

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051119\
 Data File : VX009531.D
 Acq On : 11 May 2019 17:50
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 12 02:01:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	161574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	258063	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119026	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	112946	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
35) Dibromofluoromethane	5.50	113	83491	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
50) Toluene-d8	8.71	98	334400	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.13	95	125245	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	68124	45.754	ug/l	100
3) Chloromethane	1.32	50	100427	49.404	ug/l	99
4) Vinyl Chloride	1.41	62	100559	50.731	ug/l	98
5) Bromomethane	1.64	94	63964	53.763	ug/l	97
6) Chloroethane	1.71	64	63243	49.694	ug/l	99
7) Trichlorofluoromethane	1.92	101	124772	51.784	ug/l	97
8) Diethyl Ether	2.19	74	58704	51.435	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76533	50.581	ug/l	99
10) Methyl Iodide	2.51	142	92298	52.271	ug/l	99
11) Tert butyl alcohol	3.06	59	140492	275.172	ug/l	99
12) 1,1-Dichloroethene	2.37	96	78876	52.028	ug/l	99
13) Acrolein	2.29	56	116207	251.324	ug/l	99
14) Allyl chloride	2.73	41	185779	50.284	ug/l	99
15) Acrylonitrile	3.14	53	324568	259.996	ug/l	99
16) Acetone	2.45	43	285386	240.962	ug/l	98
17) Carbon Disulfide	2.57	76	221272	51.986	ug/l	99
18) Methyl Acetate	2.78	43	140590	49.914	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	306317	52.032	ug/l	98
20) Methylene Chloride	2.85	84	95199	49.644	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	85757	52.159	ug/l	98
22) Diisopropyl ether	3.85	45	368727	51.896	ug/l	96
23) Vinyl Acetate	3.81	43	1656995	272.345	ug/l	100
24) 1,1-Dichloroethane	3.70	63	178633	50.965	ug/l	99
25) 2-Butanone	4.68	43	482680	262.260	ug/l	100
26) 2,2-Dichloropropane	4.58	77	118174	45.296	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	101006	51.469	ug/l	98
28) Bromochloromethane	5.01	49	67393	47.635	ug/l	100
29) Tetrahydrofuran	5.13	42	320587	270.691	ug/l	99
30) Chloroform	5.21	83	164981	52.043	ug/l	100
31) Cyclohexane	5.57	56	170604	52.317	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	137569	52.130	ug/l	100
36) 1,1-Dichloropropene	5.80	75	126815	52.879	ug/l	99
37) Ethyl Acetate	4.84	43	181472	54.310	ug/l	99
38) Carbon Tetrachloride	5.78	117	115745	53.120	ug/l	100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	153636	52.164	ug/l	98
40) Benzene	6.14	78	389490	52.477	ug/l	99
41) Methacrylonitrile	5.04	41	102649	51.607	ug/l	99
42) 1,2-Dichloroethane	6.19	62	141080	52.990	ug/l	100
43) Isopropyl Acetate	6.45	43	288657	54.007	ug/l	100
44) Trichloroethene	7.21	130	92684	51.655	ug/l	99
45) 1,2-Dichloropropane	7.51	63	109779	52.235	ug/l	99
46) Dibromomethane	7.66	93	63948	52.398	ug/l	99
47) Bromodichloromethane	7.90	83	129521	53.204	ug/l	99
48) Methyl methacrylate	7.77	41	144905	54.647	ug/l	99
49) 1,4-Dioxane	7.74	88	58874	1094.808	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	961755	275.301	ug/l	100
52) Toluene	8.79	92	238947	52.962	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	145854	53.067	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	162834	53.525	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	96519	52.438	ug/l	97
56) Ethyl methacrylate	9.18	69	177426	54.001	ug/l	98
57) 1,3-Dichloropropane	9.37	76	169094	52.205	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	421339	241.729	ug/l	99
59) 2-Hexanone	9.49	43	759485	276.808	ug/l	100
60) Dibromochloromethane	9.58	129	97414	54.188	ug/l	99
61) 1,2-Dibromoethane	9.67	107	98684	53.113	ug/l	99
64) Tetrachloroethene	9.33	164	83526	52.113	ug/l	97
65) Chlorobenzene	10.14	112	247582	52.967	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	90815	53.591	ug/l	99
67) Ethyl Benzene	10.25	91	459330	53.396	ug/l	99
68) m/p-Xylenes	10.36	106	342372	108.912	ug/l	100
69) o-Xylene	10.69	106	166027	53.529	ug/l	99
70) Styrene	10.71	104	293571	54.458	ug/l	100
71) Bromoform	10.85	173	74852	54.354	ug/l	# 100
73) Isopropylbenzene	11.02	105	438849	50.702	ug/l	99
74) N-amyl acetate	10.90	43	268801	53.268	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	165011	51.141	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	196989	71.348	ug/l	81
77) Bromobenzene	11.26	156	110650	51.505	ug/l	99
78) n-propylbenzene	11.36	91	510677	51.662	ug/l	100
79) 2-Chlorotoluene	11.42	91	305999	50.176	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	377789	51.838	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	55003	50.972	ug/l	97
82) 4-Chlorotoluene	11.51	91	353327	51.284	ug/l	100
83) tert-Butylbenzene	11.77	119	362658	51.153	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	380287	51.986	ug/l	100
85) sec-Butylbenzene	11.94	105	433329	51.554	ug/l	100
86) p-Isopropyltoluene	12.06	119	393762	52.110	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	198504	51.832	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	199278	51.612	ug/l	99
89) n-Butylbenzene	12.38	91	358635	52.511	ug/l	99
90) Hexachloroethane	12.60	117	66556	51.700	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	201963	51.775	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37899	52.359	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

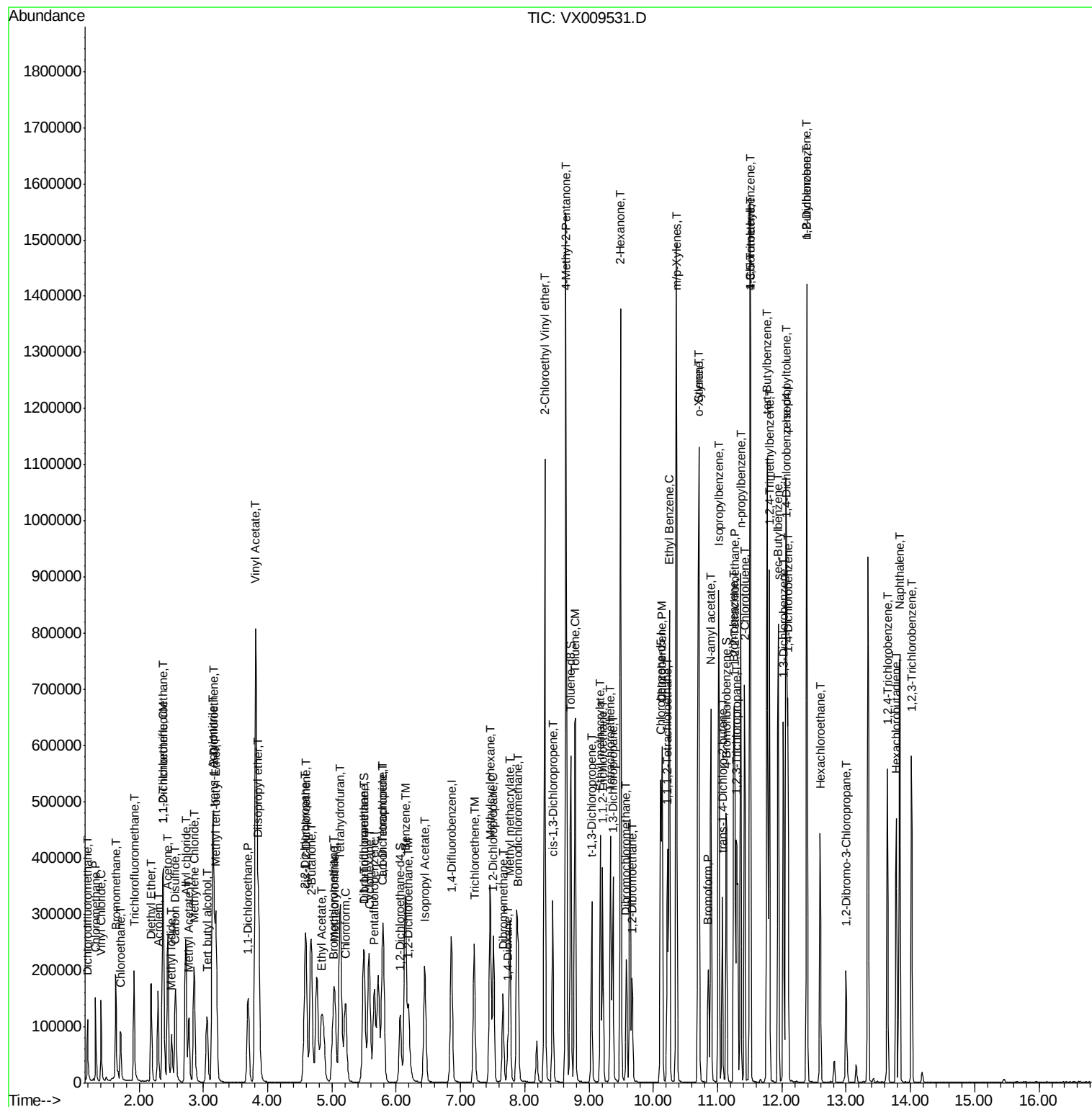
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	141141	52.912	ug/l	99
94) Hexachlorobutadiene	13.78	225	70674	51.883	ug/l	99
95) Naphthalene	13.83	128	459014	52.891	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	140512	51.966	ug/l	100

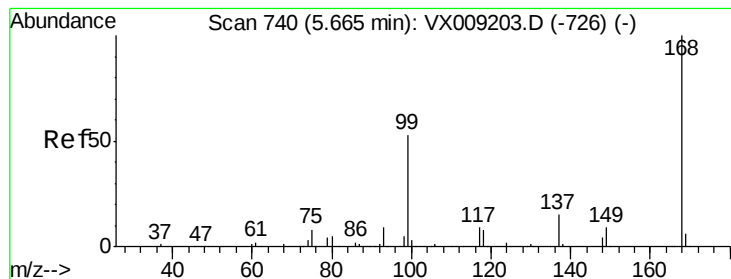
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

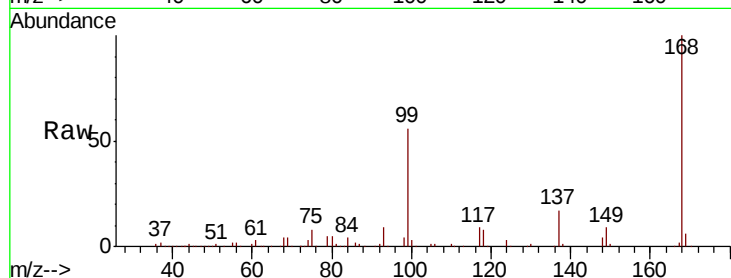
VSTDCCC050EC

Tot Ion:168 Resp: 161574

Ion Ratio Lower Upper

168 100

99 55.8 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

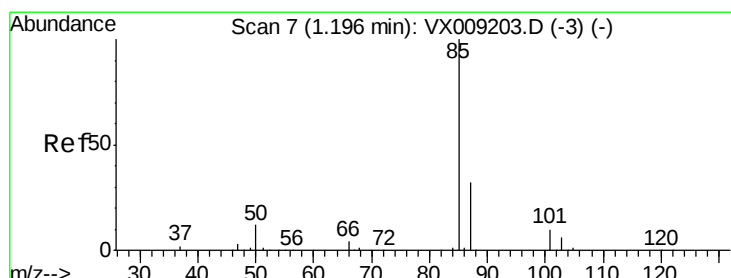
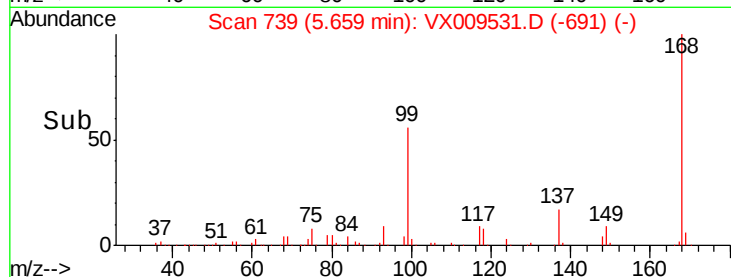
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.754 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009531.D

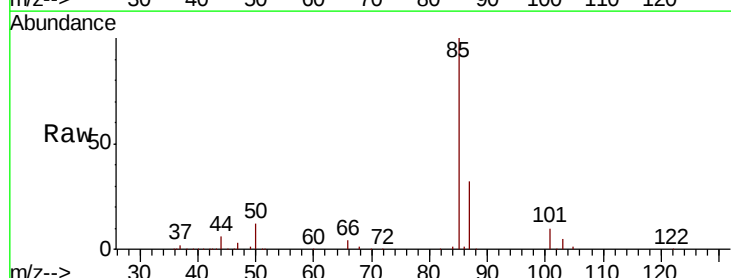
Acq: 11 May 2019 17:50

Tgt Ion: 85 Resp: 68124

Ion Ratio Lower Upper

85 100

87 32.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

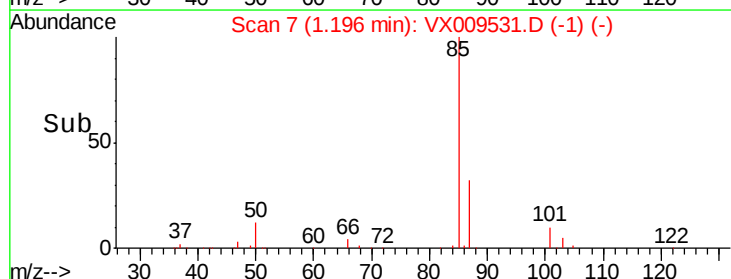
40000

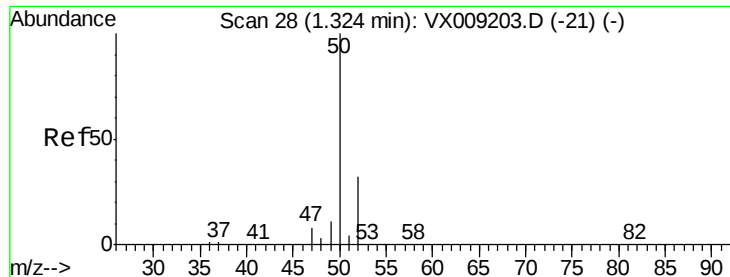
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 49.404 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

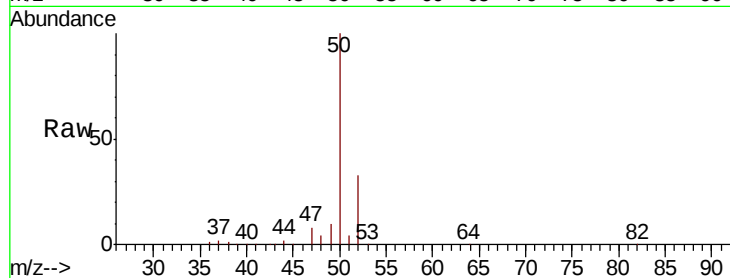
VSTDCCC050EC

Tot Ion: 50 Resp: 100427

Ion Ratio Lower Upper

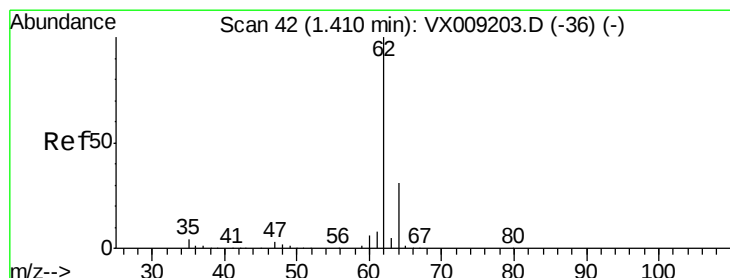
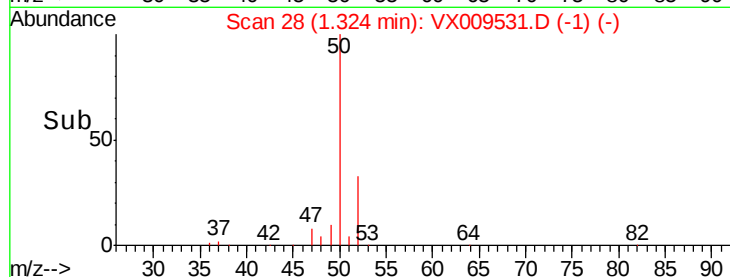
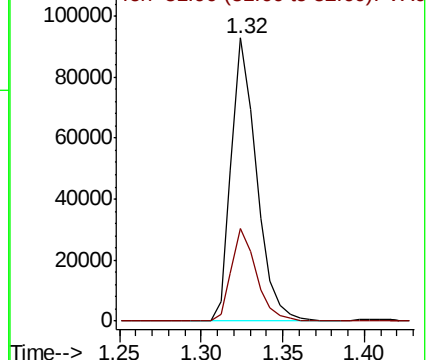
50 100

52 32.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.731 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009531.D

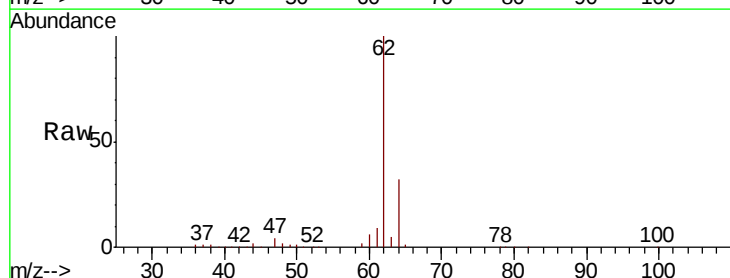
Acq: 11 May 2019 17:50

Tgt Ion: 62 Resp: 100559

Ion Ratio Lower Upper

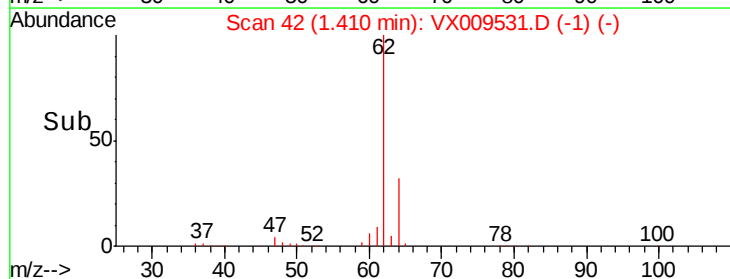
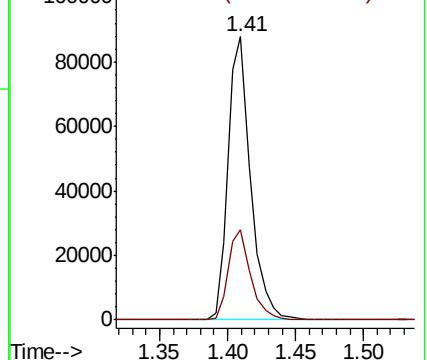
62 100

64 31.5 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 53.763 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

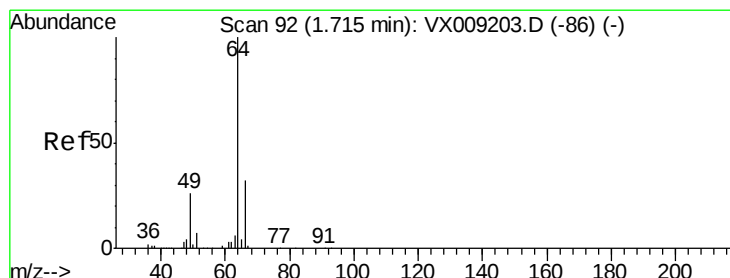
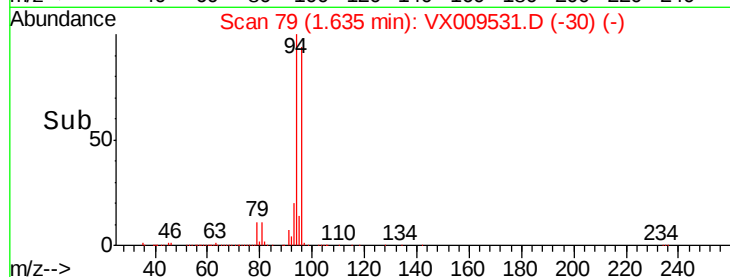
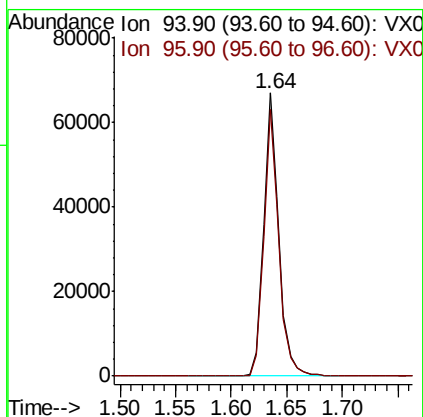
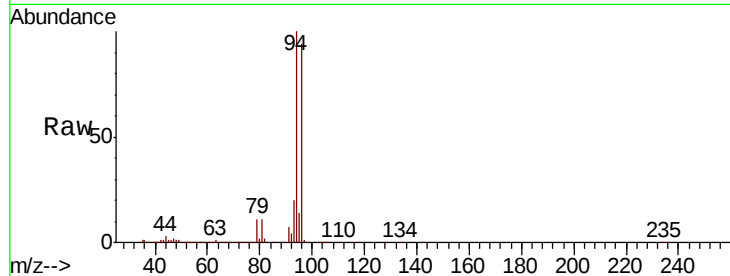
VSTDCCC050EC

Tot Ion: 94 Resp: 63964

Ion Ratio Lower Upper

94 100

96 94.1 73.0 109.6



#6

Chloroethane

Concen: 49.694 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009531.D

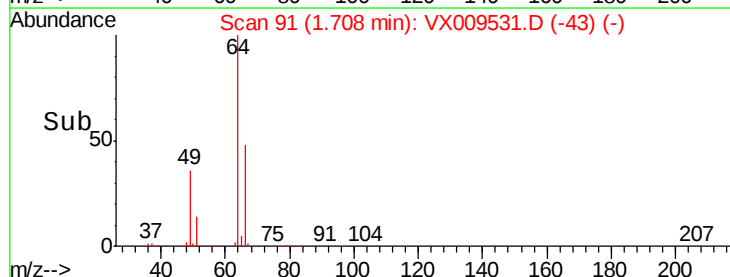
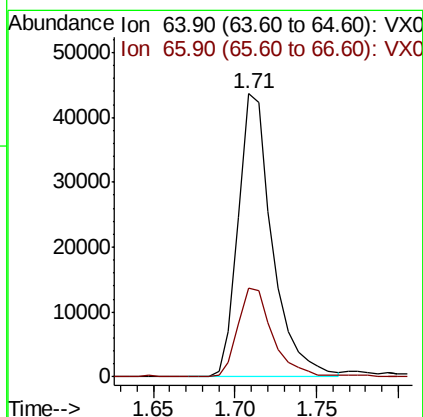
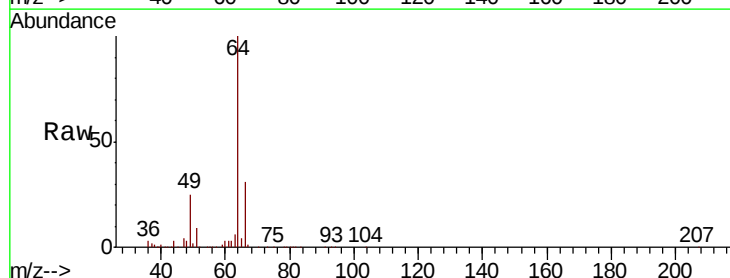
Acq: 11 May 2019 17:50

Tgt Ion: 64 Resp: 63243

Ion Ratio Lower Upper

64 100

66 31.0 25.3 37.9



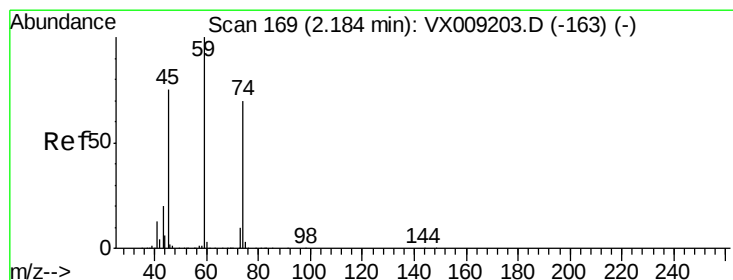
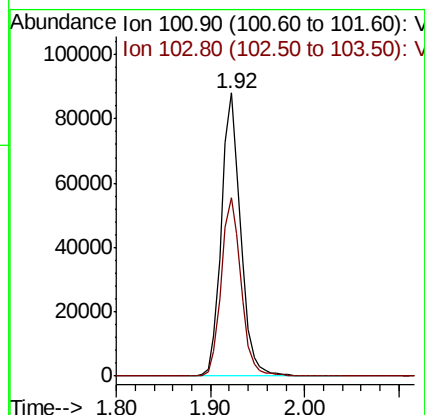
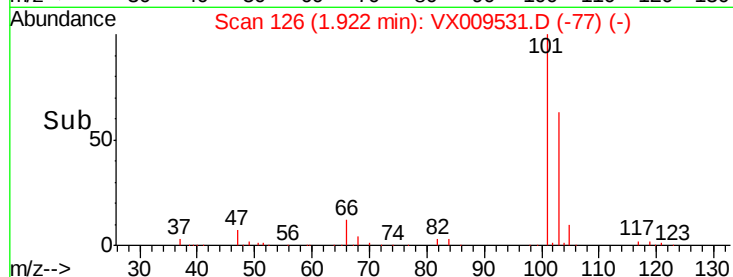
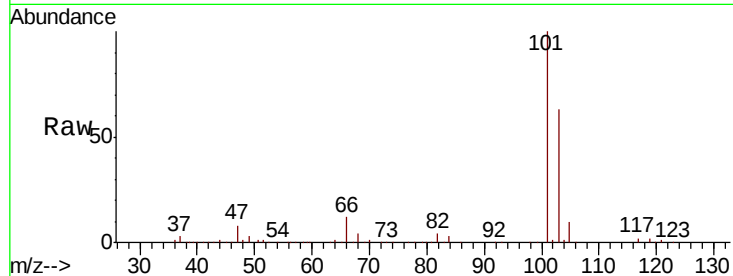


#7

Trichlorofluoromethane
 Concen: 51.784 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX009531.D
 Acq: 11 May 2019 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

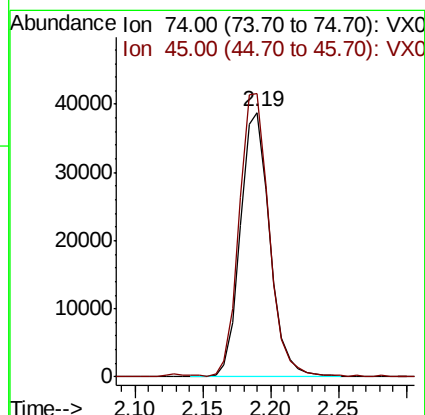
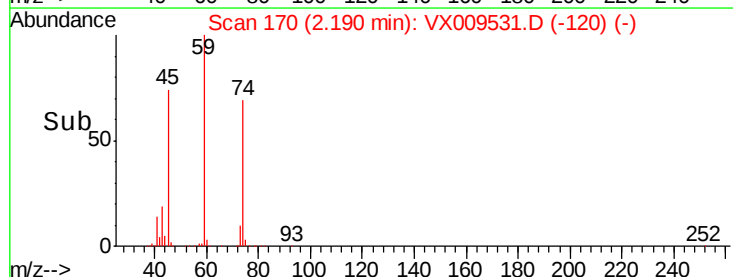
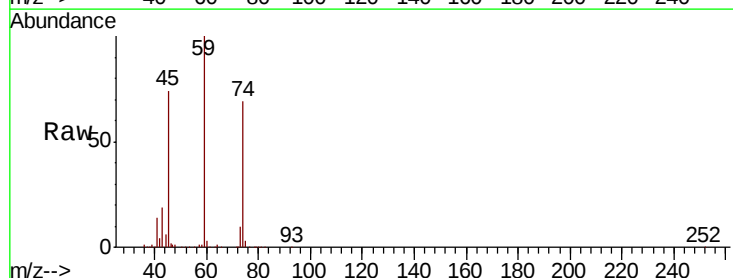
Tot Ion:101 Resp: 124772
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.4 78.6



#8

Diethyl Ether
 Concen: 51.435 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009531.D
 Acq: 11 May 2019 17:50

Tgt Ion: 74 Resp: 58704
 Ion Ratio Lower Upper
 74 100
 45 108.6 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.581 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

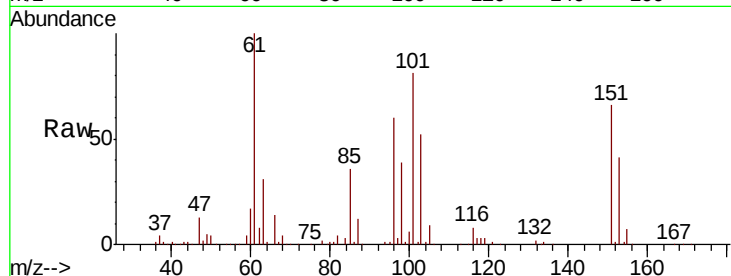
Tot Ion:101 Resp: 76533

Ion Ratio Lower Upper

101 100

85 44.4 35.7 53.5

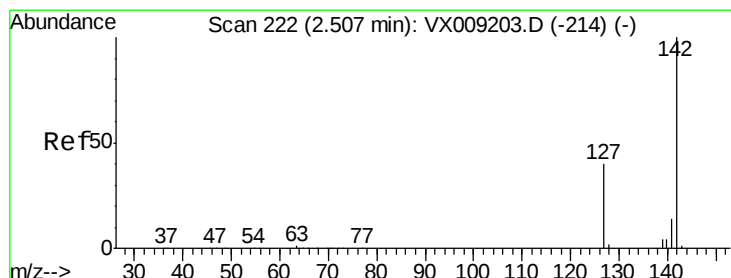
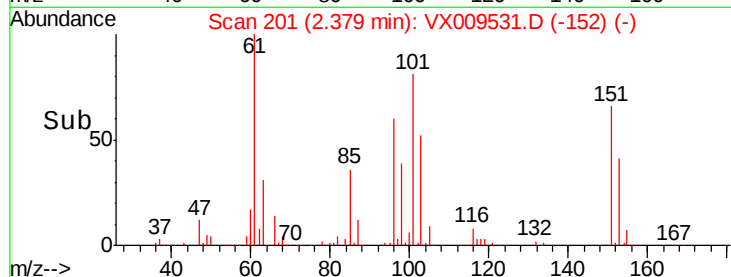
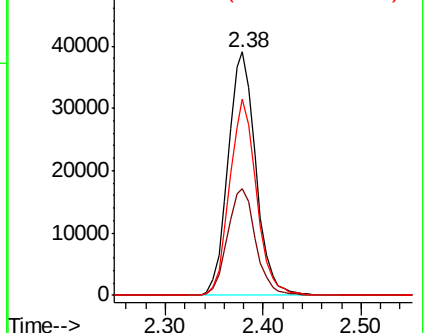
151 78.3 62.2 93.2



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: 52.271 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

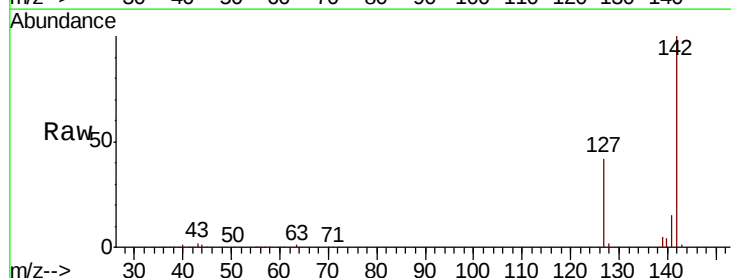
Tgt Ion:142 Resp: 92298

Ion Ratio Lower Upper

142 100

127 41.8 32.7 49.1

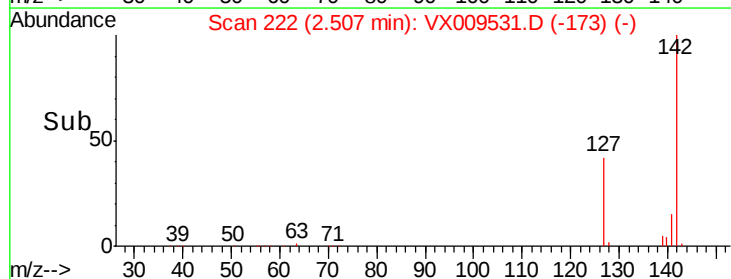
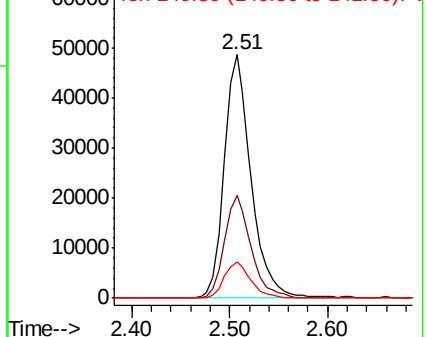
141 14.7 11.5 17.3

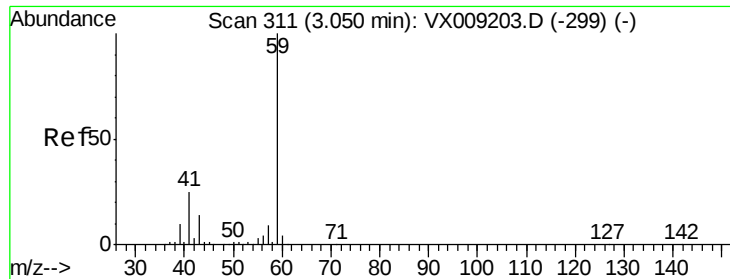


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

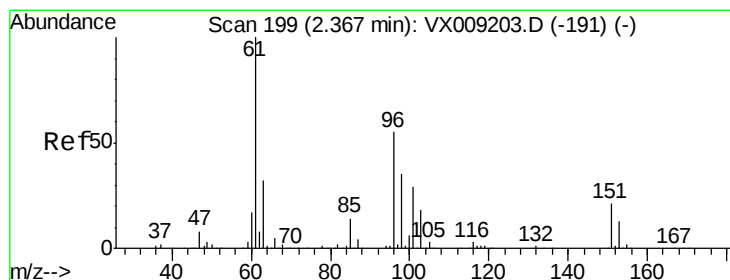
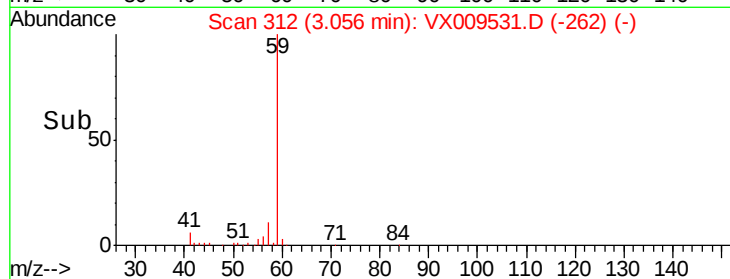
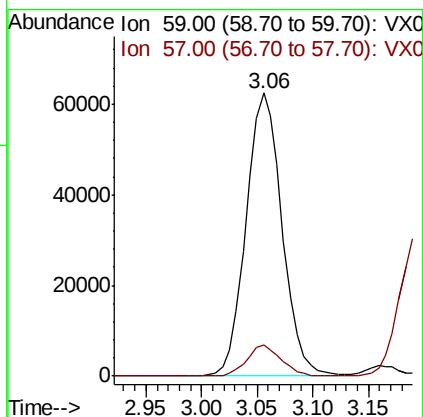
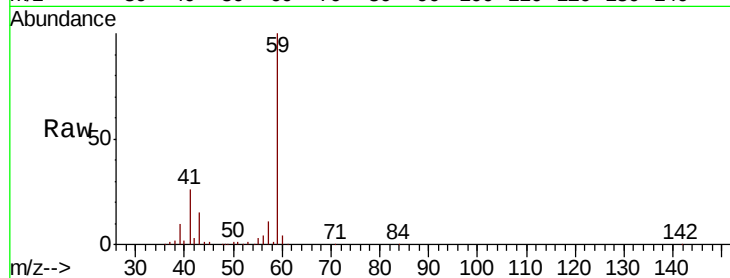




#11
Tert butyl alcohol
Concen: 275.172 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX009531.D
Acq: 11 May 2019 17:50

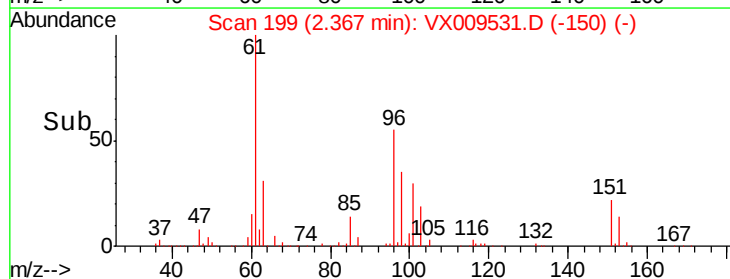
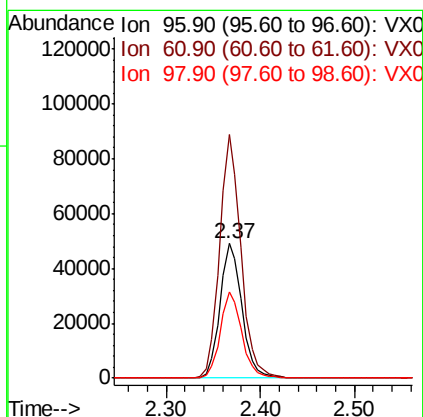
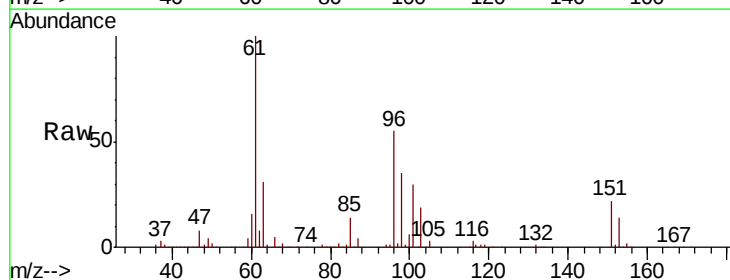
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

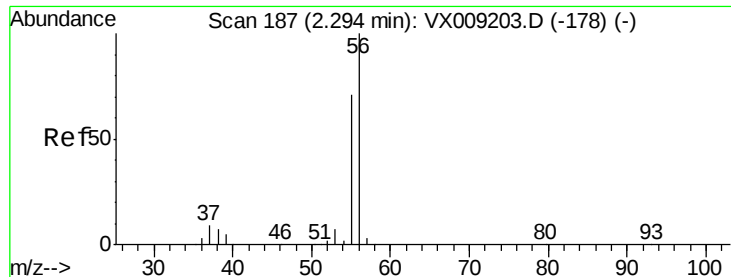
Tot Ion: 59 Resp: 140492
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 52.028 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX009531.D
Acq: 11 May 2019 17:50

Tgt Ion: 96 Resp: 78876
Ion Ratio Lower Upper
96 100
61 181.1 144.3 216.5
98 64.0 50.3 75.5





#13

Acrolein

Concen: 251.324 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

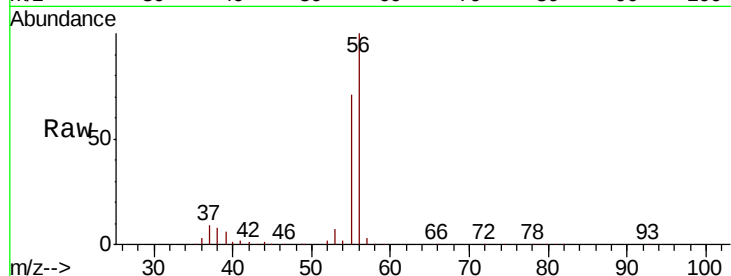
VSTDCCC050EC

Tot Ion: 56 Resp: 116207

Ion Ratio Lower Upper

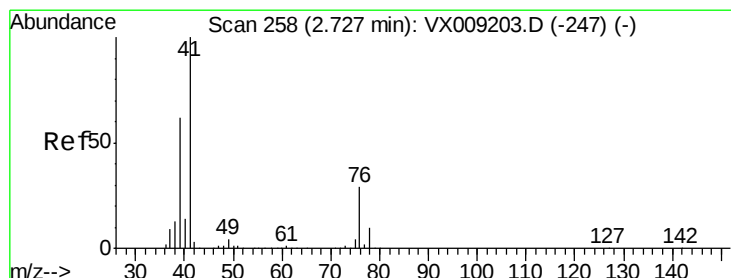
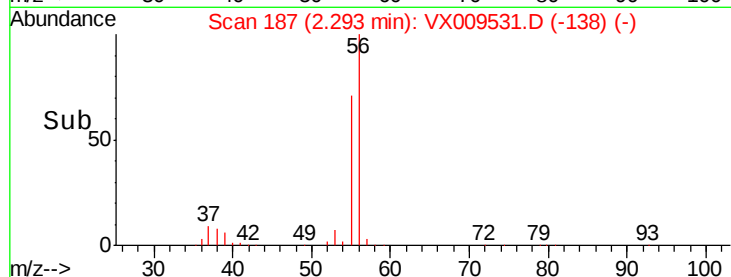
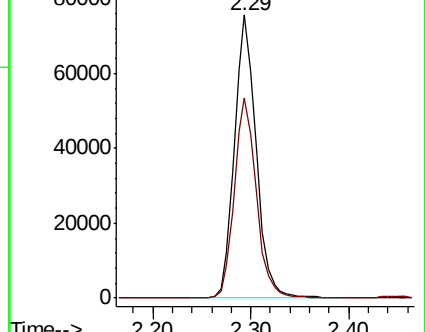
56 100

55 71.9 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.284 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

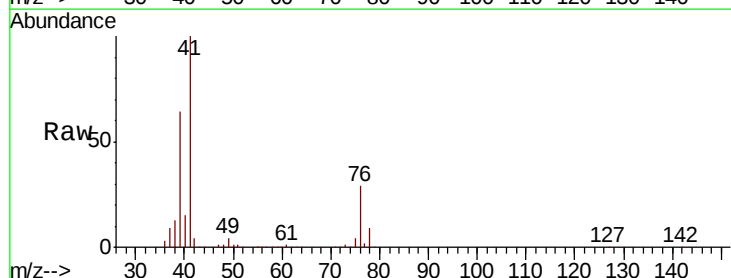
Tgt Ion: 41 Resp: 185779

Ion Ratio Lower Upper

41 100

39 59.0 46.7 70.1

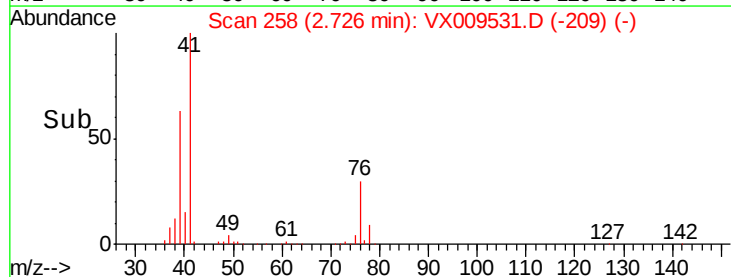
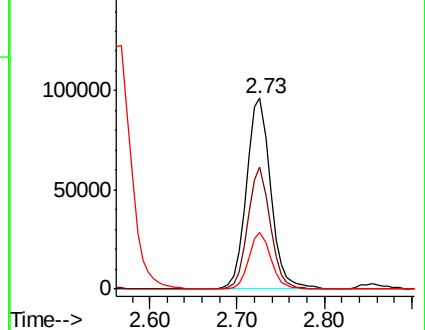
76 26.9 21.8 32.8

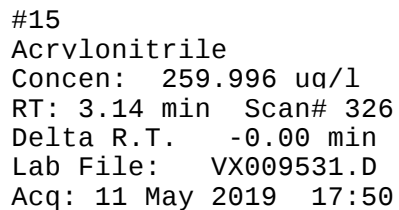


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

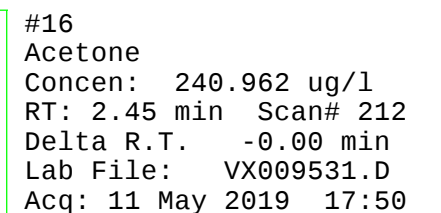
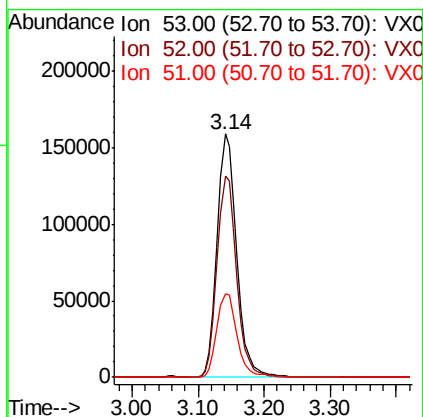
Ion 75.90 (75.60 to 76.60): VX0



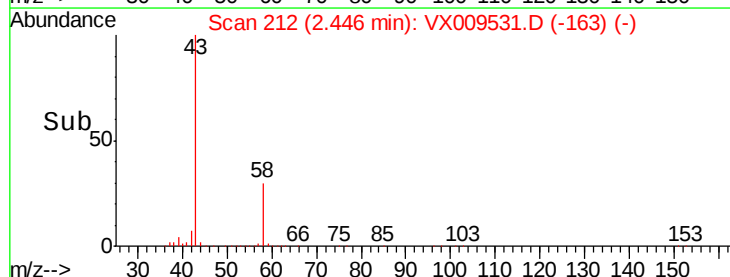
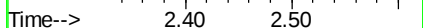
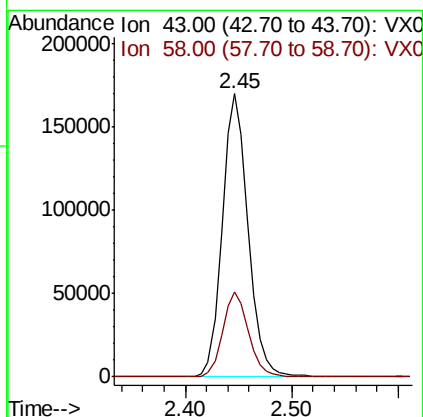


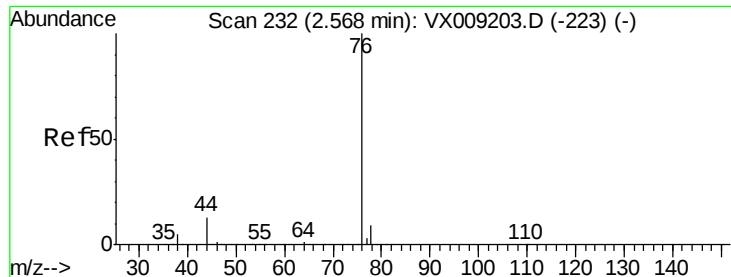
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot	Ion: 53	Resp:	324568
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.9	100.3
51	35.8	28.2	42.2



Tgt	Ion: 43	Resp:	285386
Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.9	37.3





#17

Carbon Disulfide

Concen: 51.986 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

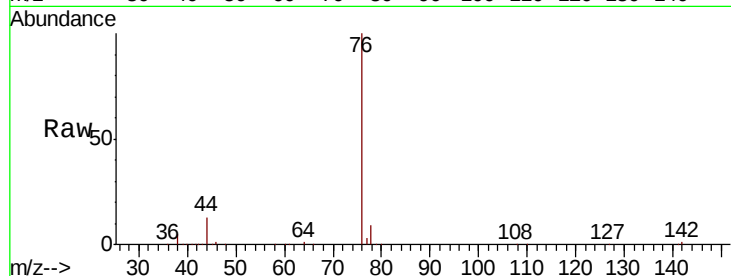
VSTDCCC050EC

Tot Ion: 76 Resp: 221272

Ion Ratio Lower Upper

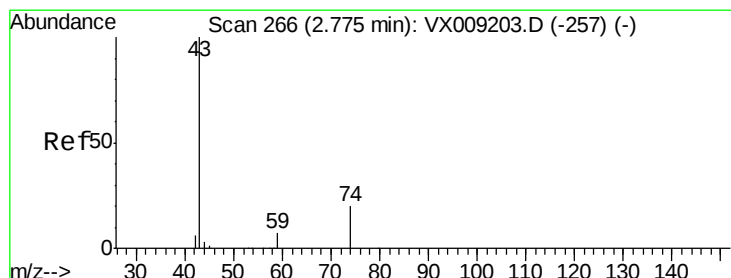
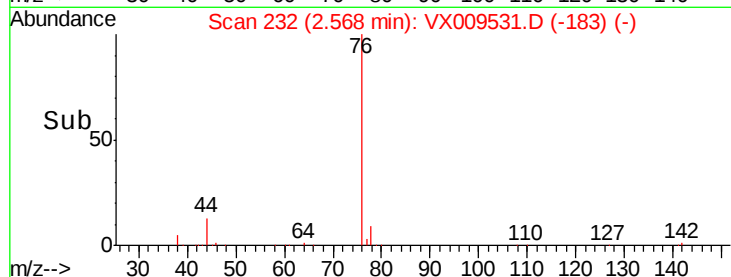
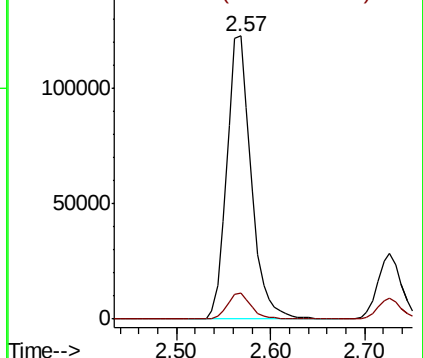
76 100

78 9.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.914 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009531.D

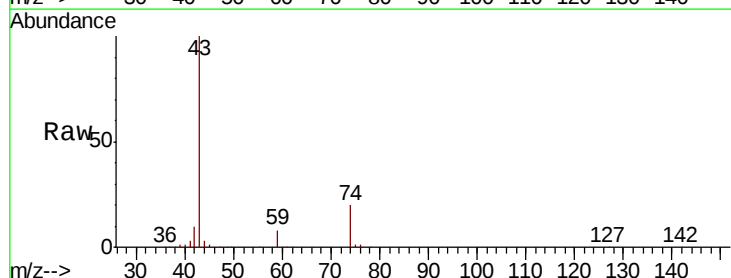
Acq: 11 May 2019 17:50

Tgt Ion: 43 Resp: 140590

Ion Ratio Lower Upper

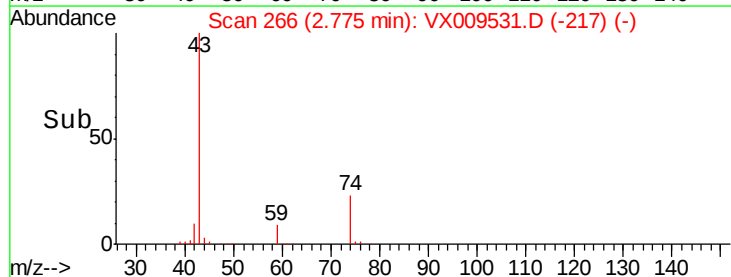
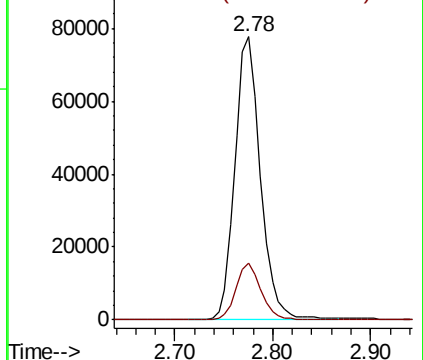
43 100

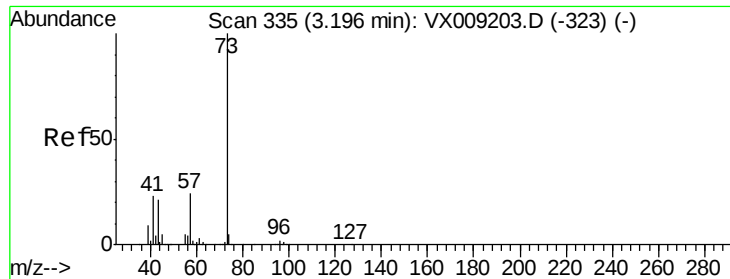
74 20.1 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



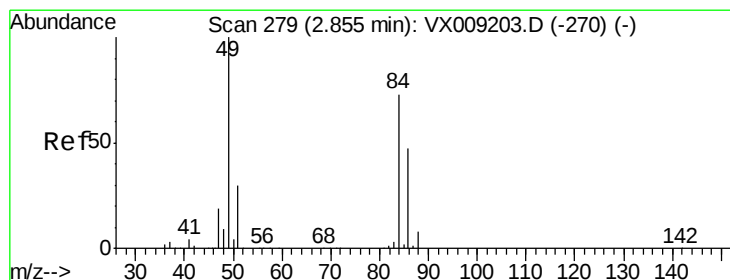
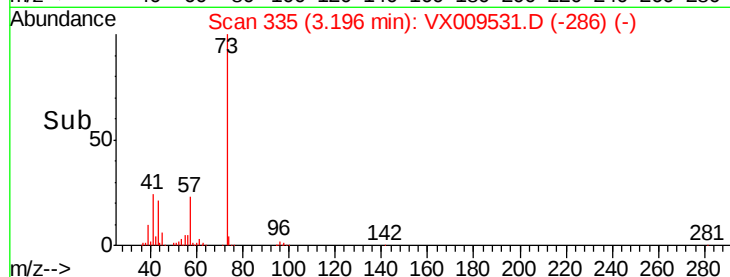
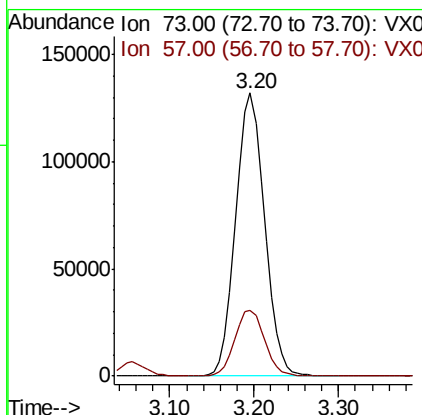
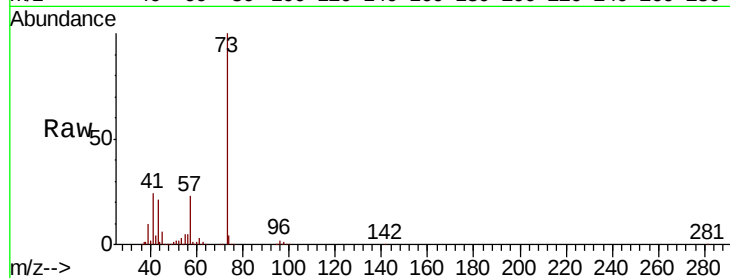


#19

Methyl tert-butyl Ether
 Concen: 52.032 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX009531.D
 Acq: 11 May 2019 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

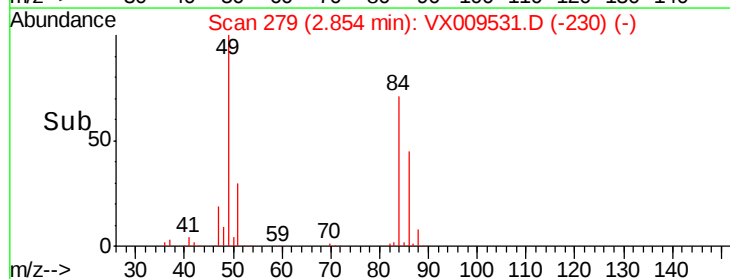
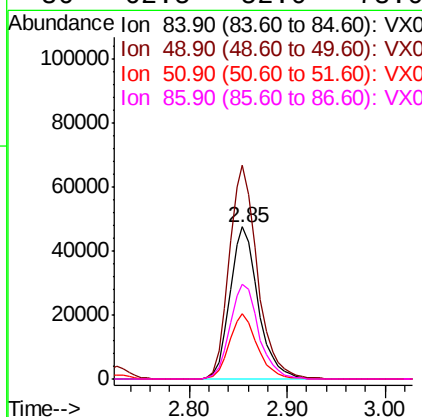
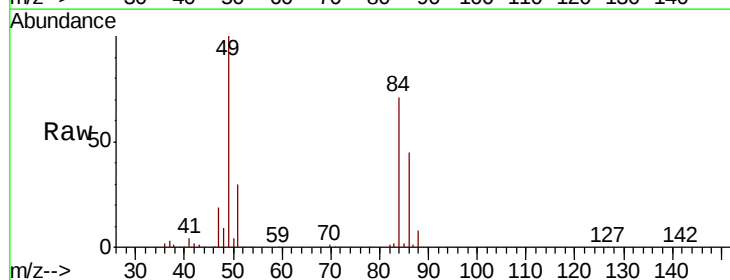
Tot Ion: 73 Resp: 306317
 Ion Ratio Lower Upper
 73 100
 57 23.3 19.3 28.9

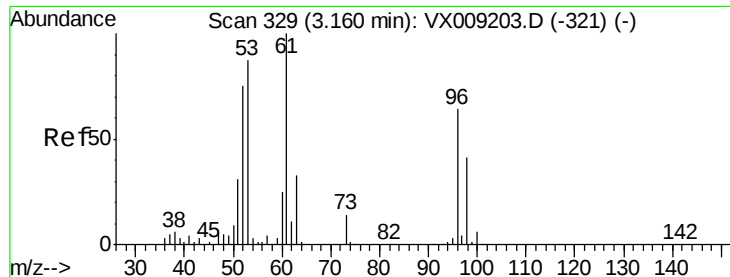


#20

Methylene Chloride
 Concen: 49.644 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009531.D
 Acq: 11 May 2019 17:50

Tgt Ion: 84 Resp: 95199
 Ion Ratio Lower Upper
 84 100
 49 140.0 109.9 164.9
 51 42.5 32.7 49.1
 86 62.5 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 52.159 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

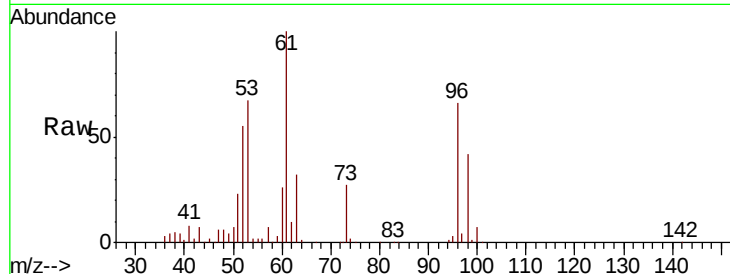
Tot Ion: 96 Resp: 85757

Ion Ratio Lower Upper

96 100

61 152.3 124.5 186.7

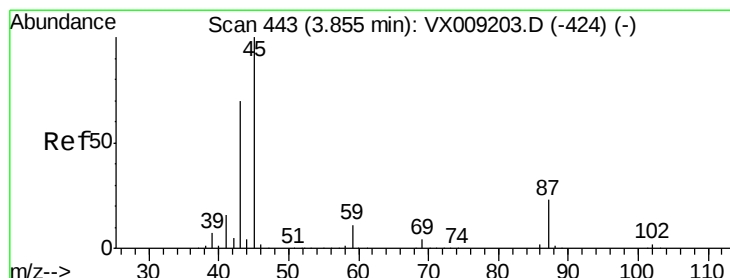
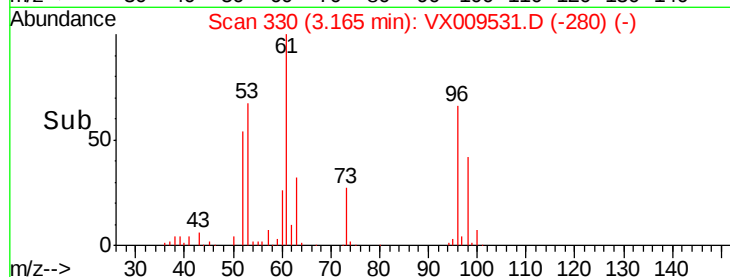
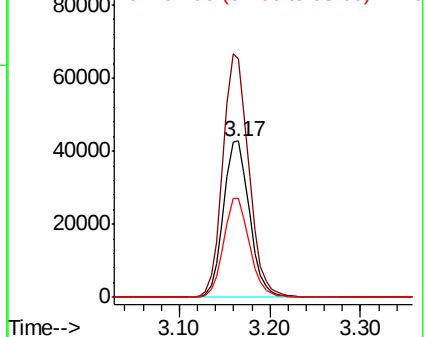
98 63.5 50.4 75.6



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: 51.896 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Tgt Ion: 45 Resp: 368727

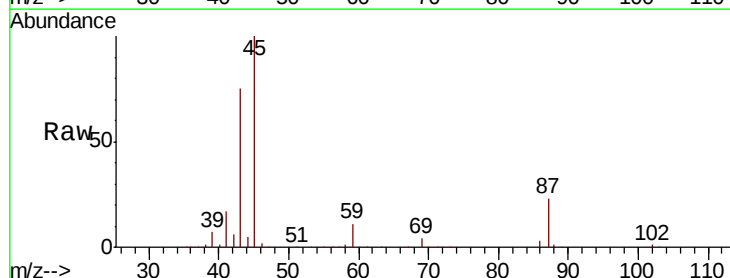
Ion Ratio Lower Upper

45 100

43 74.7 56.1 84.1

87 23.4 18.1 27.1

59 10.8 8.5 12.7

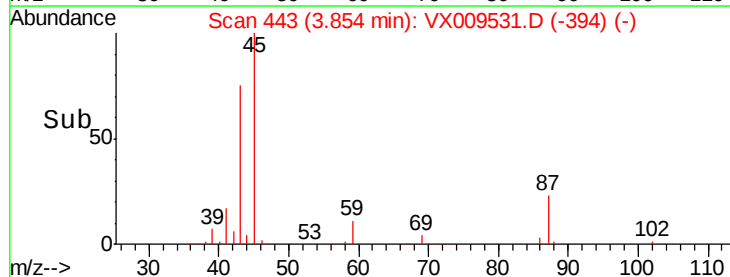
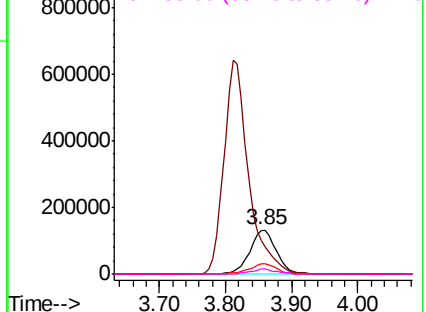


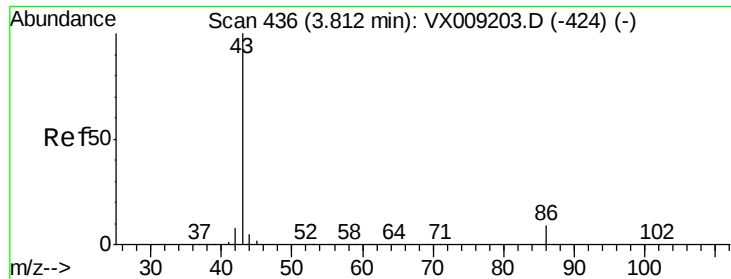
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 272.345 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Instrument :

MSVOA_X

ClientSampleID :

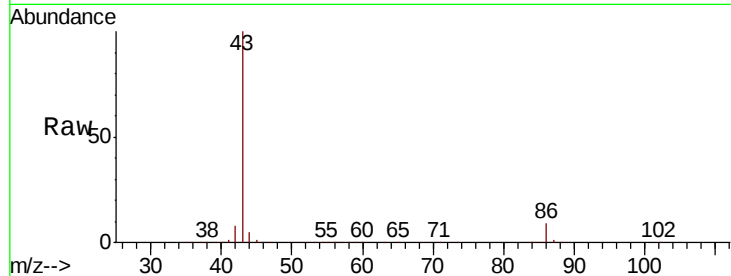
VSTDCCC050EC

Tot Ion: 43 Resp: 1656995

Ion Ratio Lower Upper

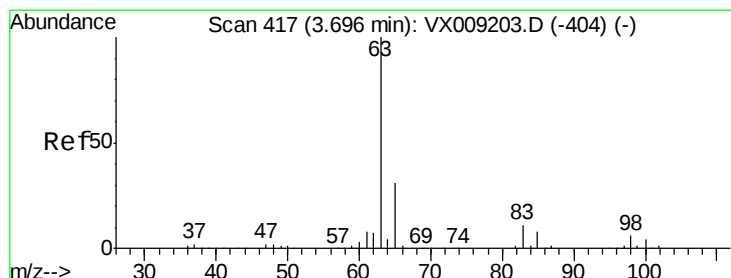
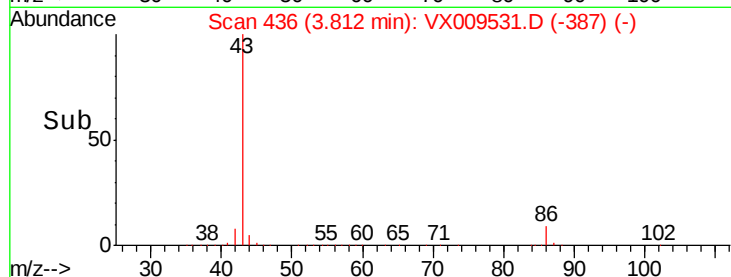
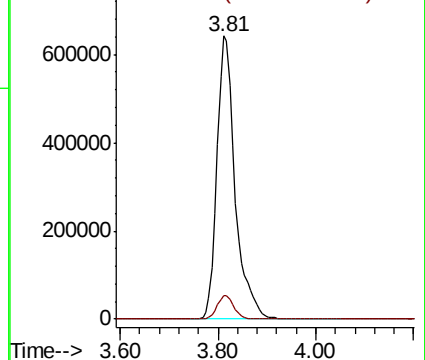
43 100

86 8.5 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.965 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

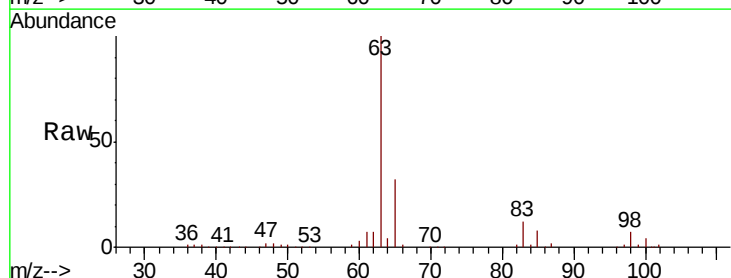
Tgt Ion: 63 Resp: 178633

Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.2

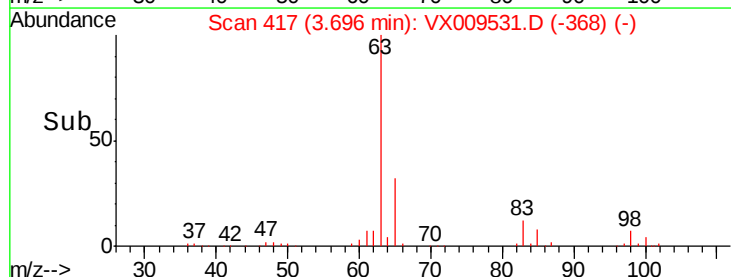
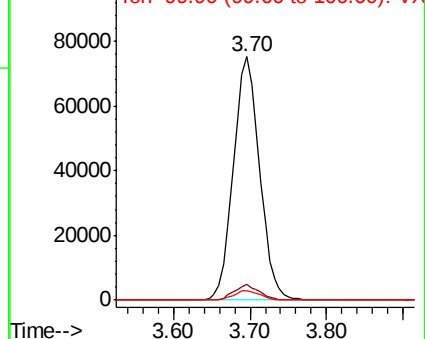
100 4.0 2.0 6.0



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





#25

2-Butanone

Concen: 262.260 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

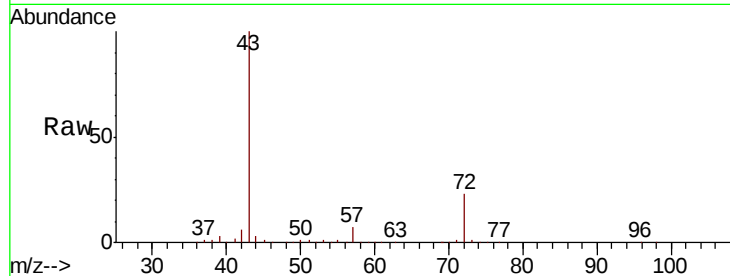
VSTDCCC050EC

Tot Ion: 43 Resp: 482680

Ion Ratio Lower Upper

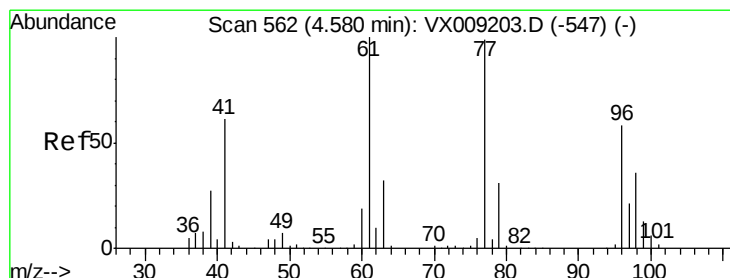
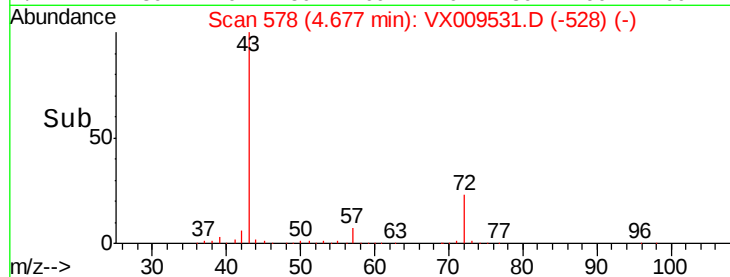
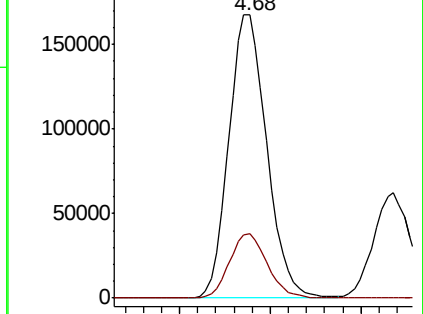
43 100

72 22.8 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.296 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009531.D

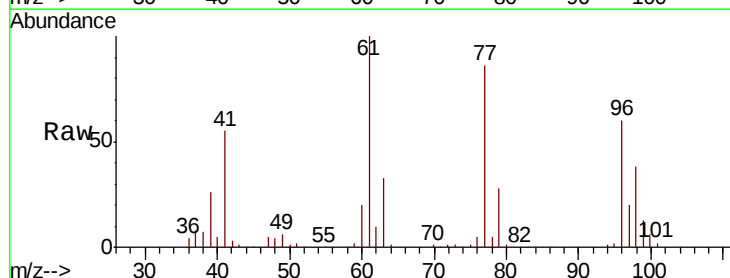
Acq: 11 May 2019 17:50

Tgt Ion: 77 Resp: 118174

Ion Ratio Lower Upper

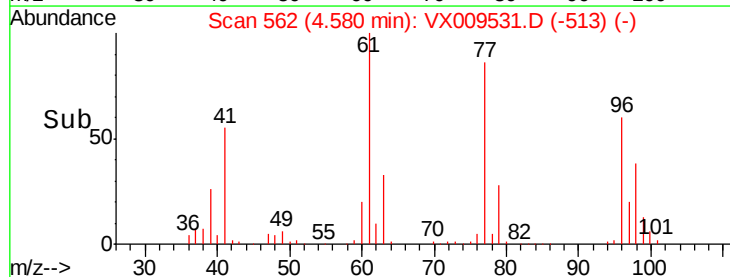
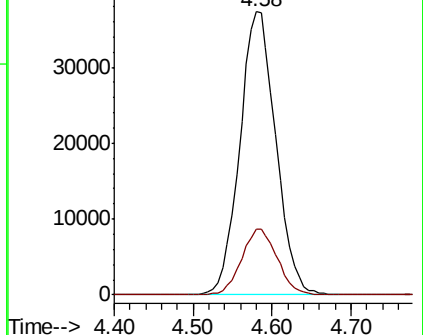
77 100

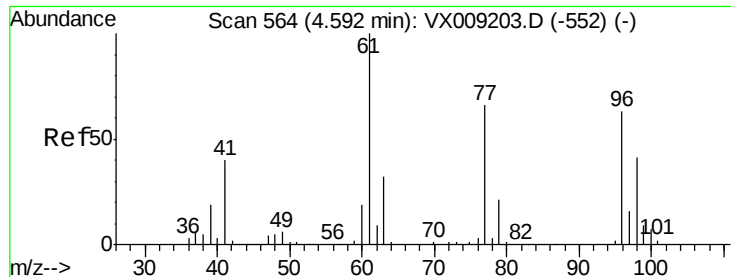
97 23.1 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



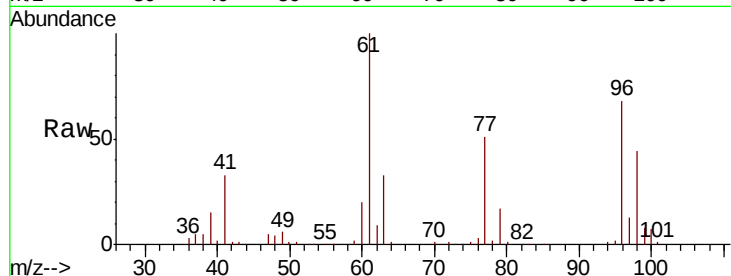


#27

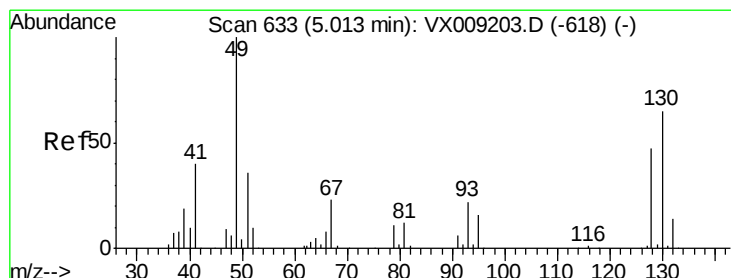
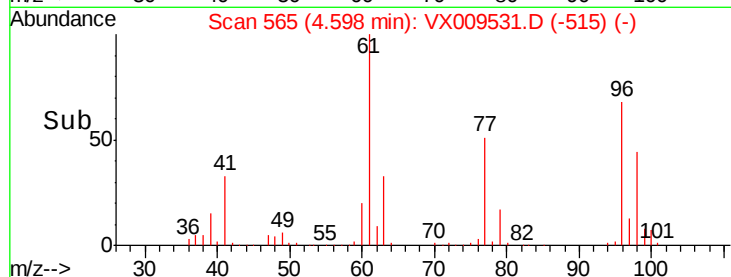
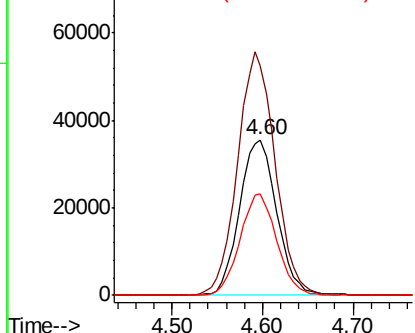
cis-1,2-Dichloroethene
 Concen: 51.469 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009531.D
 Acq: 11 May 2019 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.4	0.0	324.0
98	64.6	0.0	130.4



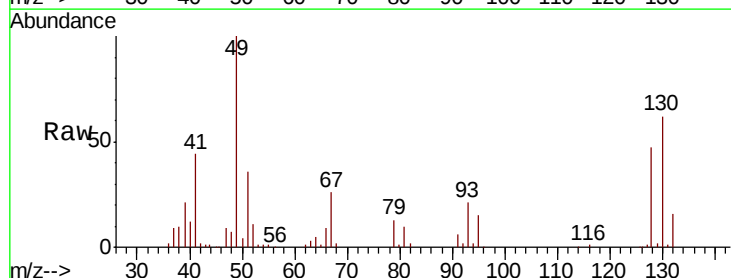
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



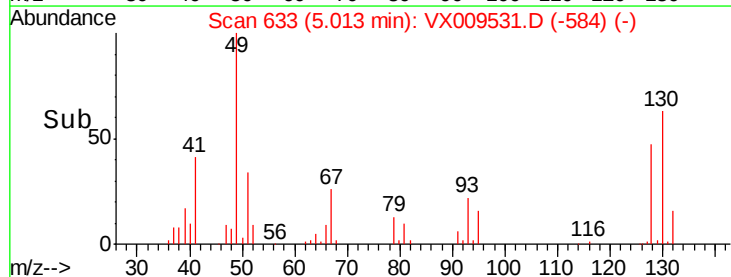
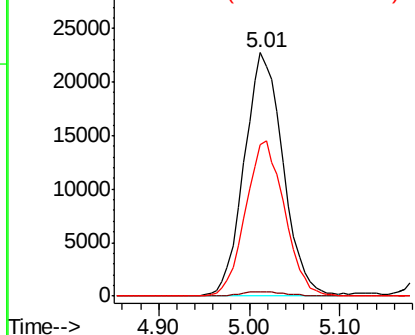
#28

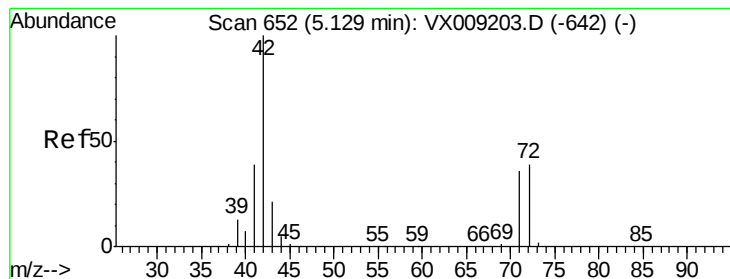
Bromochloromethane
 Concen: 47.635 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009531.D
 Acq: 11 May 2019 17:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	64.1	51.2	76.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 270.691 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

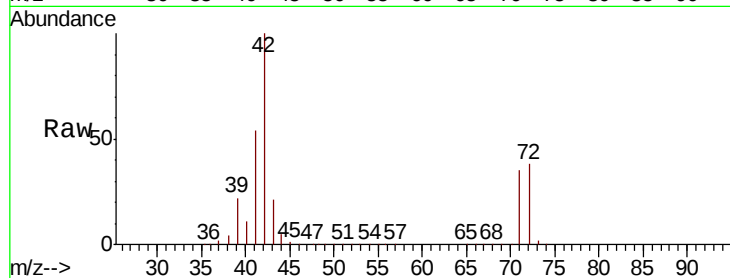
Tot Ion: 42 Resp: 320587

Ion Ratio Lower Upper

42 100

72 37.5 30.4 45.6

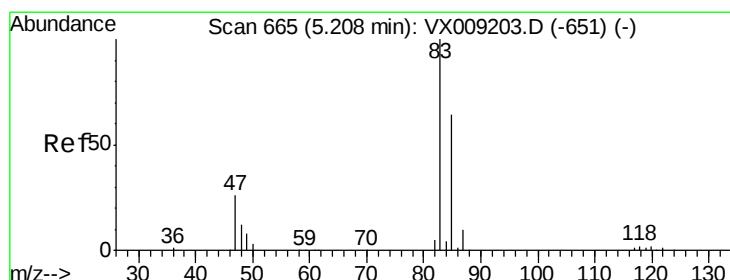
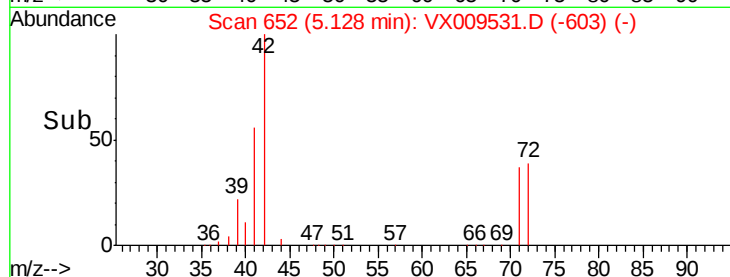
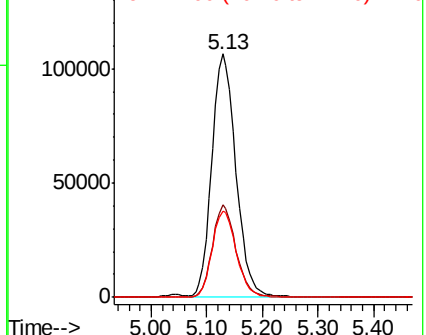
71 35.6 28.6 43.0



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: 52.043 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX009531.D

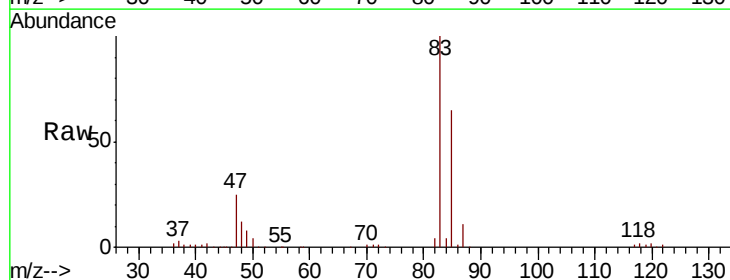
Acq: 11 May 2019 17:50

Tgt Ion: 83 Resp: 164981

Ion Ratio Lower Upper

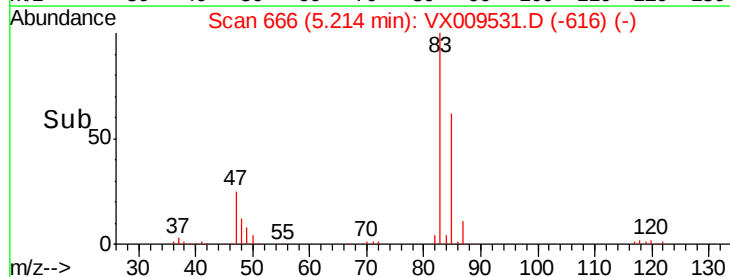
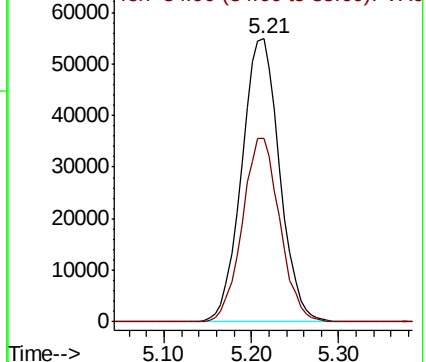
83 100

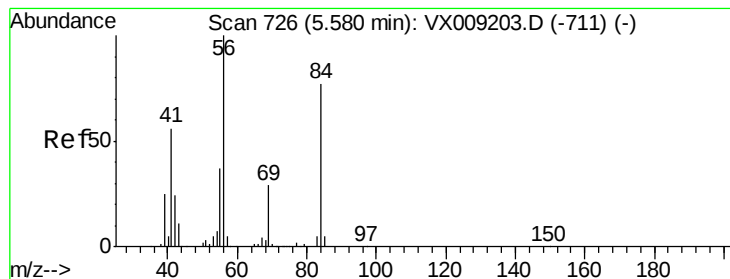
85 64.7 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 52.317 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

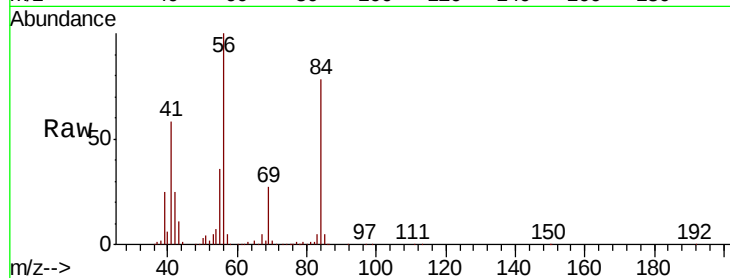
Tot Ion: 56 Resp: 170604

Ion Ratio Lower Upper

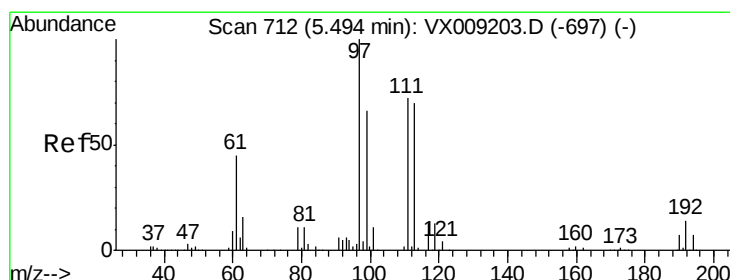
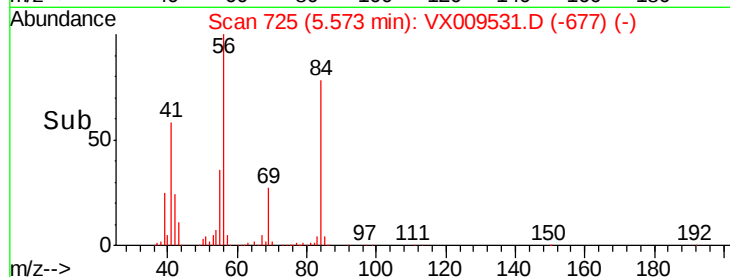
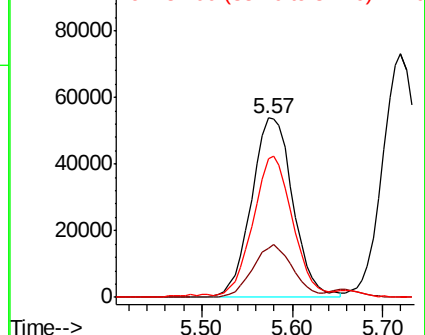
56 100

69 27.2 23.4 35.0

84 76.2 61.9 92.9



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: 52.130 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

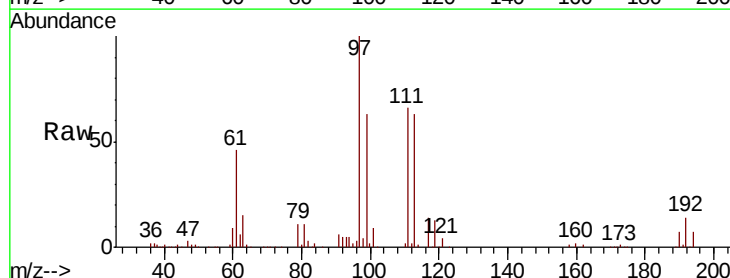
Tgt Ion: 97 Resp: 137569

Ion Ratio Lower Upper

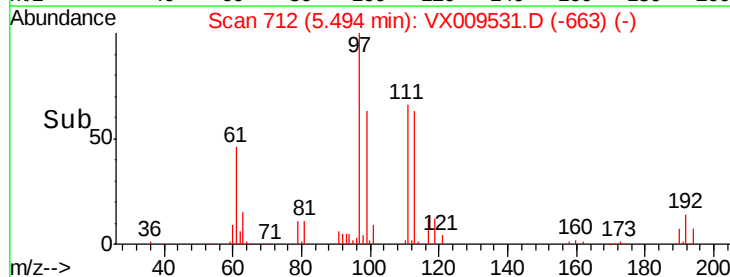
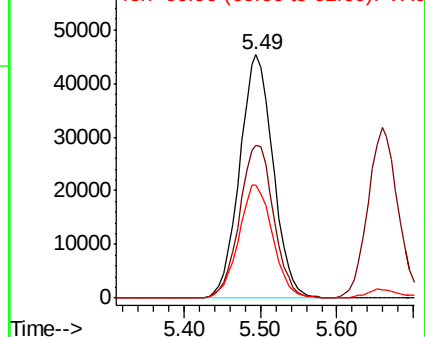
97 100

99 64.3 51.8 77.8

61 47.2 37.8 56.8



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

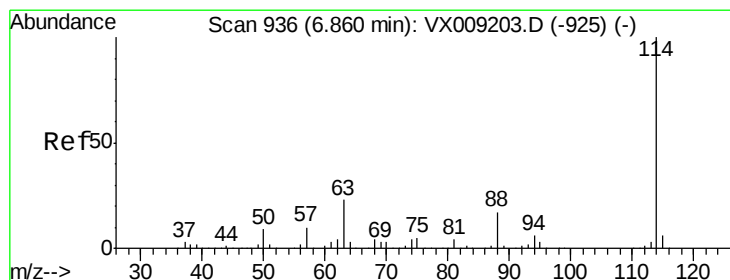
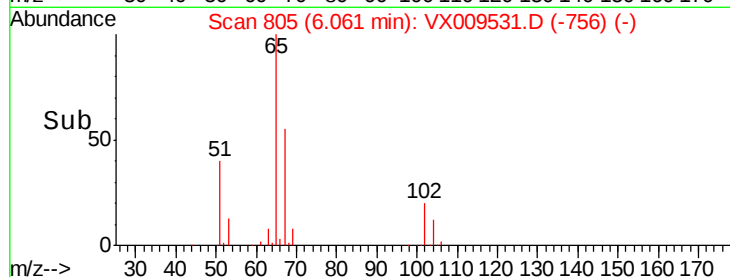
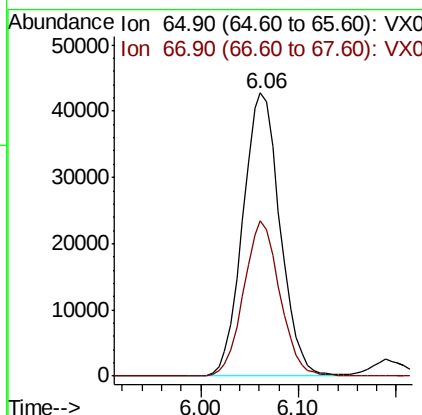
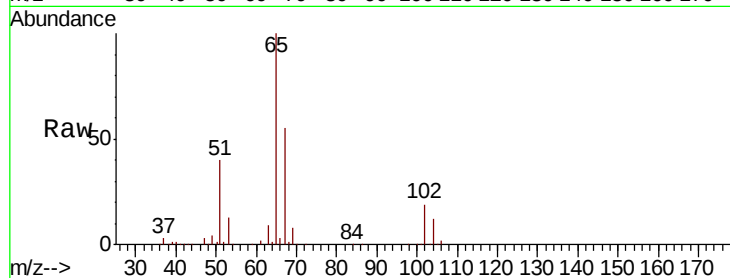




#33
 1,2-Dichloroethane-d4
 Concen: 51.207 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009531.D
 Acq: 11 May 2019 17:50

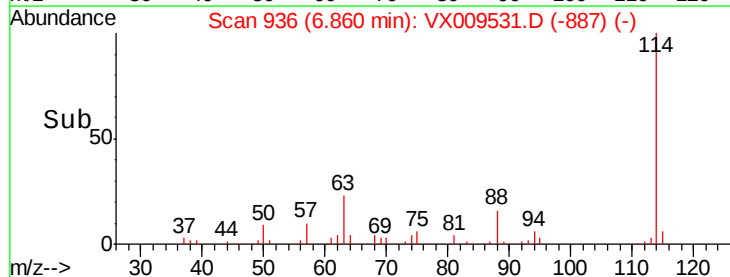
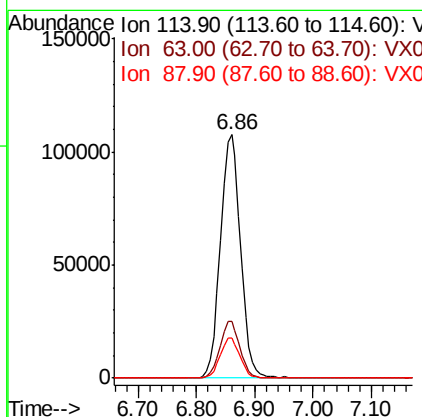
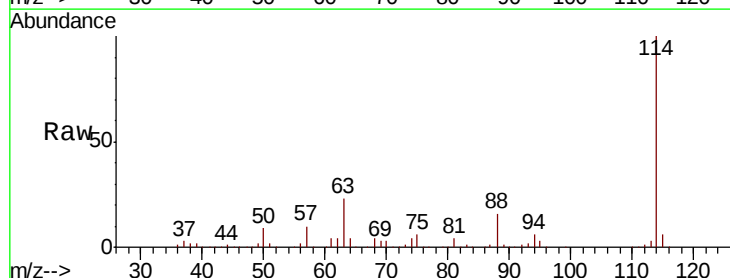
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 112946
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009531.D
 Acq: 11 May 2019 17:50

Tgt Ion: 114 Resp: 258063
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.6
 88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.465 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

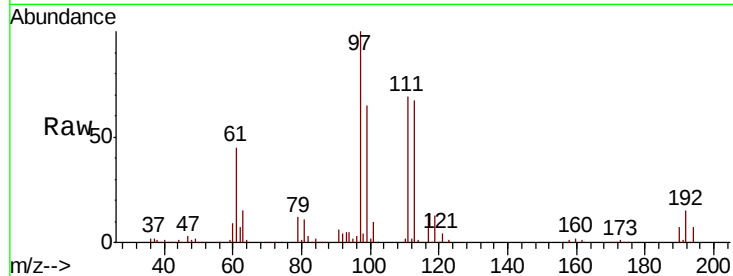
Tot Ion:113 Resp: 83491

Ion Ratio Lower Upper

113 100

111 103.4 82.8 124.2

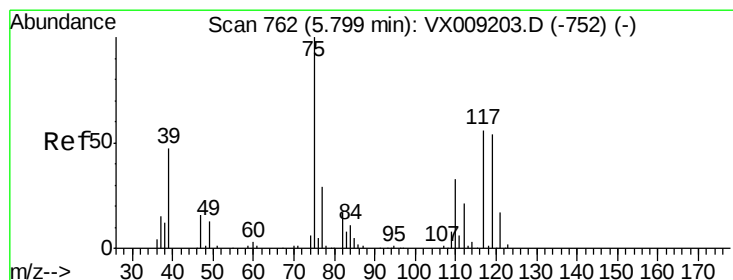
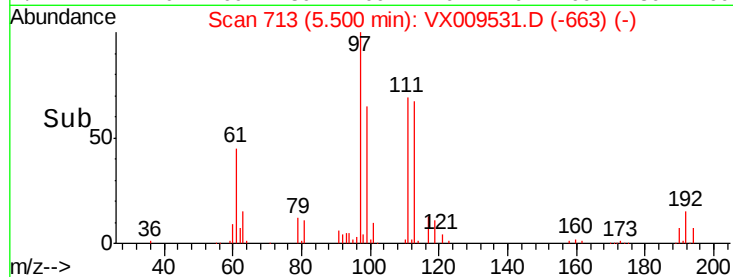
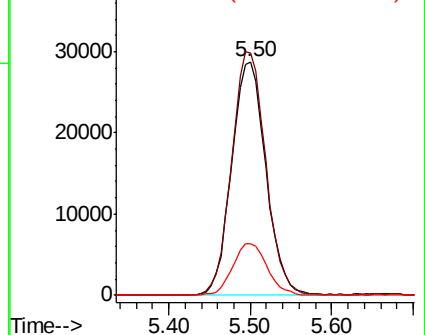
192 22.5 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.879 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

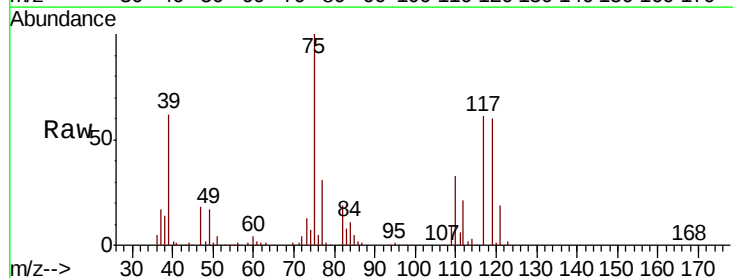
Tgt Ion: 75 Resp: 126815

Ion Ratio Lower Upper

75 100

110 33.6 16.9 50.6

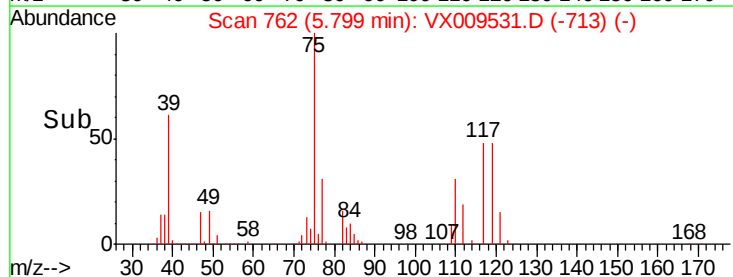
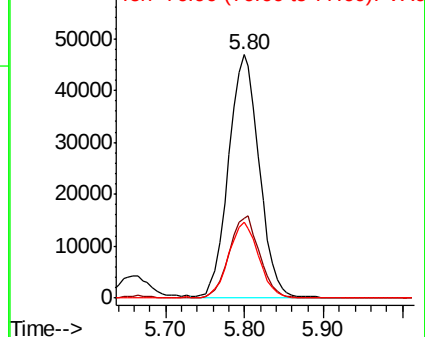
77 30.5 24.8 37.2

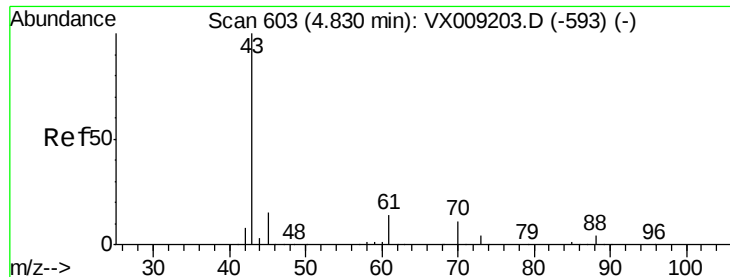


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 54.310 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

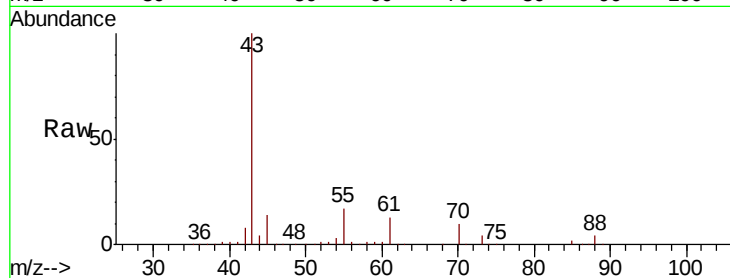
Tot Ion: 43 Resp: 181472

Ion Ratio Lower Upper

43 100

61 13.3 10.5 15.7

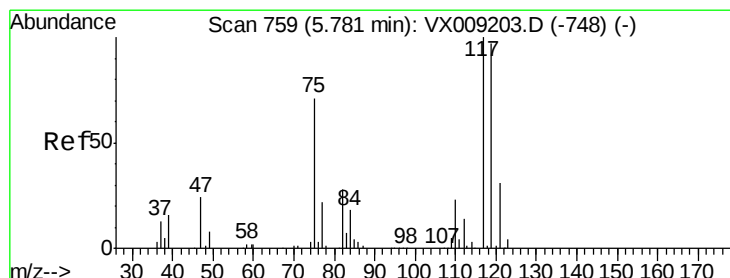
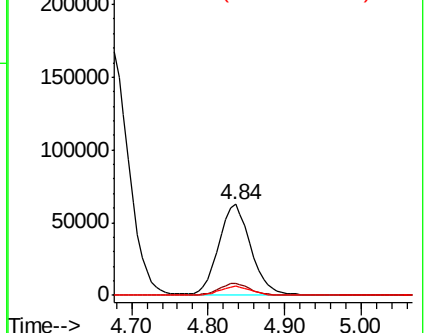
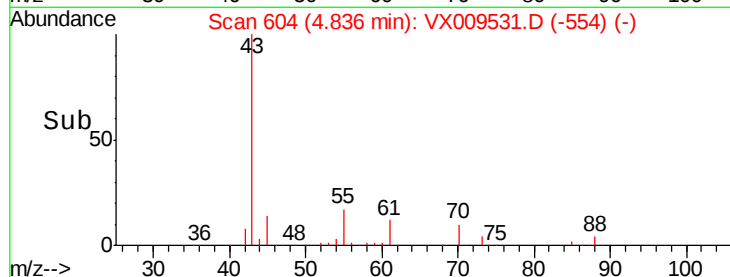
70 9.6 7.9 11.9



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: 53.120 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

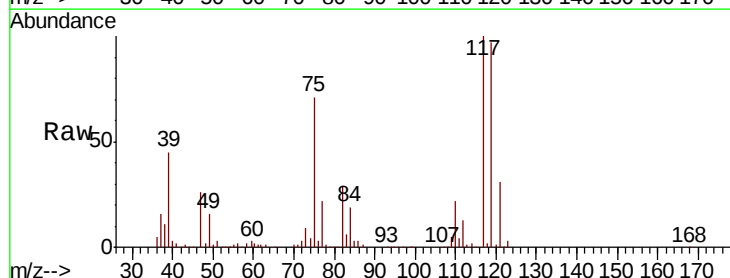
Tgt Ion: 117 Resp: 115745

Ion Ratio Lower Upper

117 100

119 96.7 77.5 116.3

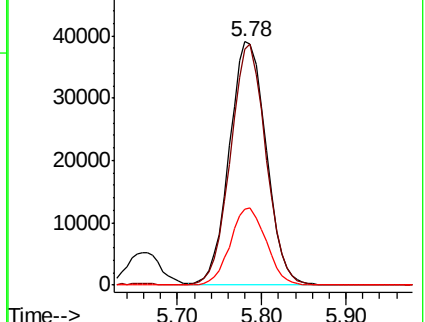
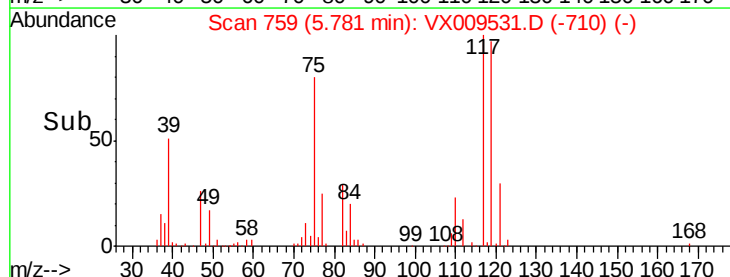
121 31.0 24.7 37.1

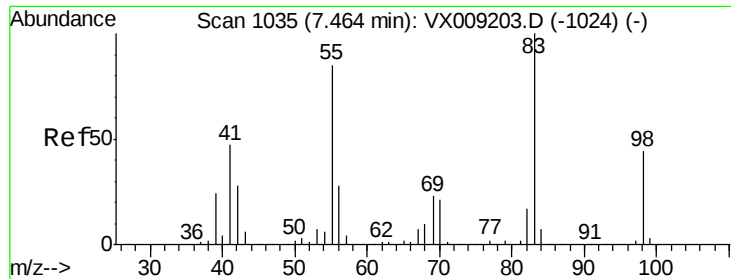


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

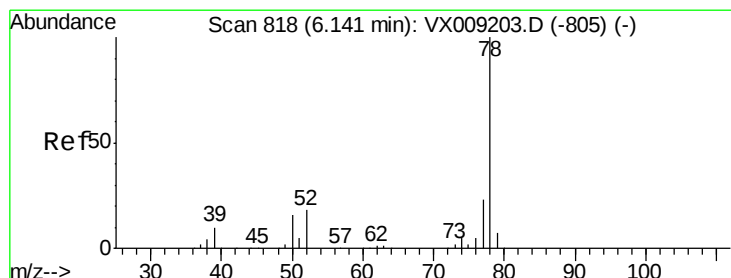
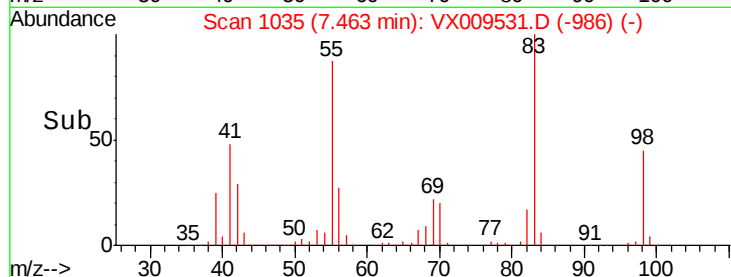
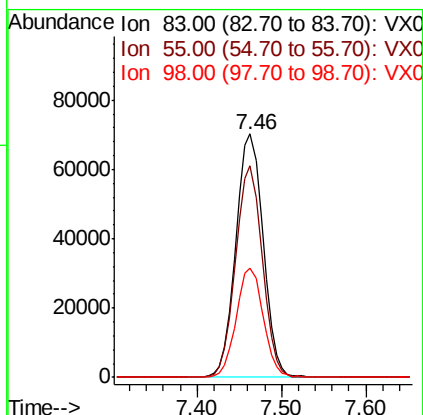
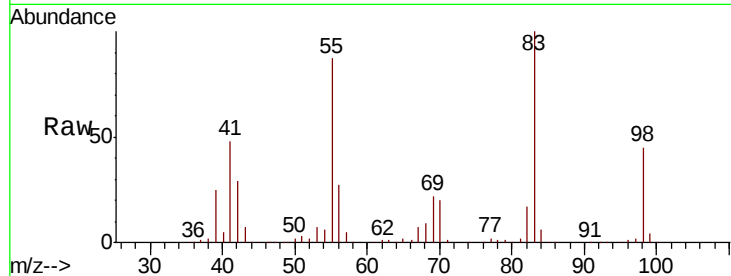




#39
Methvlcvclohexane
Concen: 52.164 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009531.D
Acq: 11 May 2019 17:50

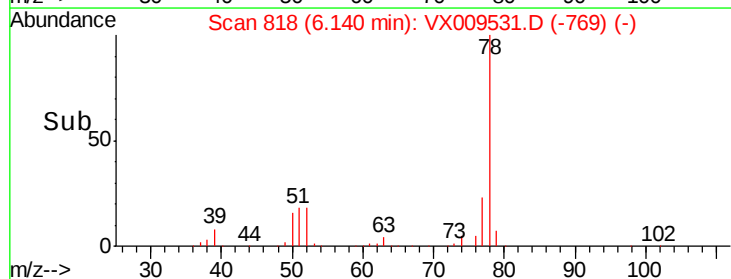
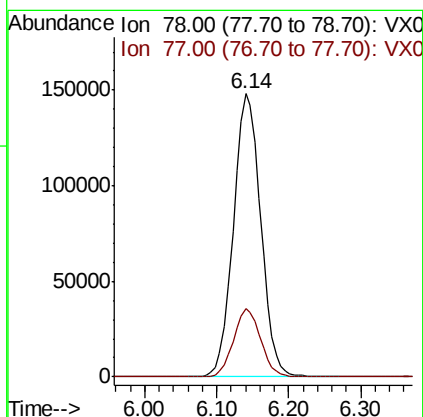
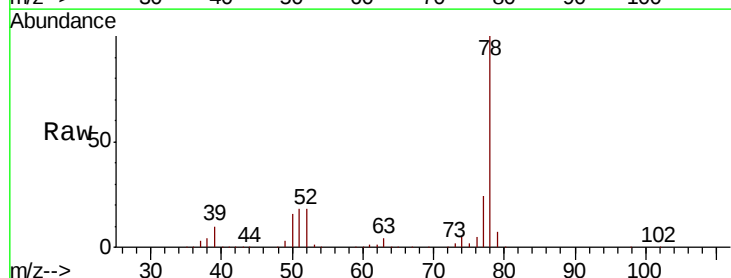
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 153636
Ion Ratio Lower Upper
83 100
55 86.7 67.7 101.5
98 45.0 35.5 53.3



#40
Benzene
Concen: 52.477 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009531.D
Acq: 11 May 2019 17:50

Tgt Ion: 78 Resp: 389490
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2

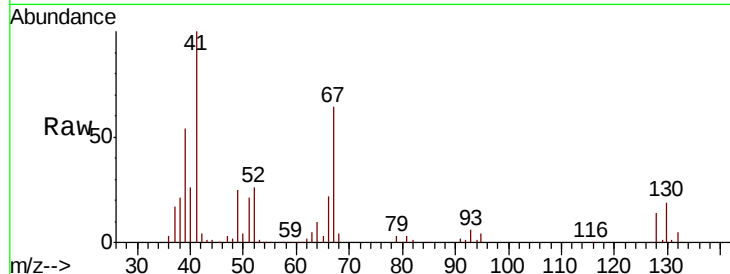




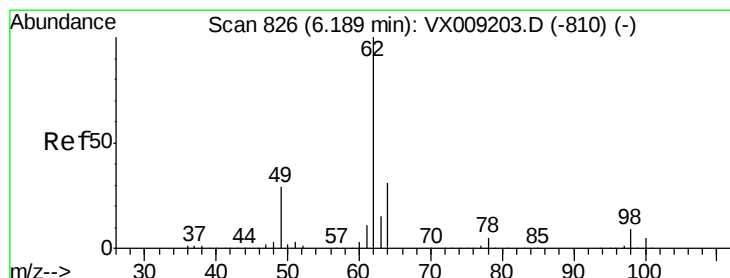
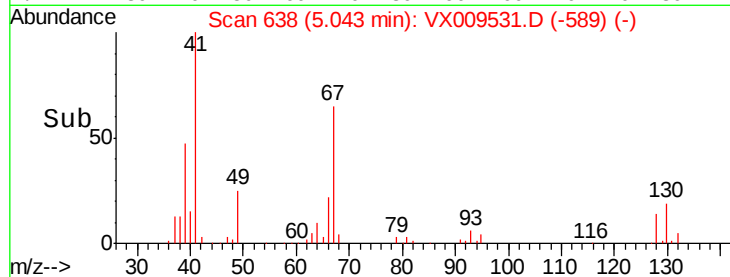
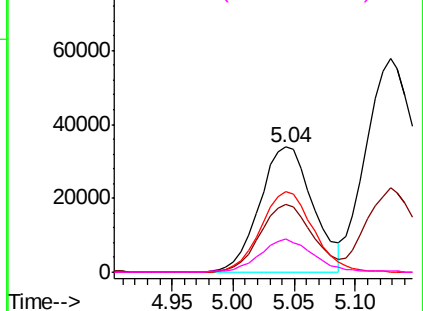
#41
Methacrylonitrile
Concen: 51.607 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009531.D
Acq: 11 May 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	102649
Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.0	63.0
67	63.8	49.8	74.8
52	25.9	20.3	30.5

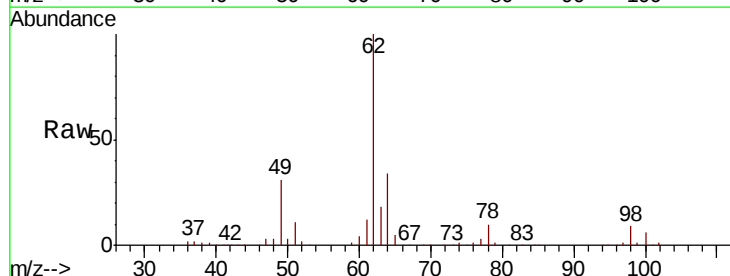


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

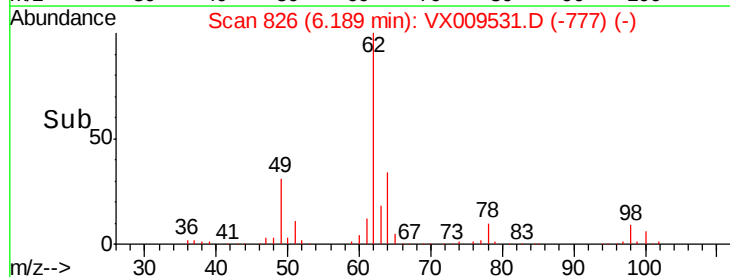
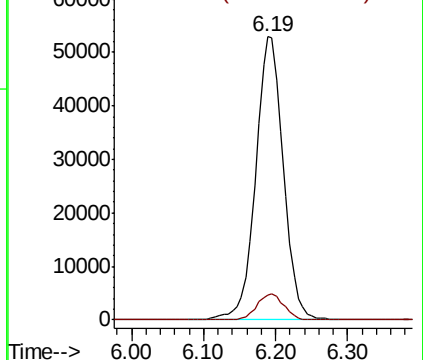


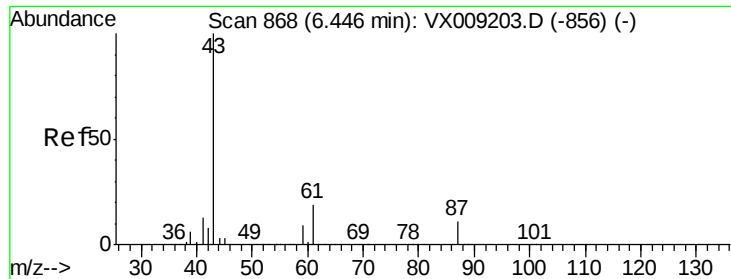
#42
1,2-Dichloroethane
Concen: 52.990 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009531.D
Acq: 11 May 2019 17:50

Tgt Ion:	62	Resp:	141080
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



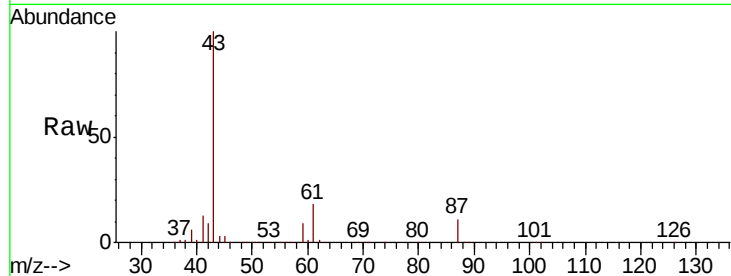


#43

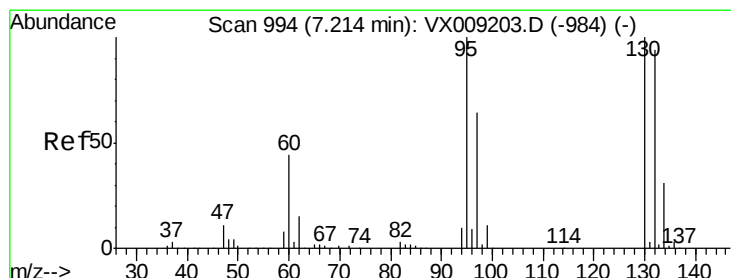
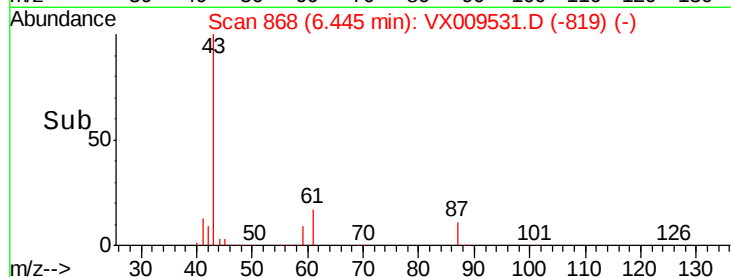
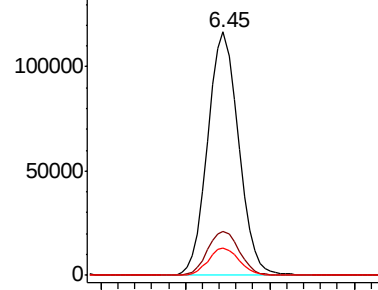
Isopropyl Acetate
 Concen: 54.007 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009531.D
 Acq: 11 May 2019 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 288657
 Ion Ratio Lower Upper
 43 100
 61 18.6 15.1 22.7
 87 11.2 9.0 13.6



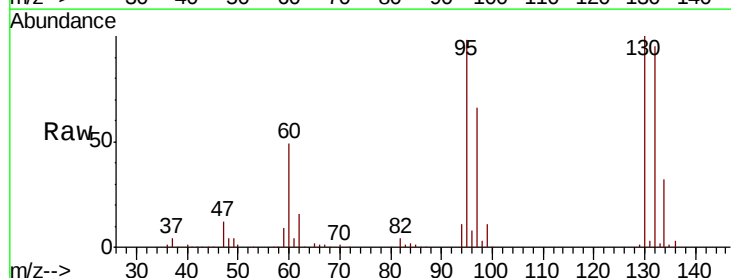
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



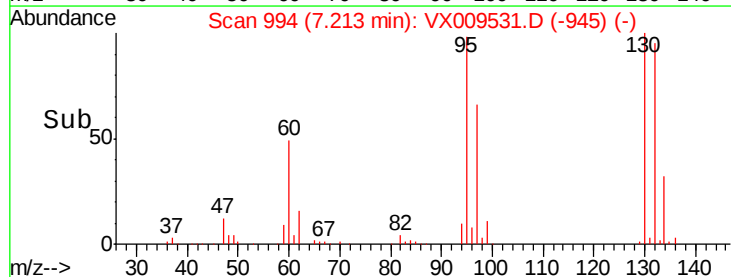
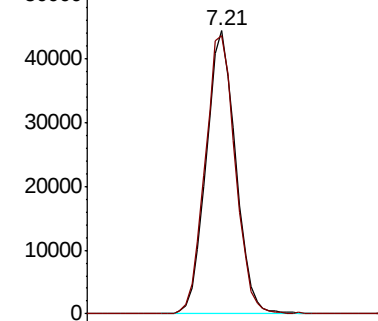
#44

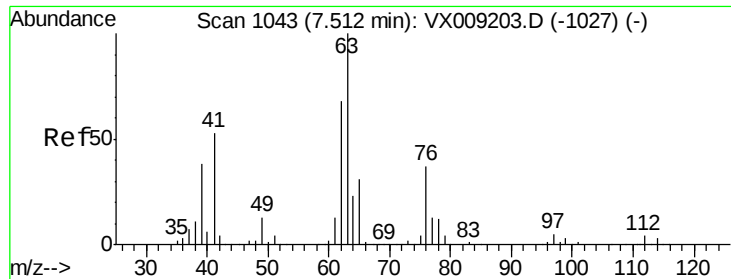
Trichloroethene
 Concen: 51.655 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009531.D
 Acq: 11 May 2019 17:50

Tgt Ion:130 Resp: 92684
 Ion Ratio Lower Upper
 130 100
 95 98.3 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

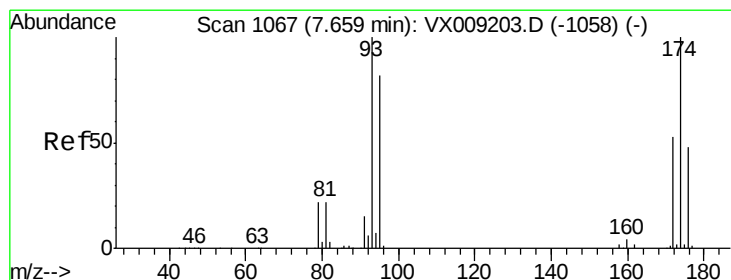
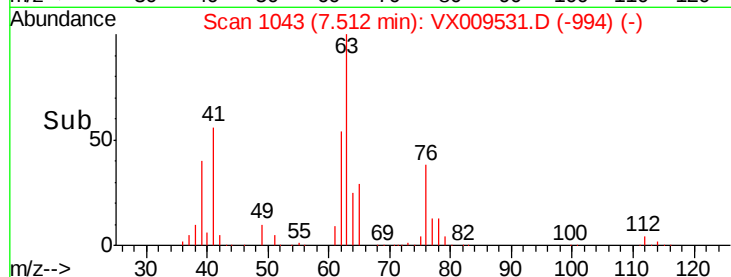
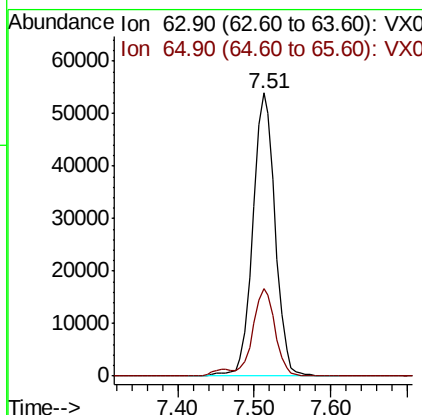
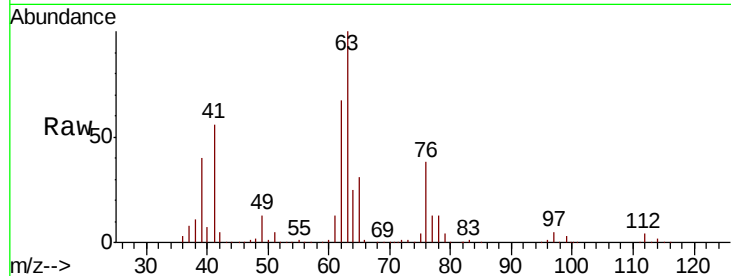




#45
 1,2-Dichloropropane
 Concen: 52.235 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009531.D
 Acq: 11 May 2019 17:50

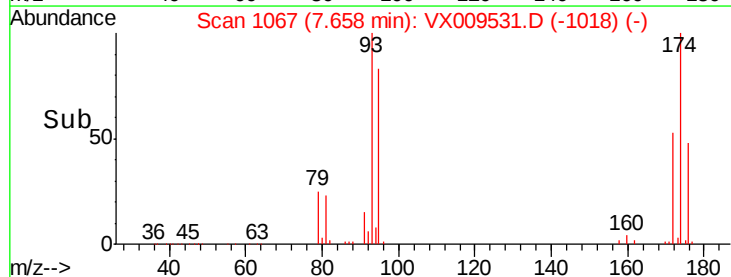
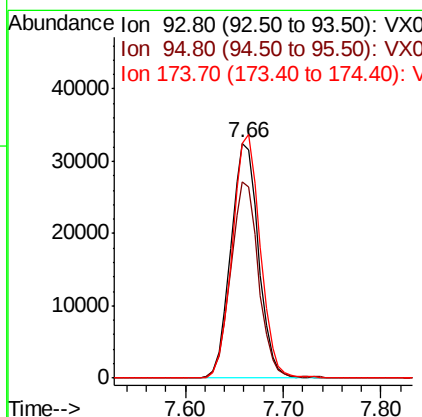
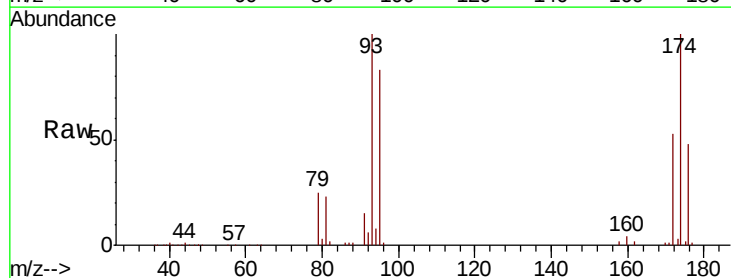
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

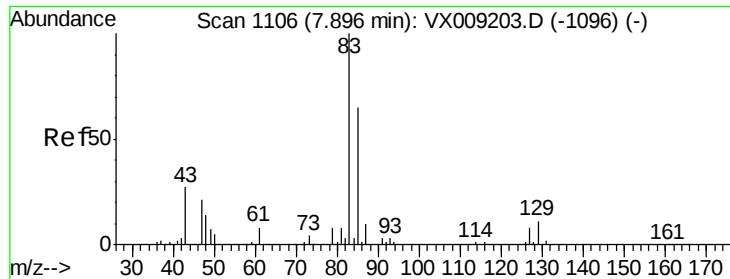
Tot Ion: 63 Resp: 109779
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.6



#46
 Dibromomethane
 Concen: 52.398 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009531.D
 Acq: 11 May 2019 17:50

Tgt Ion: 93 Resp: 63948
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.5 99.7
 174 104.4 82.1 123.1





#47

Bromodichloromethane

Concen: 53.204 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

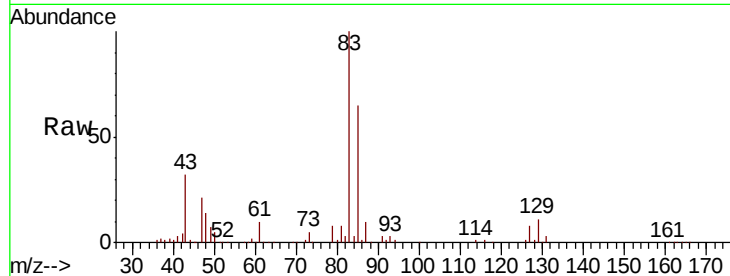
Tot Ion: 83 Resp: 129521

Ion Ratio Lower Upper

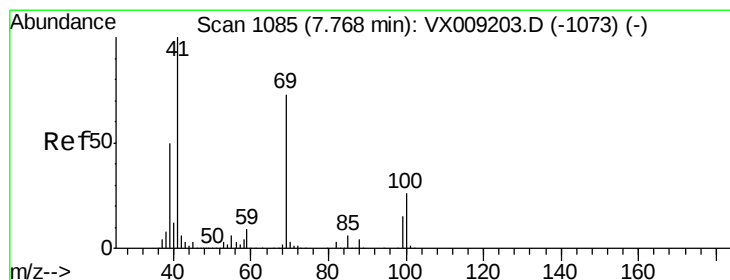
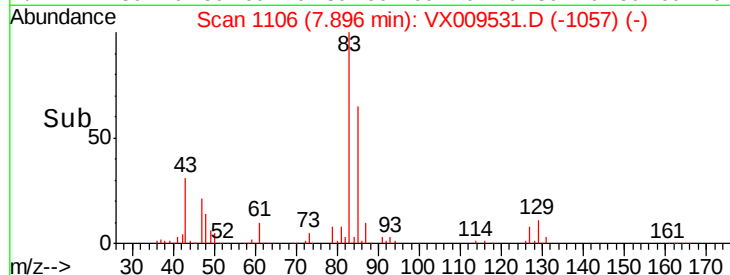
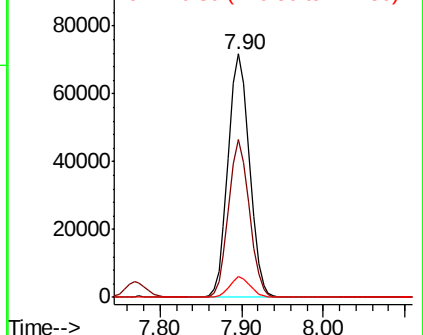
83 100

85 64.6 52.4 78.6

127 8.4 6.6 10.0



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: 54.647 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

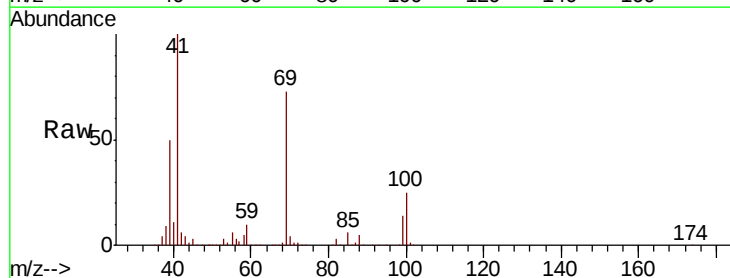
Tgt Ion: 41 Resp: 144905

Ion Ratio Lower Upper

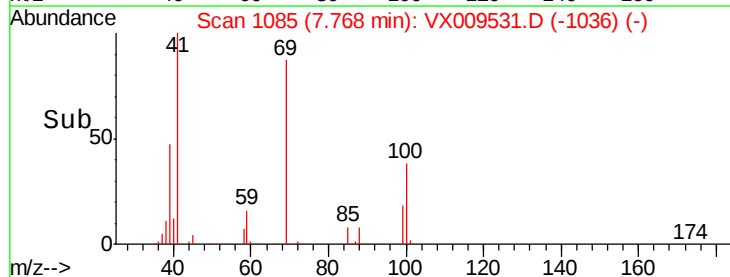
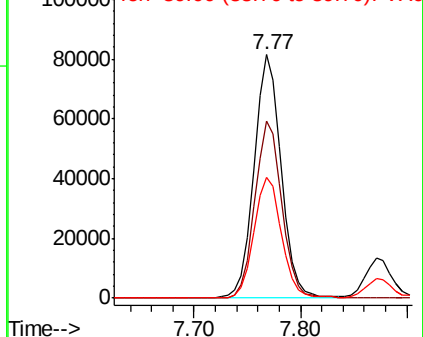
41 100

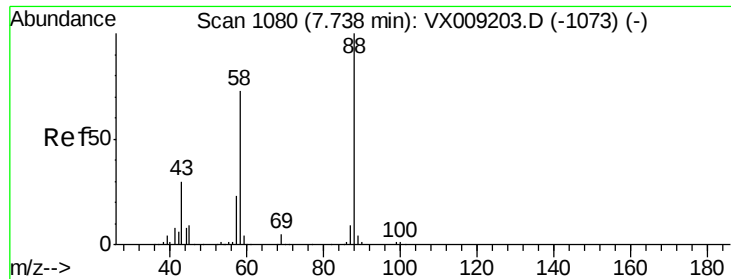
69 73.1 59.1 88.7

39 50.7 40.4 60.6



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

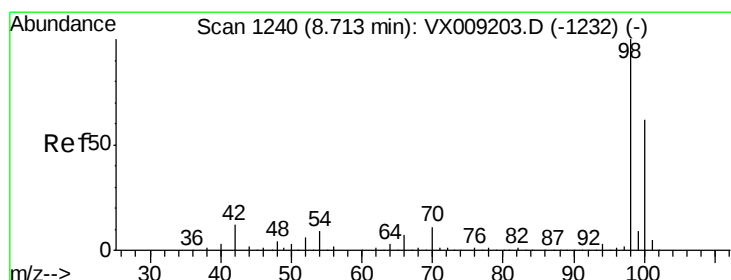
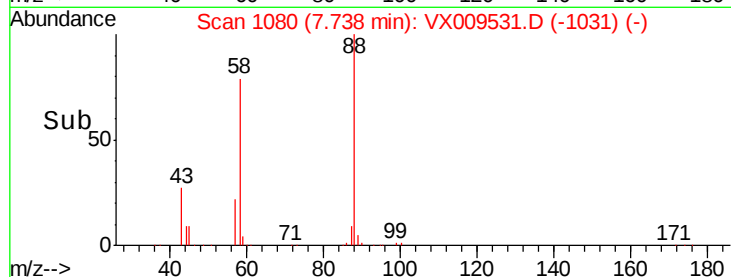
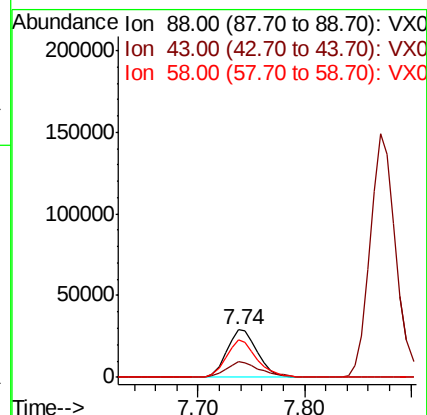
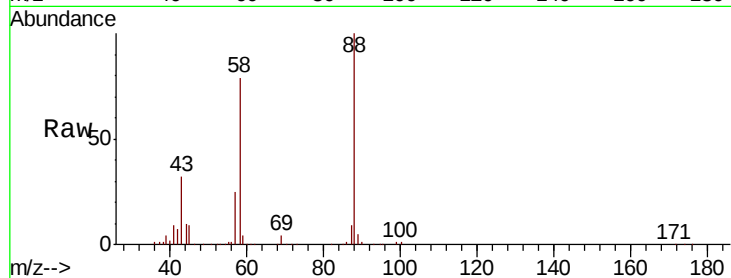




#49
1,4-Dioxane
Concen: 1094.808 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009531.D
Acq: 11 May 2019 17:50

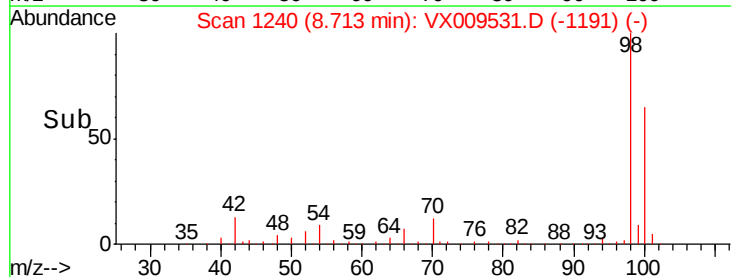
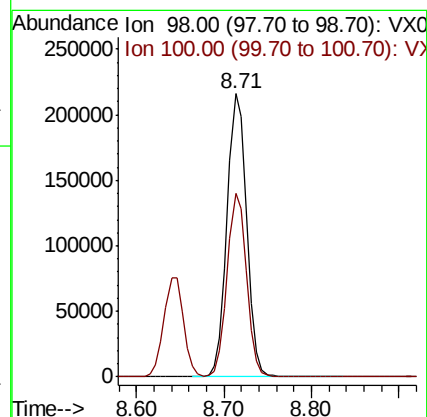
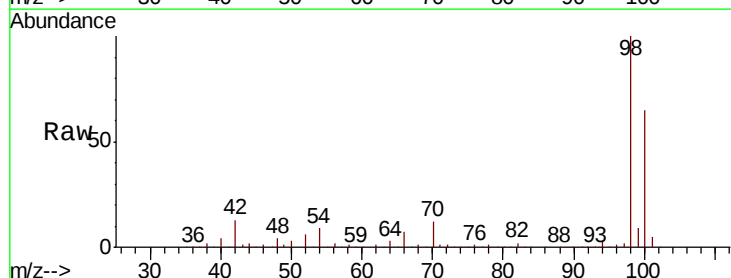
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 58874
Ion Ratio Lower Upper
88 100
43 35.3 28.6 42.8
58 78.5 61.7 92.5



#50
Toluene-d8
Concen: 51.057 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009531.D
Acq: 11 May 2019 17:50

Tgt Ion: 98 Resp: 334400
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 275.301 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

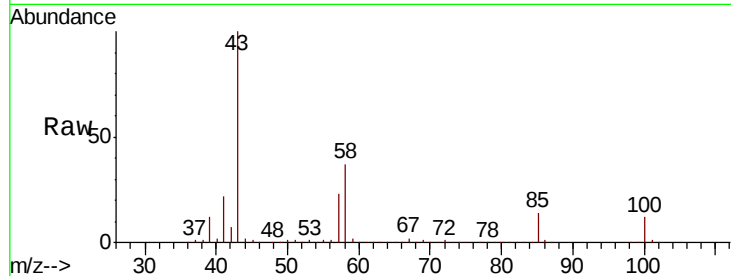
VSTDCCC050EC

Tot Ion: 43 Resp: 961755

Ion Ratio Lower Upper

43 100

58 36.7 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

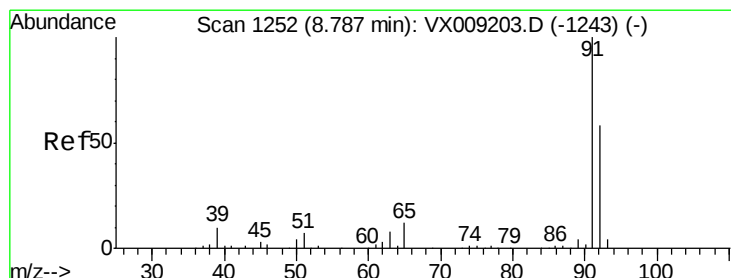
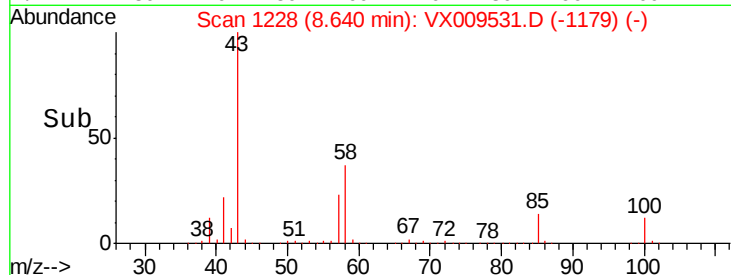
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 52.962 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009531.D

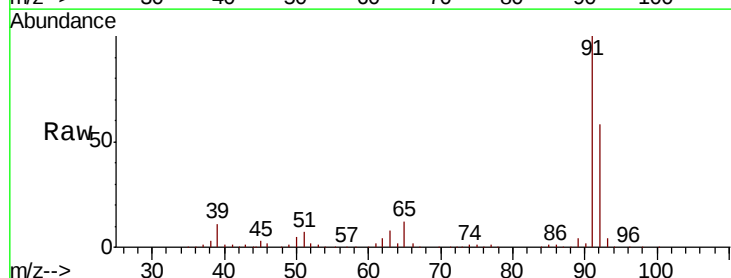
Acq: 11 May 2019 17:50

Tgt Ion: 92 Resp: 238947

Ion Ratio Lower Upper

92 100

91 173.3 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

300000

250000

200000

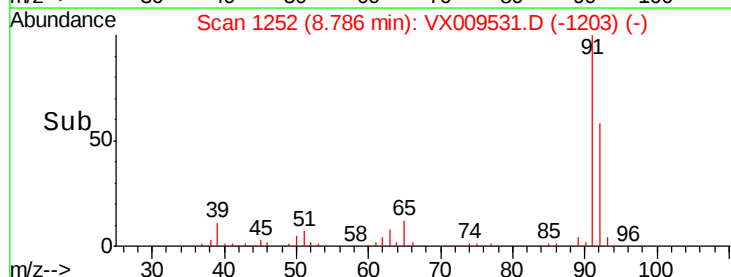
150000

100000

50000

0

Time-->

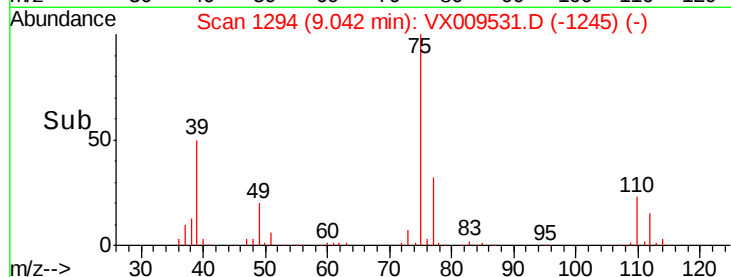
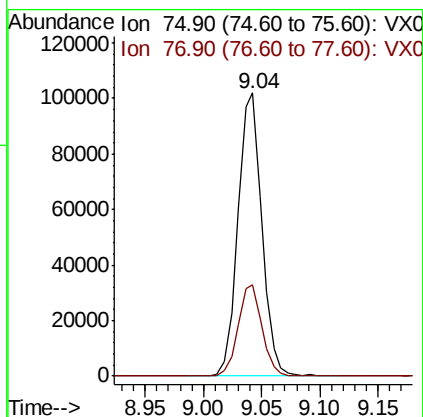
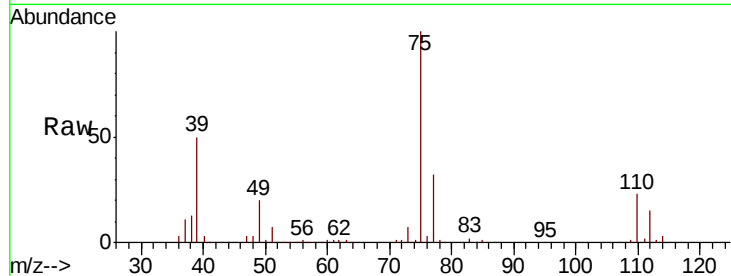




#53
t-1,3-Dichloropropene
Concen: 53.067 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009531.D
Acq: 11 May 2019 17:50

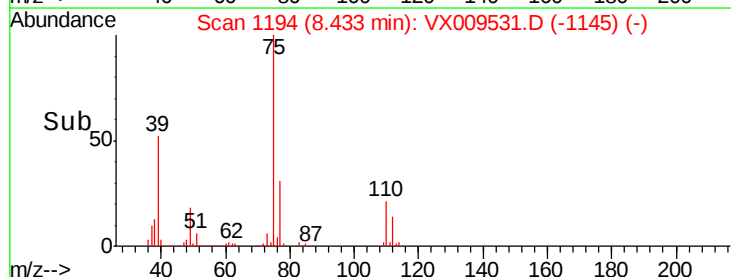
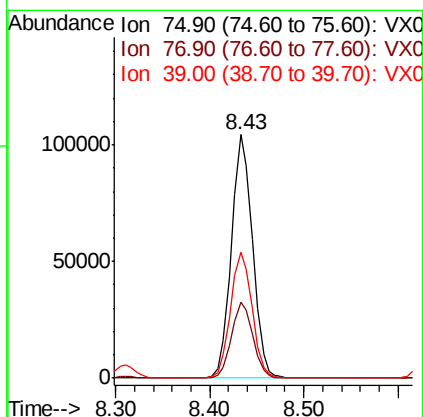
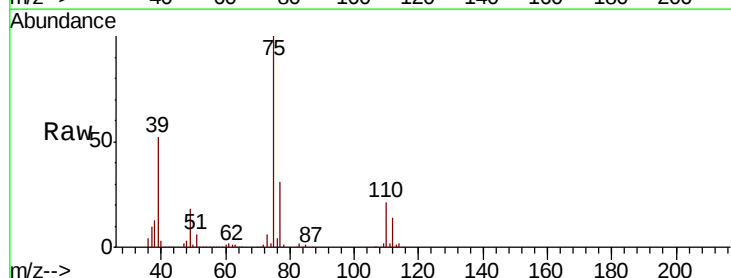
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

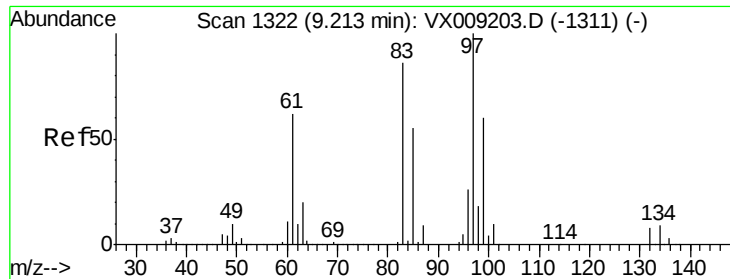
Tot Ion: 75 Resp: 145854
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 53.525 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009531.D
Acq: 11 May 2019 17:50

Tgt Ion: 75 Resp: 162834
Ion Ratio Lower Upper
75 100
77 31.0 24.6 36.8
39 51.8 40.6 60.8

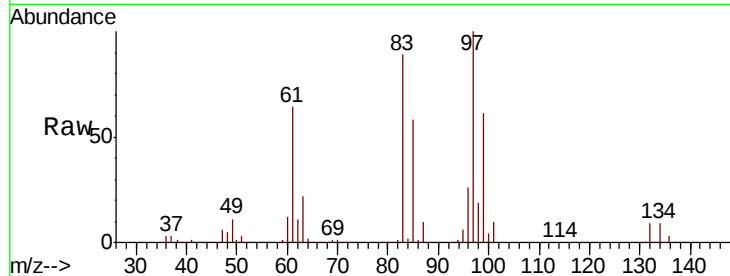




#55
 1,1,2-Trichloroethane
 Concen: 52.438 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009531.D
 Acq: 11 May 2019 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	96519
Ion	Ratio	Lower	Upper
97	100		
83	89.2	68.9	103.3
85	57.7	43.8	65.6
99	60.5	48.2	72.2



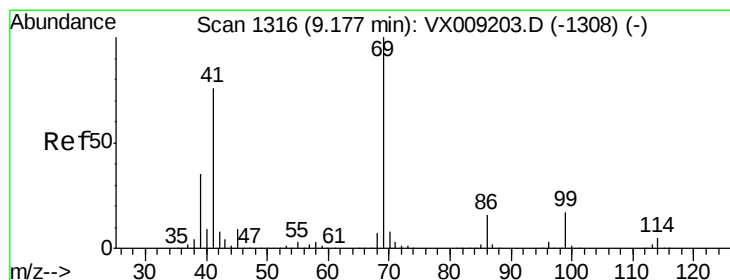
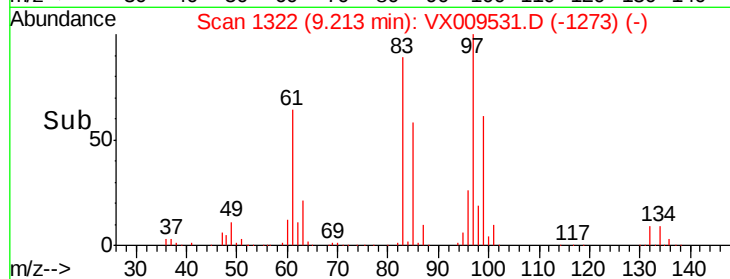
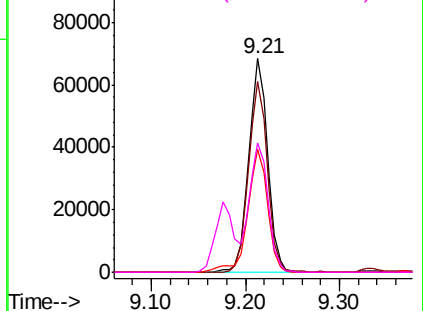
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

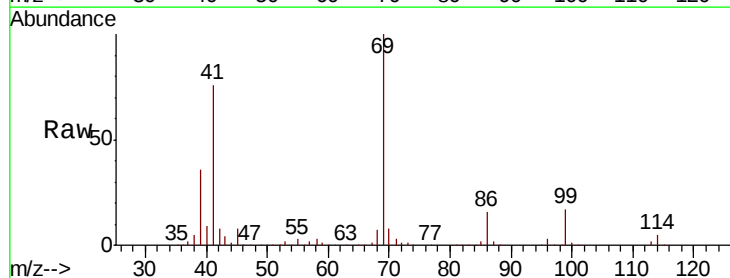
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 54.001 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009531.D
 Acq: 11 May 2019 17:50

Tgt Ion:	69	Resp:	177426
Ion	Ratio	Lower	Upper
69	100		
41	77.1	60.6	90.8
39	36.8	28.2	42.4

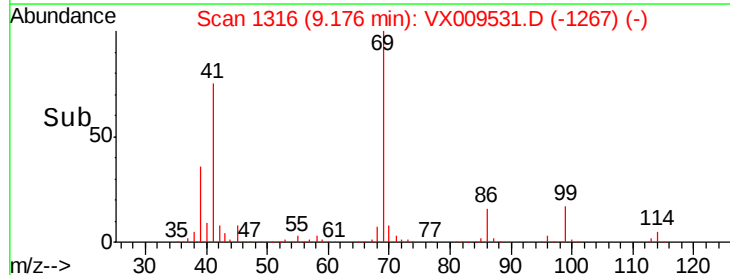
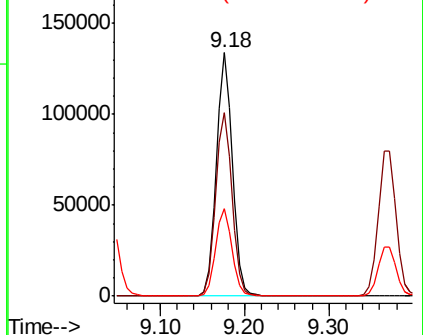


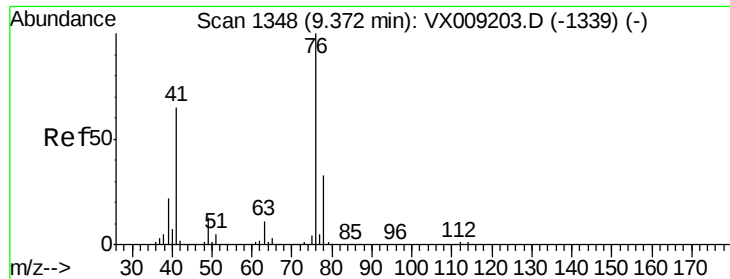
Abundance

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: 52.205 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

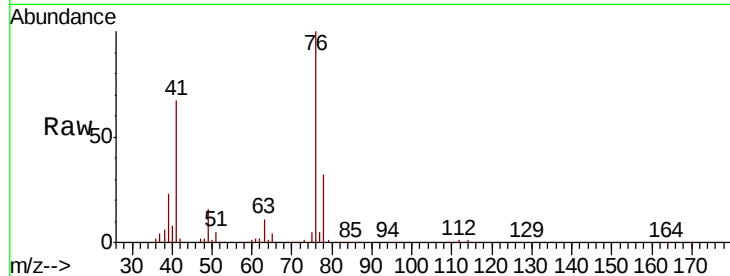
VSTDCCC050EC

Tot Ion: 76 Resp: 169094

Ion Ratio Lower Upper

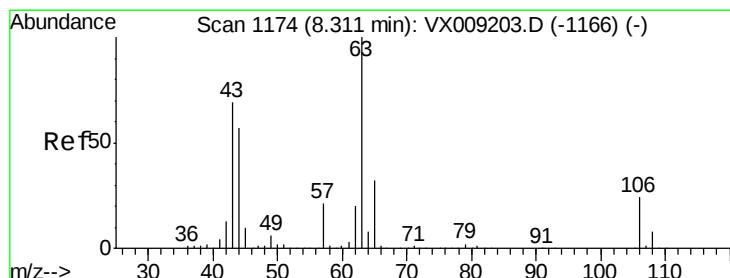
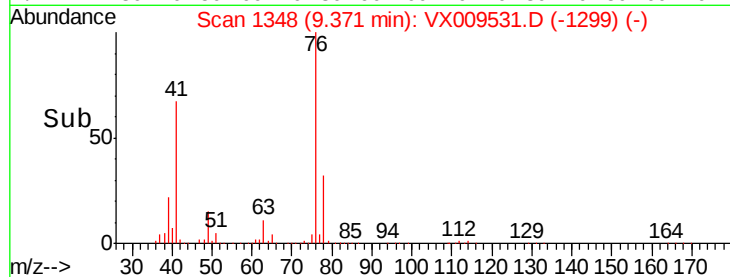
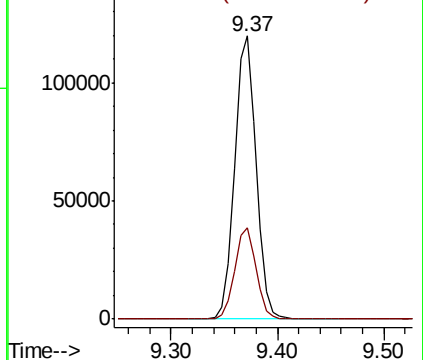
76 100

78 32.2 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 241.729 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009531.D

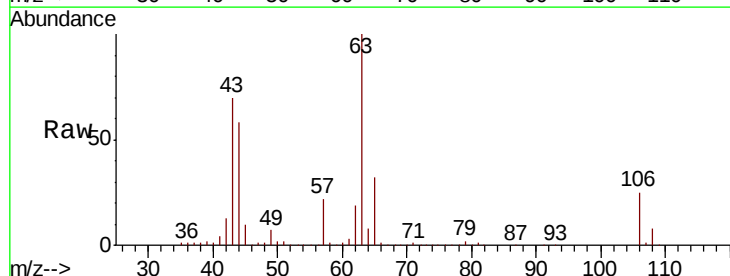
Acq: 11 May 2019 17:50

Tgt Ion: 63 Resp: 421339

Ion Ratio Lower Upper

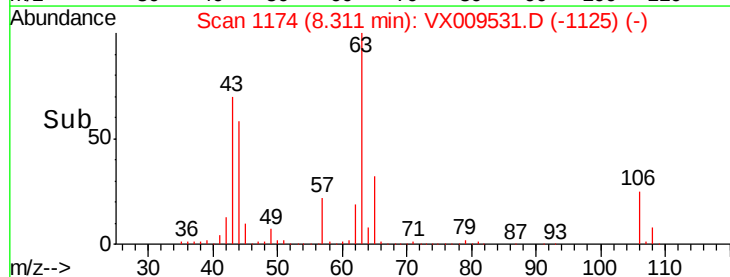
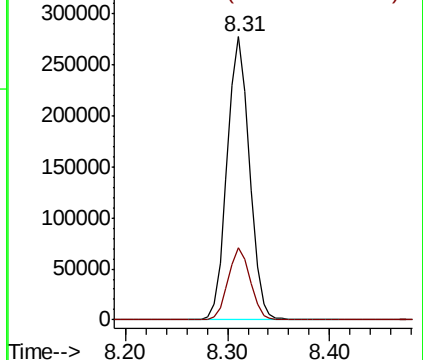
63 100

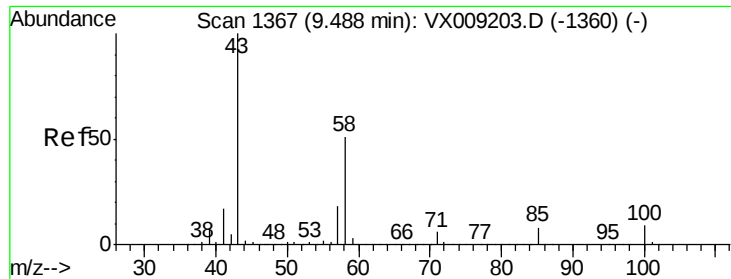
106 25.0 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

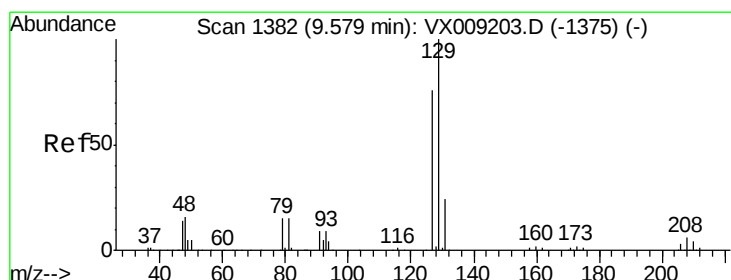
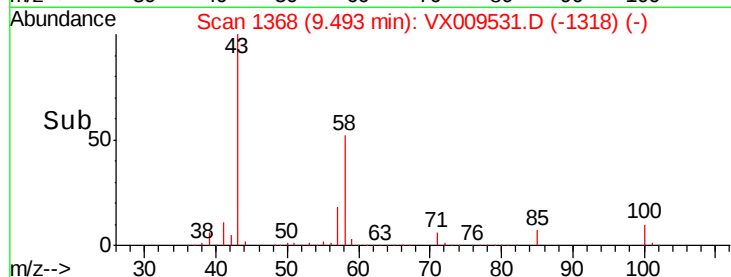
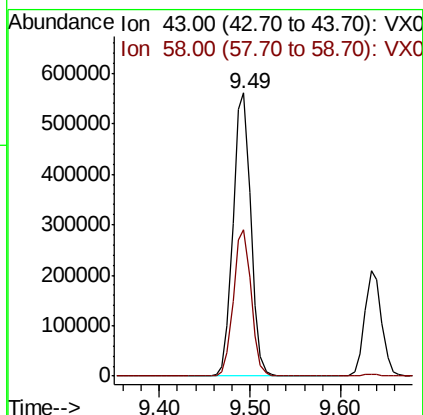
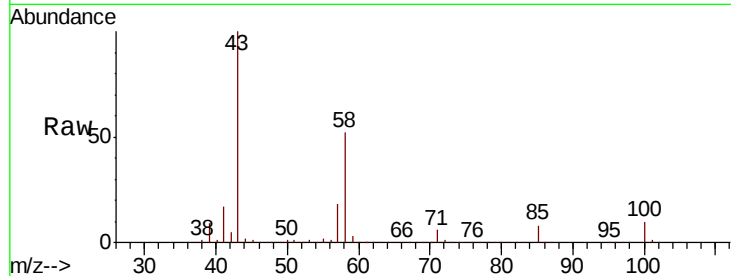




#59
2-Hexanone
Concen: 276.808 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VX009531.D
Acq: 11 May 2019 17:50

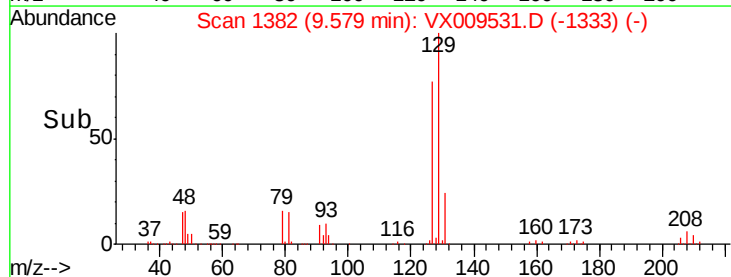
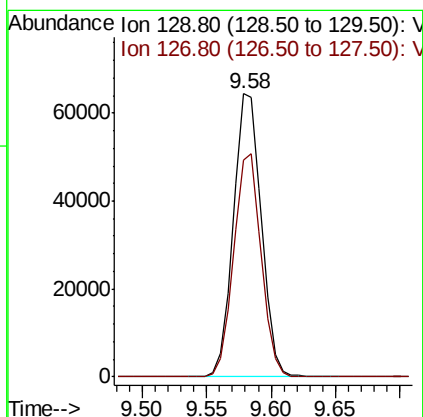
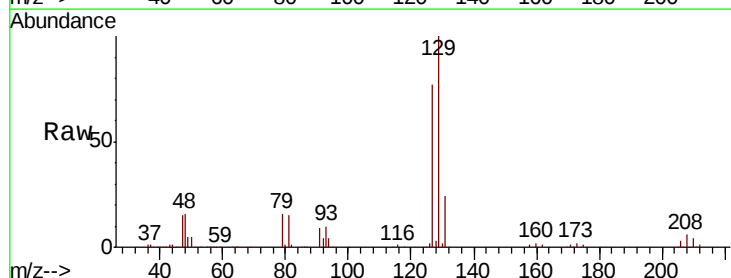
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

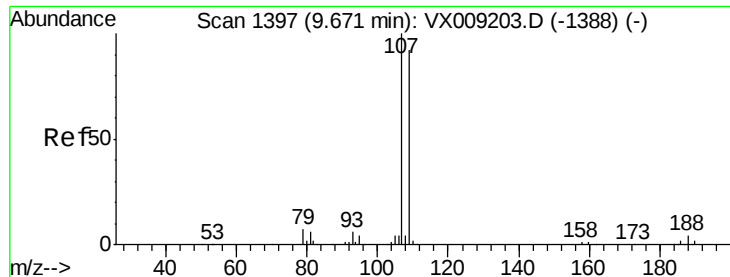
Tot Ion: 43 Resp: 759485
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.7



#60
Dibromochloromethane
Concen: 54.188 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009531.D
Acq: 11 May 2019 17:50

Tgt Ion: 129 Resp: 97414
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.1





#61

1,2-Dibromoethane

Concen: 53.113 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

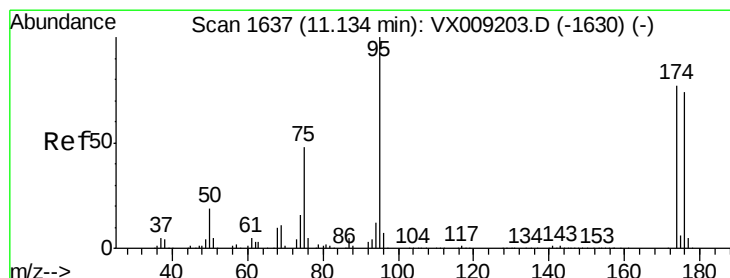
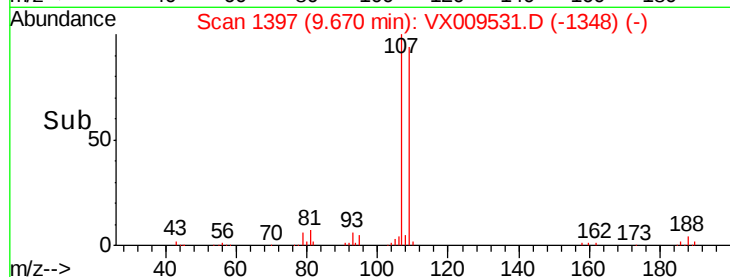
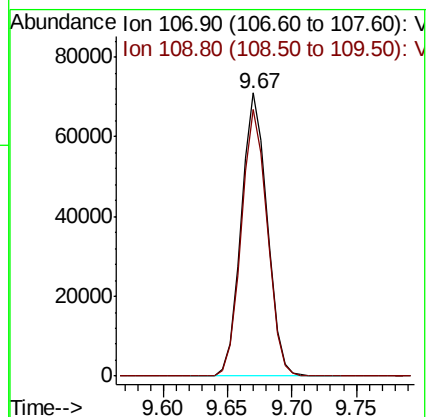
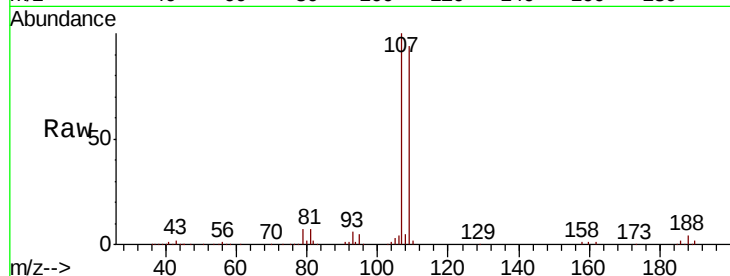
VSTDCCC050EC

Tot Ion:107 Resp: 98684

Ion Ratio Lower Upper

107 100

109 94.5 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 52.627 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

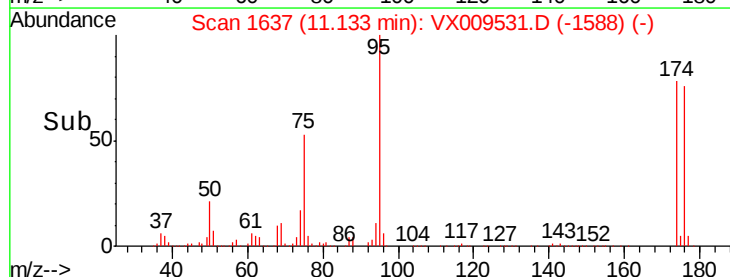
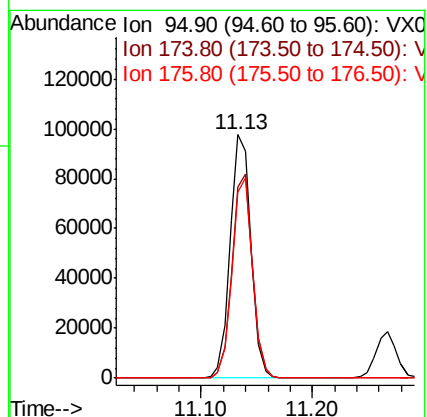
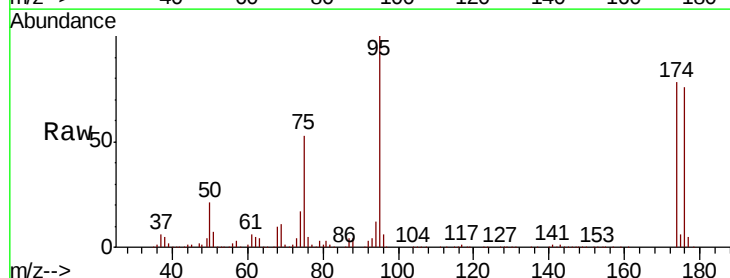
Tgt Ion: 95 Resp: 125245

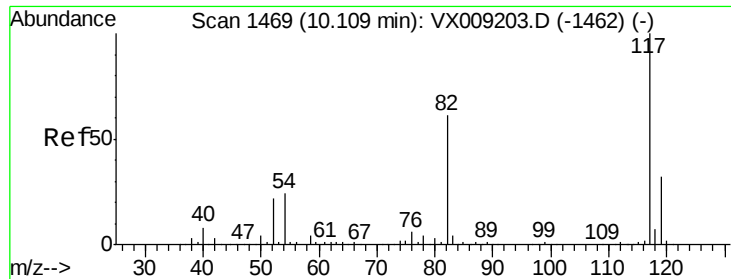
Ion Ratio Lower Upper

95 100

174 82.4 0.0 161.6

176 80.9 0.0 159.2

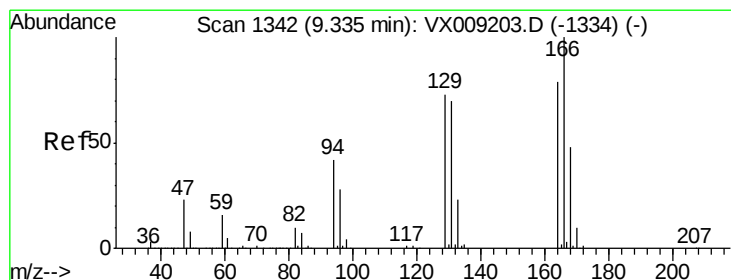
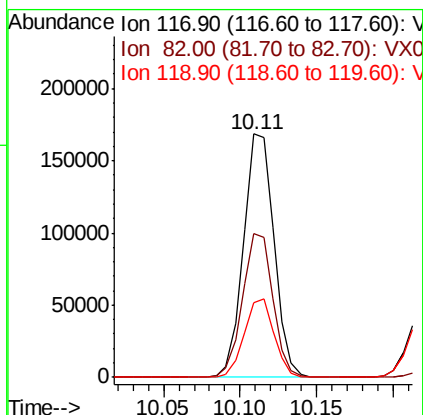
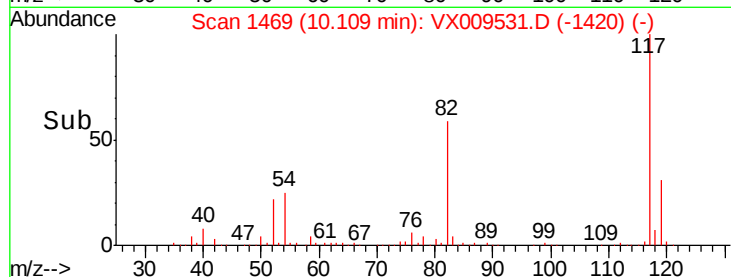
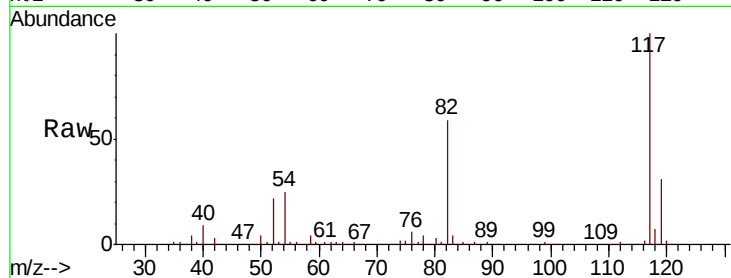




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009531.D
Acq: 11 May 2019 17:50

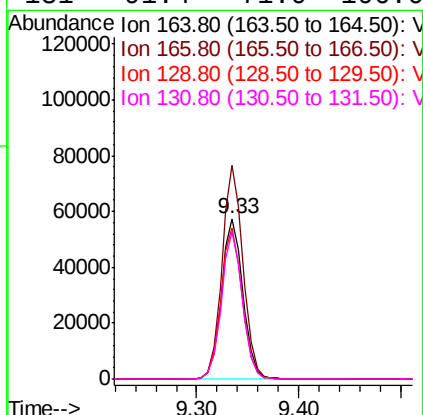
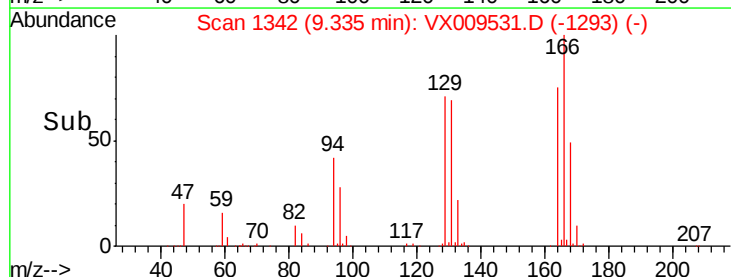
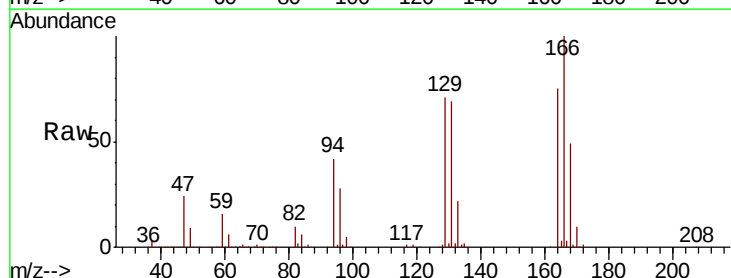
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

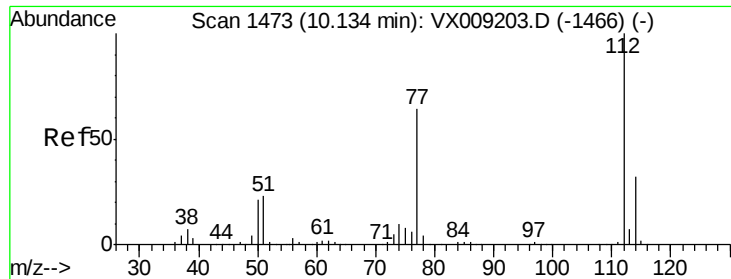
Tot Ion:117 Resp: 233659
Ion Ratio Lower Upper
117 100
82 58.9 48.8 73.2
119 30.9 25.8 38.6



#64
Tetrachloroethene
Concen: 52.113 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009531.D
Acq: 11 May 2019 17:50

Tgt Ion:164 Resp: 83526
Ion Ratio Lower Upper
164 100
166 133.0 101.2 151.8
129 94.0 74.3 111.5
131 91.4 71.0 106.6

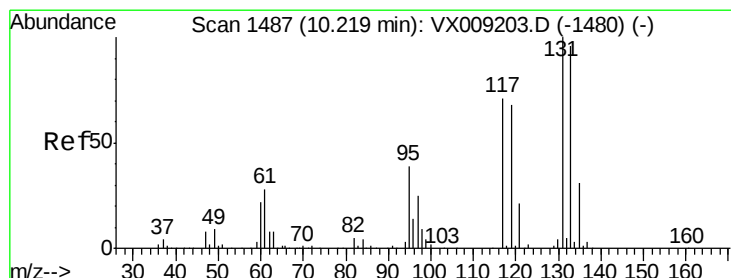
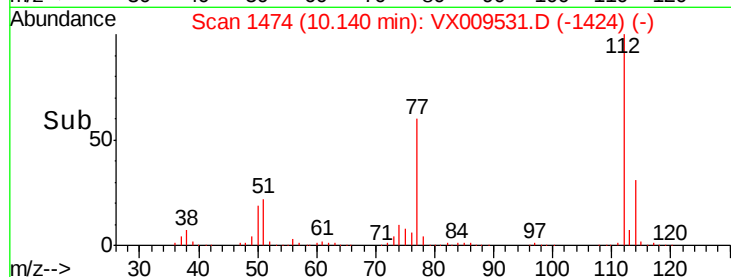
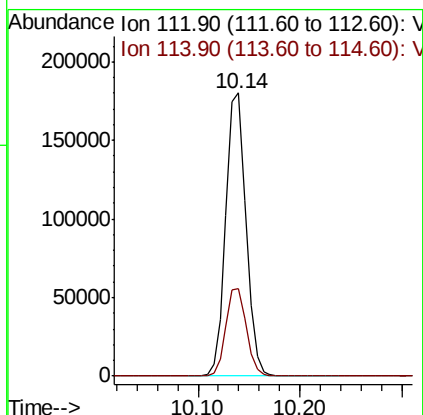
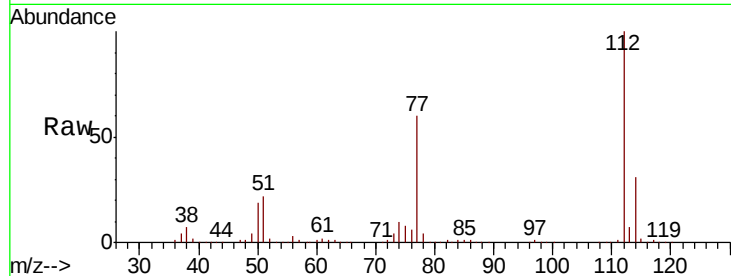




#65
Chlorobenzene
Concen: 52.967 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009531.D
Acq: 11 May 2019 17:50

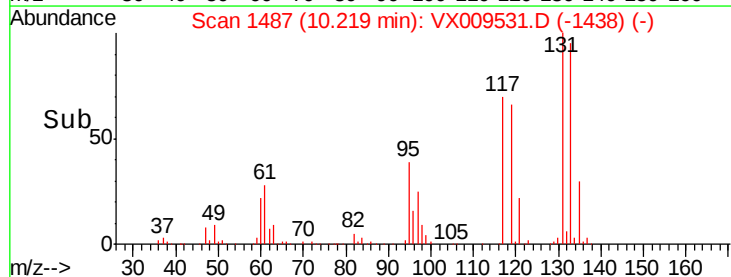
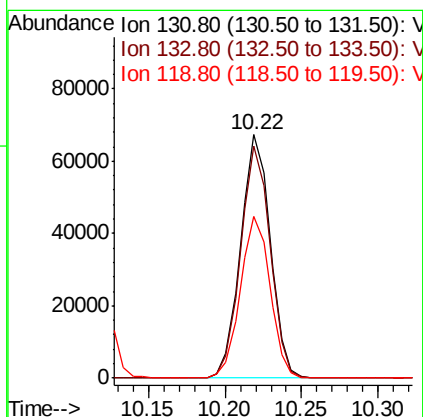
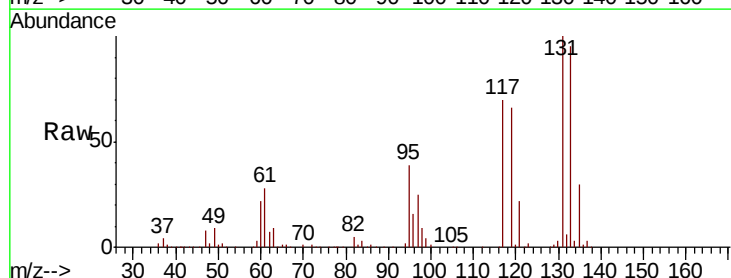
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

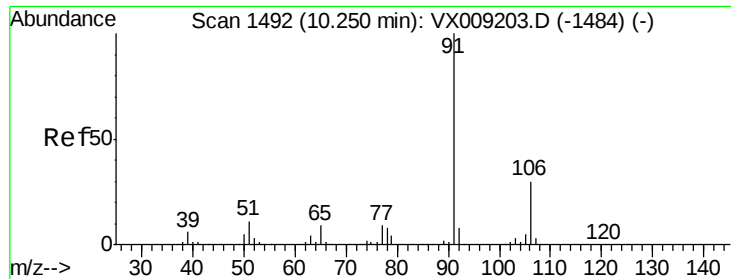
Tot Ion:112 Resp: 247582
Ion Ratio Lower Upper
112 100
114 30.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 53.591 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009531.D
Acq: 11 May 2019 17:50

Tgt Ion:131 Resp: 90815
Ion Ratio Lower Upper
131 100
133 94.6 47.7 143.1
119 66.6 33.5 100.4





#67

Ethyl Benzene

Concen: 53.396 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

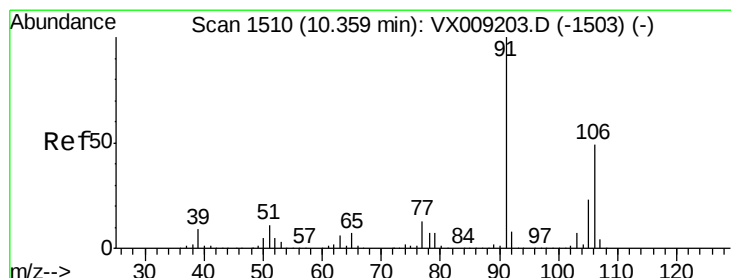
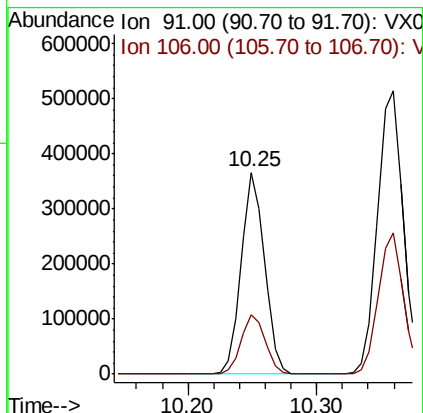
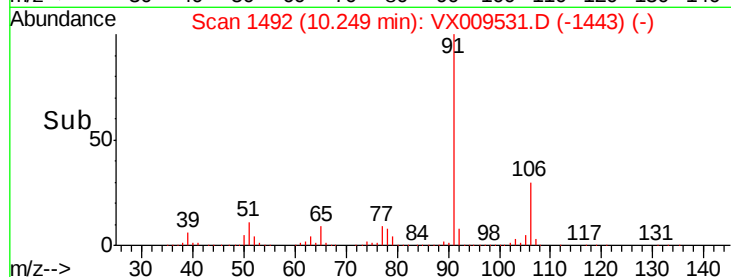
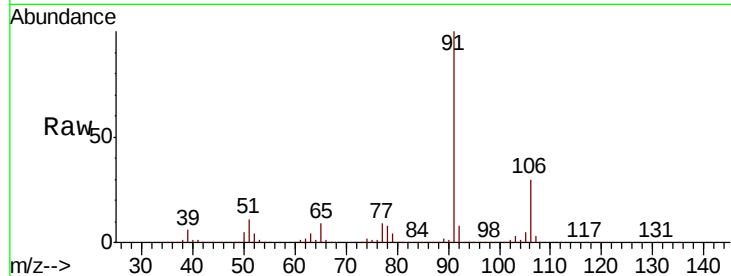
VSTDCCC050EC

Tot Ion: 91 Resp: 459330

Ion Ratio Lower Upper

91 100

106 29.5 24.0 36.0



#68

m/p-Xylenes

Concen: 108.912 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009531.D

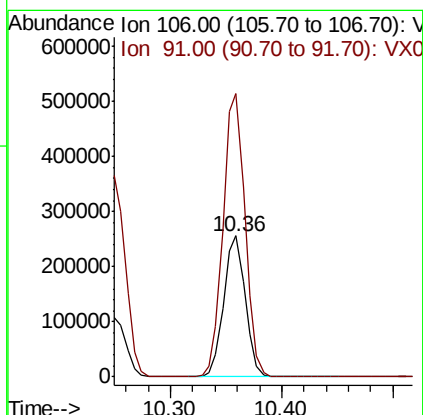
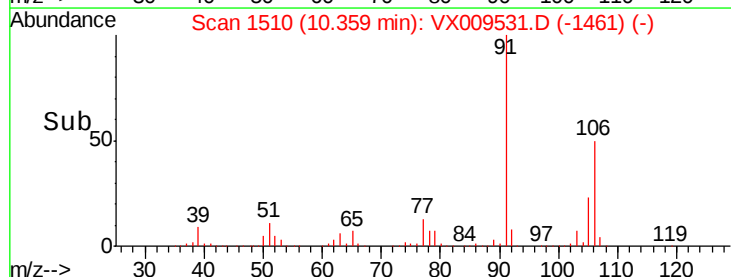
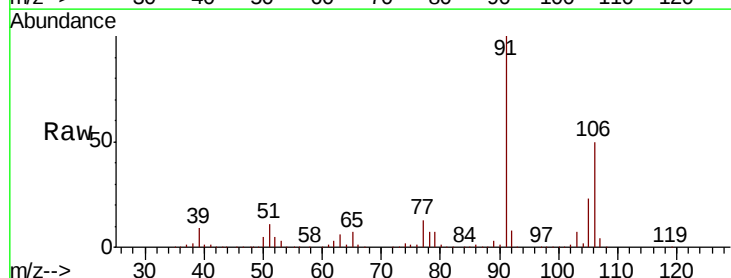
Acq: 11 May 2019 17:50

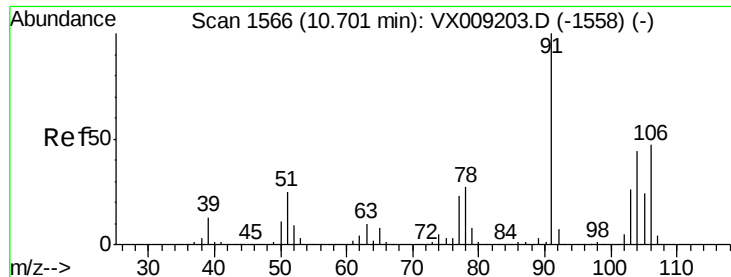
Tgt Ion: 106 Resp: 342372

Ion Ratio Lower Upper

106 100

91 205.1 164.0 246.0

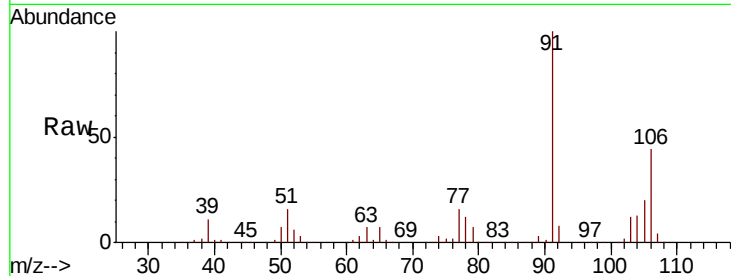




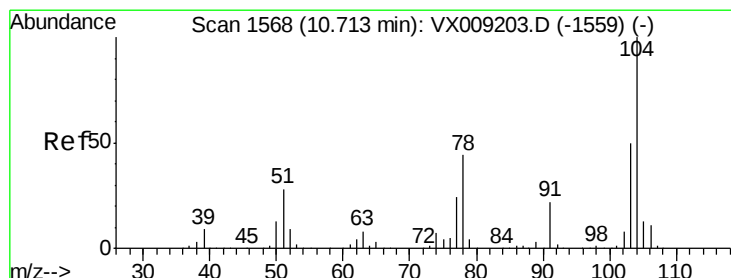
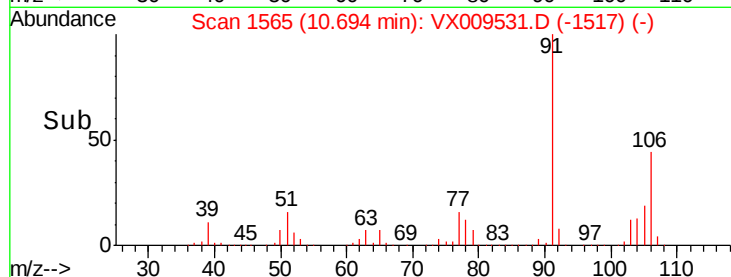
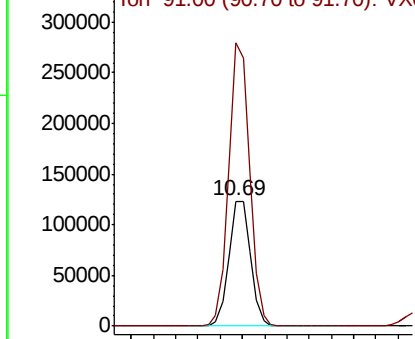
#69
o-Xylene
Concen: 53.529 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009531.D
Acq: 11 May 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 166027
Ion Ratio Lower Upper
106 100
91 220.0 109.5 328.4

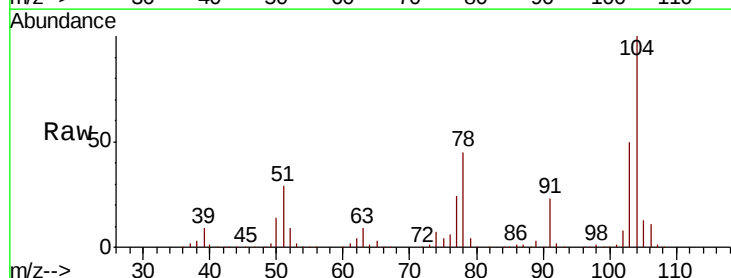


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

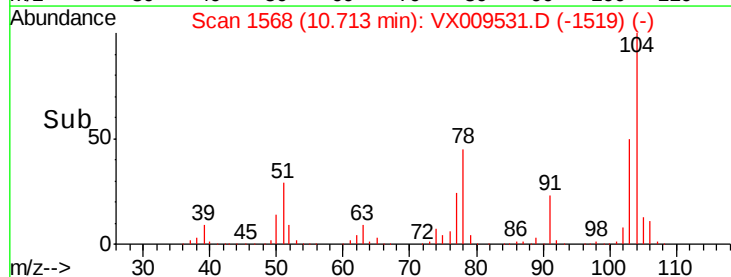
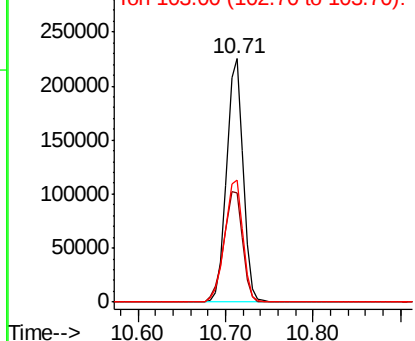


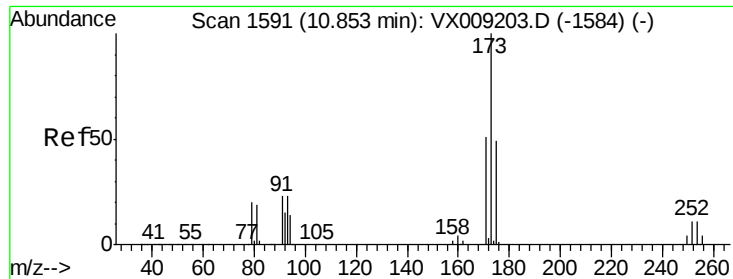
#70
Styrene
Concen: 54.458 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009531.D
Acq: 11 May 2019 17:50

Tgt Ion:104 Resp: 293571
Ion Ratio Lower Upper
104 100
78 51.1 41.0 61.4
103 54.9 43.8 65.6



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: 54.354 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

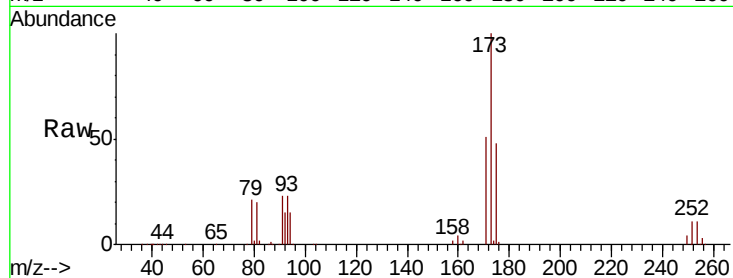
Tot Ion:173 Resp: 74852

Ion Ratio Lower Upper

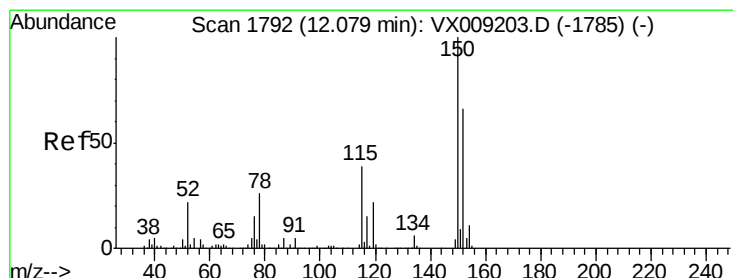
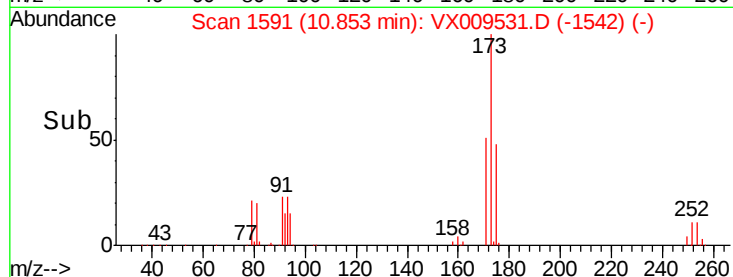
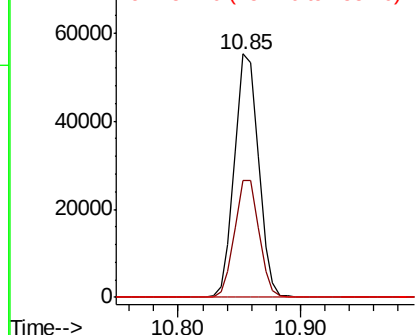
173 100

175 48.9 24.5 73.5

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

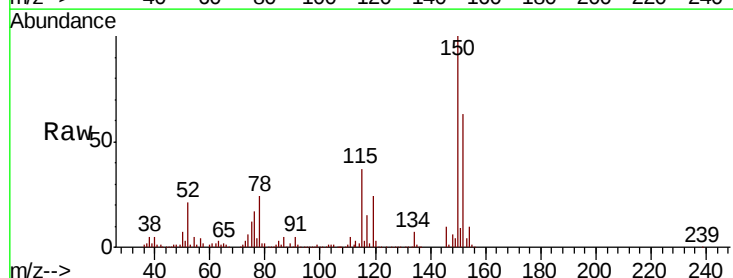
Tgt Ion:152 Resp: 119026

Ion Ratio Lower Upper

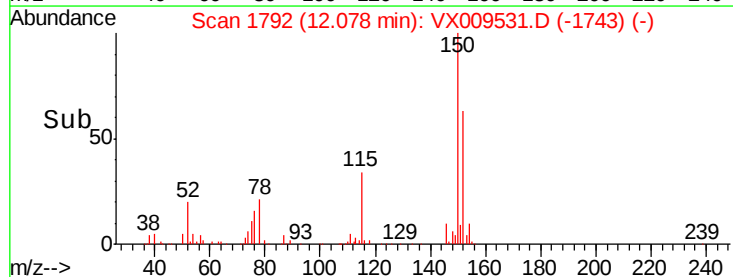
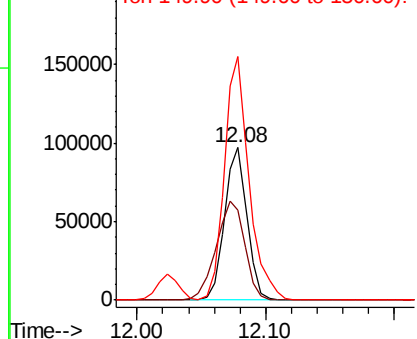
152 100

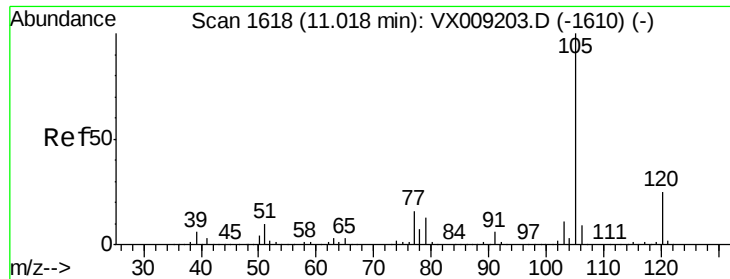
115 82.4 41.2 123.6

150 174.9 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

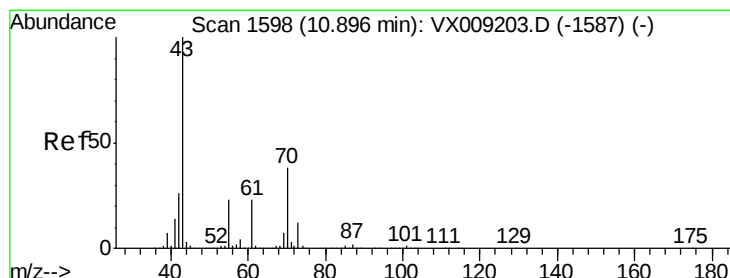
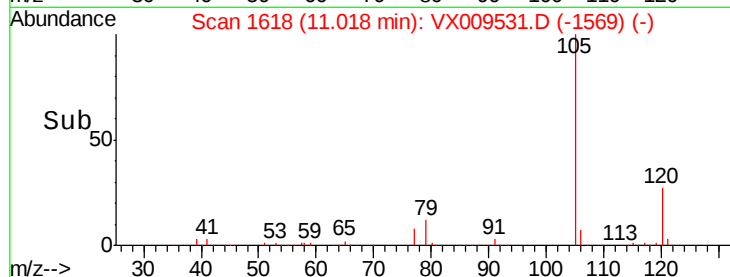
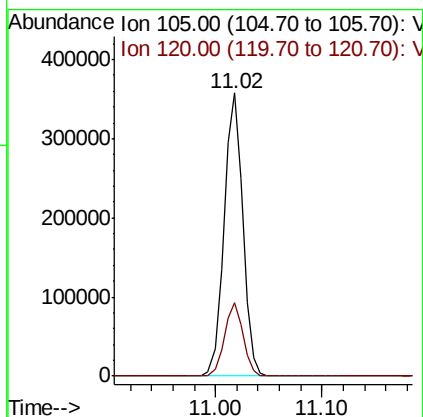
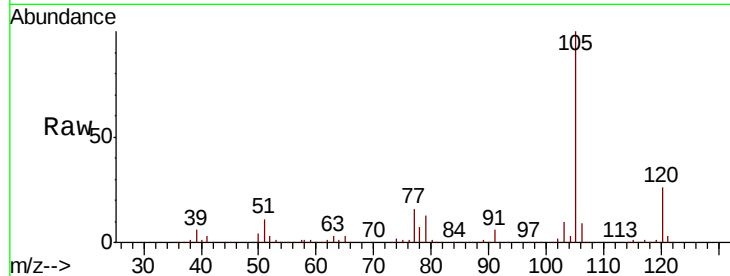




#73
Isopropylbenzene
Concen: 50.702 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009531.D
Acq: 11 May 2019 17:50

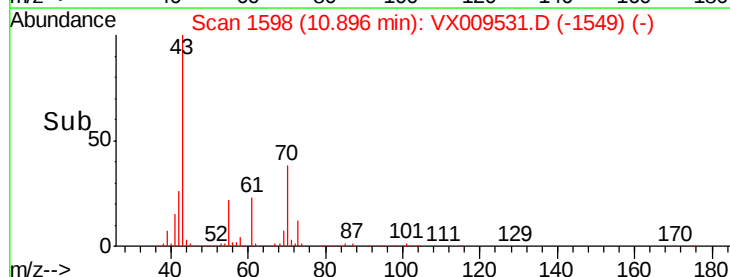
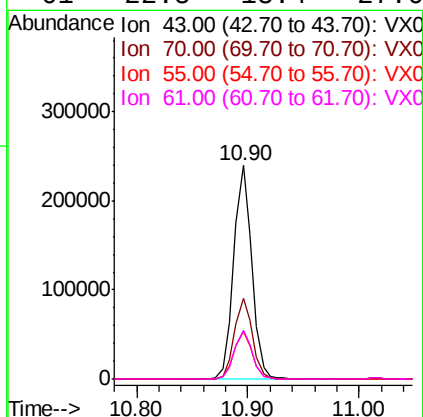
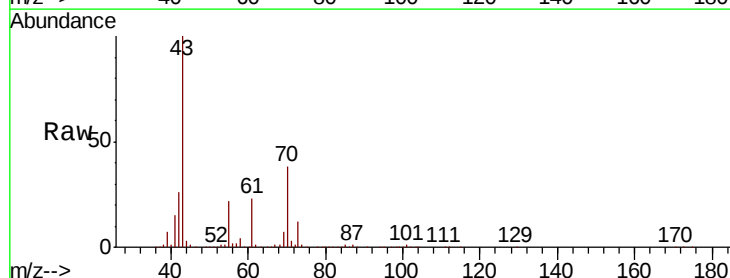
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

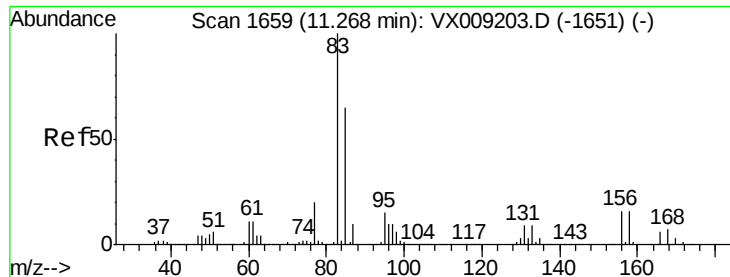
Tot Ion:105 Resp: 438849
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.3



#74
N-ethyl acetate
Concen: 53.268 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX009531.D
Acq: 11 May 2019 17:50

Tgt Ion: 43 Resp: 268801
Ion Ratio Lower Upper
43 100
70 37.7 30.0 45.0
55 22.5 17.9 26.9
61 22.5 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.141 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

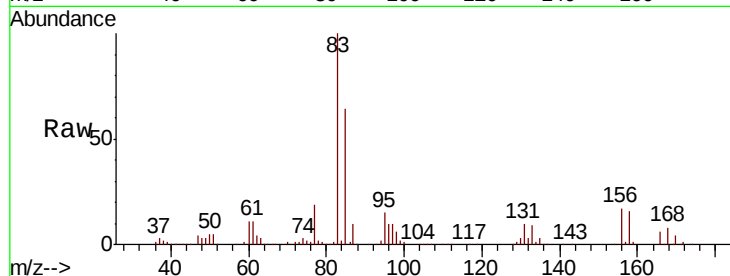
Tot Ion: 83 Resp: 165011

Ion Ratio Lower Upper

83 100

131 9.7 4.6 13.8

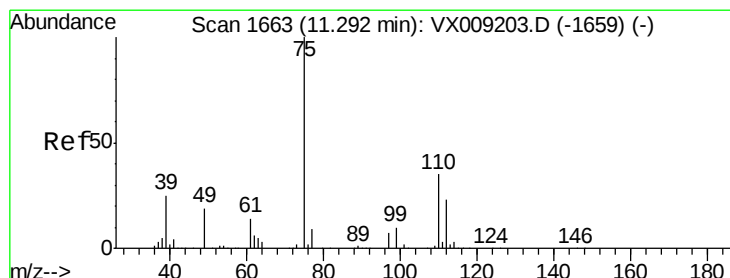
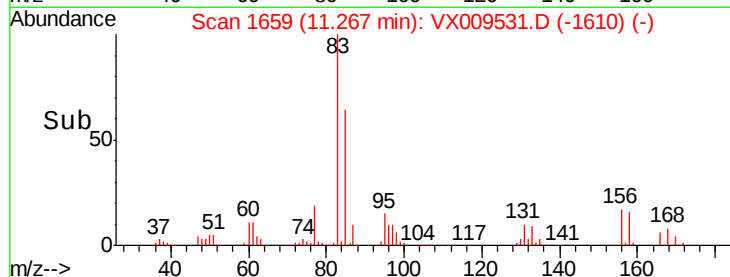
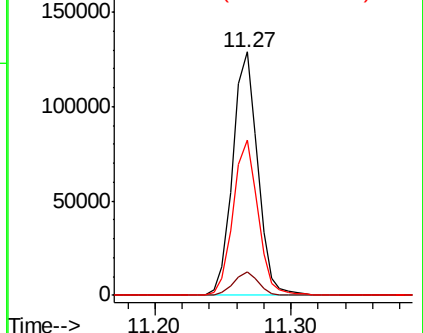
85 63.8 32.0 96.2



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: 71.348 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009531.D

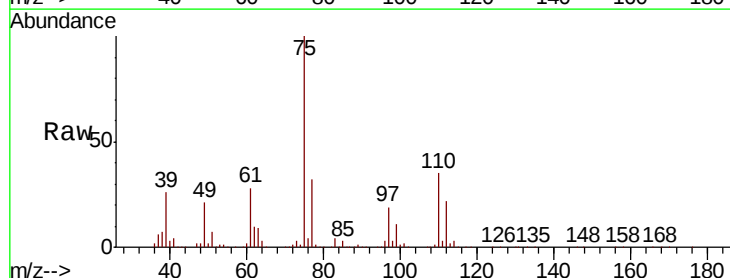
Acq: 11 May 2019 17:50

Tgt Ion: 75 Resp: 196989

Ion Ratio Lower Upper

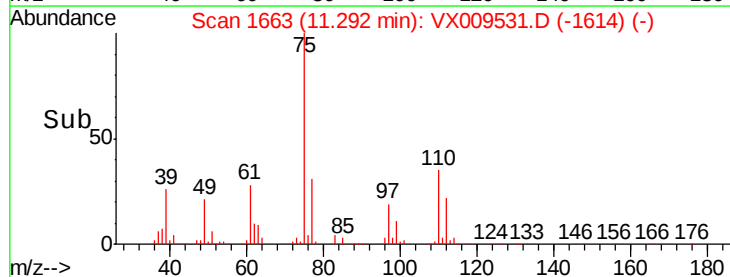
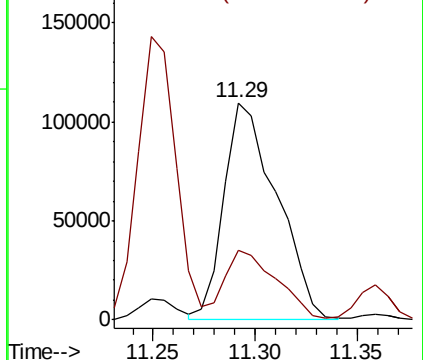
75 100

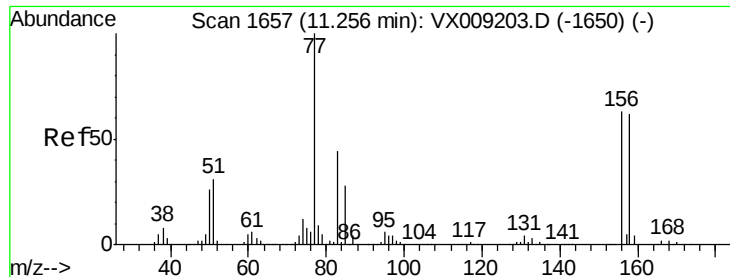
77 31.7 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.505 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

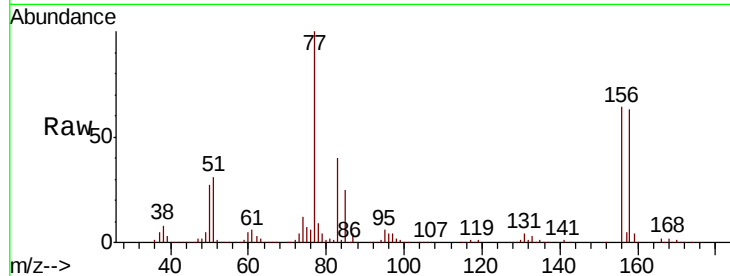
Tot Ion:156 Resp: 110650

Ion Ratio Lower Upper

156 100

77 168.1 84.8 254.3

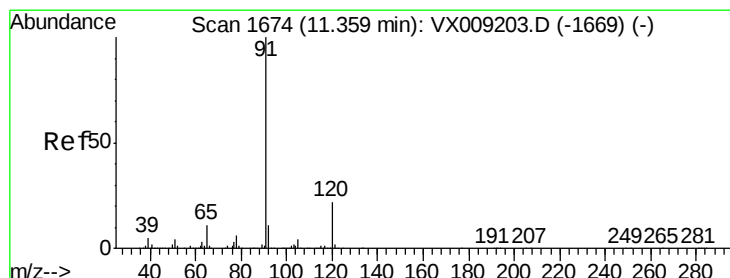
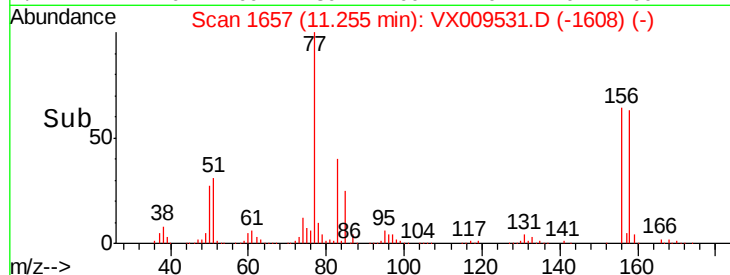
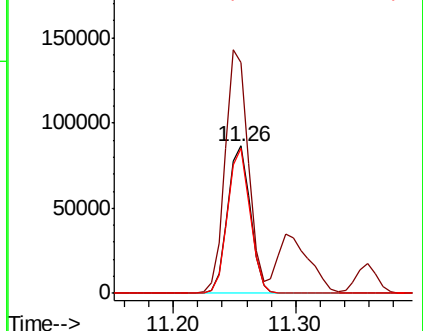
158 96.8 49.1 147.3



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: 51.662 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009531.D

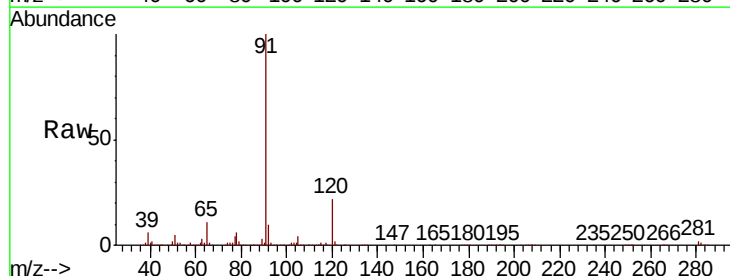
Acq: 11 May 2019 17:50

Tgt Ion: 91 Resp: 510677

Ion Ratio Lower Upper

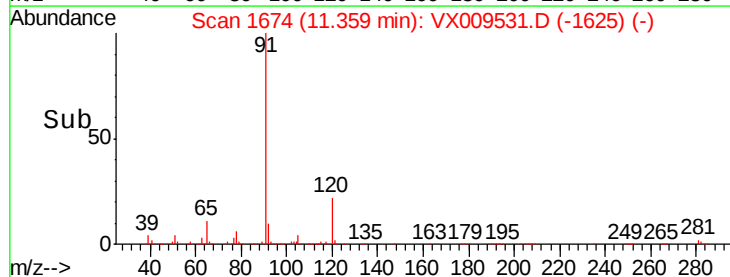
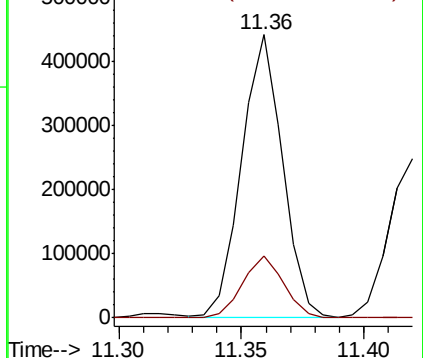
91 100

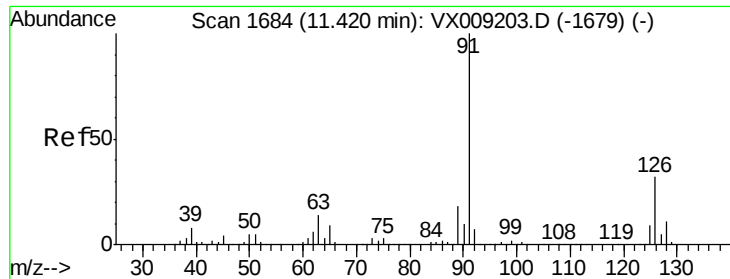
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

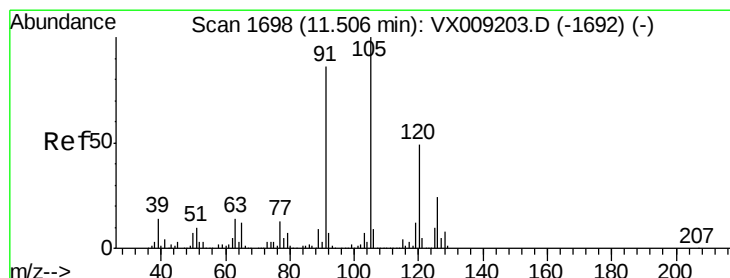
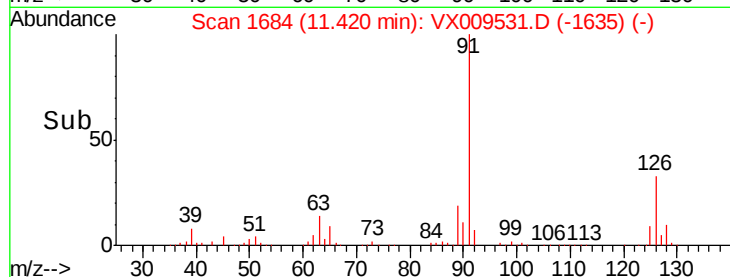
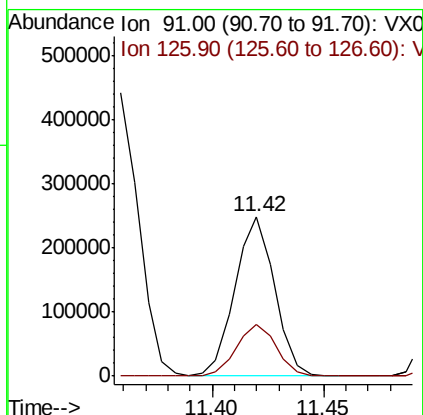
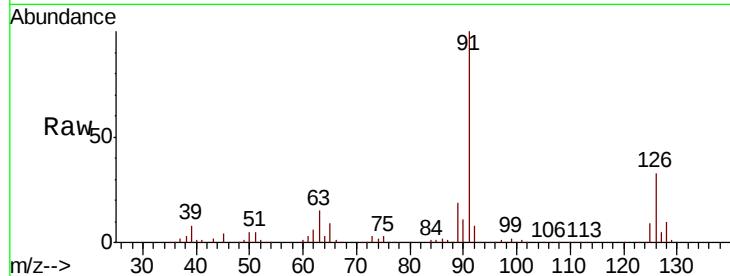




#79
 2-Chlorotoluene
 Concen: 50.176 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009531.D
 Acq: 11 May 2019 17:50

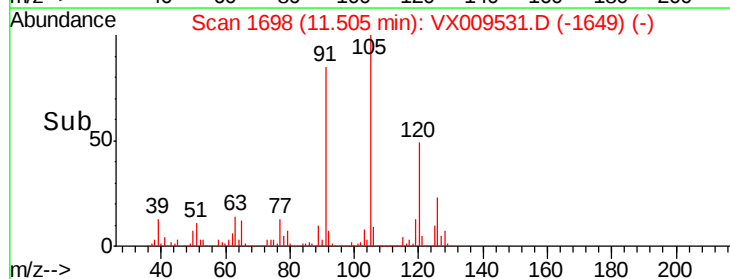
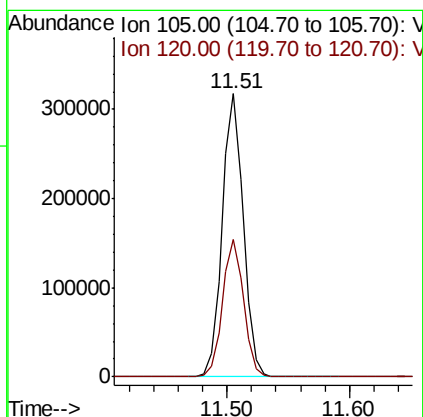
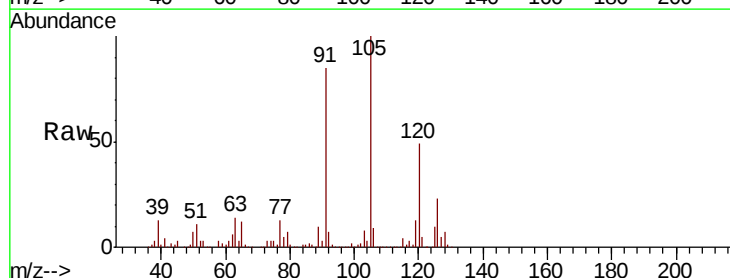
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

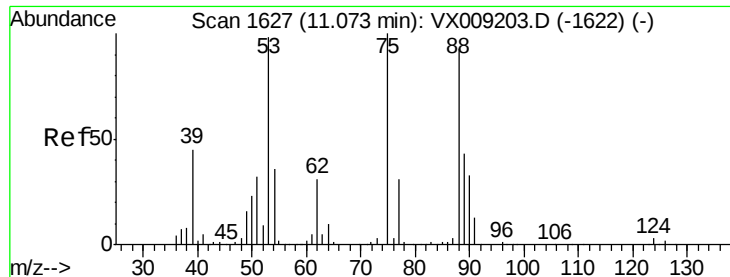
Tot Ion: 91 Resp: 305999
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 51.838 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009531.D
 Acq: 11 May 2019 17:50

Tgt Ion: 105 Resp: 377789
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 50.972 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

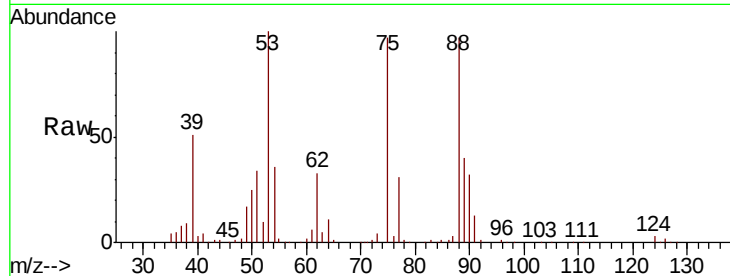
Tot Ion: 75 Resp: 55003

Ion Ratio Lower Upper

75 100

53 102.8 79.0 118.6

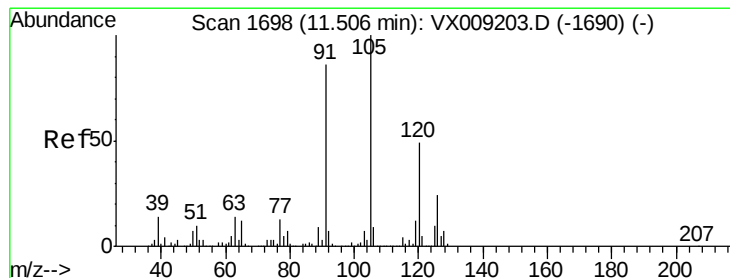
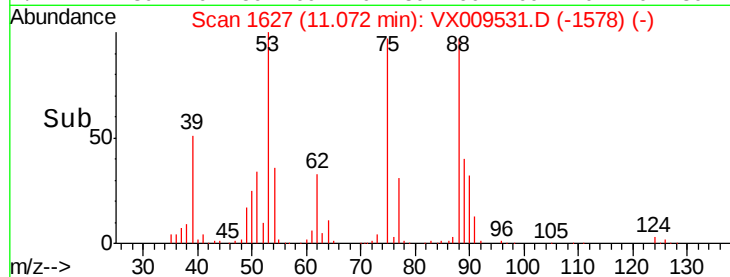
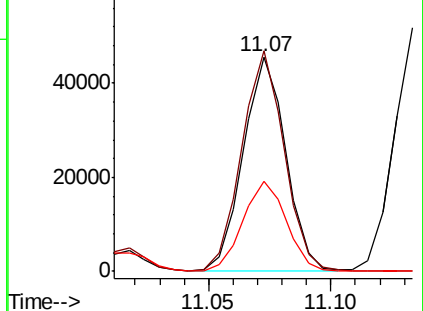
89 43.2 34.7 52.1



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: 51.284 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009531.D

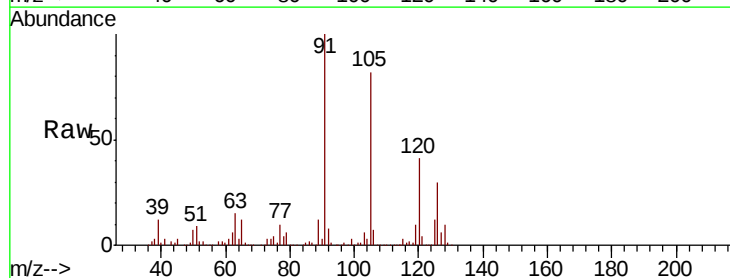
Acq: 11 May 2019 17:50

Tgt Ion: 91 Resp: 353327

Ion Ratio Lower Upper

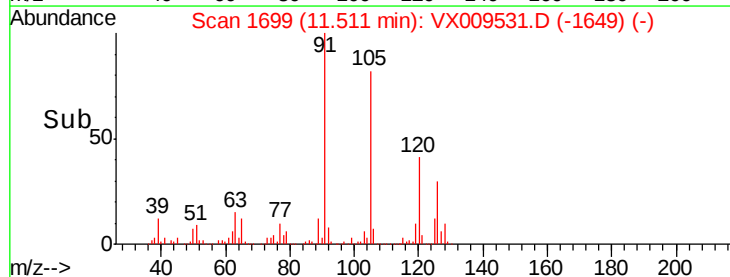
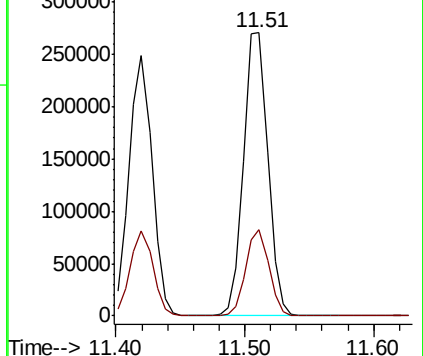
91 100

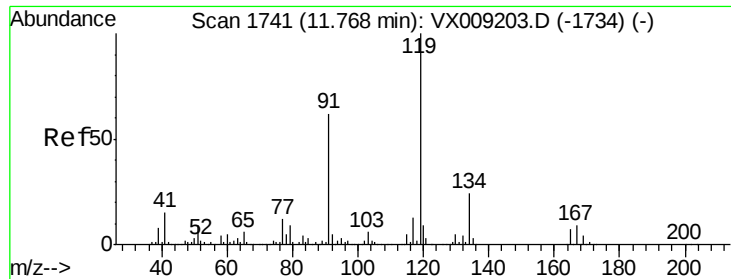
126 29.0 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

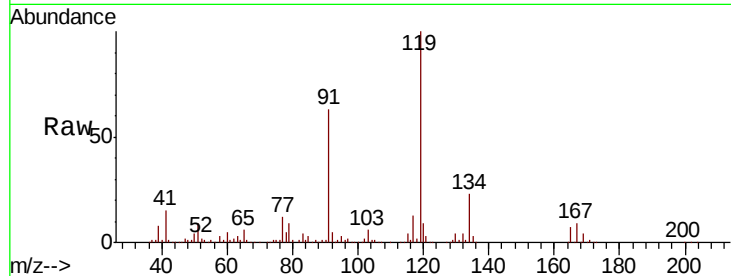




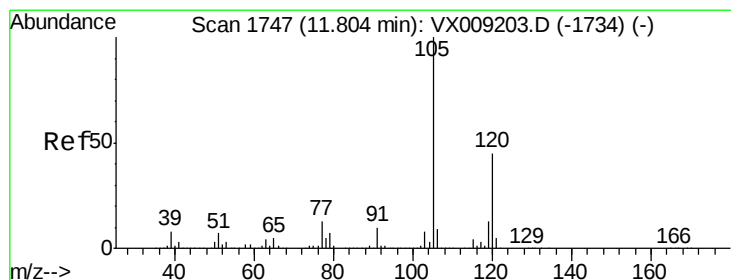
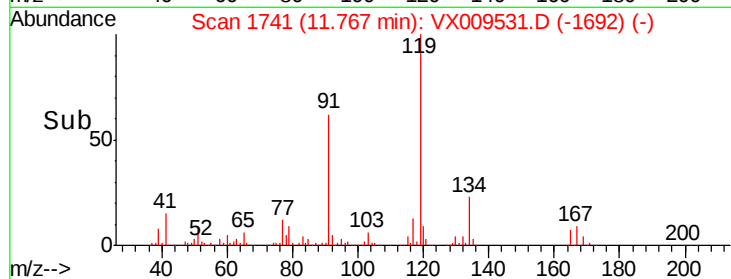
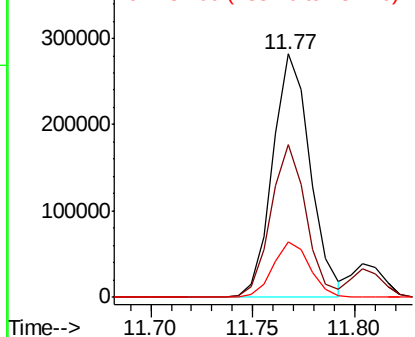
#83
tert-Butylbenzene
Concen: 51.153 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009531.D
Acq: 11 May 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 362658
Ion Ratio Lower Upper
119 100
91 59.3 29.5 88.5
134 22.4 11.4 34.1

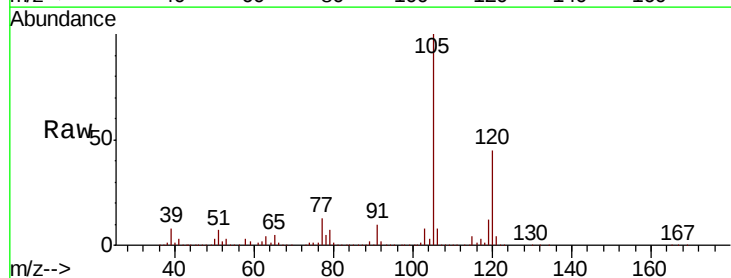


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V

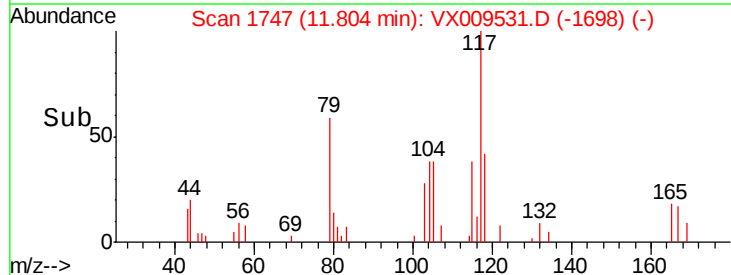
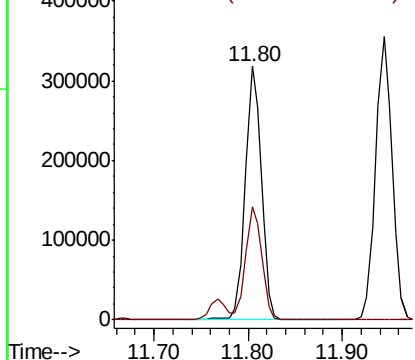


#84
1,2,4-Trimethylbenzene
Concen: 51.986 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009531.D
Acq: 11 May 2019 17:50

Tgt Ion:105 Resp: 380287
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0



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





#85

sec-Butylbenzene

Concen: 51.554 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

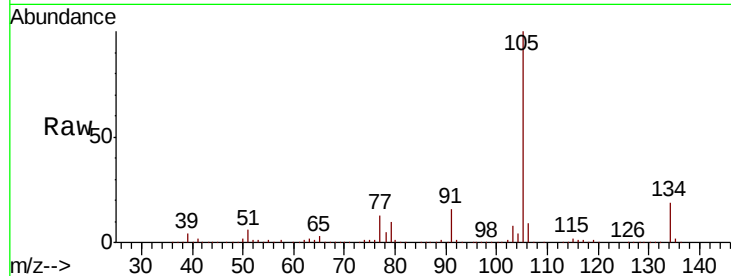
VSTDCCC050EC

Tot Ion:105 Resp: 433329

Ion Ratio Lower Upper

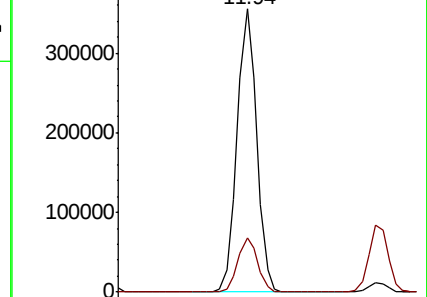
105 100

134 19.4 9.7 28.9

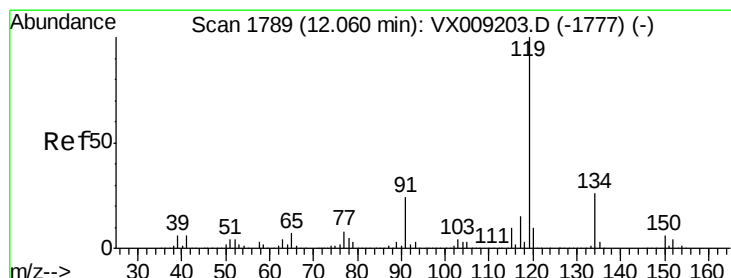
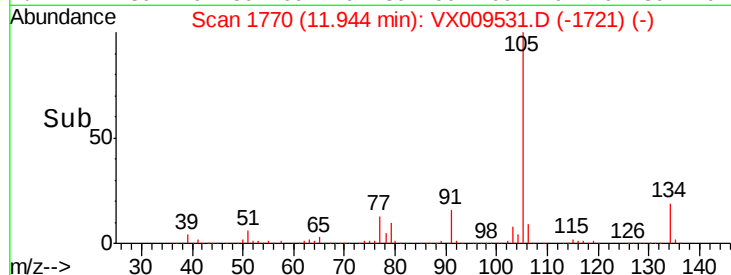


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 52.110 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

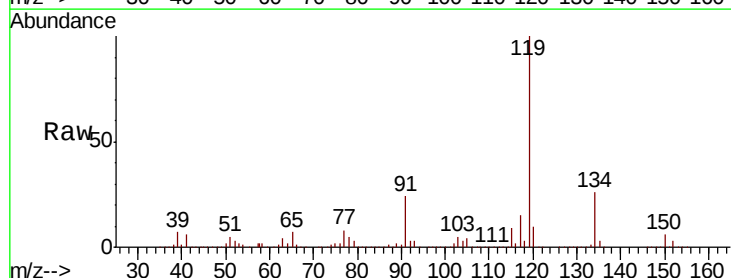
Tgt Ion:119 Resp: 393762

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

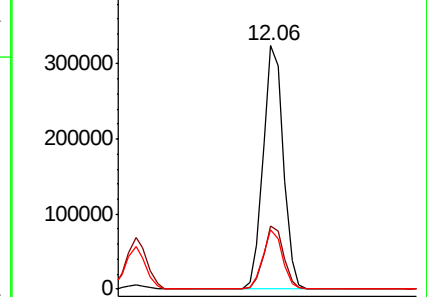
91 23.8 11.8 35.4



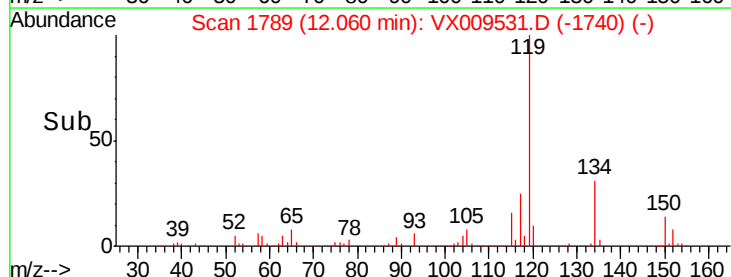
Abundance Ion 119.00 (118.70 to 119.70): V

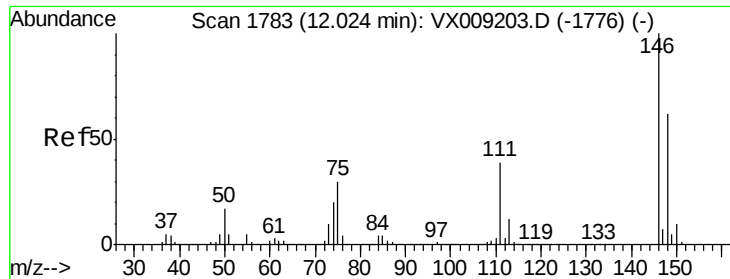
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->

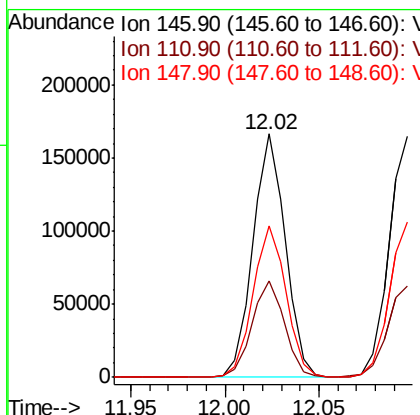
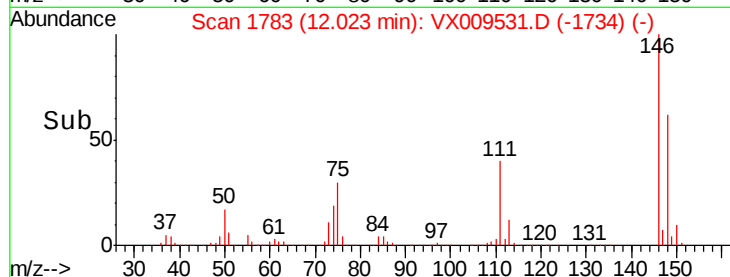
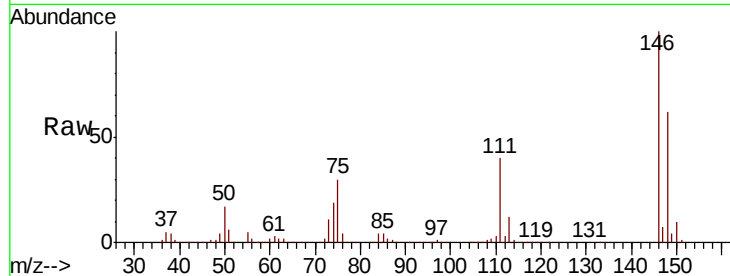




#87
 1,3-Dichlorobenzene
 Concen: 51.832 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009531.D
 Acq: 11 May 2019 17:50

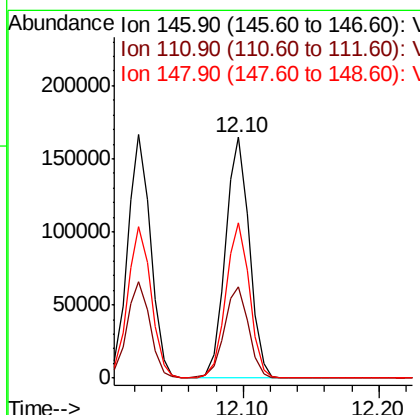
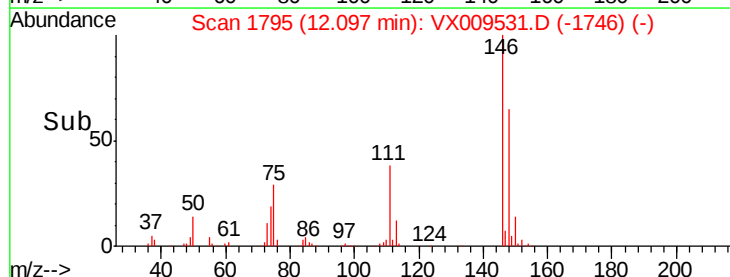
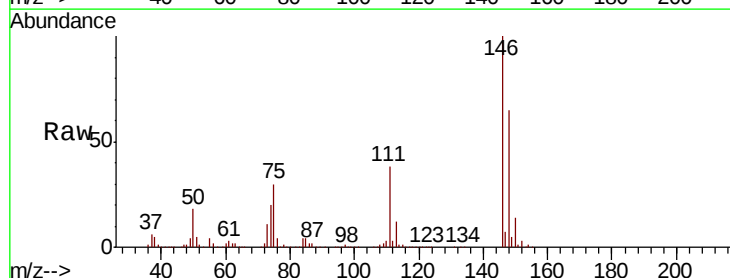
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

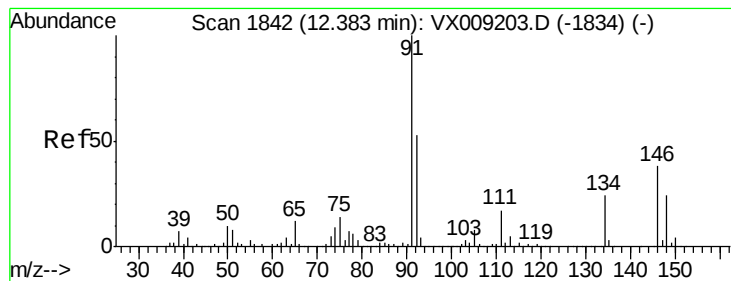
Tot Ion:146 Resp: 198504
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 59.9
 148 63.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 51.612 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009531.D
 Acq: 11 May 2019 17:50

Tgt Ion:146 Resp: 199278
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.6 58.8
 148 64.0 31.8 95.3





#89

n-Butylbenzene

Concen: 52.511 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009531.D

Acq: 11 May 2019 17:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

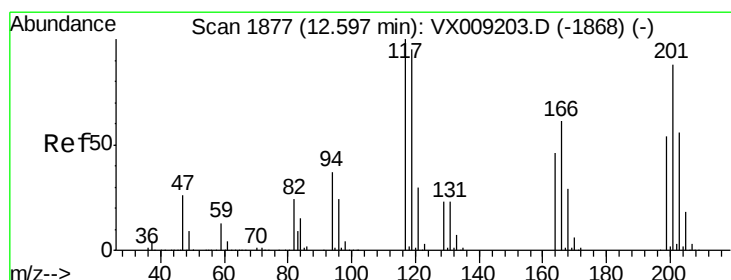
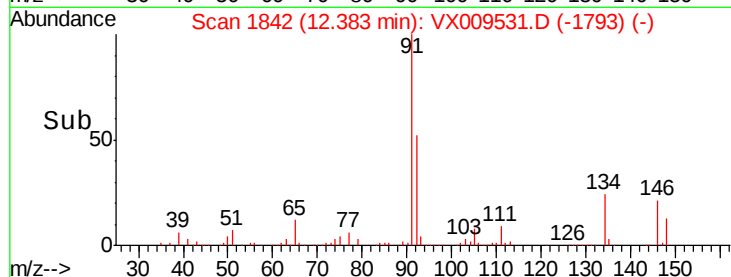
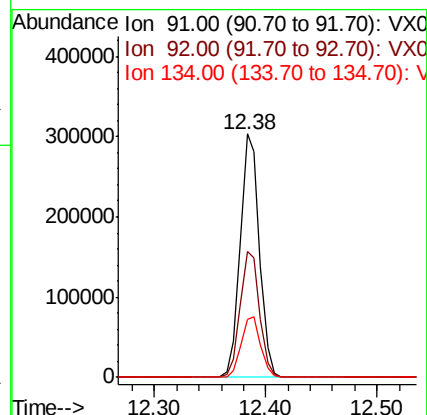
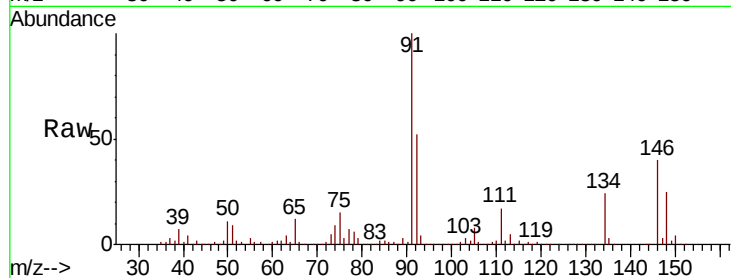
Tot Ion: 91 Resp: 358635

Ion Ratio Lower Upper

91 100

92 52.5 26.5 79.5

134 25.1 12.4 37.2



#90

Hexachloroethane

Concen: 51.700 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009531.D

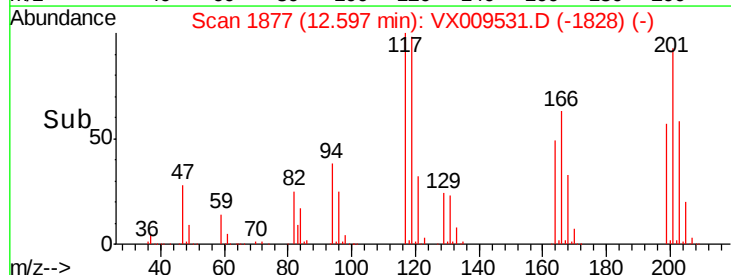
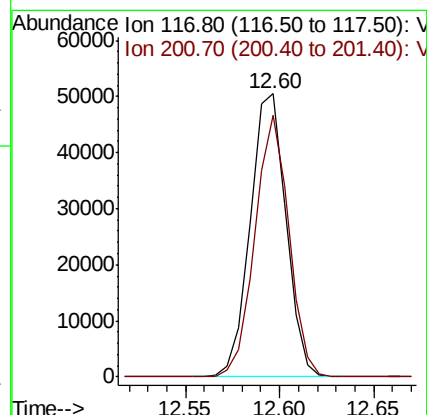
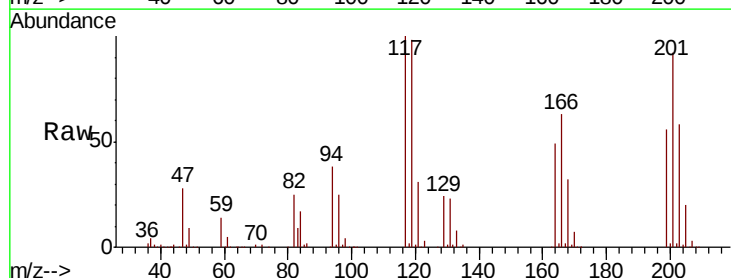
Acq: 11 May 2019 17:50

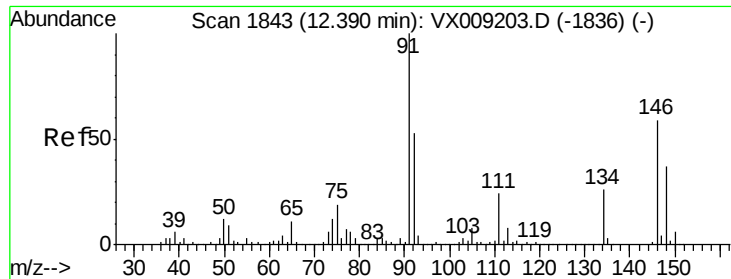
Tgt Ion: 117 Resp: 66556

Ion Ratio Lower Upper

117 100

201 87.5 42.3 126.9

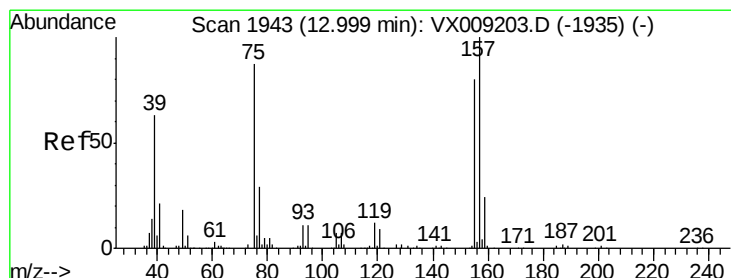
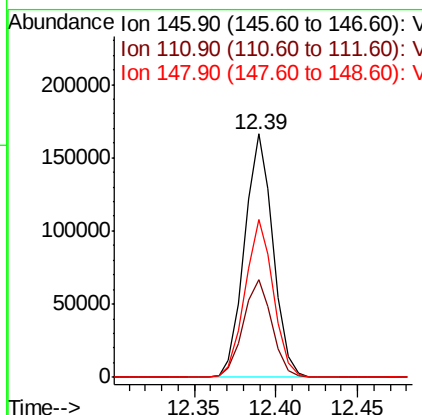
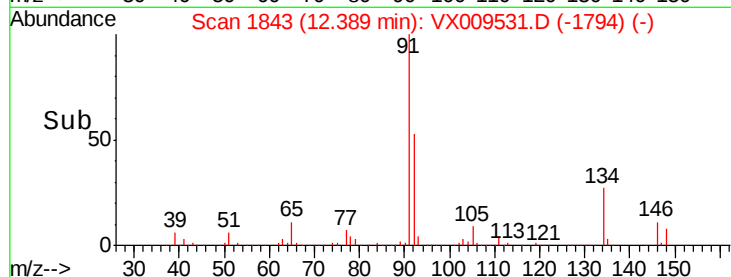
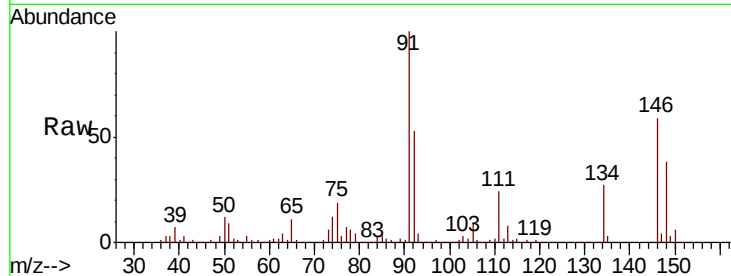




#91
 1,2-Dichlorobenzene
 Concen: 51.775 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009531.D
 Acq: 11 May 2019 17:50

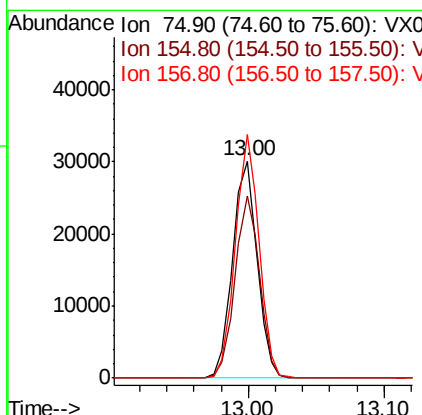
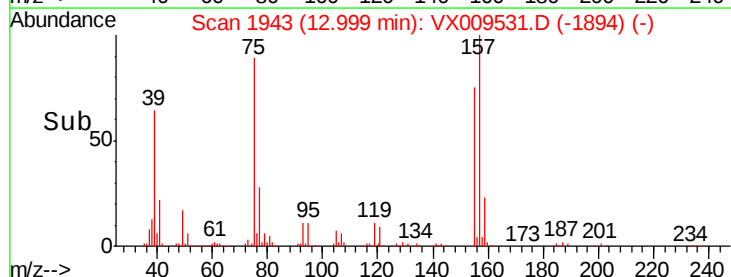
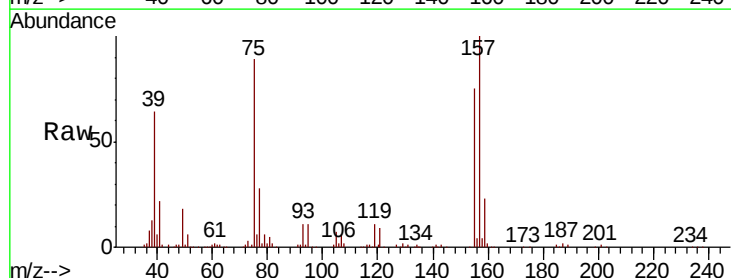
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 201963
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.8 62.4
 148 64.4 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.359 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009531.D
 Acq: 11 May 2019 17:50

Tgt Ion: 75 Resp: 37899
 Ion Ratio Lower Upper
 75 100
 155 83.6 42.0 126.0
 157 108.0 53.2 159.6

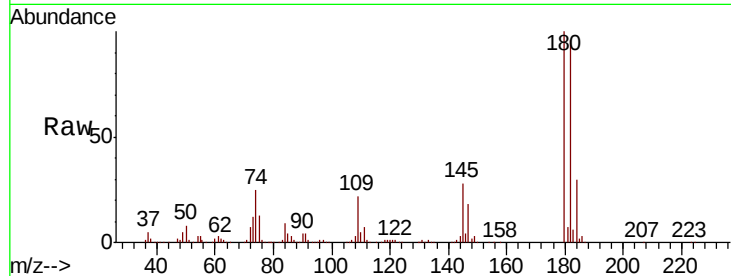




#93
 1,2,4-Trichlorobenzene
 Concen: 52.912 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009531.D
 Acq: 11 May 2019 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.4	145.2
145	28.6	14.6	43.8

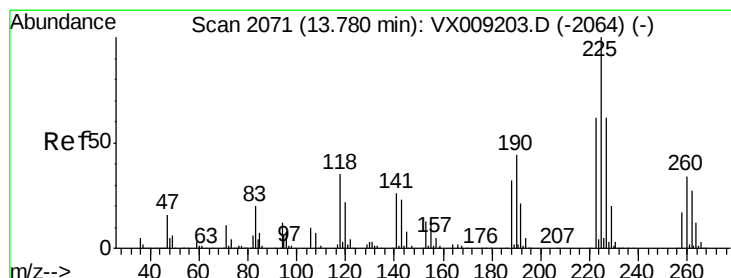
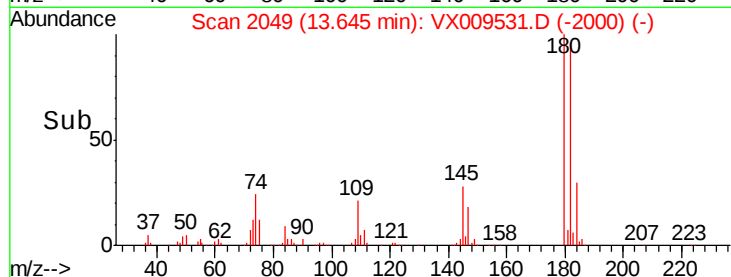
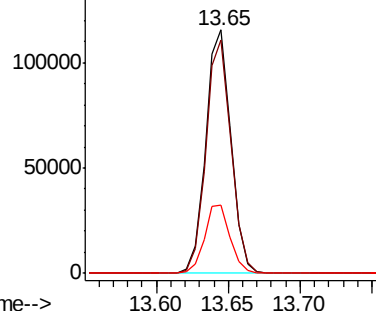


Abundance

Ion 179.80 (179.50 to 180.50): V

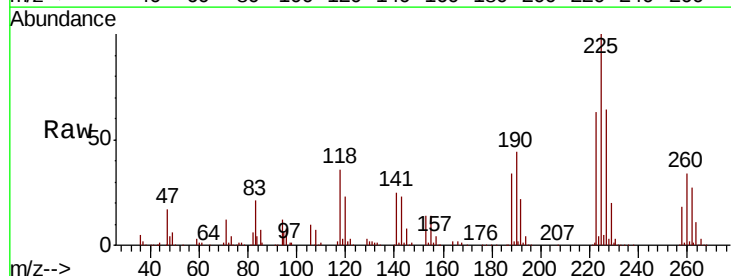
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 51.883 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009531.D
 Acq: 11 May 2019 17:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.3	93.8
227	64.6	31.8	95.3

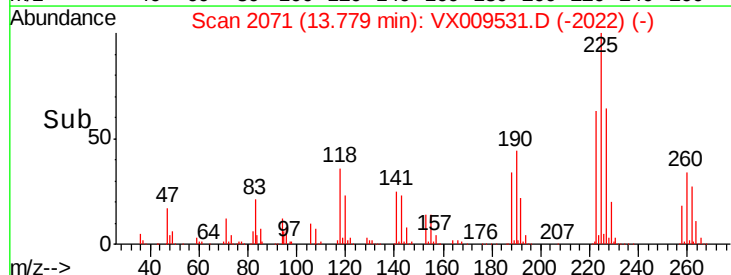
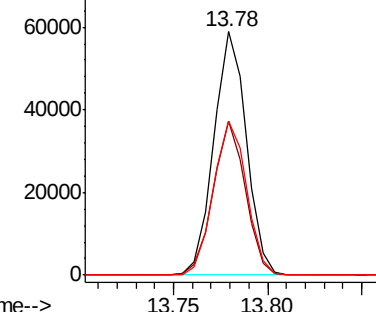


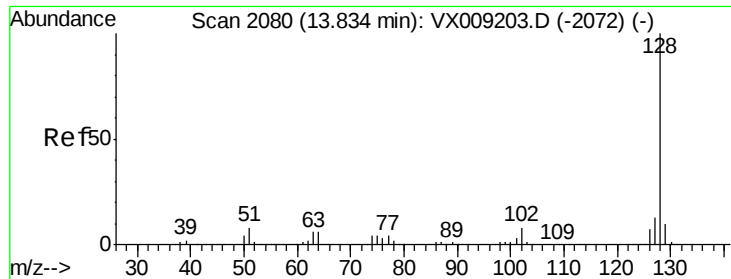
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

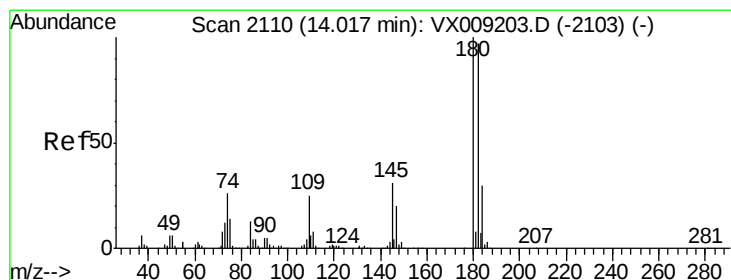
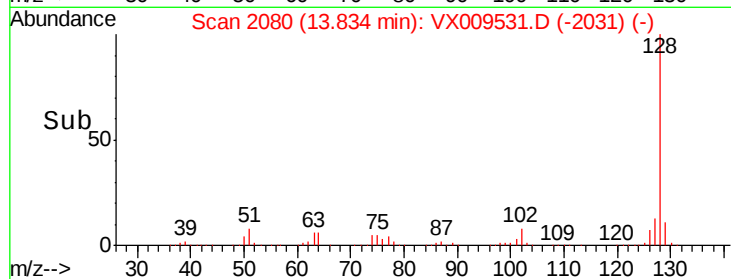
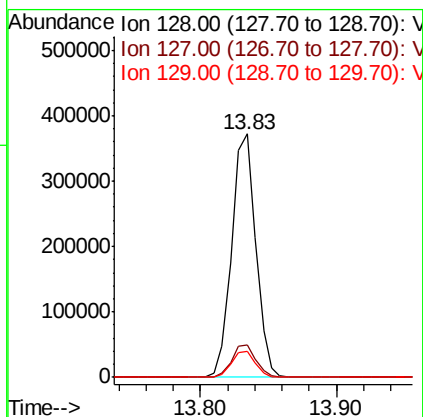
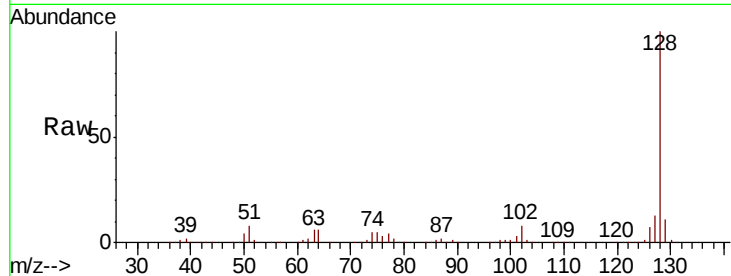




#95
Naphthalene
Concen: 52.891 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009531.D
Acq: 11 May 2019 17:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 459014
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.966 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009531.D
Acq: 11 May 2019 17:50

Tgt Ion:180 Resp: 140512
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.4
145 31.3 15.4 46.4

