

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
 Data File : VX009919.D
 Acq On : 28 May 2019 16:56
 Operator : JC/SP
 Sample : VX0528WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBSD01

Quant Time: May 29 04:11:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	166256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	267262	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	242820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116688	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	115460	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	
35) Dibromofluoromethane	5.50	113	82978	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
50) Toluene-d8	8.71	98	341090	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.13	95	122101	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	43035	21.183	ug/l	100
3) Chloromethane	1.32	50	54674	20.018	ug/l	100
4) Vinyl Chloride	1.41	62	47997	19.494	ug/l	98
5) Bromomethane	1.64	94	28183	18.893	ug/l	97
6) Chloroethane	1.72	64	29263	19.307	ug/l	100
7) Trichlorofluoromethane	1.93	101	53563	19.687	ug/l	100
8) Diethyl Ether	2.19	74	24236	18.956	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31094	18.929	ug/l	99
10) Methyl Iodide	2.51	142	33822	19.736	ug/l	99
11) Tert butyl alcohol	3.05	59	59030	102.134	ug/l	99
12) 1,1-Dichloroethene	2.37	96	31288	18.583	ug/l	99
13) Acrolein	2.29	56	38748	107.696	ug/l	99
14) Allyl chloride	2.73	41	77891	19.034	ug/l	100
15) Acrylonitrile	3.14	53	130841	93.955	ug/l	99
16) Acetone	2.45	43	123794	91.232	ug/l	100
17) Carbon Disulfide	2.57	76	94590	18.795	ug/l	99
18) Methyl Acetate	2.78	43	58292	18.462	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	120373	18.936	ug/l	98
20) Methylene Chloride	2.85	84	38037	18.305	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	34486	18.408	ug/l	98
22) Diisopropyl ether	3.85	45	149425	19.191	ug/l	99
23) Vinyl Acetate	3.82	43	669480	95.710	ug/l	100
24) 1,1-Dichloroethane	3.70	63	71506	18.950	ug/l	99
25) 2-Butanone	4.67	43	199658	94.443	ug/l	100
26) 2,2-Dichloropropane	4.59	77	49694	17.409	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	39627	18.324	ug/l	98
28) Bromochloromethane	5.02	49	35941	18.355	ug/l	97
29) Tetrahydrofuran	5.13	42	131860	97.266	ug/l	100
30) Chloroform	5.21	83	64852	19.057	ug/l	98
31) Cyclohexane	5.58	56	70618	19.759	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	53205	19.197	ug/l	98
36) 1,1-Dichloropropene	5.80	75	49739	18.342	ug/l	100
37) Ethyl Acetate	4.84	43	75366	19.947	ug/l	100
38) Carbon Tetrachloride	5.79	117	44184	18.856	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	60812	18.906	ug/l	99
40) Benzene	6.14	78	153245	19.051	ug/l	98
41) Methacrylonitrile	5.04	41	40865	18.509	ug/l	97
42) 1,2-Dichloroethane	6.19	62	56416	18.971	ug/l	100
43) Isopropyl Acetate	6.45	43	113796	18.666	ug/l	99
44) Trichloroethene	7.21	130	36042	18.446	ug/l	100
45) 1,2-Dichloropropane	7.51	63	43742	18.890	ug/l	95
46) Dibromomethane	7.66	93	24259	17.798	ug/l	99
47) Bromodichloromethane	7.90	83	48756	18.810	ug/l	98
48) Methyl methacrylate	7.77	41	56869	18.843	ug/l	99
49) 1,4-Dioxane	7.74	88	22546	401.616	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	381511	96.197	ug/l	100
52) Toluene	8.78	92	93077	19.057	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	54874	17.653	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	61755	18.233	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	37098	18.872	ug/l	98
56) Ethyl methacrylate	9.18	69	67820	19.379	ug/l	99
57) 1,3-Dichloropropane	9.37	76	65043	18.424	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	184877	100.742	ug/l	99
59) 2-Hexanone	9.49	43	301720	98.815	ug/l	100
60) Dibromochloromethane	9.58	129	35423	18.319	ug/l	98
61) 1,2-Dibromoethane	9.67	107	37835	18.734	ug/l	99
64) Tetrachloroethene	9.34	164	33663	19.847	ug/l	98
65) Chlorobenzene	10.14	112	94198	18.530	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	33955	19.258	ug/l	98
67) Ethyl Benzene	10.25	91	175520	19.230	ug/l	98
68) m/p-Xylenes	10.36	106	128722	38.174	ug/l	100
69) o-Xylene	10.69	106	62705	19.390	ug/l	99
70) Styrene	10.71	104	107655	18.985	ug/l	98
71) Bromoform	10.85	173	26509	18.393	ug/l #	98
73) Isopropylbenzene	11.02	105	166117	19.295	ug/l	99
74) N-amyl acetate	10.90	43	100565	19.548	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	61959	19.290	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	71287	25.547	ug/l	82
77) Bromobenzene	11.26	156	40694	18.547	ug/l	99
78) n-propylbenzene	11.36	91	192625	19.410	ug/l	99
79) 2-Chlorotoluene	11.42	91	115657	19.075	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	141970	19.574	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19390	17.193	ug/l	93
82) 4-Chlorotoluene	11.51	91	132752	18.808	ug/l	100
83) tert-Butylbenzene	11.77	119	133827	19.286	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	141829	19.255	ug/l	99
85) sec-Butylbenzene	11.94	105	159291	19.295	ug/l	100
86) p-Isopropyltoluene	12.06	119	144370	19.443	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	71425	18.285	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	72394	18.172	ug/l	99
89) n-Butylbenzene	12.38	91	130837	18.749	ug/l	100
90) Hexachloroethane	12.59	117	24117	18.926	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	72600	18.851	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14349	18.979	ug/l	99

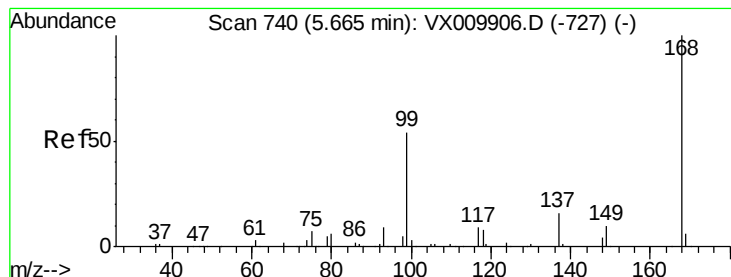
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
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MSVOA_X
ClientSampleId :
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Quant Time: May 29 04:11:41 2019
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Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	50027	18.177	ug/l	98
94) Hexachlorobutadiene	13.78	225	26319	19.066	ug/l	100
95) Naphthalene	13.83	128	162864	19.016	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	50739	18.418	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

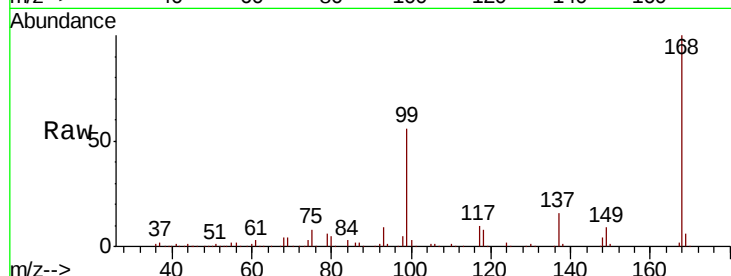
VX0528WBSD01

Tot Ion:168 Resp: 166256

Ion Ratio Lower Upper

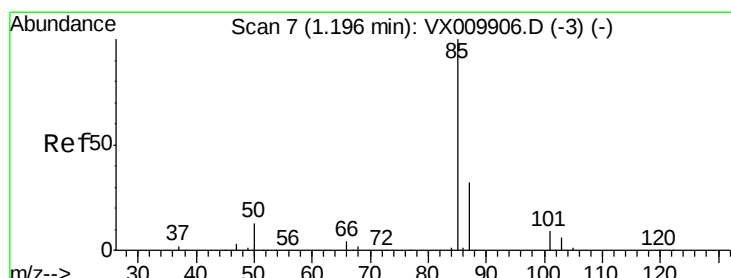
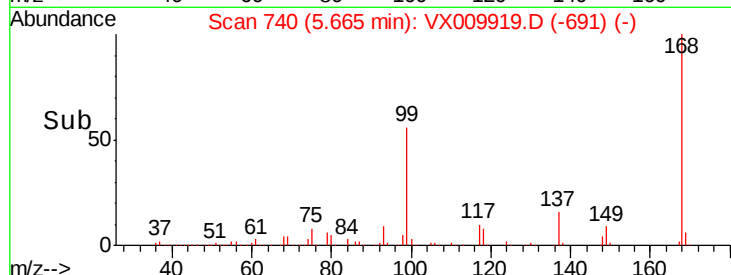
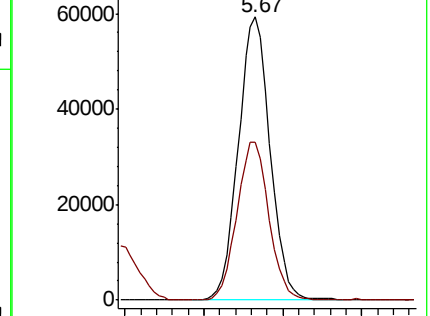
168 100

99 55.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.183 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009919.D

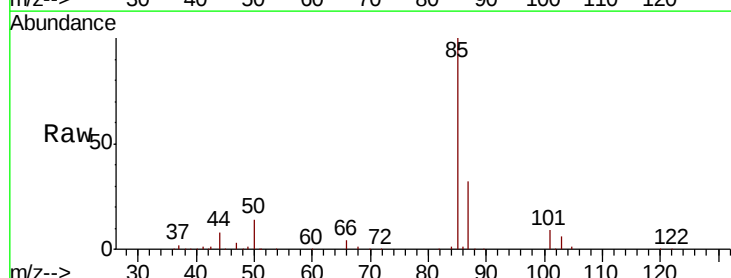
Acq: 28 May 2019 16:56

Tgt Ion: 85 Resp: 43035

Ion Ratio Lower Upper

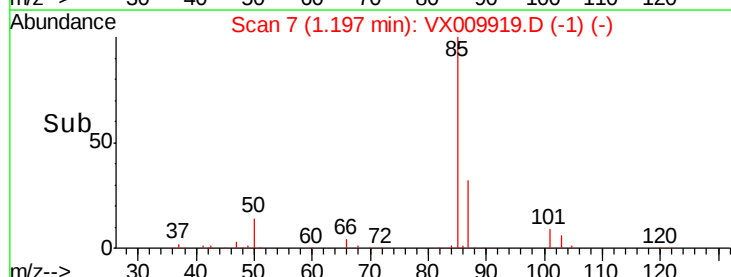
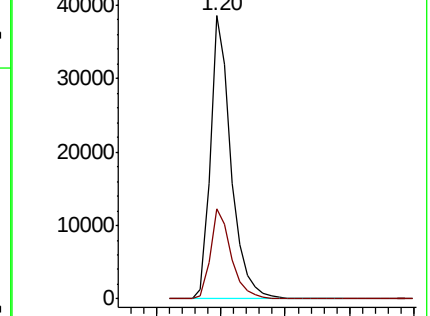
85 100

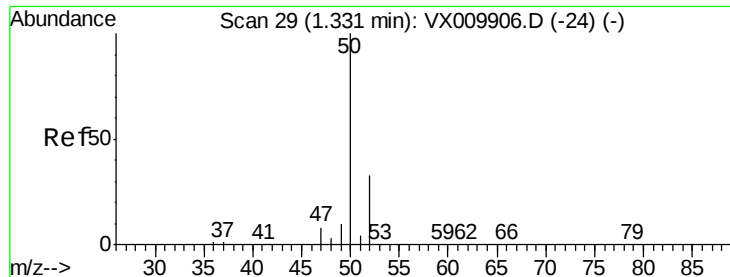
87 31.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.018 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

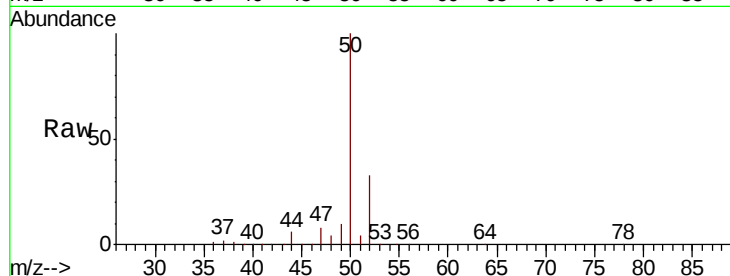
VX0528WBSD01

Tot Ion: 50 Resp: 54674

Ion Ratio Lower Upper

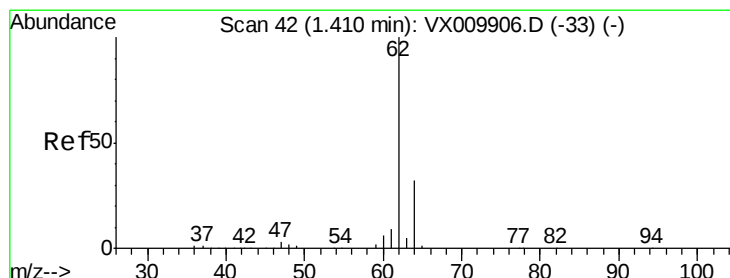
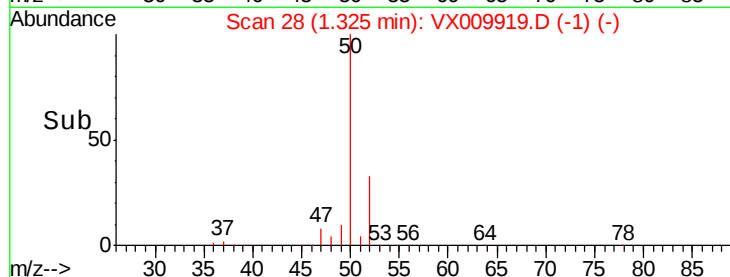
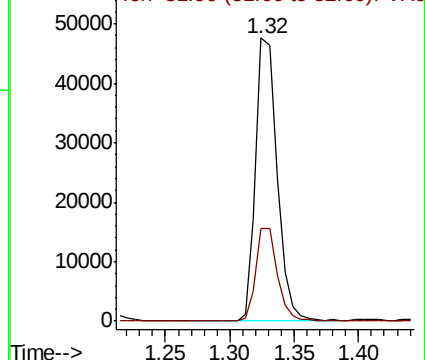
50 100

52 32.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.494 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009919.D

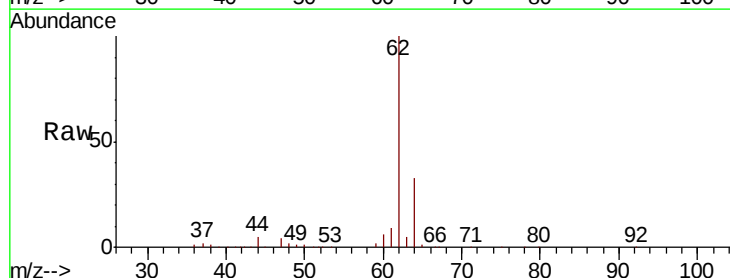
Acq: 28 May 2019 16:56

Tgt Ion: 62 Resp: 47997

Ion Ratio Lower Upper

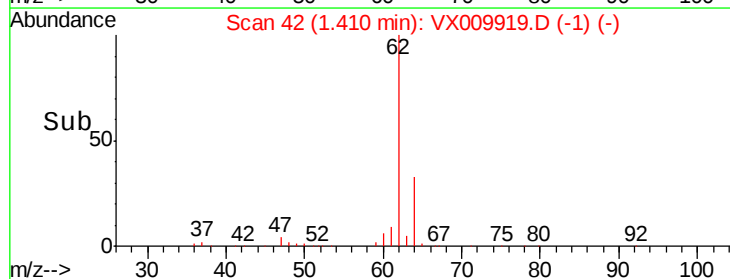
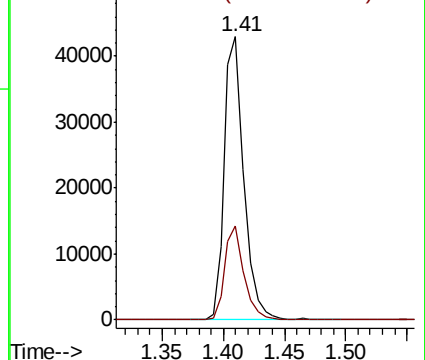
62 100

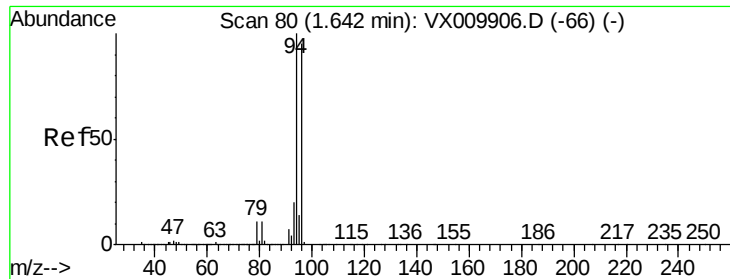
64 33.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.893 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

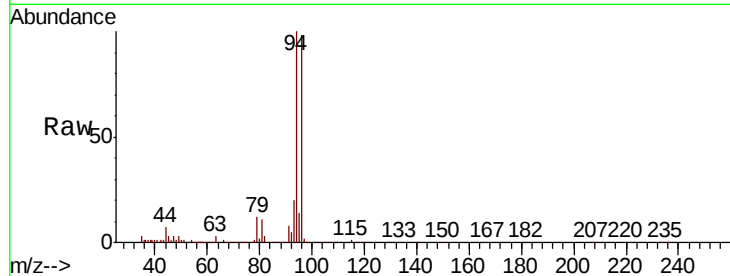
VX0528WBSD01

Tot Ion: 94 Resp: 28183

Ion Ratio Lower Upper

94 100

96 98.1 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

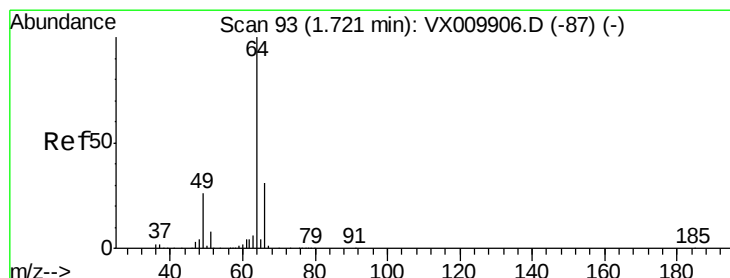
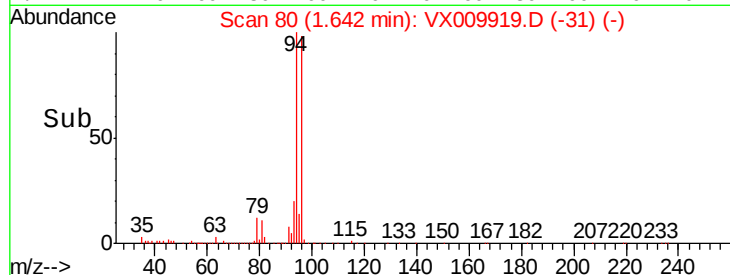
10000

5000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 19.307 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX009919.D

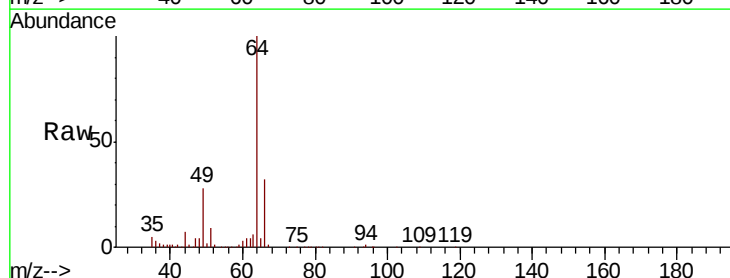
Acq: 28 May 2019 16:56

Tgt Ion: 64 Resp: 29263

Ion Ratio Lower Upper

64 100

66 31.6 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

25000

20000

15000

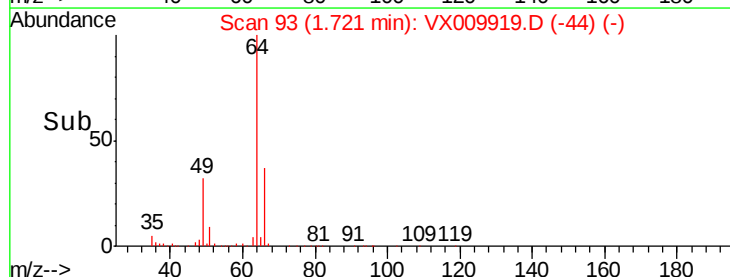
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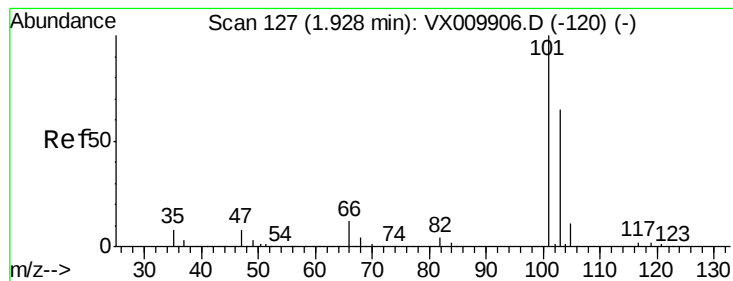
5000

0

Time-->

1.65 1.70 1.75 1.80



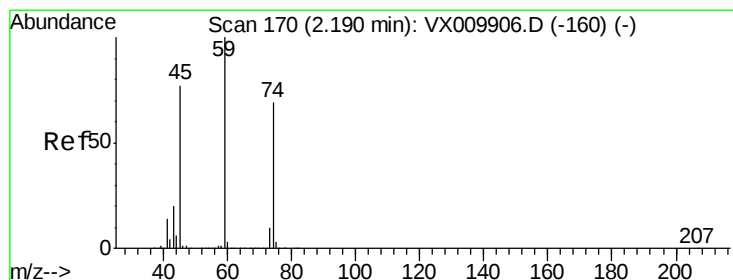
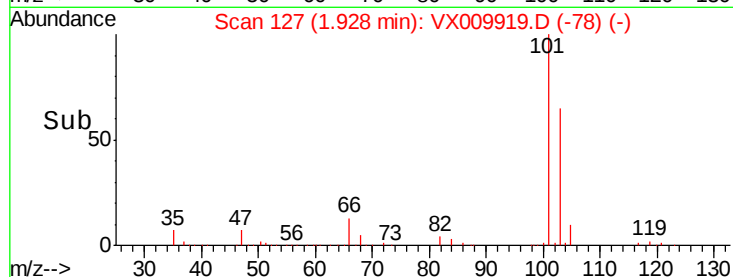
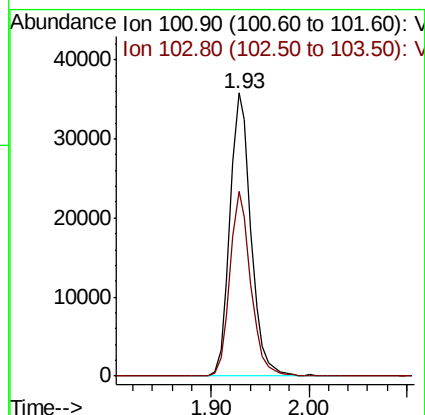
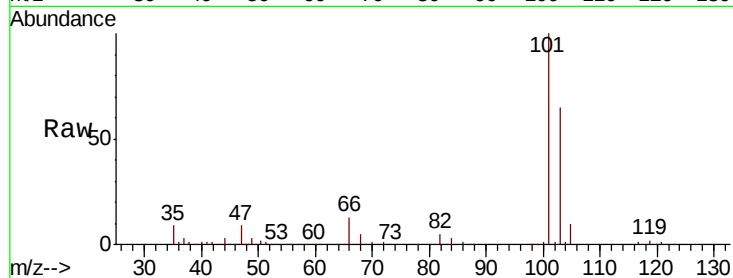


#7

Trichlorofluoromethane
 Concen: 19.687 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX009919.D
 Acq: 28 May 2019 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBSD01

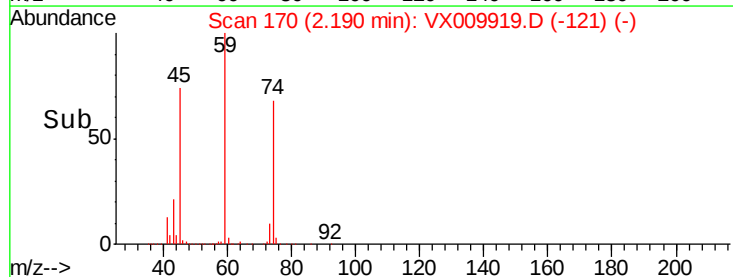
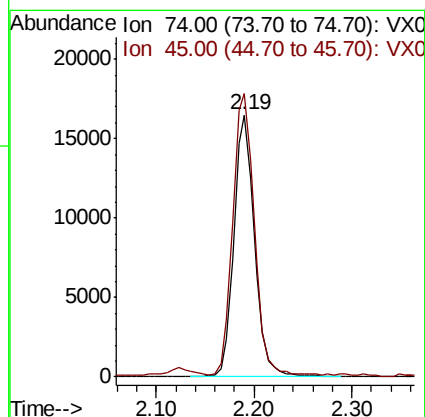
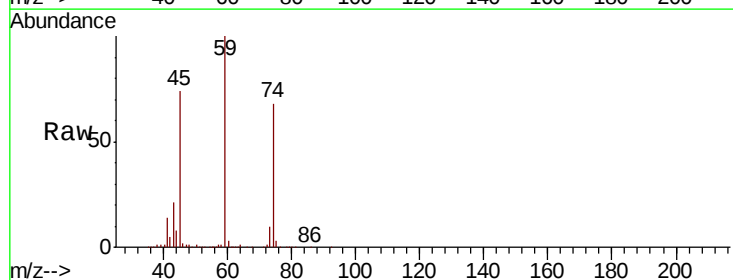
Tot Ion:101 Resp: 53563
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.2 78.4

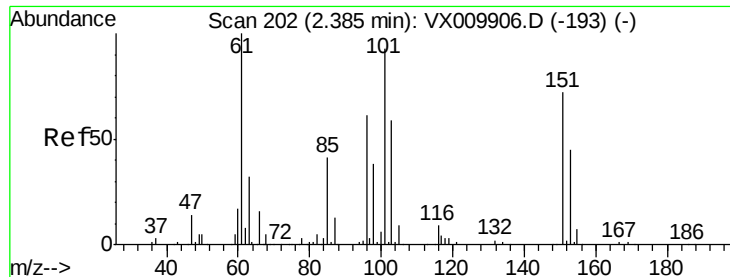


#8

Diethyl Ether
 Concen: 18.956 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX009919.D
 Acq: 28 May 2019 16:56

Tgt Ion: 74 Resp: 24236
 Ion Ratio Lower Upper
 74 100
 45 111.2 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.929 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBSD01

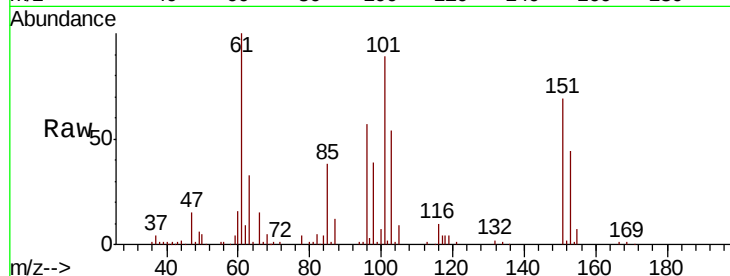
Tot Ion:101 Resp: 31094

Ion Ratio Lower Upper

101 100

85 44.8 35.2 52.8

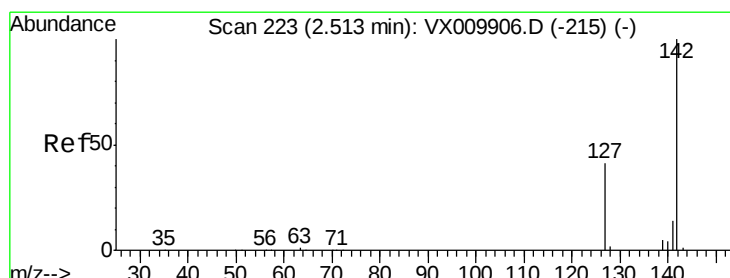
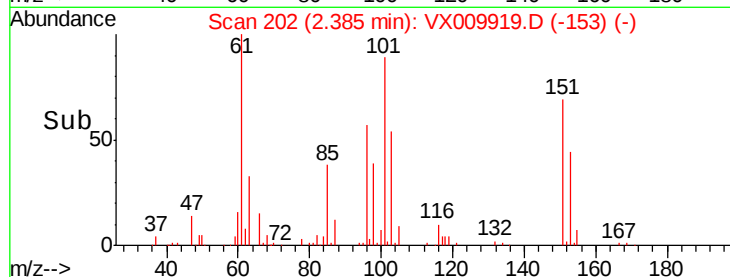
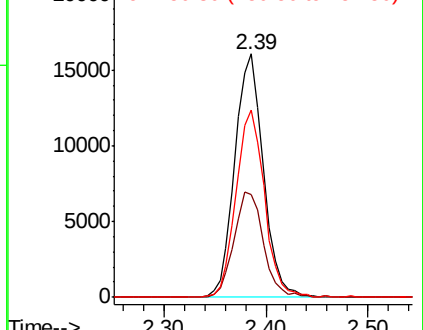
151 76.4 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.736 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

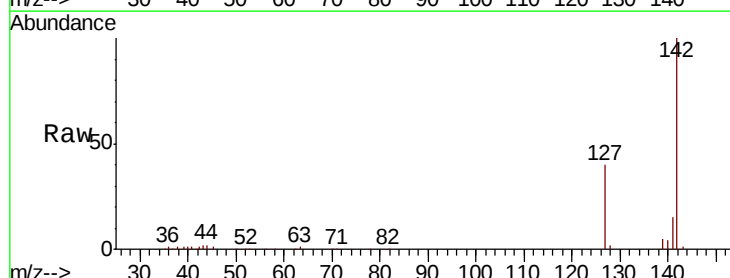
Tgt Ion:142 Resp: 33822

Ion Ratio Lower Upper

142 100

127 41.9 33.0 49.4

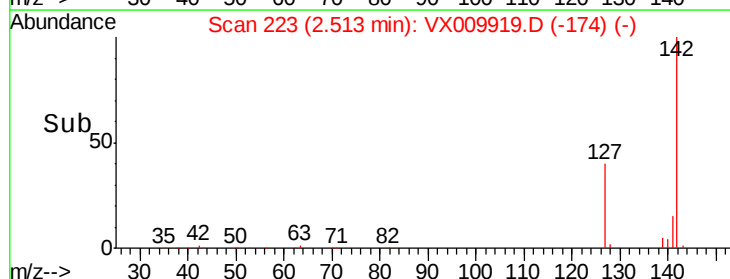
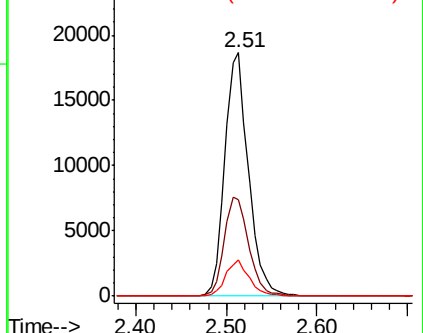
141 14.7 11.4 17.0

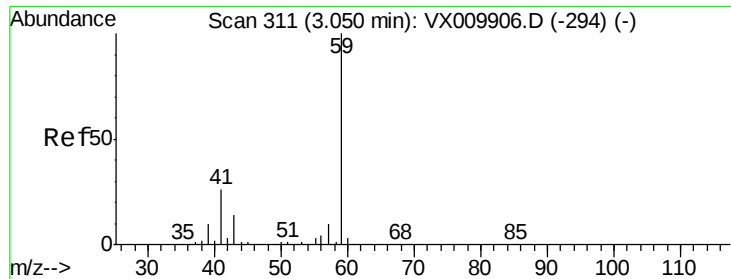


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

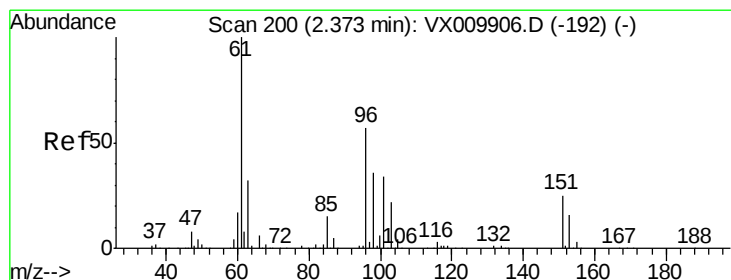
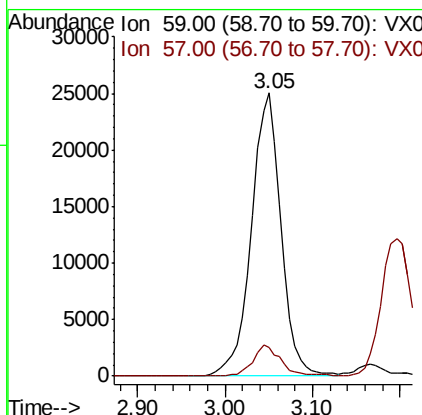
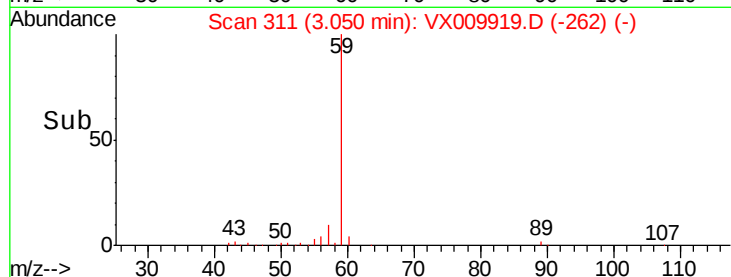
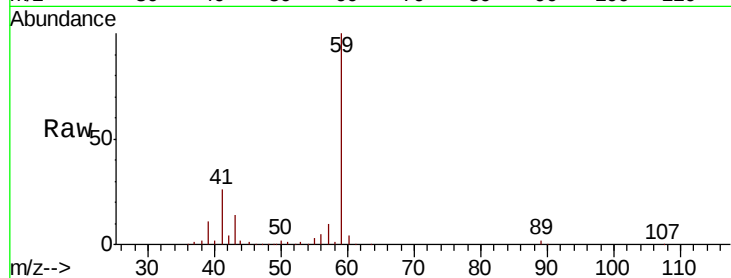




#11
Tert butyl alcohol
Concen: 102.134 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009919.D
Acq: 28 May 2019 16:56

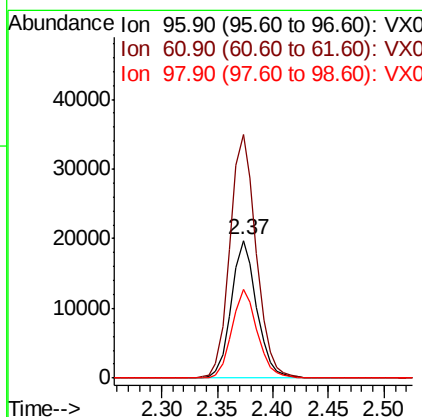
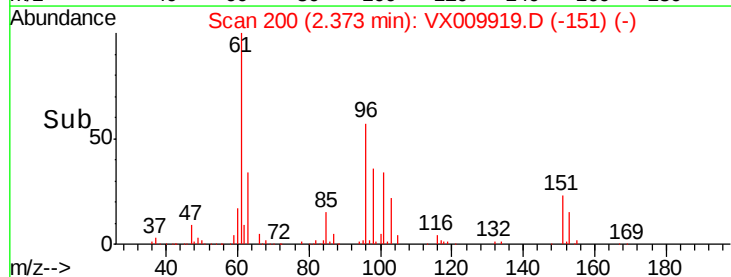
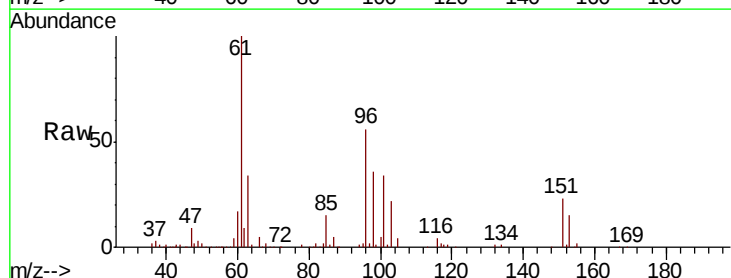
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01

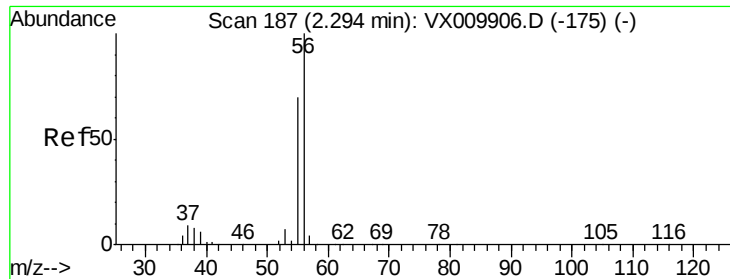
Tot Ion: 59 Resp: 59030
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.583 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX009919.D
Acq: 28 May 2019 16:56

Tgt Ion: 96 Resp: 31288
Ion Ratio Lower Upper
96 100
61 177.2 140.7 211.1
98 64.2 50.1 75.1





#13

Acrolein

Concen: 107.696 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

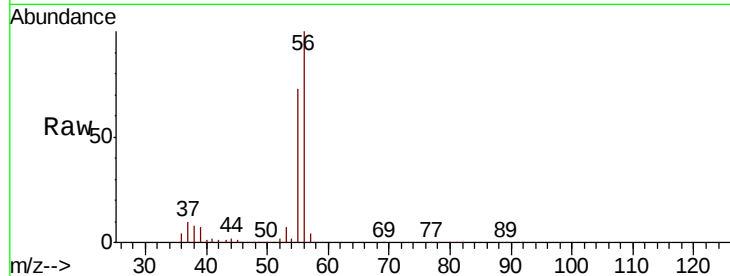
VX0528WBSD01

Tot Ion: 56 Resp: 38748

Ion Ratio Lower Upper

56 100

55 70.8 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

25000

20000

15000

10000

5000

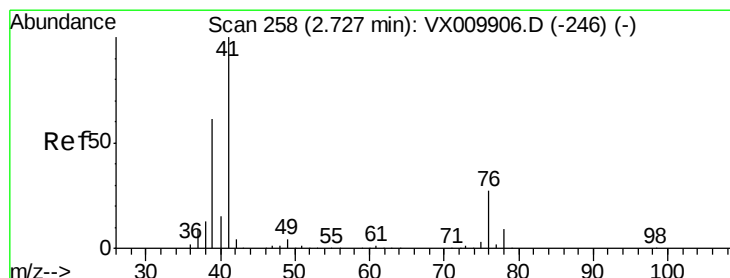
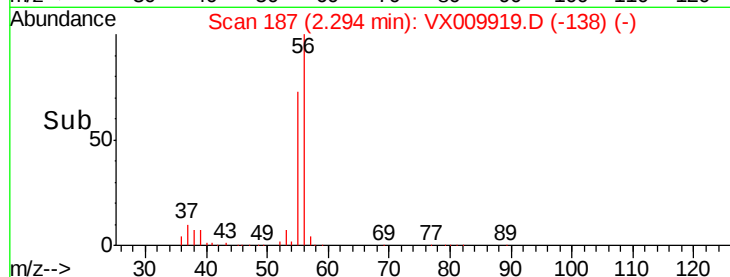
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 19.034 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

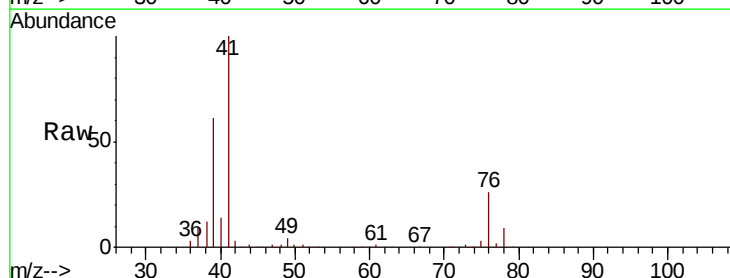
Tgt Ion: 41 Resp: 77891

Ion Ratio Lower Upper

41 100

39 58.3 46.7 70.1

76 25.7 21.0 31.4



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

50000

40000

30000

20000

10000

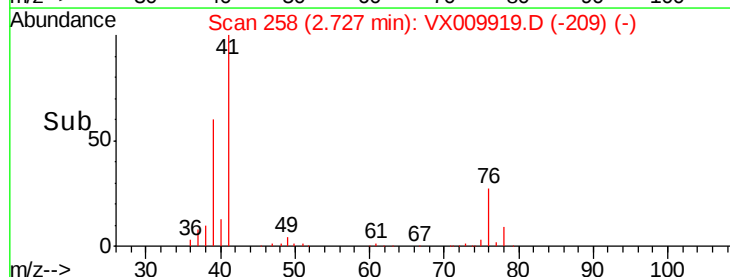
0

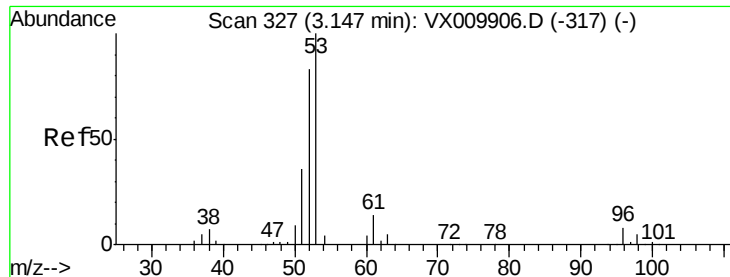
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 93.955 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBSD01

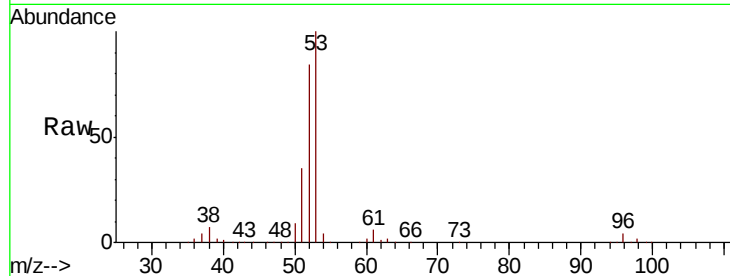
Tot Ion: 53 Resp: 130841

Ion Ratio Lower Upper

53 100

52 84.3 66.7 100.1

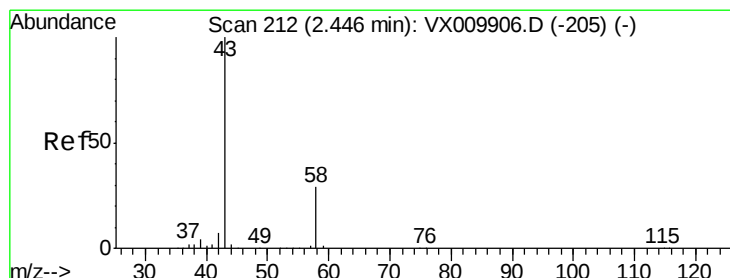
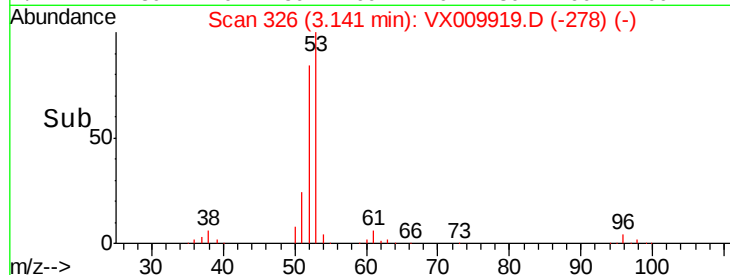
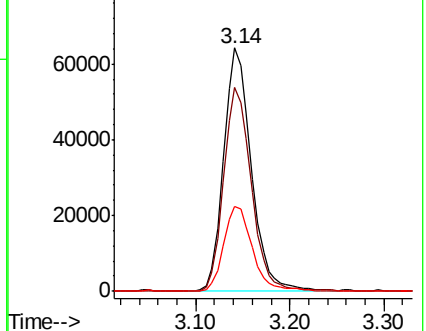
51 36.4 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 91.232 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009919.D

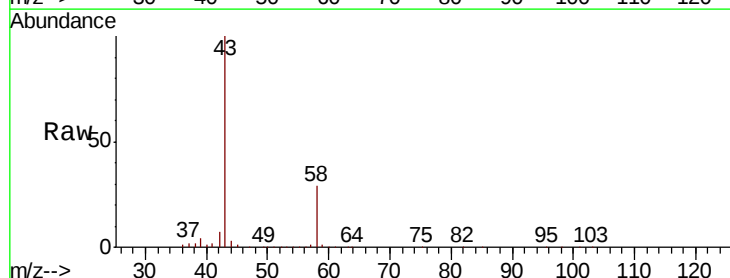
Acq: 28 May 2019 16:56

Tgt Ion: 43 Resp: 123794

Ion Ratio Lower Upper

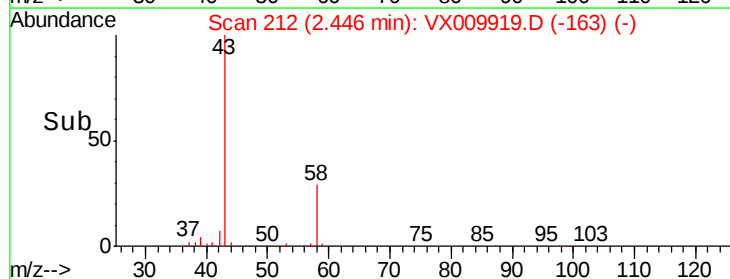
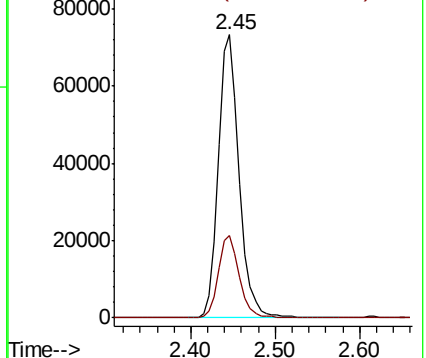
43 100

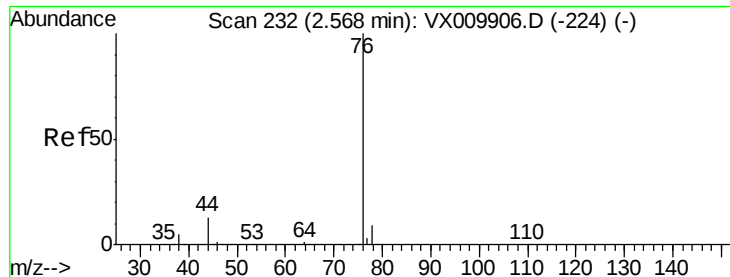
58 29.0 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.795 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

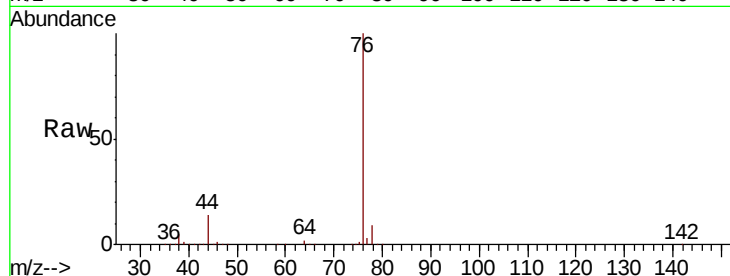
VX0528WBSD01

Tot Ion: 76 Resp: 94590

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

60000

50000

40000

30000

20000

10000

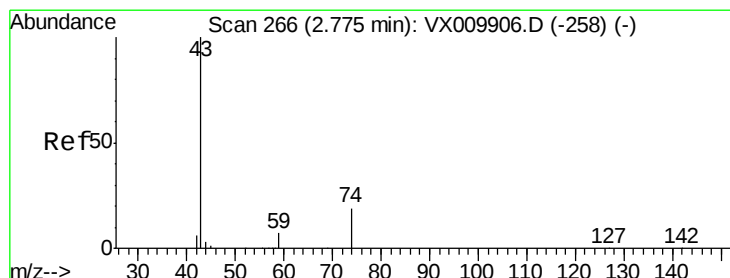
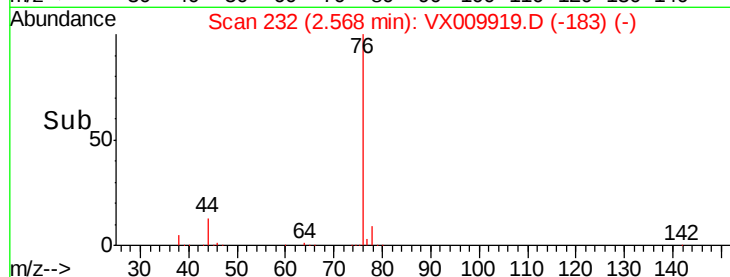
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 18.462 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX009919.D

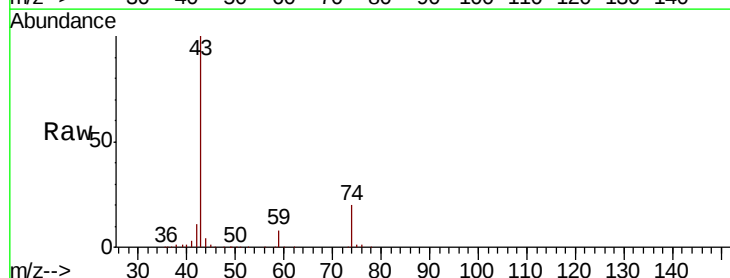
Acq: 28 May 2019 16:56

Tgt Ion: 43 Resp: 58292

Ion Ratio Lower Upper

43 100

74 20.1 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

30000

20000

10000

0

Time-->

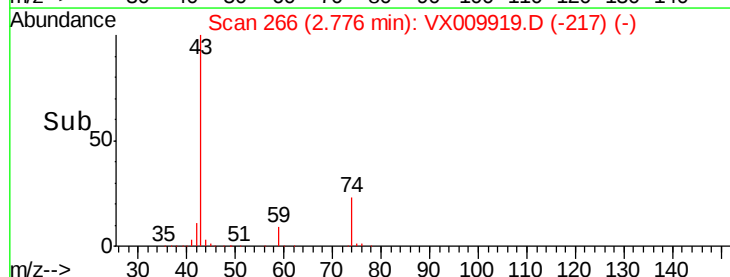
2.70

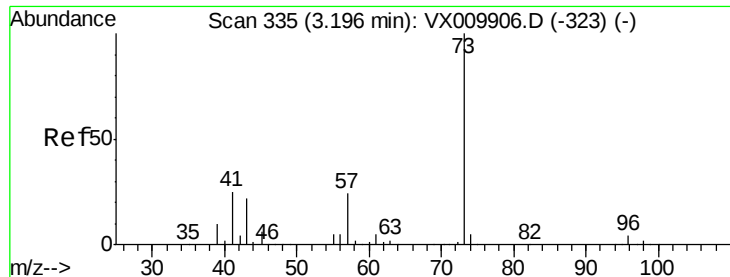
2.75

2.80

2.85

2.90



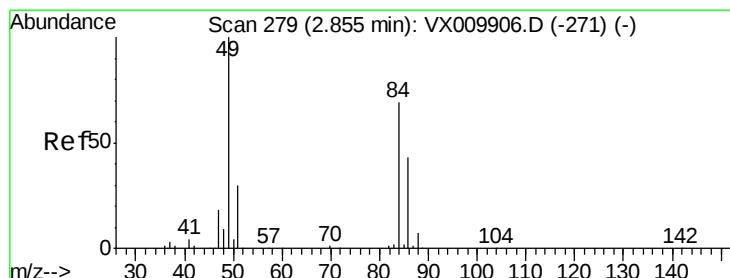
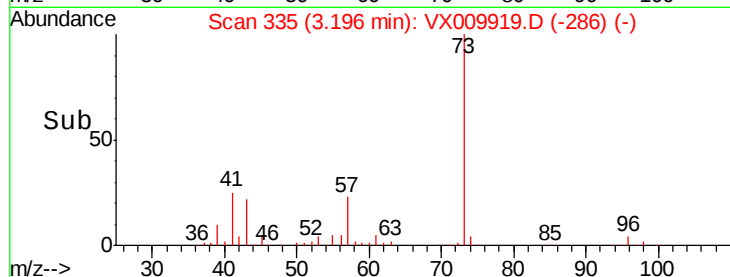
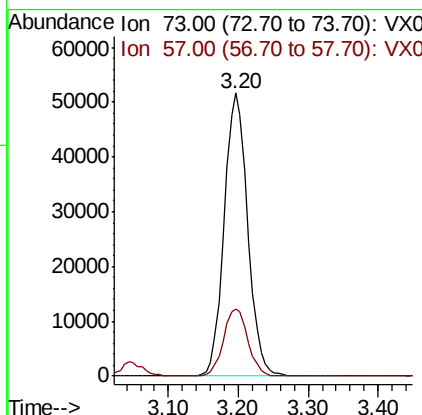
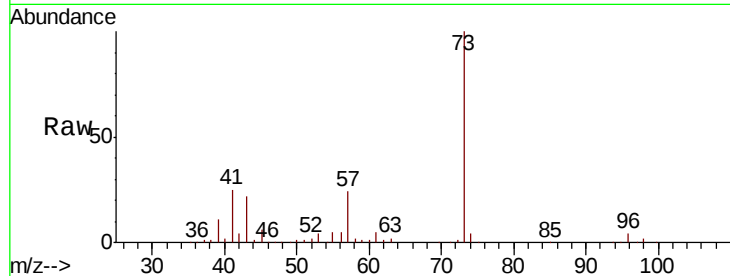


#19

Methyl tert-butyl Ether
 Concen: 18.936 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX009919.D
 Acq: 28 May 2019 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBSD01

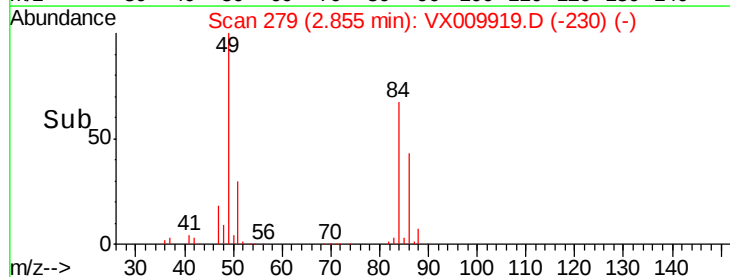
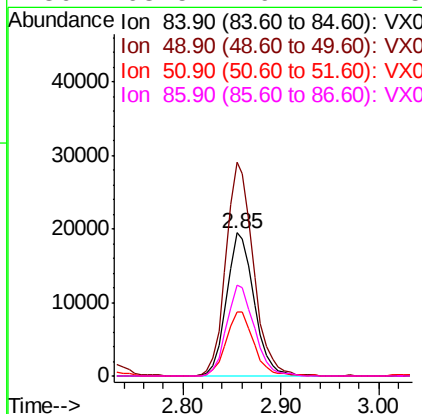
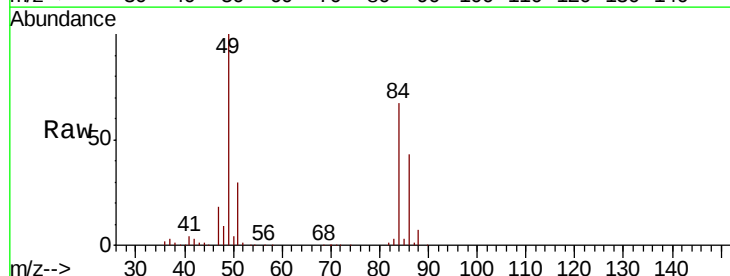
Tot Ion: 73 Resp: 120373
 Ion Ratio Lower Upper
 73 100
 57 23.4 19.4 29.2

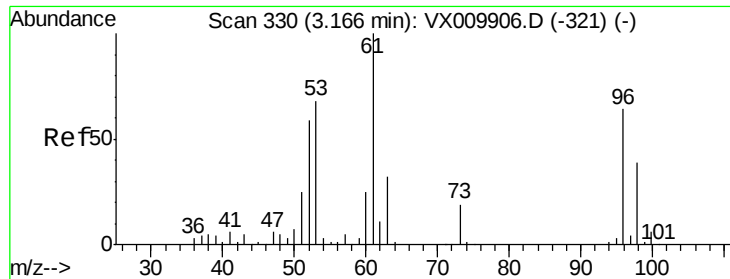


#20

Methylene Chloride
 Concen: 18.305 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX009919.D
 Acq: 28 May 2019 16:56

Tgt Ion: 84 Resp: 38037
 Ion Ratio Lower Upper
 84 100
 49 149.2 115.8 173.6
 51 44.6 34.4 51.6
 86 63.5 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 18.408 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBSD01

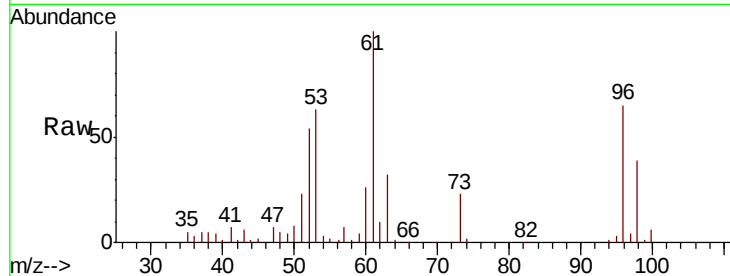
Tot Ion: 96 Resp: 34486

Ion Ratio Lower Upper

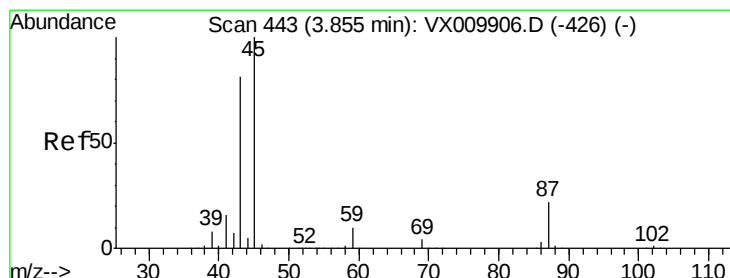
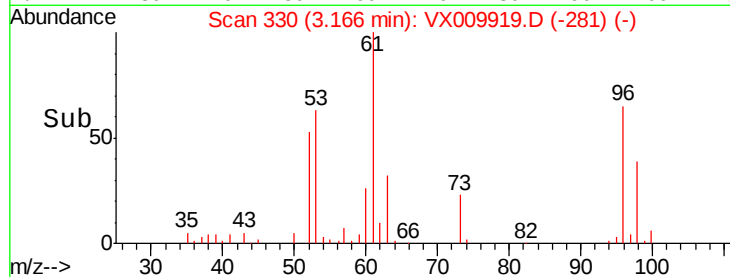
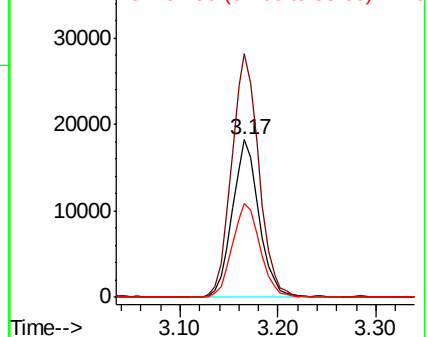
96 100

61 154.8 125.7 188.5

98 59.9 49.0 73.6



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



#22

Diisopropyl ether

Concen: 19.191 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Tgt Ion: 45 Resp: 149425

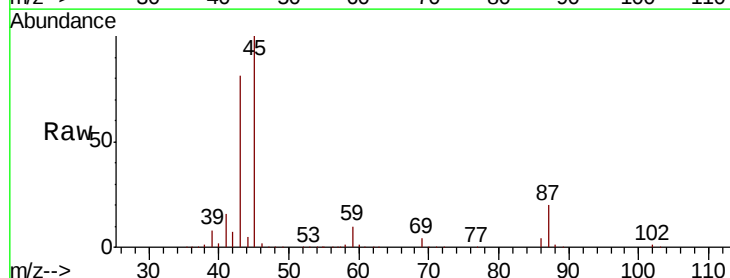
Ion Ratio Lower Upper

45 100

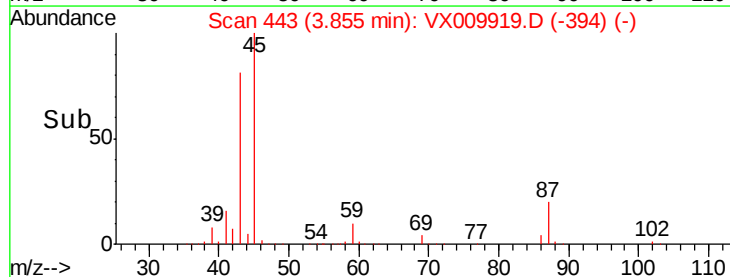
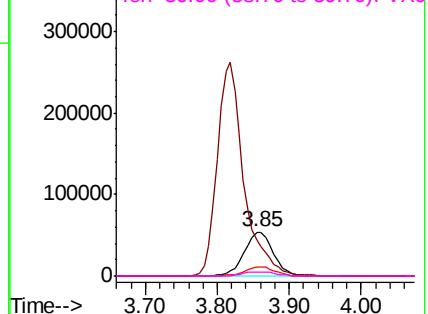
43 80.9 65.0 97.4

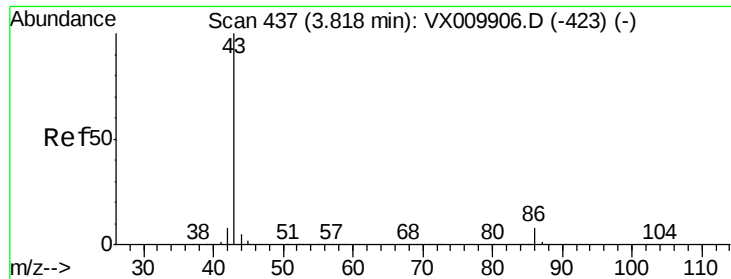
87 20.3 17.3 25.9

59 9.8 8.1 12.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 95.710 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

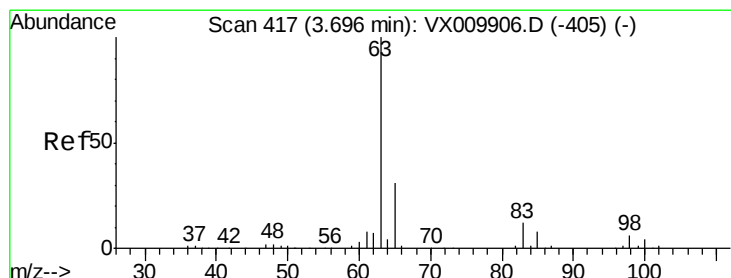
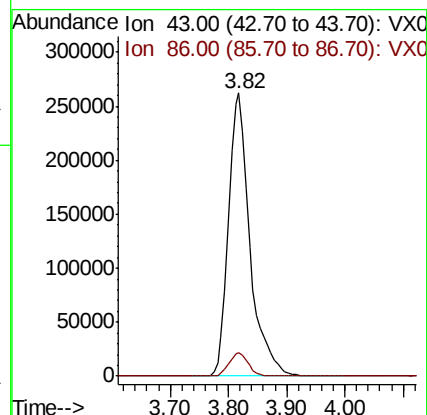
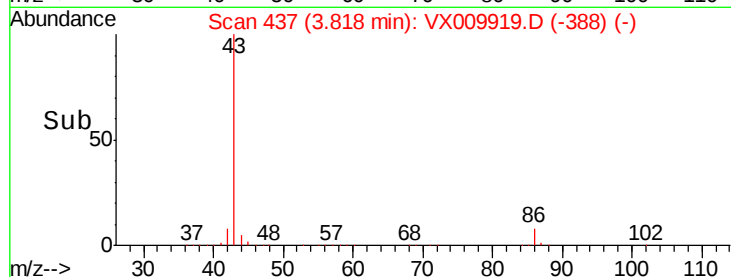
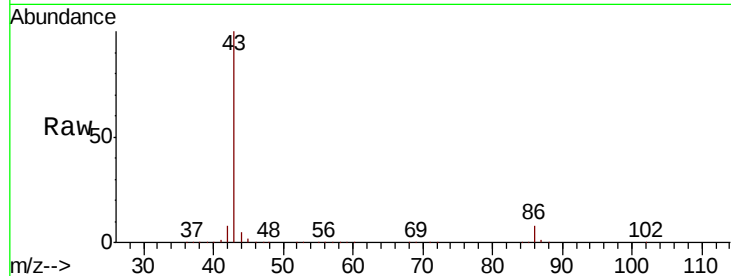
VX0528WBSD01

Tot Ion: 43 Resp: 669480

Ion Ratio Lower Upper

43 100

86 8.2 6.5 9.7



#24

1,1-Dichloroethane

Concen: 18.950 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

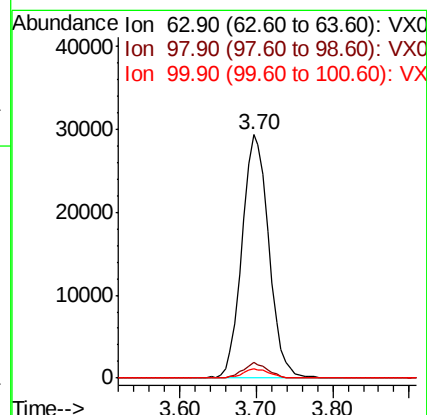
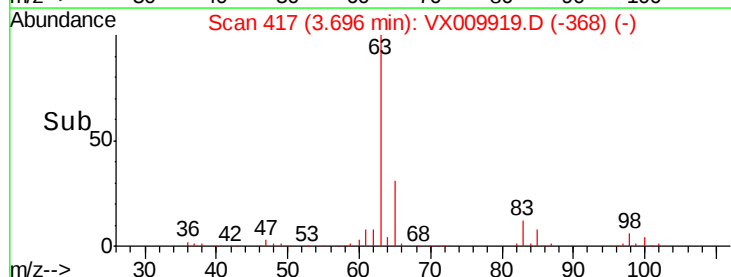
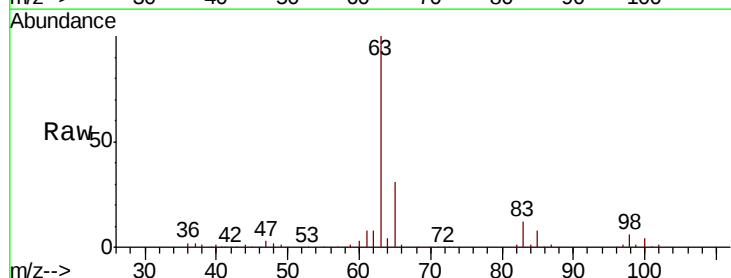
Tgt Ion: 63 Resp: 71506

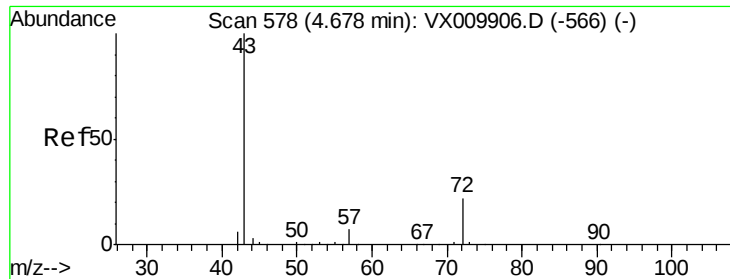
Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.8

100 4.0 1.8 5.4





#25

2-Butanone

Concen: 94.443 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

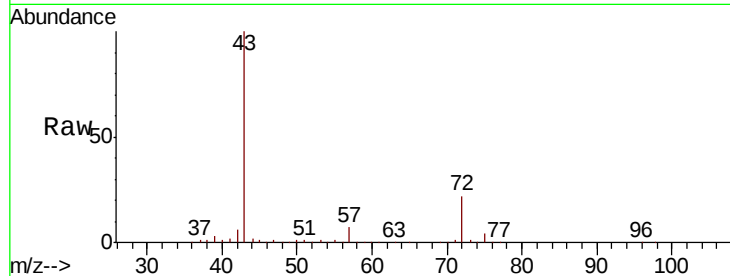
VX0528WBSD01

Tot Ion: 43 Resp: 199658

Ion Ratio Lower Upper

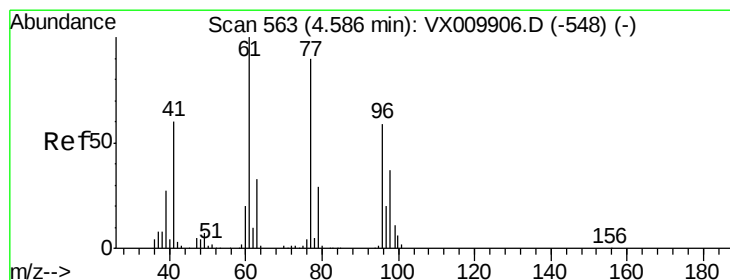
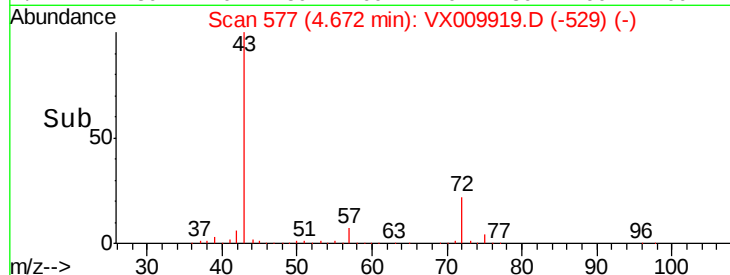
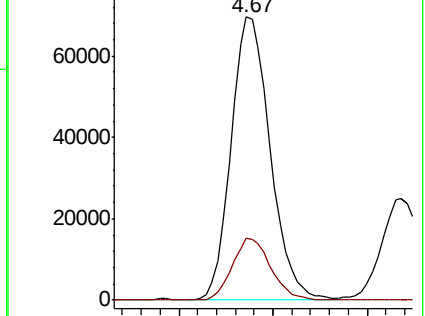
43 100

72 22.0 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.409 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX009919.D

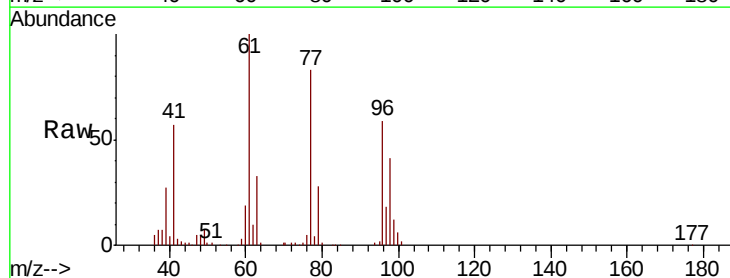
Acq: 28 May 2019 16:56

Tgt Ion: 77 Resp: 49694

Ion Ratio Lower Upper

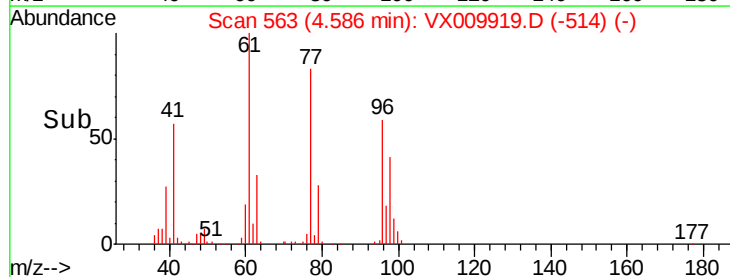
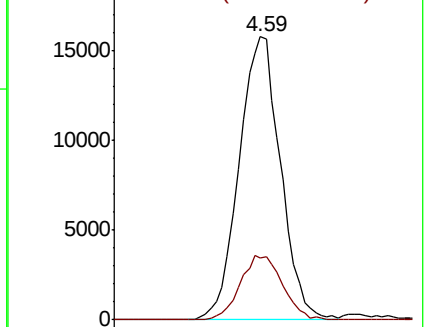
77 100

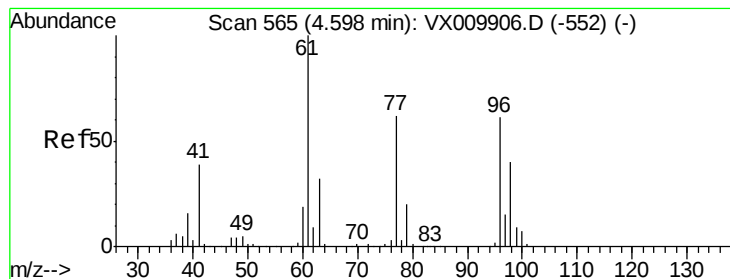
97 23.2 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



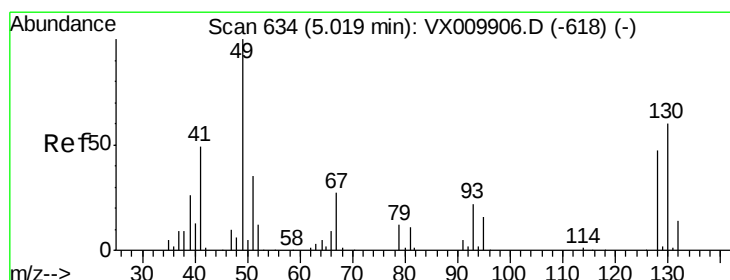
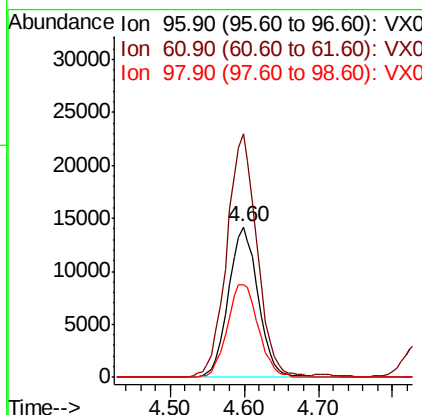
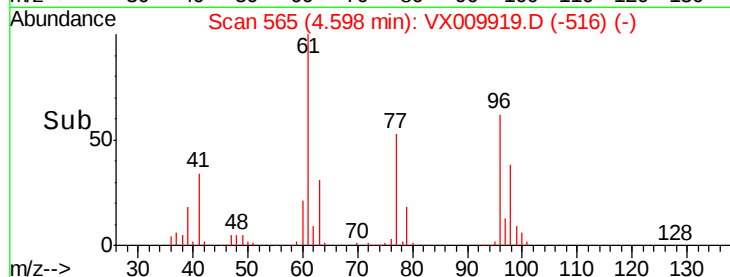
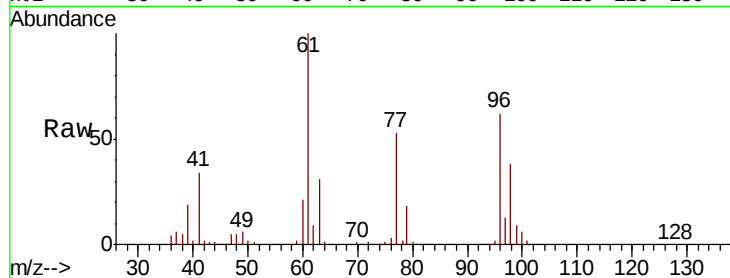


#27

cis-1,2-Dichloroethene
Concen: 18.324 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX009919.D
Acq: 28 May 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01

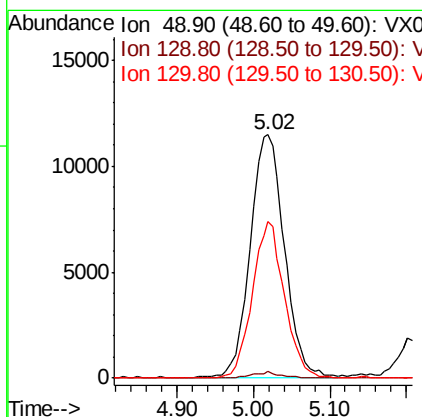
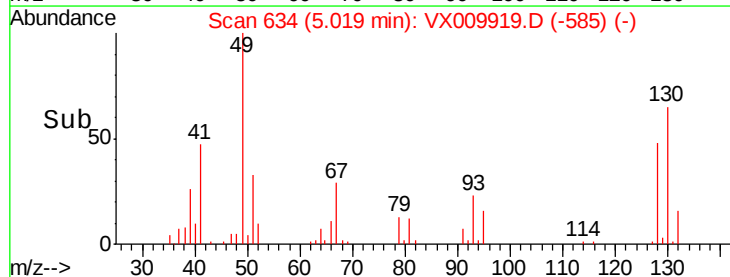
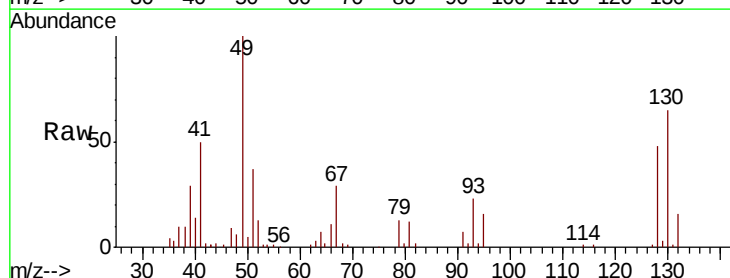
Tot Ion	96	Resp	39627
Ion	Ratio	Lower	Upper
96	100		
61	164.3	0.0	334.0
98	64.9	0.0	131.6

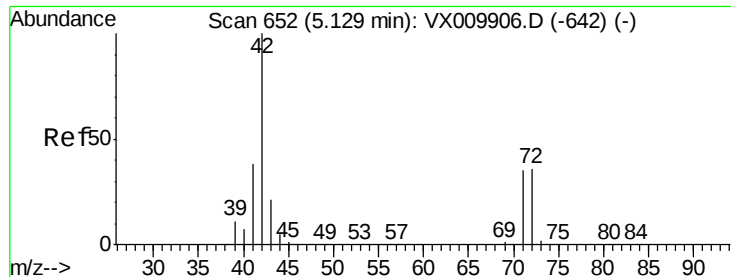


#28

Bromochloromethane
Concen: 18.355 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX009919.D
Acq: 28 May 2019 16:56

Tgt Ion	49	Resp	35941
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.4
130	59.8	49.4	74.2





#29

Tetrahydrofuran

Concen: 97.266 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBSD01

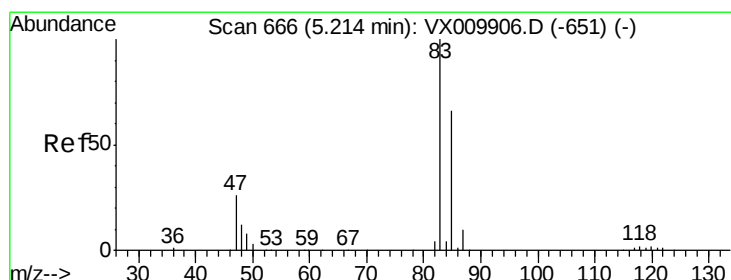
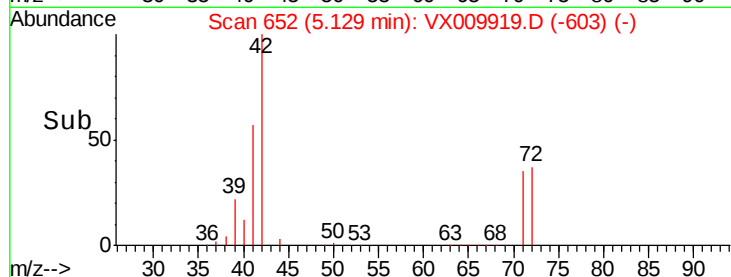
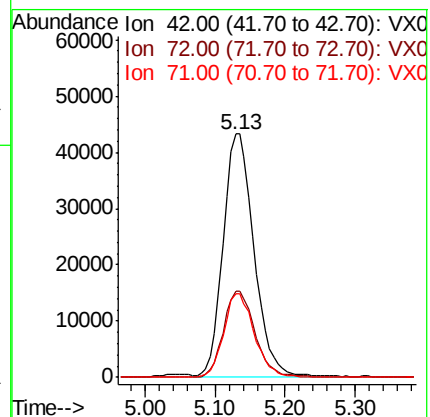
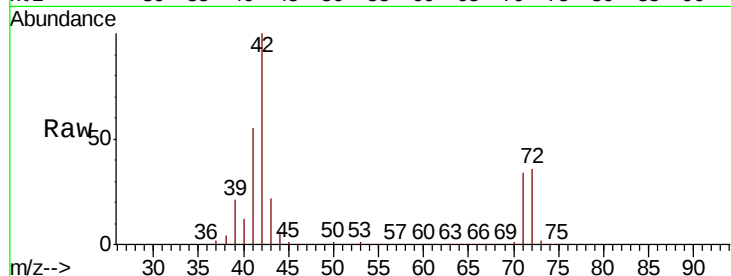
Tot Ion: 42 Resp: 131860

Ion Ratio Lower Upper

42 100

72 36.6 29.2 43.8

71 34.3 27.6 41.4



#30

Chloroform

Concen: 19.057 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX009919.D

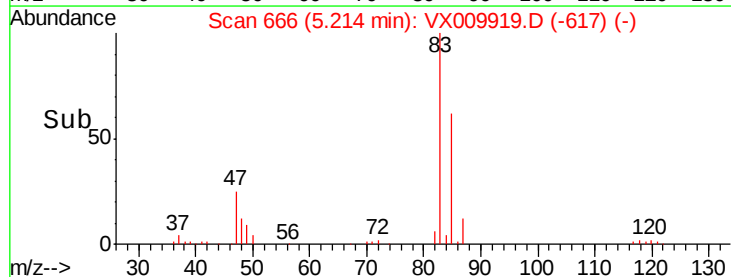
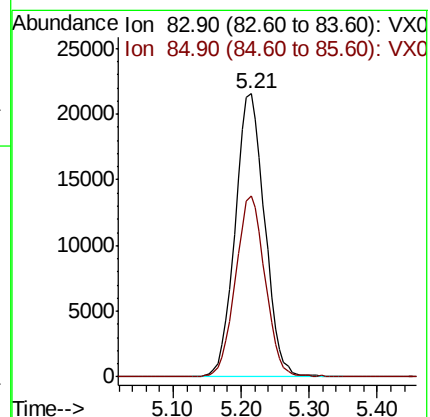
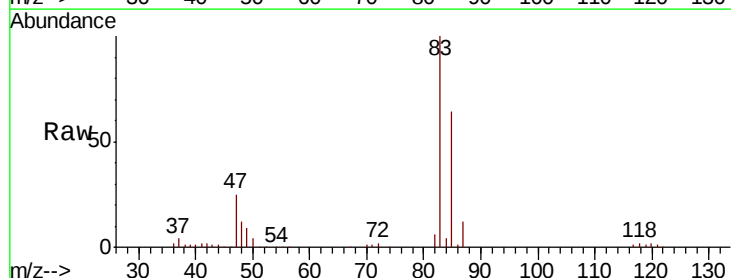
Acq: 28 May 2019 16:56

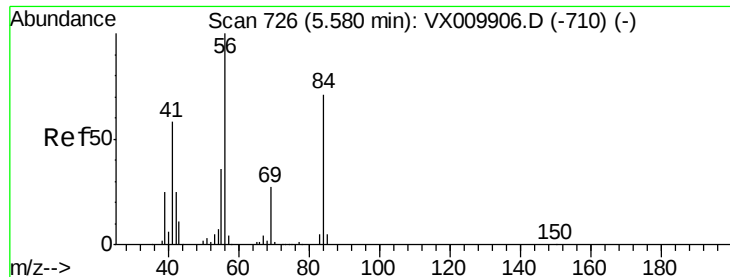
Tgt Ion: 83 Resp: 64852

Ion Ratio Lower Upper

83 100

85 64.0 52.6 78.8

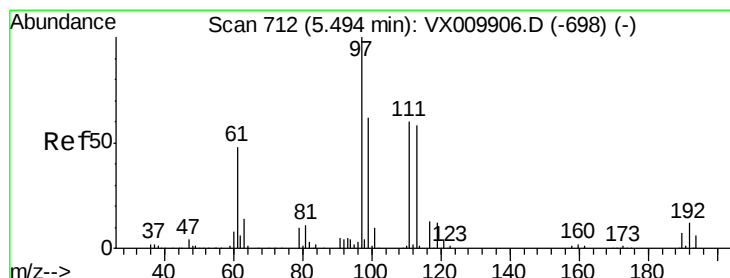
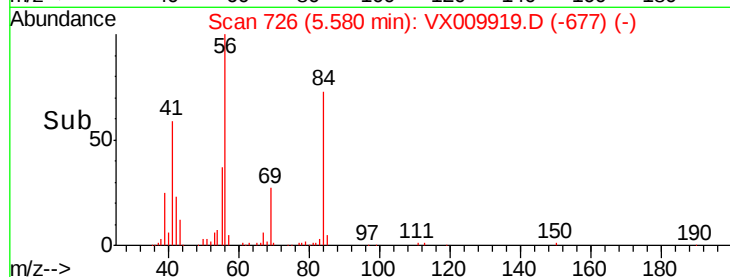
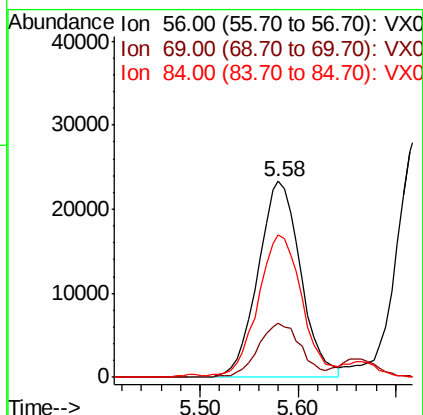
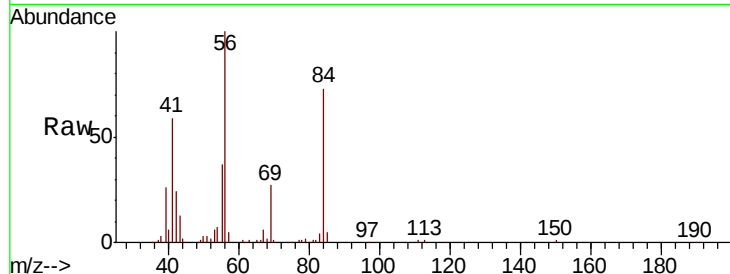




#31
Cyclohexane
Concen: 19.759 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009919.D
Acq: 28 May 2019 16:56

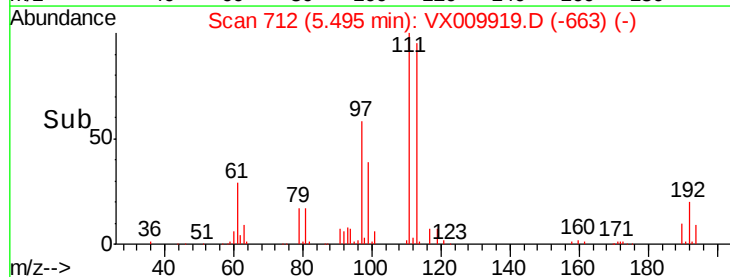
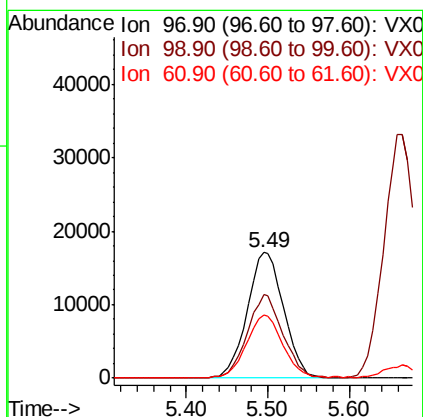
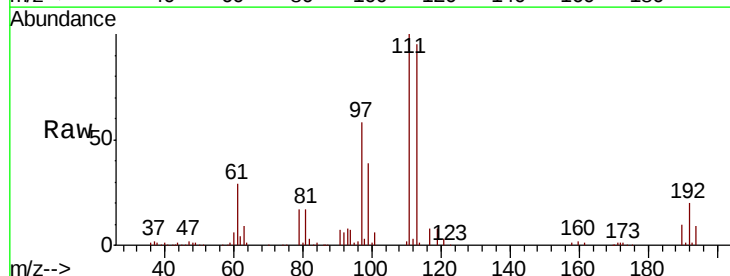
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01

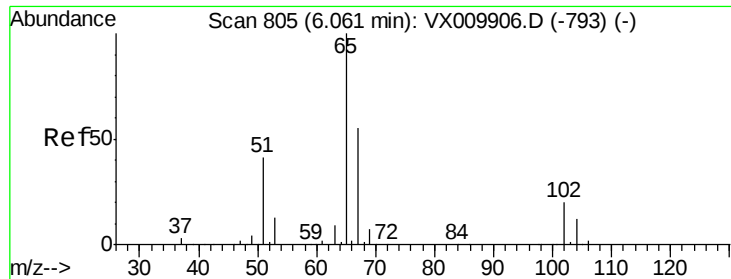
Tot Ion: 56 Resp: 70618
Ion Ratio Lower Upper
56 100
69 27.2 21.6 32.4
84 71.4 56.8 85.2



#32
1,1,1-Trichloroethane
Concen: 19.197 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009919.D
Acq: 28 May 2019 16:56

Tgt Ion: 97 Resp: 53205
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 50.2 38.7 58.1

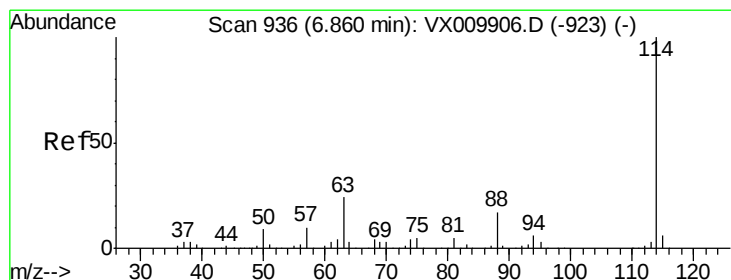
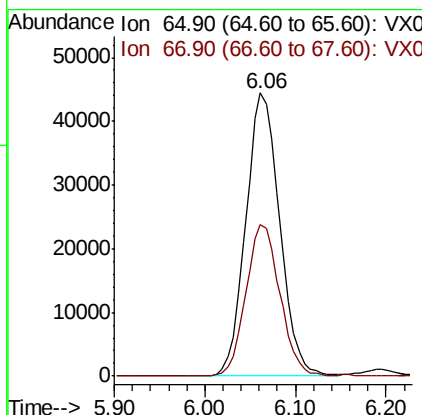
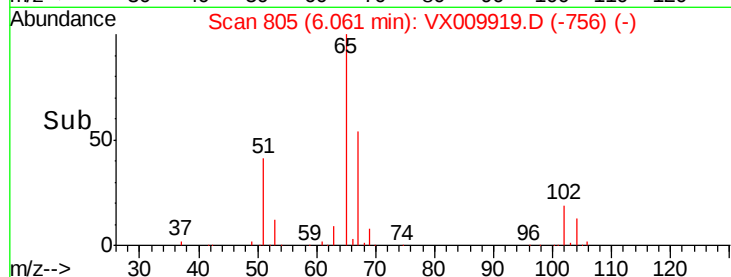
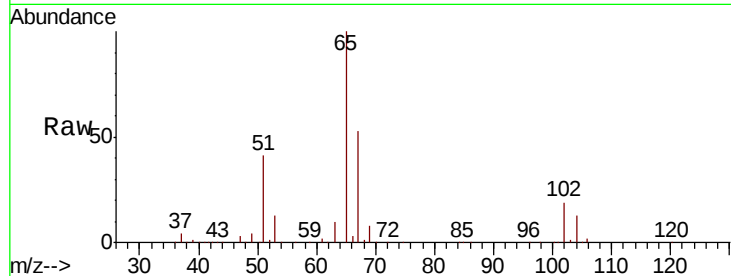




#33
 1,2-Dichloroethane-d4
 Concen: 49.163 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009919.D
 Acq: 28 May 2019 16:56

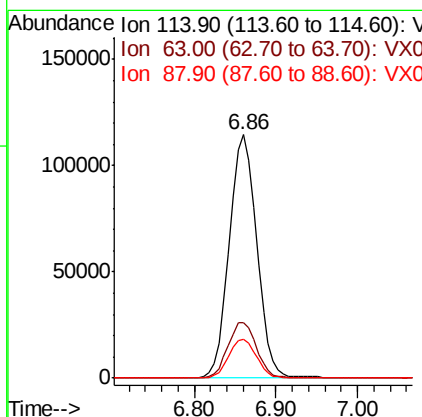
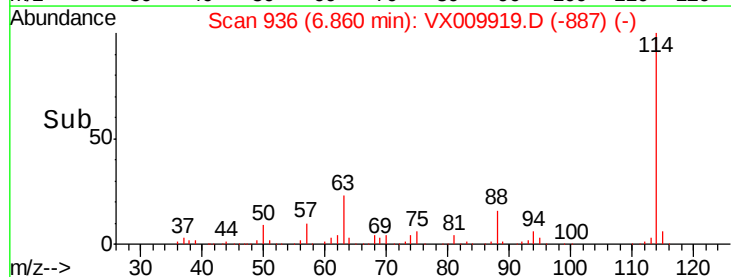
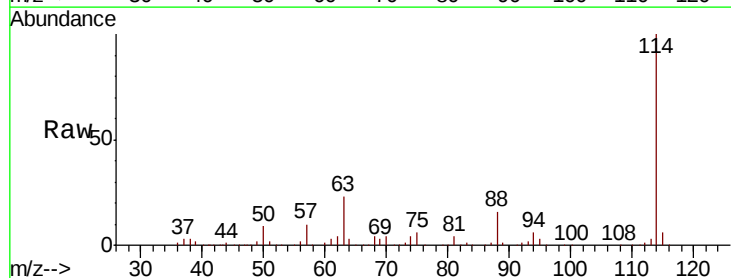
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBSD01

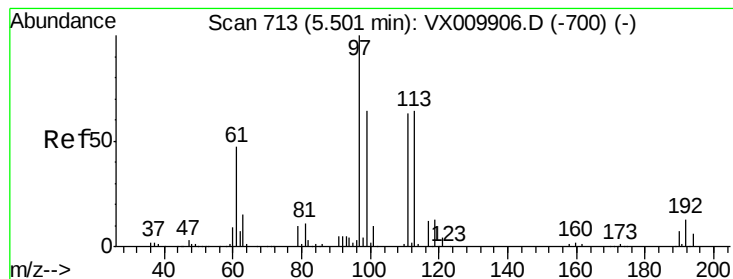
Tot Ion: 65 Resp: 115460
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009919.D
 Acq: 28 May 2019 16:56

Tgt Ion: 114 Resp: 267262
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 47.4
 88 16.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.383 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBSD01

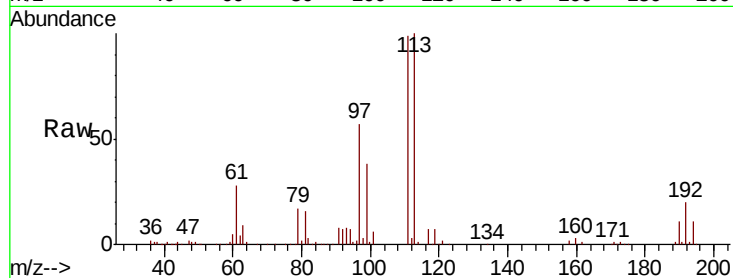
Tot Ion:113 Resp: 82978

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

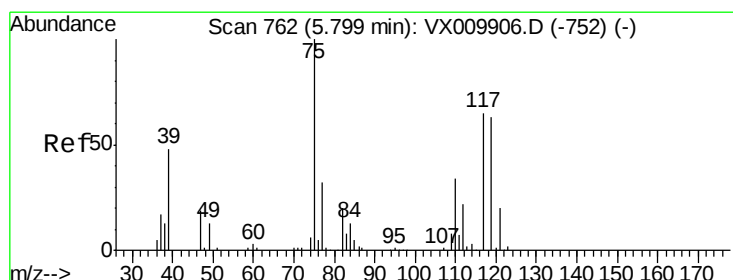
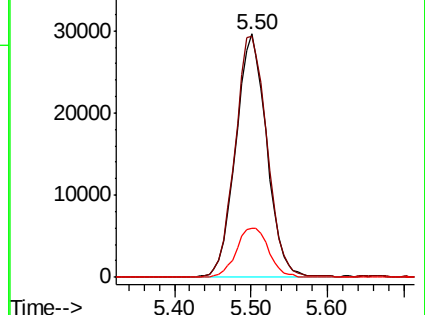
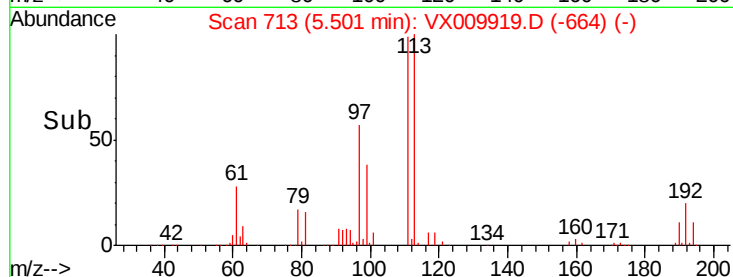
192 21.3 17.1 25.7



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: 18.342 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

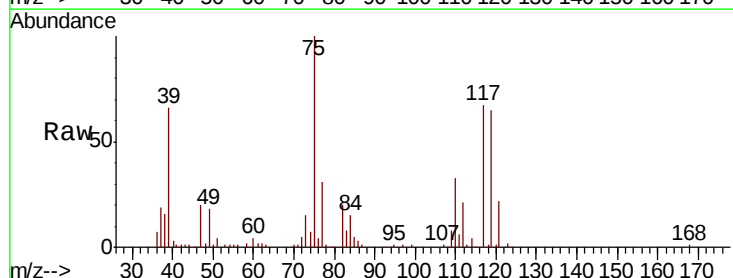
Tgt Ion: 75 Resp: 49739

Ion Ratio Lower Upper

75 100

110 33.0 16.7 50.1

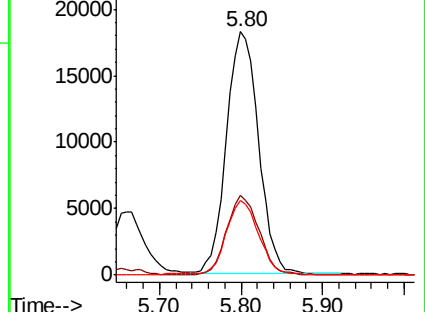
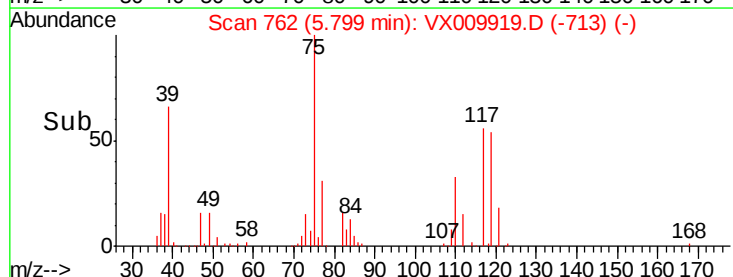
77 31.1 25.0 37.4

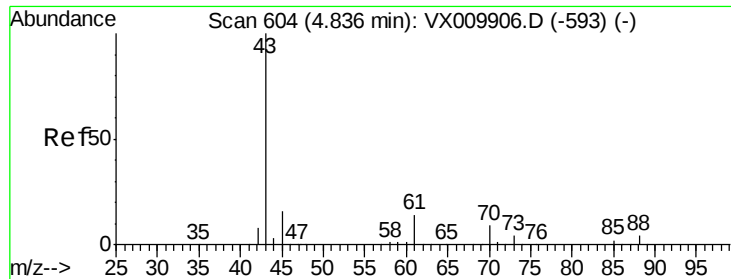


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.947 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBSD01

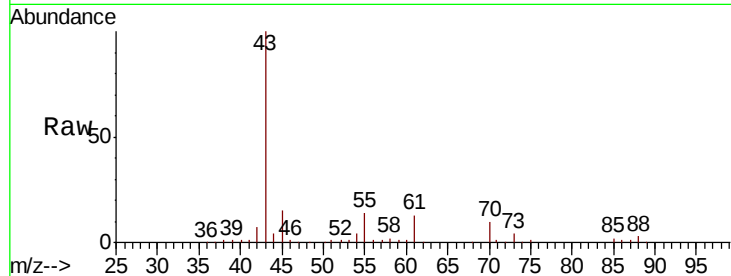
Tot Ion: 43 Resp: 75366

Ion Ratio Lower Upper

43 100

61 12.5 10.2 15.2

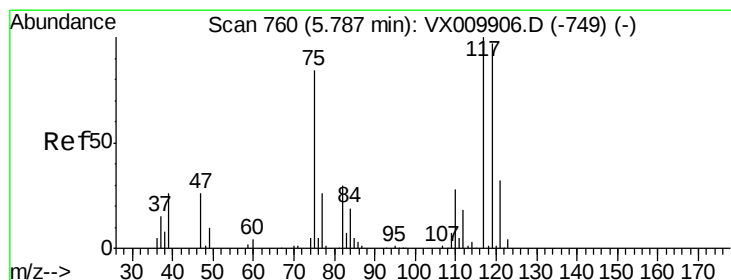
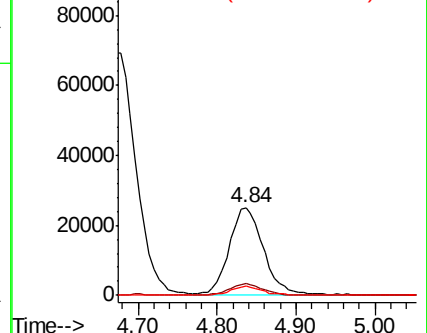
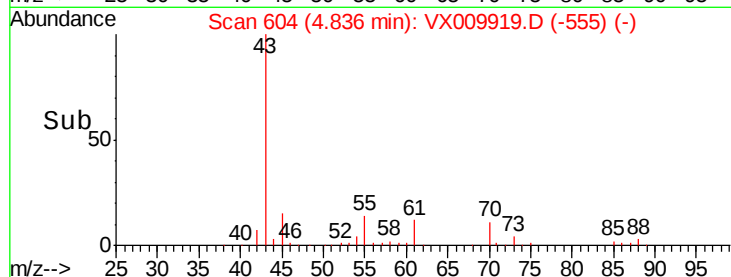
70 9.5 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 18.856 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

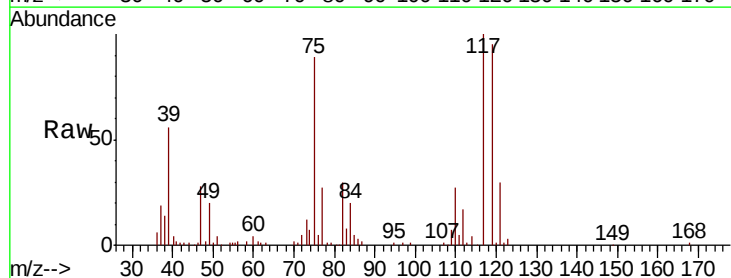
Tgt Ion: 117 Resp: 44184

Ion Ratio Lower Upper

117 100

119 94.8 77.3 115.9

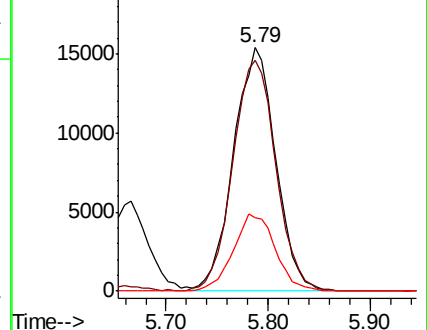
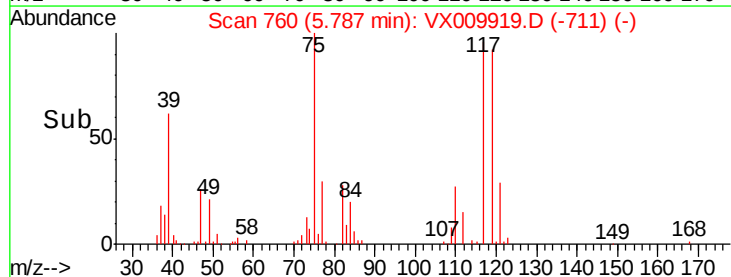
121 30.0 25.4 38.0

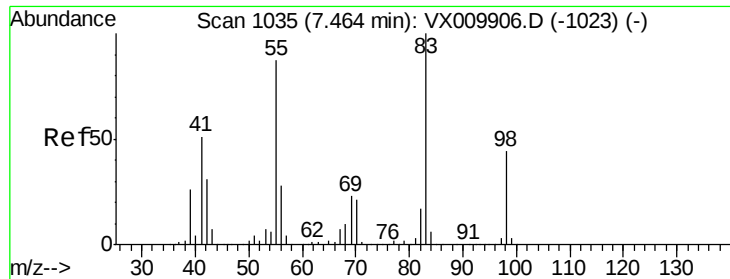


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

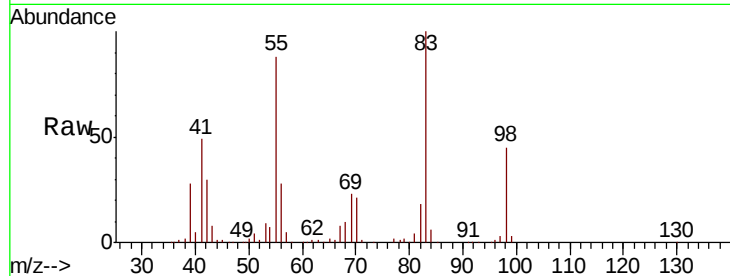




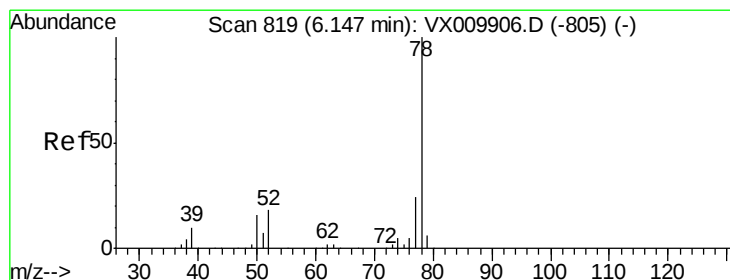
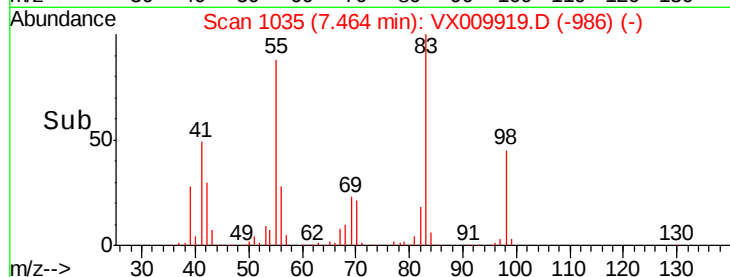
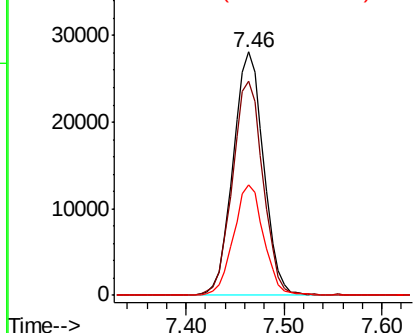
#39
Methvlcvclohexane
Concen: 18.906 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009919.D
Acq: 28 May 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01

Tot Ion: 83 Resp: 60812
Ion Ratio Lower Upper
83 100
55 88.0 69.9 104.9
98 45.4 35.1 52.7

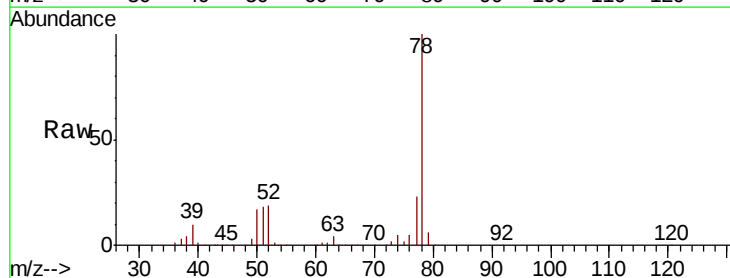


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

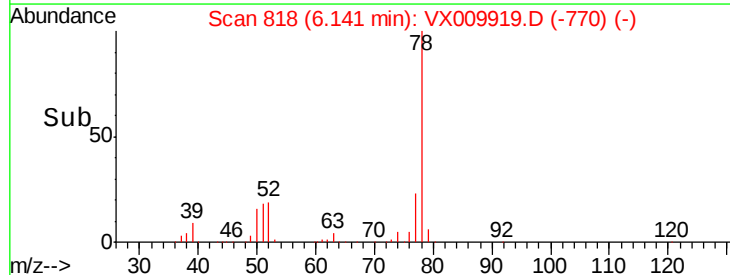
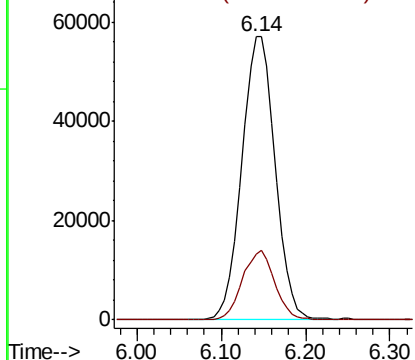


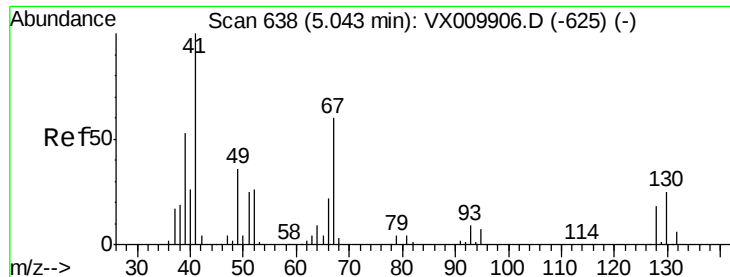
#40
Benzene
Concen: 19.051 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX009919.D
Acq: 28 May 2019 16:56

Tgt Ion: 78 Resp: 153245
Ion Ratio Lower Upper
78 100
77 23.2 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 18.509 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampled :

VX0528WBSD01

Tot Ion: 41 Resp: 40865

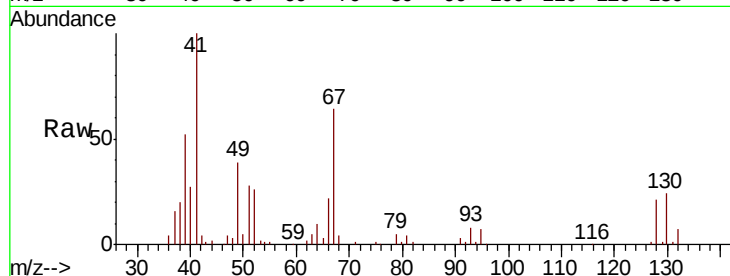
Ion Ratio Lower Upper

41 100

39 54.8 42.2 63.4

67 62.8 48.9 73.3

52 27.2 20.1 30.1

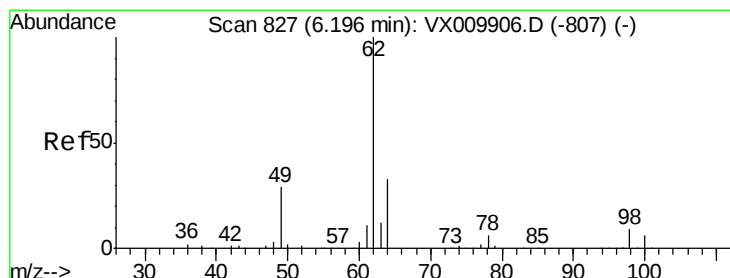
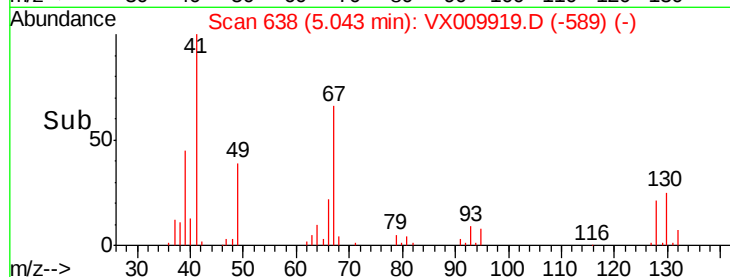
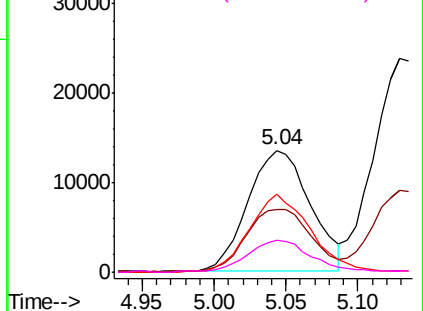


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.971 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX009919.D

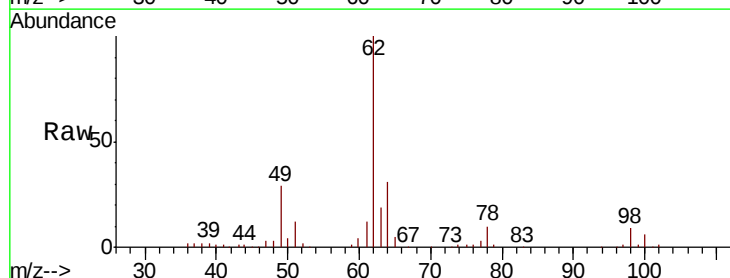
Acq: 28 May 2019 16:56

Tgt Ion: 62 Resp: 56416

Ion Ratio Lower Upper

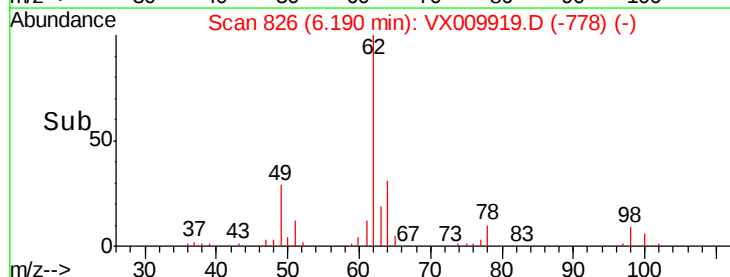
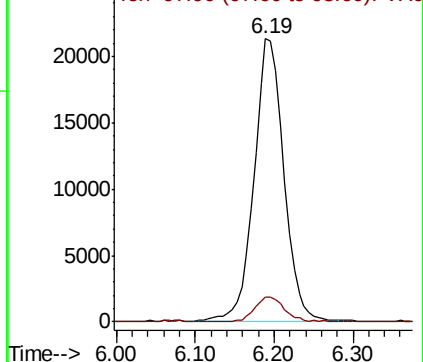
62 100

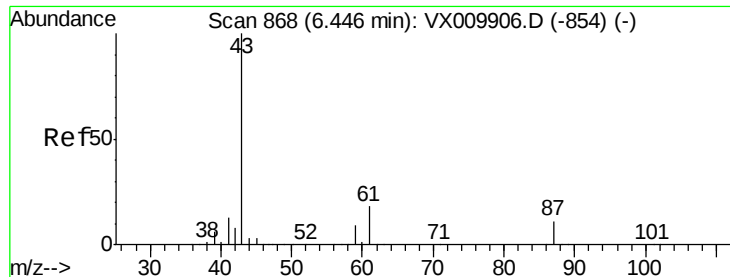
98 8.8 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



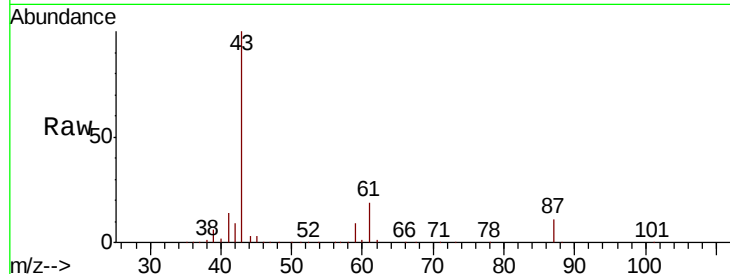


#43

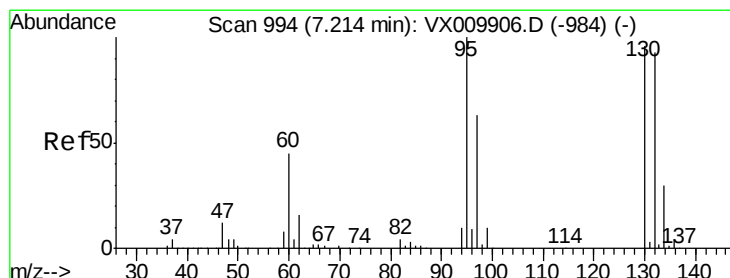
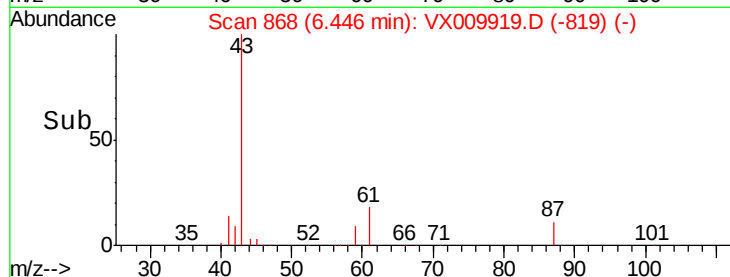
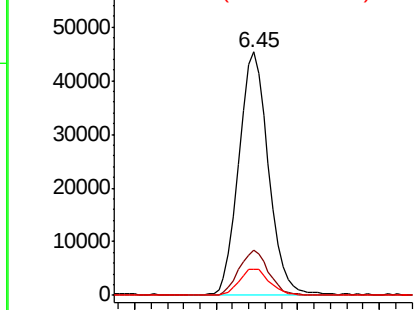
Isopropyl Acetate
 Concen: 18.666 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX009919.D
 Acq: 28 May 2019 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBSD01

Tot Ion: 43 Resp: 113796
 Ion Ratio Lower Upper
 43 100
 61 18.6 14.6 21.8
 87 11.1 8.7 13.1



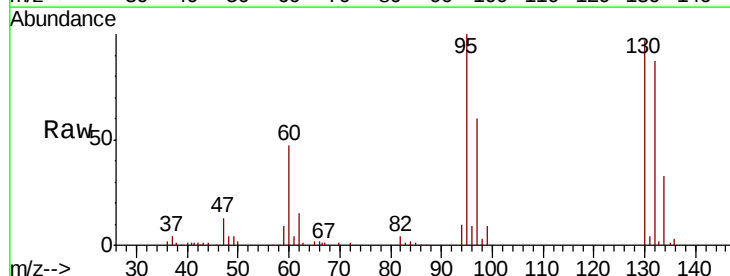
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



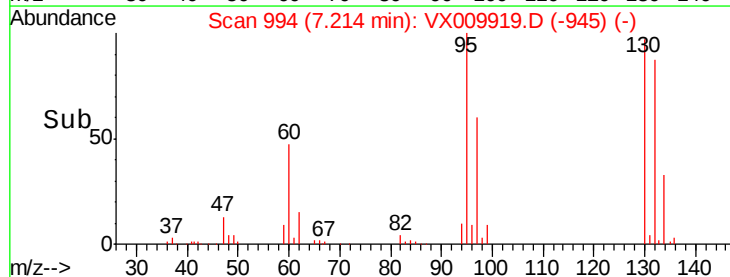
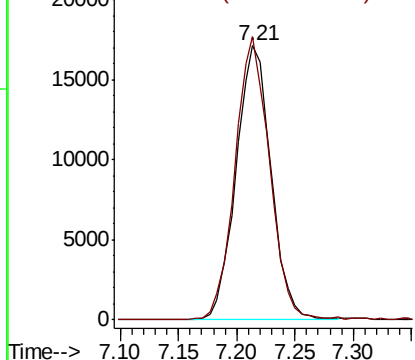
#44

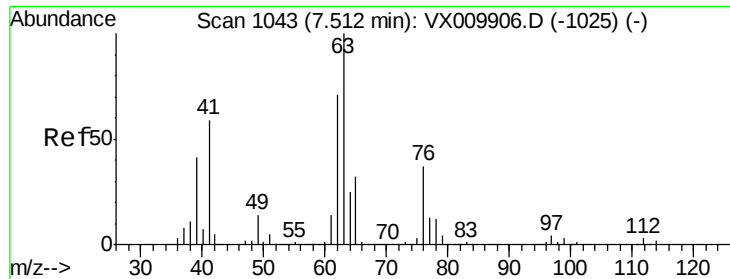
Trichloroethene
 Concen: 18.446 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009919.D
 Acq: 28 May 2019 16:56

Tgt Ion: 130 Resp: 36042
 Ion Ratio Lower Upper
 130 100
 95 103.4 0.0 207.4



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





#45

1,2-Dichloropropane

Concen: 18.890 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

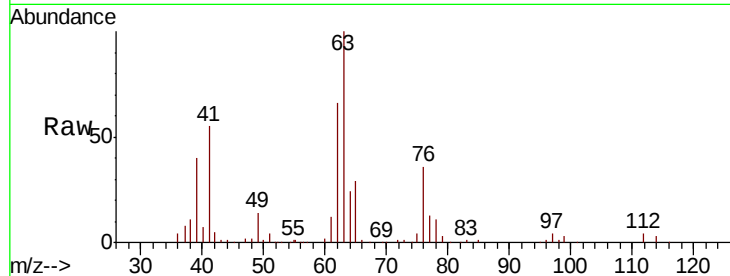
VX0528WBSD01

Tot Ion: 63 Resp: 43742

Ion Ratio Lower Upper

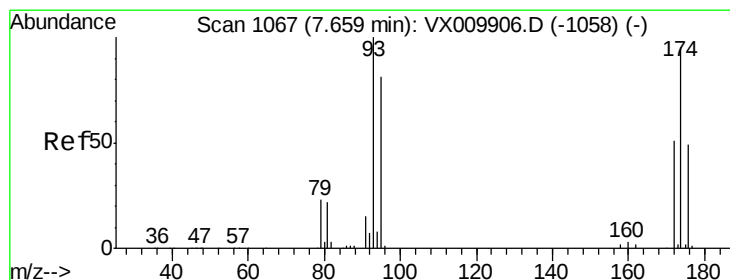
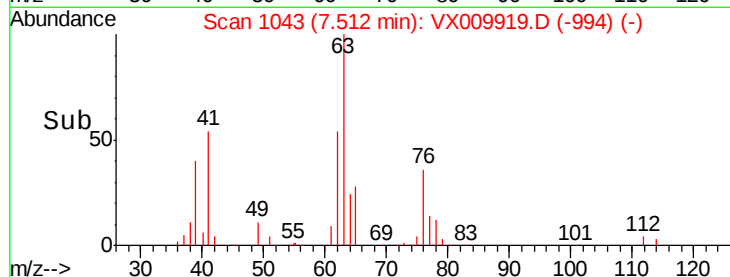
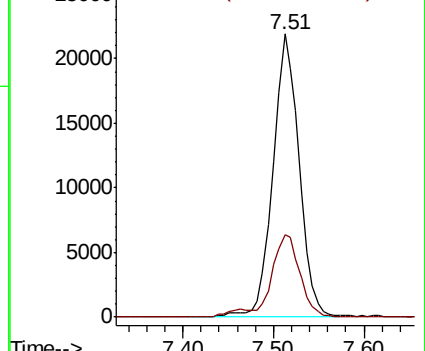
63 100

65 29.1 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.798 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

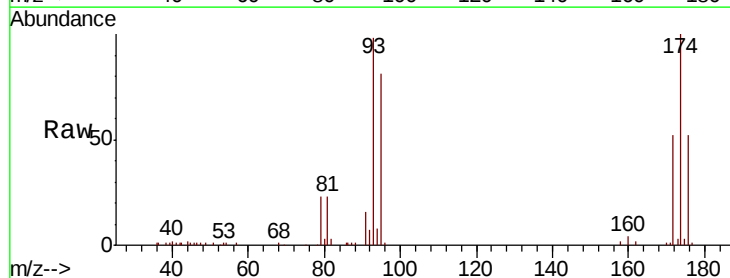
Tgt Ion: 93 Resp: 24259

Ion Ratio Lower Upper

93 100

95 83.8 66.8 100.2

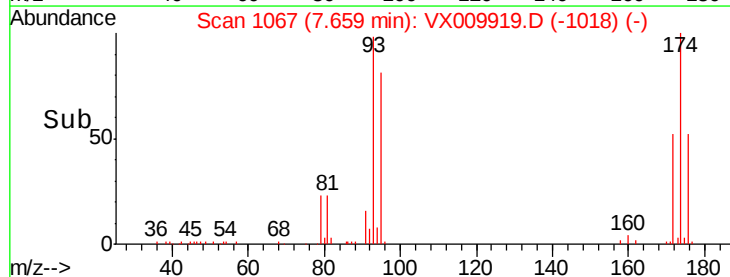
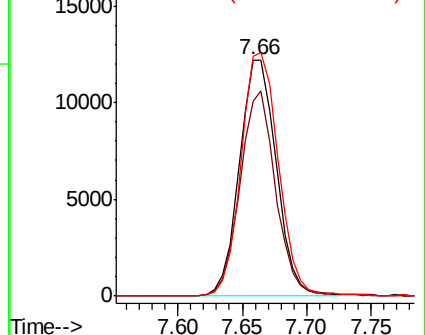
174 104.4 81.9 122.9

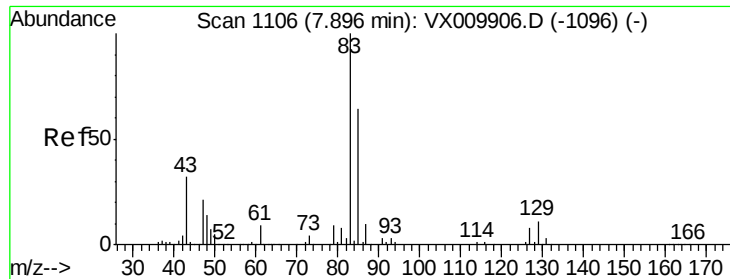


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.810 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampled :

VX0528WBSD01

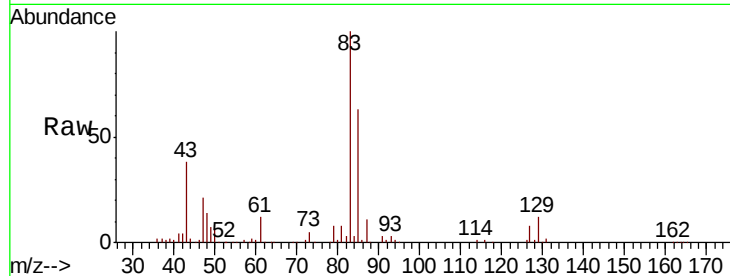
Tot Ion: 83 Resp: 48756

Ion Ratio Lower Upper

83 100

85 63.0 51.4 77.2

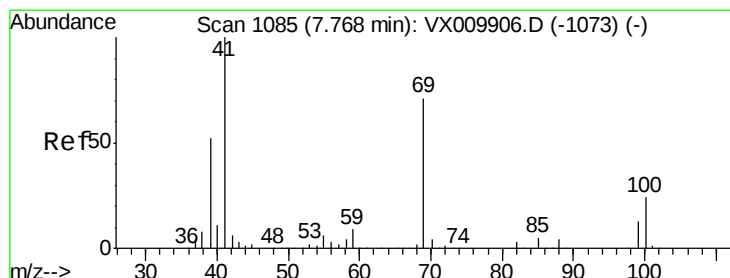
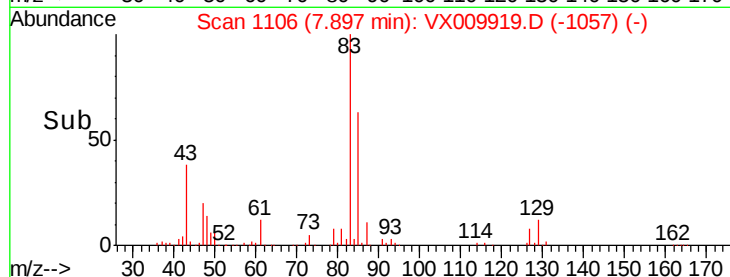
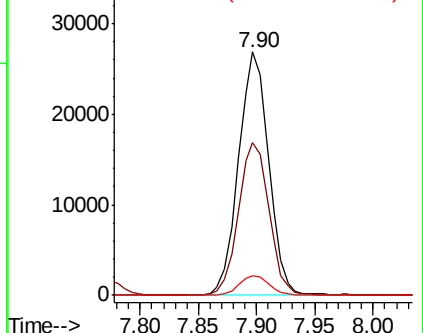
127 7.8 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.843 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

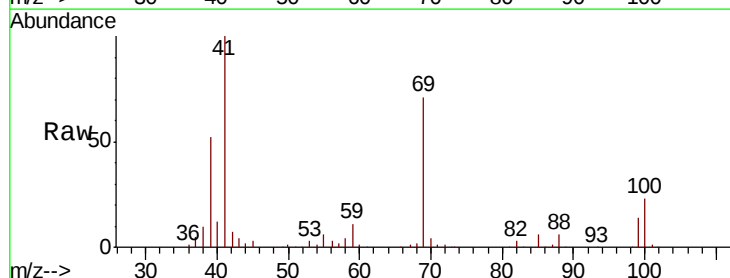
Tgt Ion: 41 Resp: 56869

Ion Ratio Lower Upper

41 100

69 71.4 56.4 84.6

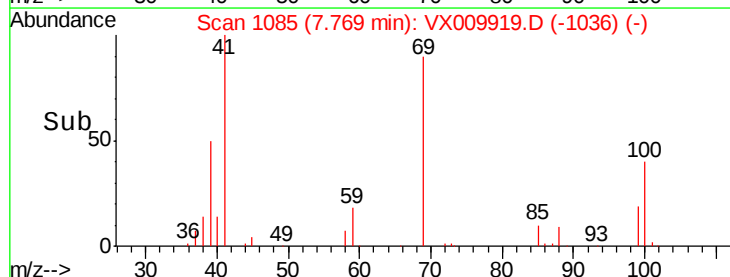
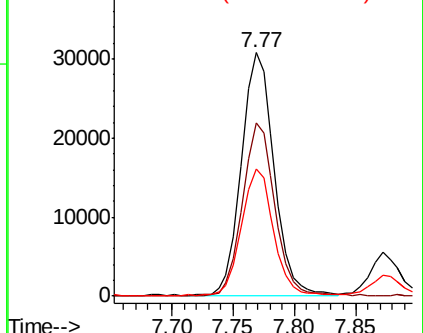
39 51.0 40.6 60.8

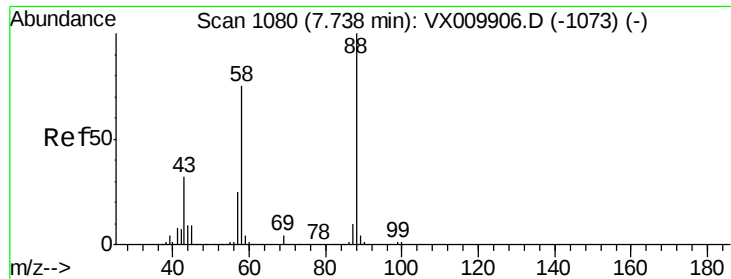


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

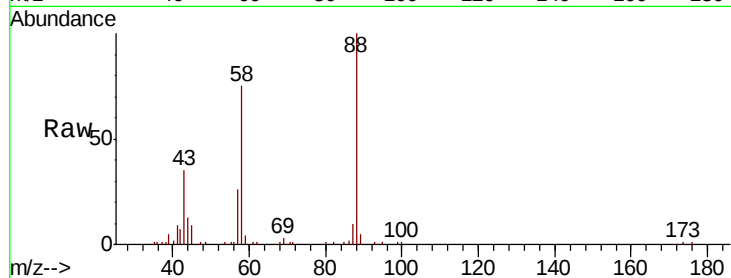




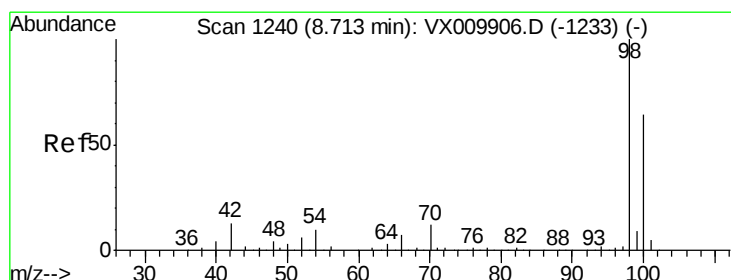
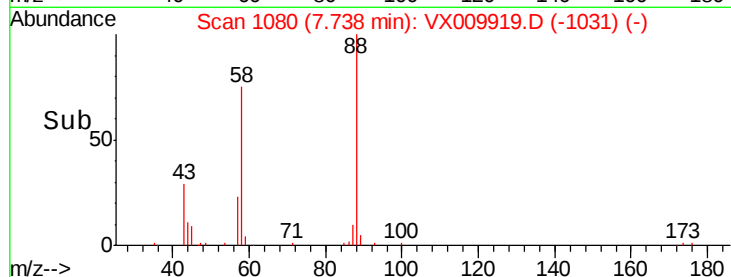
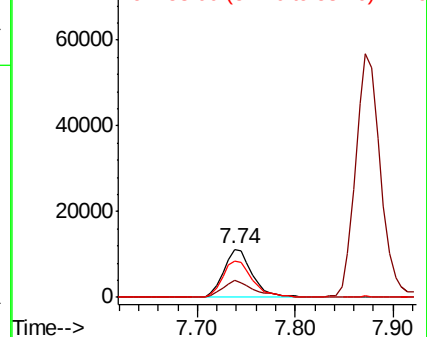
#49
1,4-Dioxane
Concen: 401.616 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009919.D
Acq: 28 May 2019 16:56

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01

Tot Ion: 88 Resp: 22546
Ion Ratio Lower Upper
88 100
43 37.4 30.2 45.4
58 79.0 64.0 96.0

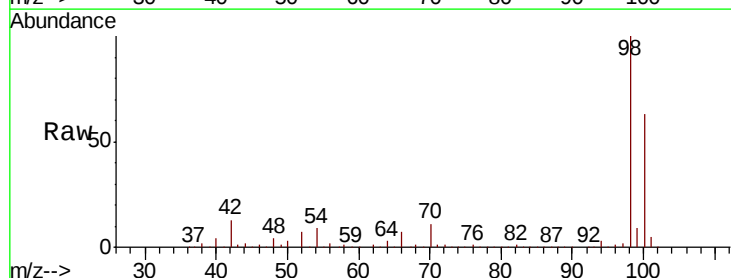


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

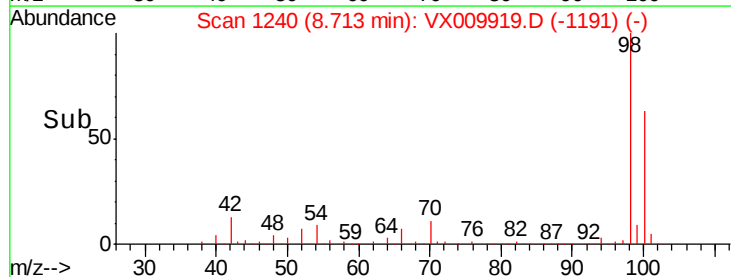
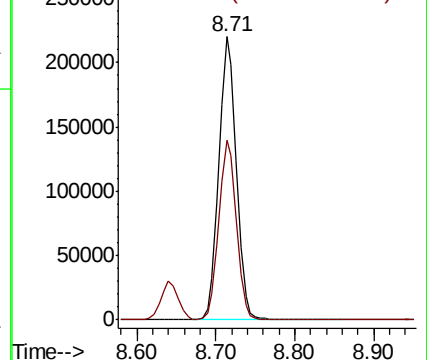


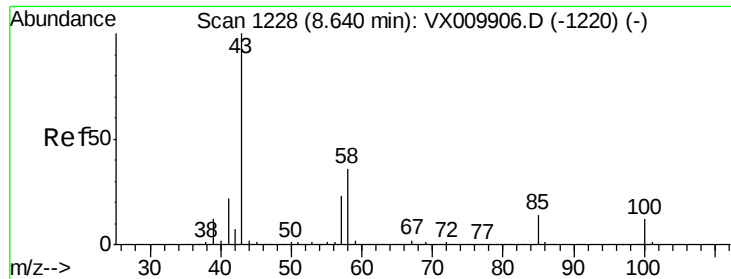
#50
Toluene-d8
Concen: 49.989 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009919.D
Acq: 28 May 2019 16:56

Tgt Ion: 98 Resp: 341090
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3



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





#51

4-Methyl-2-Pentanone

Concen: 96.197 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

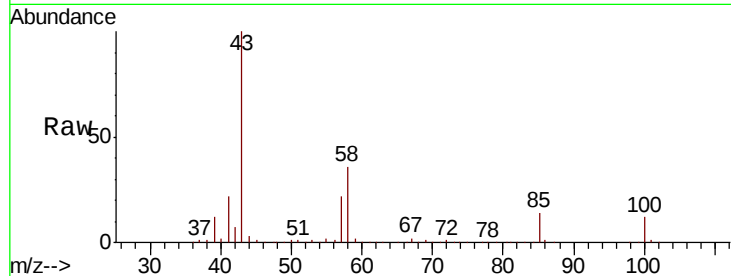
VX0528WBSD01

Tot Ion: 43 Resp: 381511

Ion Ratio Lower Upper

43 100

58 36.0 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

250000

200000

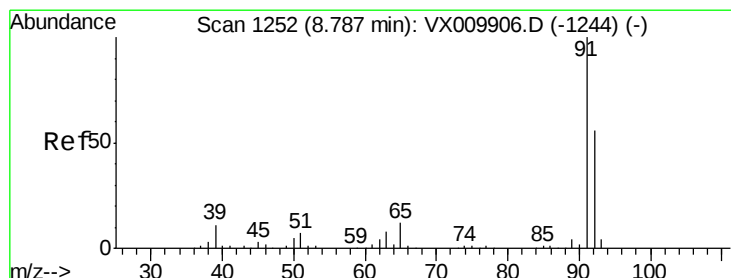
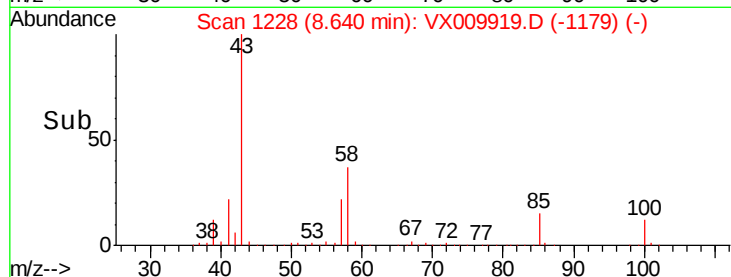
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.057 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009919.D

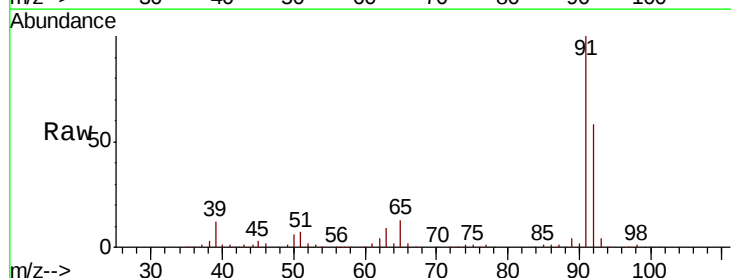
Acq: 28 May 2019 16:56

Tgt Ion: 92 Resp: 93077

Ion Ratio Lower Upper

92 100

91 173.6 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

120000

100000

80000

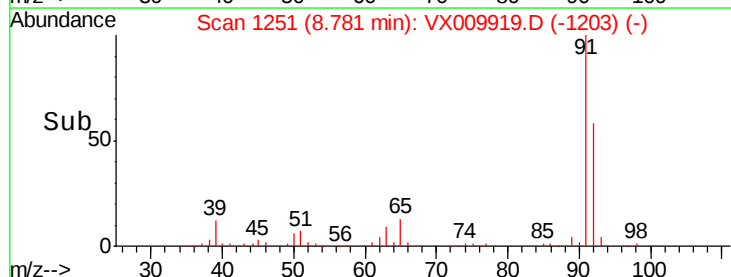
60000

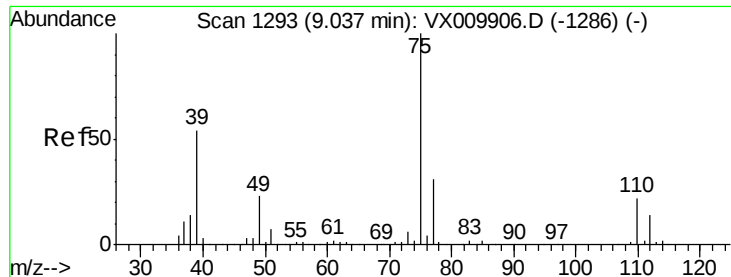
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.653 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

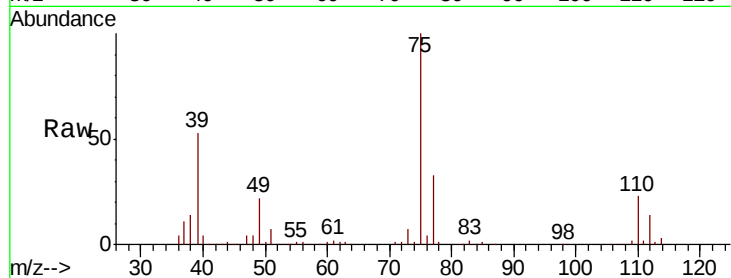
VX0528WBSD01

Tot Ion: 75 Resp: 54874

Ion Ratio Lower Upper

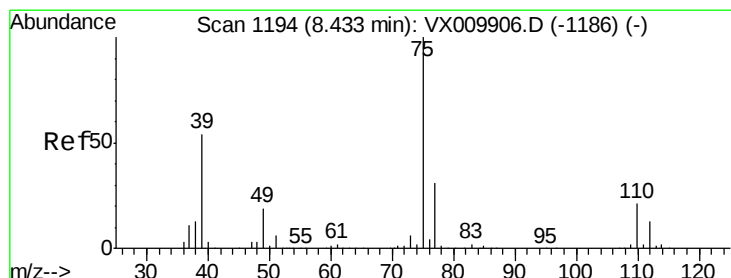
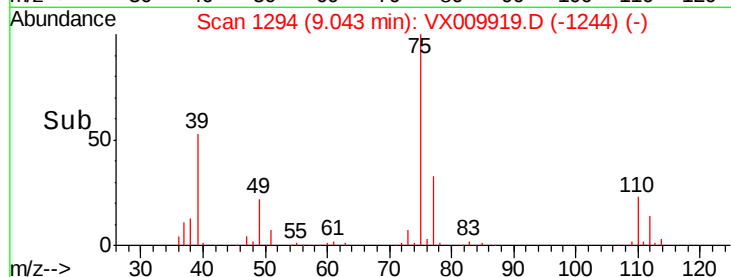
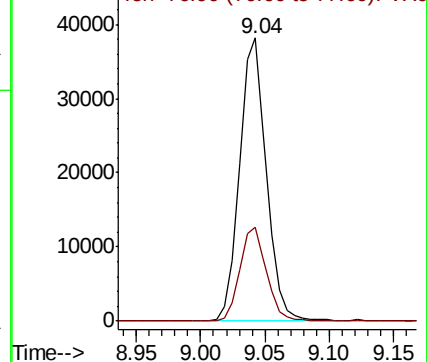
75 100

77 33.1 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.233 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

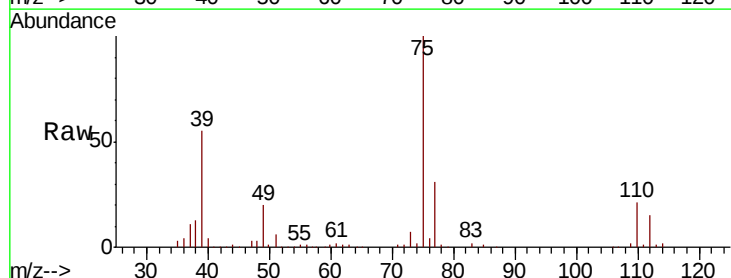
Tgt Ion: 75 Resp: 61755

Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

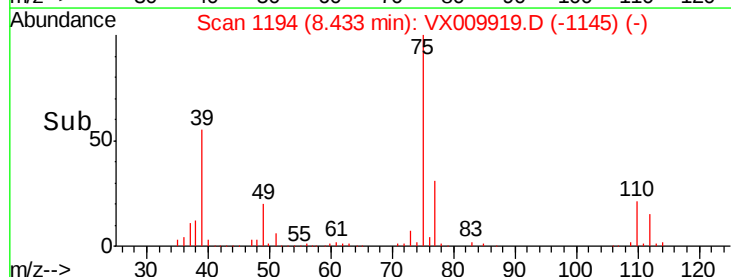
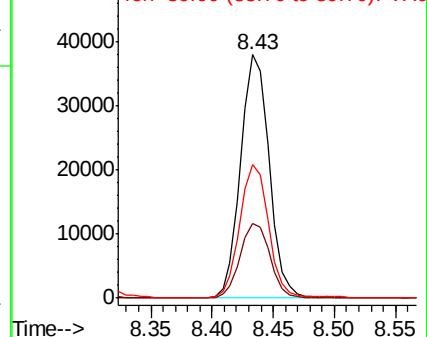
39 54.6 43.4 65.0

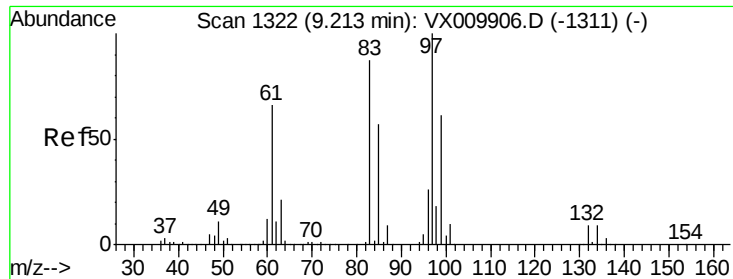


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

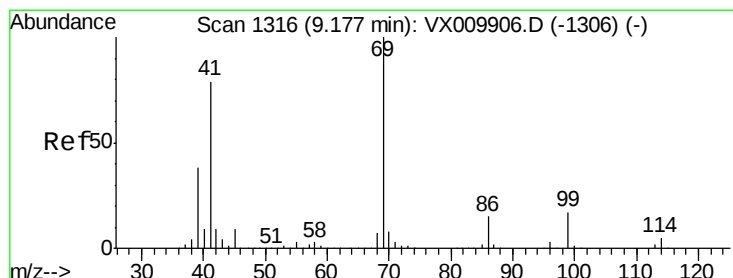
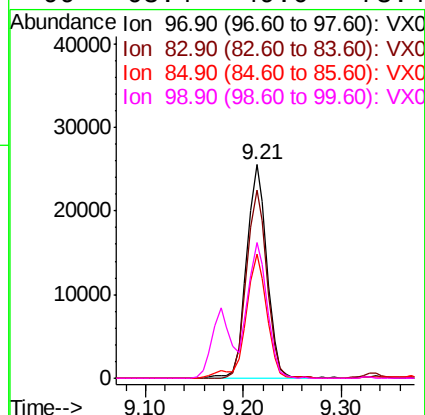
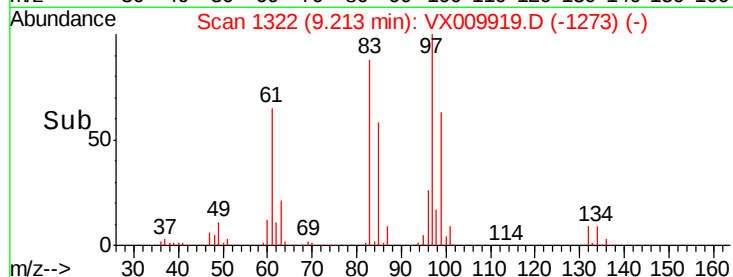
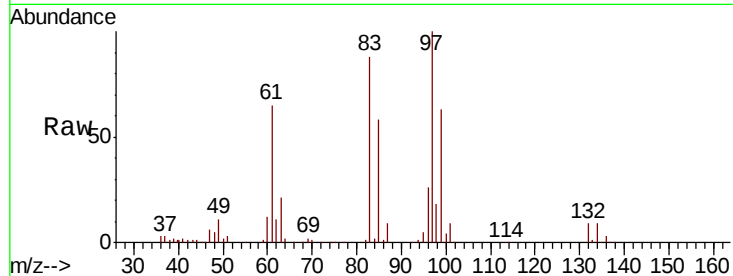




#55
 1,1,2-Trichloroethane
 Concen: 18.872 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009919.D
 Acq: 28 May 2019 16:56

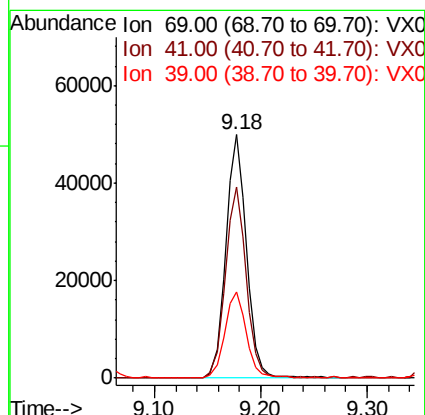
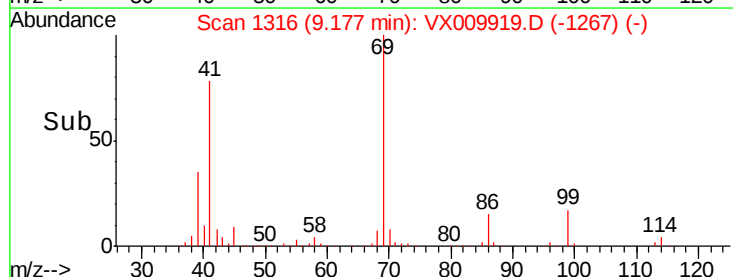
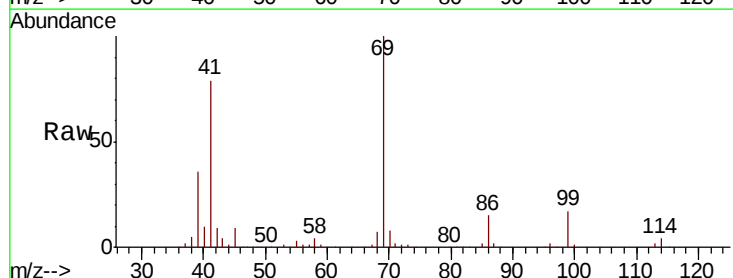
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBSD01

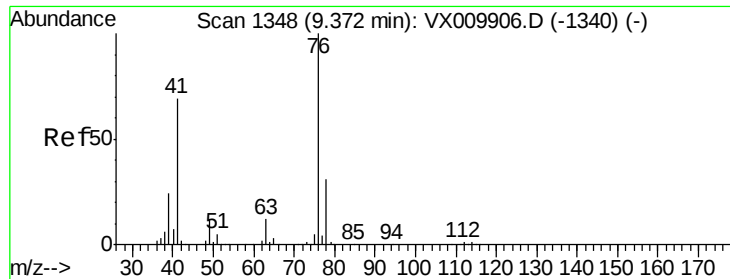
Tot Ion: 97 Resp: 37098
 Ion Ratio Lower Upper
 97 100
 83 87.9 69.8 104.8
 85 57.9 45.3 67.9
 99 63.4 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 19.379 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009919.D
 Acq: 28 May 2019 16:56

Tgt Ion: 69 Resp: 67820
 Ion Ratio Lower Upper
 69 100
 41 79.4 62.7 94.1
 39 36.0 29.5 44.3





#57

1,3-Dichloropropane

Concen: 18.424 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

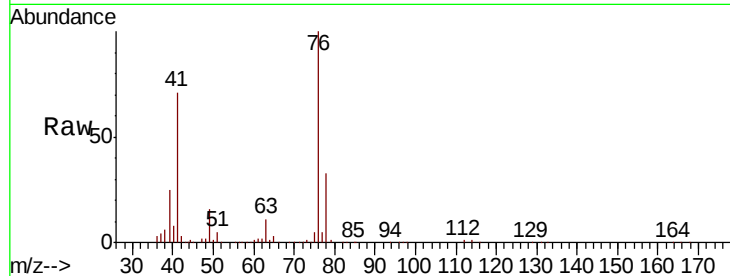
VX0528WBSD01

Tot Ion: 76 Resp: 65043

Ion Ratio Lower Upper

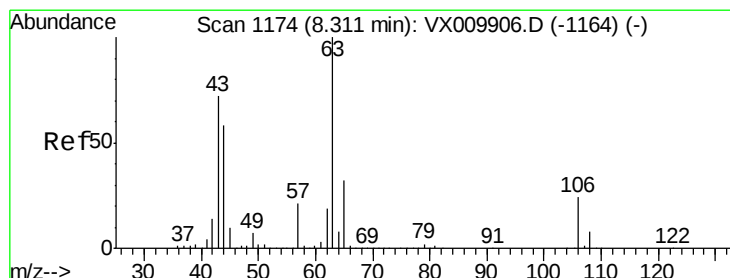
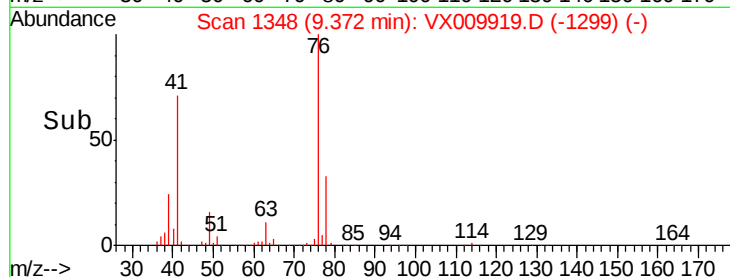
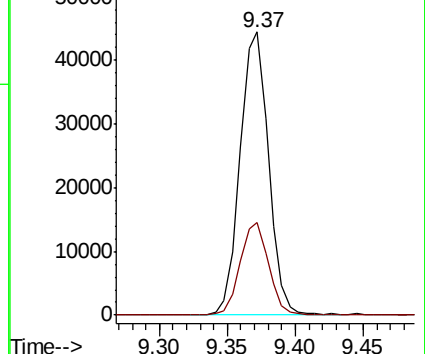
76 100

78 32.7 25.4 38.0



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: 100.742 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009919.D

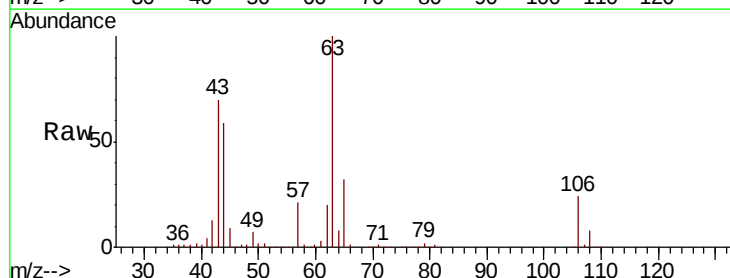
Acq: 28 May 2019 16:56

Tgt Ion: 63 Resp: 184877

Ion Ratio Lower Upper

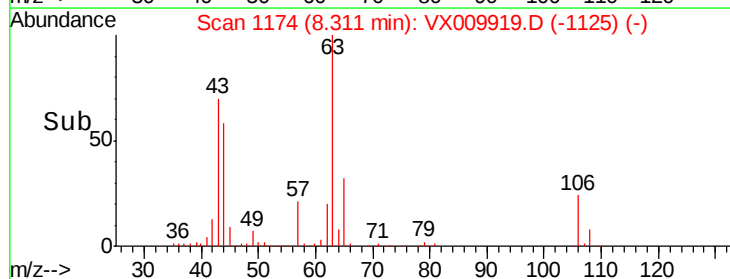
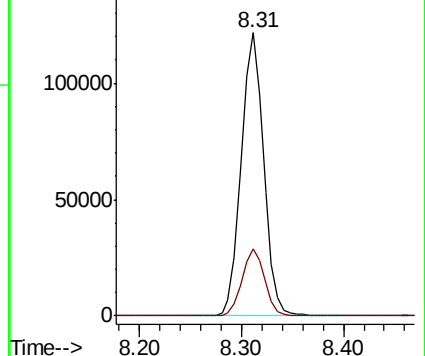
63 100

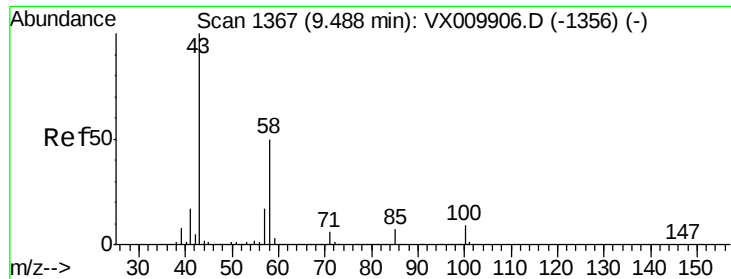
106 23.7 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

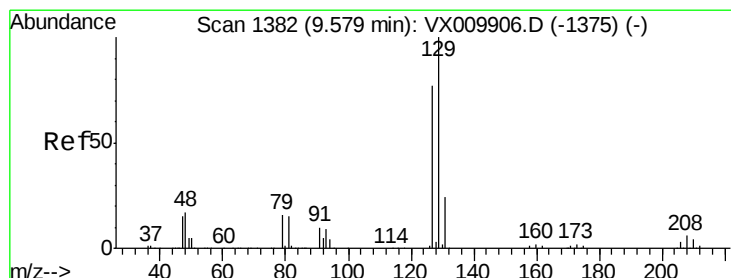
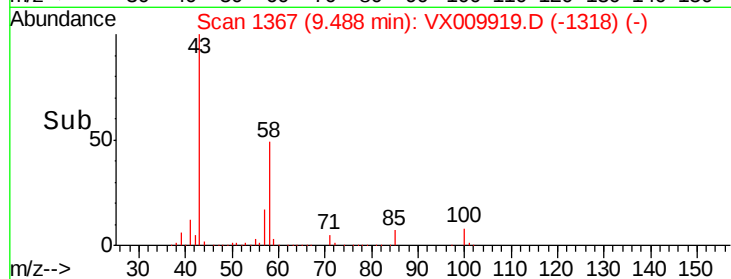
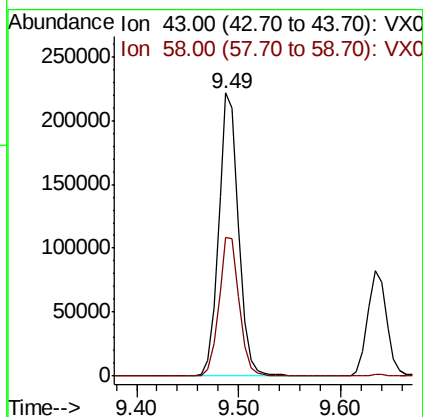
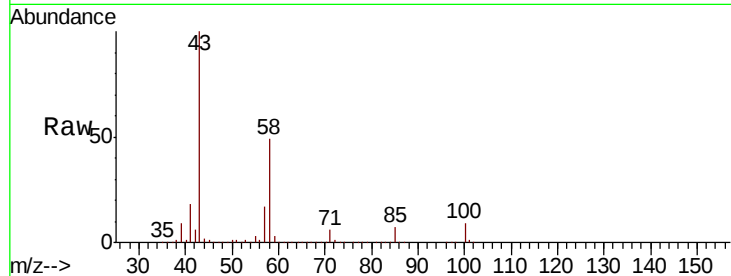




#59
2-Hexanone
Concen: 98.815 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009919.D
Acq: 28 May 2019 16:56

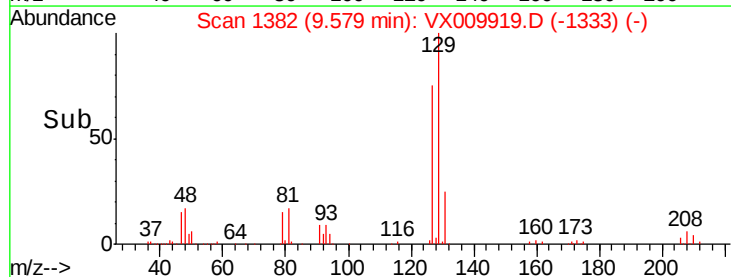
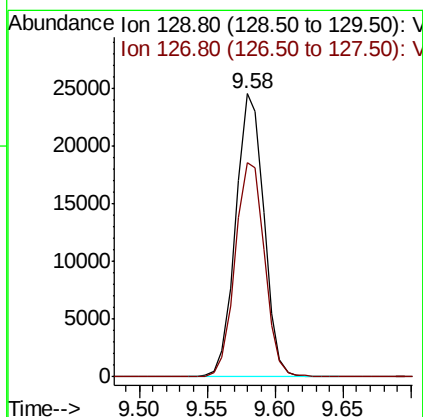
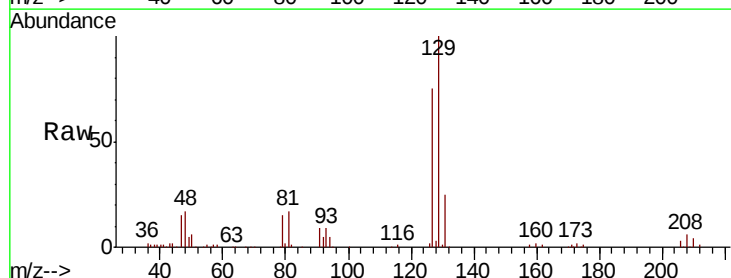
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01

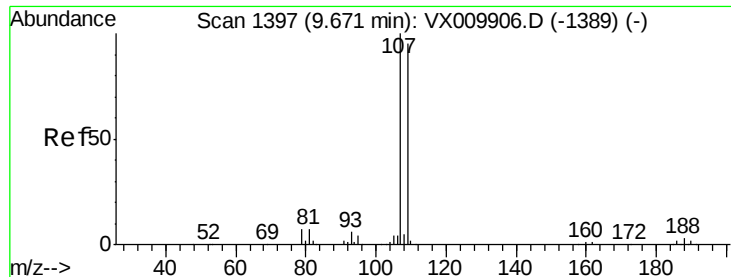
Tot Ion: 43 Resp: 301720
Ion Ratio Lower Upper
43 100
58 50.0 25.1 75.3



#60
Dibromochloromethane
Concen: 18.319 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009919.D
Acq: 28 May 2019 16:56

Tgt Ion: 129 Resp: 35423
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.734 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

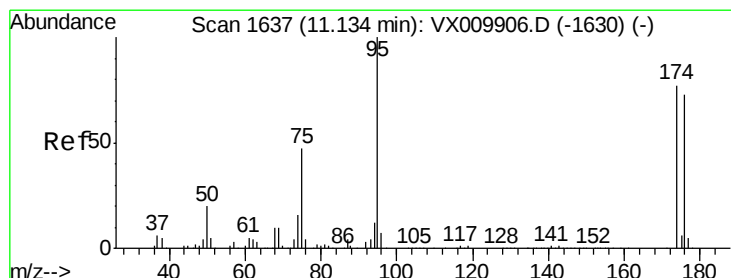
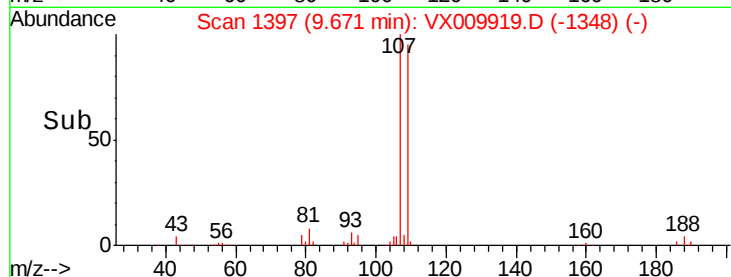
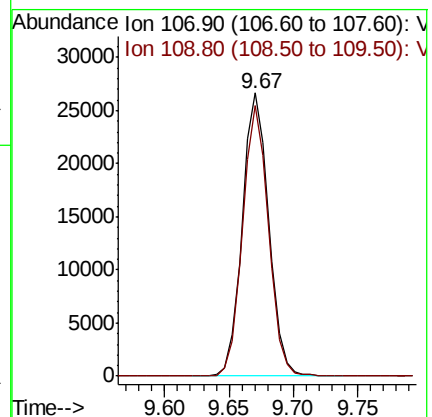
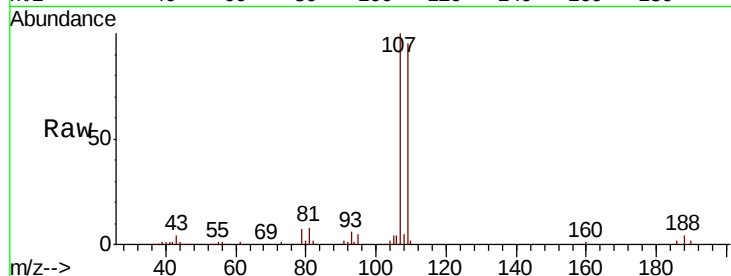
VX0528WBSD01

Tot Ion:107 Resp: 37835

Ion Ratio Lower Upper

107 100

109 93.8 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 49.821 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

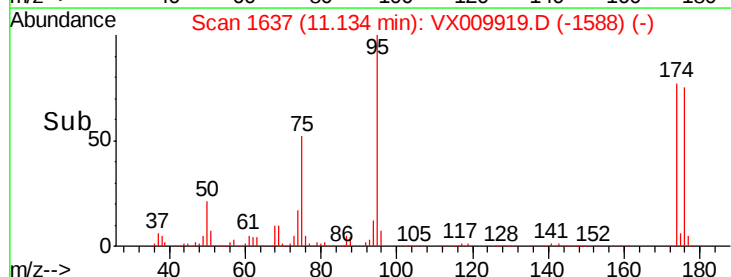
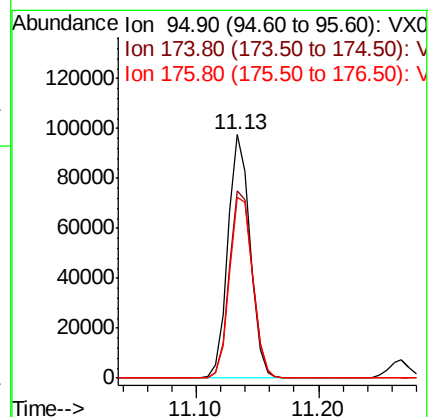
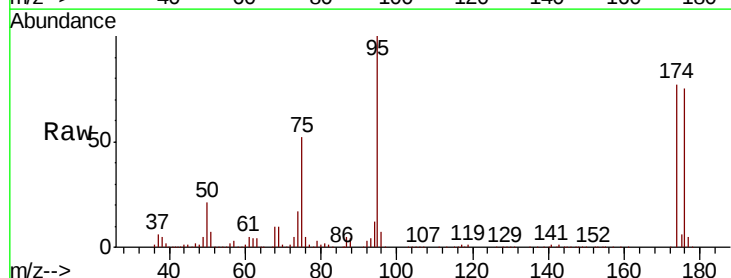
Tgt Ion: 95 Resp: 122101

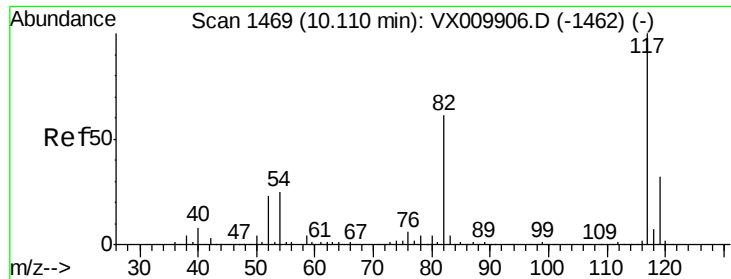
Ion Ratio Lower Upper

95 100

174 79.9 0.0 160.4

176 77.6 0.0 154.6

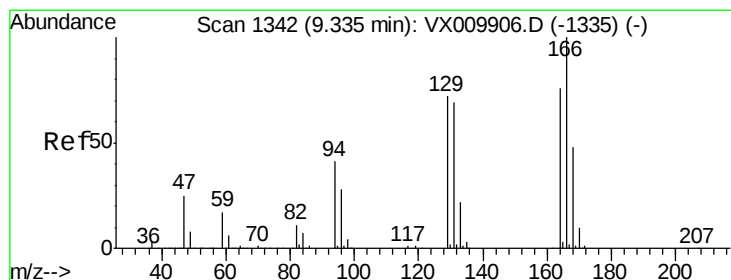
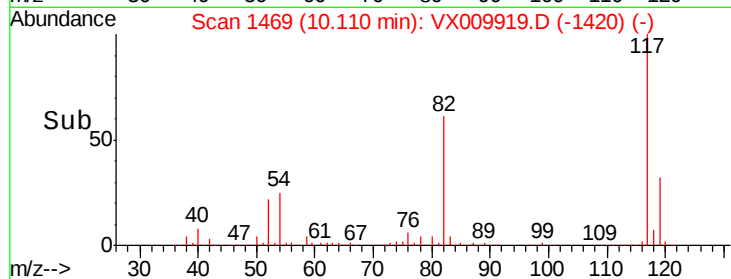
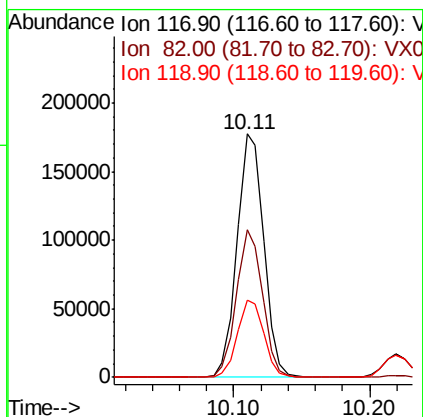
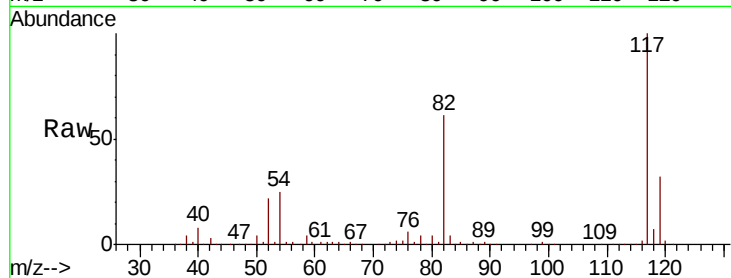




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009919.D
Acq: 28 May 2019 16:56

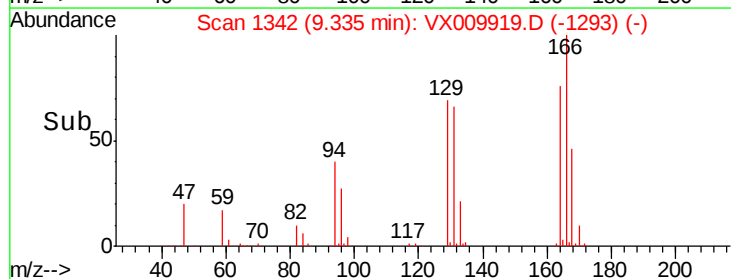
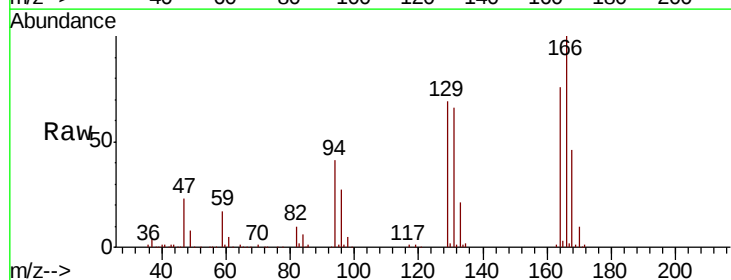
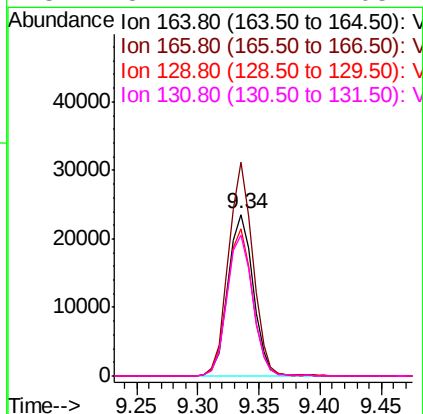
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01

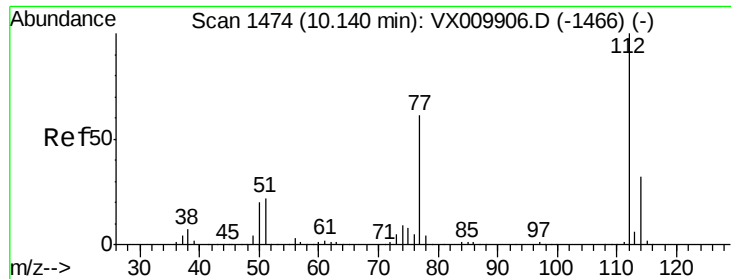
Tot Ion:117 Resp: 242820
Ion Ratio Lower Upper
117 100
82 60.7 49.2 73.8
119 31.9 25.2 37.8



#64
Tetrachloroethene
Concen: 19.847 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009919.D
Acq: 28 May 2019 16:56

Tgt Ion:164 Resp: 33663
Ion Ratio Lower Upper
164 100
166 132.2 105.0 157.4
129 90.9 75.1 112.7
131 87.2 72.2 108.4

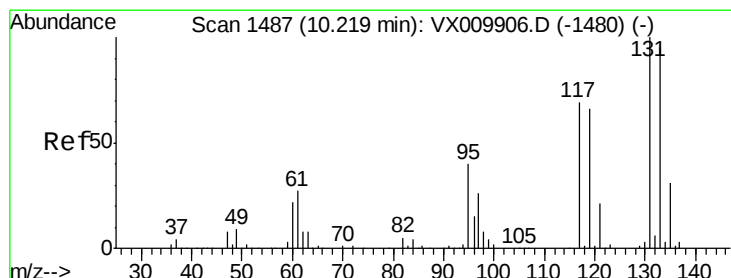
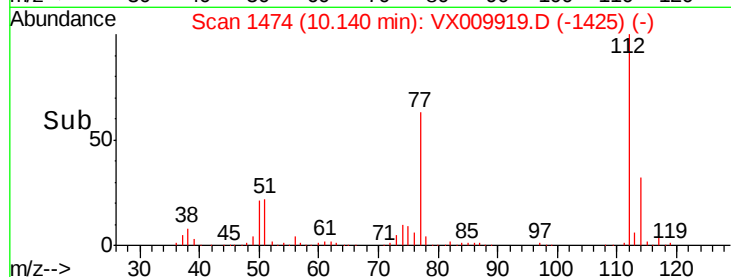
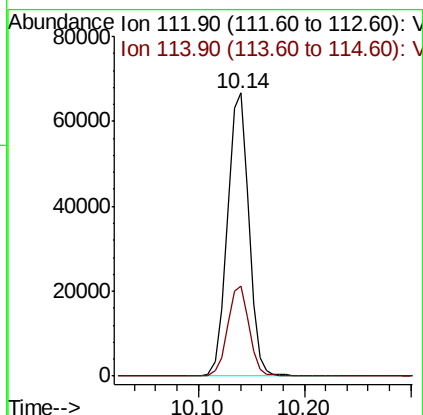
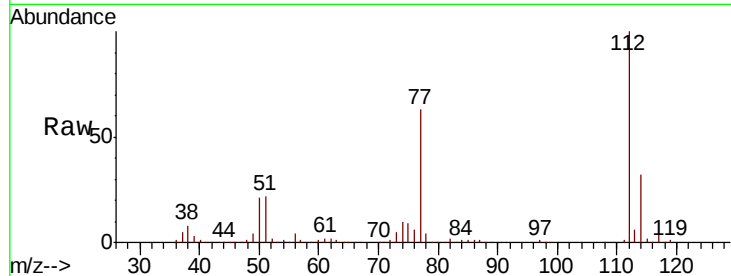




#65
Chlorobenzene
Concen: 18.530 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX009919.D
Acq: 28 May 2019 16:56

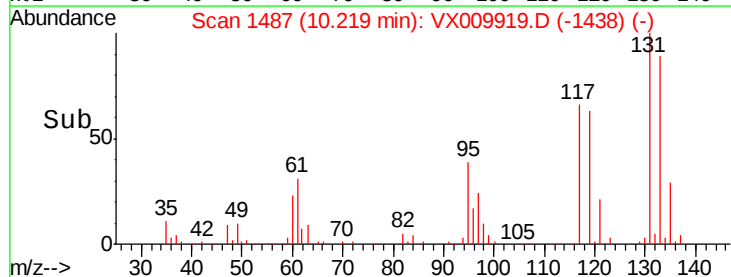
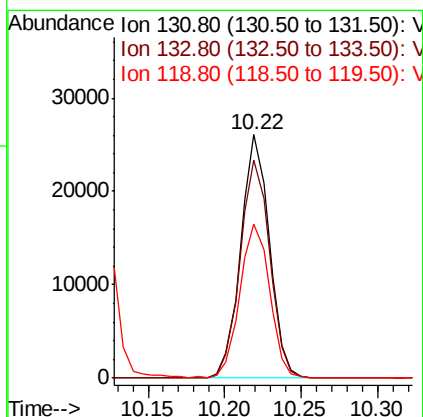
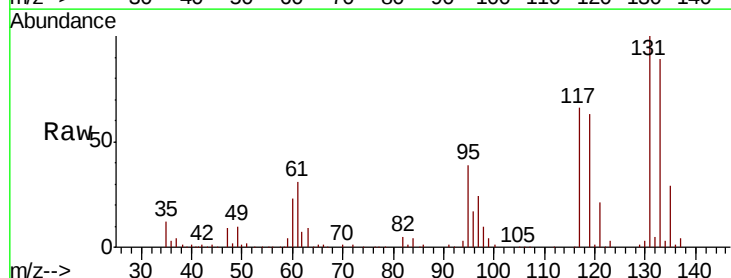
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01

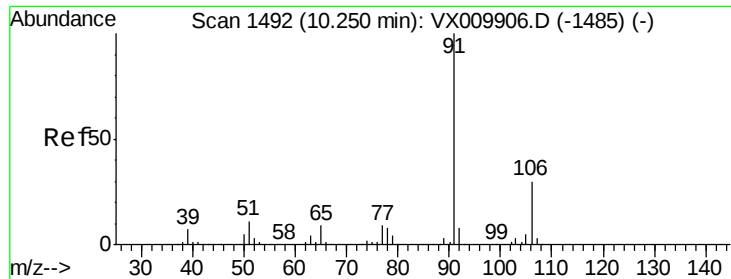
Tot Ion:112 Resp: 94198
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.258 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009919.D
Acq: 28 May 2019 16:56

Tgt Ion:131 Resp: 33955
Ion Ratio Lower Upper
131 100
133 92.6 47.5 142.6
119 66.1 33.4 100.1

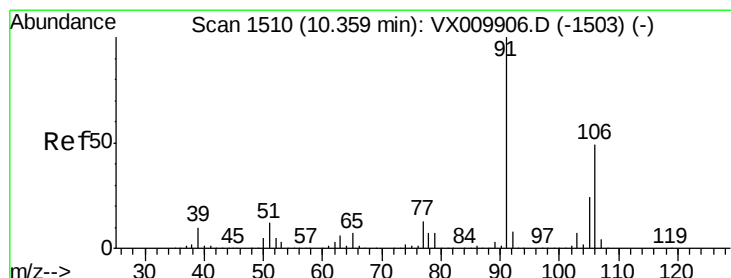
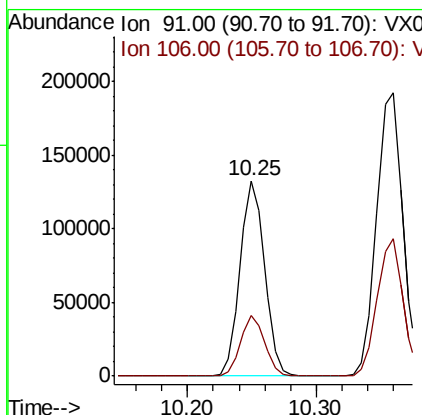
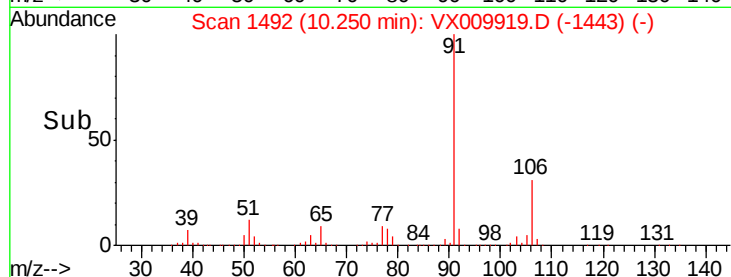
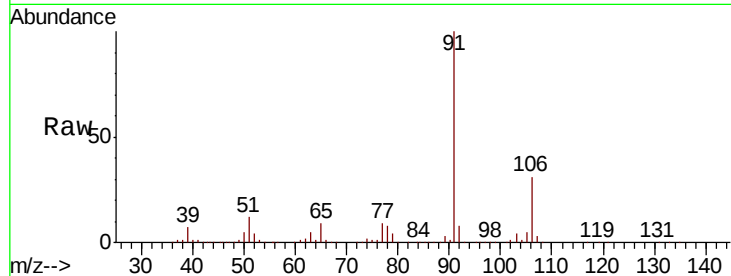




#67
Ethyl Benzene
Concen: 19.230 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009919.D
Acq: 28 May 2019 16:56

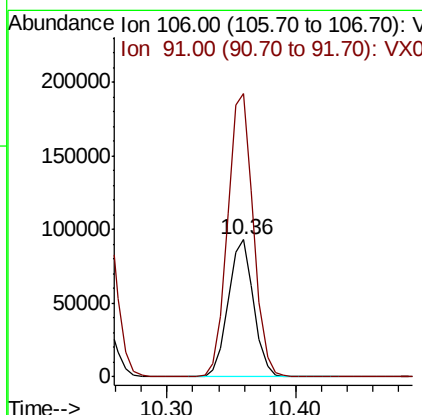
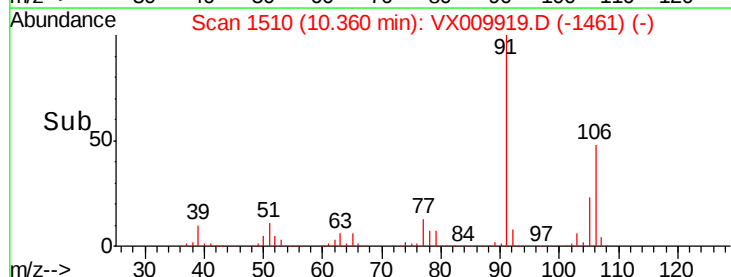
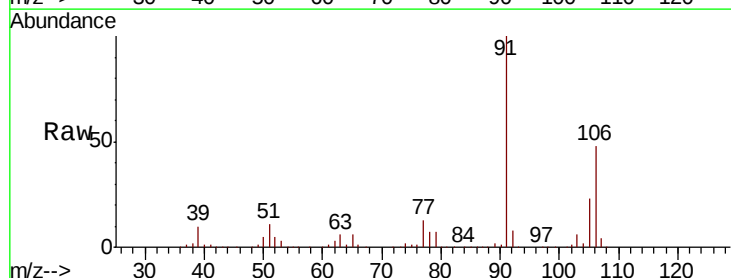
Instrument :
MSVOA_X
ClientSampled :
VX0528WBSD01

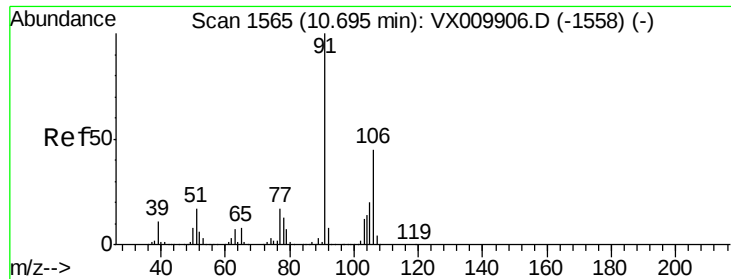
Tot Ion: 91 Resp: 175520
Ion Ratio Lower Upper
91 100
106 30.9 23.9 35.9



#68
m/p-Xylenes
Concen: 38.174 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009919.D
Acq: 28 May 2019 16:56

Tgt Ion: 106 Resp: 128722
Ion Ratio Lower Upper
106 100
91 209.1 167.3 250.9

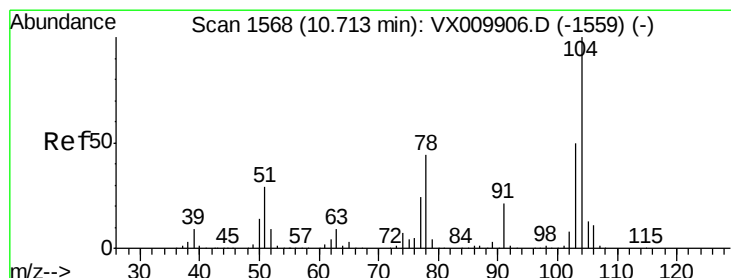
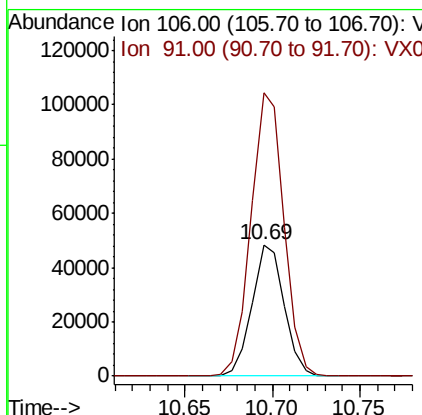
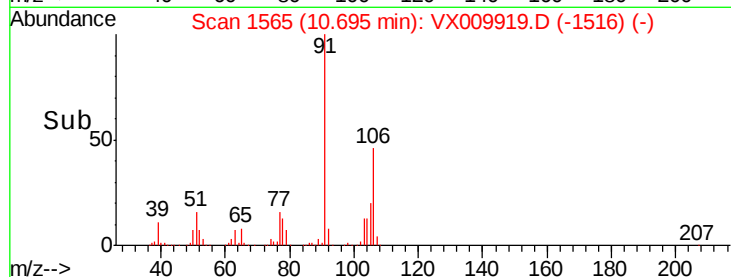
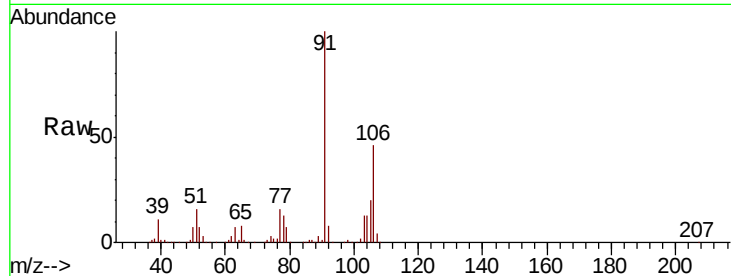




#69
o-Xylene
Concen: 19.390 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX009919.D
Acq: 28 May 2019 16:56

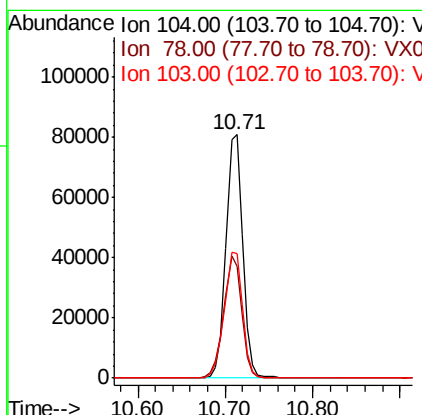
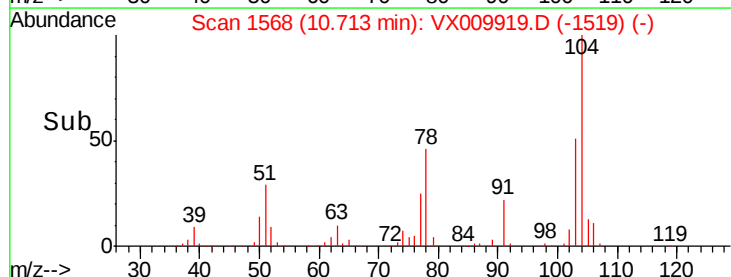
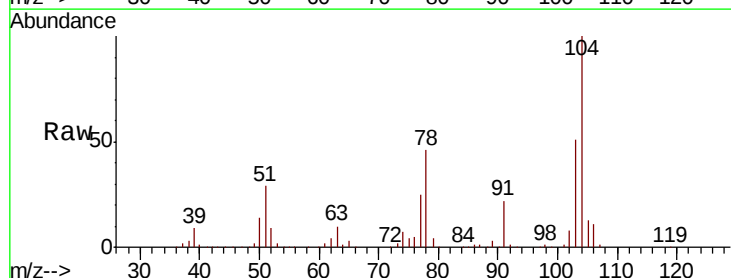
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01

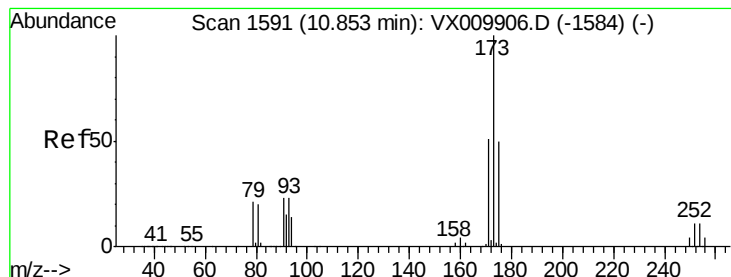
Tot Ion:106 Resp: 62705
Ion Ratio Lower Upper
106 100
91 219.5 110.4 331.2



#70
Styrene
Concen: 18.985 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009919.D
Acq: 28 May 2019 16:56

Tgt Ion:104 Resp: 107655
Ion Ratio Lower Upper
104 100
78 53.6 42.1 63.1
103 56.3 44.1 66.1





#71

Bromoform

Concen: 18.393 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBSD01

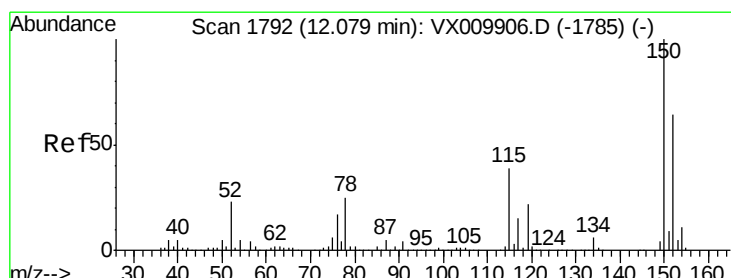
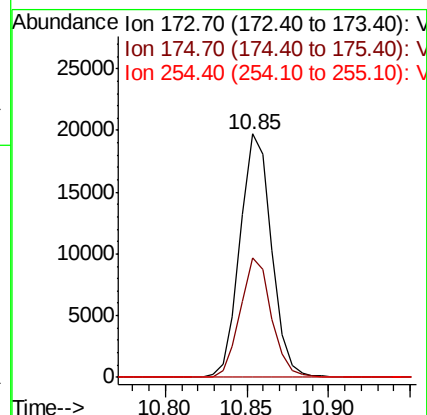
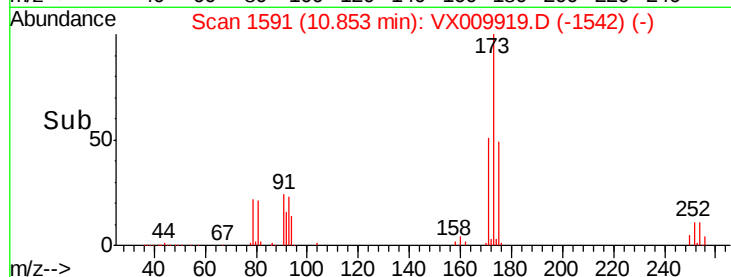
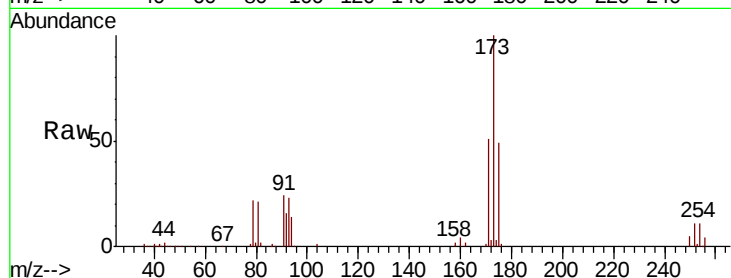
Tot Ion:173 Resp: 26509

Ion Ratio Lower Upper

173 100

175 48.7 25.0 75.0

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

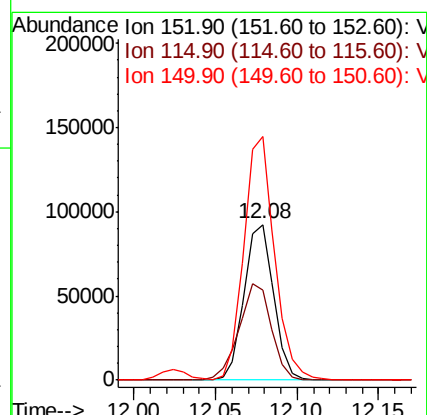
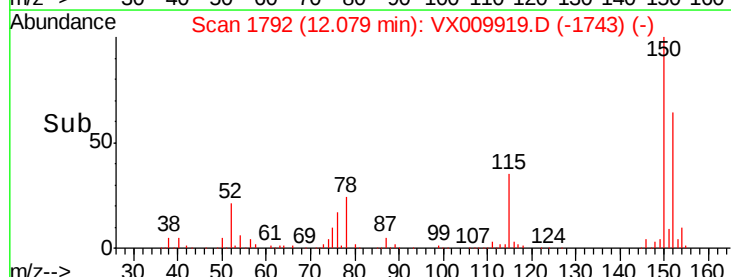
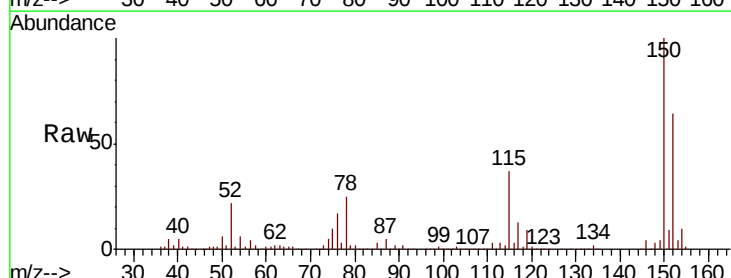
Tgt Ion:152 Resp: 116688

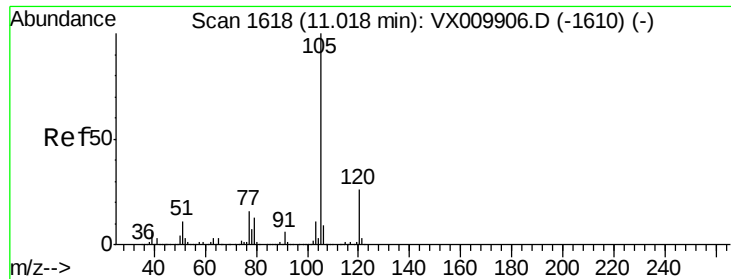
Ion Ratio Lower Upper

152 100

115 67.6 41.4 124.2

150 162.2 0.0 345.2





#73

Isopropylbenzene

Concen: 19.295 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

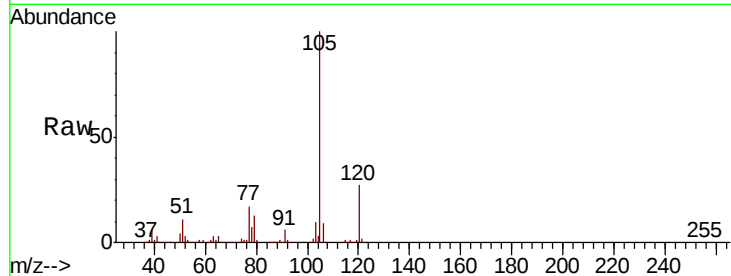
VX0528WBSD01

Tot Ion:105 Resp: 166117

Ion Ratio Lower Upper

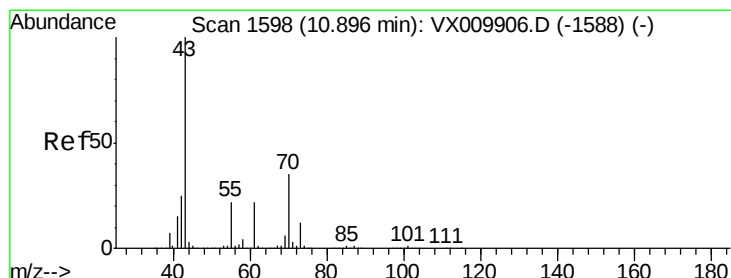
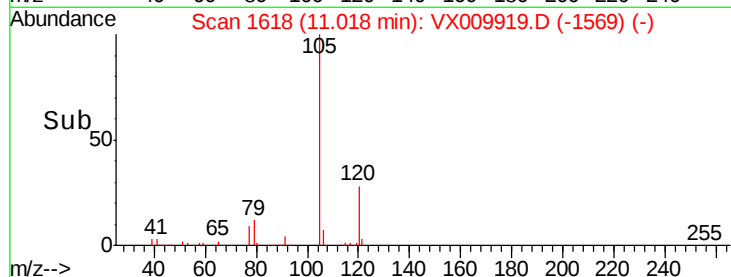
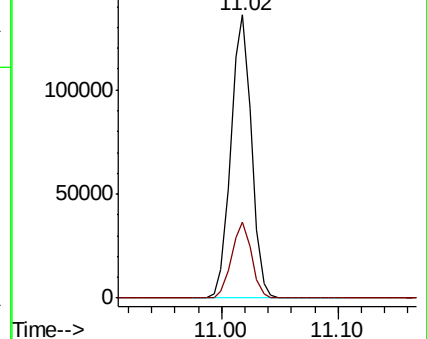
105 100

120 26.4 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.548 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Tgt Ion: 43 Resp: 100565

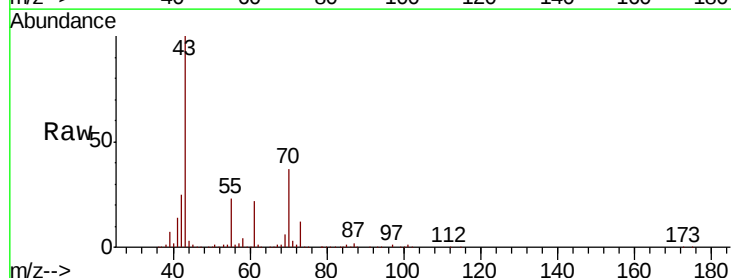
Ion Ratio Lower Upper

43 100

70 35.8 28.6 43.0

55 22.8 17.8 26.8

61 22.0 17.7 26.5

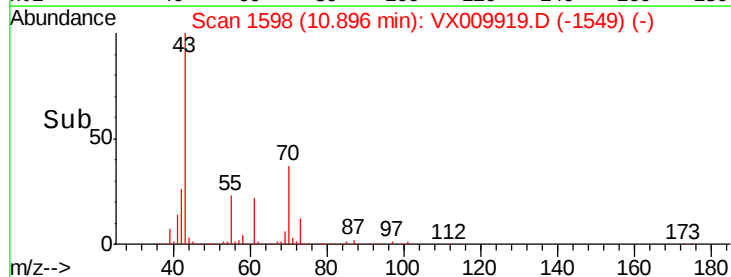
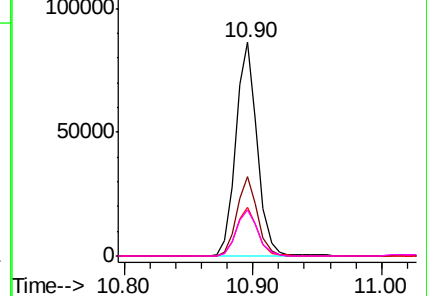


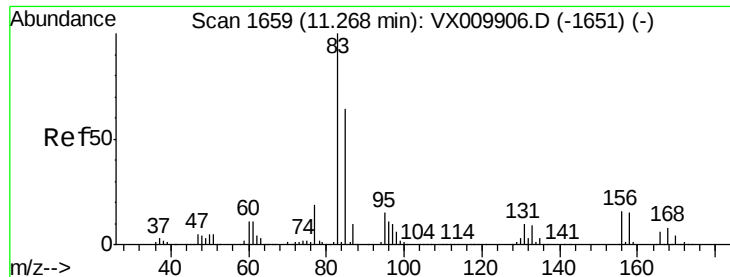
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.290 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBSD01

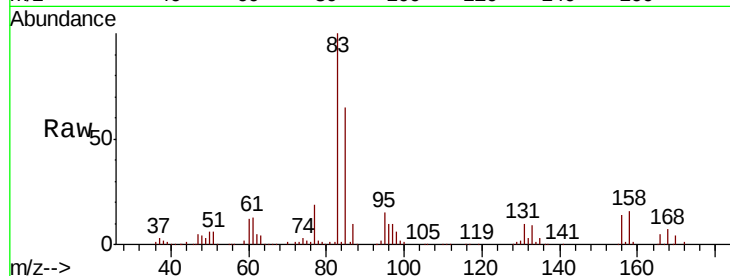
Tot Ion: 83 Resp: 61959

Ion Ratio Lower Upper

83 100

131 9.5 4.7 14.1

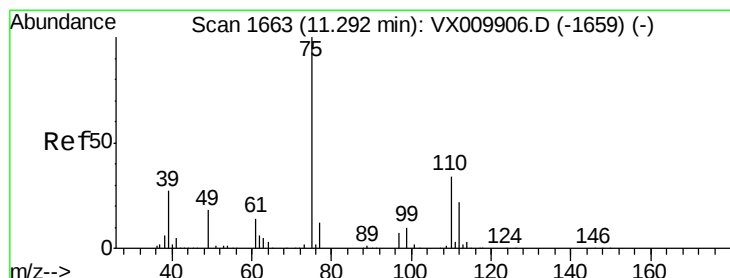
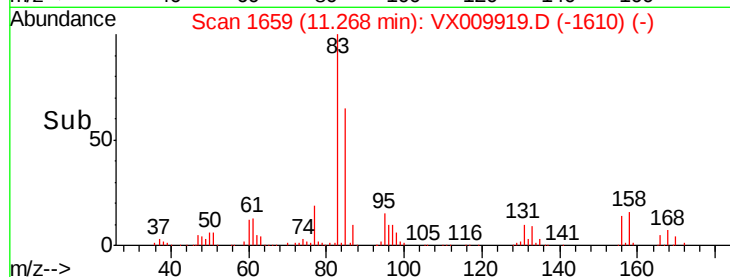
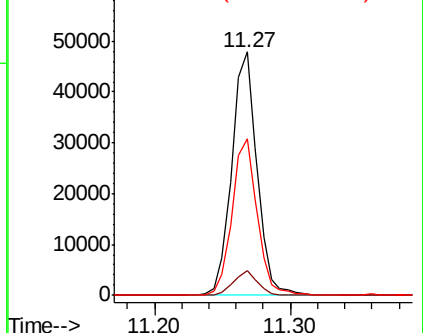
85 63.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.547 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009919.D

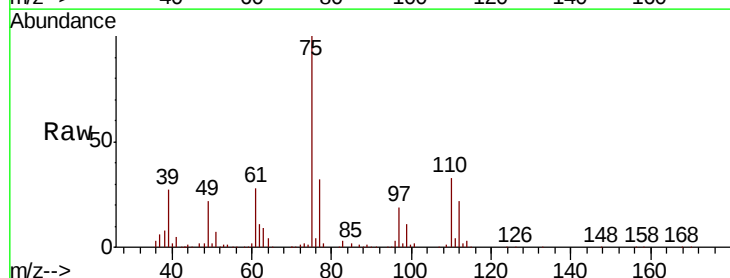
Acq: 28 May 2019 16:56

Tgt Ion: 75 Resp: 71287

Ion Ratio Lower Upper

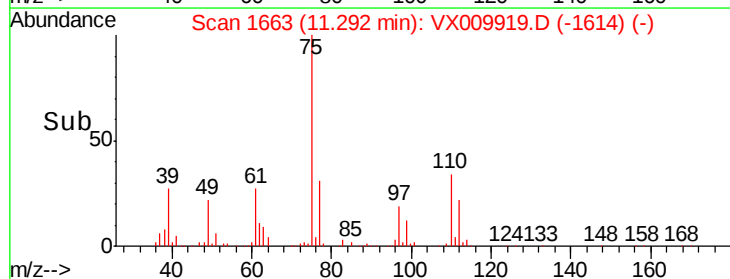
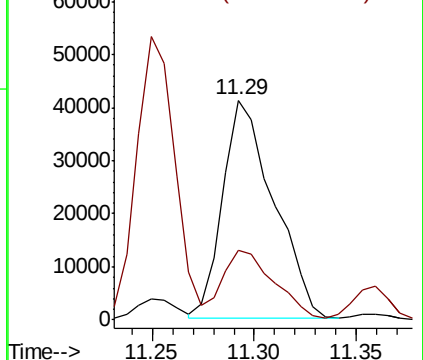
75 100

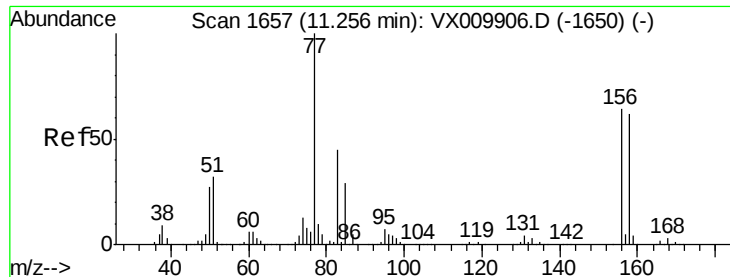
77 32.6 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.547 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampled :

VX0528WBSD01

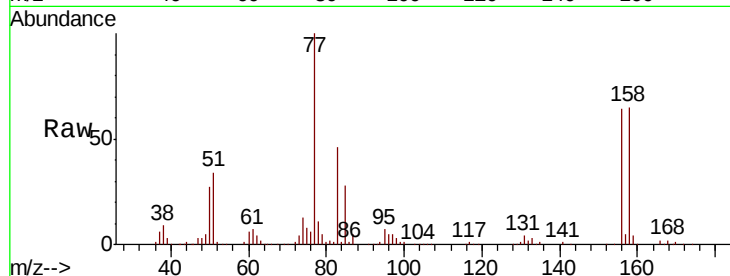
Tot Ion:156 Resp: 40694

Ion Ratio Lower Upper

156 100

77 171.8 86.8 260.3

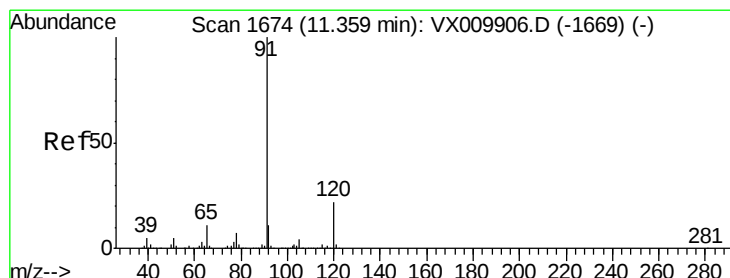
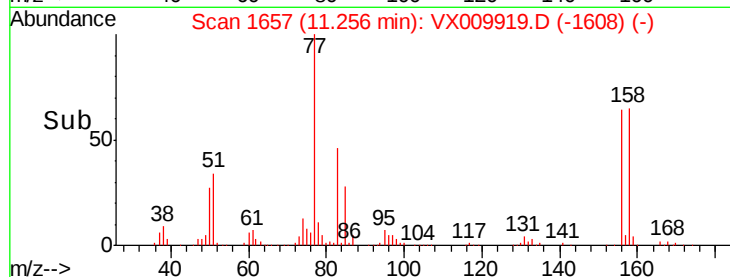
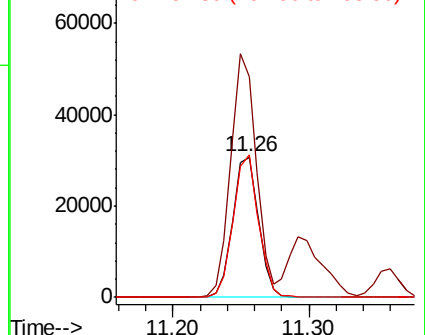
158 99.2 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.410 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009919.D

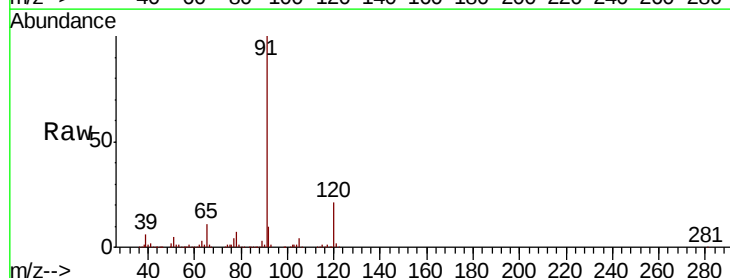
Acq: 28 May 2019 16:56

Tgt Ion: 91 Resp: 192625

Ion Ratio Lower Upper

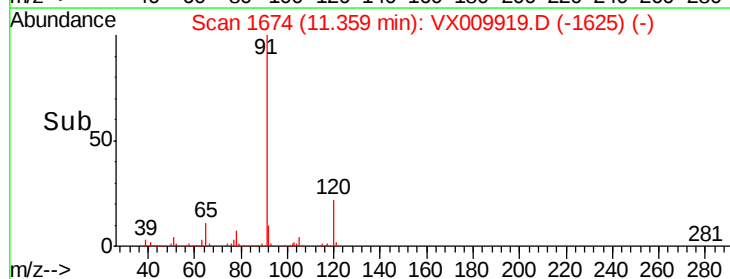
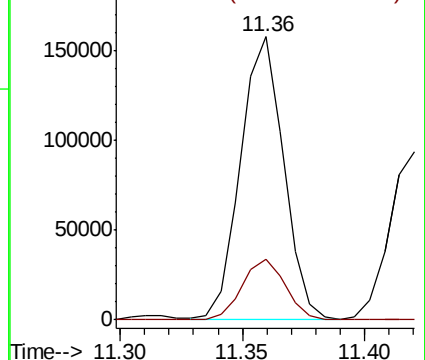
91 100

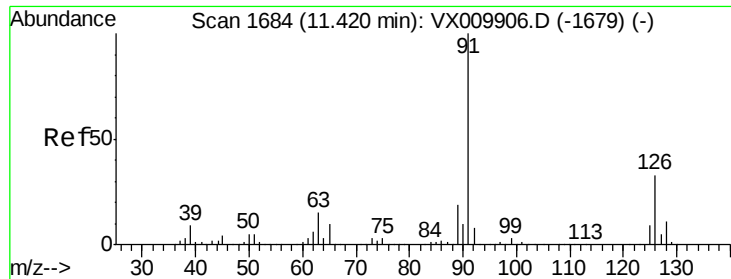
120 21.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.075 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

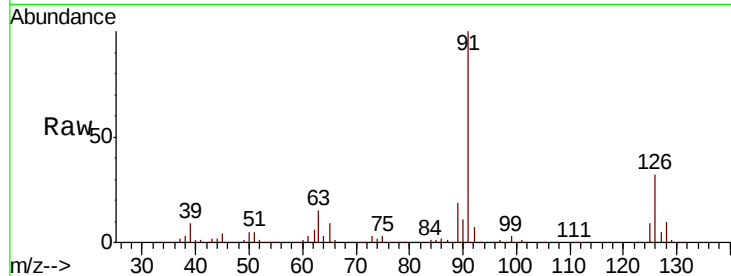
VX0528WBSD01

Tot Ion: 91 Resp: 115657

Ion Ratio Lower Upper

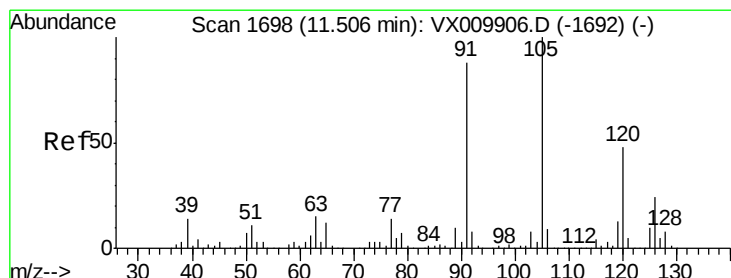
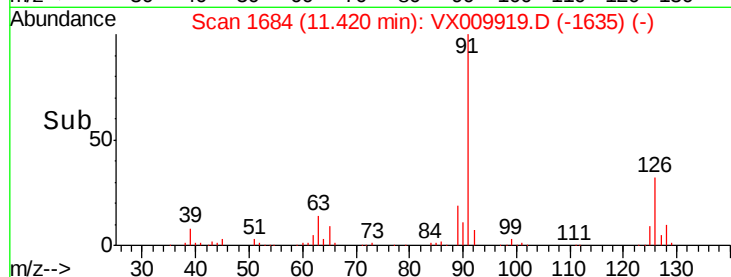
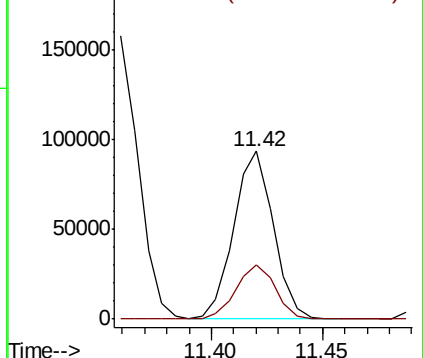
91 100

126 32.5 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.574 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009919.D

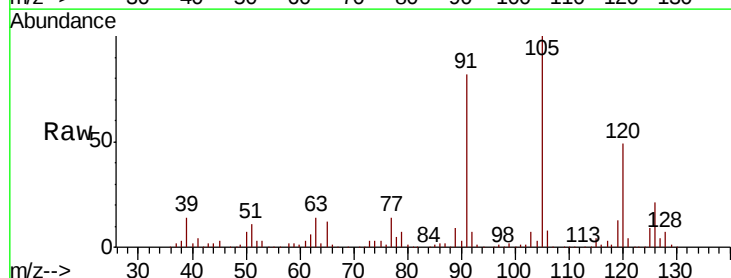
Acq: 28 May 2019 16:56

Tgt Ion:105 Resp: 141970

Ion Ratio Lower Upper

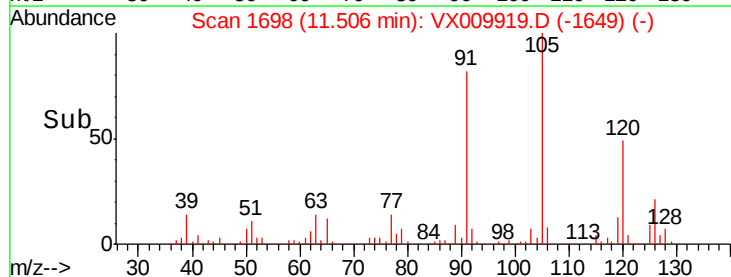
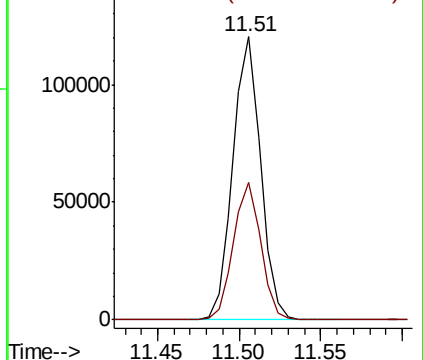
105 100

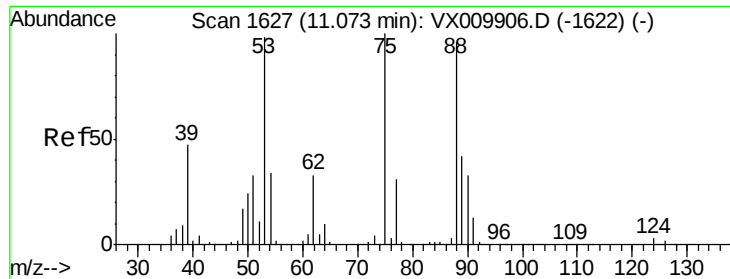
120 48.1 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.193 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampled :

VX0528WBSD01

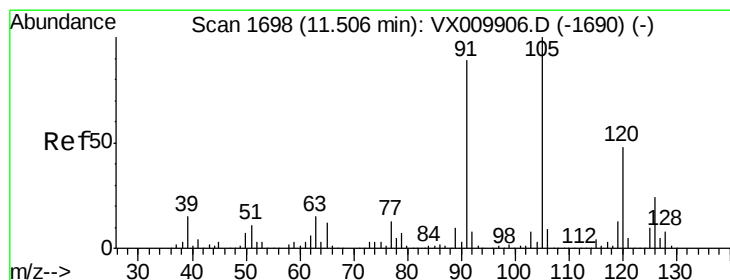
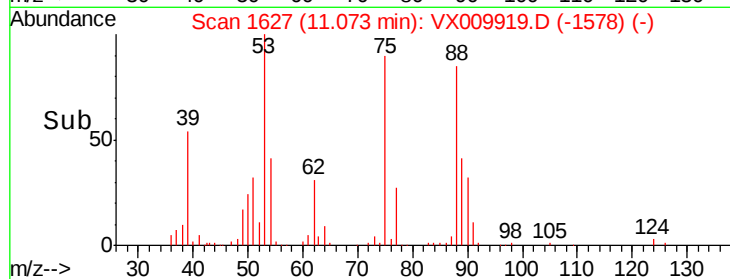
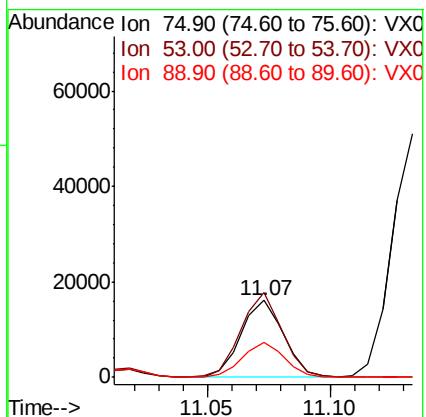
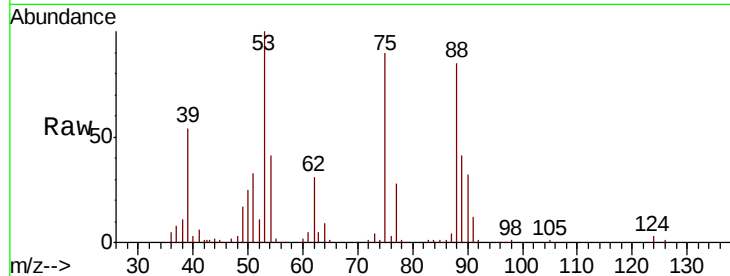
Tot Ion: 75 Resp: 19390

Ion Ratio Lower Upper

75 100

53 108.0 79.8 119.6

89 45.6 34.2 51.4



#82

4-Chlorotoluene

Concen: 18.808 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009919.D

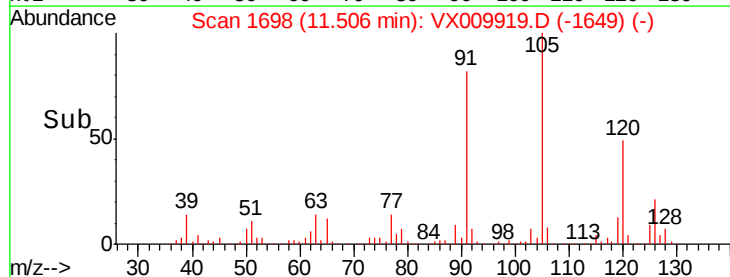
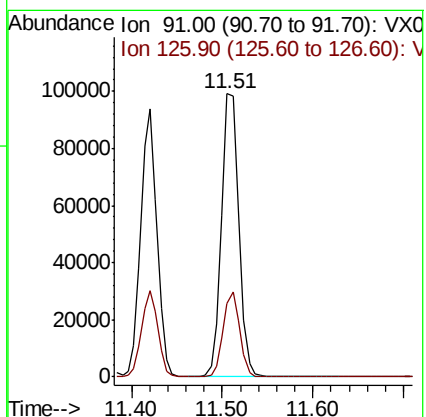
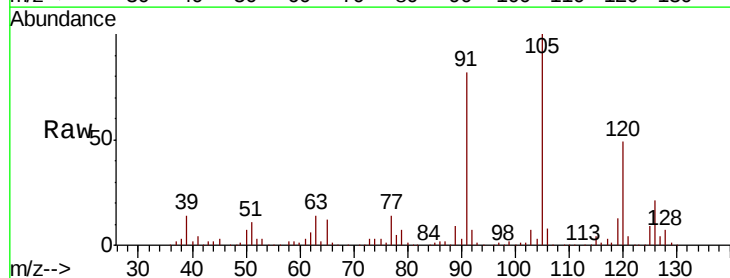
Acq: 28 May 2019 16:56

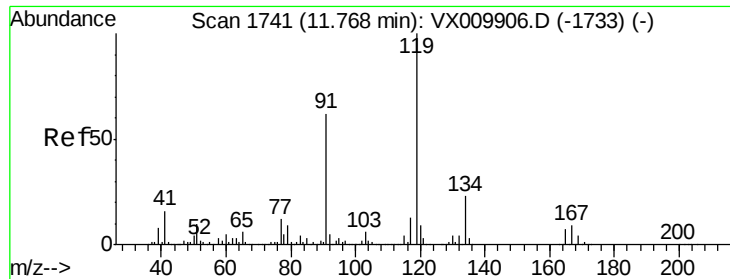
Tgt Ion: 91 Resp: 132752

Ion Ratio Lower Upper

91 100

126 28.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.286 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleID :

VX0528WBSD01

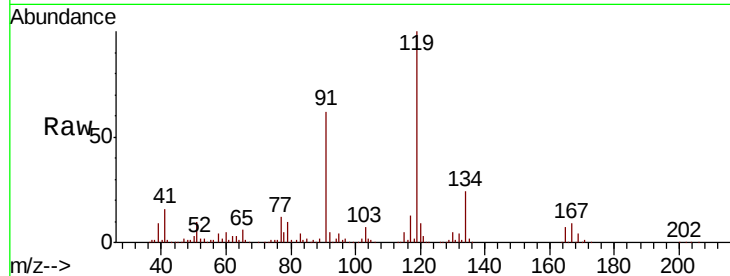
Tot Ion:119 Resp: 133827

Ion Ratio Lower Upper

119 100

91 59.4 30.0 90.0

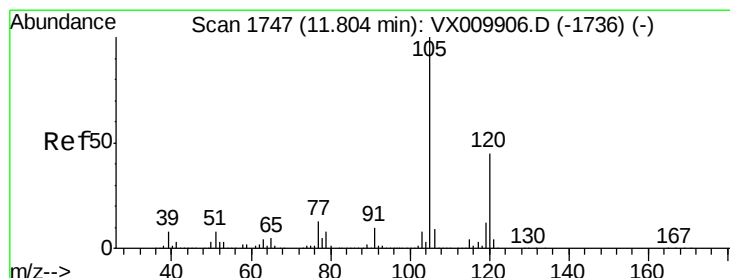
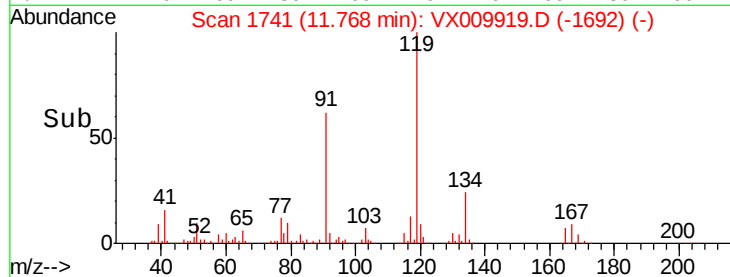
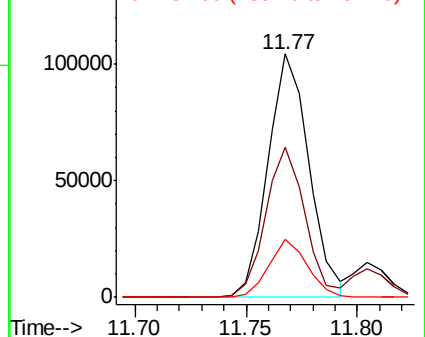
134 22.3 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.255 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009919.D

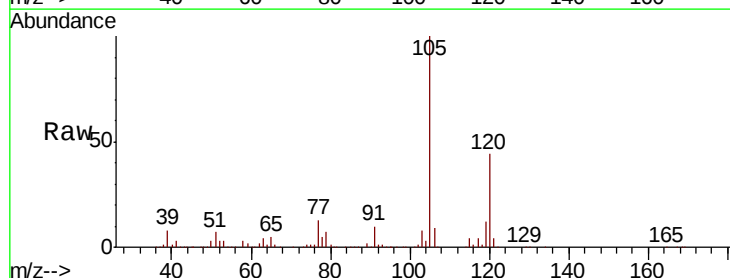
Acq: 28 May 2019 16:56

Tgt Ion:105 Resp: 141829

Ion Ratio Lower Upper

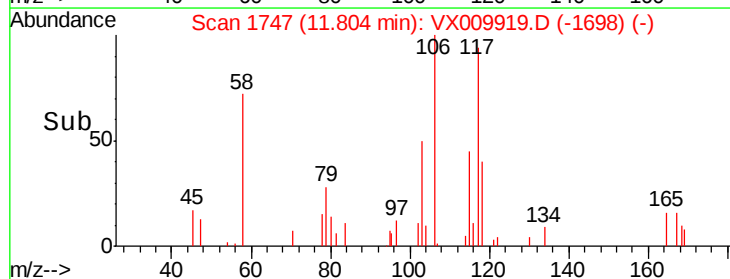
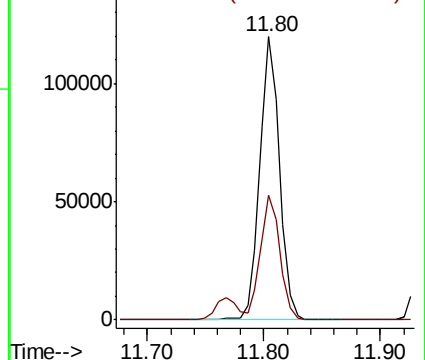
105 100

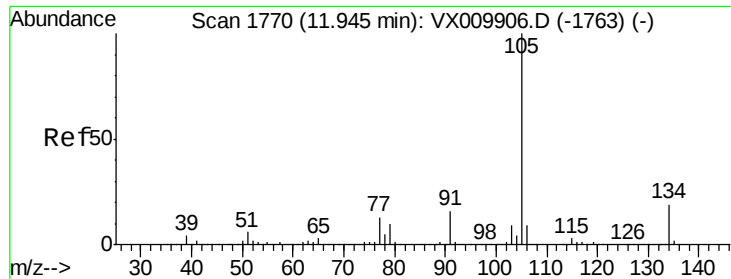
120 43.4 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.295 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

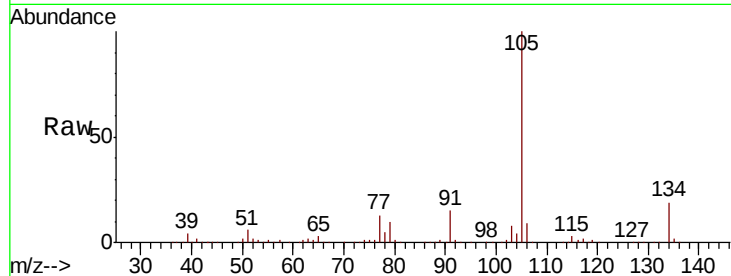
VX0528WBSD01

Tot Ion:105 Resp: 159291

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

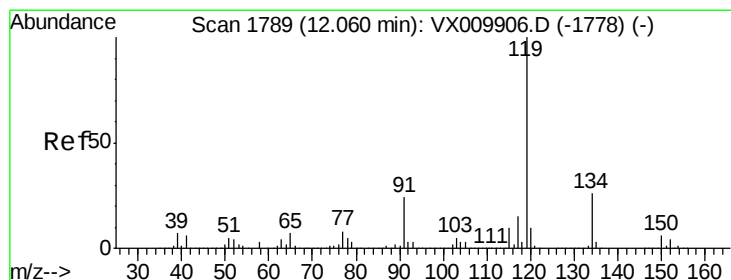
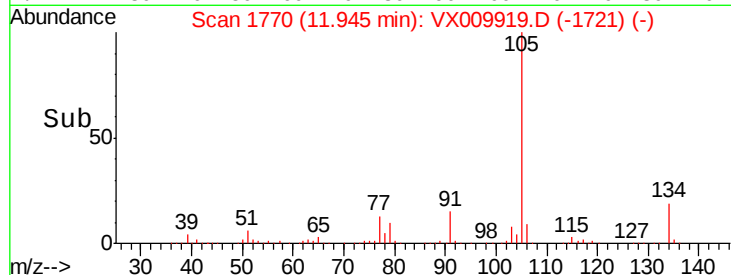
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.443 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

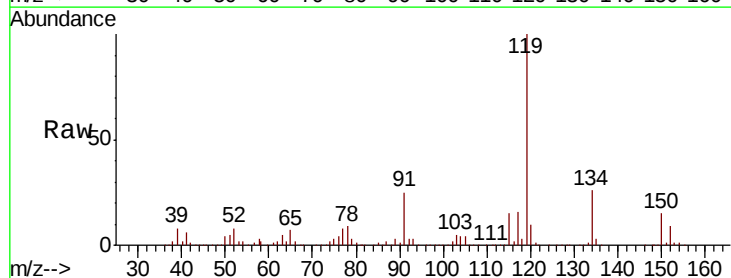
Tgt Ion:119 Resp: 144370

Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.6

91 24.2 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

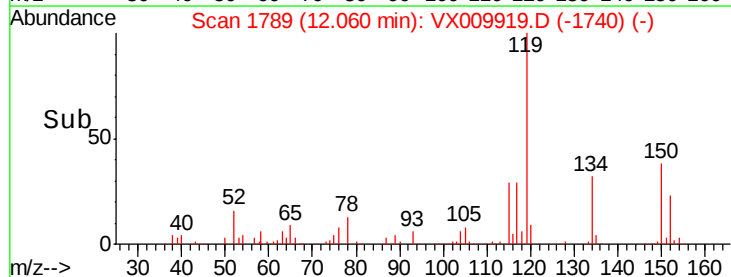
150000

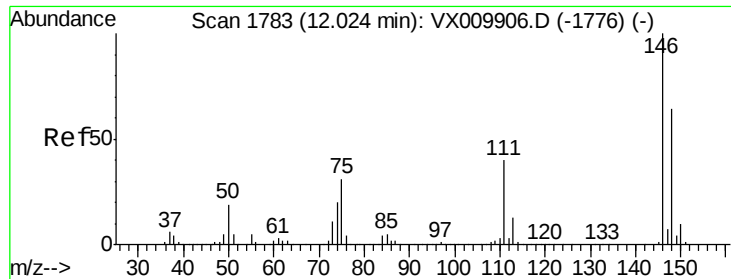
100000

50000

0

Time-->

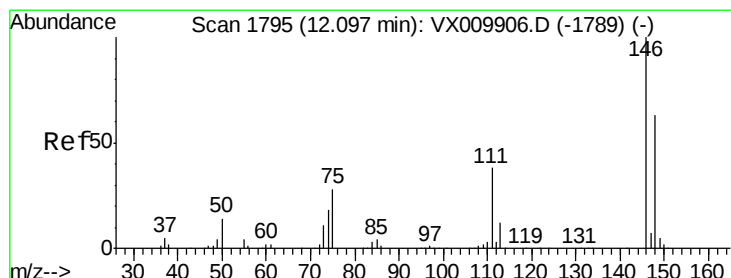
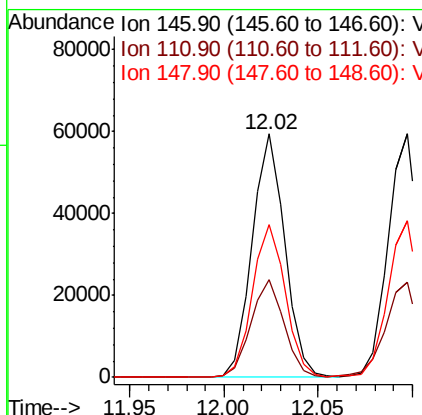
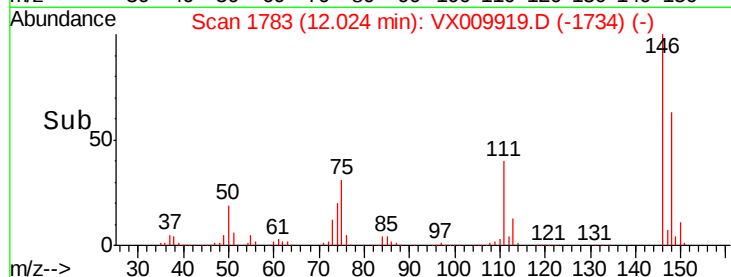
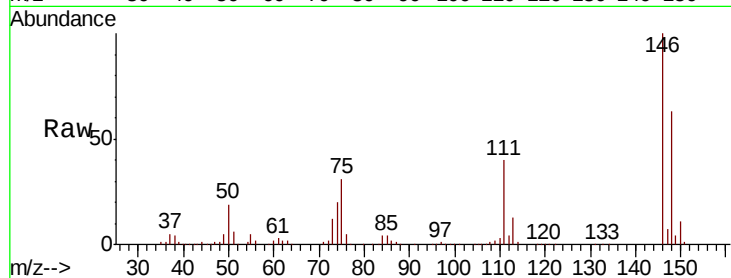




#87
 1,3-Dichlorobenzene
 Concen: 18.285 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009919.D
 Acq: 28 May 2019 16:56

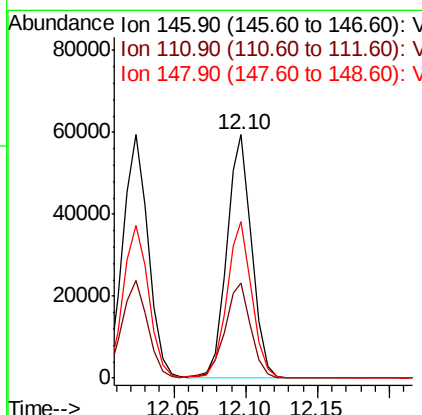
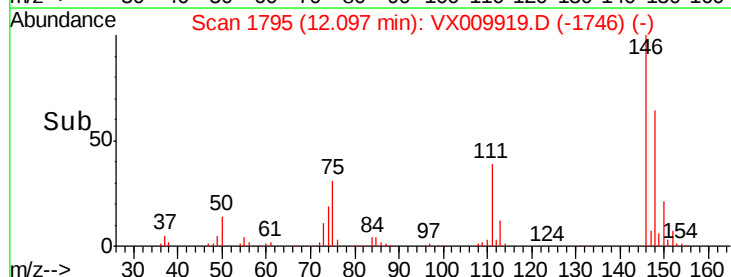
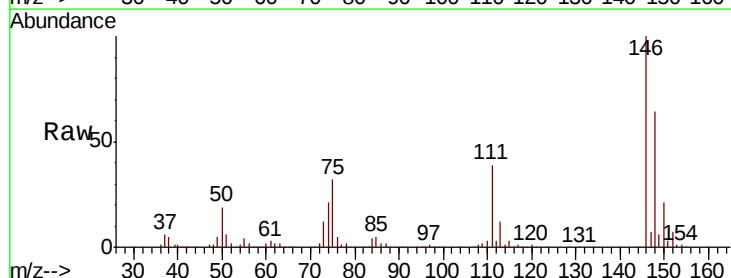
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBSD01

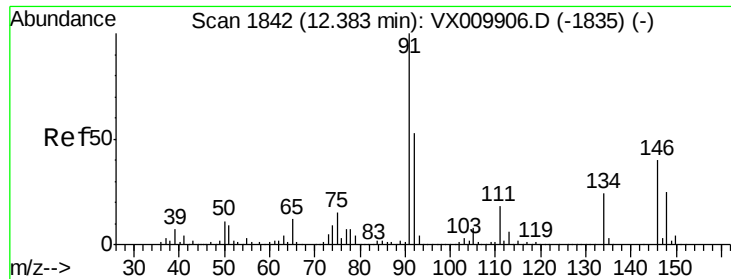
Tot Ion:146 Resp: 71425
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.1 60.2
 148 63.1 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.172 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009919.D
 Acq: 28 May 2019 16:56

Tgt Ion:146 Resp: 72394
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.0 59.9
 148 64.5 32.3 96.9

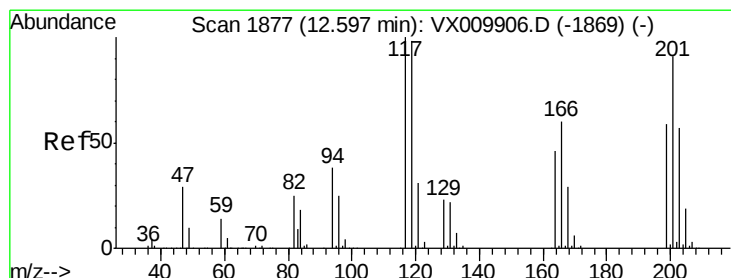
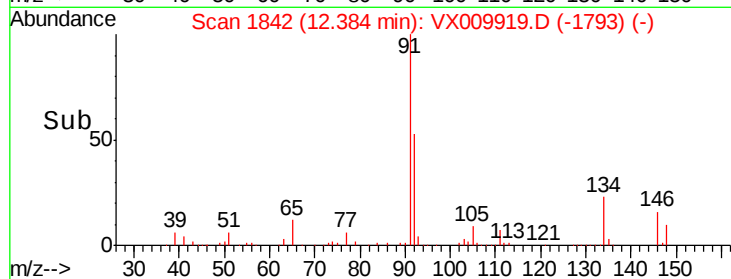
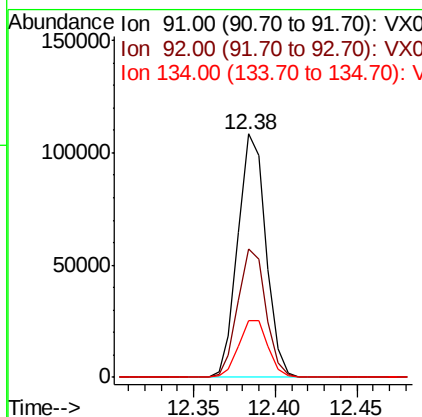
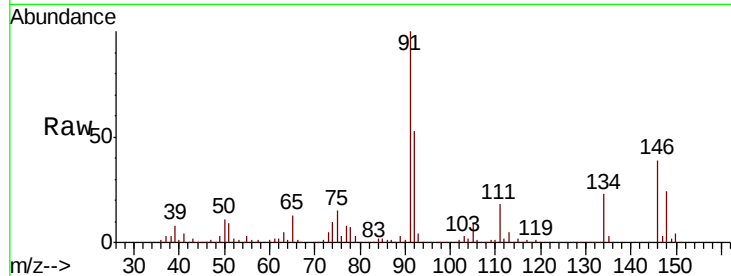




#89
n-Butylbenzene
Concen: 18.749 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009919.D
Acq: 28 May 2019 16:56

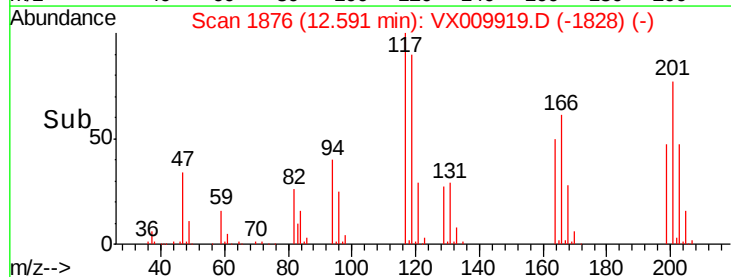
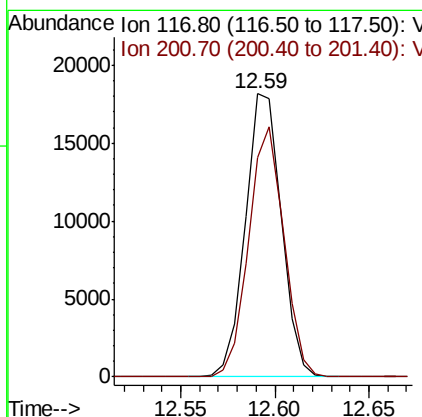
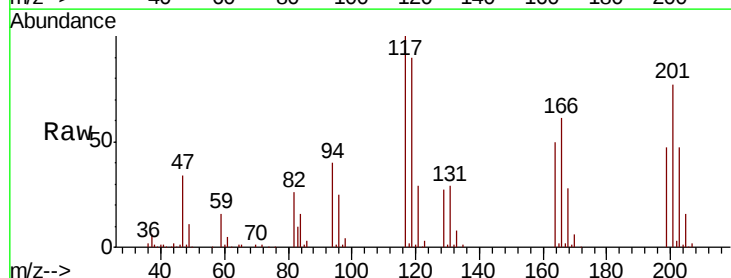
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBSD01

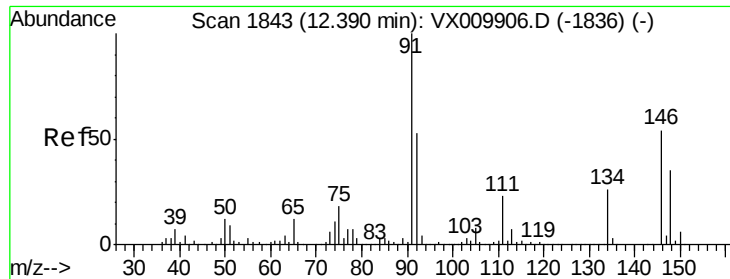
Tot Ion: 91 Resp: 130837
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.8
134 24.4 12.3 36.8



#90
Hexachloroethane
Concen: 18.926 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009919.D
Acq: 28 May 2019 16:56

Tgt Ion: 117 Resp: 24117
Ion Ratio Lower Upper
117 100
201 86.0 43.6 130.9





#91

1,2-Dichlorobenzene

Concen: 18.851 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBSD01

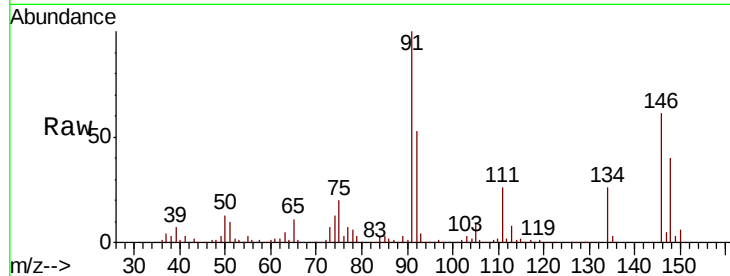
Tot Ion:146 Resp: 72600

Ion Ratio Lower Upper

146 100

111 42.2 21.1 63.1

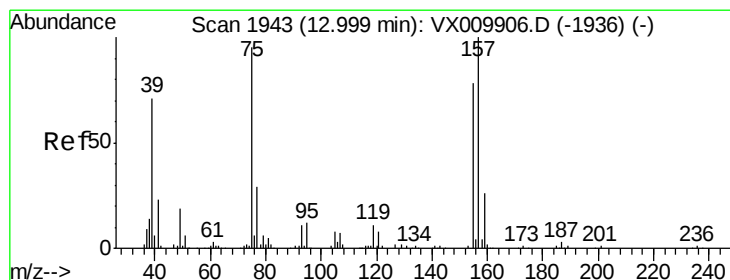
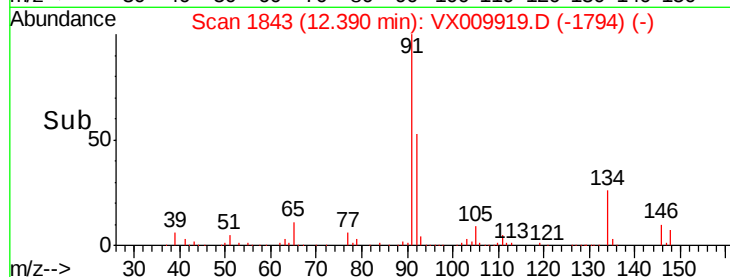
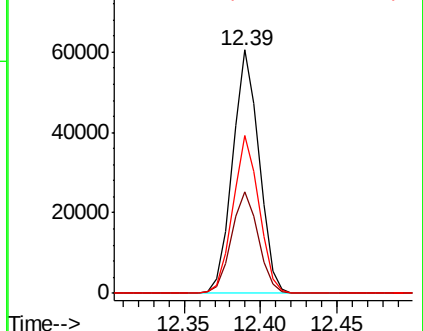
148 64.1 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.979 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

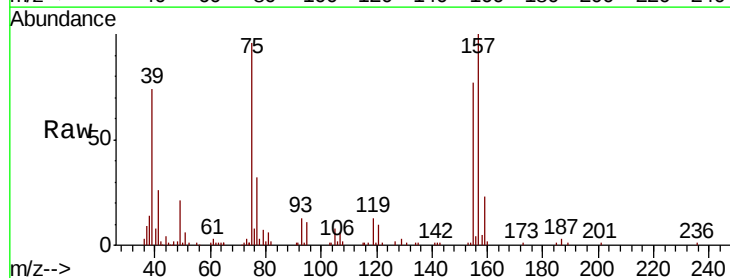
Tgt Ion: 75 Resp: 14349

Ion Ratio Lower Upper

75 100

155 77.5 39.3 117.8

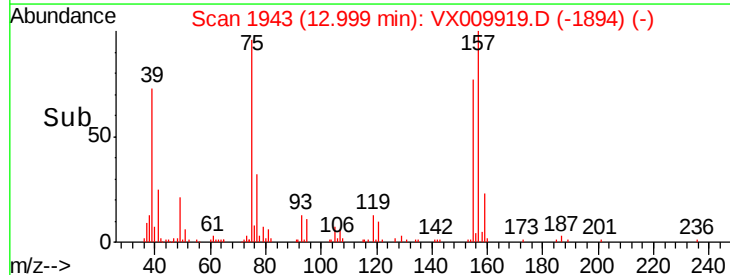
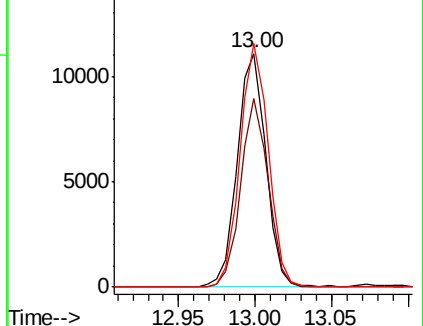
157 102.8 50.6 151.8

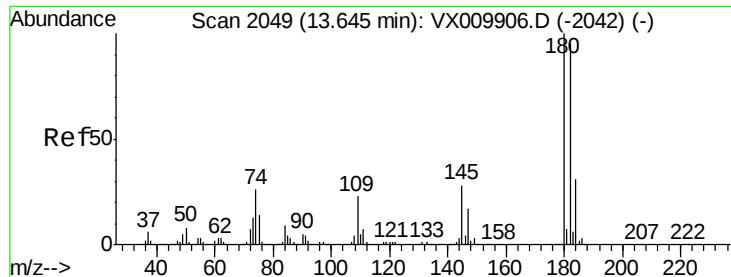


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

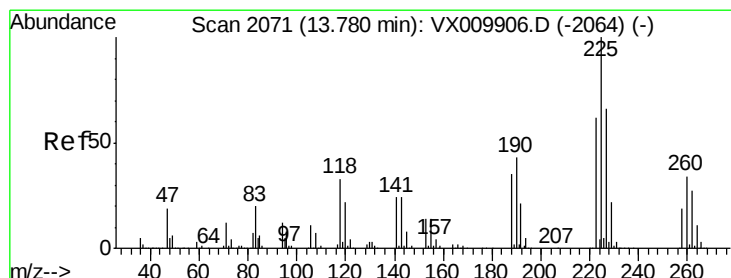
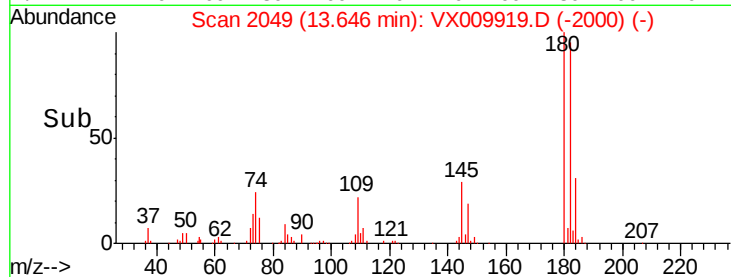
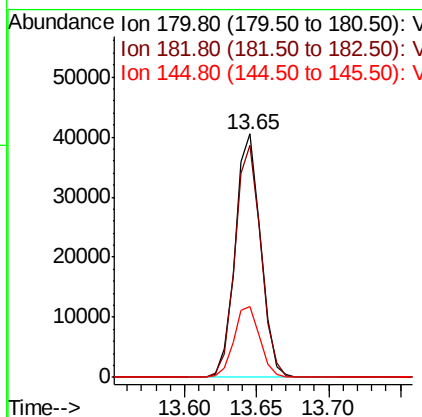
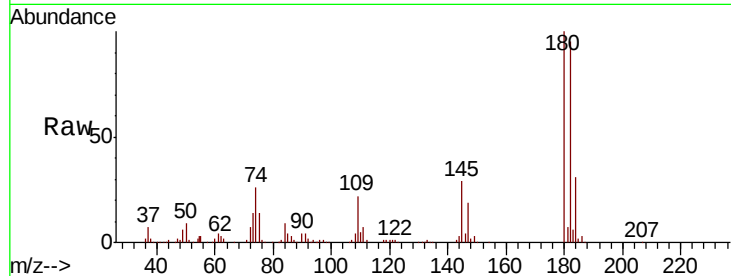




#93
 1,2,4-Trichlorobenzene
 Concen: 18.177 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009919.D
 Acq: 28 May 2019 16:56

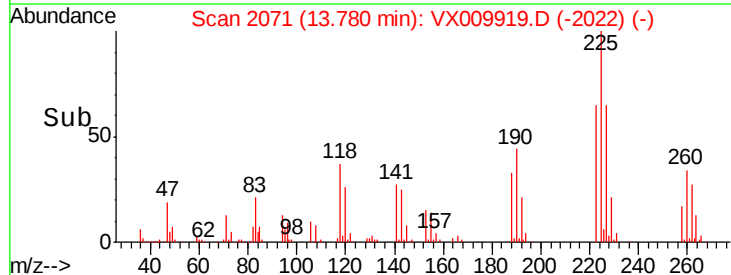
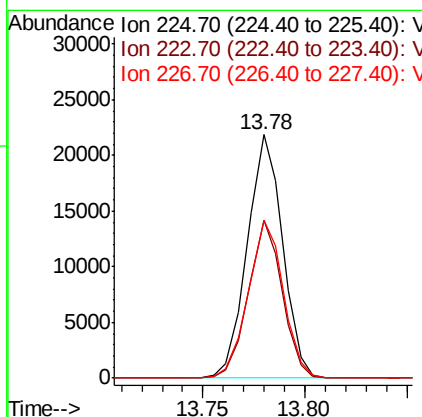
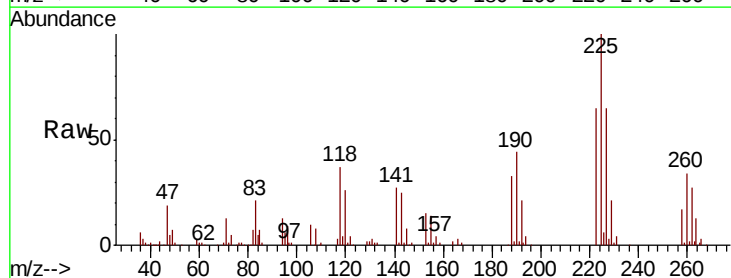
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBSD01

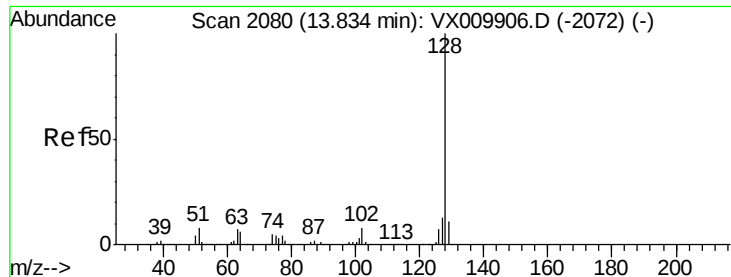
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.4	142.2
145	29.5	14.5	43.5



#94
 Hexachlorobutadiene
 Concen: 19.066 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009919.D
 Acq: 28 May 2019 16:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.3	93.8
227	64.4	32.3	96.8





#95

Naphthalene

Concen: 19.016 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBSD01

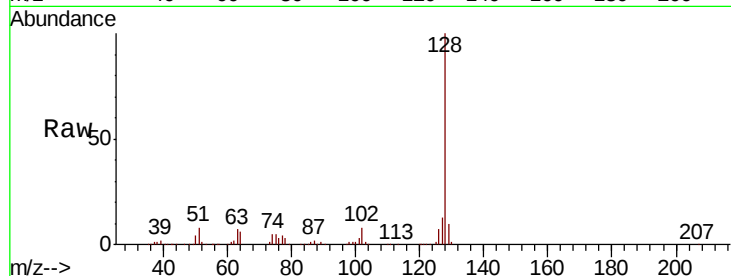
Tot Ion:128 Resp: 162864

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

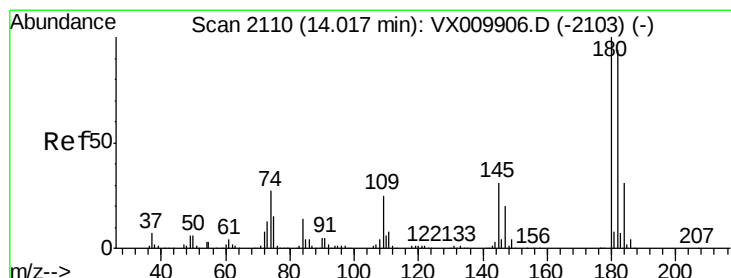
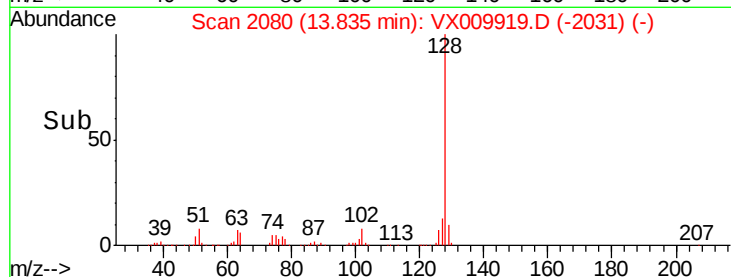
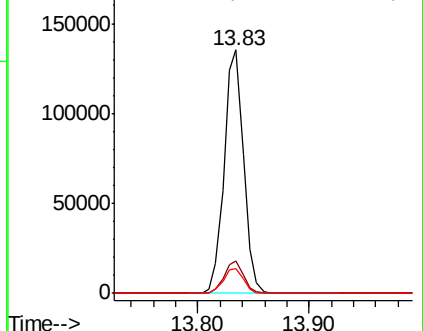
129 10.5 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.418 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009919.D

Acq: 28 May 2019 16:56

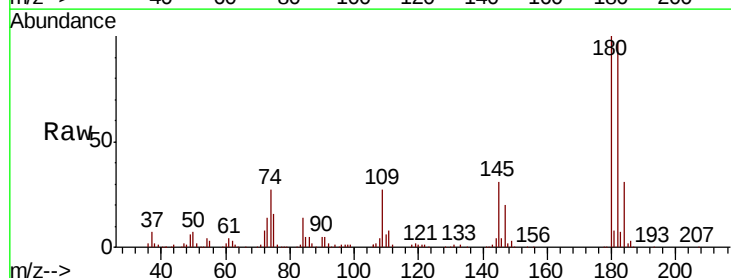
Tgt Ion:180 Resp: 50739

Ion Ratio Lower Upper

180 100

182 96.0 47.3 142.0

145 31.2 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

