

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
 Data File : VX009907.D
 Acq On : 28 May 2019 11:30
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Quant Time: May 29 03:46:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 03:39:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	169355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	270649	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123032	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	230847	100.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.46%	
35) Dibromofluoromethane	5.50	113	167340	99.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.46%	
50) Toluene-d8	8.71	98	694044	101.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.42%	
62) 4-Bromofluorobenzene	11.13	95	255706	102.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	229442	135.944	ug/l	99
3) Chloromethane	1.32	50	268102	119.854	ug/l	99
4) Vinyl Chloride	1.41	62	256903	119.034	ug/l	99
5) Bromomethane	1.64	94	154903	119.767	ug/l	98
6) Chloroethane	1.71	64	148151	108.647	ug/l	98
7) Trichlorofluoromethane	1.92	101	280607	108.692	ug/l	100
8) Diethyl Ether	2.19	74	123715	102.381	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	163404	101.966	ug/l	99
10) Methyl Iodide	2.51	142	210020	123.623	ug/l	99
11) Tert butyl alcohol	3.06	59	281517	519.511	ug/l	100
12) 1,1-Dichloroethene	2.37	96	171153	106.666	ug/l	98
13) Acrolein	2.29	56	205548	435.377	ug/l	100
14) Allyl chloride	2.72	41	419720	106.657	ug/l	99
15) Acrylonitrile	3.15	53	683713	516.915	ug/l	100
16) Acetone	2.45	43	669472	529.799	ug/l	98
17) Carbon Disulfide	2.56	76	525751	115.161	ug/l	99
18) Methyl Acetate	2.78	43	300909	101.112	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	636480	102.570	ug/l	100
20) Methylene Chloride	2.85	84	199981	98.851	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	180811	104.159	ug/l	99
22) Diisopropyl ether	3.85	45	781241	103.761	ug/l	95
23) Vinyl Acetate	3.82	43	3586001	553.757	ug/l	99
24) 1,1-Dichloroethane	3.70	63	374512	101.081	ug/l	100
25) 2-Butanone	4.68	43	1073347	547.773	ug/l	100
26) 2,2-Dichloropropane	4.58	77	290622	105.276	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	209028	101.201	ug/l	99
28) Bromochloromethane	5.02	49	184261	109.756	ug/l	100
29) Tetrahydrofuran	5.13	42	685760	545.080	ug/l	100
30) Chloroform	5.21	83	336072	100.512	ug/l	99
31) Cyclohexane	5.58	56	376205	107.814	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	287824	103.162	ug/l	99
36) 1,1-Dichloropropene	5.80	75	270473	106.230	ug/l	99
37) Ethyl Acetate	4.84	43	391985	109.780	ug/l	100
38) Carbon Tetrachloride	5.78	117	245042	105.987	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052819\
 Data File : VX009907.D
 Acq On : 28 May 2019 11:30
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: May 29 03:46:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 03:39:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	341090	108.759	ug/l	99
40) Benzene	6.14	78	817678	104.029	ug/l	100
41) Methacrylonitrile	5.04	41	220410	104.302	ug/l	99
42) 1,2-Dichloroethane	6.19	62	292327	103.266	ug/l	100
43) Isopropyl Acetate	6.45	43	629788	110.649	ug/l	100
44) Trichloroethene	7.21	130	194072	102.277	ug/l	100
45) 1,2-Dichloropropane	7.51	63	232382	104.431	ug/l	98
46) Dibromomethane	7.66	93	132823	102.842	ug/l	100
47) Bromodichloromethane	7.90	83	272589	106.003	ug/l	100
48) Methyl methacrylate	7.77	41	321355	113.412	ug/l	100
49) 1,4-Dioxane	7.74	88	110883	1955.871	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2027700	543.651	ug/l	99
52) Toluene	8.79	92	499777	104.573	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	333965	114.120	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	358586	111.134	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	200306	103.263	ug/l	99
56) Ethyl methacrylate	9.18	69	378659	108.579	ug/l	100
57) 1,3-Dichloropropane	9.37	76	357110	104.157	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	965123	527.130	ug/l	100
59) 2-Hexanone	9.49	43	1557776	532.272	ug/l	99
60) Dibromochloromethane	9.59	129	209625	110.223	ug/l	99
61) 1,2-Dibromoethane	9.67	107	207724	105.913	ug/l	100
64) Tetrachloroethene	9.34	164	173843	100.317	ug/l	98
65) Chlorobenzene	10.14	112	521085	103.270	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	190460	104.250	ug/l	99
67) Ethyl Benzene	10.25	91	972145	104.651	ug/l	100
68) m/p-Xylenes	10.36	106	717907	211.276	ug/l	99
69) o-Xylene	10.69	106	346958	103.555	ug/l	100
70) Styrene	10.71	104	610406	105.088	ug/l	99
71) Bromoform	10.85	173	161826	108.828	ug/l	98
73) Isopropylbenzene	11.02	105	926422	102.909	ug/l	99
74) N-amyl acetate	10.90	43	558071	105.961	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	324648	97.201	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	405166	141.025	ug/l	81
77) Bromobenzene	11.26	156	225342	100.967	ug/l	99
78) n-propylbenzene	11.36	91	1090402	105.861	ug/l	100
79) 2-Chlorotoluene	11.42	91	634703	99.828	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	788394	103.865	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	126083	111.698	ug/l	97
82) 4-Chlorotoluene	11.51	91	743294	103.389	ug/l	99
83) tert-Butylbenzene	11.77	119	753423	102.220	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	792600	104.021	ug/l	100
85) sec-Butylbenzene	11.94	105	905825	103.629	ug/l	100
86) p-Isopropyltoluene	12.06	119	829618	105.459	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	402599	101.250	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	401437	100.090	ug/l	99
89) n-Butylbenzene	12.38	91	786184	110.092	ug/l	99
90) Hexachloroethane	12.60	117	145568	108.803	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	397763	98.532	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	78510	104.806	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
Data File : VX009907.D
Acq On : 28 May 2019 11:30
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: May 29 03:46:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 03:39:12 2019
Response via : Initial Calibration

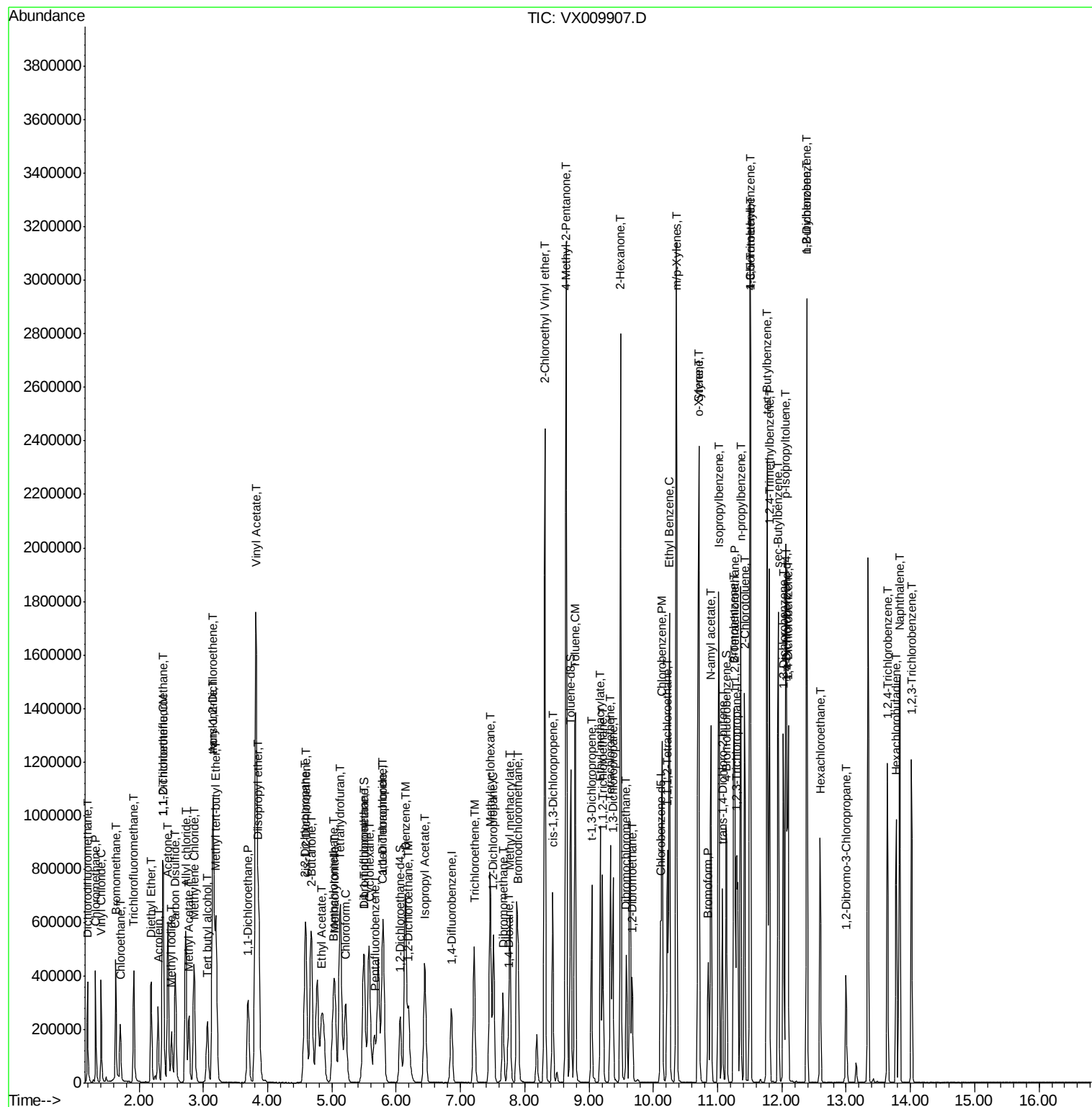
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	290658	104.991	ug/l	99
94) Hexachlorobutadiene	13.78	225	145779	102.862	ug/l	99
95) Naphthalene	13.83	128	924540	103.395	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	284532	101.633	ug/l	98

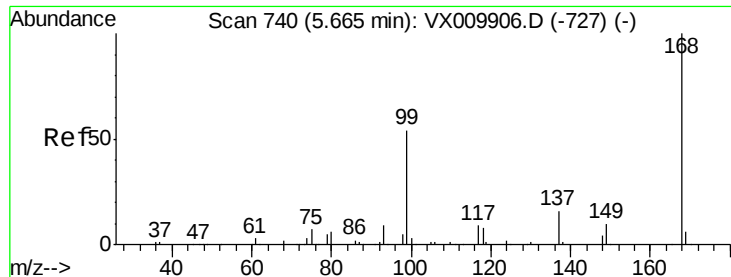
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\WX052819\
 Data File : VX009907.D
 Acq On : 28 May 2019 11:30
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC100

Quant Time: May 29 03:46:19 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 03:39:12 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

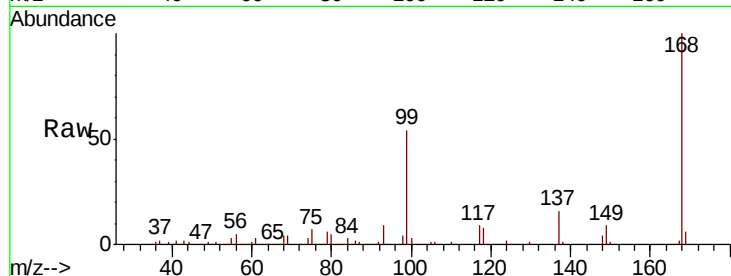
VSTDIC100

Tot Ion:168 Resp: 169355

Ion Ratio Lower Upper

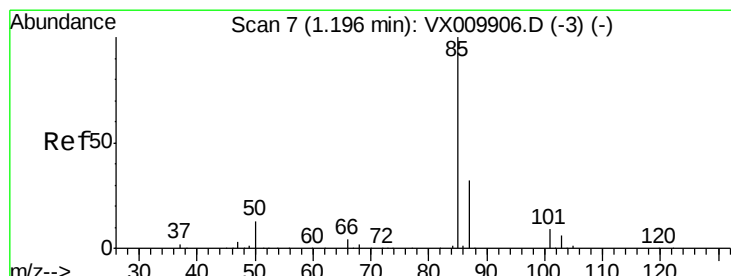
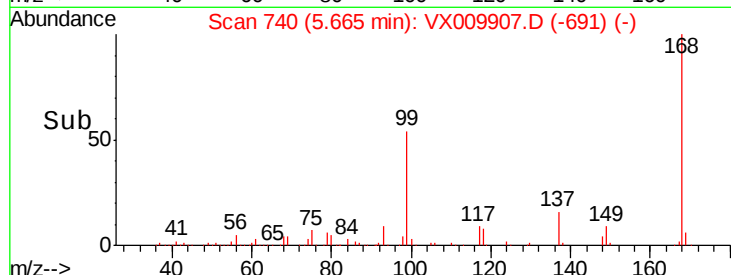
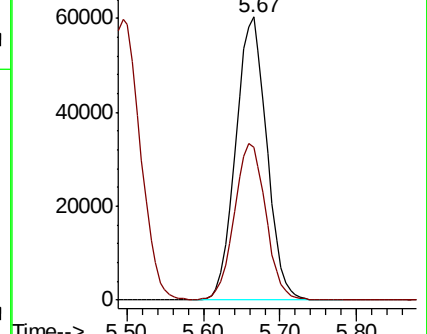
168 100

99 53.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 135.944 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009907.D

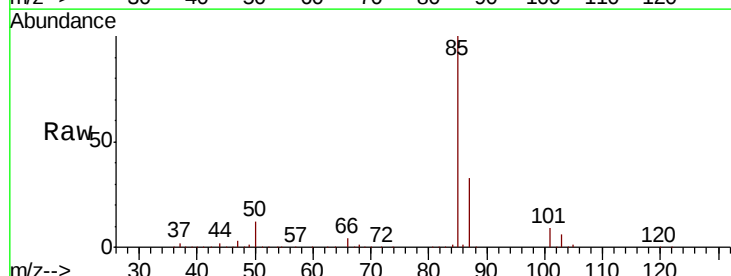
Acq: 28 May 2019 11:30

Tgt Ion: 85 Resp: 229442

Ion Ratio Lower Upper

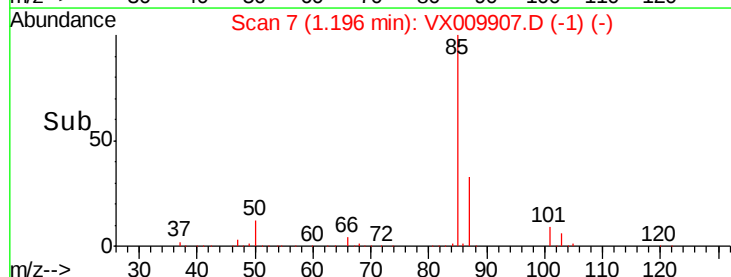
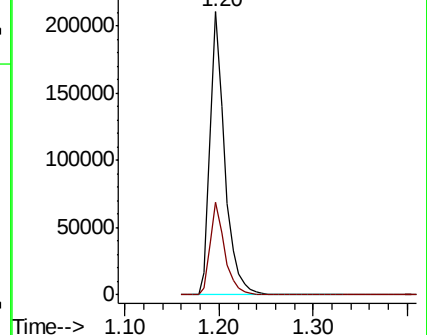
85 100

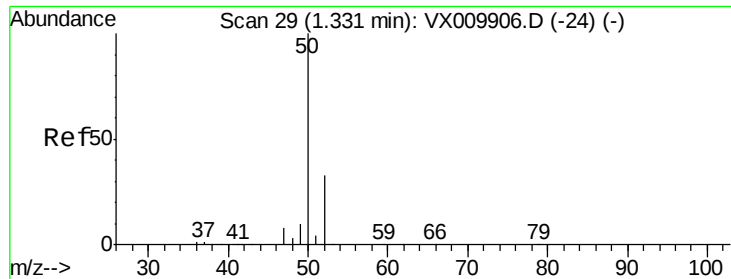
87 32.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 119.854 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

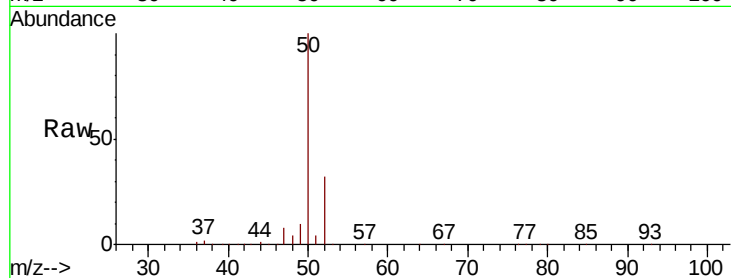
VSTDIC100

Tot Ion: 50 Resp: 268102

Ion Ratio Lower Upper

50 100

52 32.2 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

250000

200000

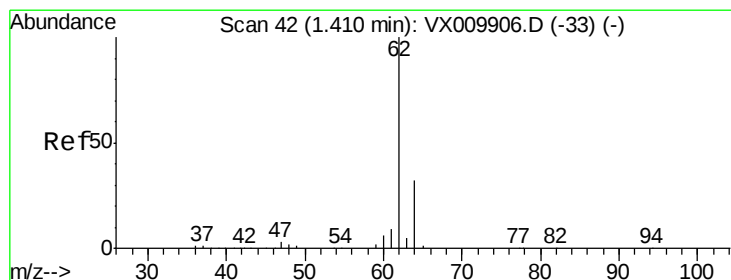
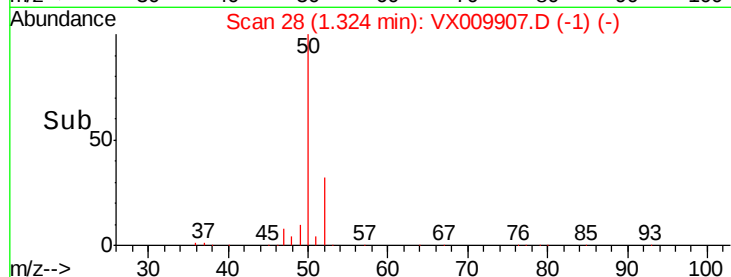
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 119.034 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009907.D

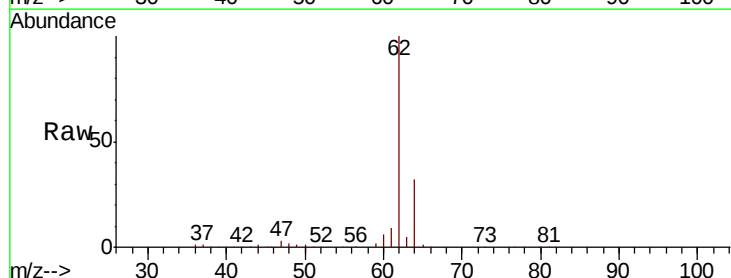
Acq: 28 May 2019 11:30

Tgt Ion: 62 Resp: 256903

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

250000

200000

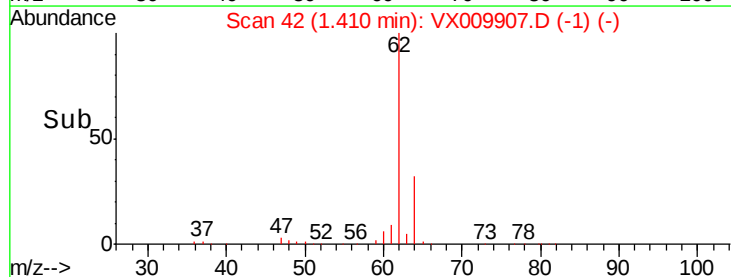
150000

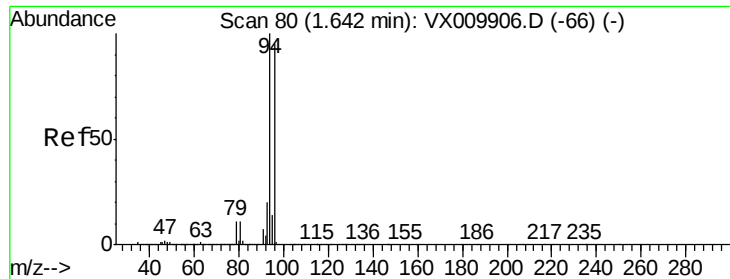
100000

50000

0

Time-->





#5

Bromomethane

Concen: 119.767 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

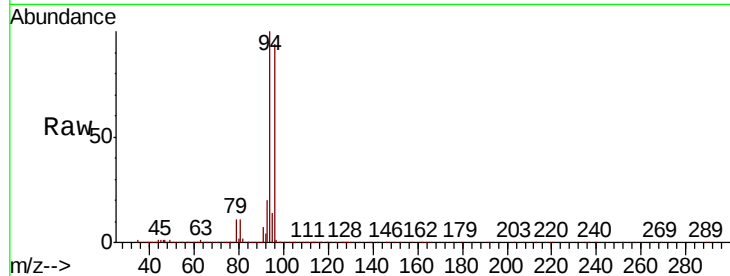
VSTDIC100

Tot Ion: 94 Resp: 154903

Ion Ratio Lower Upper

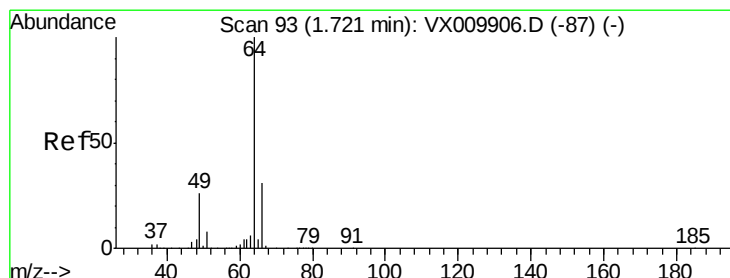
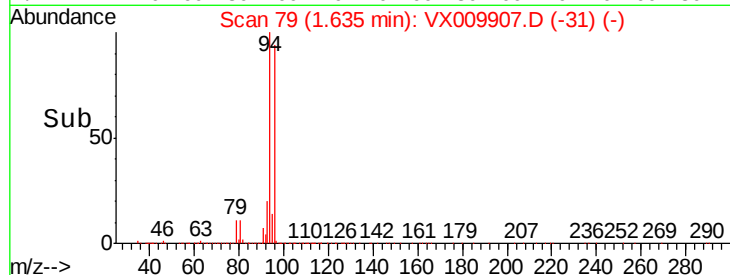
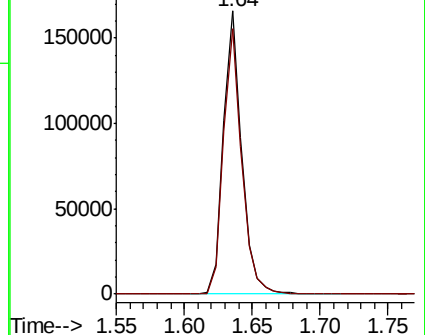
94 100

96 93.7 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 108.647 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009907.D

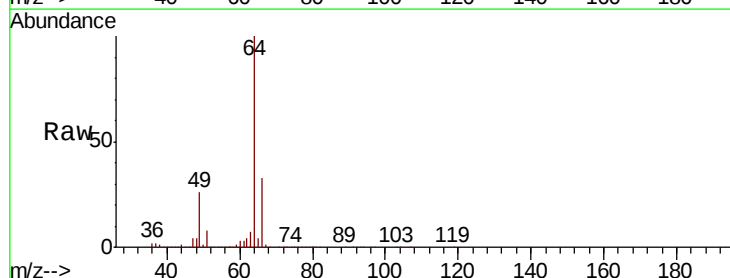
Acq: 28 May 2019 11:30

Tgt Ion: 64 Resp: 148151

Ion Ratio Lower Upper

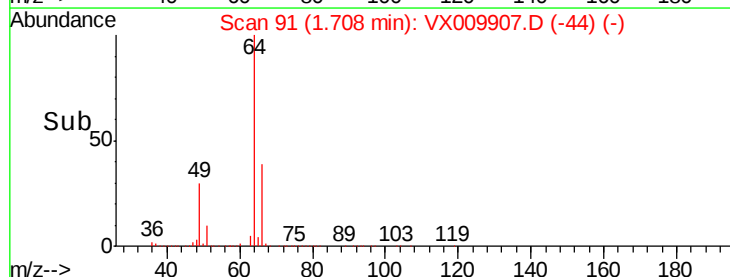
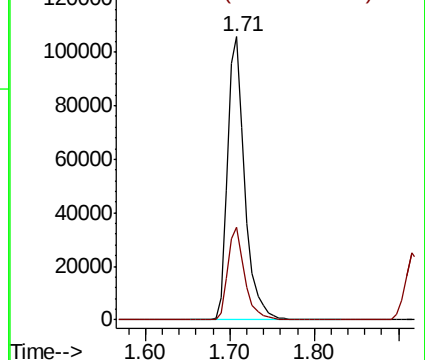
64 100

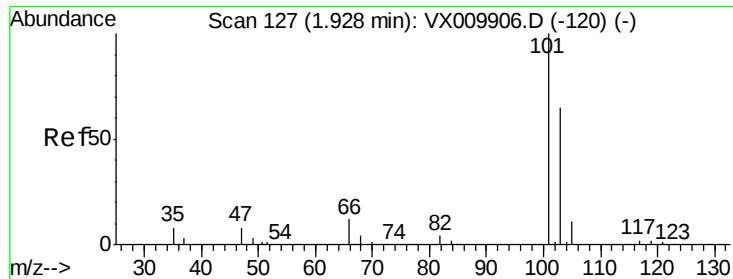
66 32.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



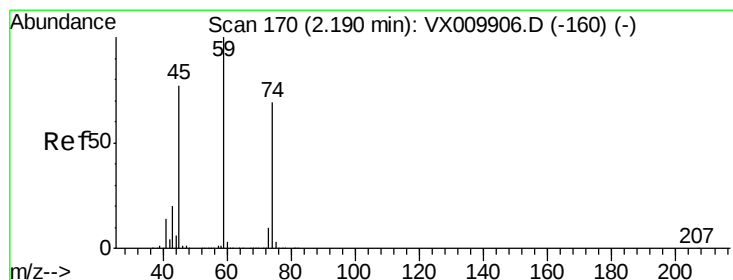
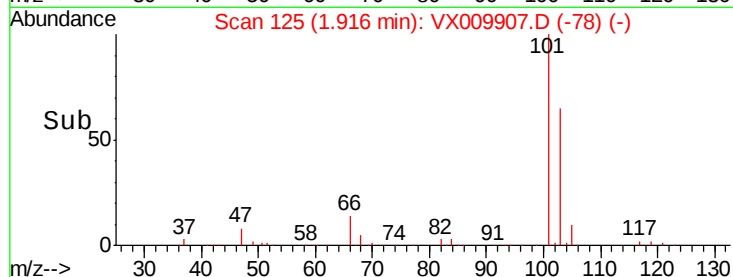
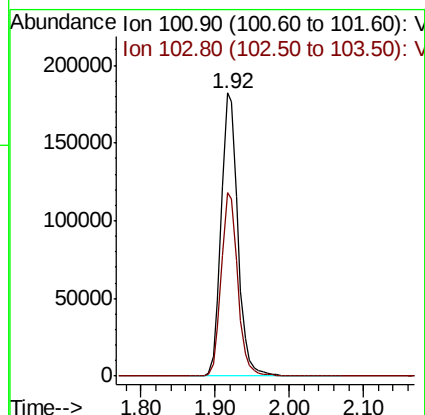
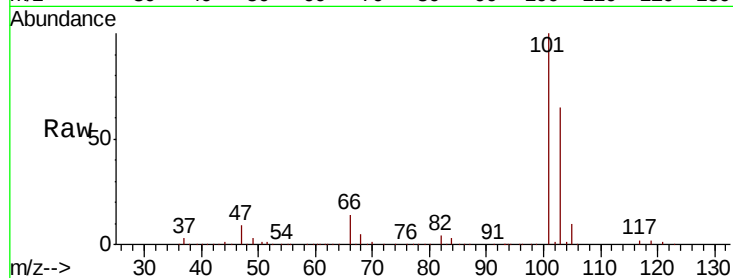


#7

Trichlorofluoromethane
 Concen: 108.692 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX009907.D
 Acq: 28 May 2019 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

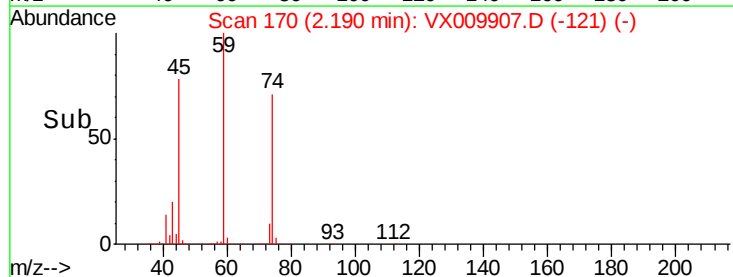
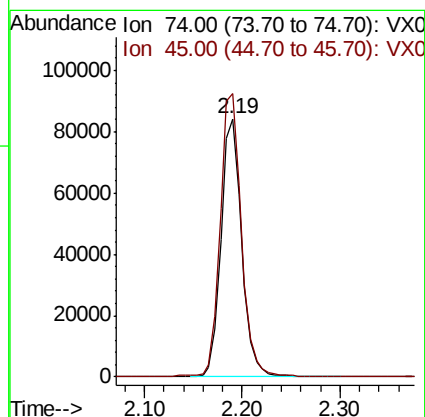
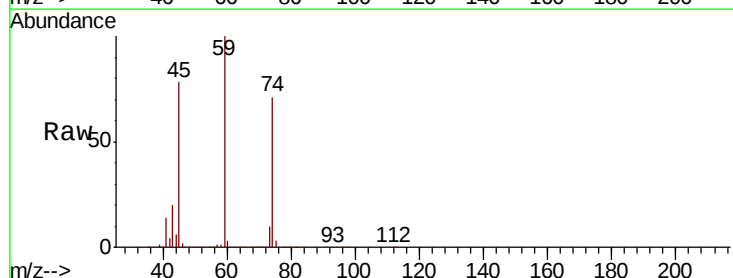
Tot Ion:101 Resp: 280607
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.2 78.4

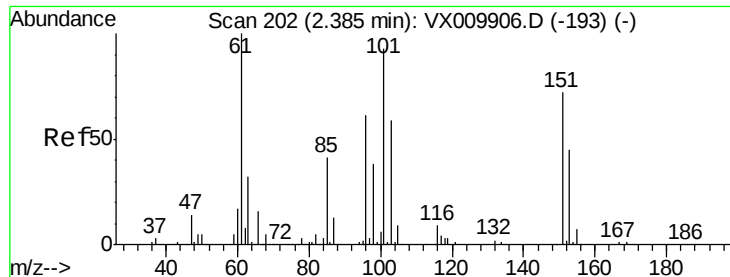


#8

Diethyl Ether
 Concen: 102.381 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009907.D
 Acq: 28 May 2019 11:30

Tgt Ion: 74 Resp: 123715
 Ion Ratio Lower Upper
 74 100
 45 112.1 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 101.966 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

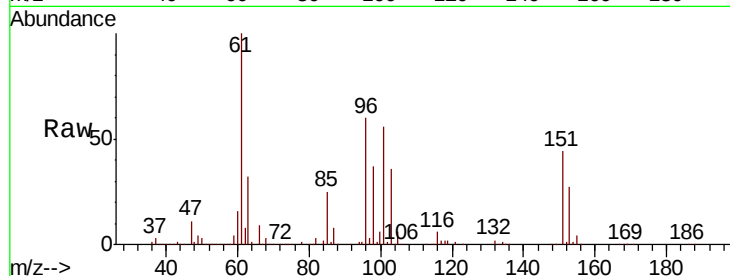
Tot Ion:101 Resp: 163404

Ion Ratio Lower Upper

101 100

85 44.5 35.2 52.8

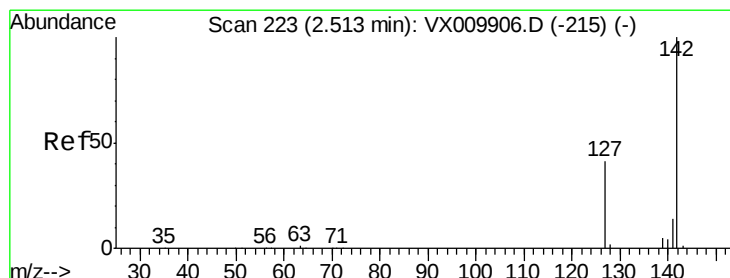
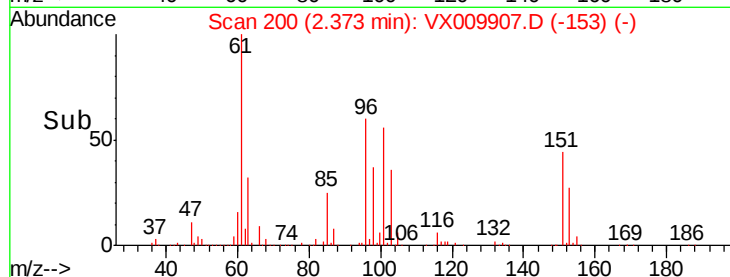
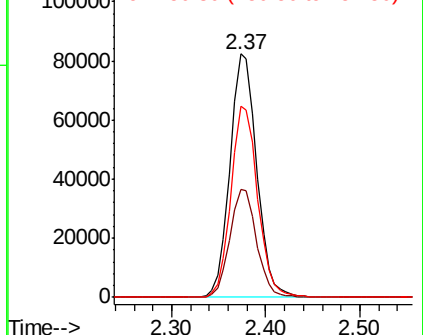
151 78.3 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 123.623 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

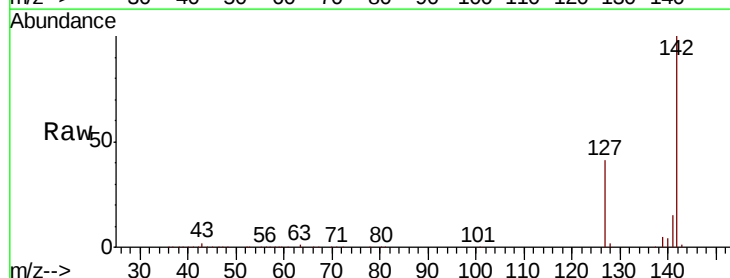
Tgt Ion:142 Resp: 210020

Ion Ratio Lower Upper

142 100

127 41.6 33.0 49.4

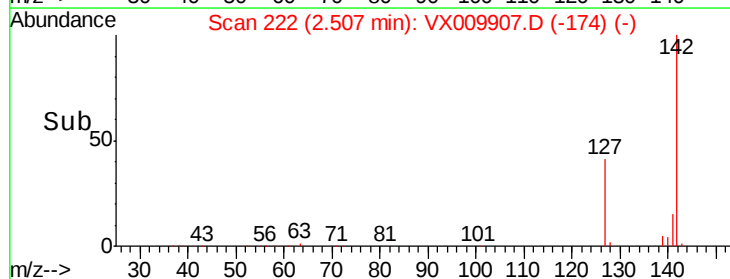
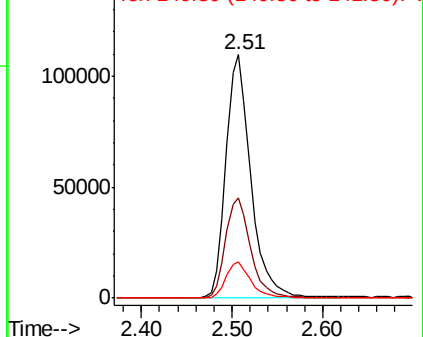
141 14.9 11.4 17.0

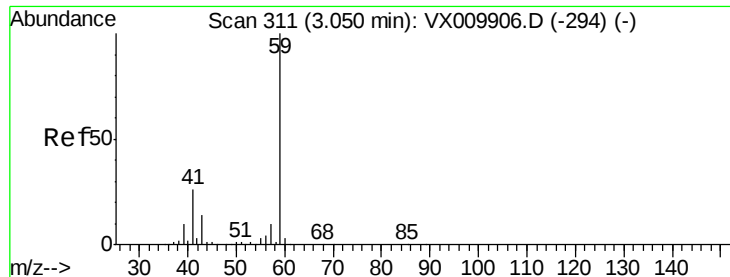


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

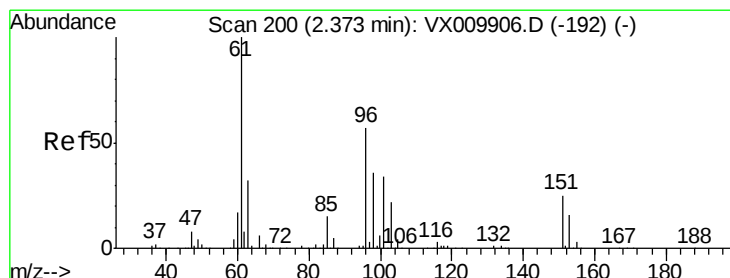
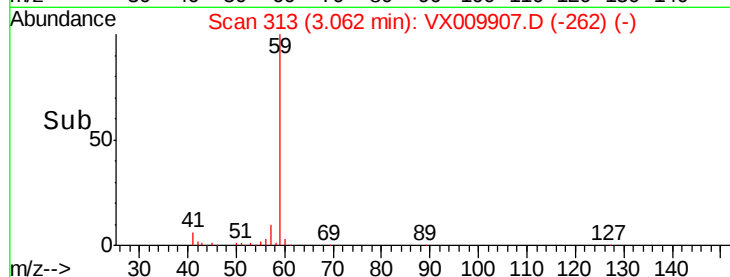
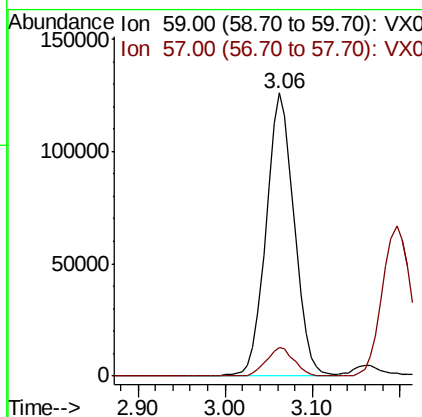
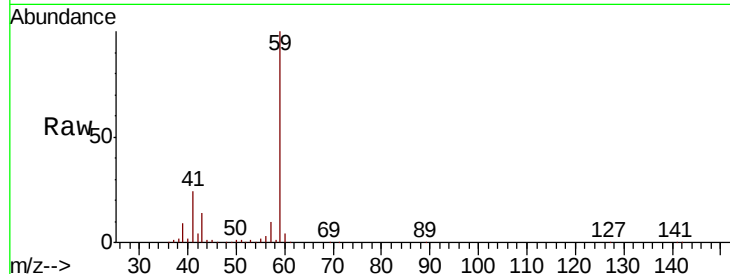




#11
Tert butyl alcohol
Concen: 519.511 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.01 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

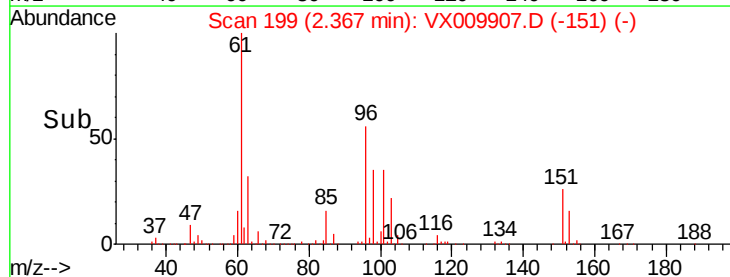
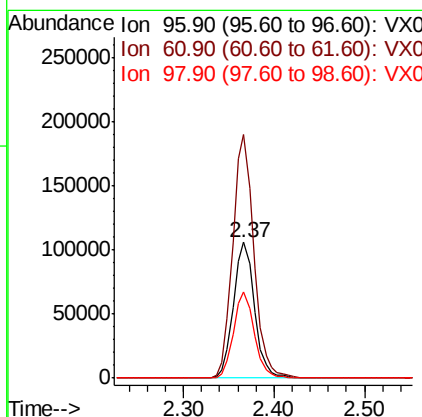
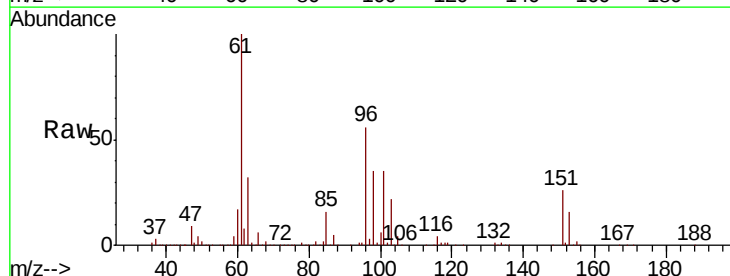
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

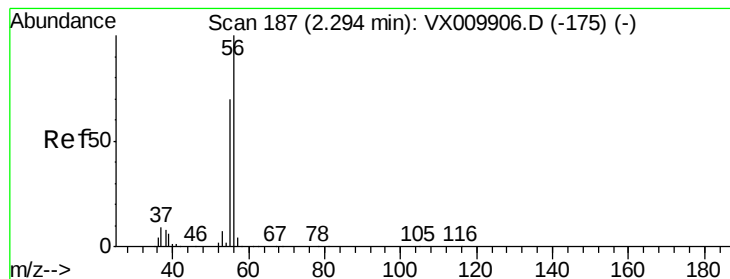
Tot Ion: 59 Resp: 281517
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 106.666 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

Tgt Ion: 96 Resp: 171153
Ion Ratio Lower Upper
96 100
61 179.3 140.7 211.1
98 63.2 50.1 75.1





#13

Acrolein

Concen: 435.377 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

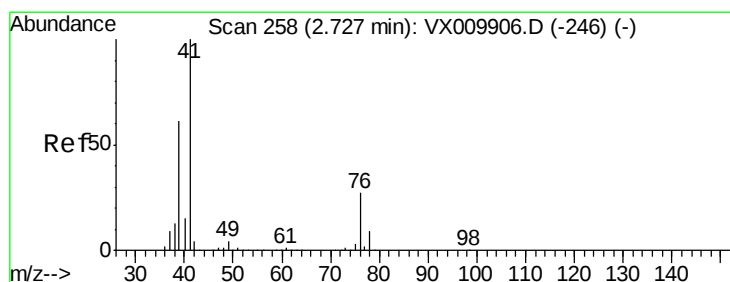
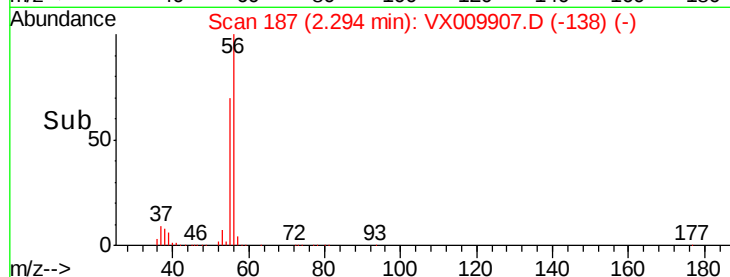
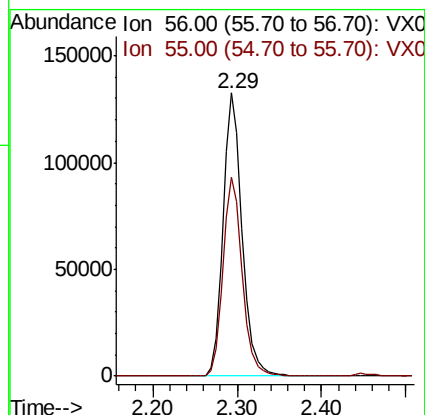
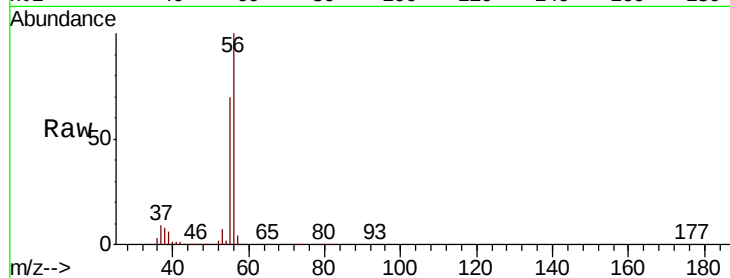
VSTDICC100

Tot Ion: 56 Resp: 205548

Ion Ratio Lower Upper

56 100

55 71.3 57.0 85.4



#14

Allyl chloride

Concen: 106.657 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

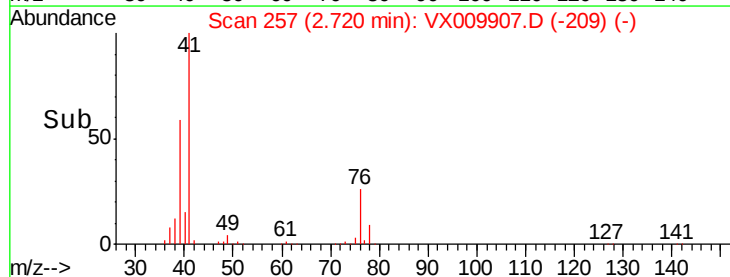
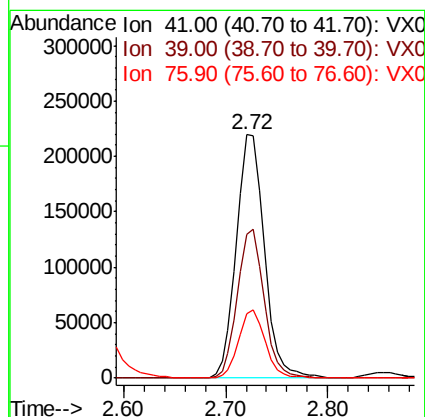
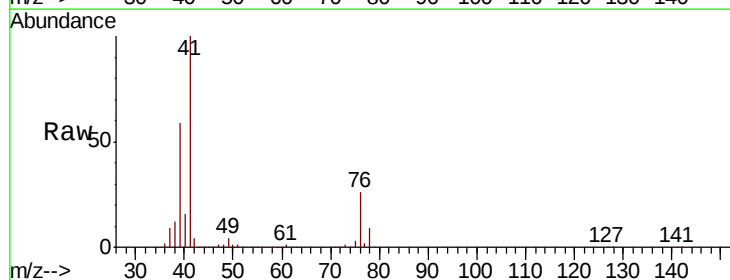
Tgt Ion: 41 Resp: 419720

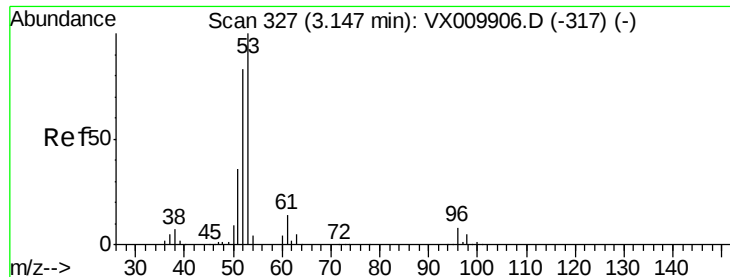
Ion Ratio Lower Upper

41 100

39 57.9 46.7 70.1

76 26.4 21.0 31.4





#15

Acrylonitrile

Concen: 516.915 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

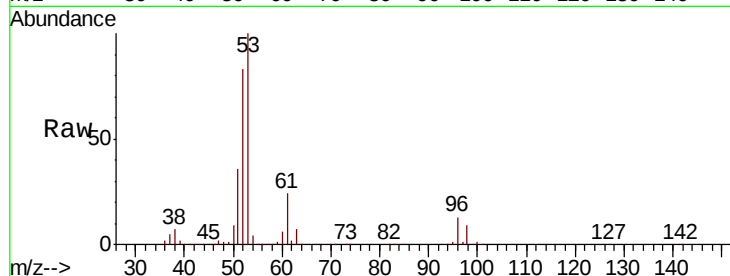
Tot Ion: 53 Resp: 683713

Ion Ratio Lower Upper

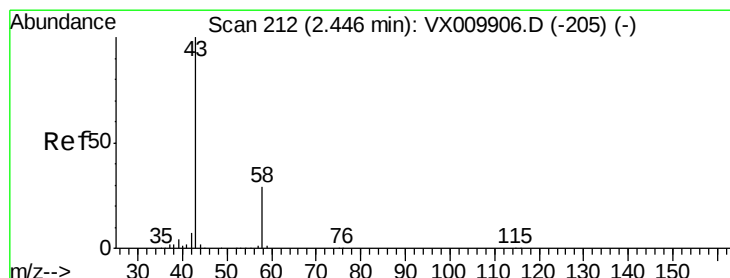
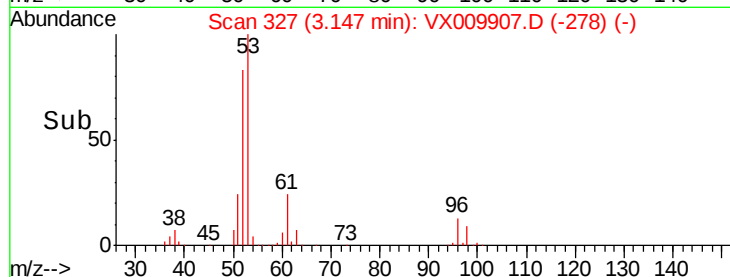
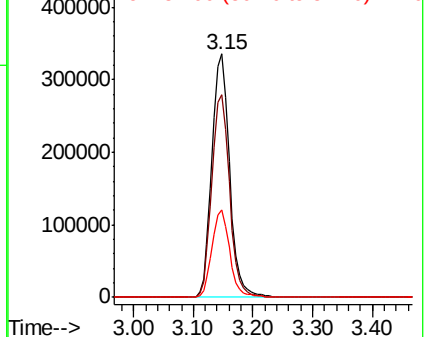
53 100

52 83.8 66.7 100.1

51 36.1 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 529.799 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009907.D

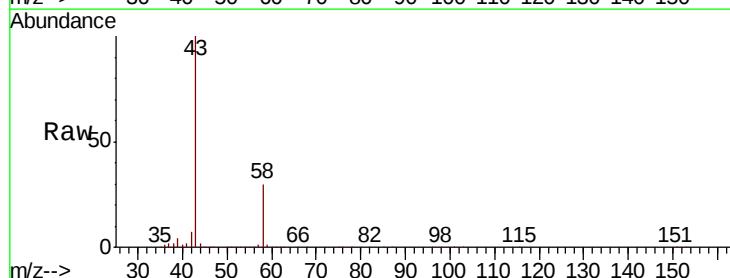
Acq: 28 May 2019 11:30

Tgt Ion: 43 Resp: 669472

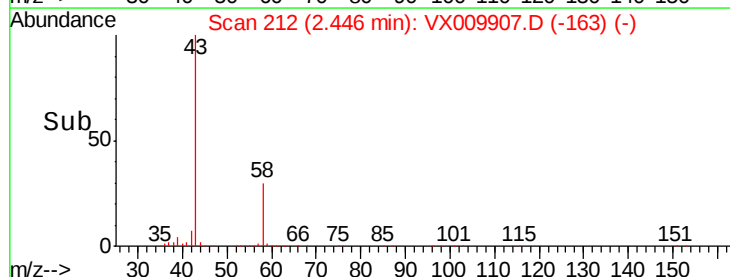
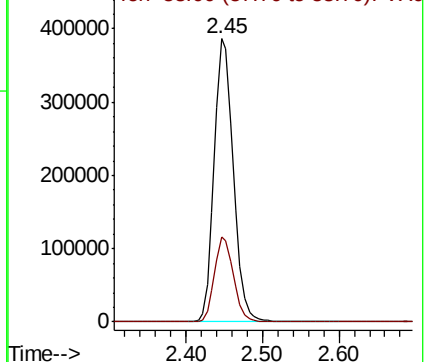
Ion Ratio Lower Upper

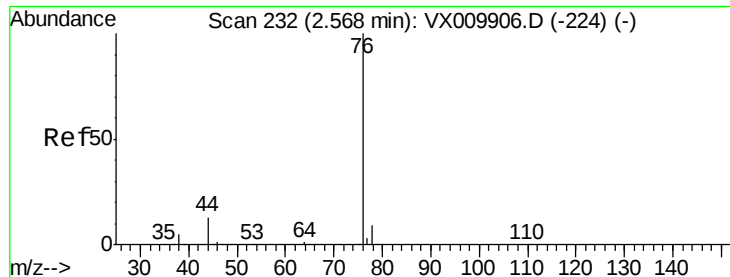
43 100

58 29.8 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 115.161 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

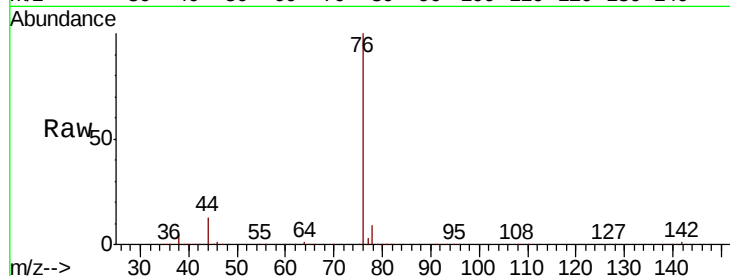
VSTDIC100

Tot Ion: 76 Resp: 525751

Ion Ratio Lower Upper

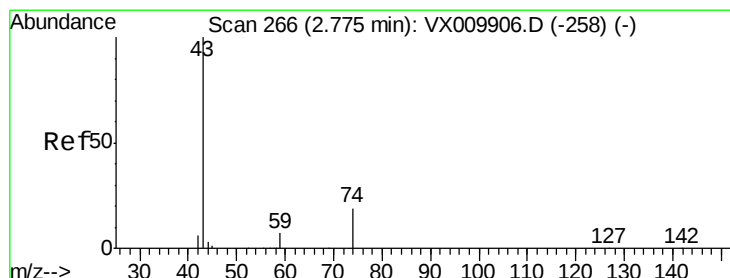
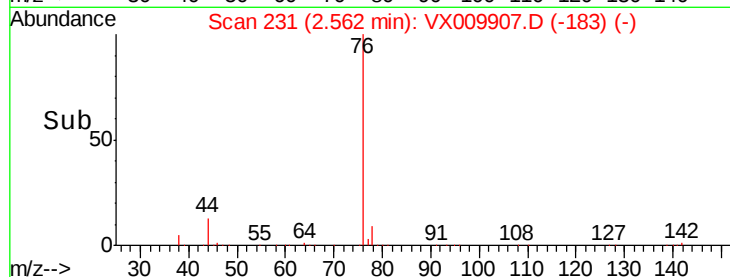
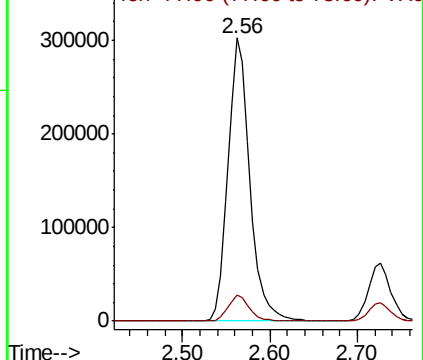
76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 101.112 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009907.D

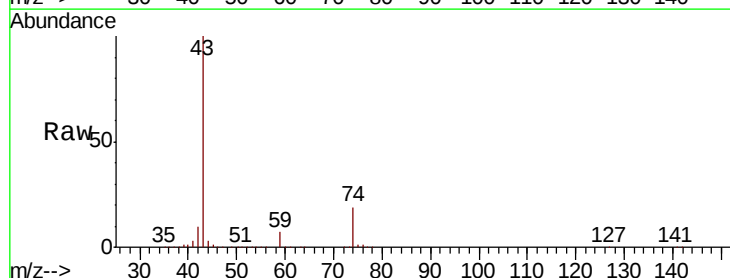
Acq: 28 May 2019 11:30

Tgt Ion: 43 Resp: 300909

Ion Ratio Lower Upper

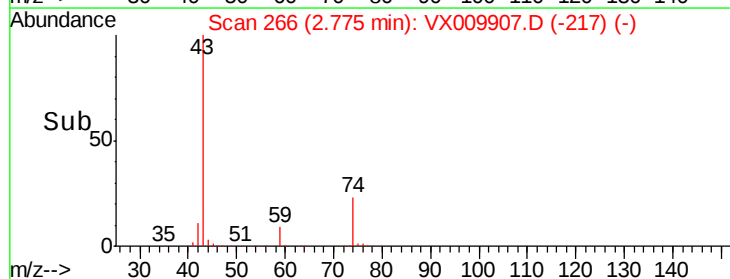
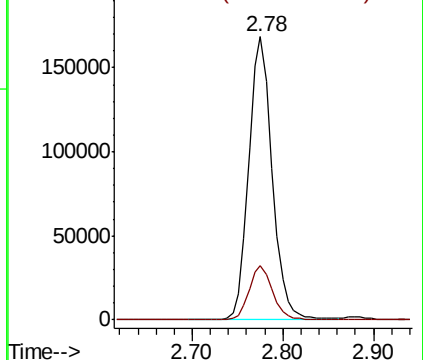
43 100

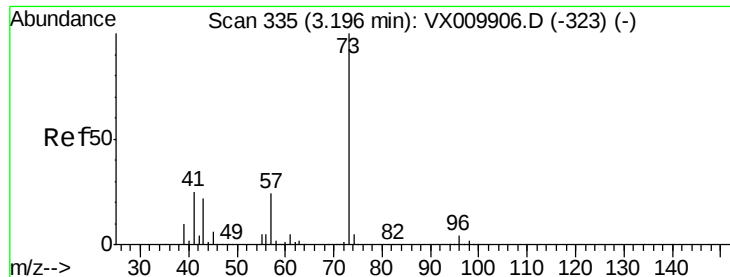
74 19.4 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

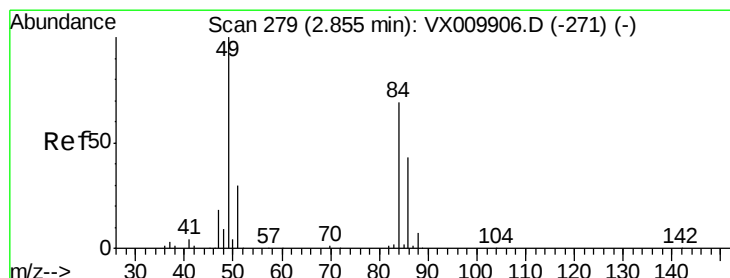
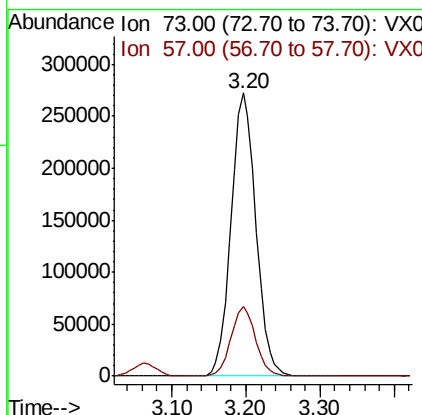
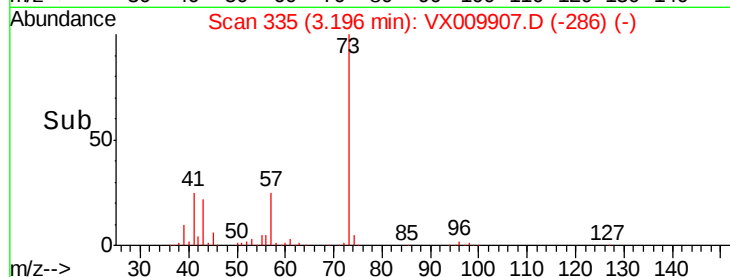
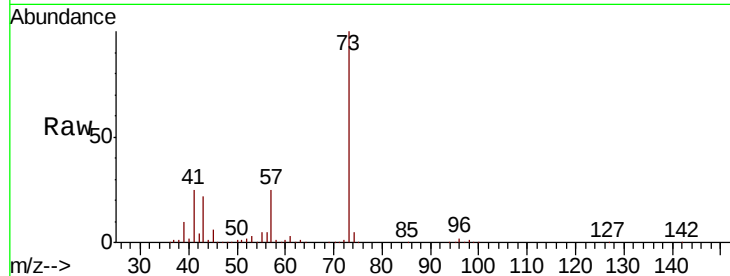




#19
Methvl tert-butvl Ether
Concen: 102.570 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

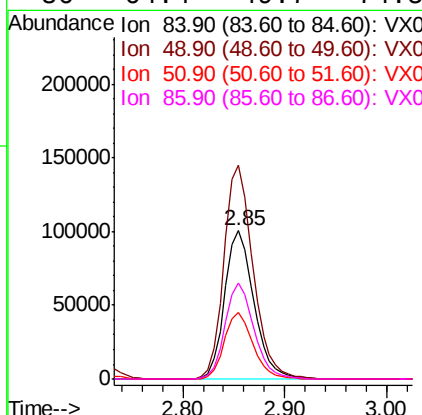
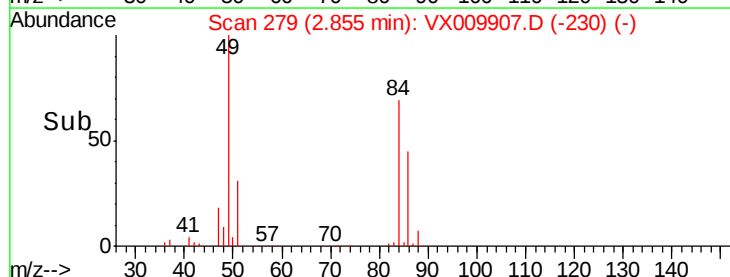
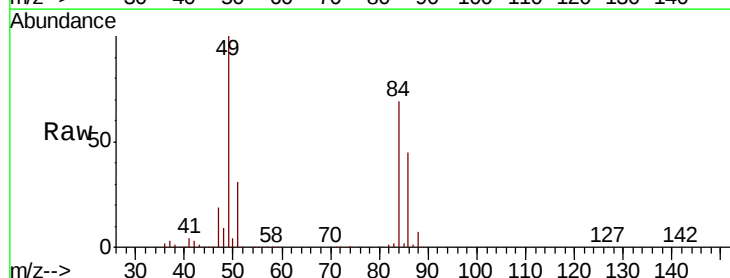
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

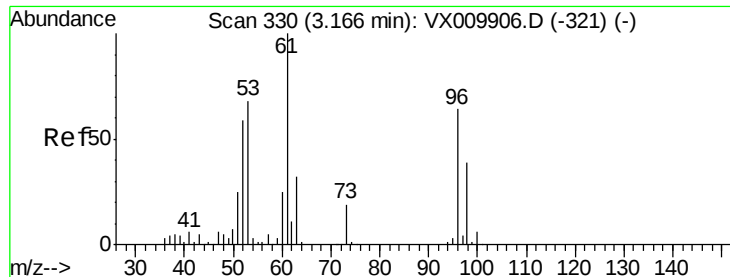
Tot Ion: 73 Resp: 636480
Ion Ratio Lower Upper
73 100
57 24.5 19.4 29.2



#20
Methylene Chloride
Concen: 98.851 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

Tgt Ion: 84 Resp: 199981
Ion Ratio Lower Upper
84 100
49 143.9 115.8 173.6
51 45.2 34.4 51.6
86 64.4 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 104.159 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

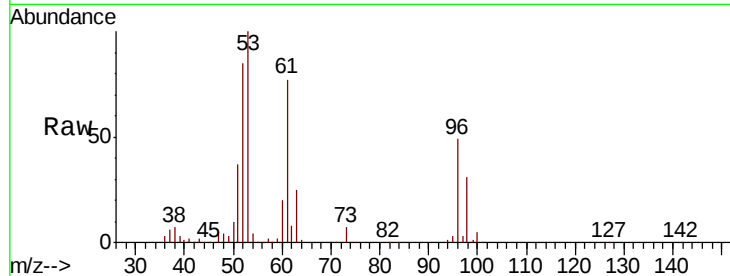
Tot Ion: 96 Resp: 180811

Ion Ratio Lower Upper

96 100

61 157.9 125.7 188.5

98 63.9 49.0 73.6

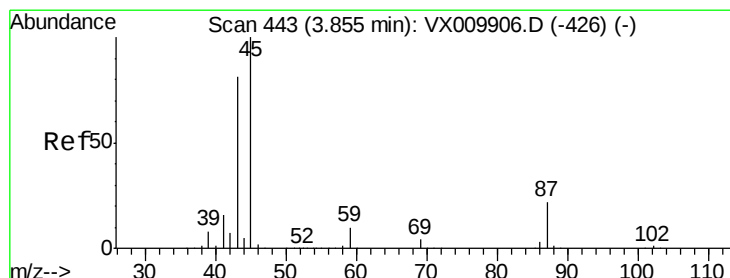
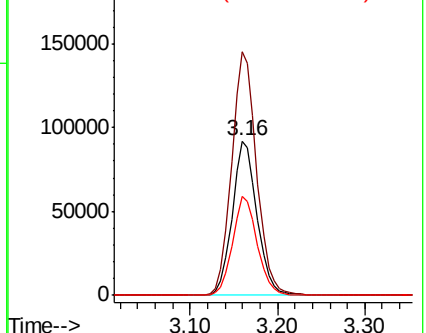
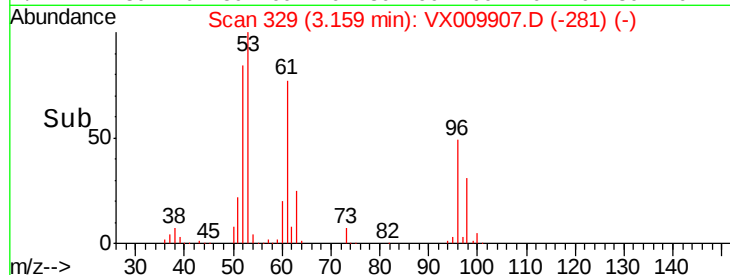


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 103.761 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Tgt Ion: 45 Resp: 781241

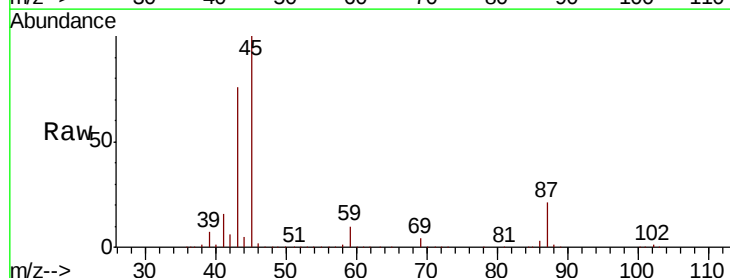
Ion Ratio Lower Upper

45 100

43 75.6 65.0 97.4

87 21.4 17.3 25.9

59 10.3 8.1 12.1



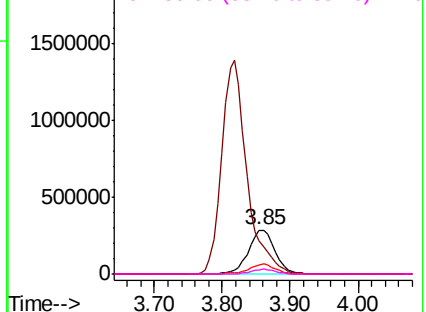
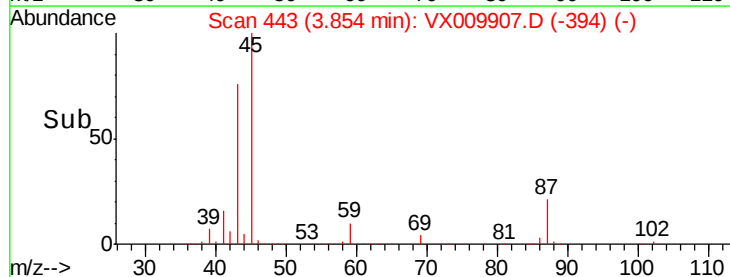
Abundance

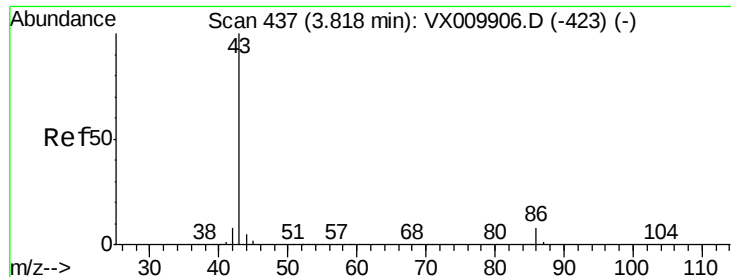
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 553.757 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

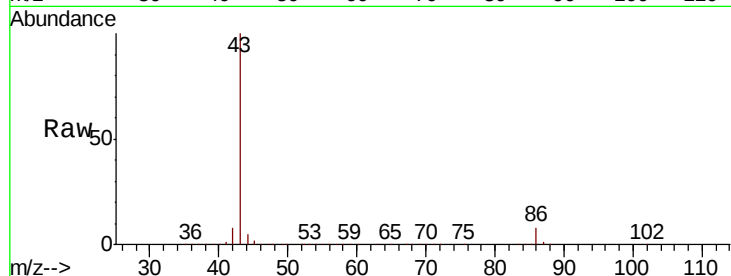
VSTDIC100

Tot Ion: 43 Resp: 3586001

Ion Ratio Lower Upper

43 100

86 8.5 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

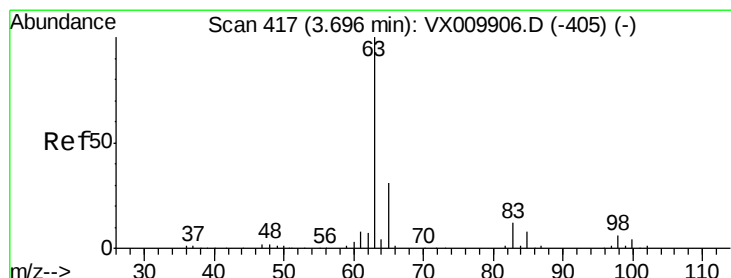
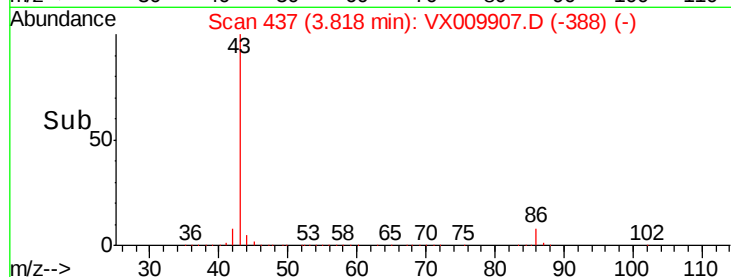
1500000

1000000

500000

0

Time-->



#24

1,1-Dichloroethane

Concen: 101.081 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

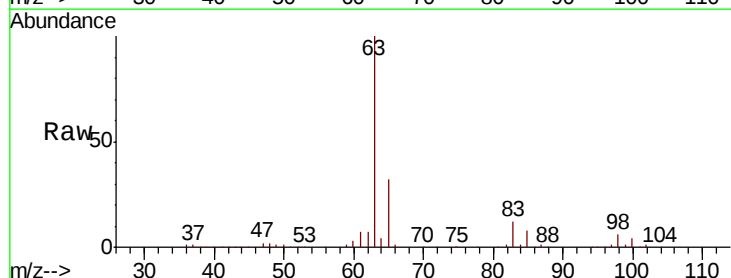
Tgt Ion: 63 Resp: 374512

Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.8

100 3.6 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

200000

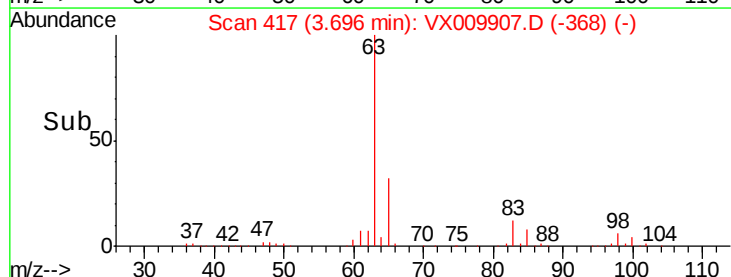
150000

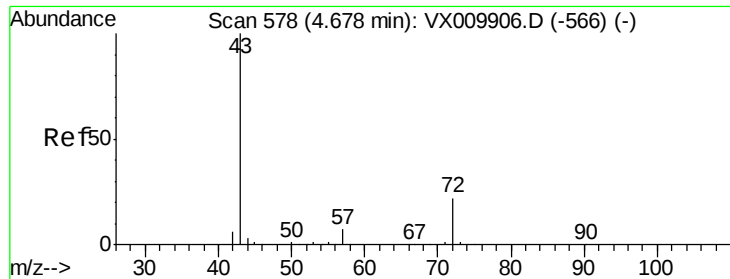
100000

50000

0

Time-->





#25

2-Butanone

Concen: 547.773 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

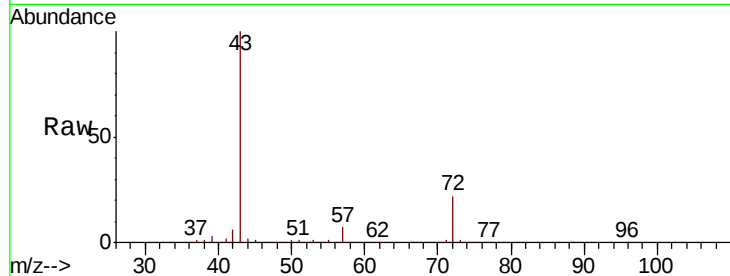
VSTDIC100

Tot Ion: 43 Resp: 1073347

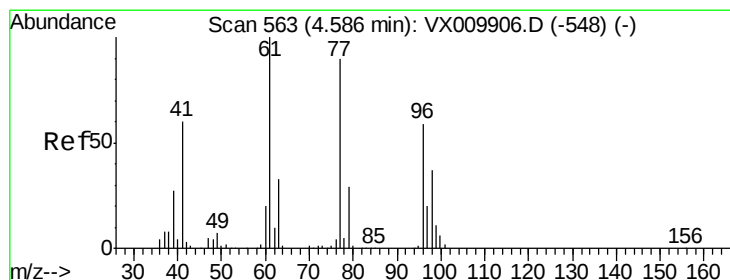
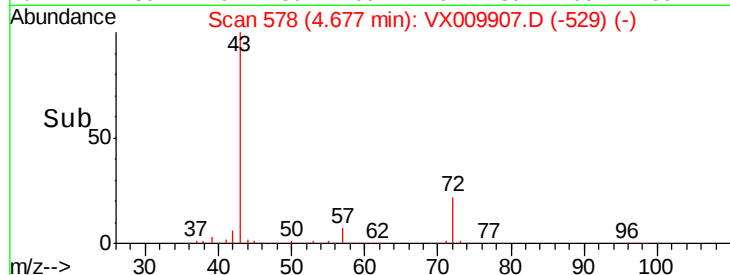
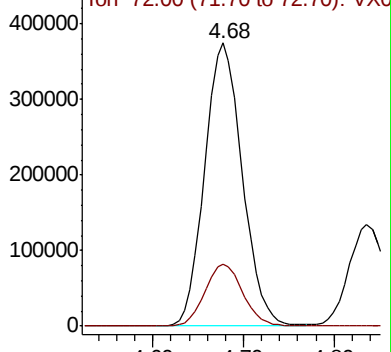
Ion Ratio Lower Upper

43 100

72 21.8 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0



#26

2,2-Dichloropropane

Concen: 105.276 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009907.D

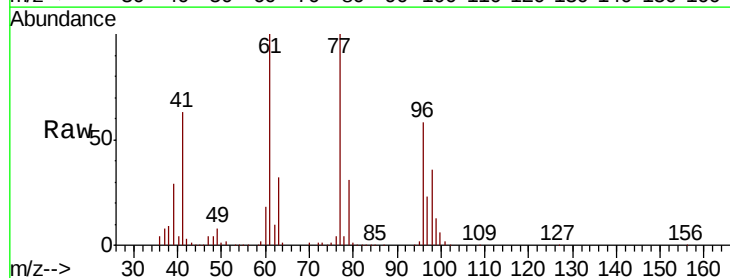
Acq: 28 May 2019 11:30

Tgt Ion: 77 Resp: 290622

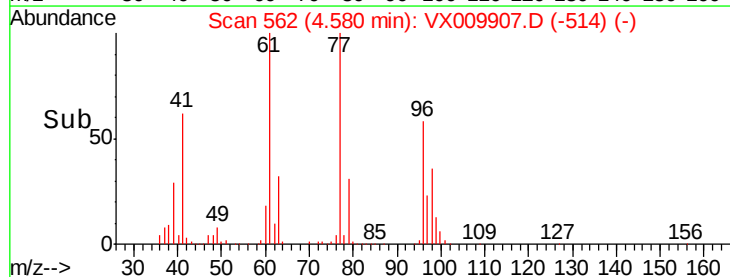
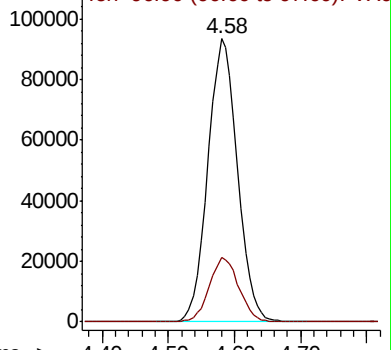
Ion Ratio Lower Upper

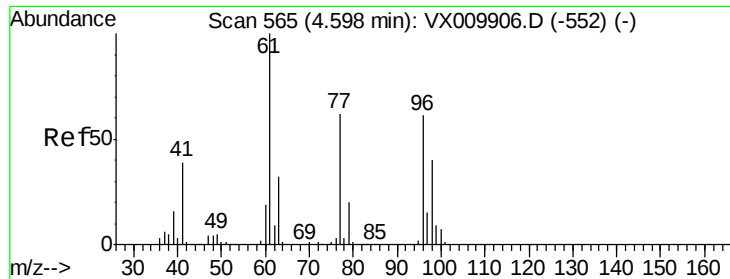
77 100

97 22.6 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0



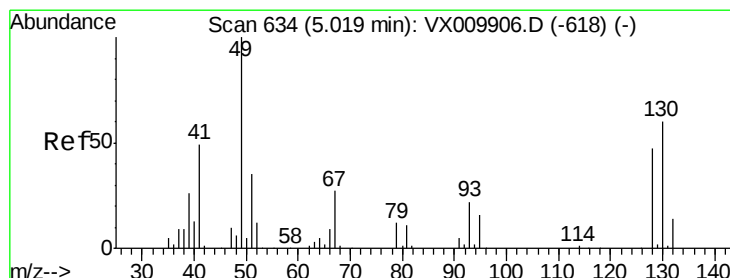
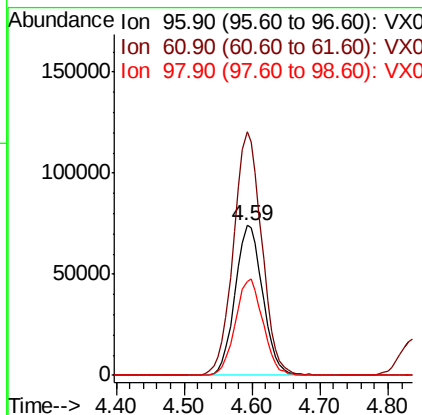
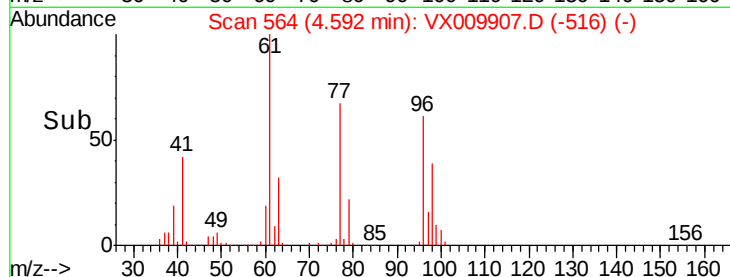
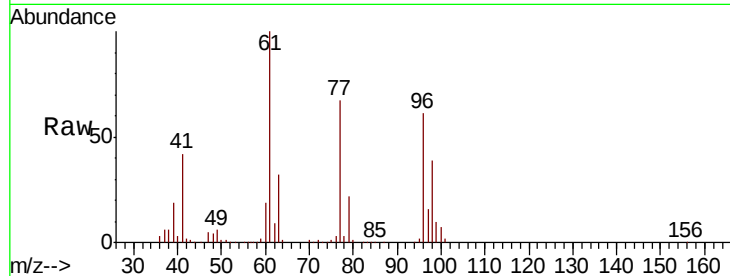


#27

cis-1,2-Dichloroethene
Concen: 101.201 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

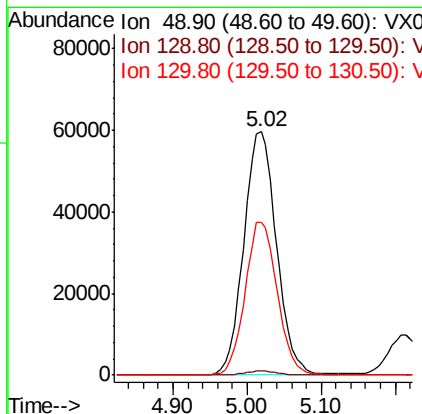
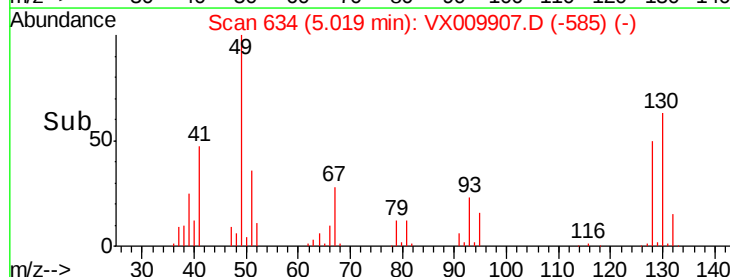
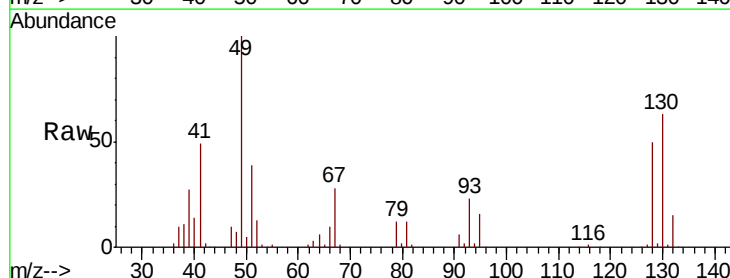
Tot Ion	Ratio	Lower	Upper
96	100		
61	166.6	0.0	334.0
98	64.2	0.0	131.6

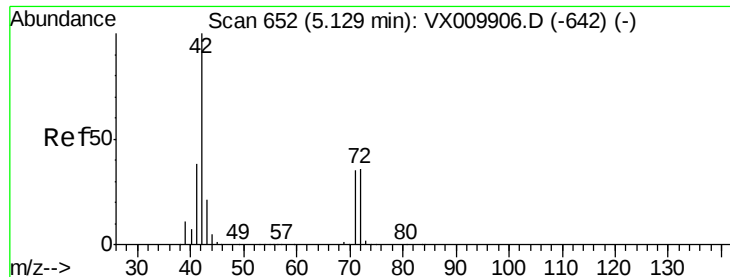


#28

Bromochloromethane
Concen: 109.756 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.4
130	61.7	49.4	74.2





#29

Tetrahydrofuran

Concen: 545.080 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

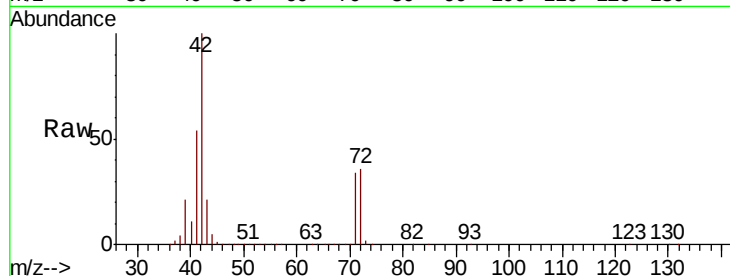
Tot Ion: 42 Resp: 685760

Ion Ratio Lower Upper

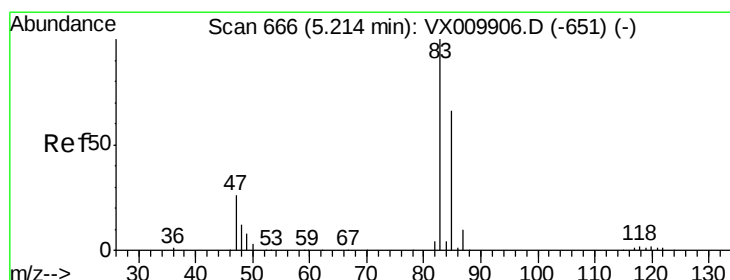
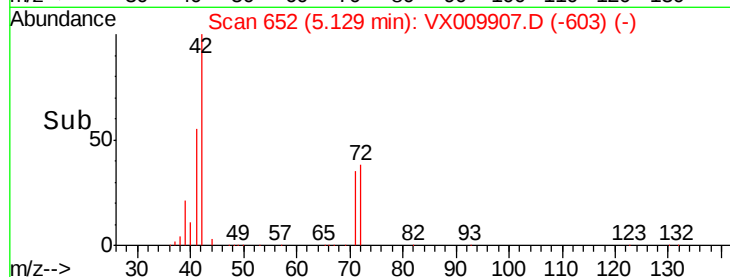
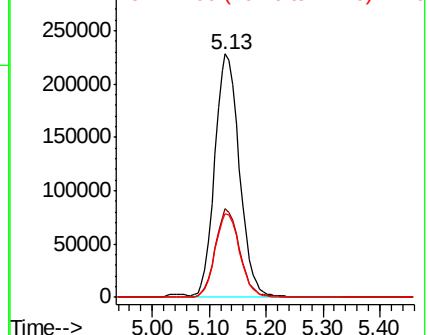
42 100

72 36.3 29.2 43.8

71 34.6 27.6 41.4



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 100.512 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX009907.D

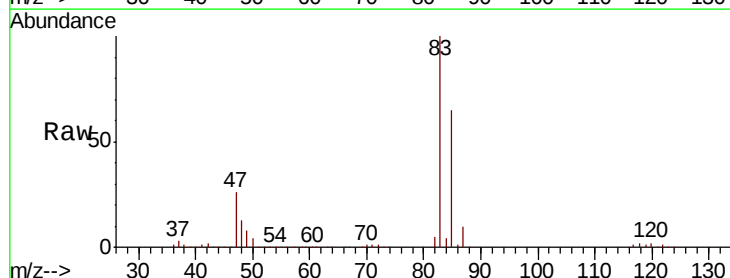
Acq: 28 May 2019 11:30

Tgt Ion: 83 Resp: 336072

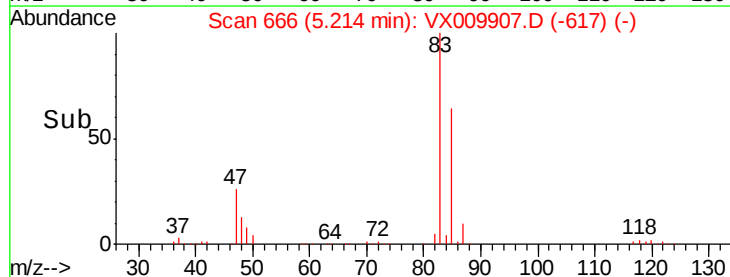
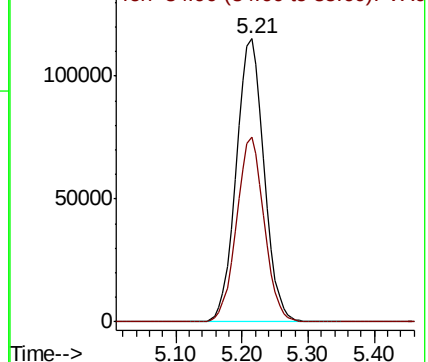
Ion Ratio Lower Upper

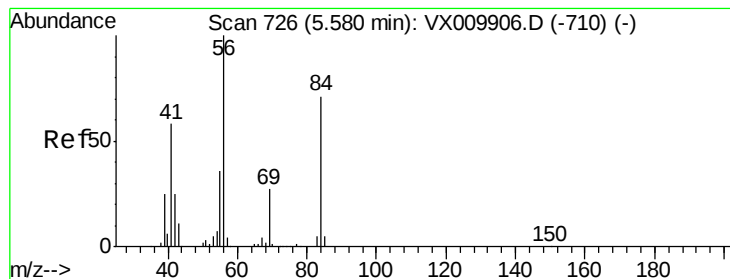
83 100

85 65.2 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 107.814 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

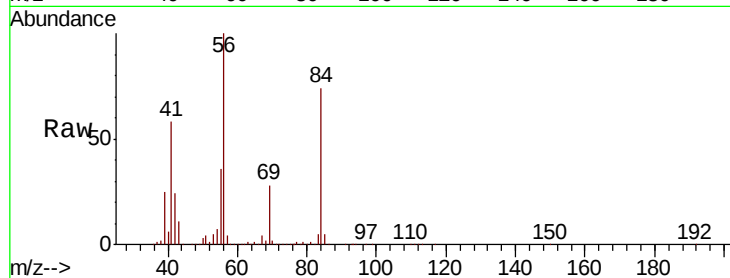
Tot Ion: 56 Resp: 376205

Ion Ratio Lower Upper

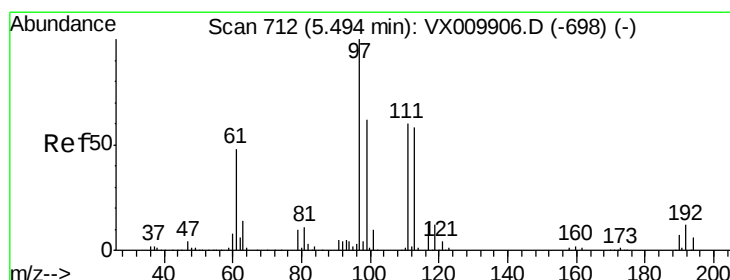
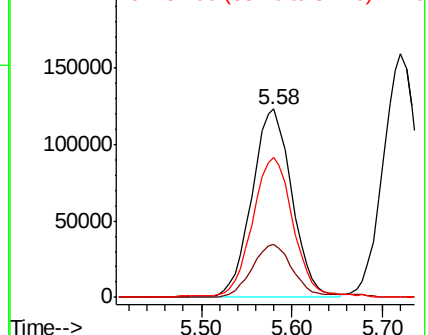
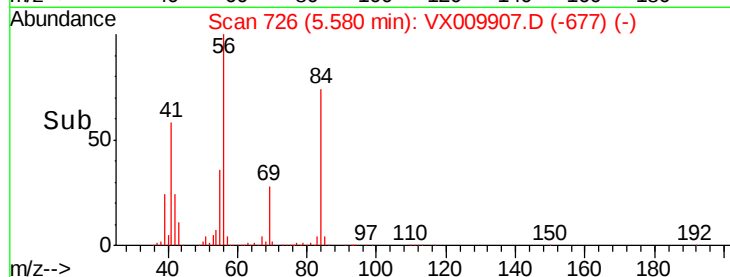
56 100

69 27.8 21.6 32.4

84 73.0 56.8 85.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 103.162 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

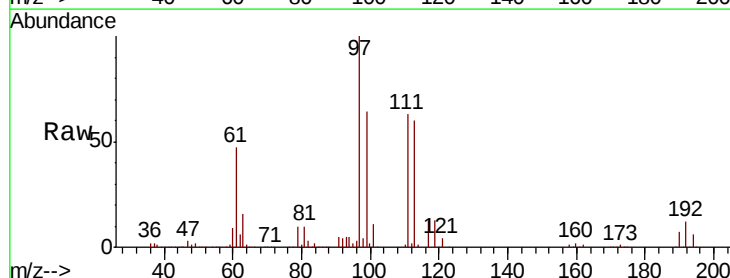
Tgt Ion: 97 Resp: 287824

Ion Ratio Lower Upper

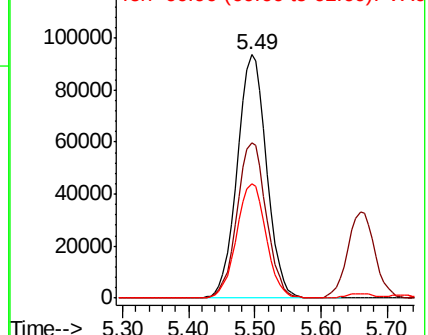
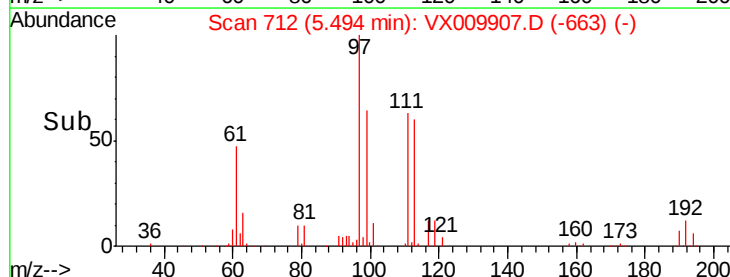
97 100

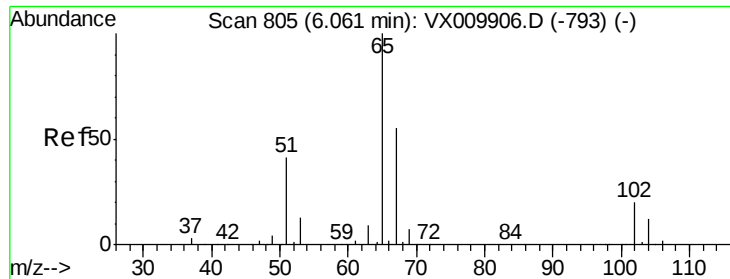
99 64.0 51.0 76.4

61 47.8 38.7 58.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 100.727 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

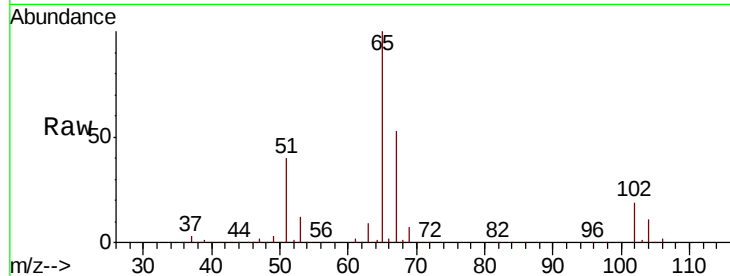
VSTDIC100

Tot Ion: 65 Resp: 230847

Ion Ratio Lower Upper

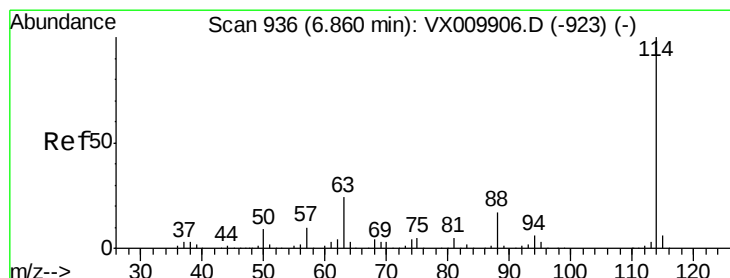
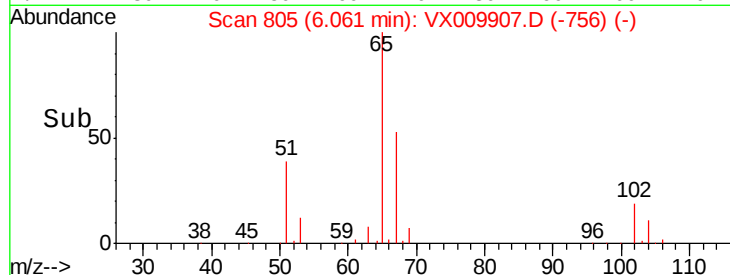
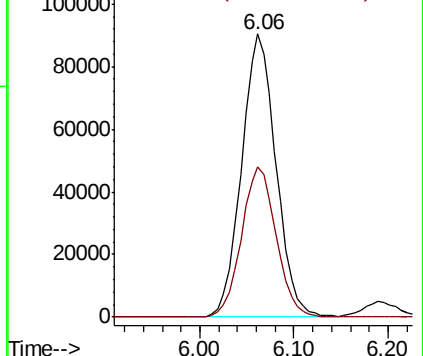
65 100

67 53.6 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

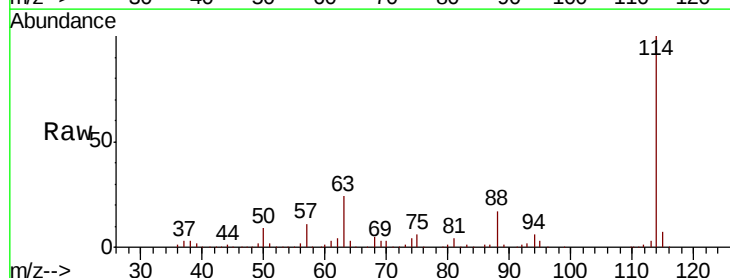
Tgt Ion: 114 Resp: 270649

Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.4

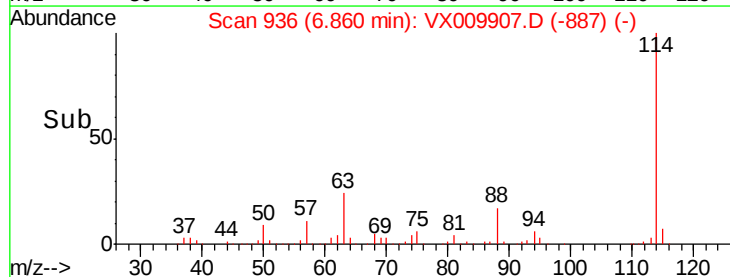
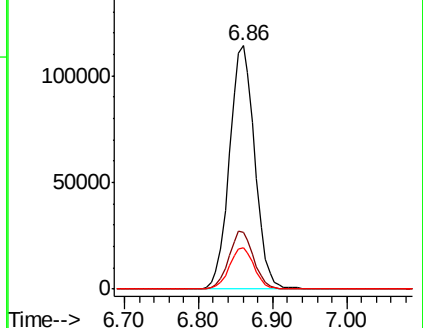
88 16.9 0.0 33.0

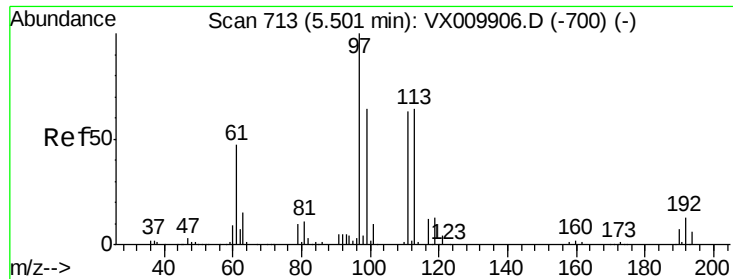


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

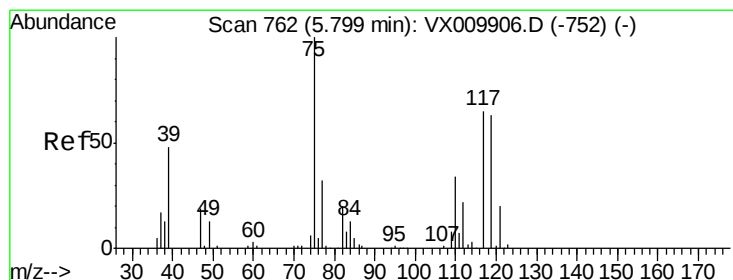
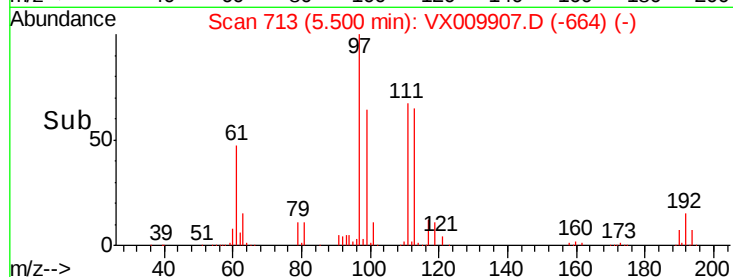
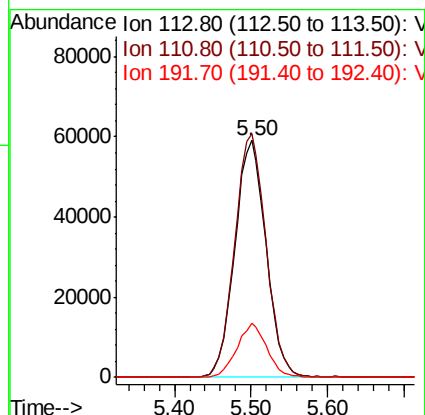
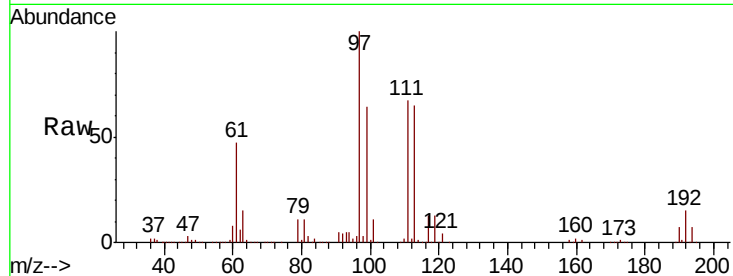




#35
 Dibromofluoromethane
 Concen: 99.234 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009907.D
 Acq: 28 May 2019 11:30

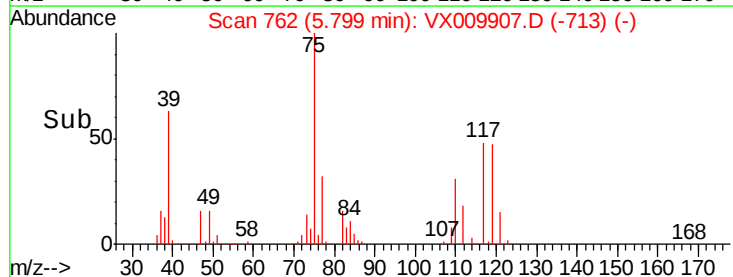
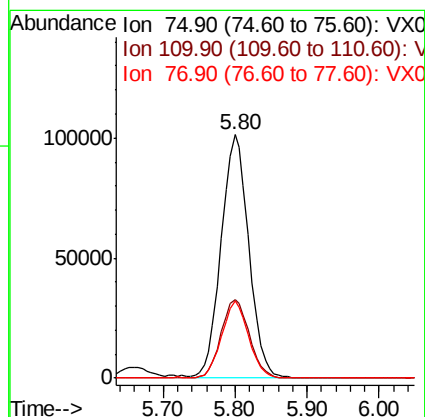
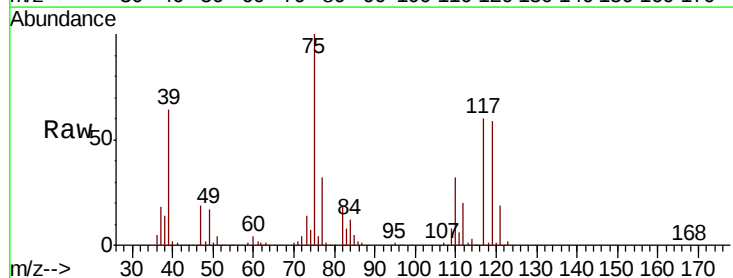
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

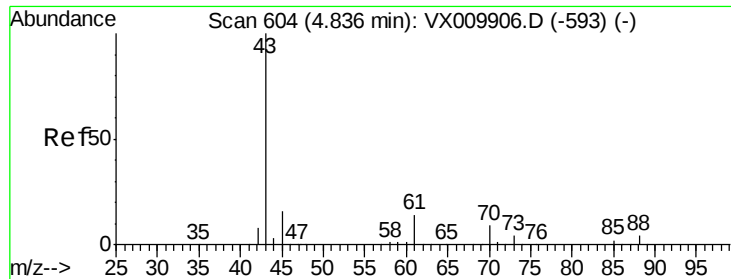
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.2
192	21.9	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 106.230 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009907.D
 Acq: 28 May 2019 11:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.7	50.1
77	30.8	25.0	37.4





#37

Ethyl Acetate

Concen: 109.780 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

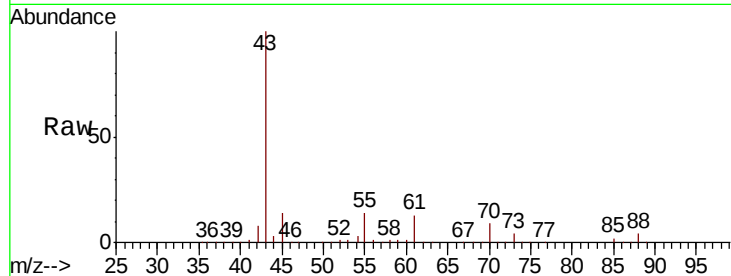
Tot Ion: 43 Resp: 391985

Ion Ratio Lower Upper

43 100

61 12.6 10.2 15.2

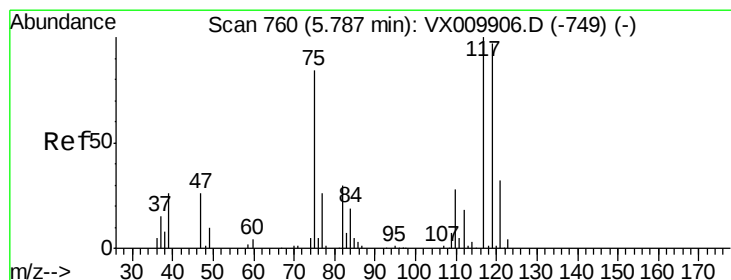
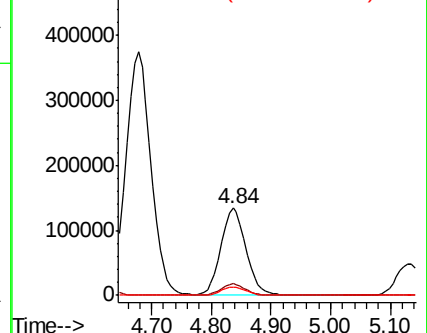
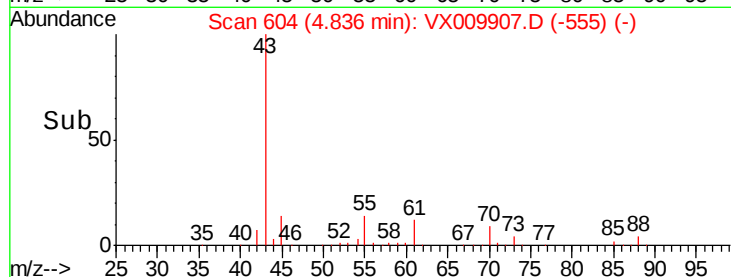
70 9.1 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 105.987 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

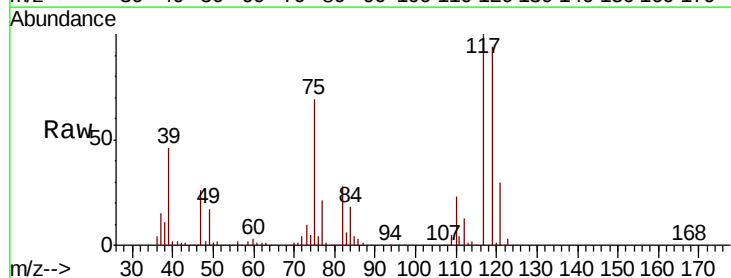
Tgt Ion: 117 Resp: 245042

Ion Ratio Lower Upper

117 100

119 93.5 77.3 115.9

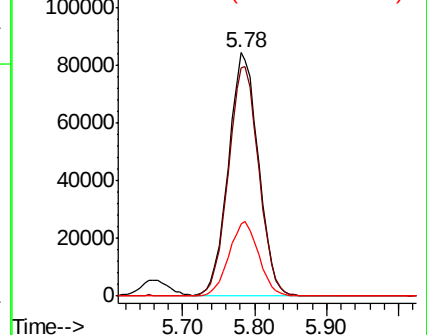
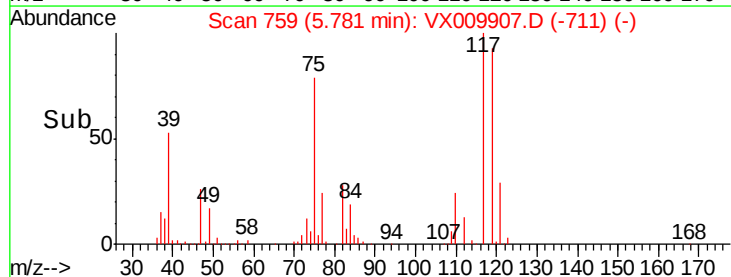
121 29.8 25.4 38.0

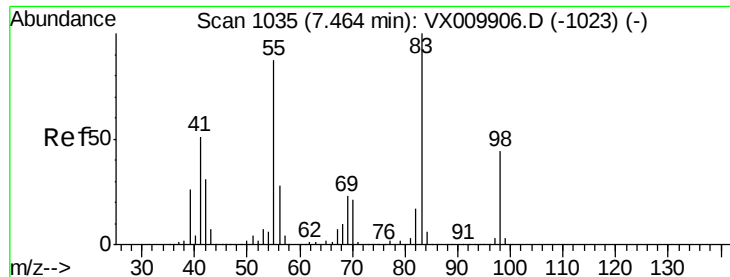


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

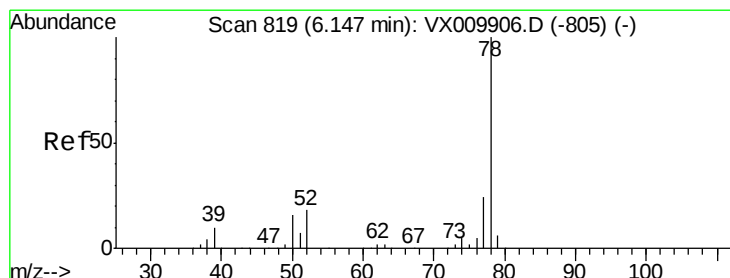
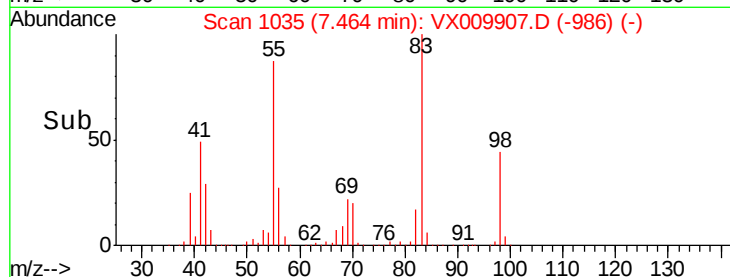
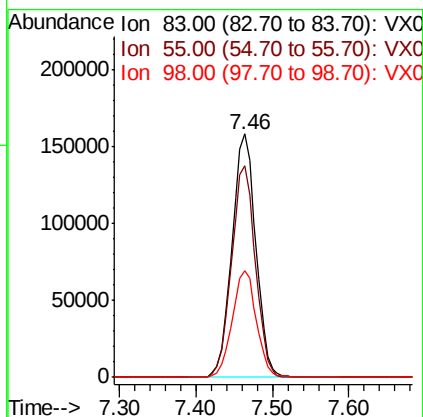
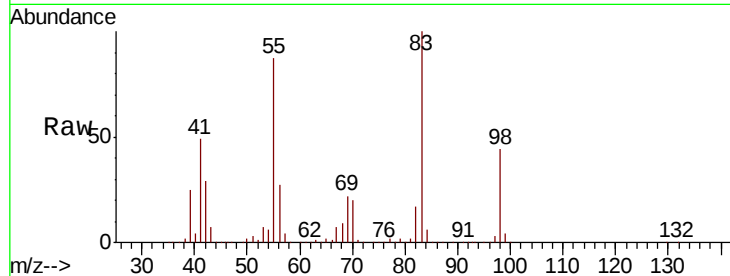




#39
Methvlcvclohexane
Concen: 108.759 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

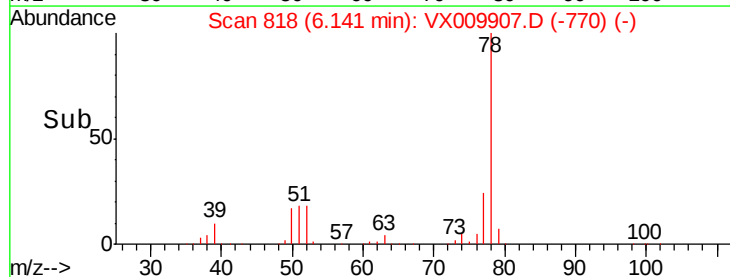
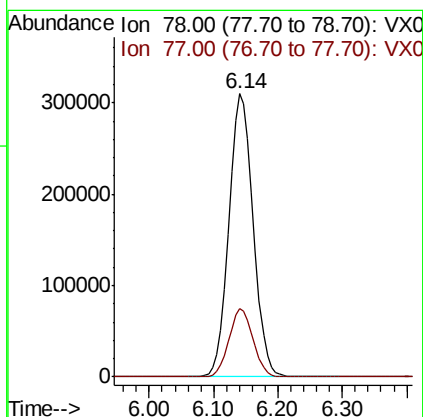
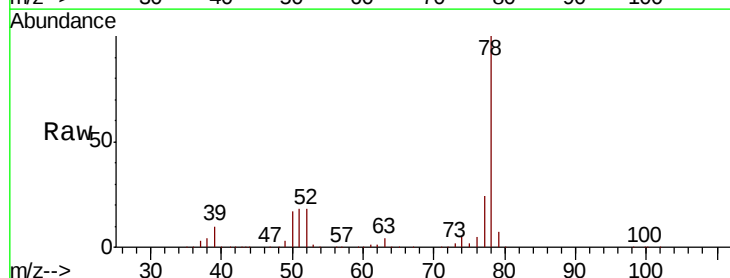
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

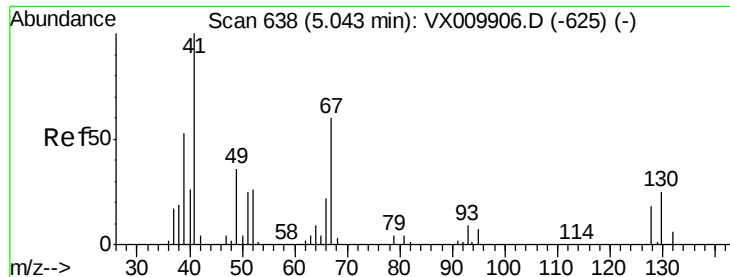
Tot Ion: 83 Resp: 341090
Ion Ratio Lower Upper
83 100
55 86.7 69.9 104.9
98 43.8 35.1 52.7



#40
Benzene
Concen: 104.029 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

Tgt Ion: 78 Resp: 817678
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8

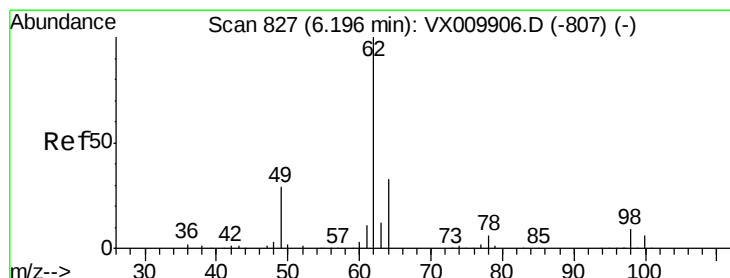
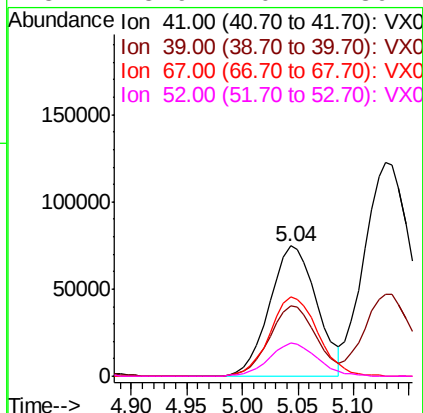
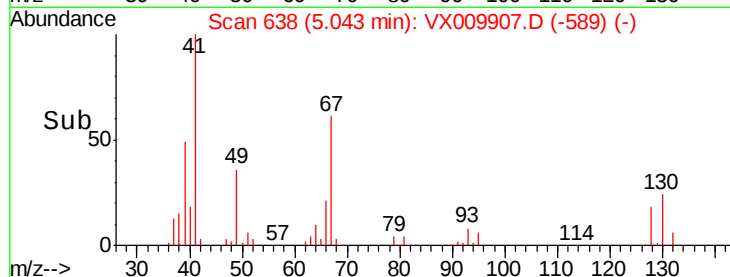
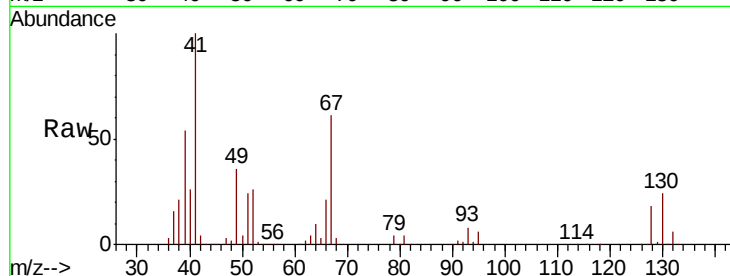




#41
Methacrylonitrile
Concen: 104.302 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

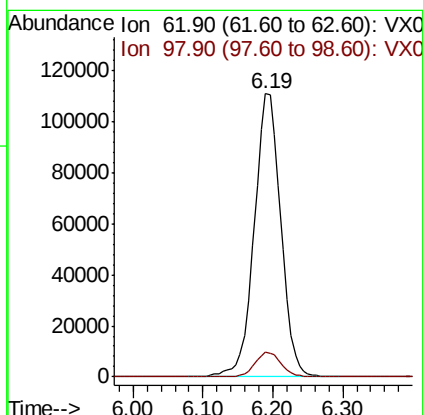
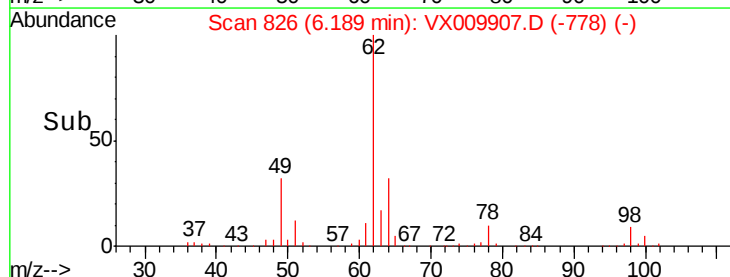
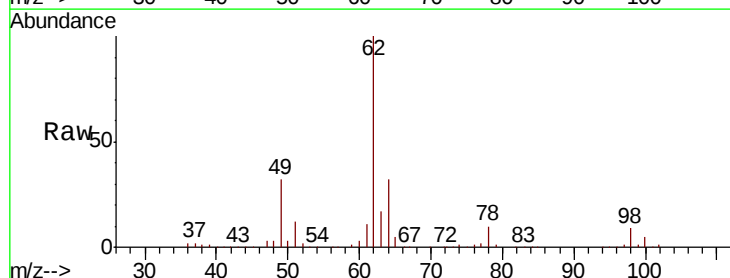
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

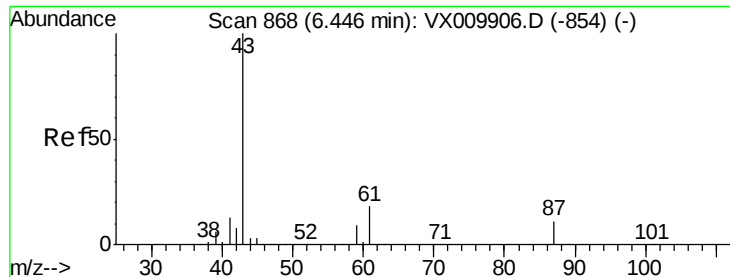
Tot Ion:	41	Resp:	220410
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.2	63.4
67	61.9	48.9	73.3
52	25.9	20.1	30.1



#42
1,2-Dichloroethane
Concen: 103.266 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

Tgt Ion:	62	Resp:	292327
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2



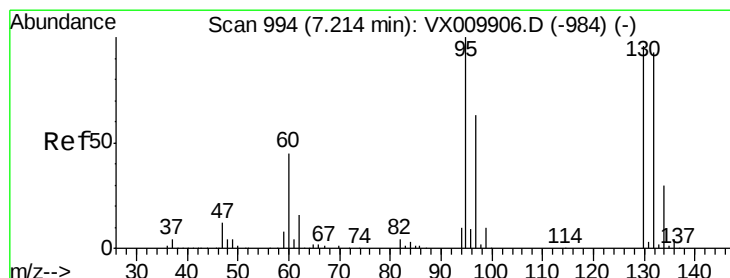
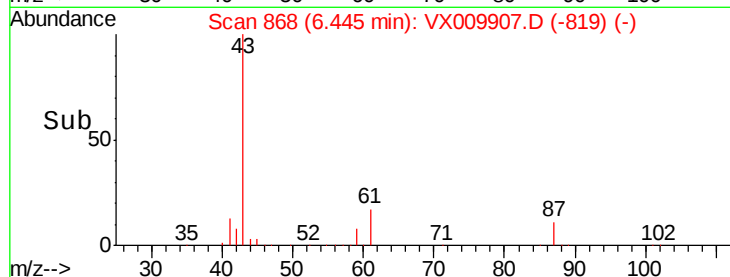
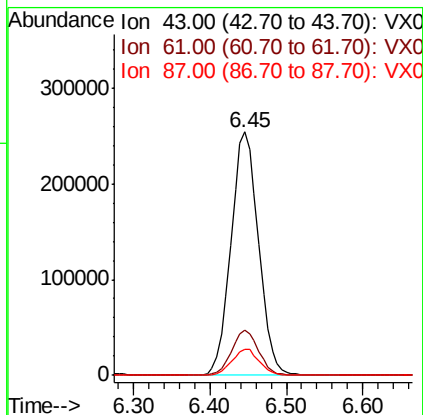
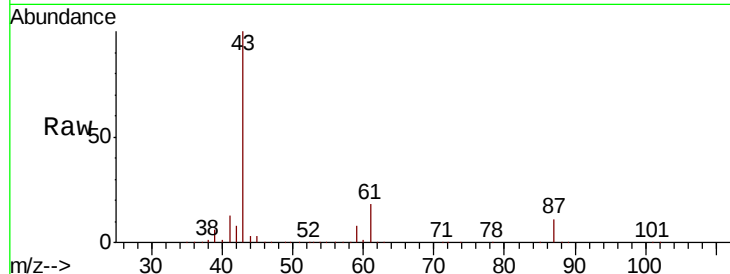


#43

Isopropyl Acetate
 Concen: 110.649 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009907.D
 Acq: 28 May 2019 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

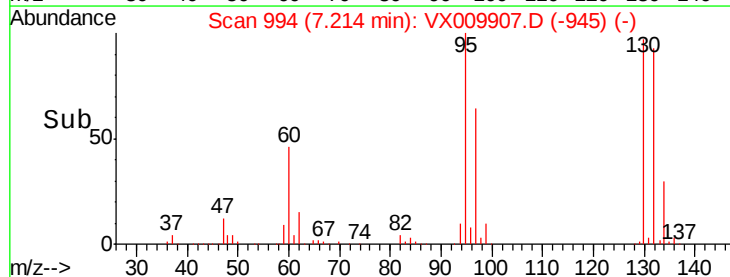
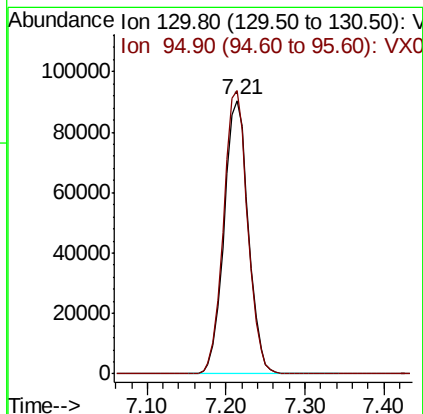
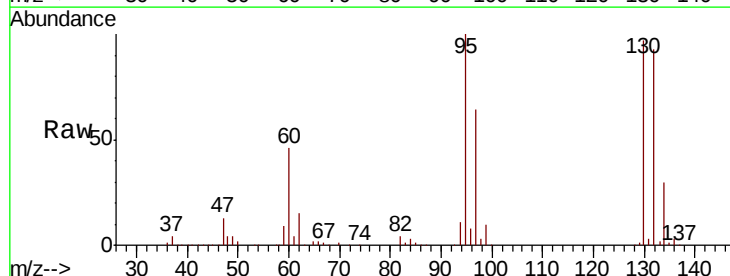
Tot Ion: 43 Resp: 629788
 Ion Ratio Lower Upper
 43 100
 61 18.4 14.6 21.8
 87 10.8 8.7 13.1

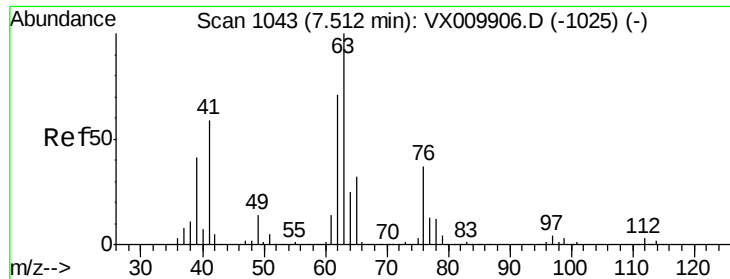


#44

Trichloroethene
 Concen: 102.277 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009907.D
 Acq: 28 May 2019 11:30

Tgt Ion:130 Resp: 194072
 Ion Ratio Lower Upper
 130 100
 95 103.5 0.0 207.4

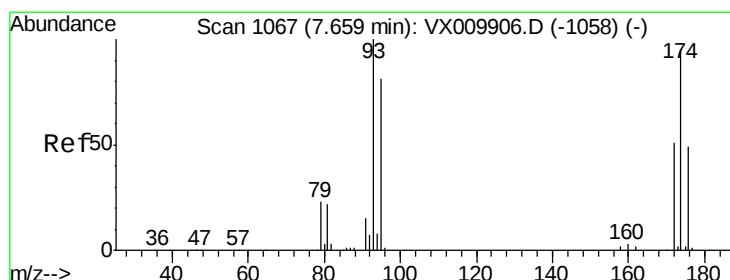
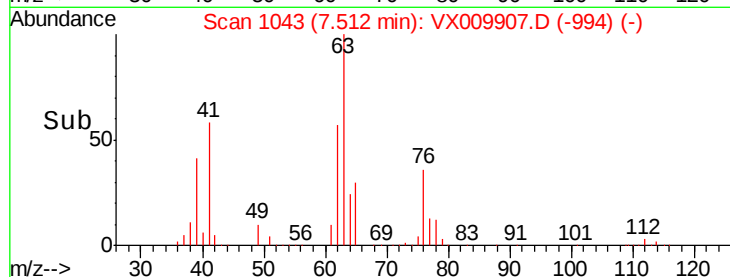
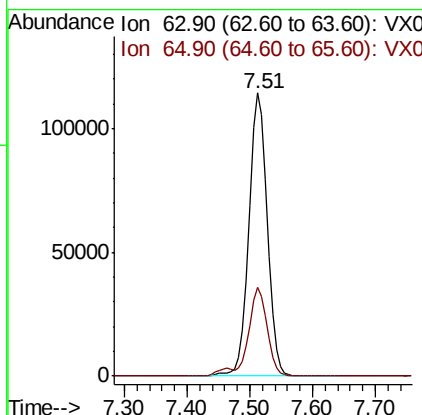
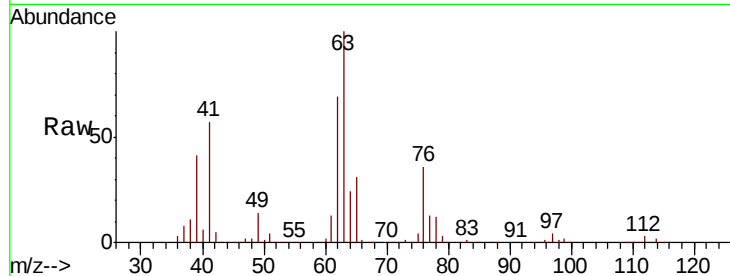




#45
 1,2-Dichloropropane
 Concen: 104.431 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009907.D
 Acq: 28 May 2019 11:30

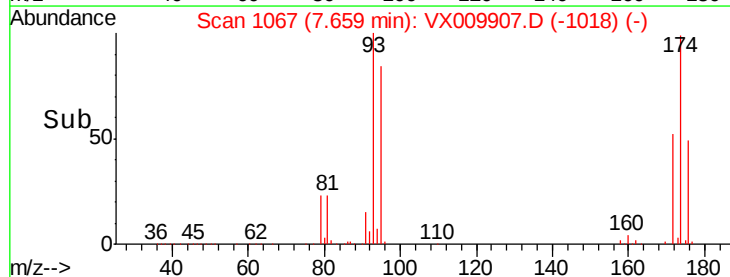
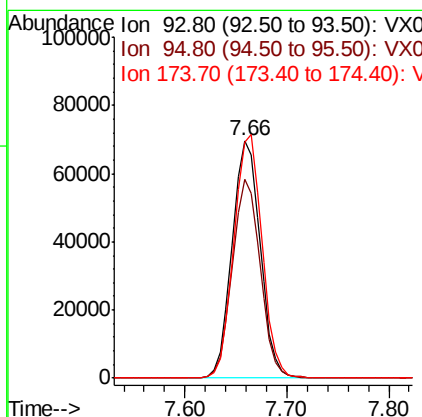
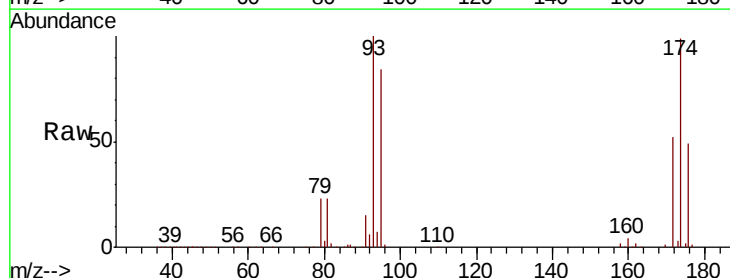
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

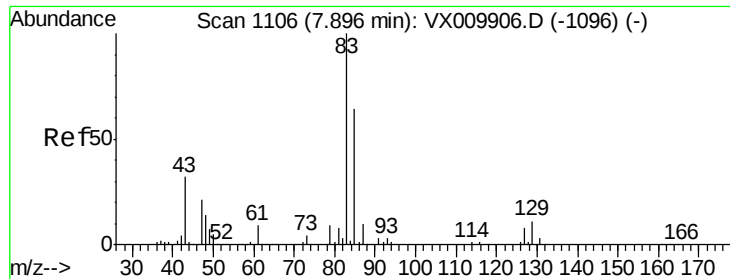
Tot Ion: 63 Resp: 232382
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.7 38.5



#46
 Dibromomethane
 Concen: 102.842 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009907.D
 Acq: 28 May 2019 11:30

Tgt Ion: 93 Resp: 132823
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.8 100.2
 174 102.9 81.9 122.9





#47

Bromodichloromethane

Concen: 106.003 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

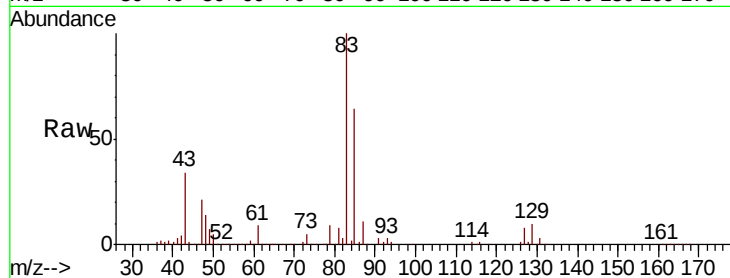
Tot Ion: 83 Resp: 272589

Ion Ratio Lower Upper

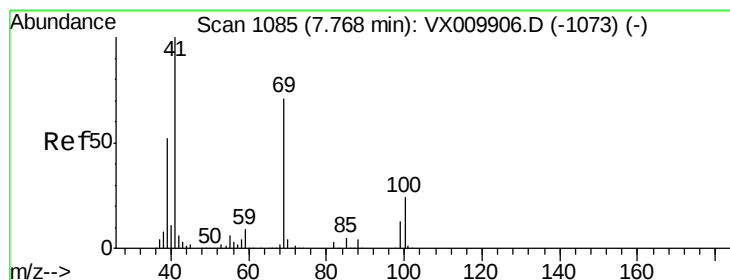
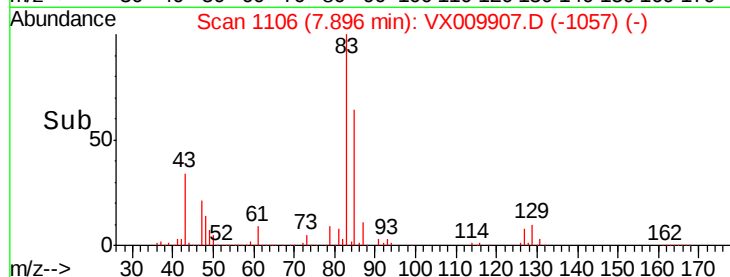
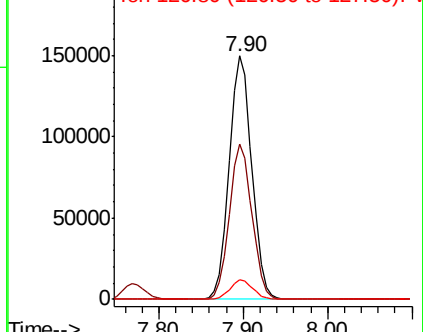
83 100

85 64.0 51.4 77.2

127 8.2 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 113.412 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

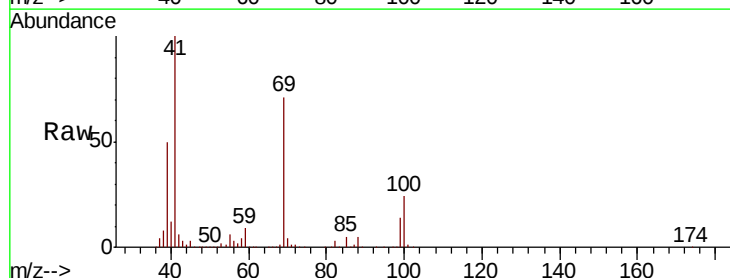
Tgt Ion: 41 Resp: 321355

Ion Ratio Lower Upper

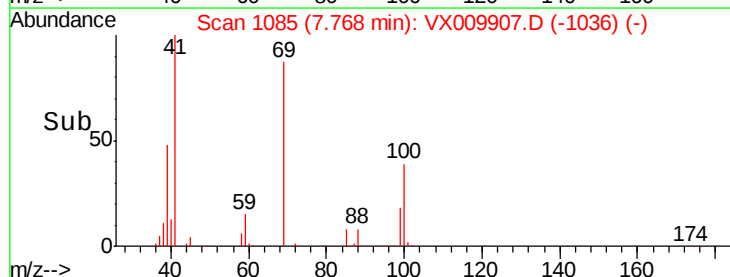
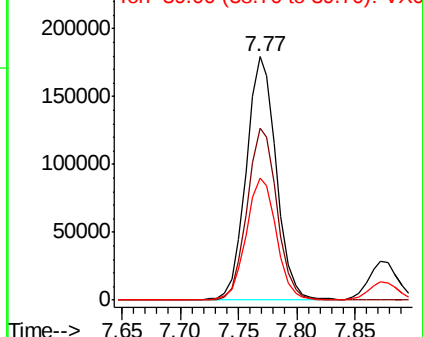
41 100

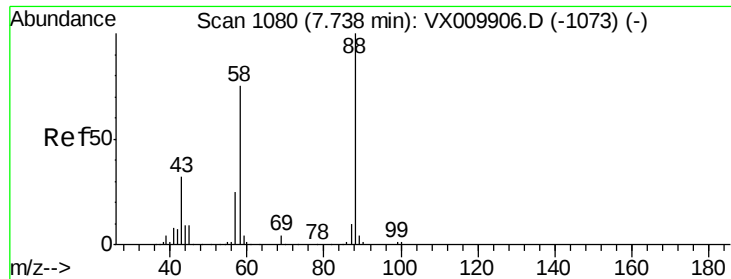
69 70.7 56.4 84.6

39 50.5 40.6 60.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

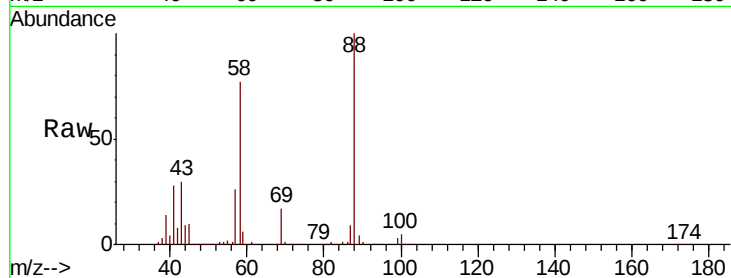




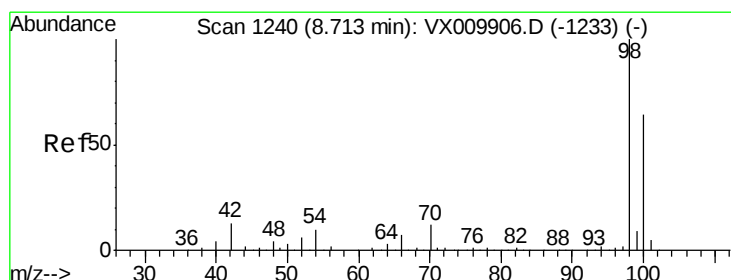
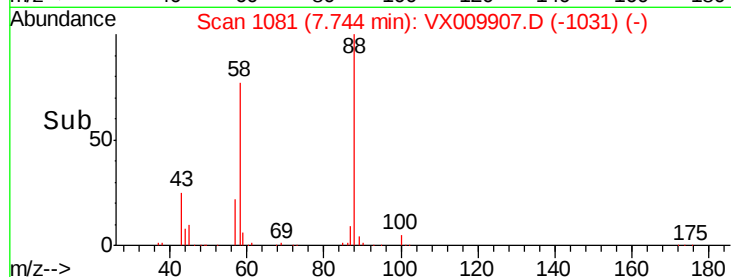
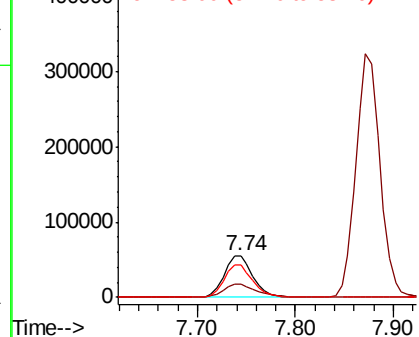
#49
1,4-Dioxane
Concen: 1955.871 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 88 Resp: 110883
Ion Ratio Lower Upper
88 100
43 37.4 30.2 45.4
58 79.1 64.0 96.0

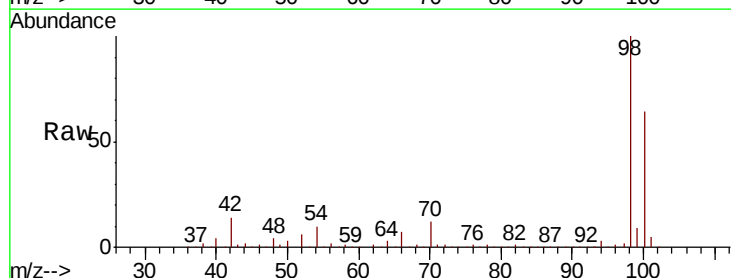


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

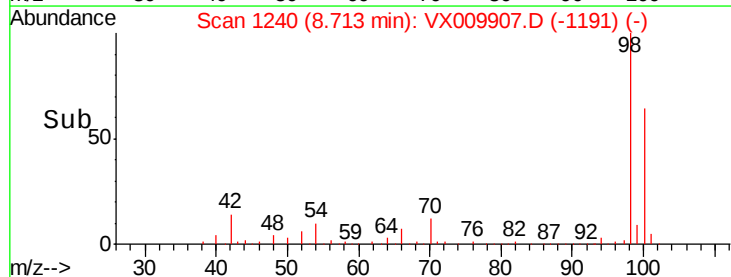
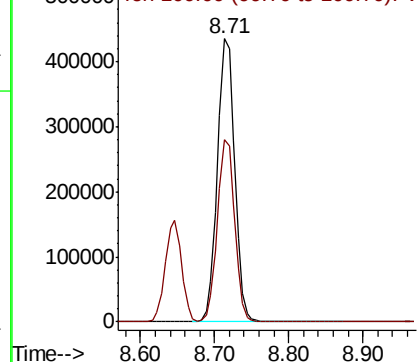


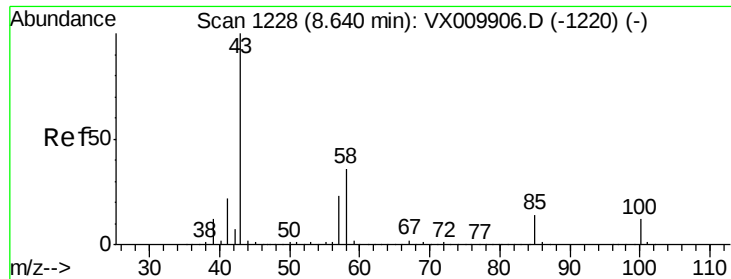
#50
Toluene-d8
Concen: 101.710 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

Tgt Ion: 98 Resp: 694044
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 543.651 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

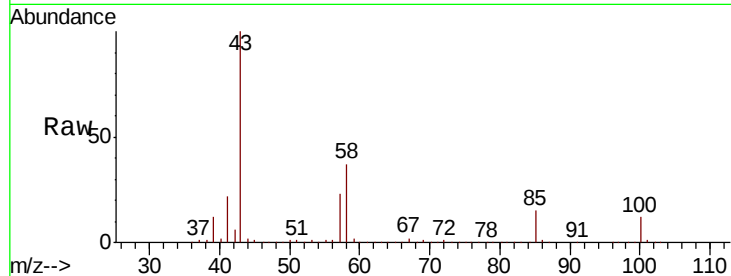
VSTDIC100

Tot Ion: 43 Resp: 2027700

Ion Ratio Lower Upper

43 100

58 36.4 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX009906.D (-1220) (-)

Ion 58.00 (57.70 to 58.70): VX009906.D (-1220) (-)

8.65

1500000

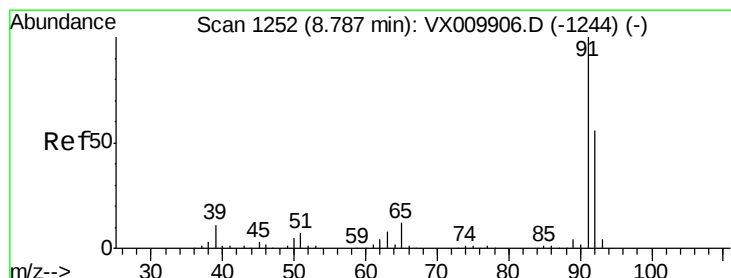
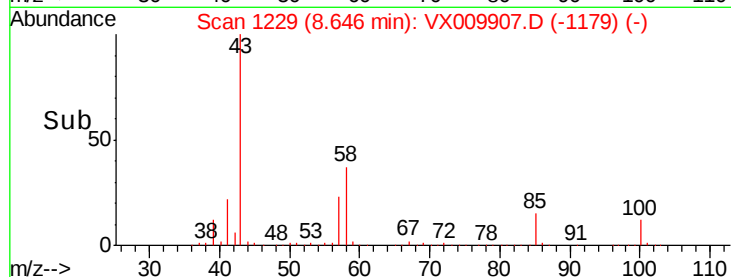
1000000

500000

0

Time-->

8.55 8.60 8.65 8.70



#52

Toluene

Concen: 104.573 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009907.D

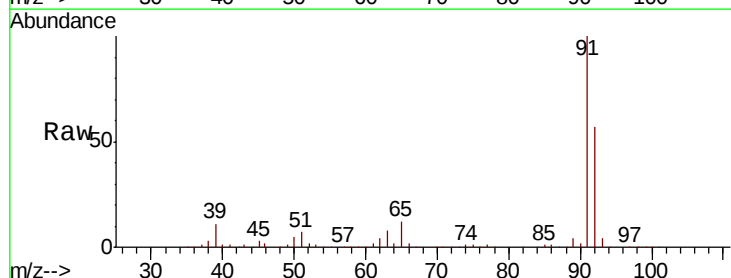
Acq: 28 May 2019 11:30

Tgt Ion: 92 Resp: 499777

Ion Ratio Lower Upper

92 100

91 174.0 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX009906.D (-1244) (-)

Ion 91.00 (90.70 to 91.70): VX009906.D (-1244) (-)

8.79

600000

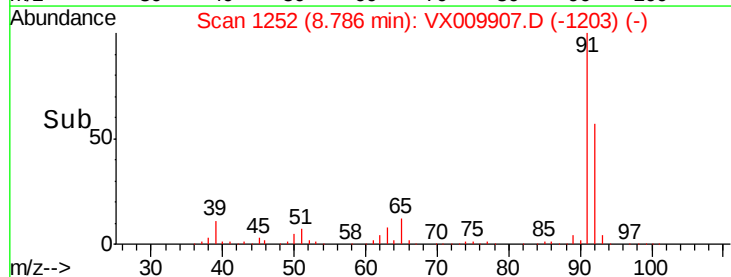
400000

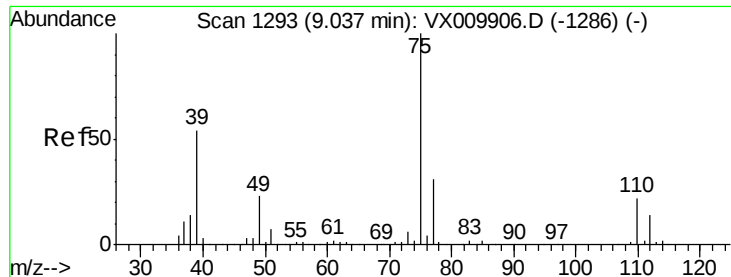
200000

0

Time-->

8.70 8.80 8.90 9.00

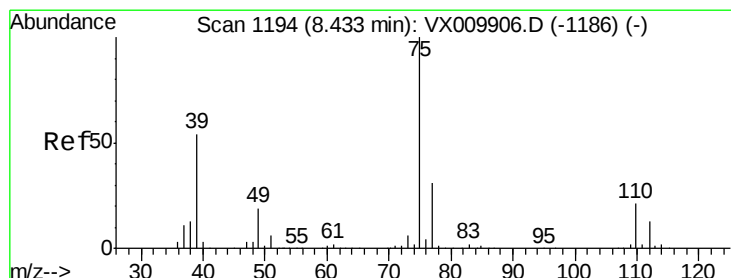
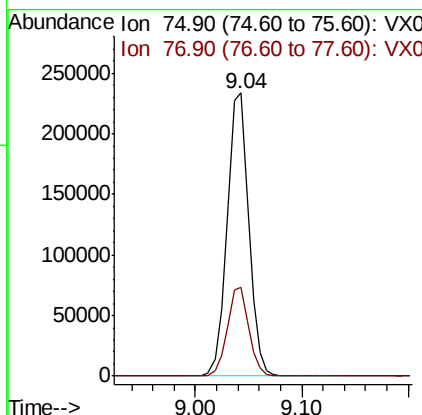
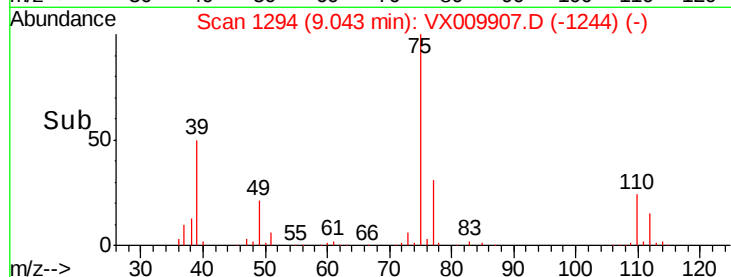
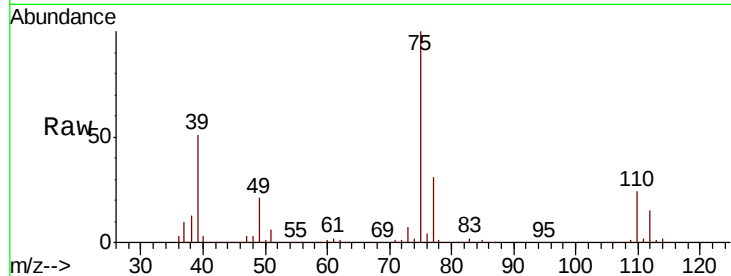




#53
 t-1,3-Dichloropropene
 Concen: 114.120 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX009907.D
 Acq: 28 May 2019 11:30

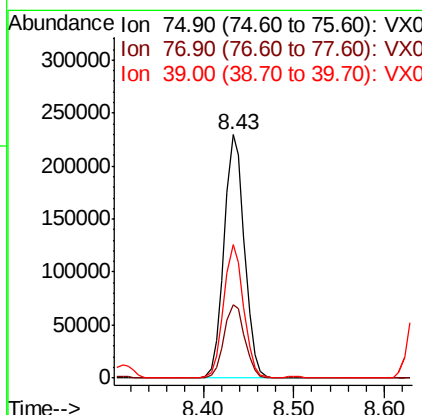
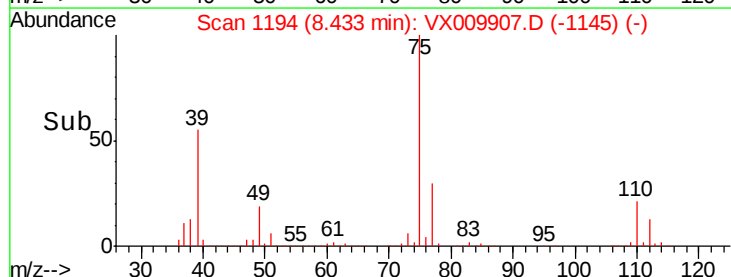
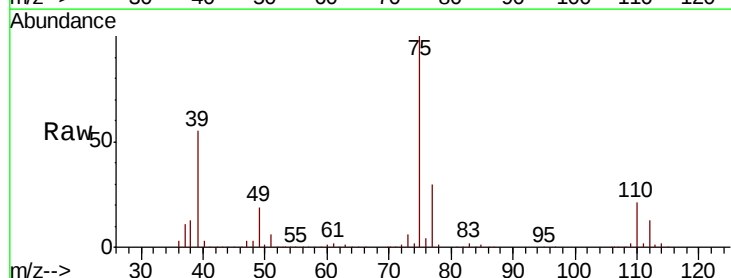
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

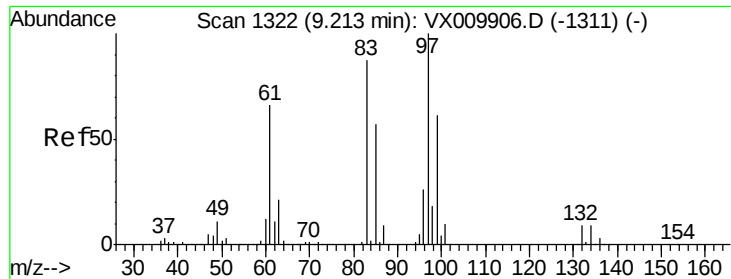
Tot Ion: 75 Resp: 333965
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 111.134 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009907.D
 Acq: 28 May 2019 11:30

Tgt Ion: 75 Resp: 358586
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.8 37.2
 39 54.7 43.4 65.0

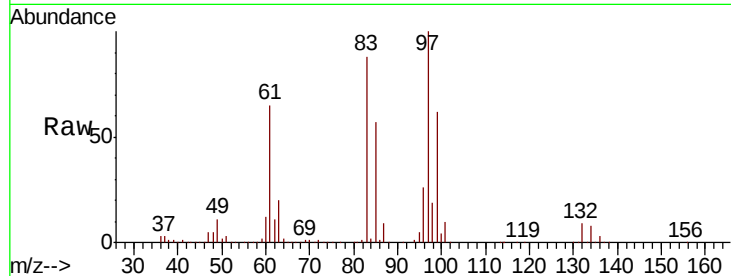




#55
 1,1,2-Trichloroethane
 Concen: 103.263 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009907.D
 Acq: 28 May 2019 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	200306
Ion	Ratio	Lower	Upper
97	100		
83	88.5	69.8	104.8
85	56.8	45.3	67.9
99	62.1	49.0	73.4



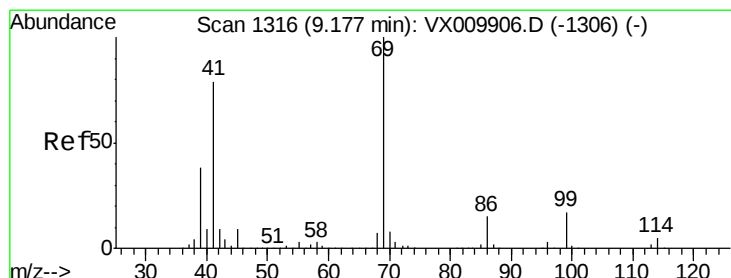
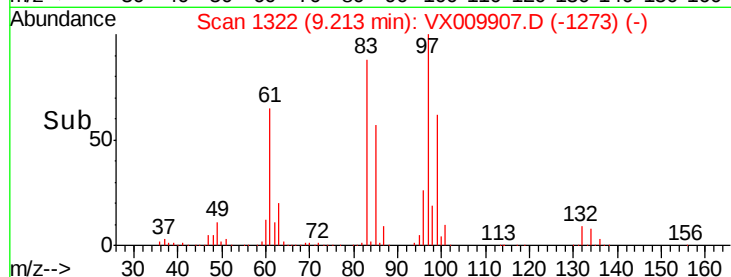
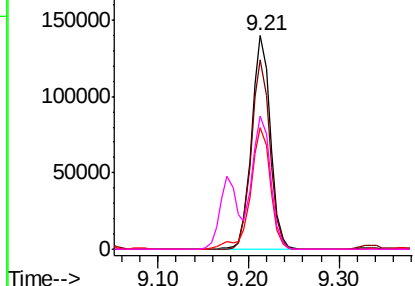
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

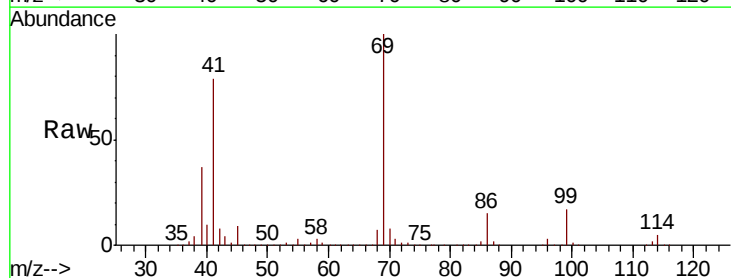
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 108.579 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009907.D
 Acq: 28 May 2019 11:30

Tgt Ion:	69	Resp:	378659
Ion	Ratio	Lower	Upper
69	100		
41	78.6	62.7	94.1
39	37.0	29.5	44.3

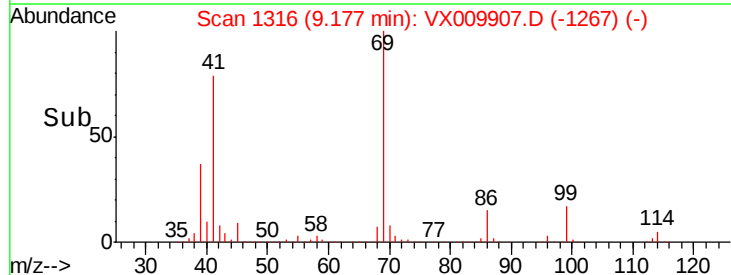
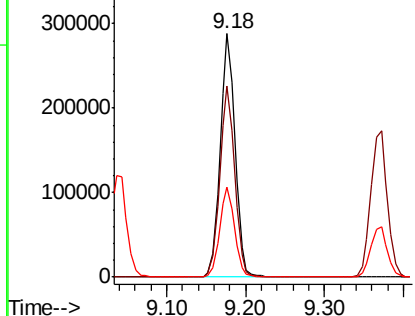


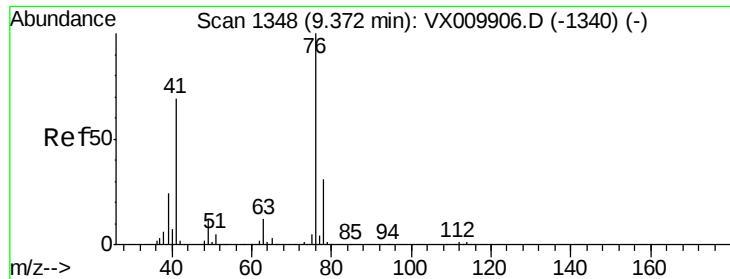
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

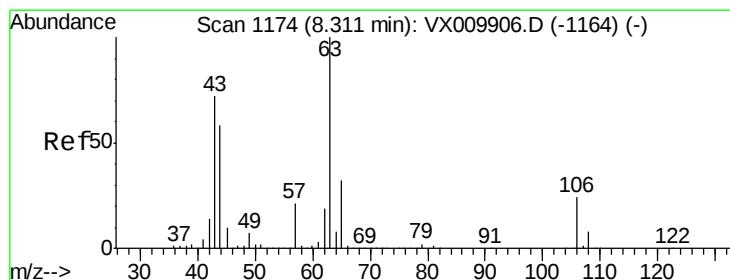
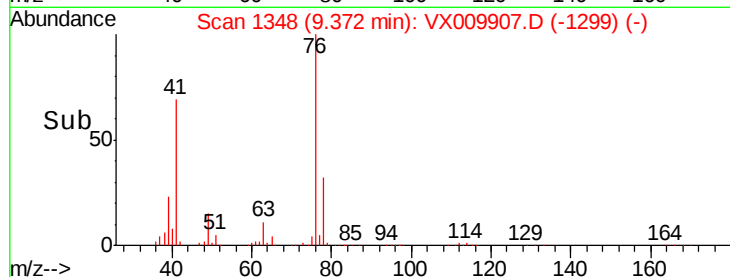
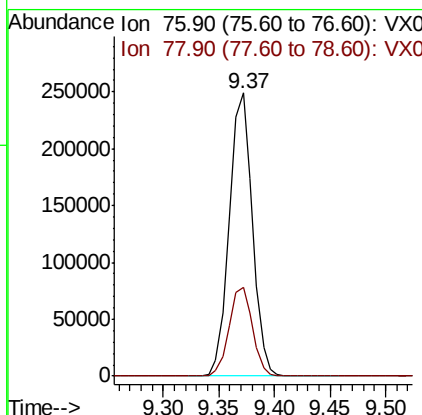
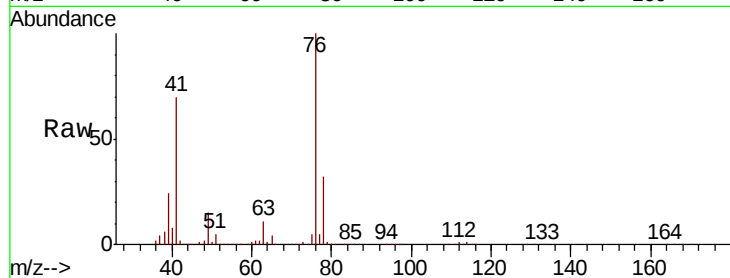




#57
 1,3-Dichloropropane
 Concen: 104.157 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009907.D
 Acq: 28 May 2019 11:30

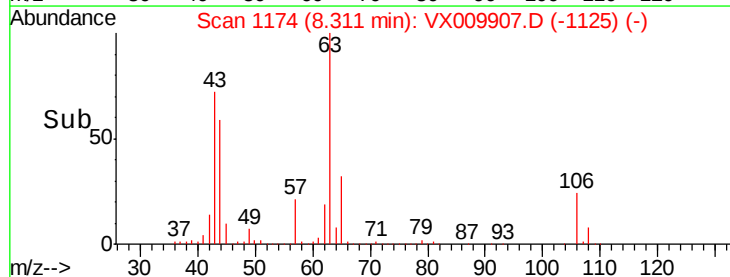
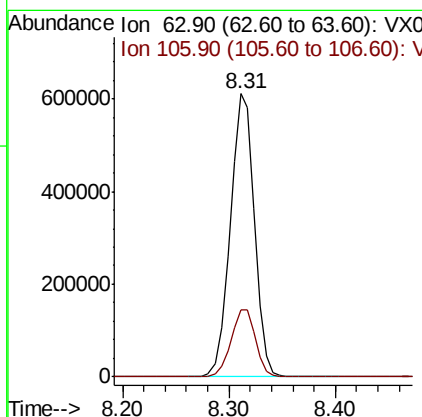
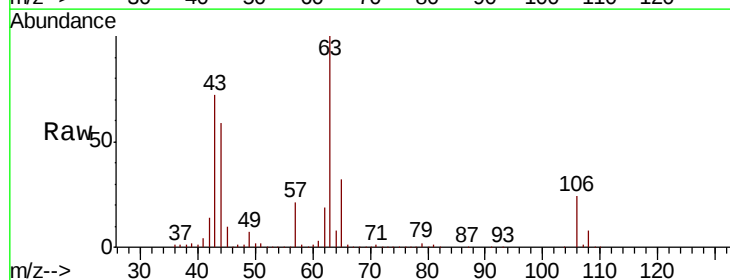
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

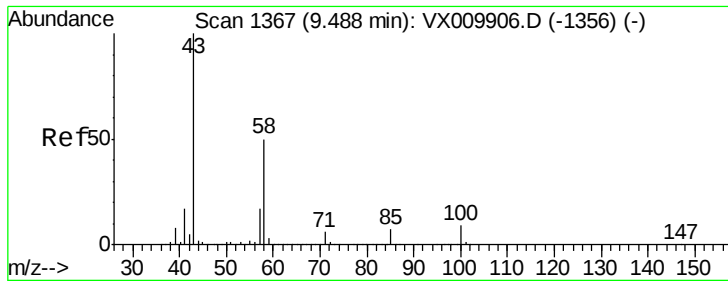
Tot Ion: 76 Resp: 357110
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 527.130 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009907.D
 Acq: 28 May 2019 11:30

Tgt Ion: 63 Resp: 965123
 Ion Ratio Lower Upper
 63 100
 106 24.3 19.4 29.2





#59

2-Hexanone

Concen: 532.272 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

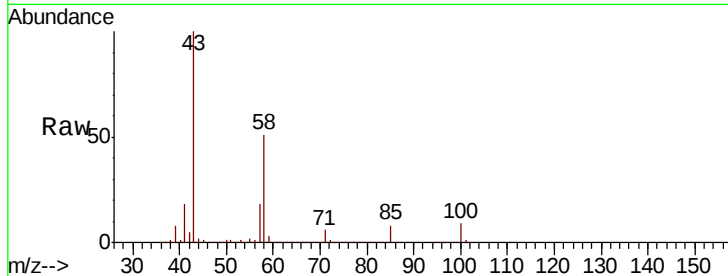
VSTDIC100

Tot Ion: 43 Resp: 1557776

Ion Ratio Lower Upper

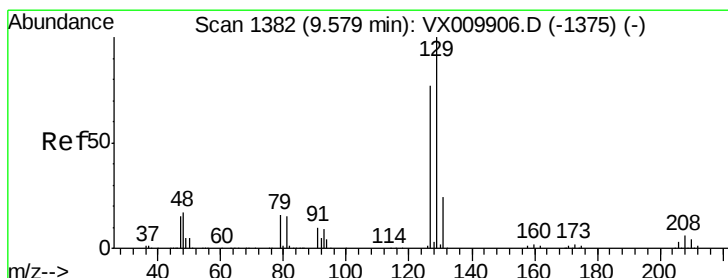
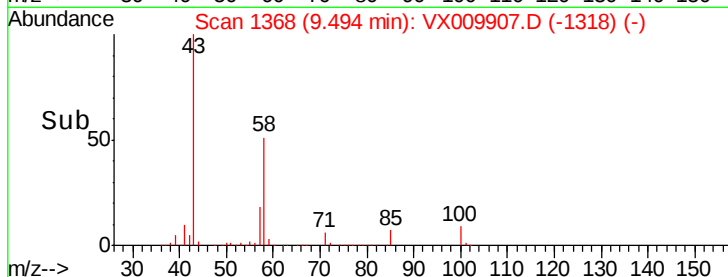
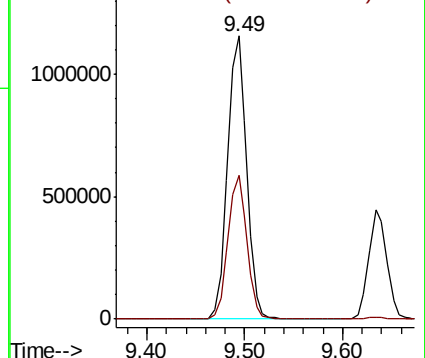
43 100

58 50.6 25.1 75.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 110.223 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX009907.D

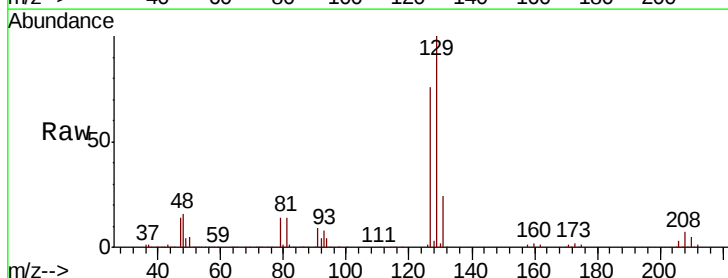
Acq: 28 May 2019 11:30

Tgt Ion:129 Resp: 209625

Ion Ratio Lower Upper

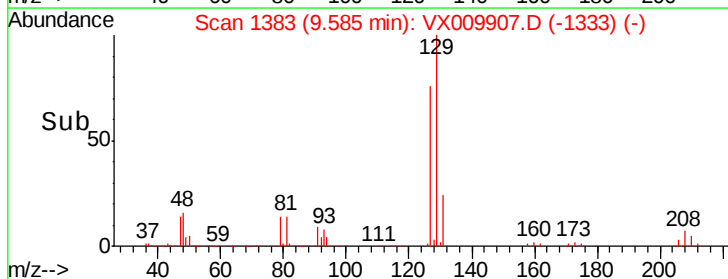
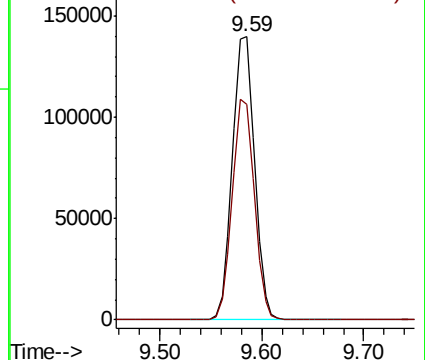
129 100

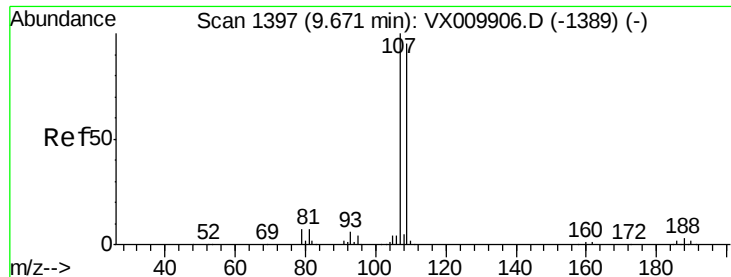
127 77.6 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 105.913 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

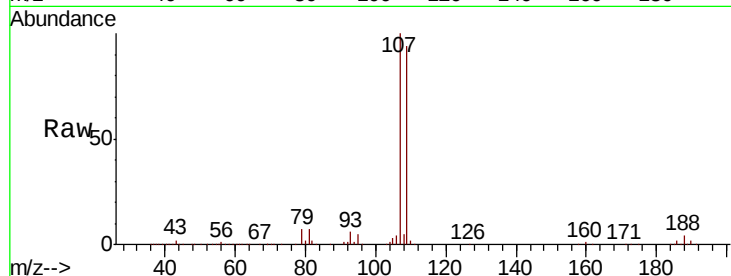
VSTDIC100

Tot Ion:107 Resp: 207724

Ion Ratio Lower Upper

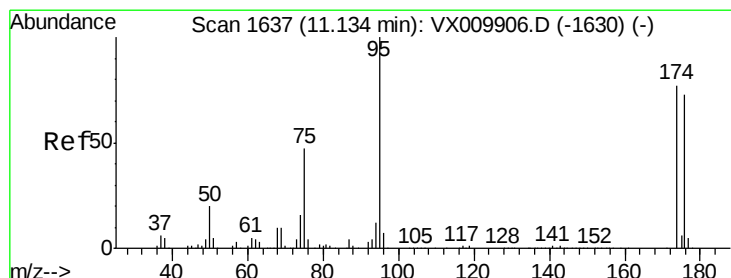
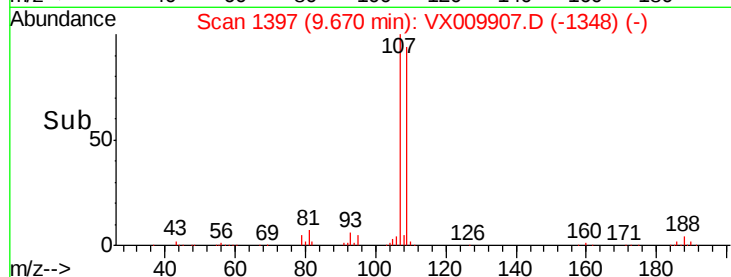
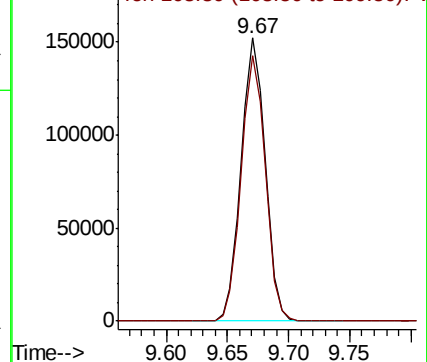
107 100

109 94.3 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 102.864 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

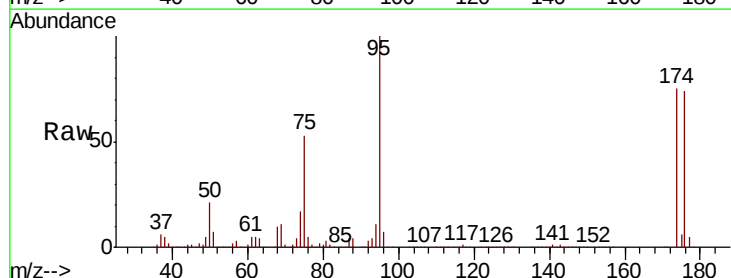
Tgt Ion: 95 Resp: 255706

Ion Ratio Lower Upper

95 100

174 80.1 0.0 160.4

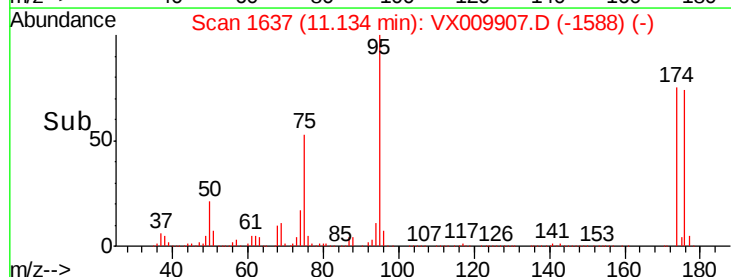
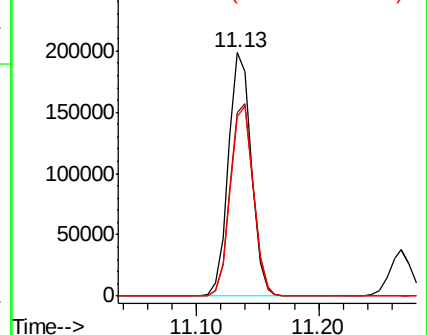
176 78.8 0.0 154.6

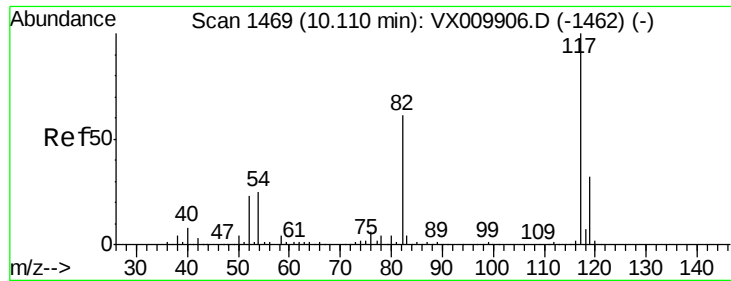


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

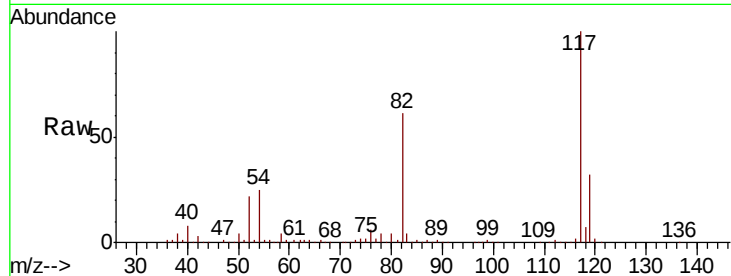




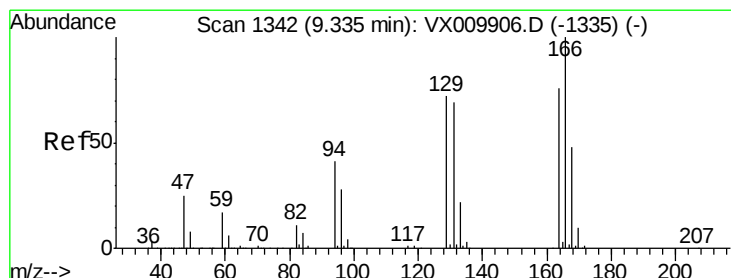
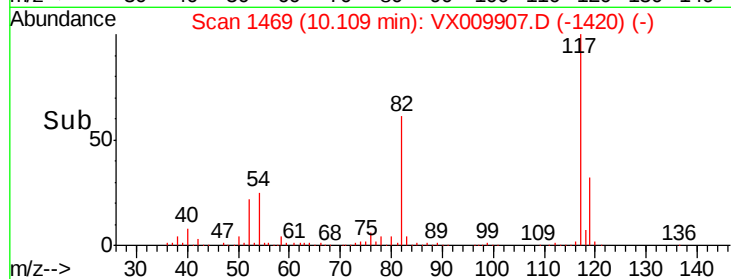
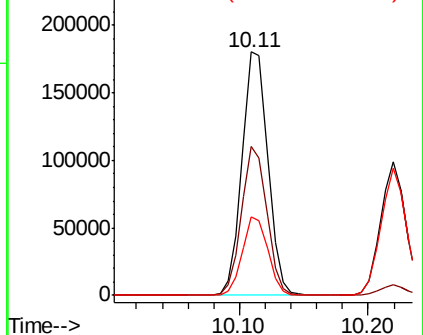
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:117 Resp: 250690
Ion Ratio Lower Upper
117 100
82 61.2 49.2 73.8
119 32.4 25.2 37.8

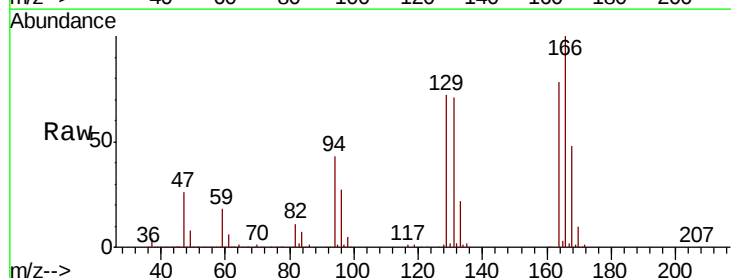


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

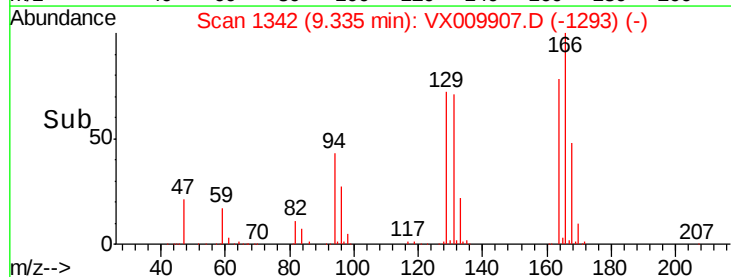
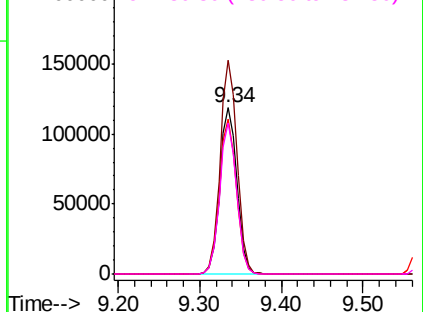


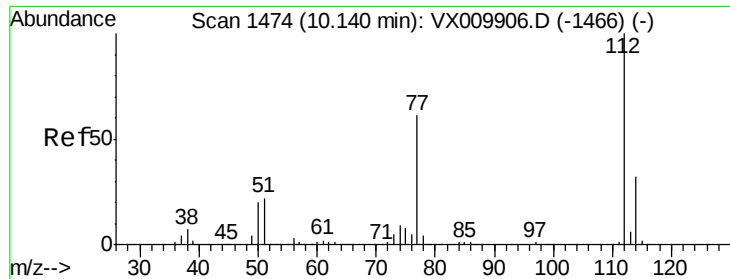
#64
Tetrachloroethene
Concen: 100.317 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

Tgt Ion:164 Resp: 173843
Ion Ratio Lower Upper
164 100
166 128.5 105.0 157.4
129 93.0 75.1 112.7
131 91.3 72.2 108.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

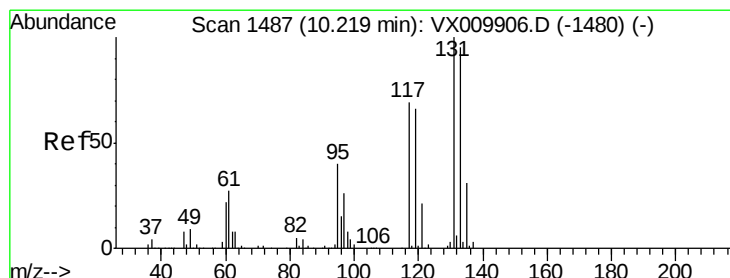
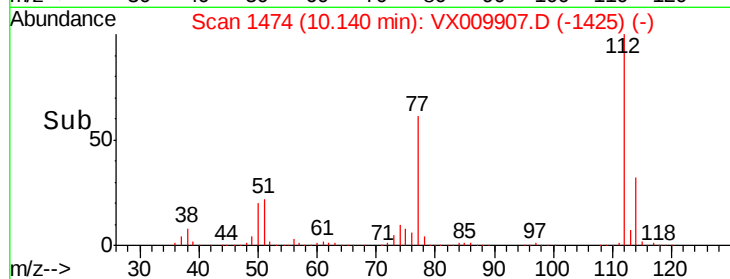
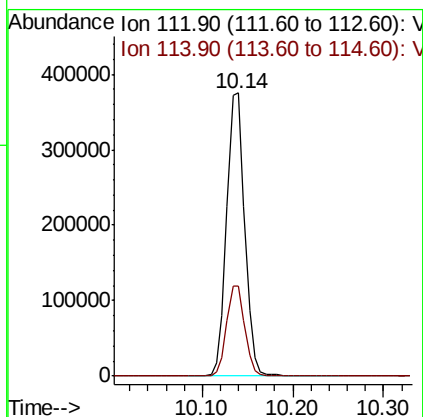
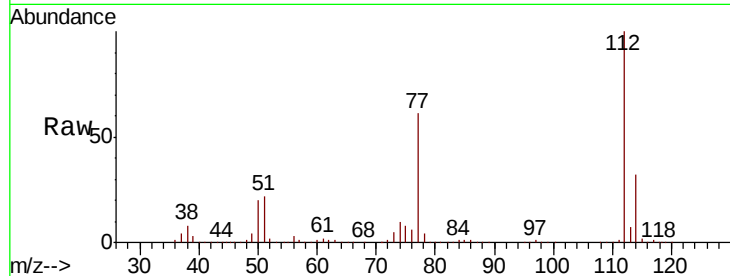




#65
Chlorobenzene
Concen: 103.270 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

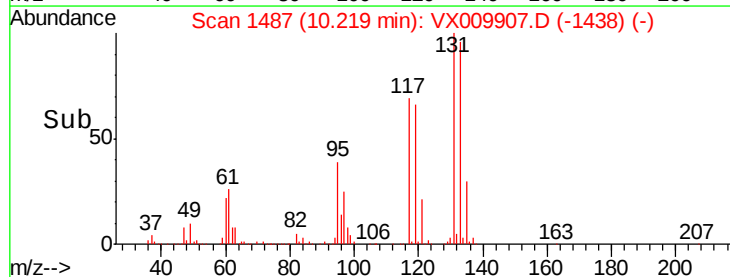
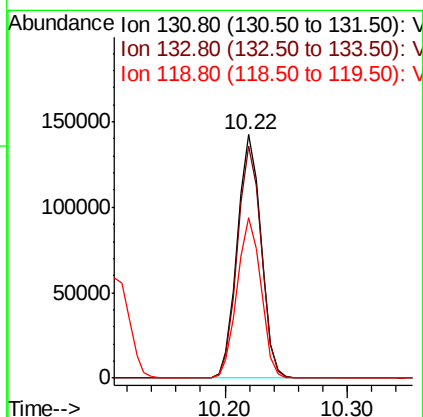
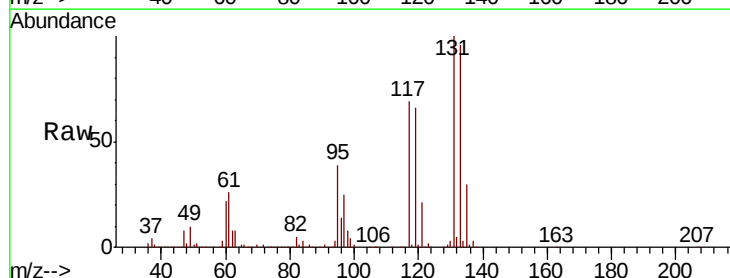
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

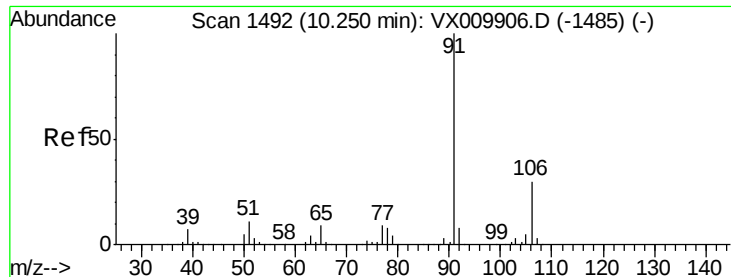
Tot Ion:112 Resp: 521085
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 104.250 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

Tgt Ion:131 Resp: 190460
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.6
119 66.5 33.4 100.1

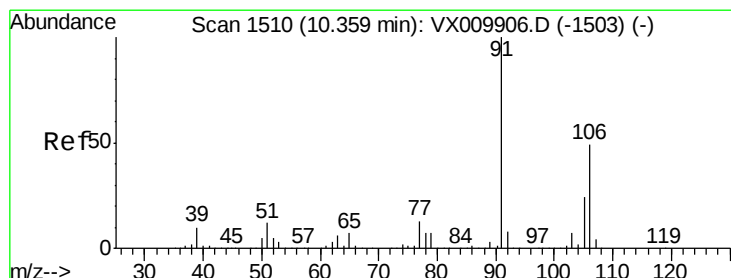
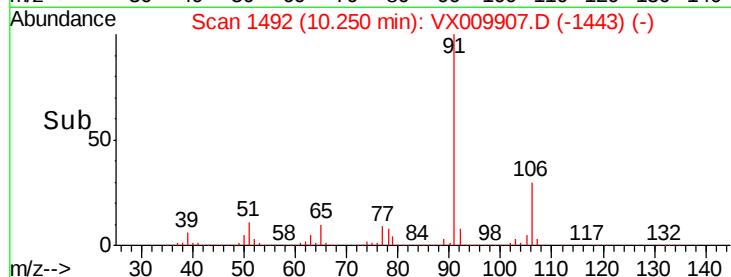
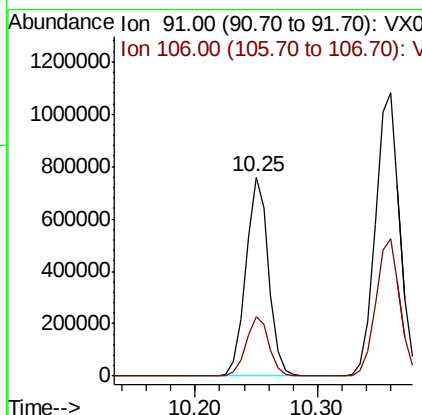
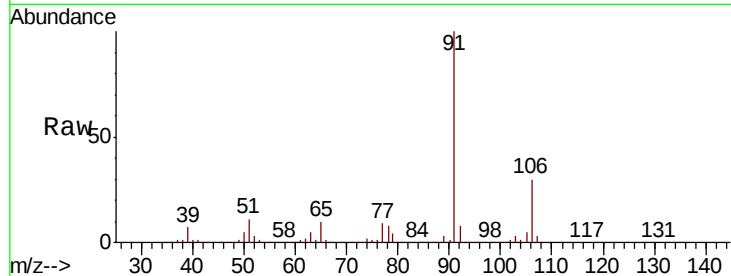




#67
Ethyl Benzene
Concen: 104.651 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

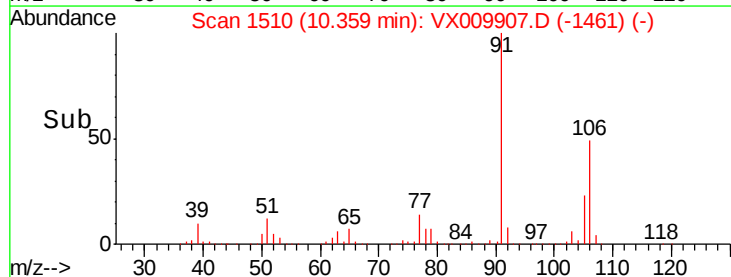
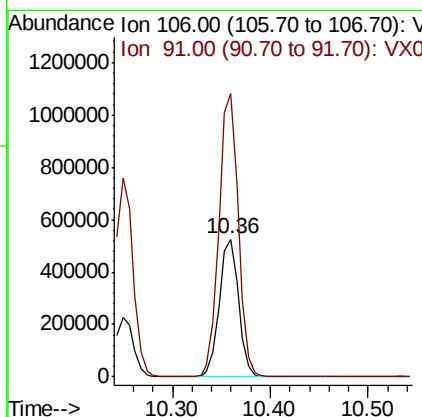
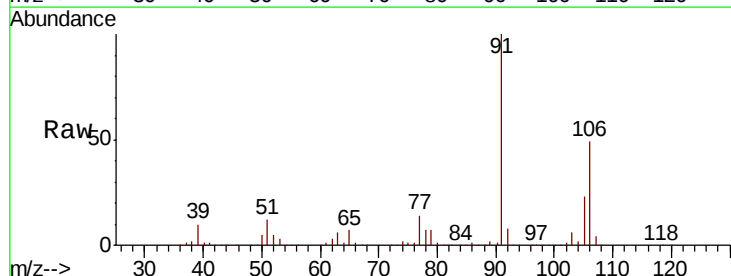
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

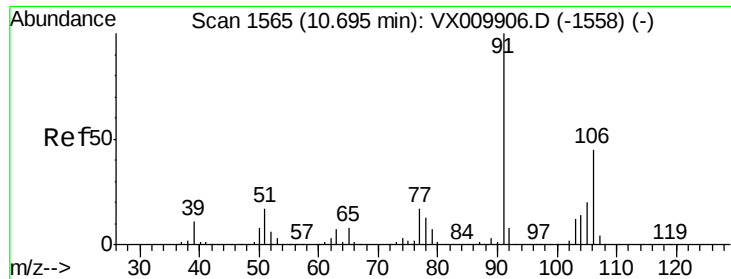
Tot Ion: 91 Resp: 972145
Ion Ratio Lower Upper
91 100
106 29.8 23.9 35.9



#68
m/p-Xylenes
Concen: 211.276 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

Tgt Ion: 106 Resp: 717907
Ion Ratio Lower Upper
106 100
91 206.9 167.3 250.9

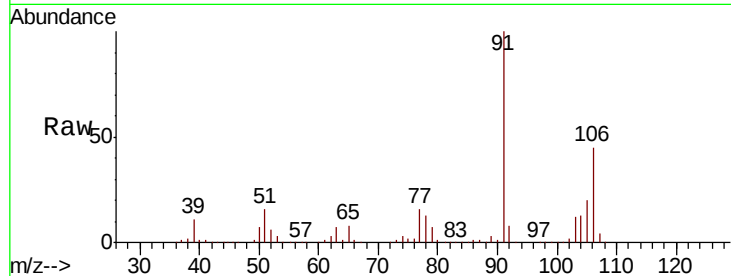




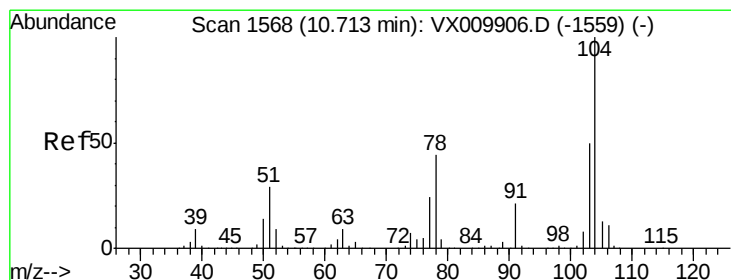
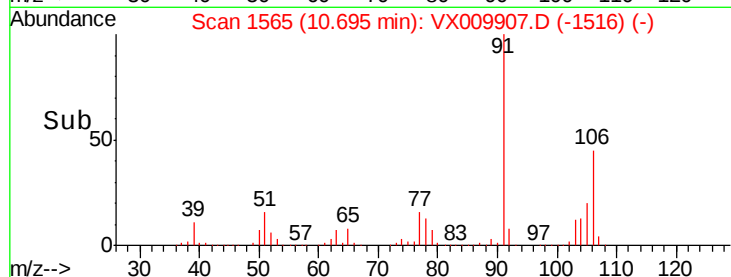
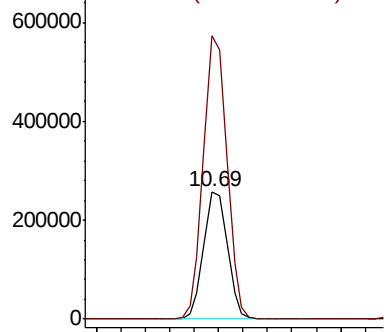
#69
o-Xylene
Concen: 103.555 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 346958
Ion Ratio Lower Upper
106 100
91 220.3 110.4 331.2

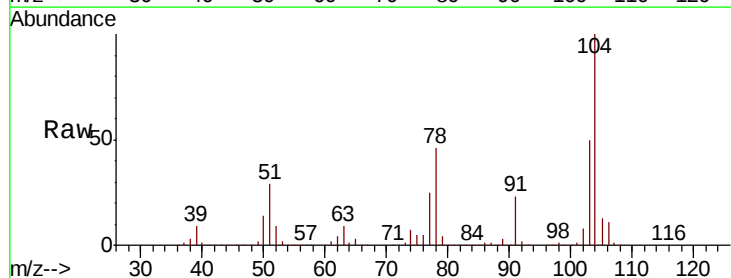


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

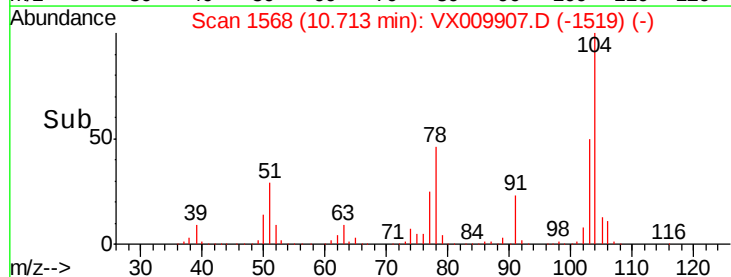
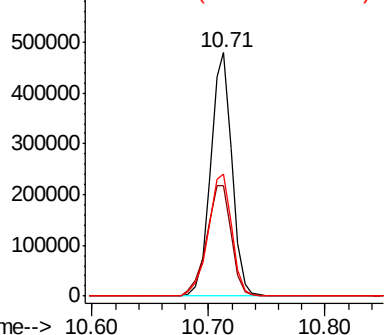


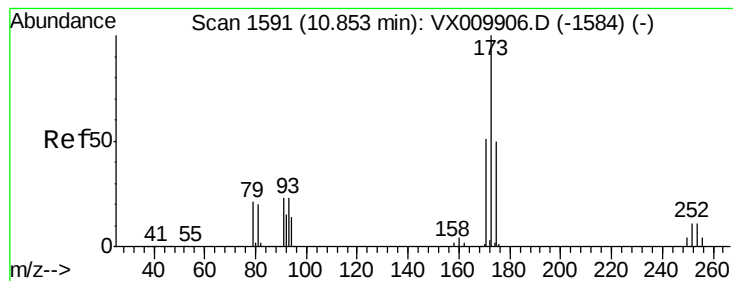
#70
Styrene
Concen: 105.088 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

Tgt Ion:104 Resp: 610406
Ion Ratio Lower Upper
104 100
78 52.9 42.1 63.1
103 55.6 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 108.828 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

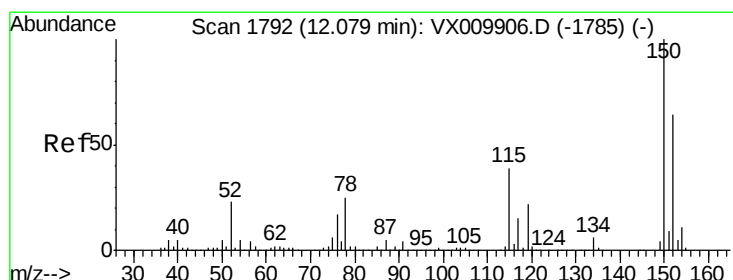
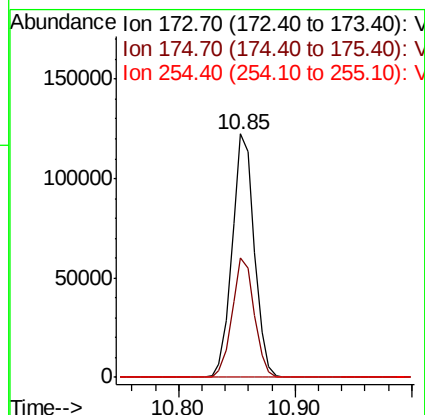
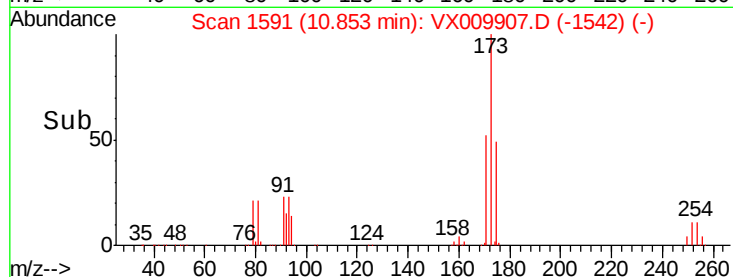
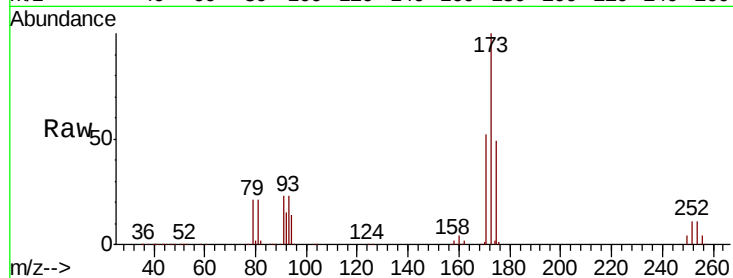
Tot Ion:173 Resp: 161826

Ion Ratio Lower Upper

173 100

175 48.8 25.0 75.0

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

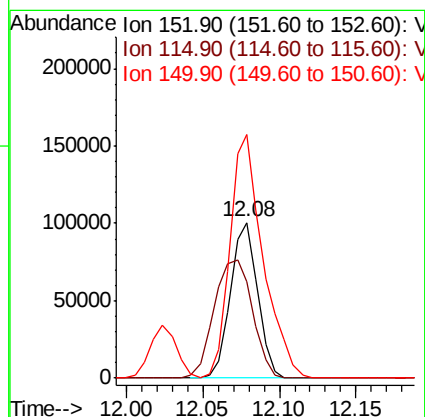
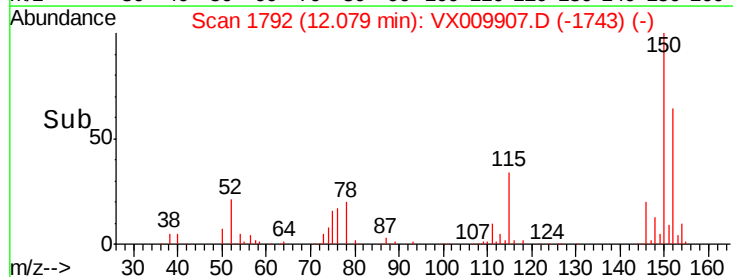
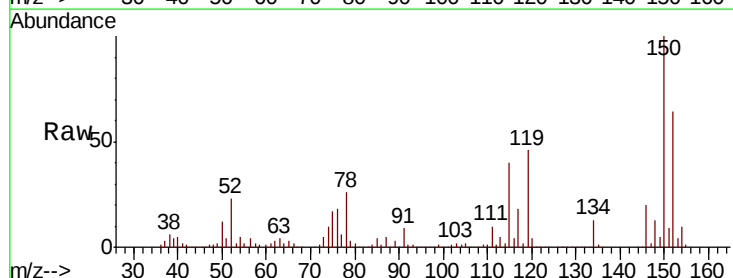
Tgt Ion:152 Resp: 123032

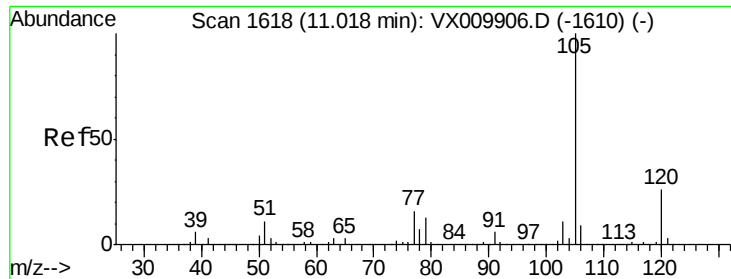
Ion Ratio Lower Upper

152 100

115 108.1 41.4 124.2

150 191.5 0.0 345.2

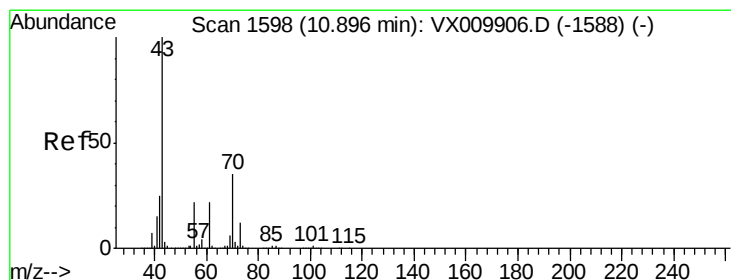
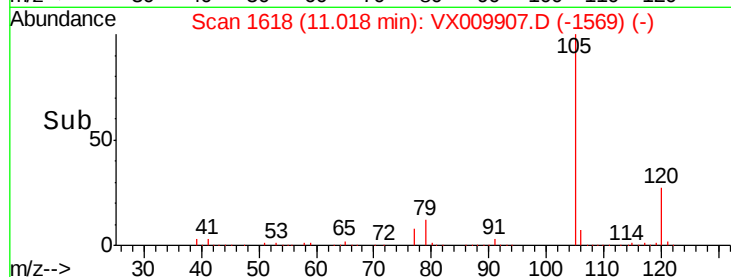
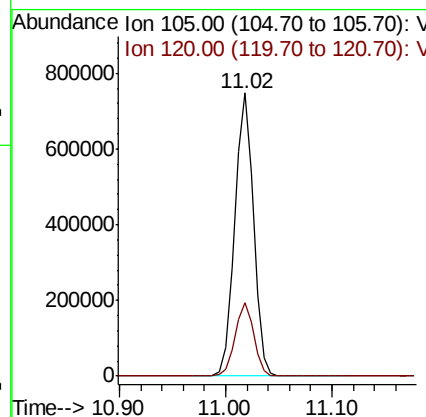
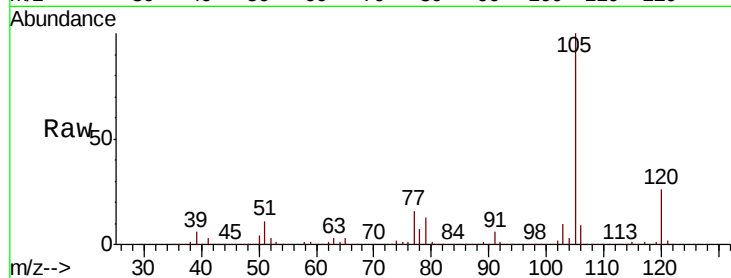




#73
Isopropylbenzene
Concen: 102.909 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

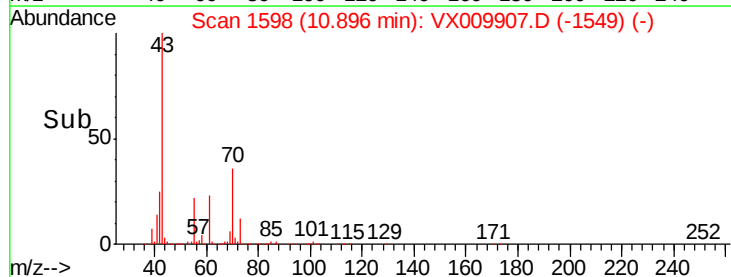
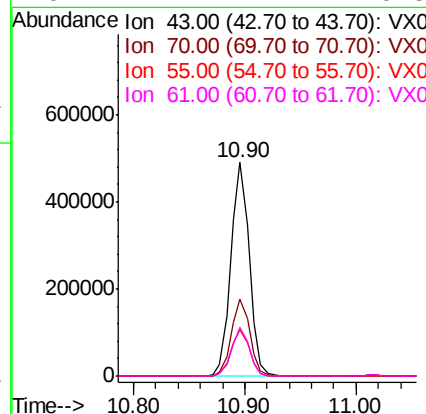
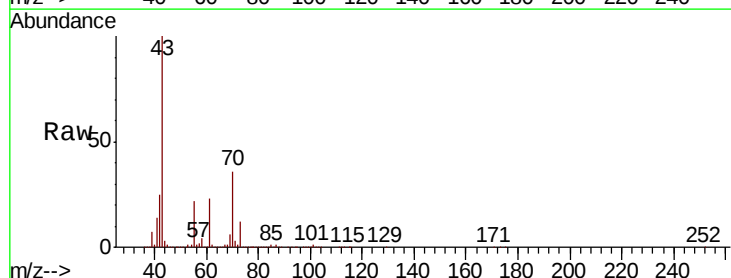
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

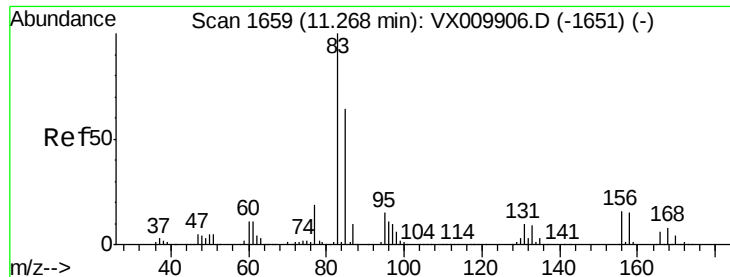
Tot Ion:105 Resp: 926422
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.4



#74
N-ethyl acetate
Concen: 105.961 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

Tgt Ion: 43 Resp: 558071
Ion Ratio Lower Upper
43 100
70 36.3 28.6 43.0
55 21.8 17.8 26.8
61 22.2 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 97.201 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

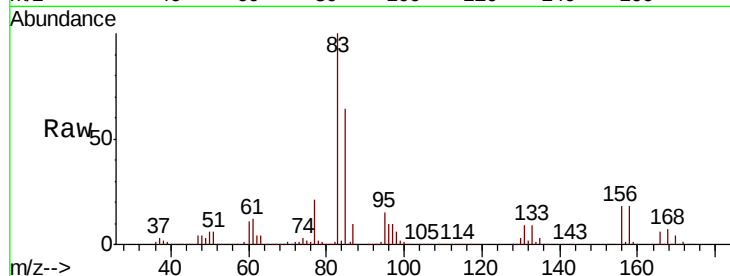
Tot Ion: 83 Resp: 324648

Ion Ratio Lower Upper

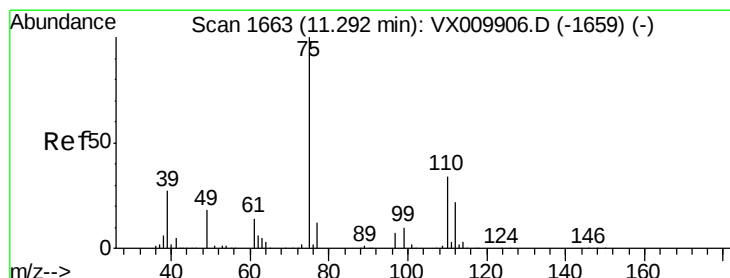
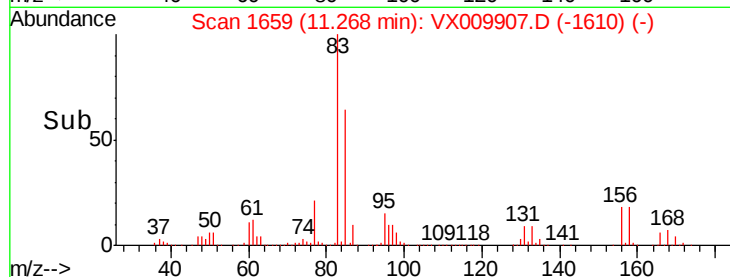
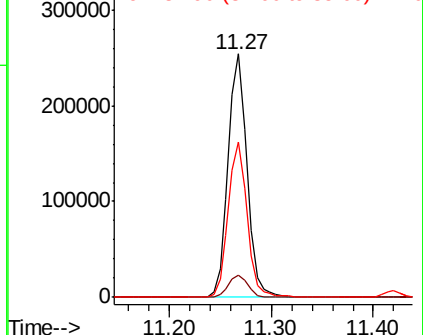
83 100

131 9.5 4.7 14.1

85 63.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 141.025 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009907.D

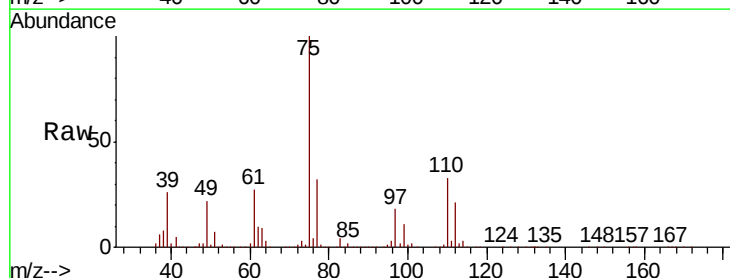
Acq: 28 May 2019 11:30

Tgt Ion: 75 Resp: 405166

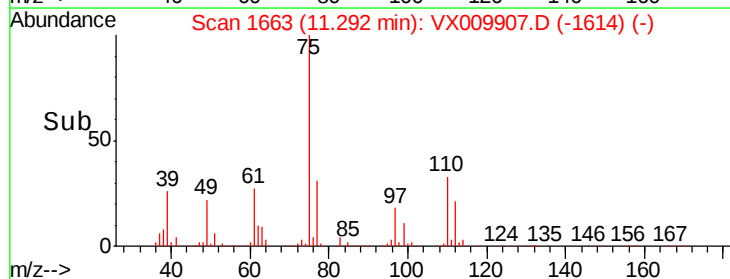
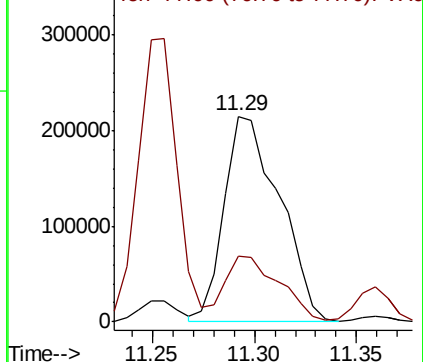
Ion Ratio Lower Upper

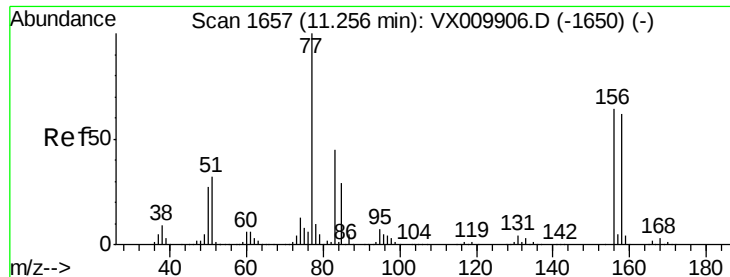
75 100

77 31.8 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 100.967 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

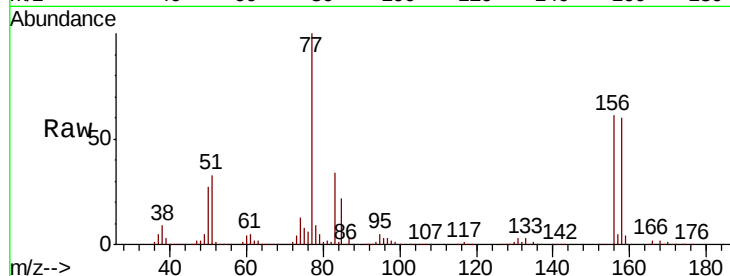
Tot Ion:156 Resp: 225342

Ion Ratio Lower Upper

156 100

77 172.7 86.8 260.3

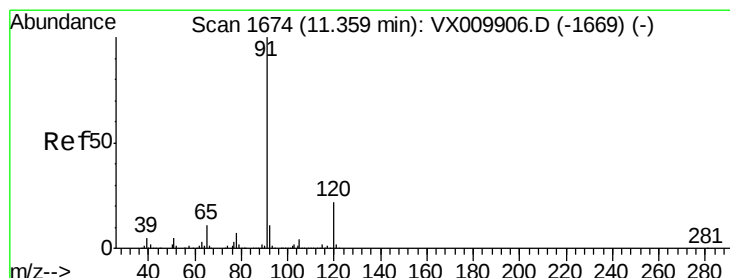
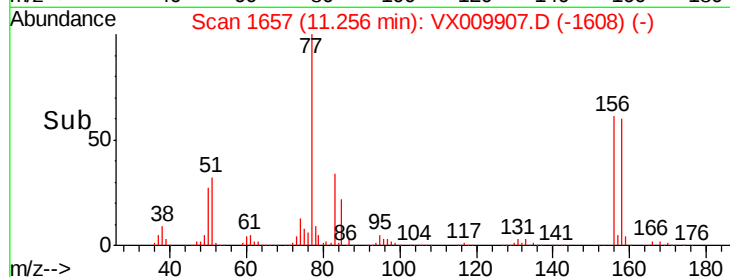
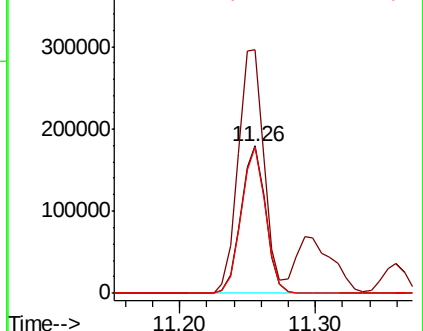
158 98.1 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 105.861 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009907.D

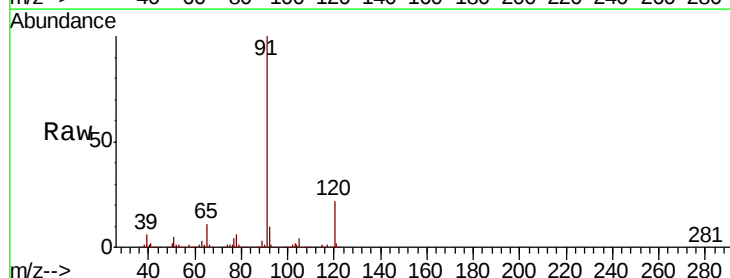
Acq: 28 May 2019 11:30

Tgt Ion: 91 Resp: 1090402

Ion Ratio Lower Upper

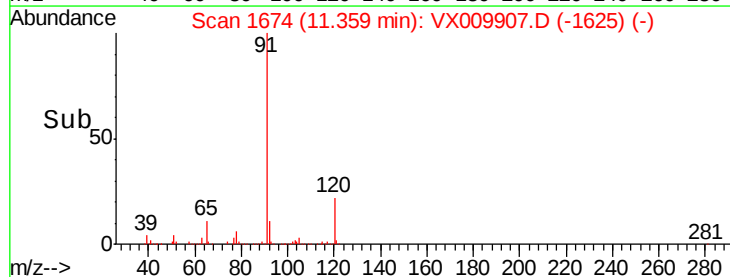
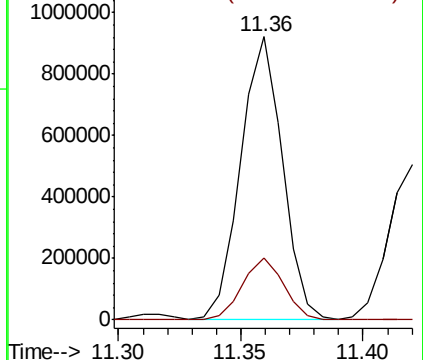
91 100

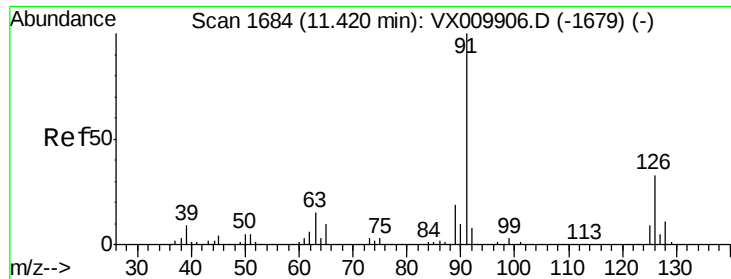
120 22.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

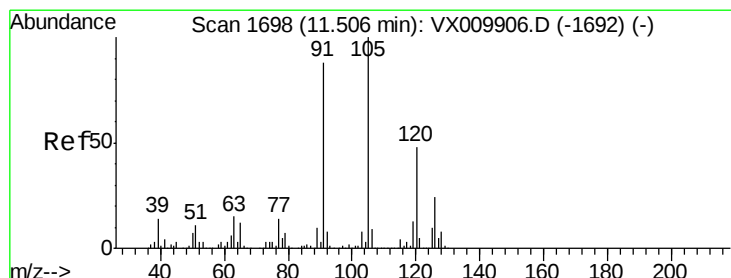
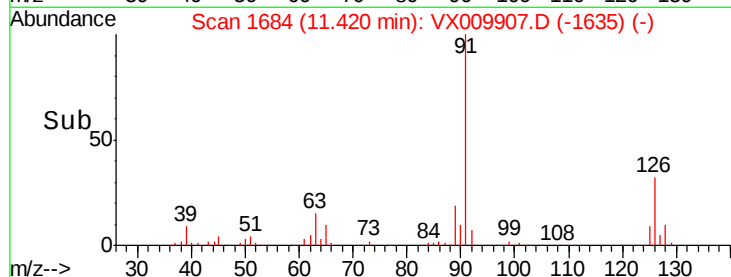
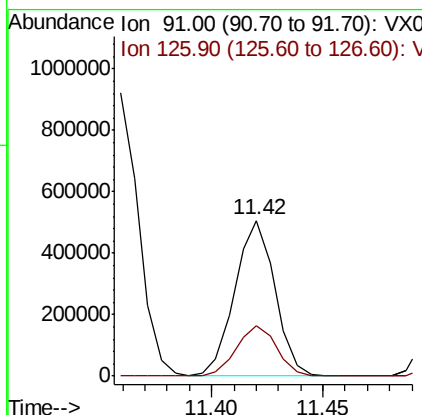
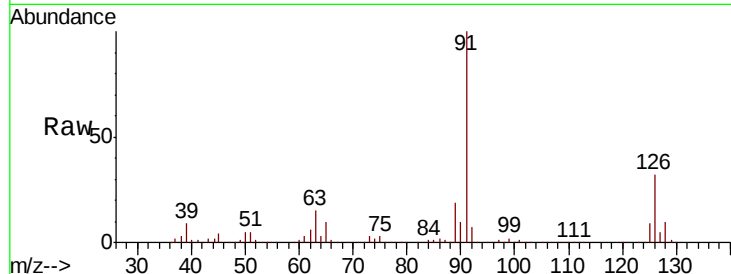




#79
 2-Chlorotoluene
 Concen: 99.828 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009907.D
 Acq: 28 May 2019 11:30

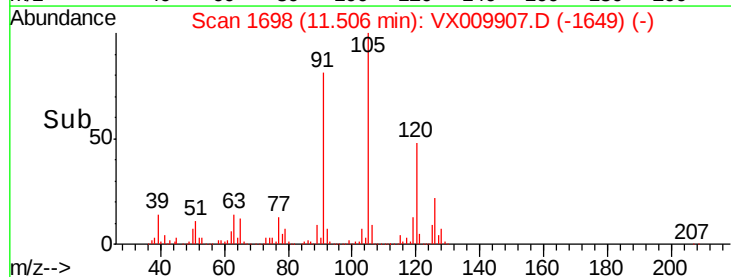
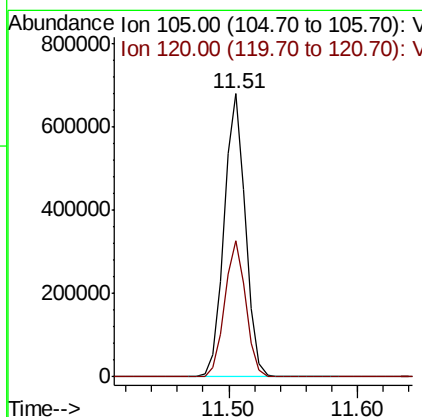
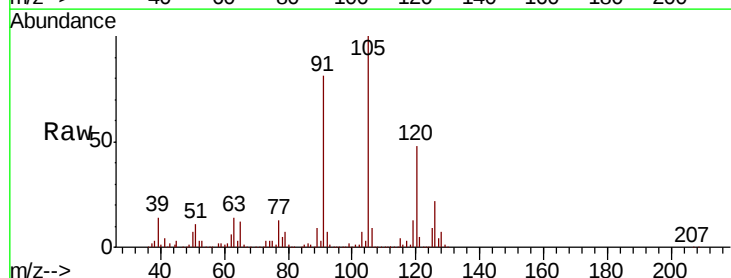
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

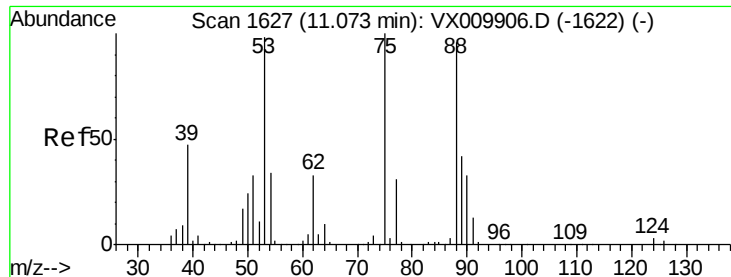
Tot Ion: 91 Resp: 634703
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 103.865 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009907.D
 Acq: 28 May 2019 11:30

Tgt Ion: 105 Resp: 788394
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 111.698 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

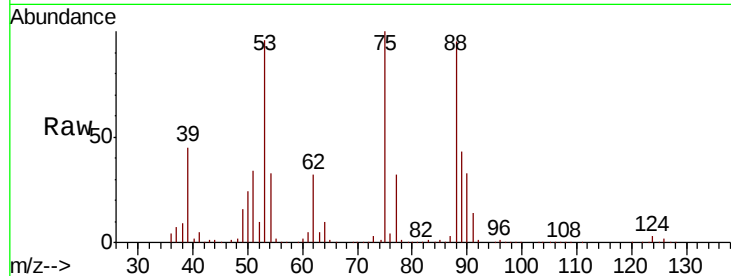
Tot Ion: 75 Resp: 126083

Ion Ratio Lower Upper

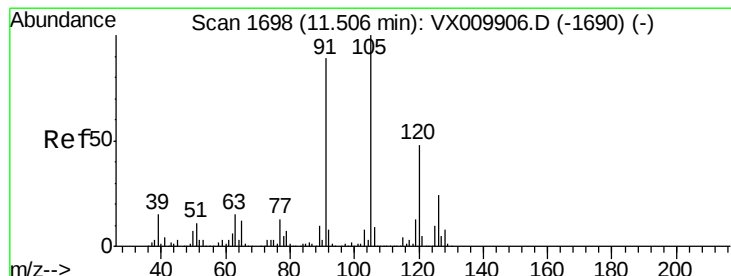
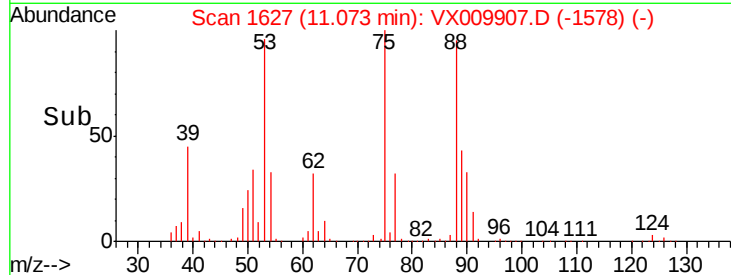
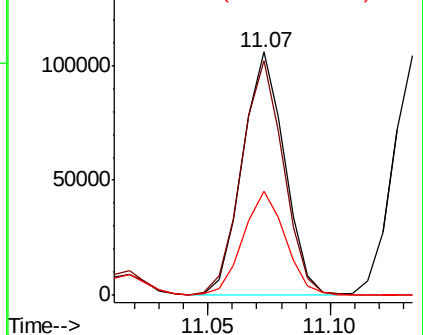
75 100

53 96.5 79.8 119.6

89 43.4 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 103.389 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009907.D

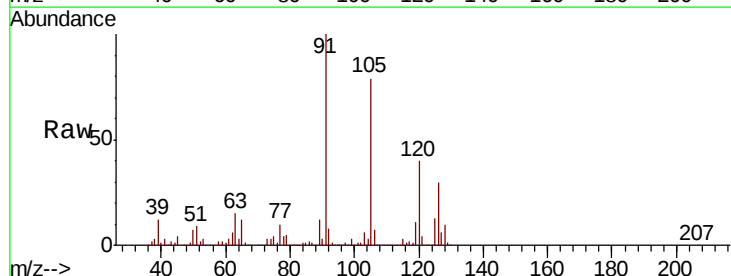
Acq: 28 May 2019 11:30

Tgt Ion: 91 Resp: 743294

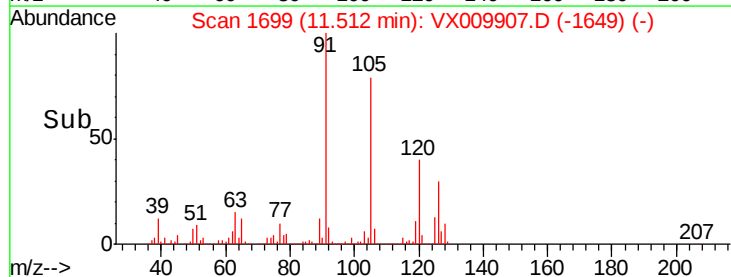
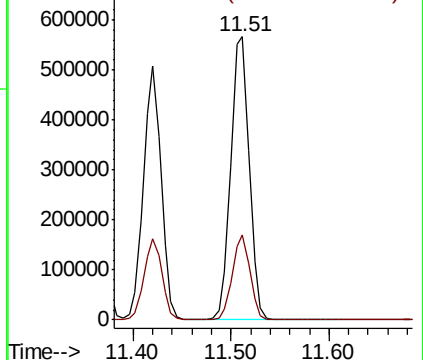
Ion Ratio Lower Upper

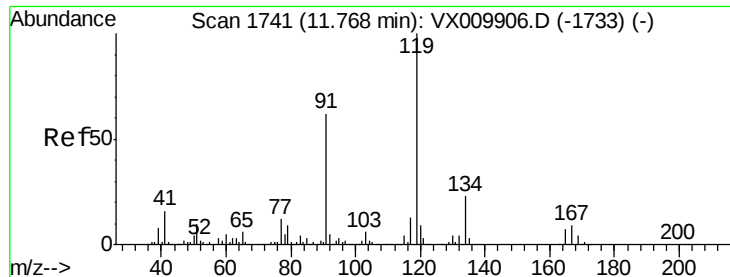
91 100

126 28.7 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

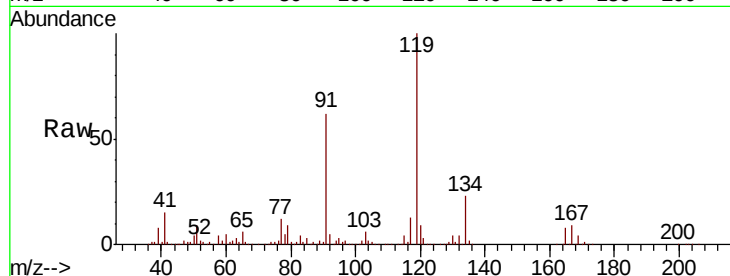




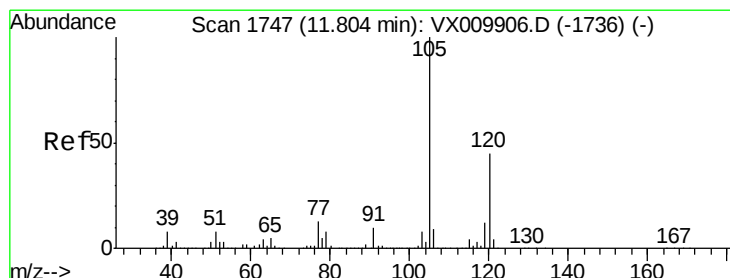
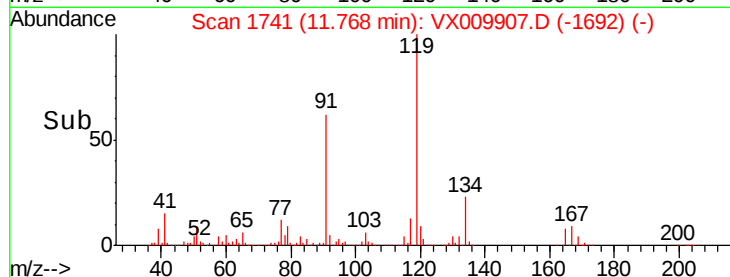
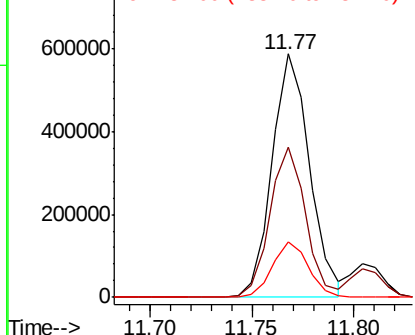
#83
tert-Butylbenzene
Concen: 102.220 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:119 Resp: 753423
Ion Ratio Lower Upper
119 100
91 59.1 30.0 90.0
134 22.0 11.2 33.5

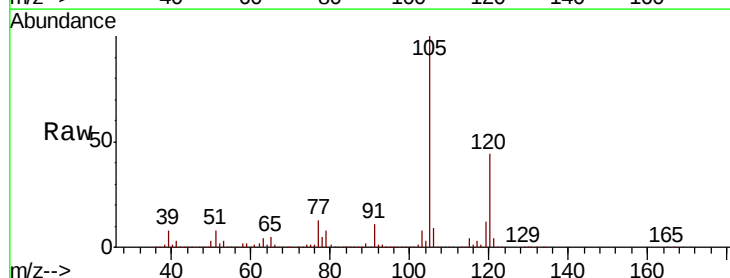


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V

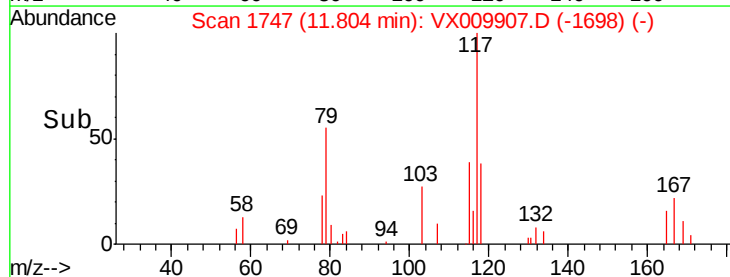
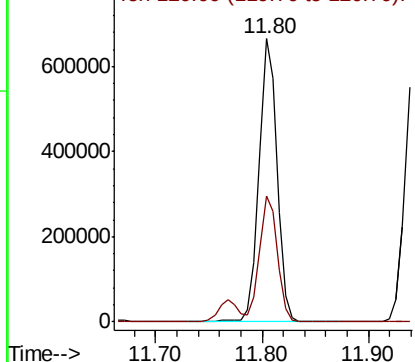


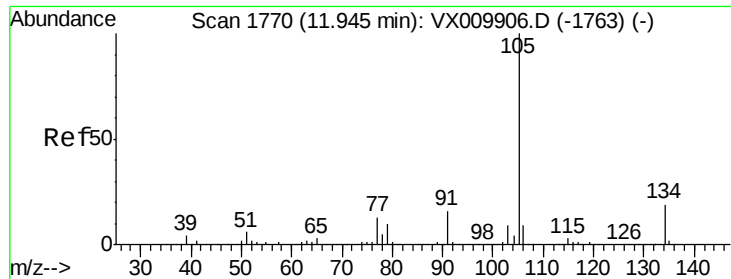
#84
1,2,4-Trimethylbenzene
Concen: 104.021 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

Tgt Ion:105 Resp: 792600
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 103.629 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

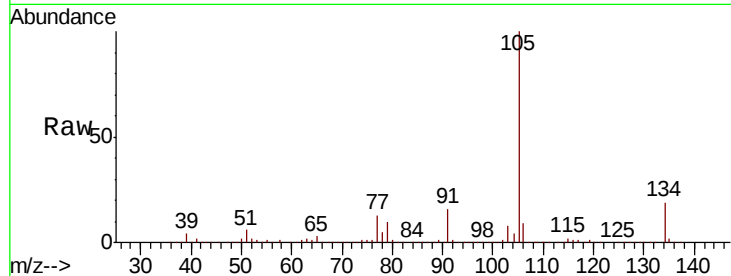
VSTDIC100

Tot Ion:105 Resp: 905825

Ion Ratio Lower Upper

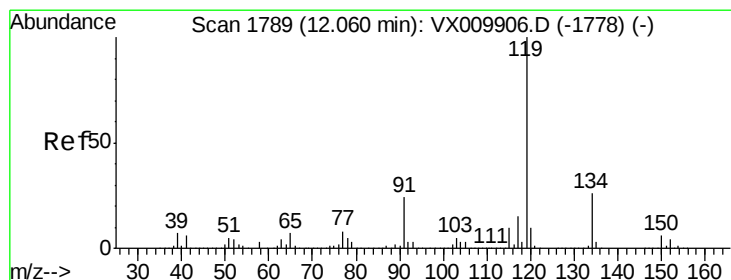
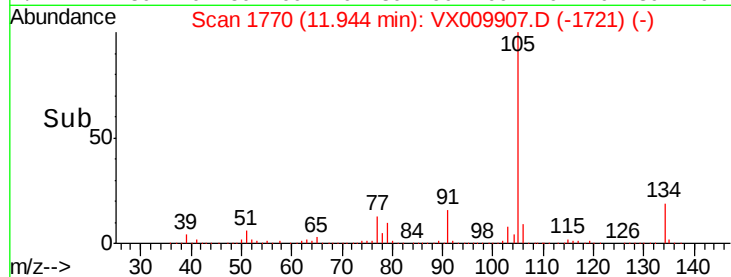
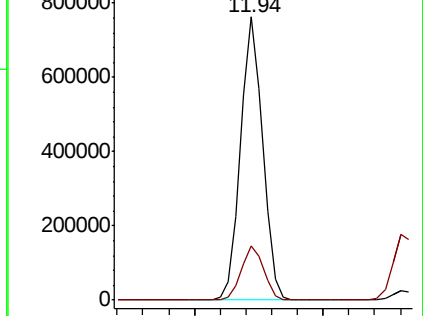
105 100

134 19.3 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 105.459 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

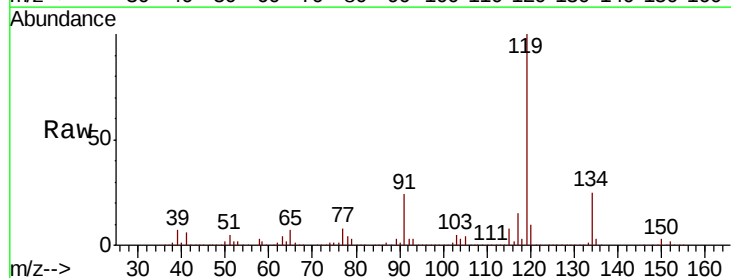
Tgt Ion:119 Resp: 829618

Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.6

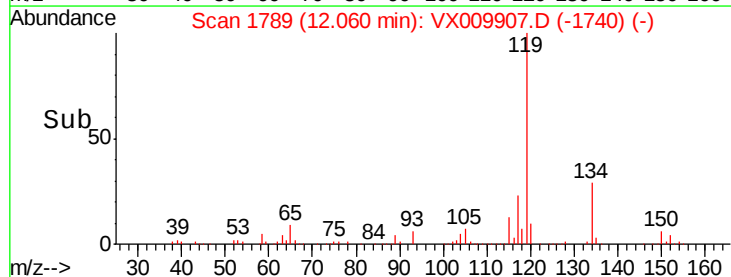
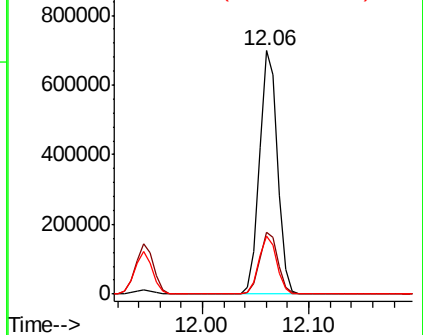
91 23.7 11.9 35.9

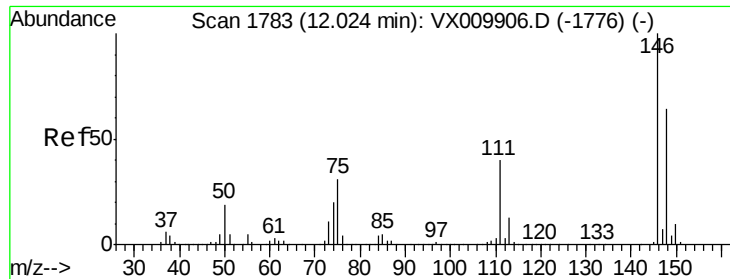


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 101.250 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

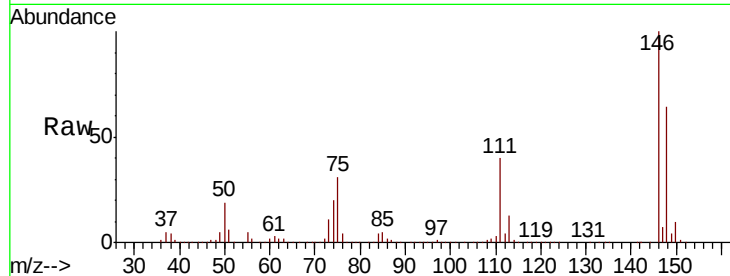
Tot Ion:146 Resp: 402599

Ion Ratio Lower Upper

146 100

111 40.3 20.1 60.2

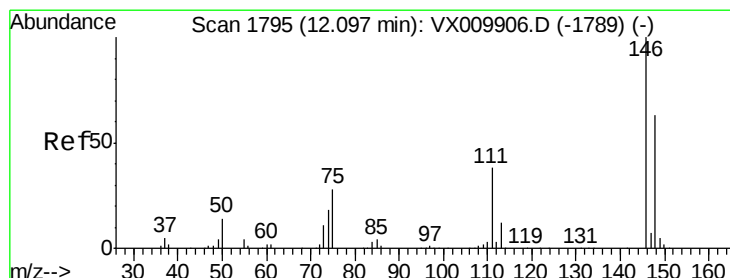
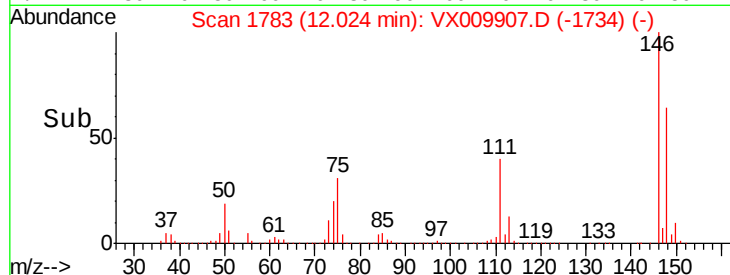
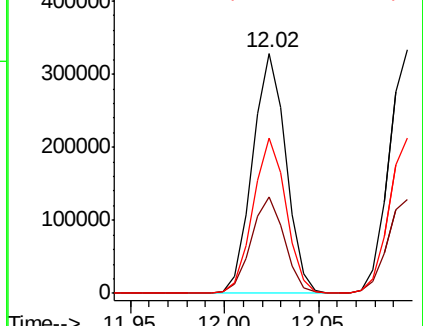
148 63.9 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 100.090 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

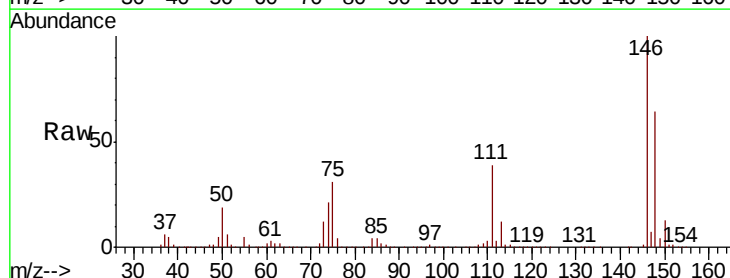
Tgt Ion:146 Resp: 401437

Ion Ratio Lower Upper

146 100

111 39.4 20.0 59.9

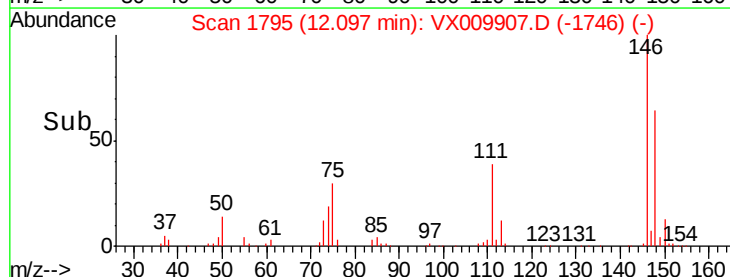
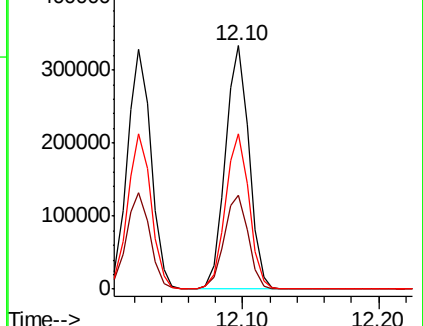
148 63.7 32.3 96.9

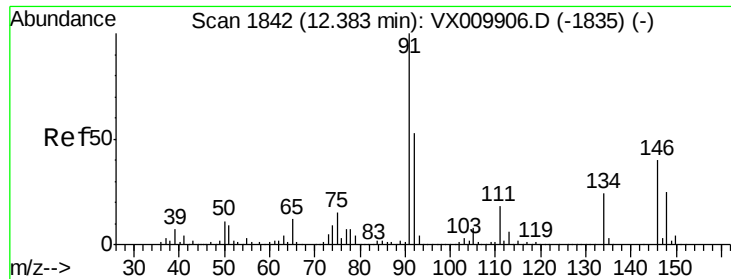


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

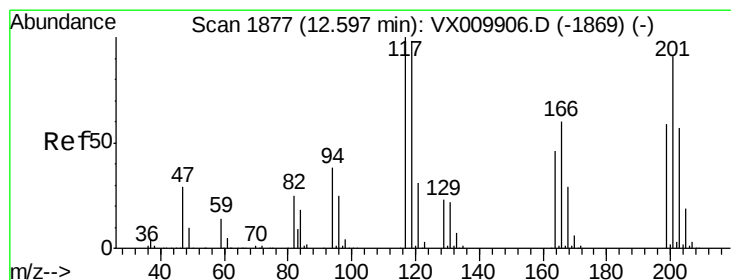
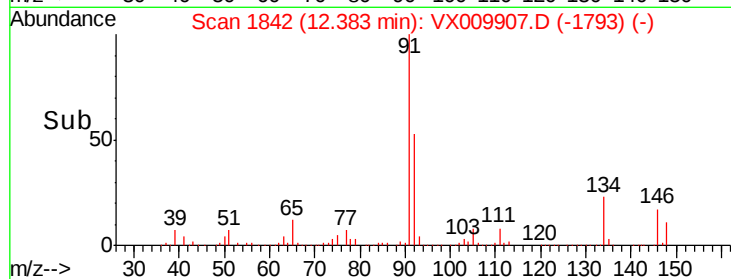
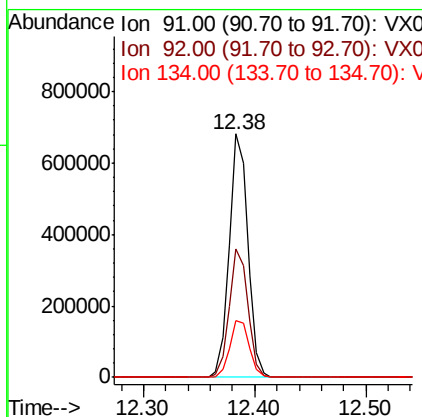
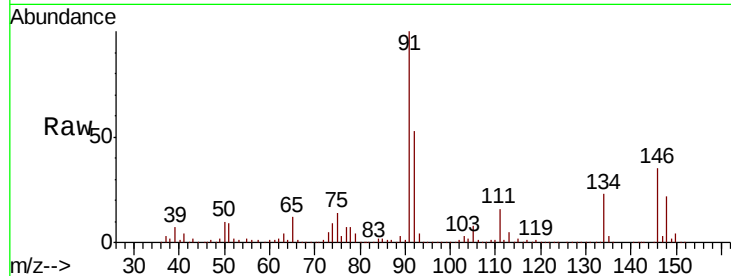




#89
n-Butylbenzene
Concen: 110.092 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

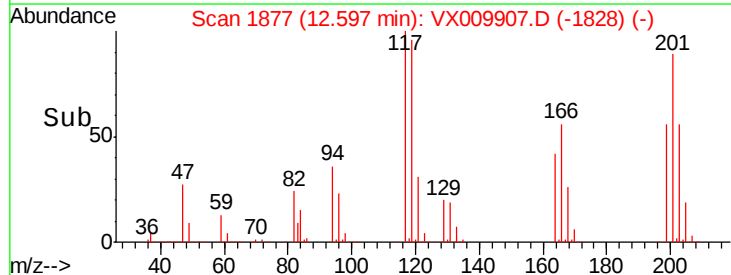
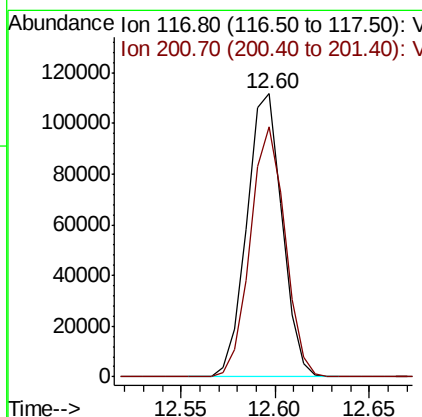
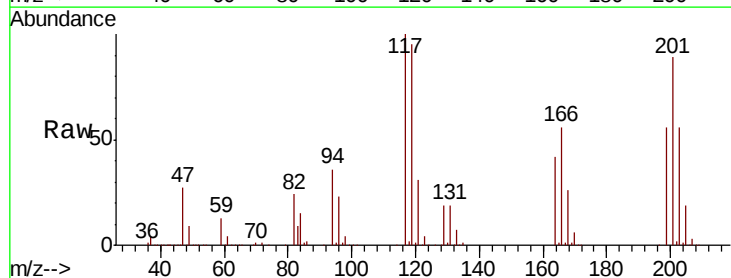
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

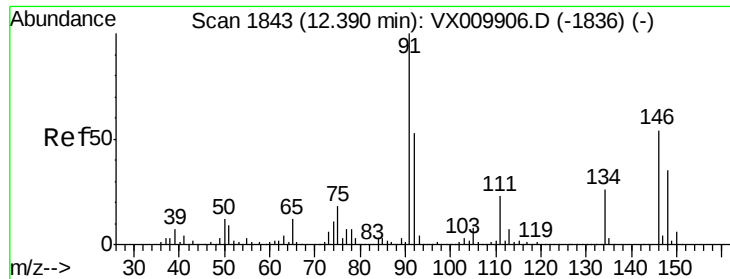
Tot Ion: 91 Resp: 786184
Ion Ratio Lower Upper
91 100
92 53.0 26.3 78.8
134 24.5 12.3 36.8



#90
Hexachloroethane
Concen: 108.803 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009907.D
Acq: 28 May 2019 11:30

Tgt Ion: 117 Resp: 145568
Ion Ratio Lower Upper
117 100
201 86.8 43.6 130.9

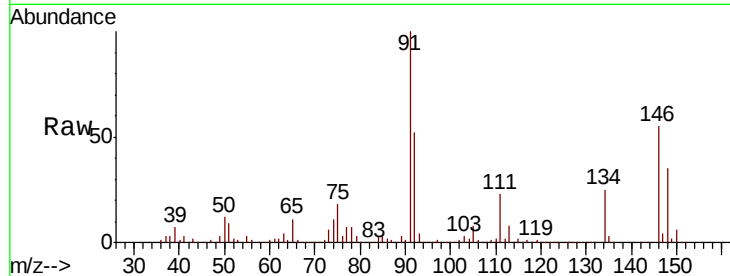




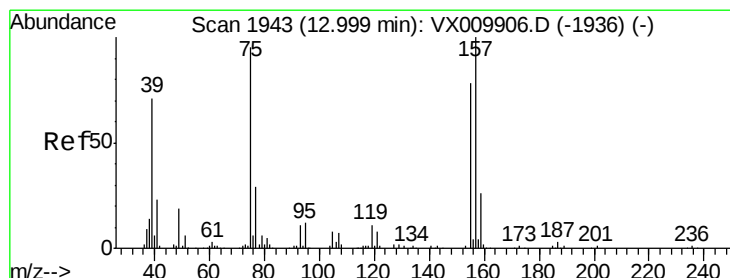
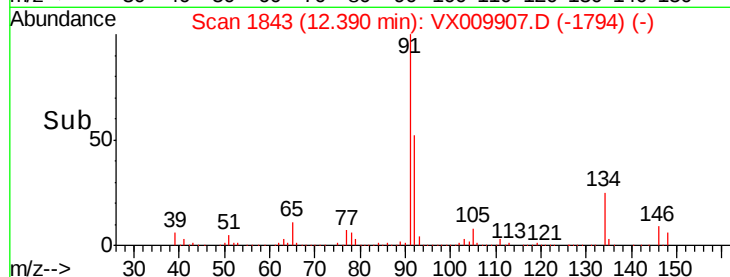
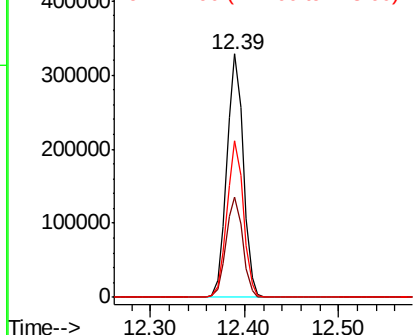
#91
 1,2-Dichlorobenzene
 Concen: 98.532 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009907.D
 Acq: 28 May 2019 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:146 Resp: 397763
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.1 63.1
 148 63.9 32.3 96.8

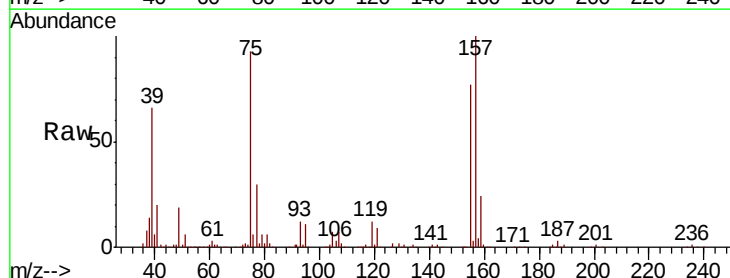


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

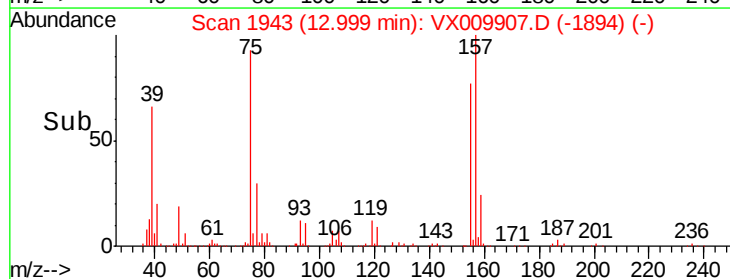
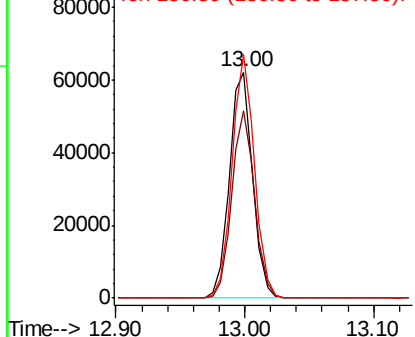


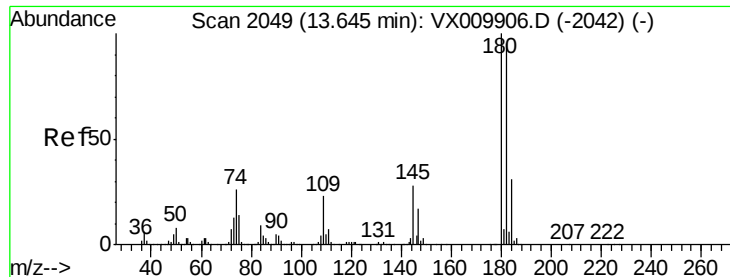
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 104.806 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009907.D
 Acq: 28 May 2019 11:30

Tgt Ion: 75 Resp: 78510
 Ion Ratio Lower Upper
 75 100
 155 80.8 39.3 117.8
 157 103.9 50.6 151.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

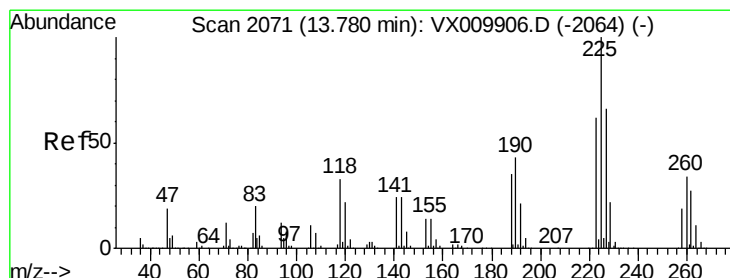
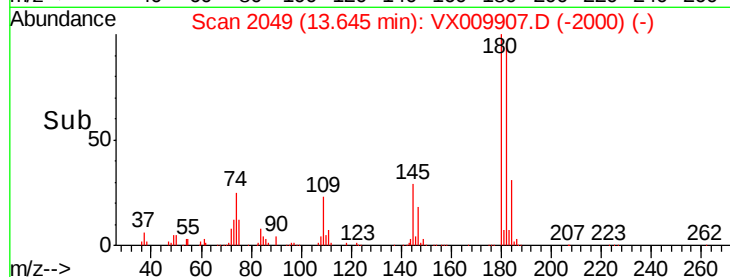
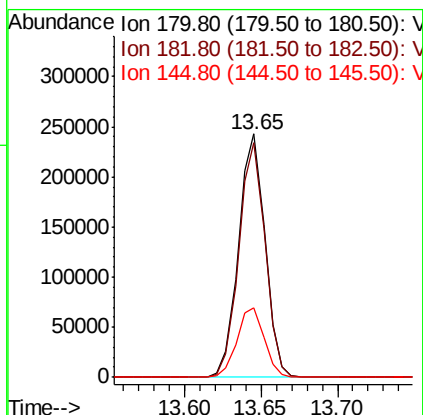
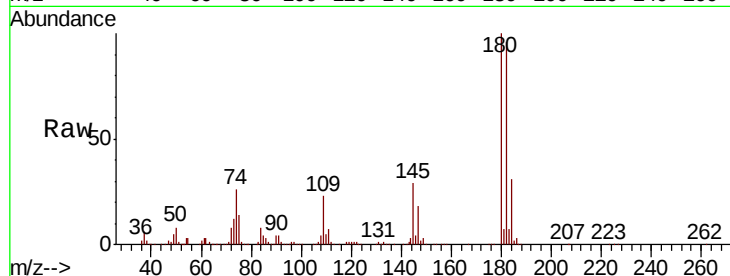




#93
 1,2,4-Trichlorobenzene
 Concen: 104.991 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009907.D
 Acq: 28 May 2019 11:30

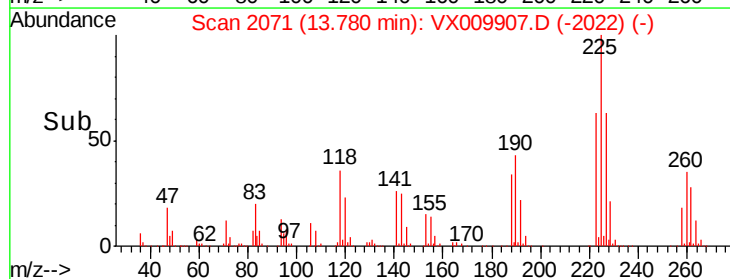
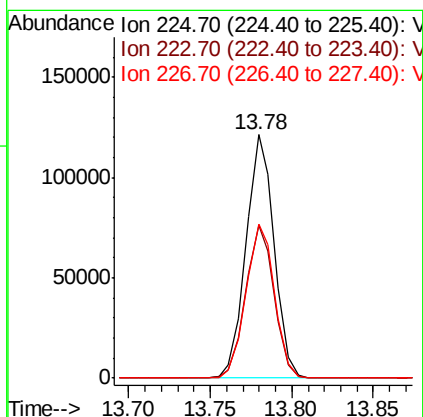
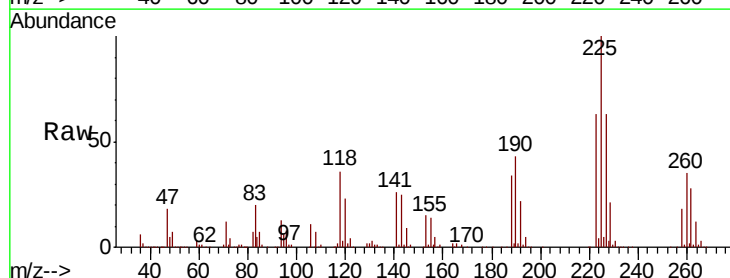
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

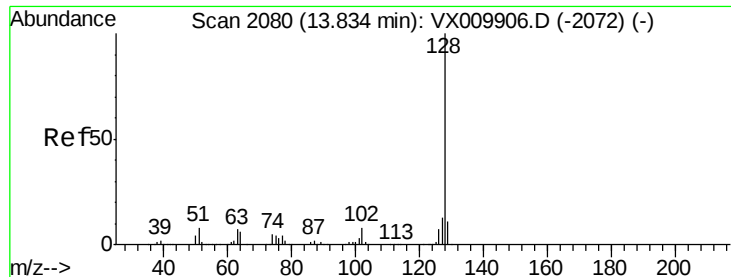
Tot Ion:180 Resp: 290658
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.4 142.2
 145 29.3 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 102.862 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009907.D
 Acq: 28 May 2019 11:30

Tgt Ion:225 Resp: 145779
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.3 93.8
 227 64.3 32.3 96.8





#95

Naphthalene

Concen: 103.395 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

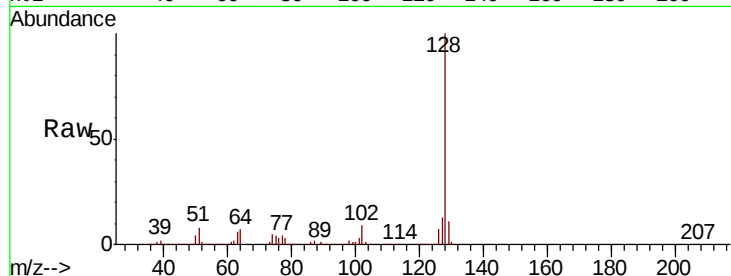
Tot Ion:128 Resp: 924540

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

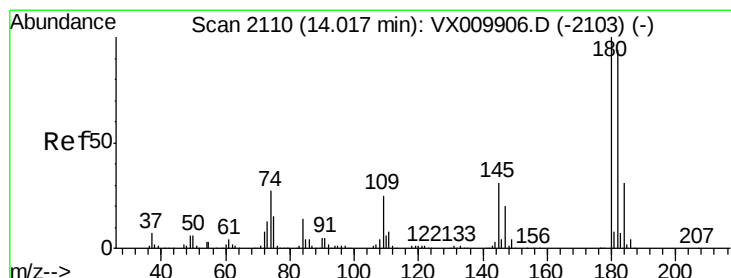
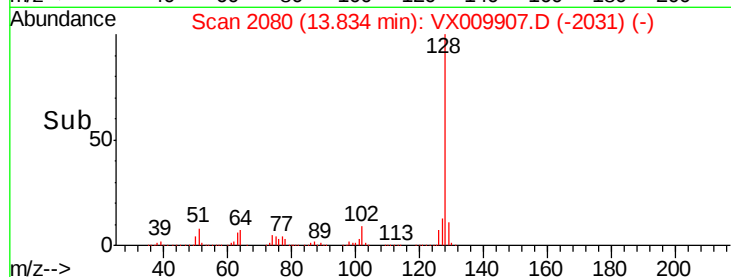
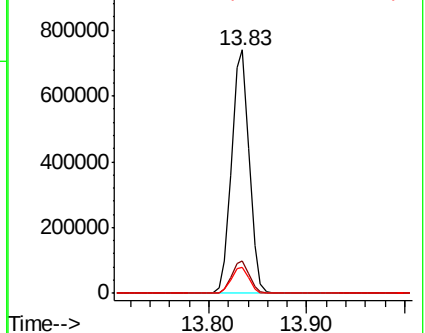
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 101.633 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009907.D

Acq: 28 May 2019 11:30

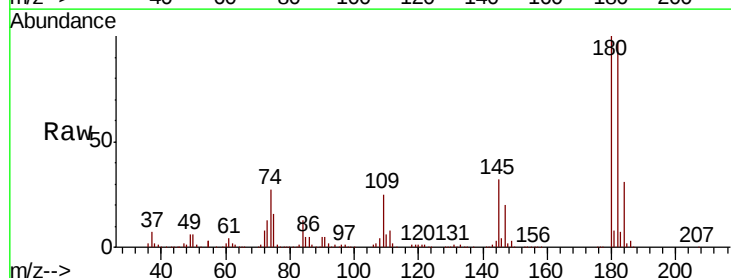
Tgt Ion:180 Resp: 284532

Ion Ratio Lower Upper

180 100

182 97.4 47.3 142.0

145 31.4 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

