

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031925\
 Data File : VX045344.D
 Acq On : 19 Mar 2025 13:18
 Operator : JC/MD
 Sample : Q1502-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

Quant Time: Mar 20 01:34:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	4.891	128	15107	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	80457	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	73631	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	48012	32.722	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 109.067%	
60) 4-Bromofluorobenzene	11.079	95	41154	29.903	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.667%	
63) Toluene-d8	8.647	98	122975	30.190	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.633%	
Target Compounds						Qvalue
3) Chloromethane	1.294	50	562	0.368	ug/l #	59
5) Bromomethane	1.593	94	34311	66.970	ug/l	98
7) Trichlorofluoromethane	1.880	101	176035	88.988	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.313	101	363	0.309	ug/l	49
10) 1,1-Dichloroethene	2.313	96	100348	87.442	ug/l	89
11) Methyl Iodide	2.447	142	888	0.684	ug/l	98
12) Methyl Acetate	3.111	43	47886	35.933	ug/l	93
14) Acrylonitrile	3.105	53	2649	4.070	ug/l #	13
15) Acetone	2.380	58	29165	163.367	ug/l	85
18) Methylene Chloride	2.782	84	65393	50.661	ug/l	95
19) trans-1,2-Dichloroethene	3.087	96	89760	77.309	ug/l	95
22) cis-1,2-Dichloroethene	4.483	96	151633	108.985	ug/l	93
23) tert-Butyl Alcohol	2.947	59	511	2.249	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	201002	53.664	ug/l	96
25) Chloroform	5.086	83	160307	72.350	ug/l	98
29) 1,1-Dichloropropene	6.031	75	9956	6.727	ug/l #	1
30) 2-Butanone	4.562	43	38399	44.919	ug/l	94
33) Carbon Tetrachloride	5.666	117	48066	31.760	ug/l	96
34) Benzene	6.031	78	535949	115.475	ug/l	98
36) 1,2-Dichloroethane	6.080	62	62842	39.548	ug/l	95
37) Trichloroethene	7.117	130	58554	53.926	ug/l	98
38) Methylcyclohexane	7.434	83	601	0.302	ug/l #	27
39) 1,2-Dichloropropane	7.421	63	93261	80.823	ug/l	99
40) Dibromomethane	7.574	93	88952	107.426	ug/l	97
41) Bromodichloromethane	7.818	83	27748	16.861	ug/l	99
43) Ethyl Acetate	4.715	43	538	0.336	ug/l #	62
45) 1,4-Dioxane	7.580	88	365	13.307	ug/l #	23
48) t-1,3-Dichloropropene	8.976	75	117438	74.033	ug/l	100
49) cis-1,3-Dichloropropene	8.360	75	98218	54.696	ug/l	92
52) 1,3-Dichloropropane	8.970	76	4172	2.205	ug/l	99
56) Bromoform	11.073	173	308	0.411	ug/l #	1
58) 4-Methyl-2-Pentanone	8.567	43	227163	135.624	ug/l	99
59) 2-Hexanone	9.427	43	188811	155.956	ug/l	98
61) Tetrachloroethene	9.269	164	111094	122.527	ug/l	95
62) Toluene	8.714	91	521344	106.885	ug/l	98
64) Chlorobenzene	10.073	112	351323	116.236	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	111473	111.771	ug/l	100
66) Ethyl Benzene	10.189	91	193001	36.142	ug/l	97
67) m/p-Xylenes	10.299	106	144161	72.457	ug/l	96

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 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

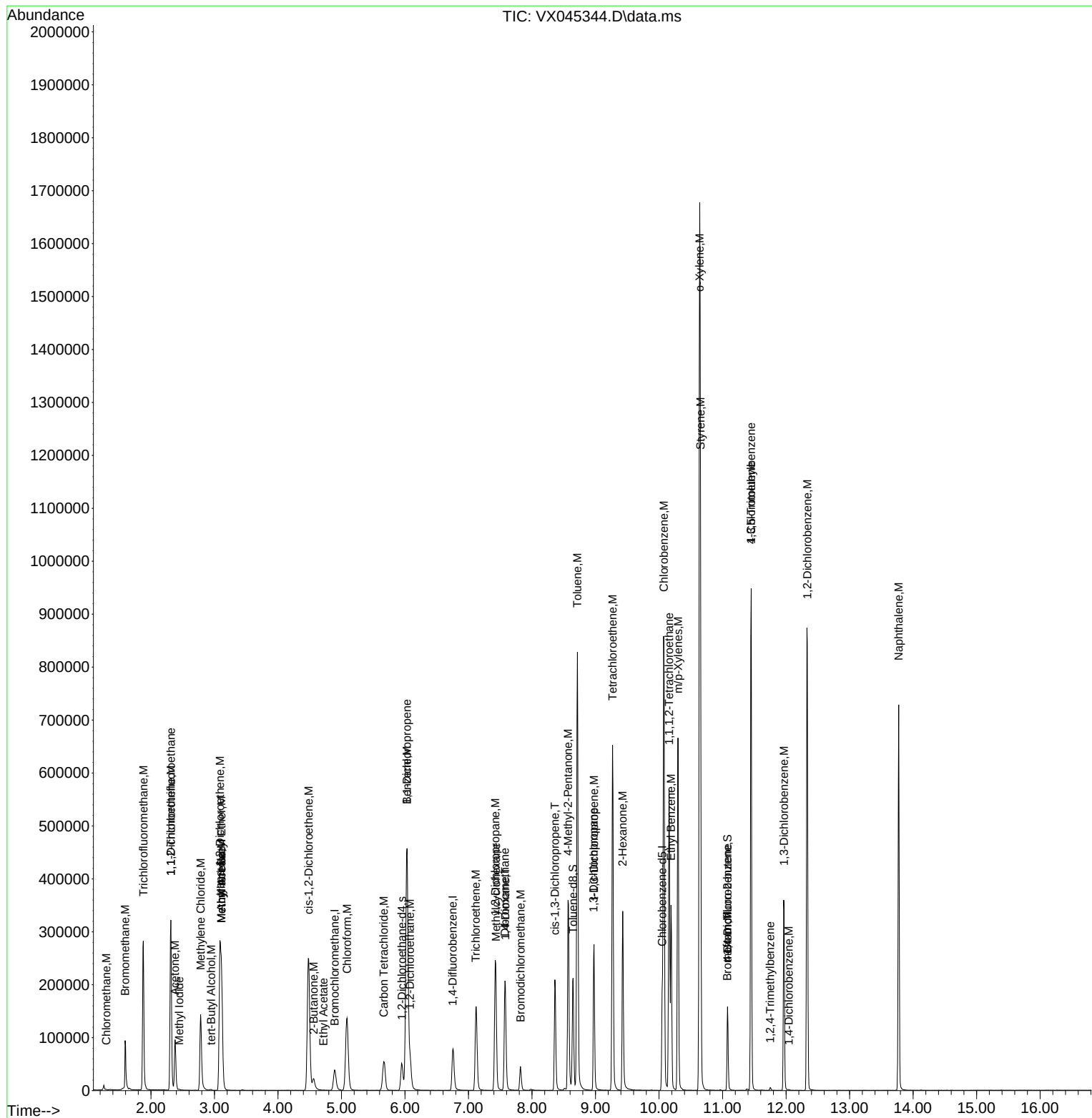
68) o-Xylene	10.640	106	288194	147.631	ug/l	98
69) Styrene	10.652	104	291135	89.295	ug/l	90
76) 1,3,5-Trimethylbenzene	11.451	105	390792	94.031	ug/l	99
77) t-1,4-Dichloro-2-butene	11.079	75	23027	50.232	ug/l #	10
78) 4-Chlorotoluene	11.451	91	45326	11.219	ug/l #	46
80) 1,2,4-Trimethylbenzene	11.750	105	2659	0.639	ug/l	93
83) 1,3-Dichlorobenzene	11.969	146	106609	49.408	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	813	0.382	ug/l	95
87) 1,2-Dichlorobenzene	12.335	146	260184	122.894	ug/l	100
91) Naphthalene	13.774	128	401318	88.698	ug/l	100

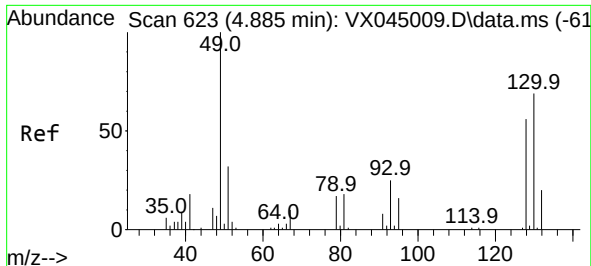
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 01:06:36 2025
Response via : Initial Calibration

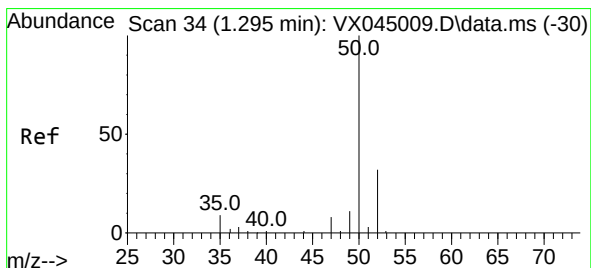
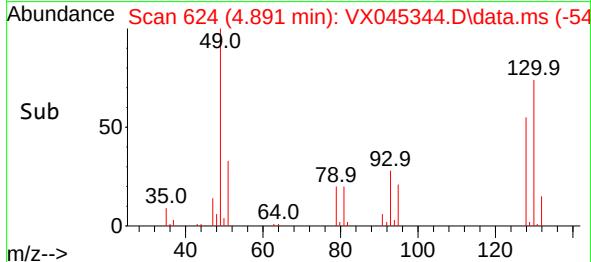
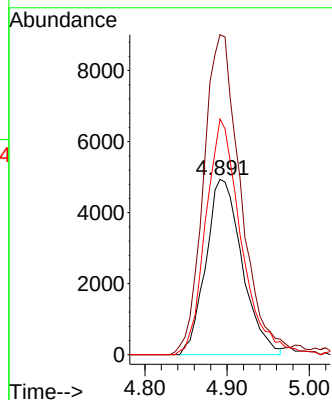
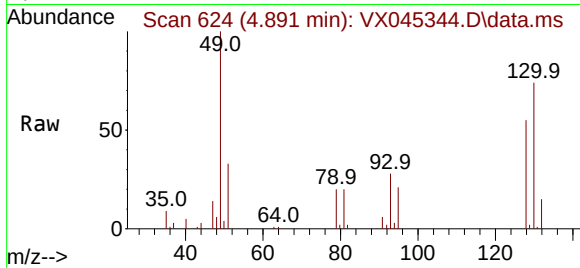




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

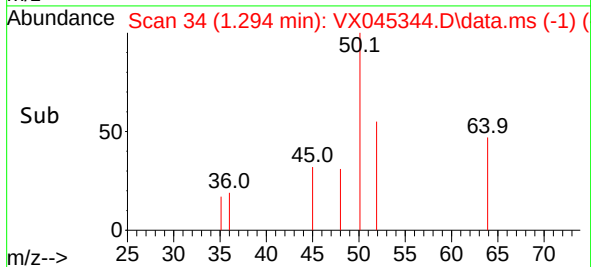
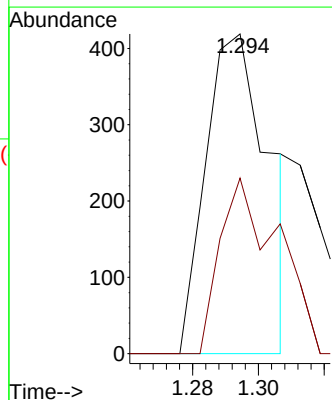
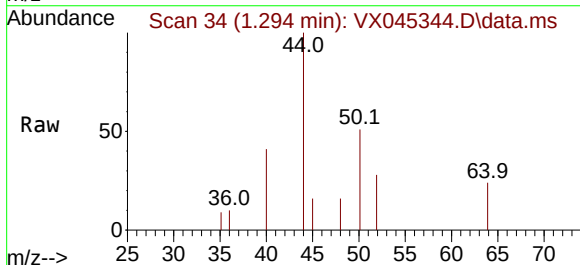
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

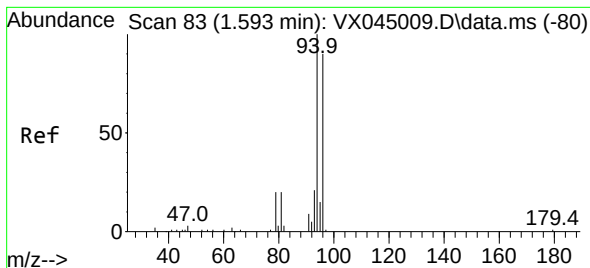
Tgt Ion:128 Resp: 15107
Ion Ratio Lower Upper
128 100
49 186.9 0.0 449.7
130 131.7 0.0 312.7



#3
Chloromethane
Concen: 0.368 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

Tgt Ion: 50 Resp: 562
Ion Ratio Lower Upper
50 100
52 54.9 25.7 38.5#

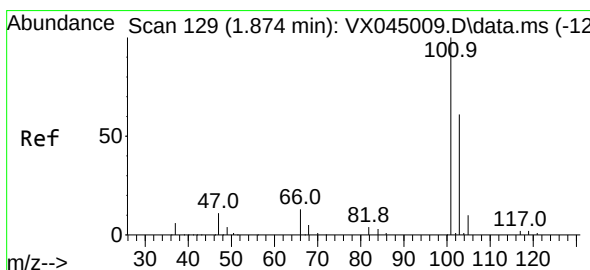
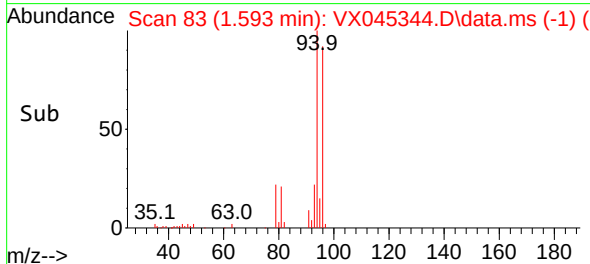
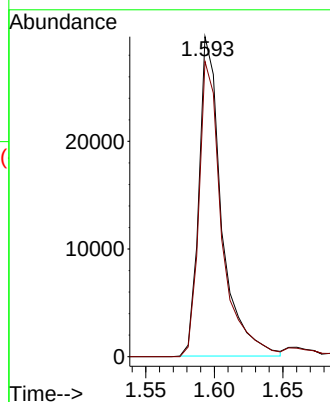
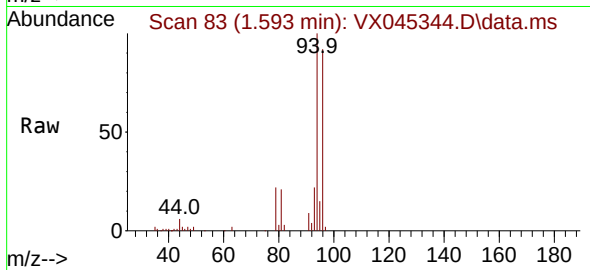




#5
 Bromomethane
 Concen: 66.970 ug/l
 RT: 1.593 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VX045344.D
 Acq: 19 Mar 2025 13:18

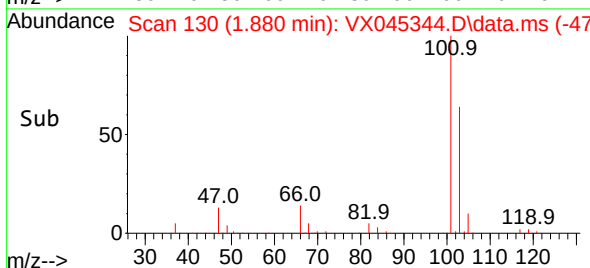
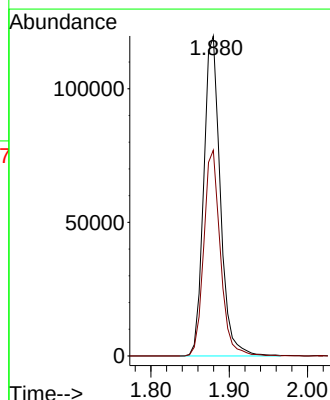
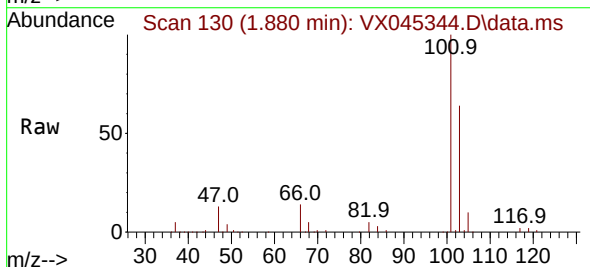
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

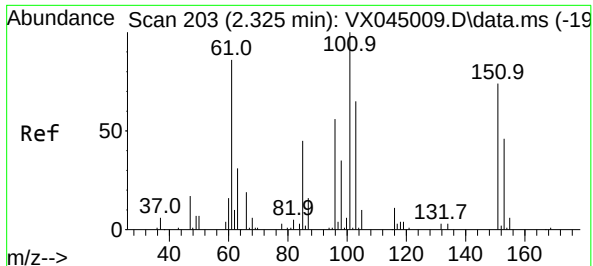
Tgt Ion: 94 Resp: 34311
 Ion Ratio Lower Upper
 94 100
 96 92.4 72.2 108.4



#7
 Trichlorofluoromethane
 Concen: 88.988 ug/l
 RT: 1.880 min Scan# 130
 Delta R.T. 0.006 min
 Lab File: VX045344.D
 Acq: 19 Mar 2025 13:18

Tgt Ion:101 Resp: 176035
 Ion Ratio Lower Upper
 101 100
 103 64.3 48.8 73.2

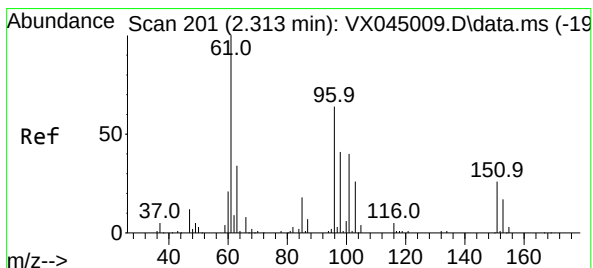
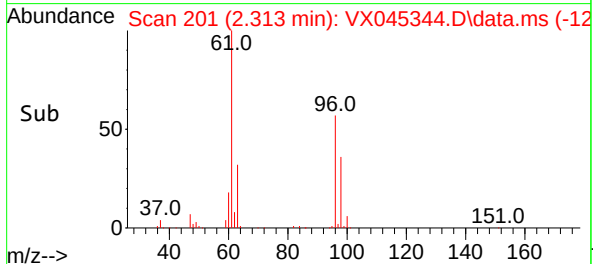
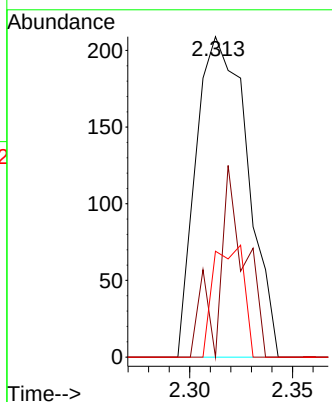
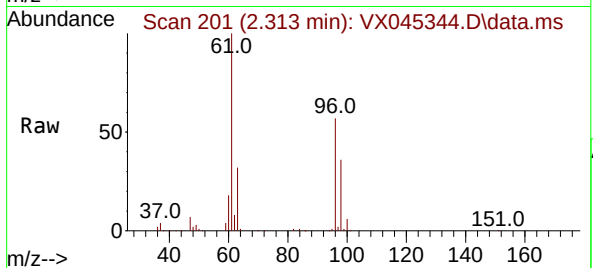




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.309 ug/l
 RT: 2.313 min Scan# 201
 Delta R.T. -0.012 min
 Lab File: VX045344.D
 Acq: 19 Mar 2025 13:18

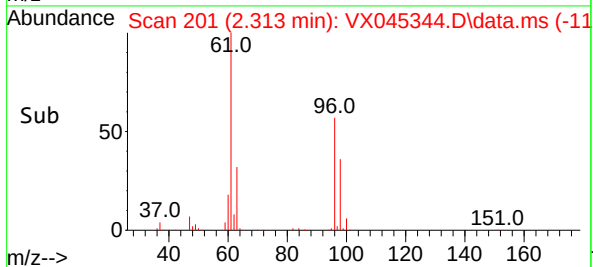
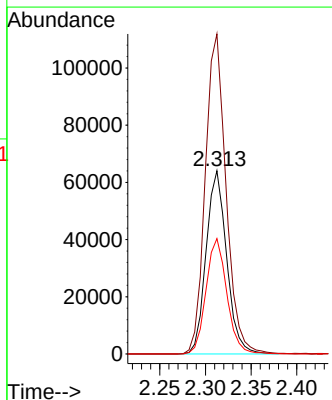
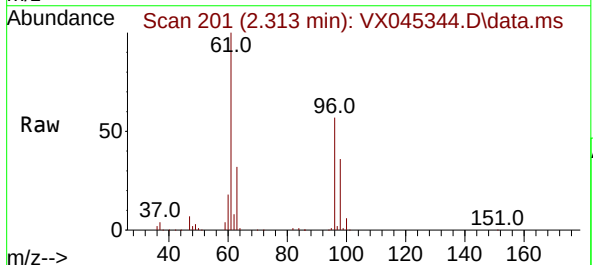
Instrument :
 MSVOA_X
 ClientSampleId :
 PT-VOA-WP

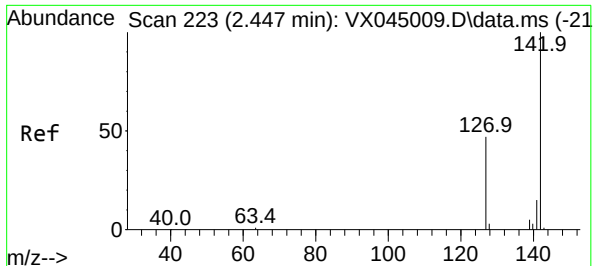
Tgt Ion:101 Resp: 363
 Ion Ratio Lower Upper
 101 100
 85 25.3 0.0 90.6
 151 20.7 0.0 147.6



#10
 1,1-Dichloroethene
 Concen: 87.442 ug/l
 RT: 2.313 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VX045344.D
 Acq: 19 Mar 2025 13:18

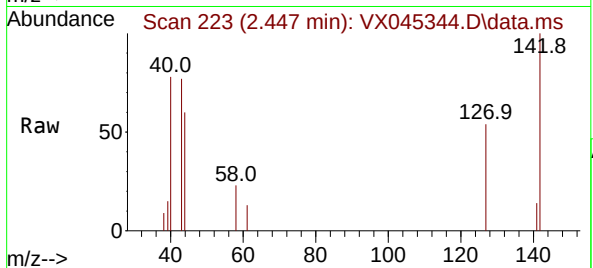
Tgt Ion: 96 Resp: 100348
 Ion Ratio Lower Upper
 96 100
 61 174.7 124.2 186.2
 98 63.0 51.1 76.7



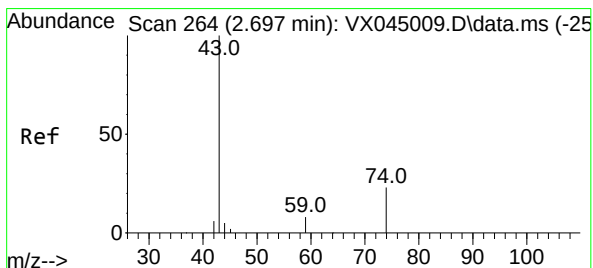
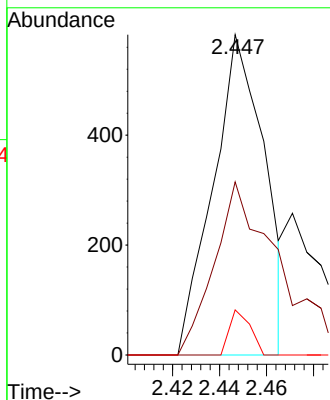


#11
Methyl Iodide
Concen: 0.684 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

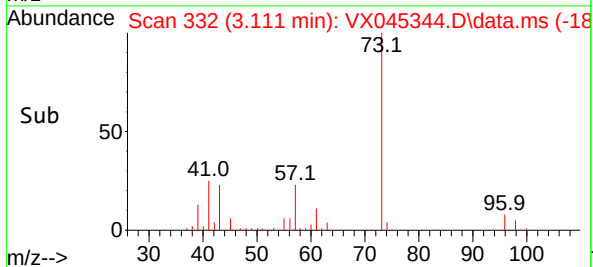
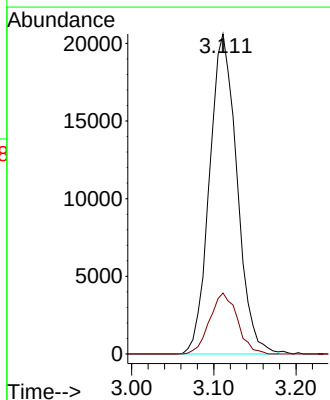
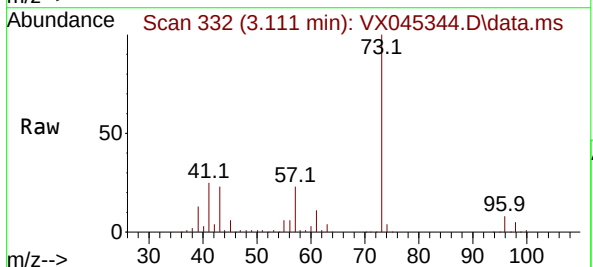


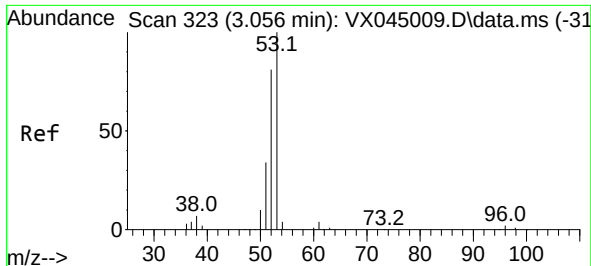
Tgt Ion:	142	Resp:	888
Ion	Ratio	Lower	Upper
142	100		
127	45.7	23.3	69.9
141	17.1	7.5	22.6



#12
Methyl Acetate
Concen: 35.933 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.414 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

Tgt Ion:	43	Resp:	47886
Ion	Ratio	Lower	Upper
43	100		
74	19.1	17.9	26.9

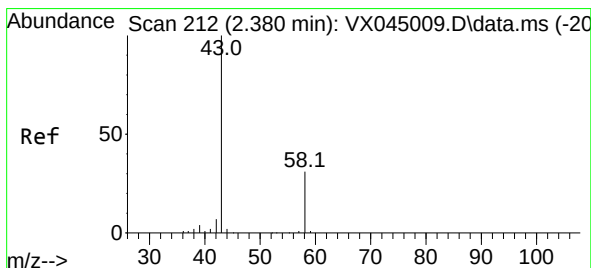
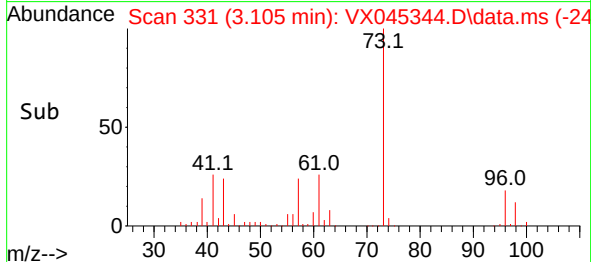
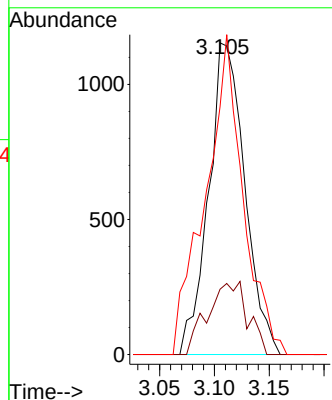
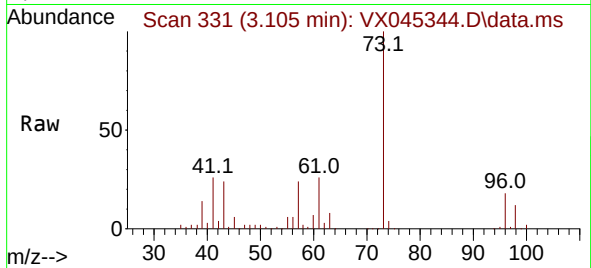




#14
Acrylonitrile
Concen: 4.070 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.049 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

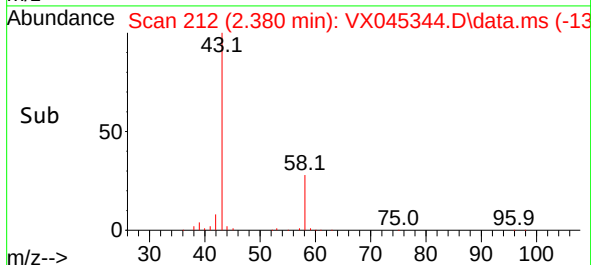
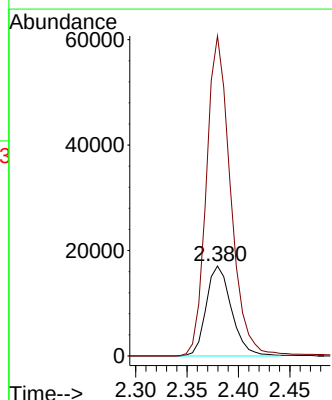
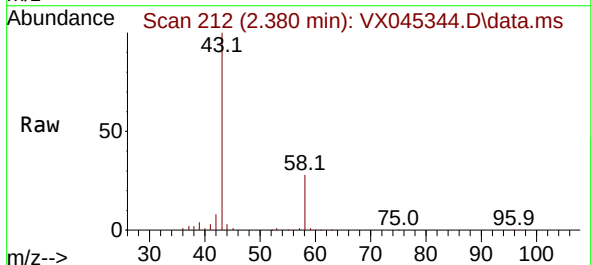
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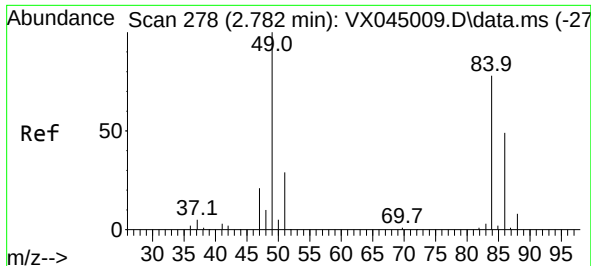
Tgt Ion: 53 Resp: 2649
Ion Ratio Lower Upper
53 100
52 17.6 40.9 122.8#
51 106.6 18.0 54.0#



#15
Acetone
Concen: 163.367 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

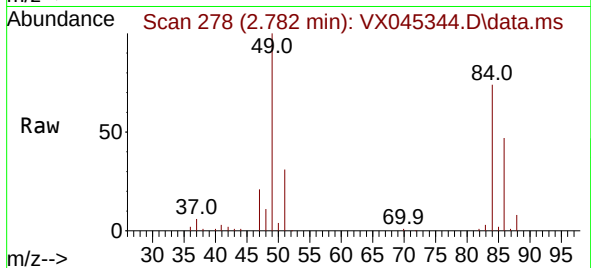
Tgt Ion: 58 Resp: 29165
Ion Ratio Lower Upper
58 100
43 355.2 258.6 388.0





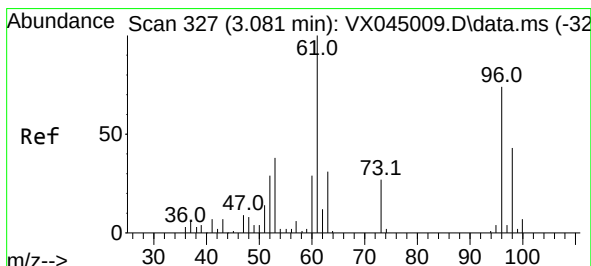
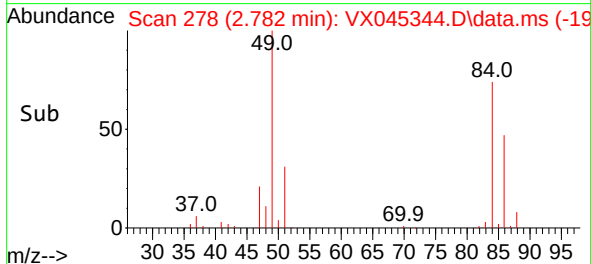
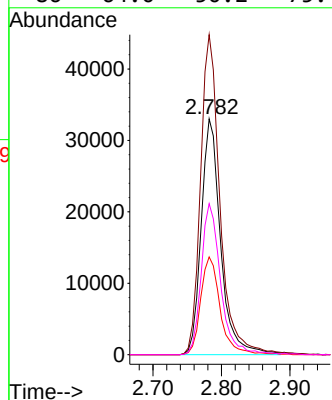
#18
Methylene Chloride
Concen: 50.661 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 84 Resp: 65393

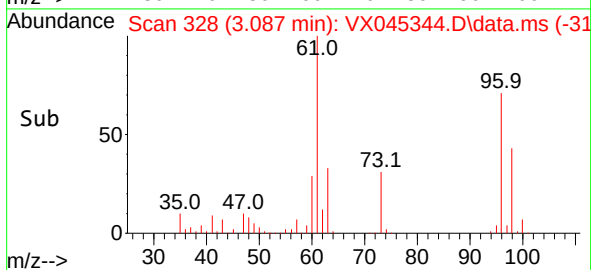
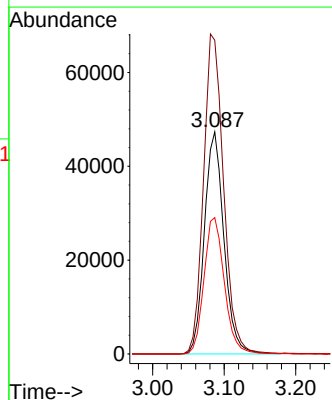
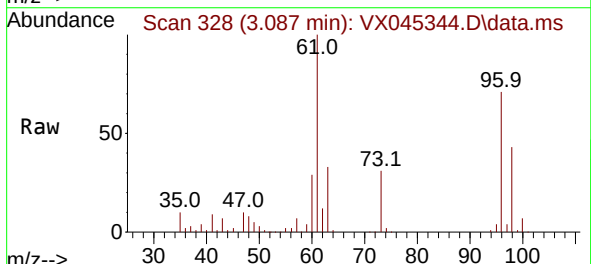
Ion	Ratio	Lower	Upper
84	100		
49	135.7	102.8	154.2
51	41.5	30.1	45.1
86	64.0	50.2	75.4

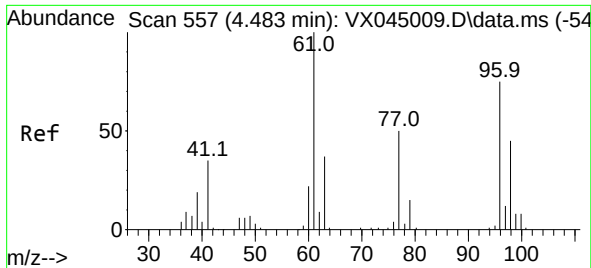


#19
trans-1,2-Dichloroethene
Concen: 77.309 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.006 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

Tgt Ion: 96 Resp: 89760

Ion	Ratio	Lower	Upper
96	100		
61	141.3	108.6	163.0
98	61.4	46.5	69.7





#22

cis-1,2-Dichloroethene

Concen: 108.985 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX045344.D

Acq: 19 Mar 2025 13:18

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

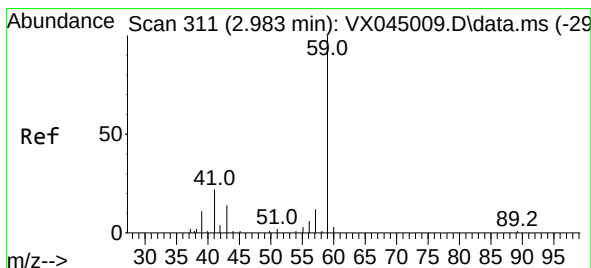
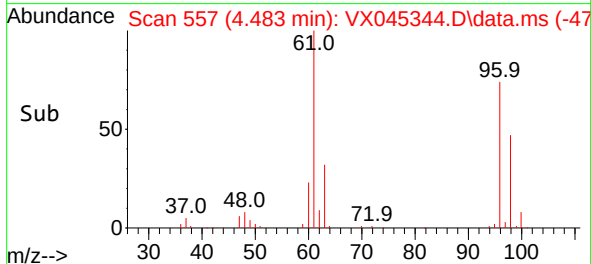
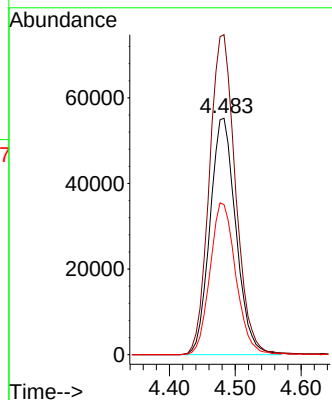
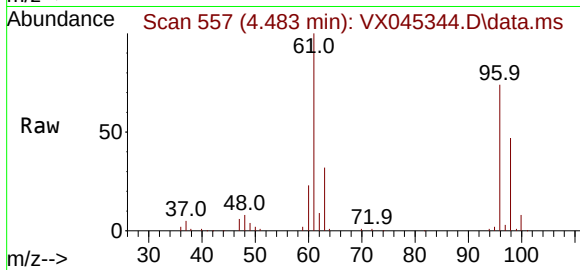
Tgt Ion: 96 Resp: 151633

Ion Ratio Lower Upper

96 100

61 136.8 118.9 178.3

98 63.8 50.7 76.1



#23

tert-Butyl Alcohol

Concen: 2.249 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.037 min

Lab File: VX045344.D

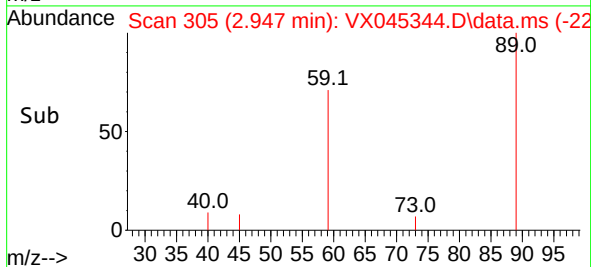
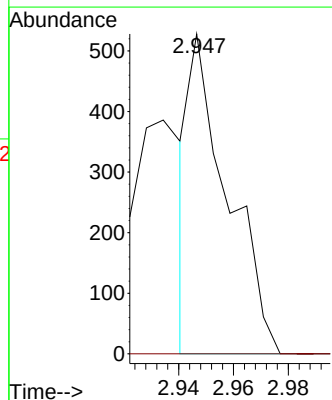
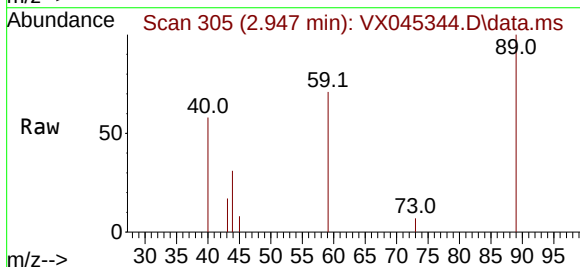
Acq: 19 Mar 2025 13:18

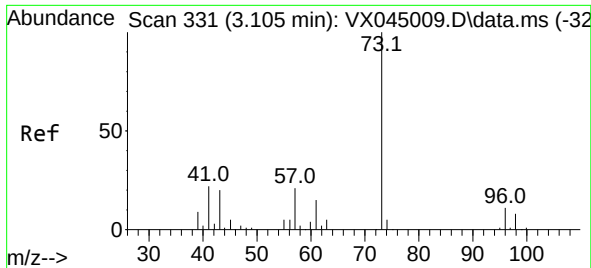
Tgt Ion: 59 Resp: 511

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0

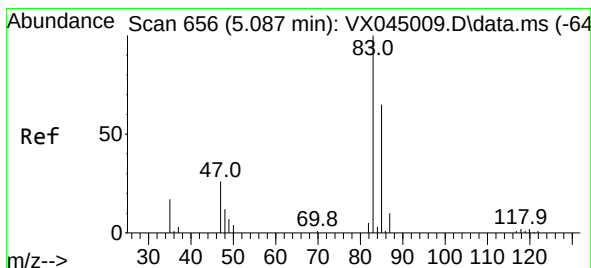
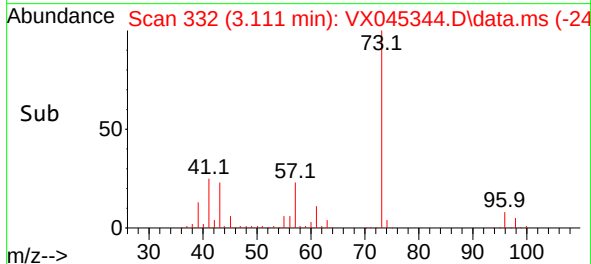
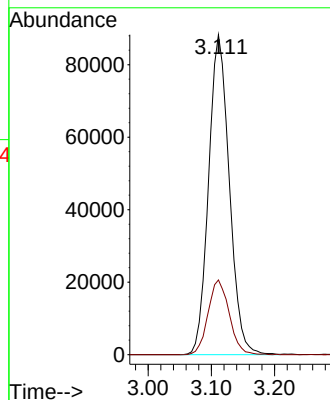
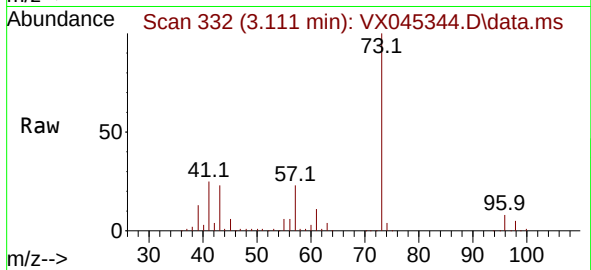




#24
Methyl tert-Butyl Ether
Concen: 53.664 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

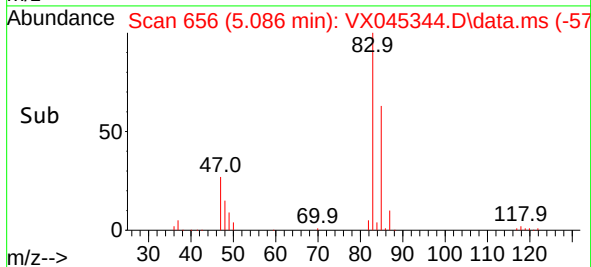
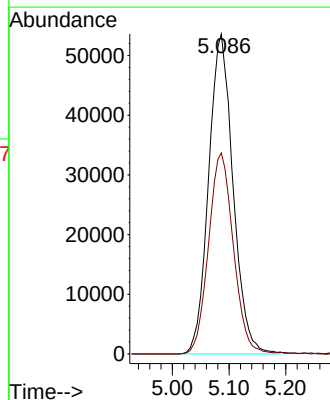
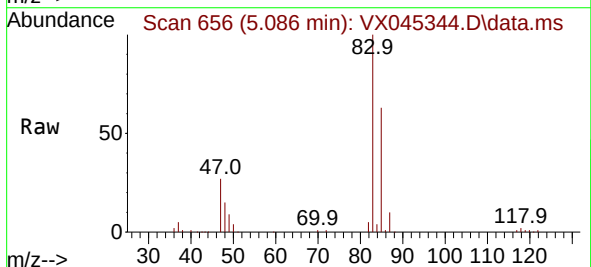
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

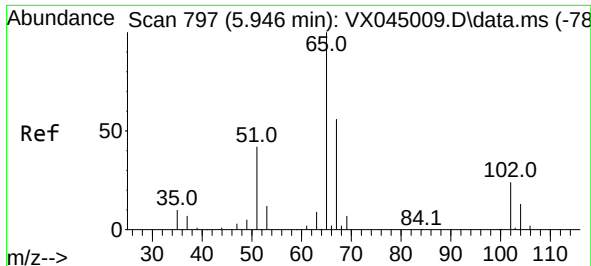
Tgt Ion: 73 Resp: 201002
Ion Ratio Lower Upper
73 100
43 23.8 17.4 26.0



#25
Chloroform
Concen: 72.350 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

Tgt Ion: 83 Resp: 160307
Ion Ratio Lower Upper
83 100
85 62.9 51.7 77.5





#27

1,2-Dichloroethane-d4

Concen: 32.722 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX045344.D

Acq: 19 Mar 2025 13:18

Instrument :

MSVOA_X

ClientSampleId :

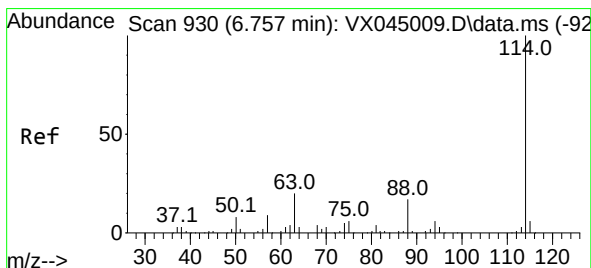
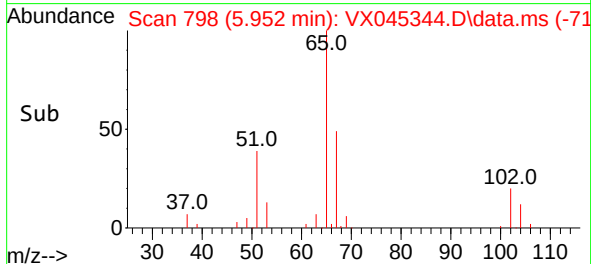
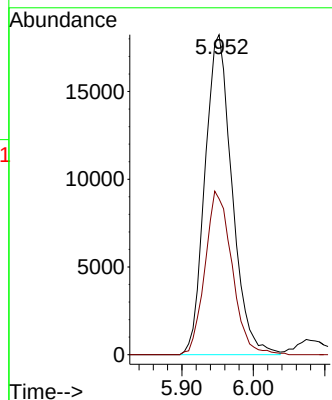
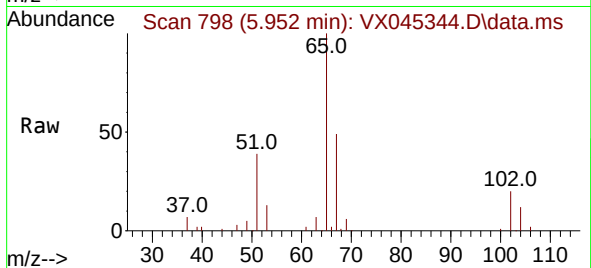
PT-VOA-WP

Tgt Ion: 65 Resp: 48012

Ion Ratio Lower Upper

65 100

67 51.0 42.6 64.0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045344.D

Acq: 19 Mar 2025 13:18

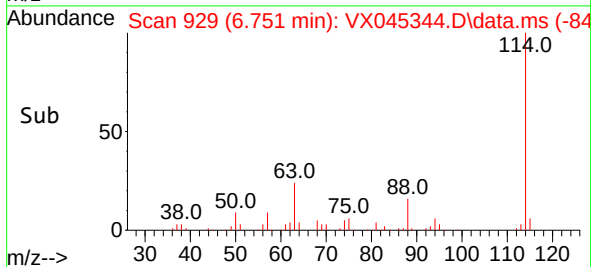
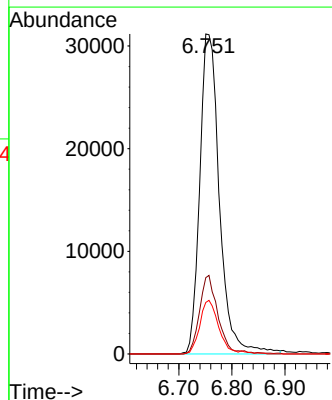
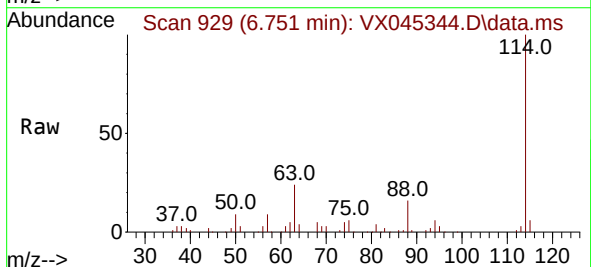
Tgt Ion: 114 Resp: 80457

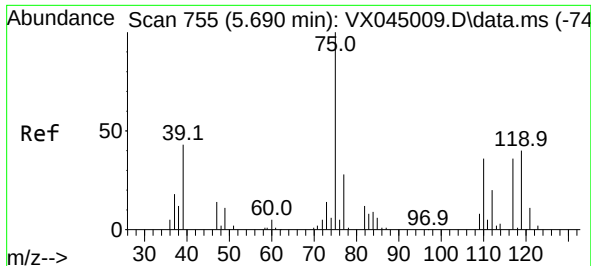
Ion Ratio Lower Upper

114 100

63 22.2 16.8 25.2

88 15.8 12.7 19.1





#29

1,1-Dichloropropene

Concen: 6.727 ug/l

RT: 6.031 min Scan# 81

Delta R.T. 0.341 min

Lab File: VX045344.D

Acq: 19 Mar 2025 13:18

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

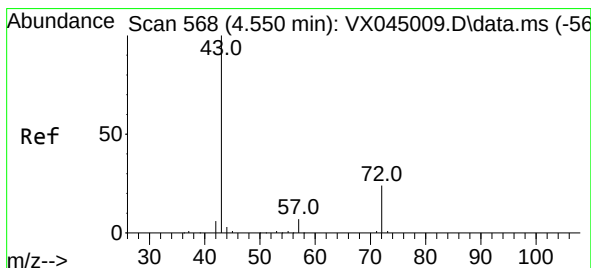
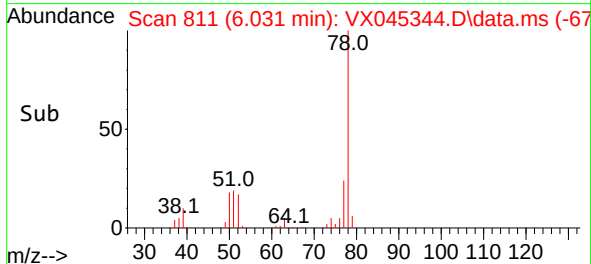
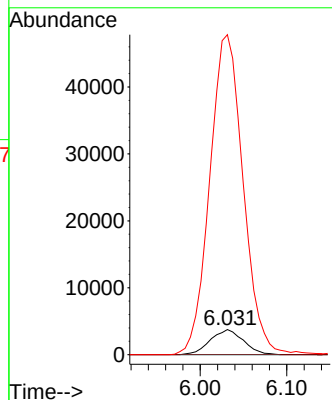
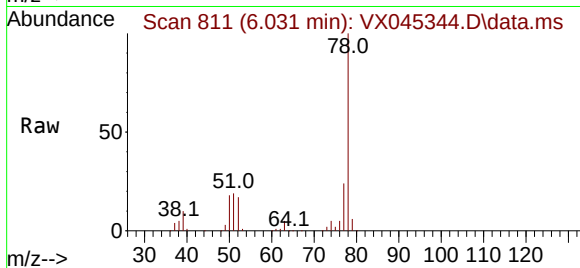
Tgt Ion: 75 Resp: 9956

Ion Ratio Lower Upper

75 100

110 0.0 0.0 69.2

77 1284.3 0.0 61.0#



#30

2-Butanone

Concen: 44.919 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.012 min

Lab File: VX045344.D

Acq: 19 Mar 2025 13:18

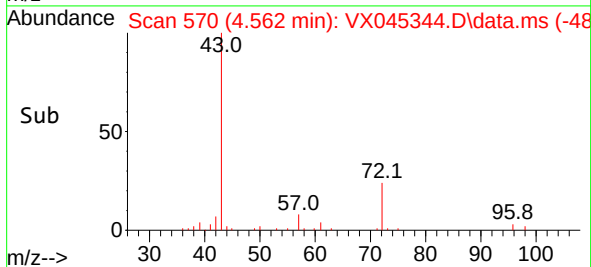
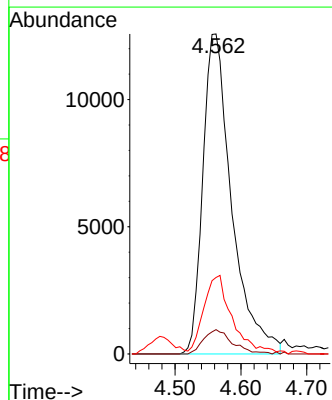
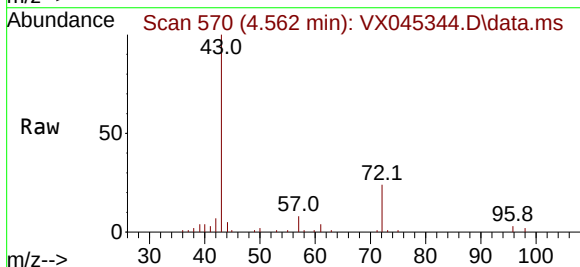
Tgt Ion: 43 Resp: 38399

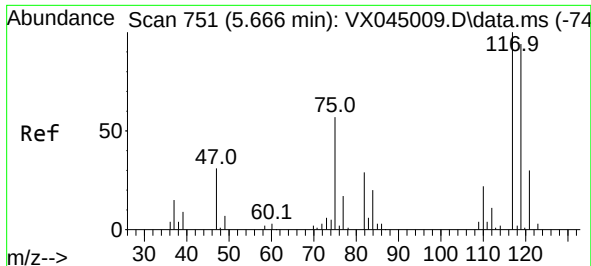
Ion Ratio Lower Upper

43 100

57 7.3 6.2 9.2

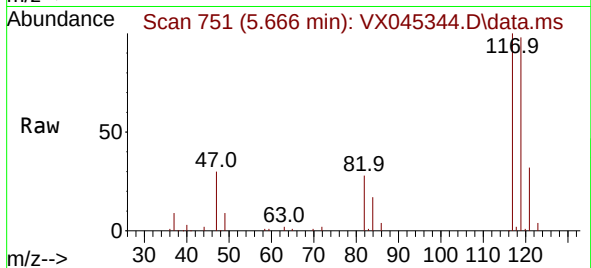
72 21.5 20.2 30.2



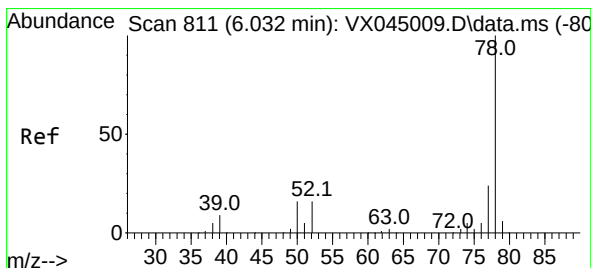
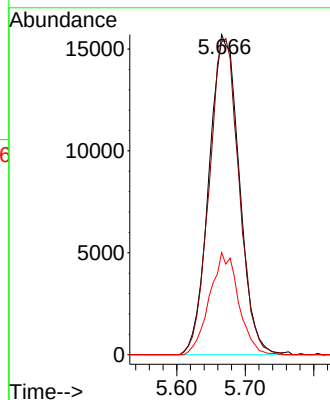
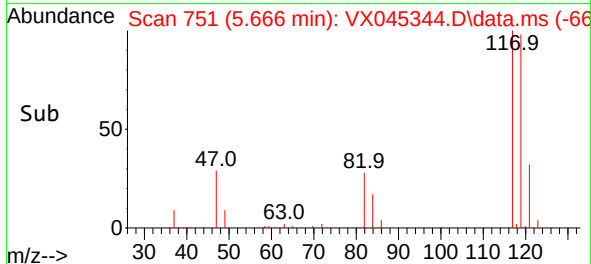


#33
Carbon Tetrachloride
Concen: 31.760 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

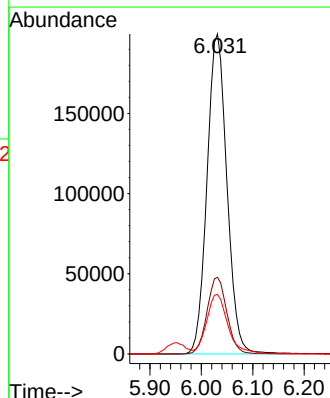
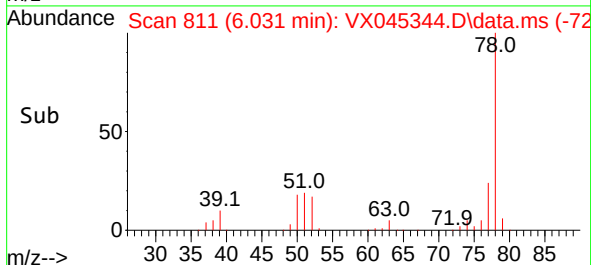
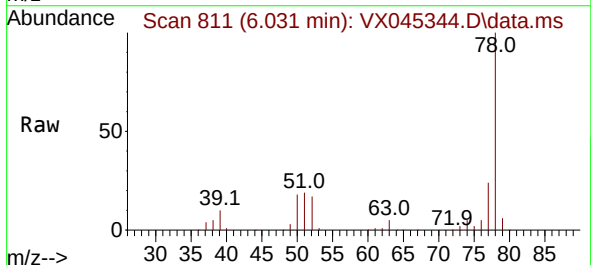


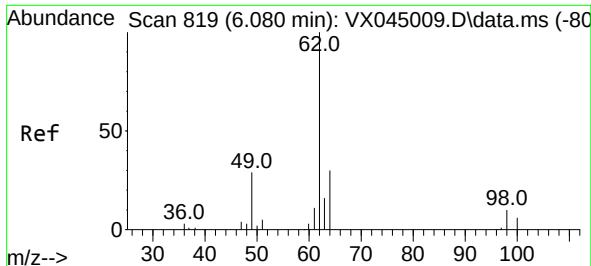
Tgt Ion:117 Resp: 48066
Ion Ratio Lower Upper
117 100
119 97.6 75.1 112.7
121 31.9 23.9 35.9



#34
Benzene
Concen: 115.475 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

Tgt Ion: 78 Resp: 535949
Ion Ratio Lower Upper
78 100
77 24.0 19.6 29.4
51 18.5 13.8 20.6

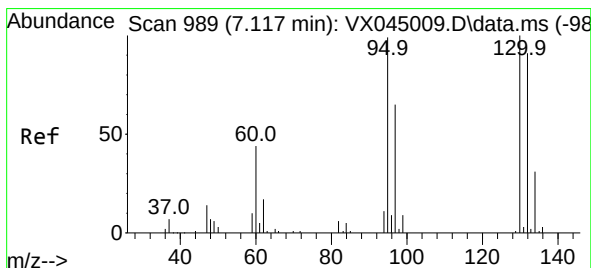
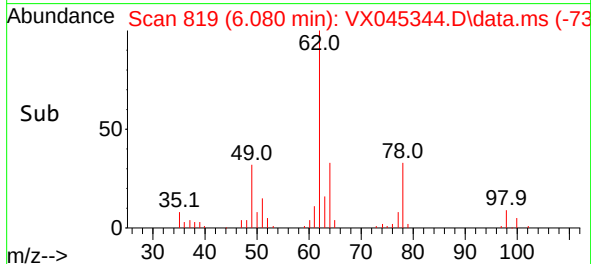
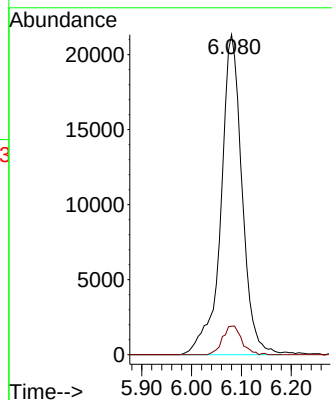
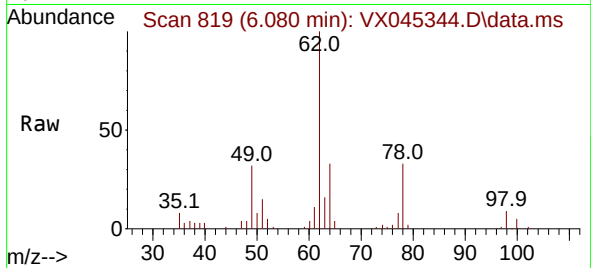




#36
1,2-Dichloroethane
Concen: 39.548 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

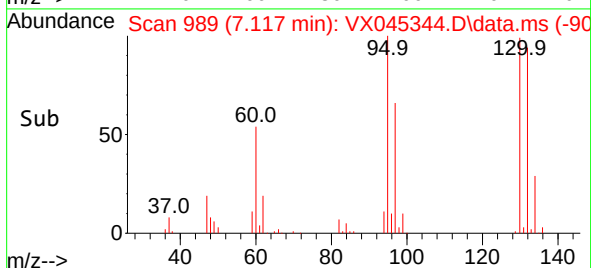
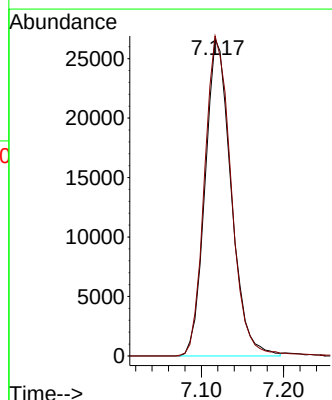
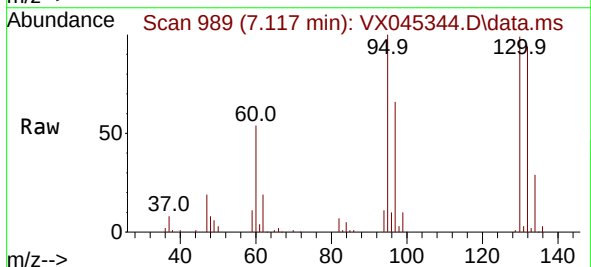
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

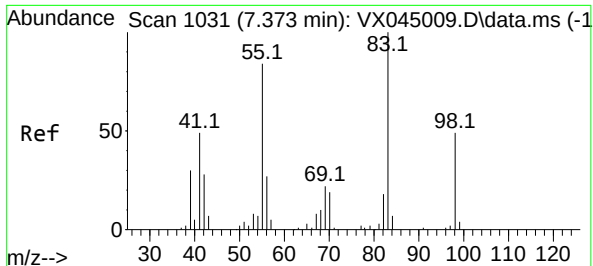
Tgt Ion: 62 Resp: 62842
Ion Ratio Lower Upper
62 100
98 8.1 7.9 11.9



#37
Trichloroethene
Concen: 53.926 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.000 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

Tgt Ion:130 Resp: 58554
Ion Ratio Lower Upper
130 100
95 100.7 79.0 118.4

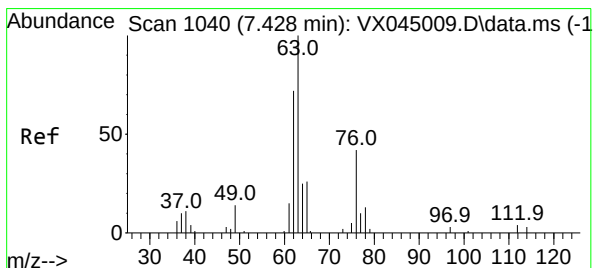
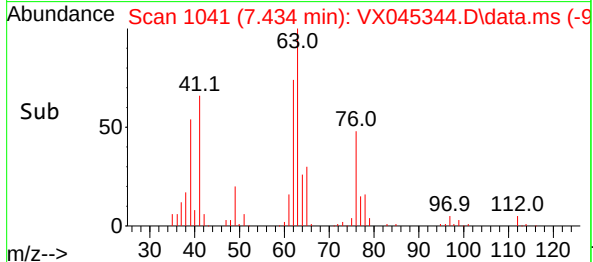
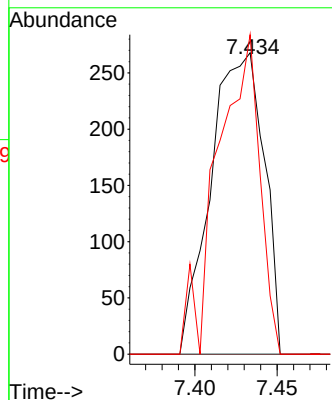
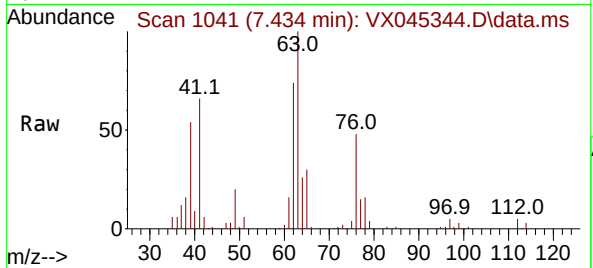




#38
Methylcyclohexane
Concen: 0.302 ug/l
RT: 7.434 min Scan# 1038
Delta R.T. 0.061 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

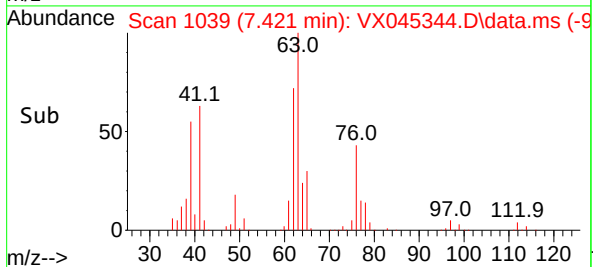
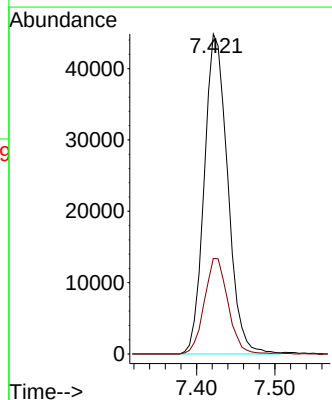
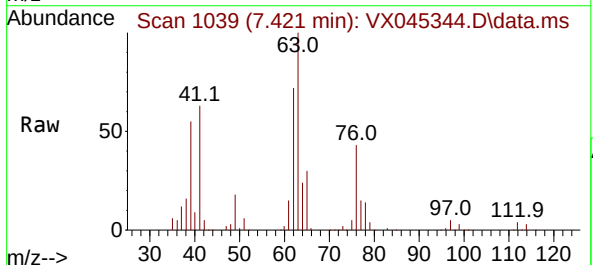
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

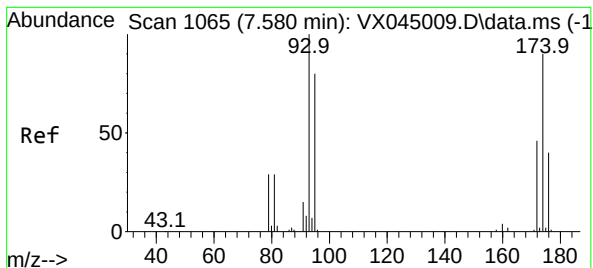
Tgt Ion: 83 Resp: 601
Ion Ratio Lower Upper
83 100
55 0.0 40.6 122.0#
98 78.9 24.9 74.6#



#39
1,2-Dichloropropane
Concen: 80.823 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

Tgt Ion: 63 Resp: 93261
Ion Ratio Lower Upper
63 100
65 29.8 24.3 36.5





#40

Dibromomethane

Concen: 107.426 ug/l

RT: 7.574 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VX045344.D

Acq: 19 Mar 2025 13:18

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

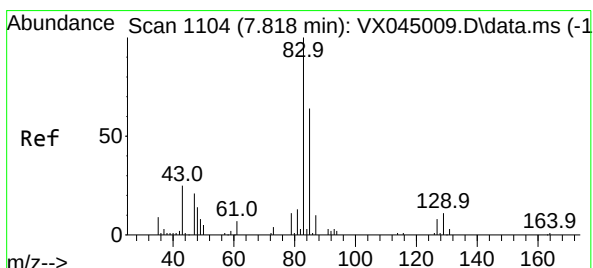
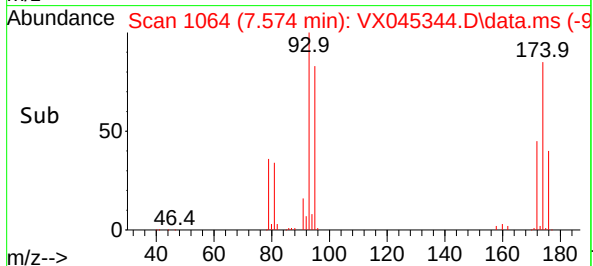
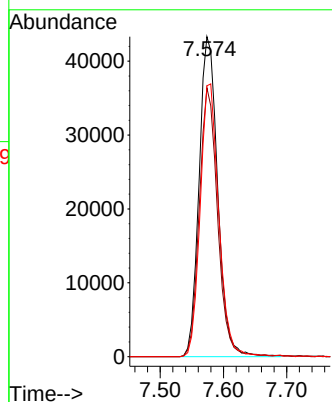
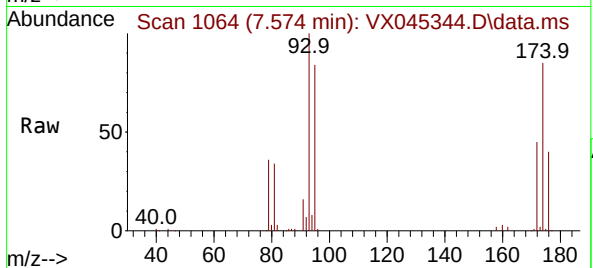
Tgt Ion: 93 Resp: 88952

Ion Ratio Lower Upper

93 100

95 82.1 0.0 162.6

174 84.8 0.0 178.8



#41

Bromodichloromethane

Concen: 16.861 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX045344.D

Acq: 19 Mar 2025 13:18

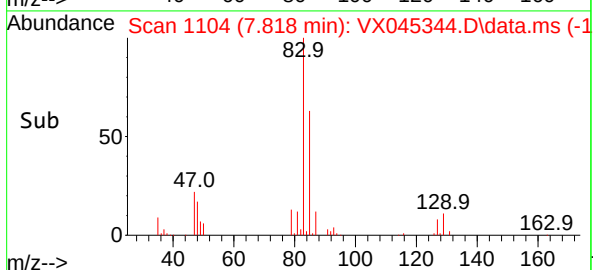
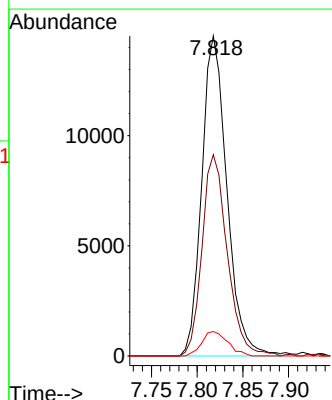
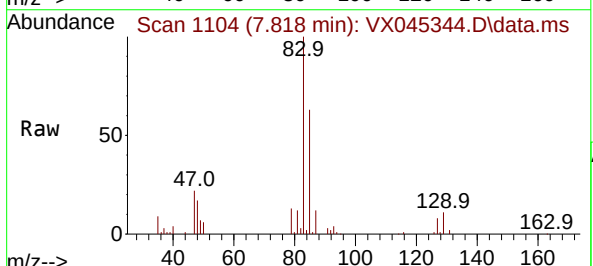
Tgt Ion: 83 Resp: 27748

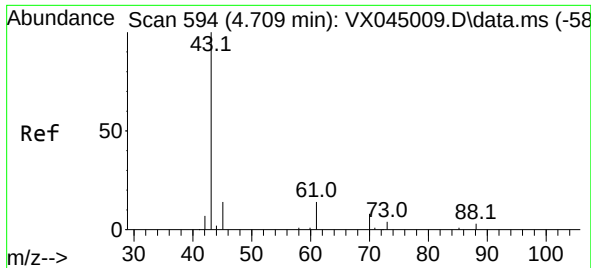
Ion Ratio Lower Upper

83 100

85 62.9 51.0 76.6

127 7.6 6.1 9.1

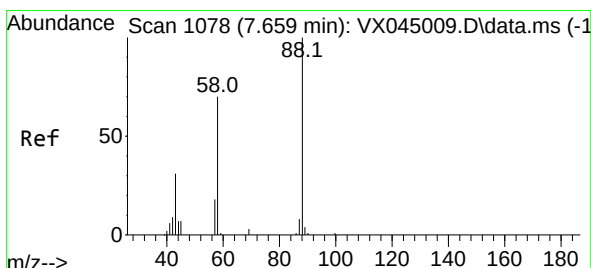
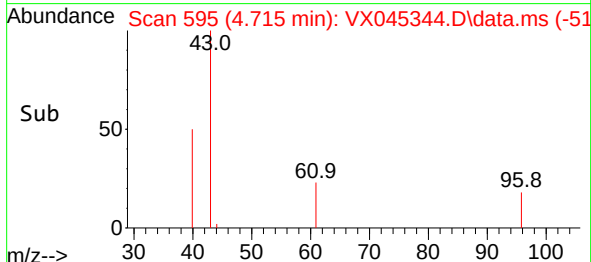
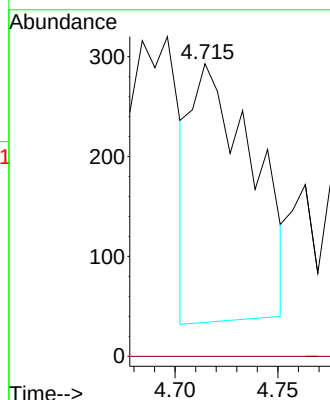
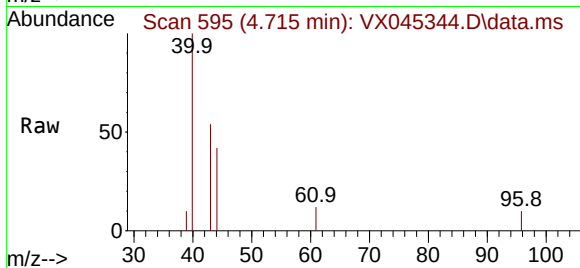




#43
Ethyl Acetate
Concen: 0.336 ug/l
RT: 4.715 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

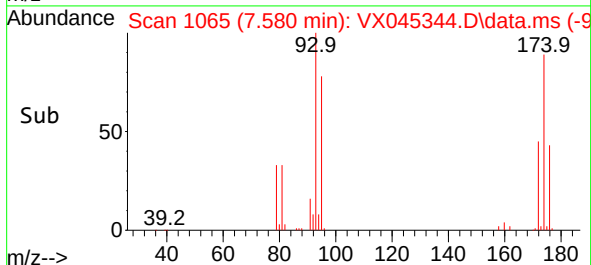
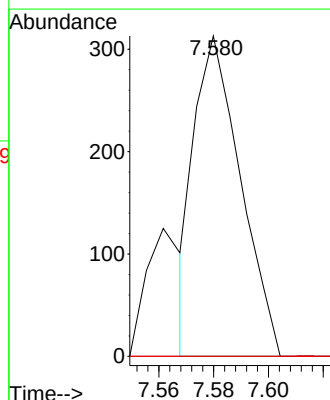
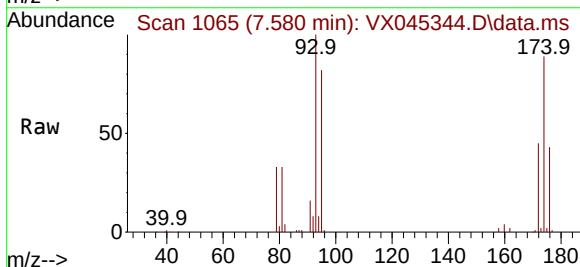
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

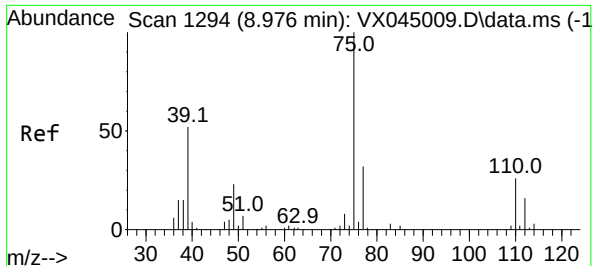
Tgt Ion: 43 Resp: 538
Ion Ratio Lower Upper
43 100
45 0.0 12.7 19.1#



#45
1,4-Dioxane
Concen: 13.307 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.079 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

Tgt Ion: 88 Resp: 365
Ion Ratio Lower Upper
88 100
43 0.0 29.6 44.4#
58 0.0 56.2 84.4#





#48

t-1,3-Dichloropropene

Concen: 74.033 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045344.D

Acq: 19 Mar 2025 13:18

Instrument :

MSVOA_X

ClientSampleId :

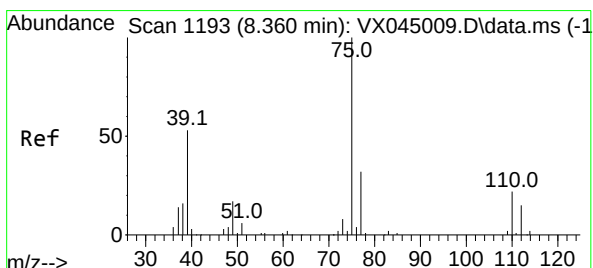
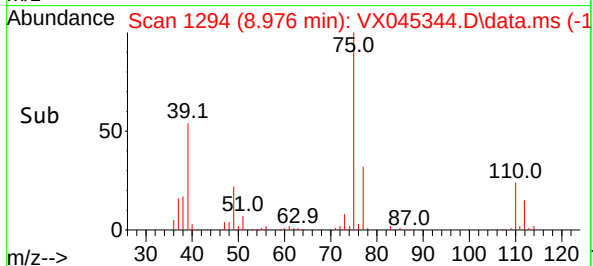
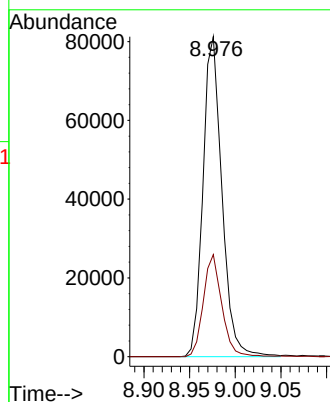
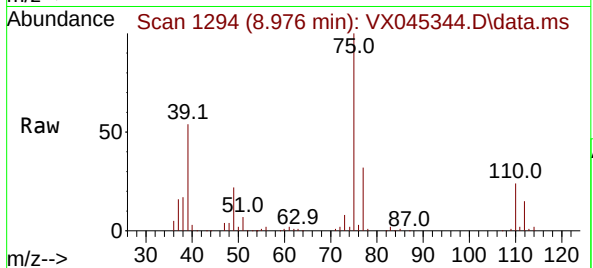
PT-VOA-WP

Tgt Ion: 75 Resp: 117438

Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5



#49

cis-1,3-Dichloropropene

Concen: 54.696 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045344.D

Acq: 19 Mar 2025 13:18

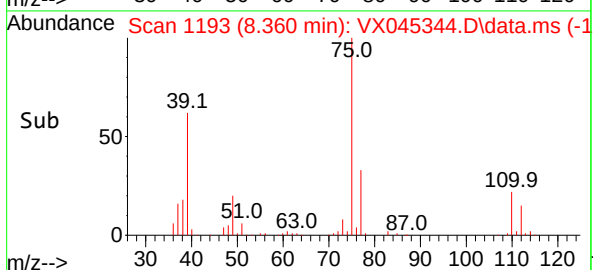
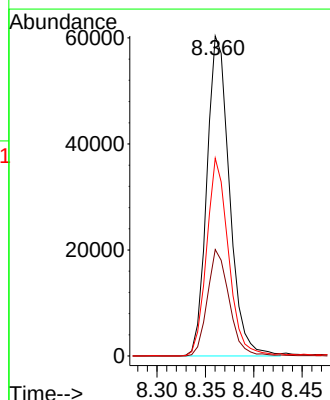
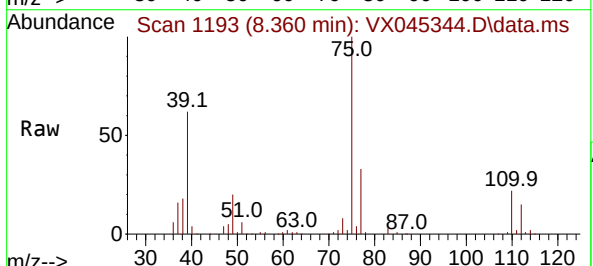
Tgt Ion: 75 Resp: 98218

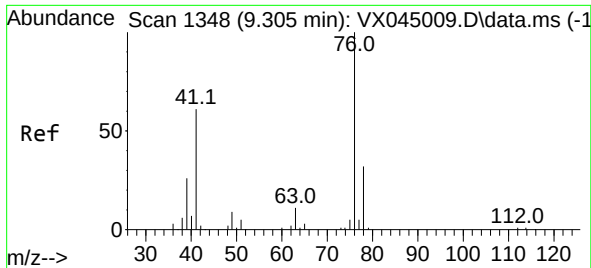
Ion Ratio Lower Upper

75 100

77 33.2 25.9 38.9

39 61.8 42.3 63.5

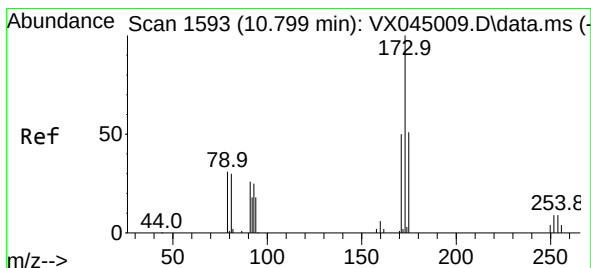
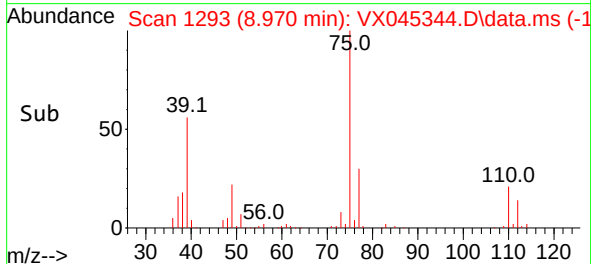
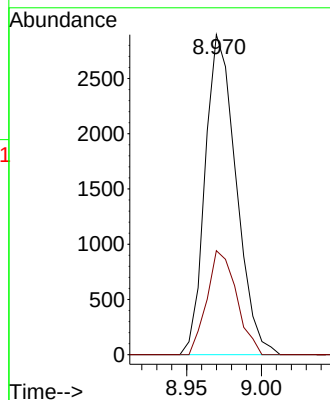
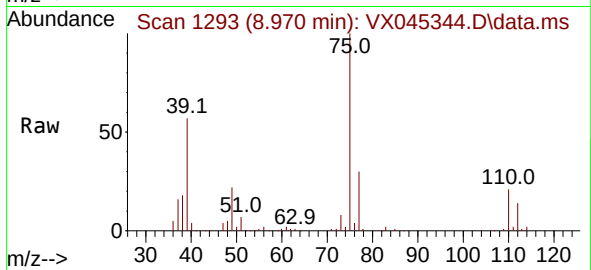




#52
1,3-Dichloropropane
Concen: 2.205 ug/l
RT: 8.970 min Scan# 11
Delta R.T. -0.335 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

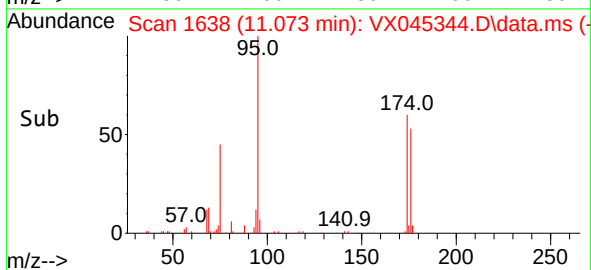
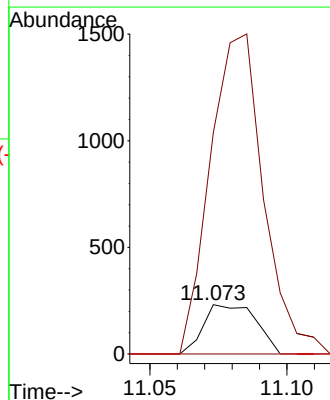
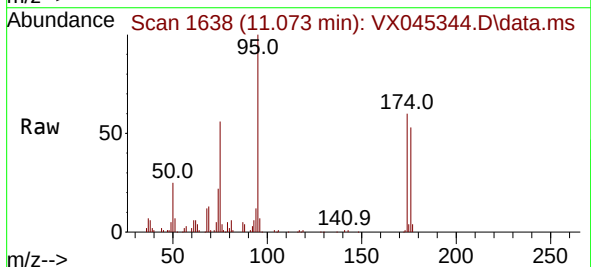
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

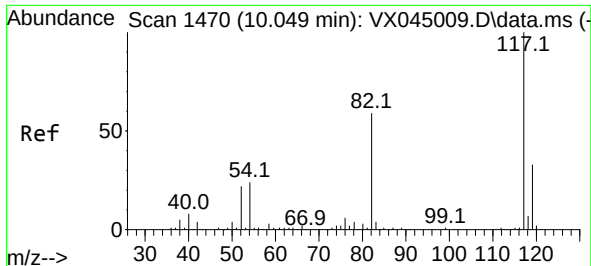
Tgt Ion: 76 Resp: 4172
Ion Ratio Lower Upper
76 100
78 31.0 0.0 63.6



#56
Bromoform
Concen: 0.411 ug/l
RT: 11.073 min Scan# 1638
Delta R.T. 0.274 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

Tgt Ion:173 Resp: 308
Ion Ratio Lower Upper
173 100
175 660.4 39.6 59.4#
254 0.0 6.3 9.5#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045344.D

Acq: 19 Mar 2025 13:18

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

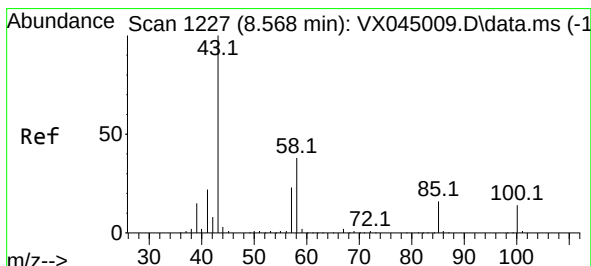
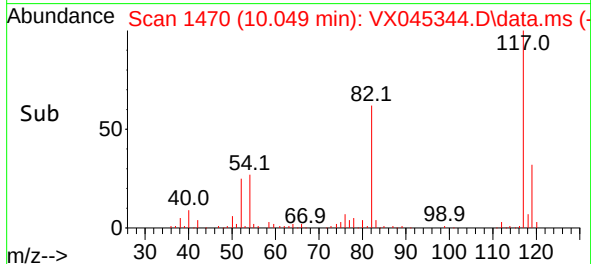
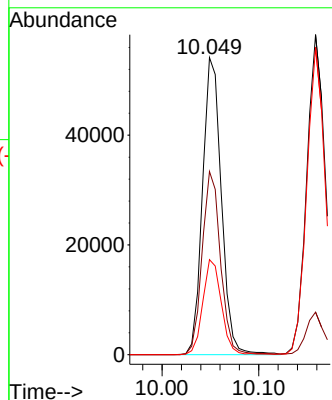
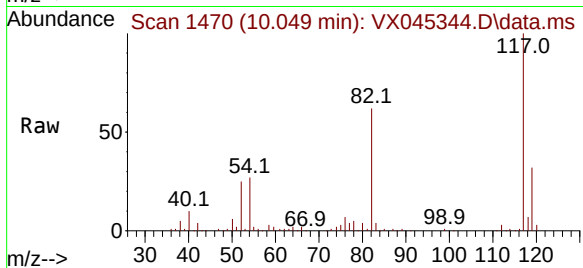
Tgt Ion:117 Resp: 73631

Ion Ratio Lower Upper

117 100

82 59.8 45.8 68.8

119 31.3 25.5 38.3



#58

4-Methyl-2-Pentanone

Concen: 135.624 ug/l

RT: 8.567 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VX045344.D

Acq: 19 Mar 2025 13:18

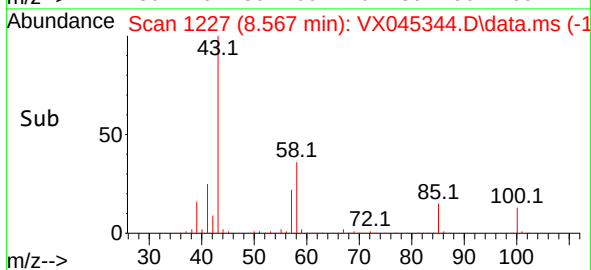
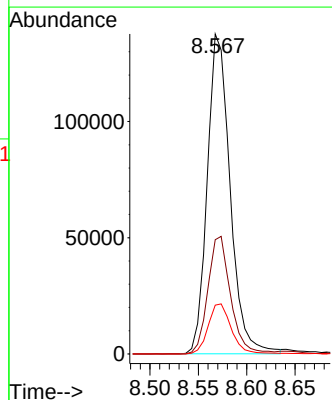
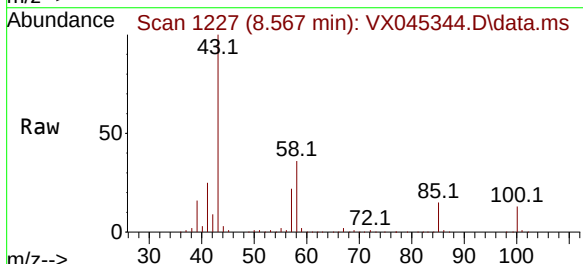
Tgt Ion: 43 Resp: 227163

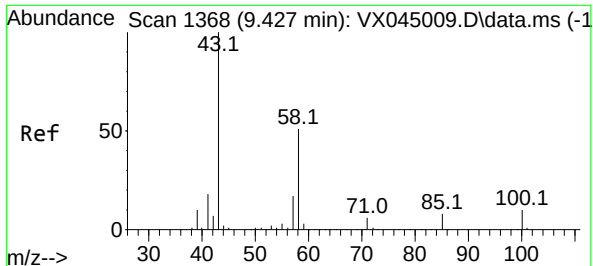
Ion Ratio Lower Upper

43 100

58 36.4 29.5 44.3

85 16.0 12.9 19.3





#59

2-Hexanone

Concen: 155.956 ug/l

RT: 9.427 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045344.D

Acq: 19 Mar 2025 13:18

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

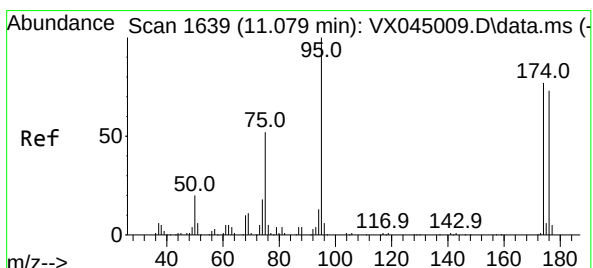
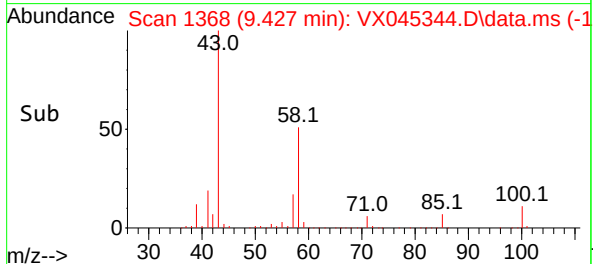
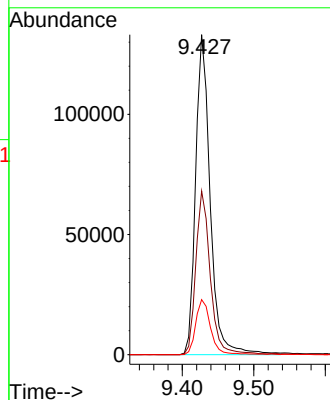
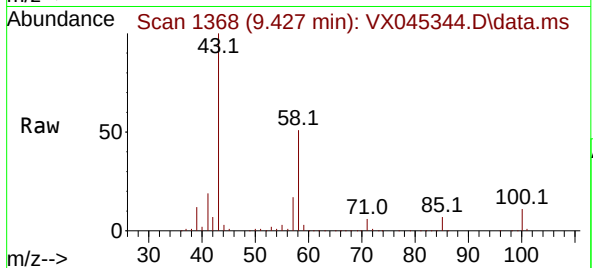
Tgt Ion: 43 Resp: 188811

Ion Ratio Lower Upper

43 100

58 50.7 41.6 62.4

57 17.6 13.8 20.6



#60

4-Bromofluorobenzene

Concen: 29.903 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX045344.D

Acq: 19 Mar 2025 13:18

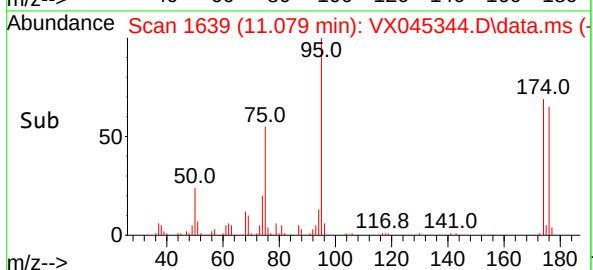
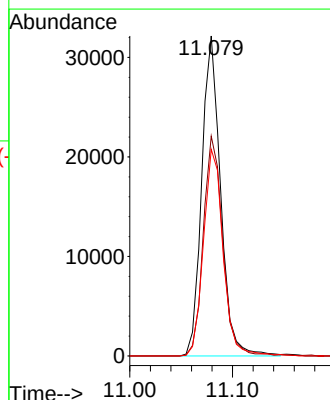
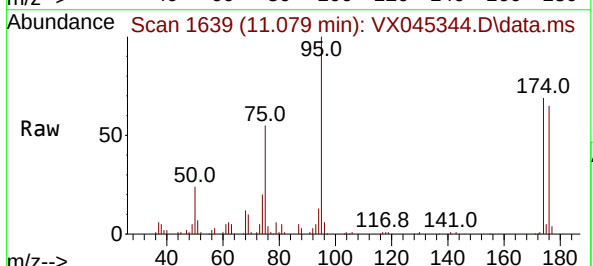
Tgt Ion: 95 Resp: 41154

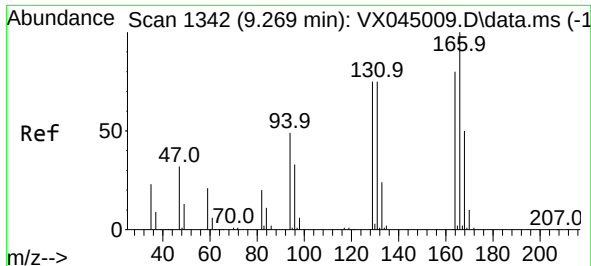
Ion Ratio Lower Upper

95 100

174 69.9 59.5 89.3

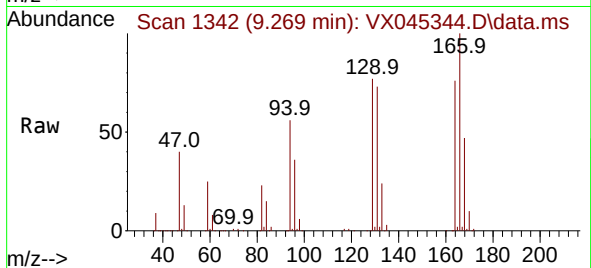
176 67.3 55.5 83.3



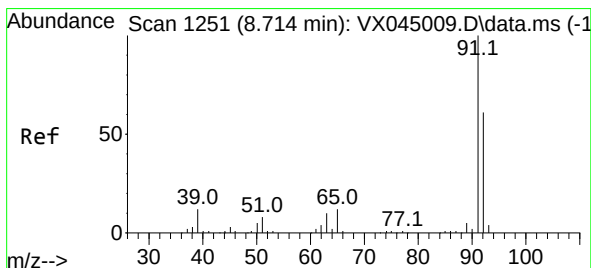
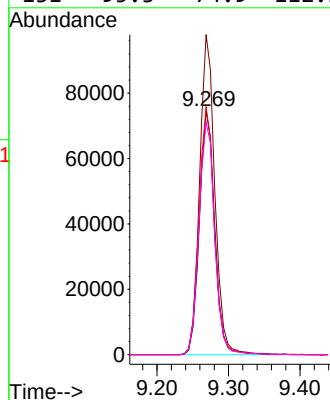
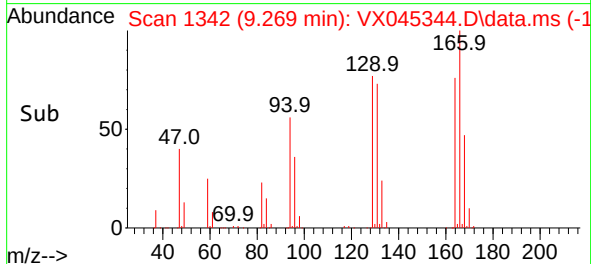


#61
Tetrachloroethene
Concen: 122.527 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

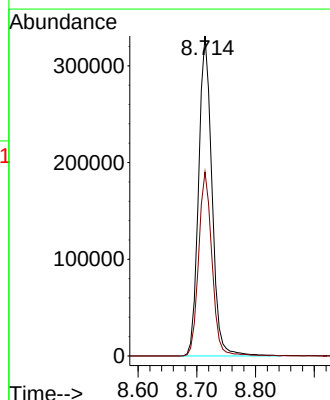
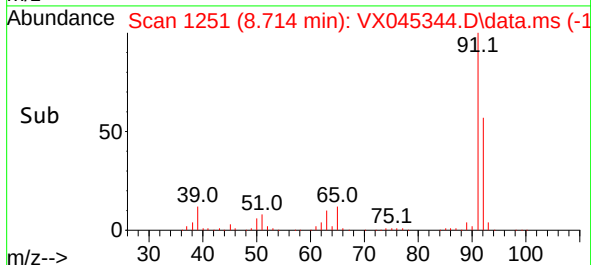
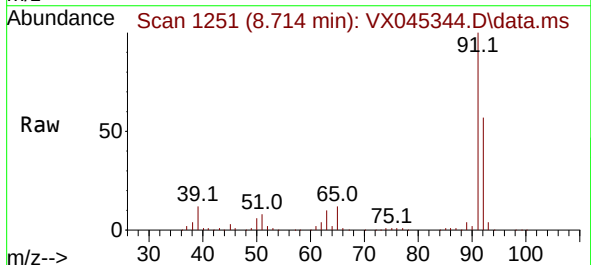


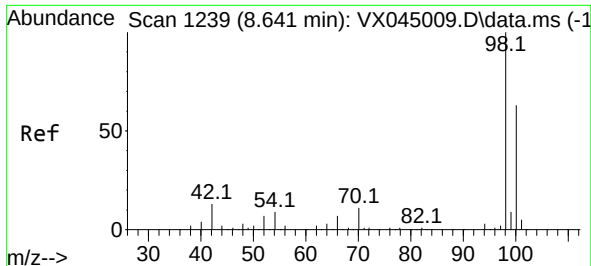
Tgt Ion:164 Resp: 111094
Ion Ratio Lower Upper
164 100
166 131.2 100.3 150.5
129 101.5 75.5 113.3
131 95.3 74.9 112.3



#62
Toluene
Concen: 106.885 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

Tgt Ion: 91 Resp: 521344
Ion Ratio Lower Upper
91 100
92 57.4 46.9 70.3

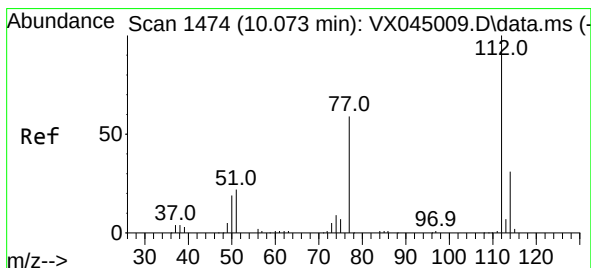
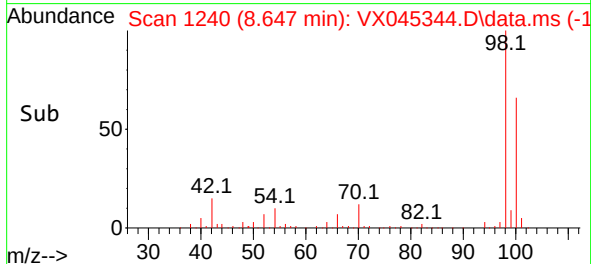
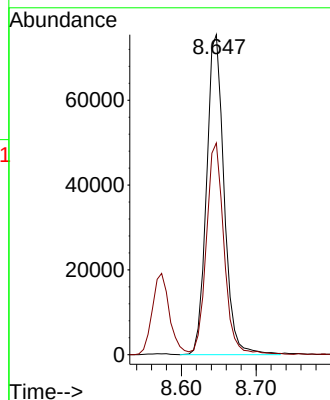
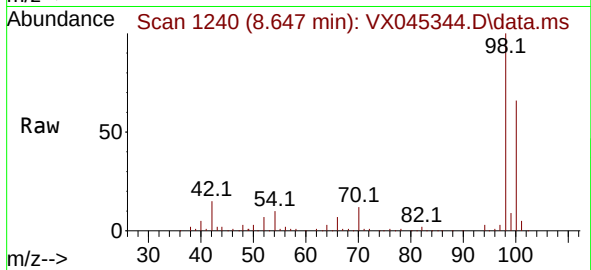




#63
Toluene-d8
Concen: 30.190 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

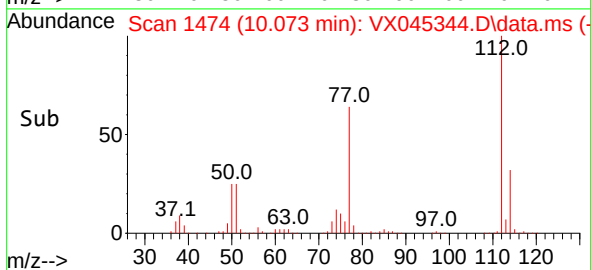
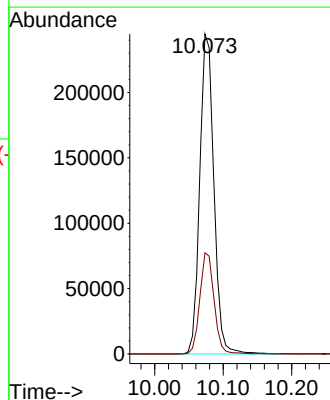
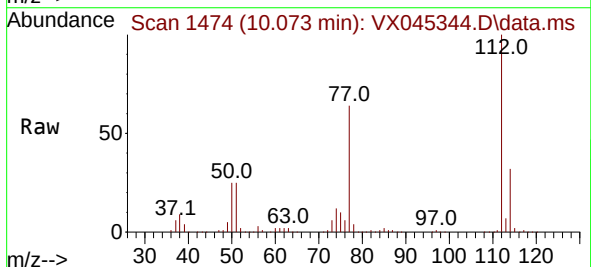
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

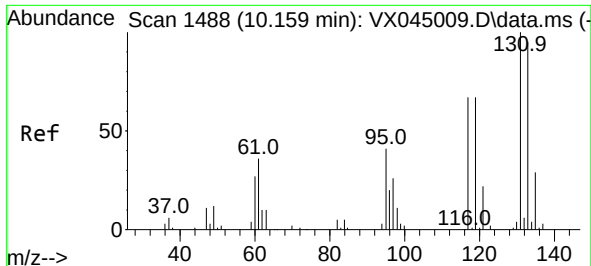
Tgt Ion: 98 Resp: 122975
Ion Ratio Lower Upper
98 100
100 66.1 51.7 77.5



#64
Chlorobenzene
Concen: 116.236 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

Tgt Ion: 112 Resp: 351323
Ion Ratio Lower Upper
112 100
114 31.6 24.7 37.1

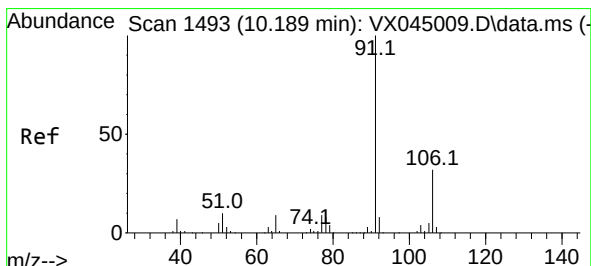
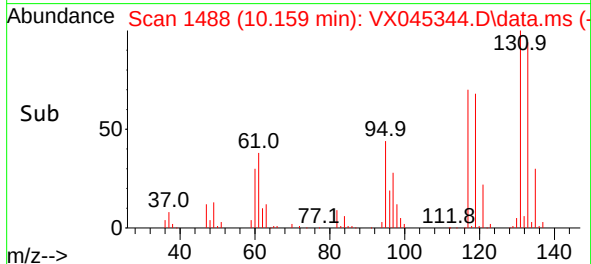
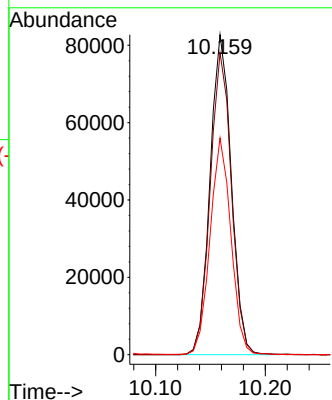
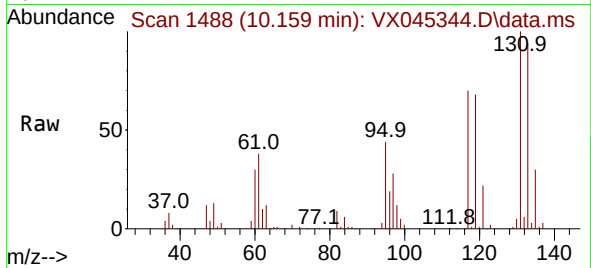




#65
1,1,1,2-Tetrachloroethane
Concen: 111.771 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

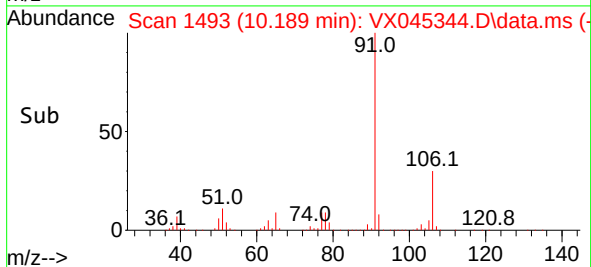
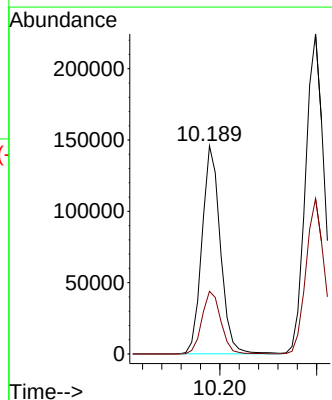
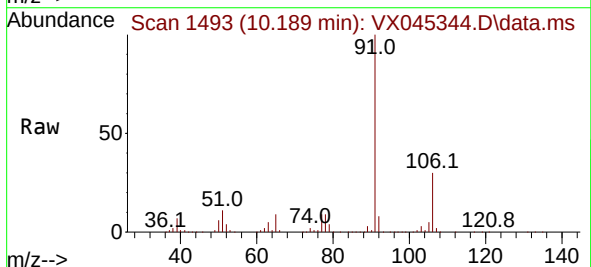
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

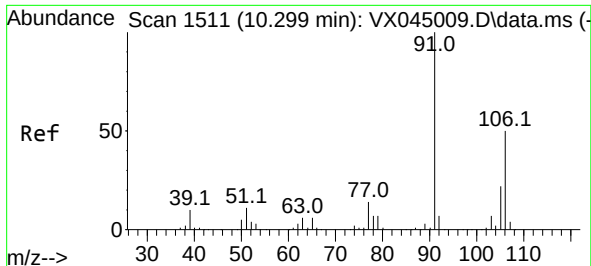
Tgt Ion:131 Resp: 111473
Ion Ratio Lower Upper
131 100
133 94.3 0.0 187.8
119 66.1 0.0 133.0



#66
Ethyl Benzene
Concen: 36.142 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

Tgt Ion: 91 Resp: 193001
Ion Ratio Lower Upper
91 100
106 30.2 25.4 38.2

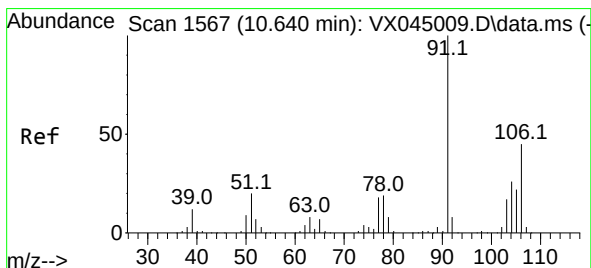
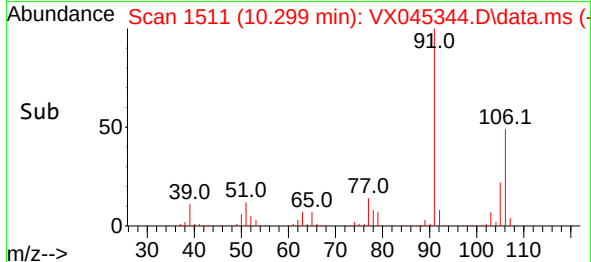
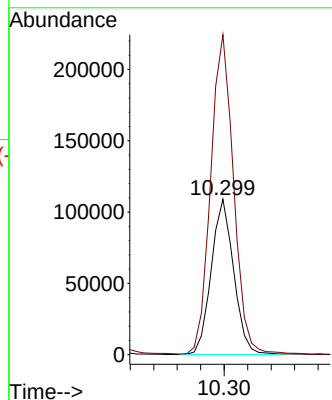
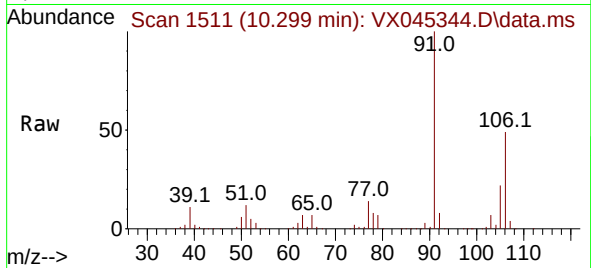




#67
m/p-Xylenes
Concen: 72.457 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

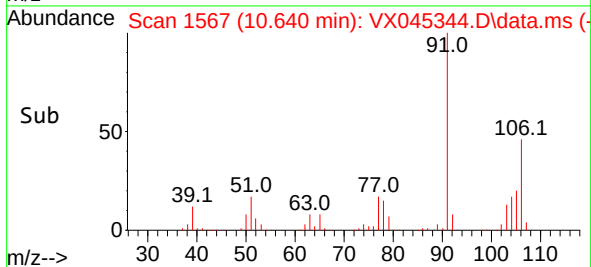
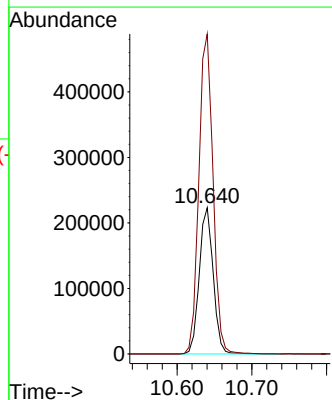
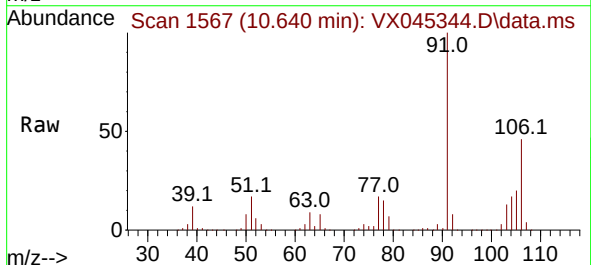
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

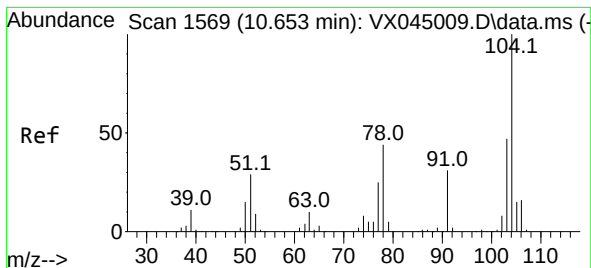
Tgt Ion:106 Resp: 144161
Ion Ratio Lower Upper
106 100
91 210.3 163.7 245.5



#68
o-Xylene
Concen: 147.631 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

Tgt Ion:106 Resp: 288194
Ion Ratio Lower Upper
106 100
91 222.5 109.7 329.1





#69

Styrene

Concen: 89.295 ug/l

RT: 10.652 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045344.D

Acq: 19 Mar 2025 13:18

Instrument :

MSVOA_X

ClientSampleId :

PT-VOA-WP

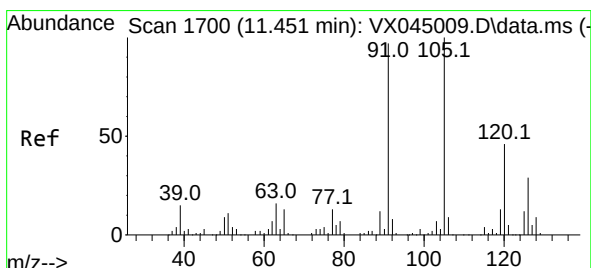
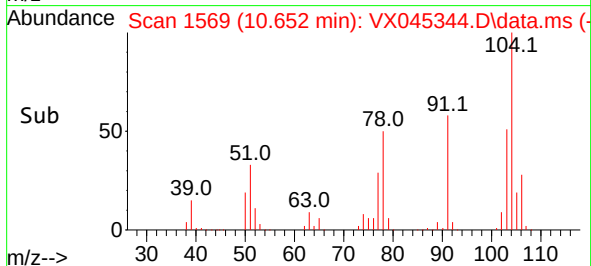
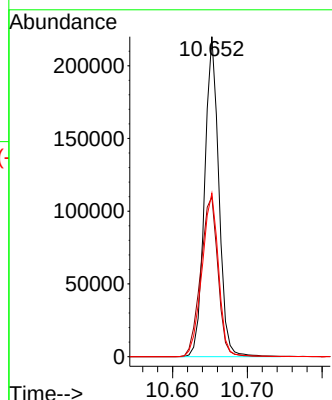
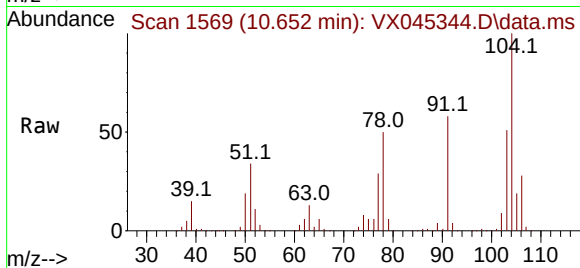
Tgt Ion:104 Resp: 291135

Ion Ratio Lower Upper

104 100

78 60.5 41.4 62.0

103 59.1 43.0 64.4



#76

1,3,5-Trimethylbenzene

Concen: 94.031 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX045344.D

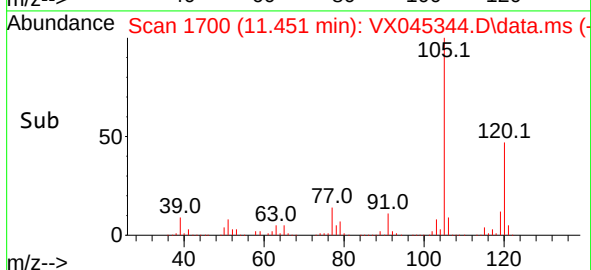
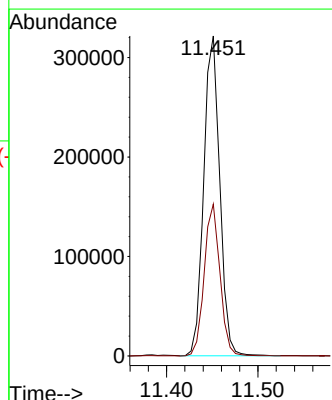
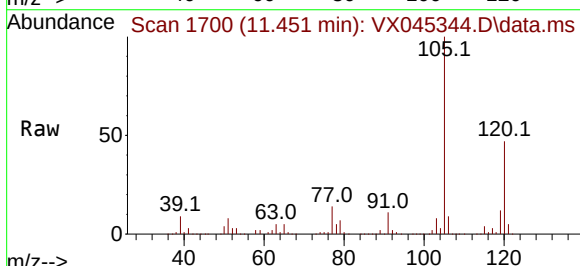
Acq: 19 Mar 2025 13:18

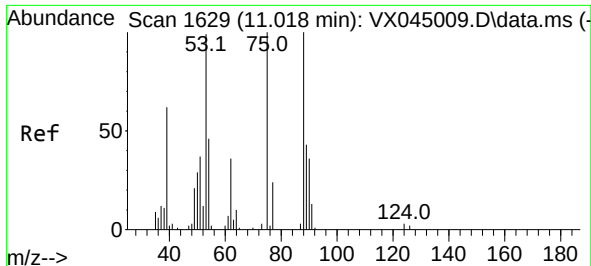
Tgt Ion:105 Resp: 390792

Ion Ratio Lower Upper

105 100

120 46.6 0.0 94.4

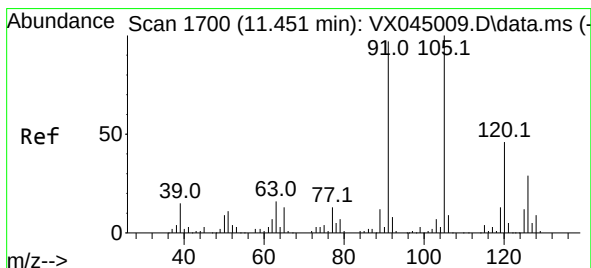
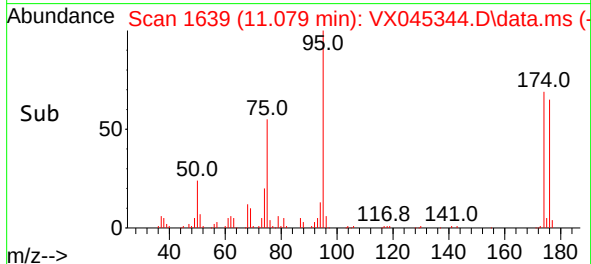
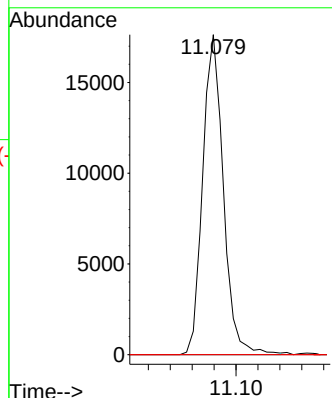
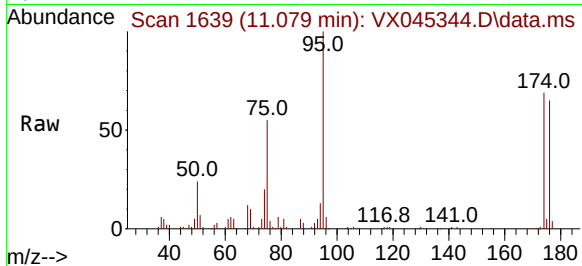




#77
t-1,4-Dichloro-2-butene
Concen: 50.232 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

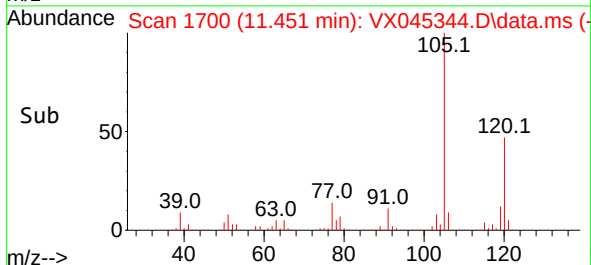
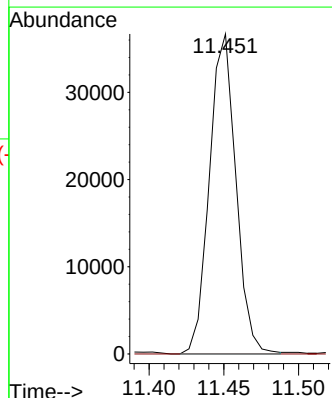
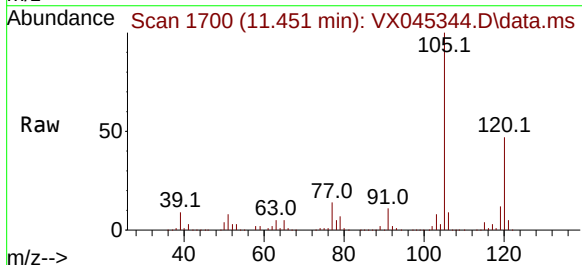
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

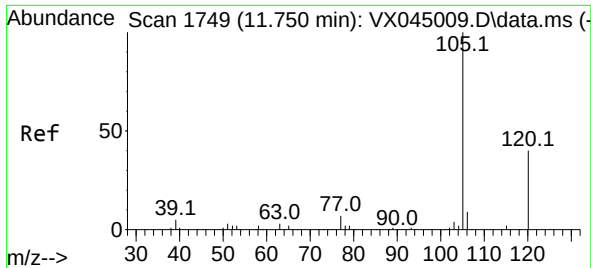
Tgt Ion: 75 Resp: 23027
Ion Ratio Lower Upper
75 100
53 0.0 49.8 149.4#
89 0.0 21.4 64.2#



#78
4-Chlorotoluene
Concen: 11.219 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

Tgt Ion: 91 Resp: 45326
Ion Ratio Lower Upper
91 100
126 0.0 0.0 58.0

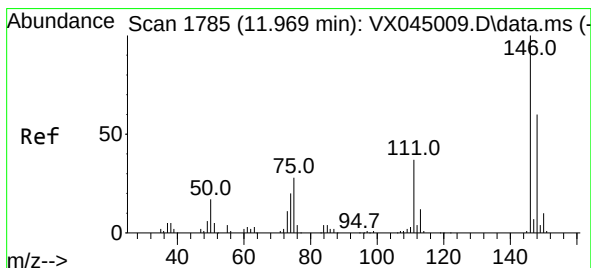
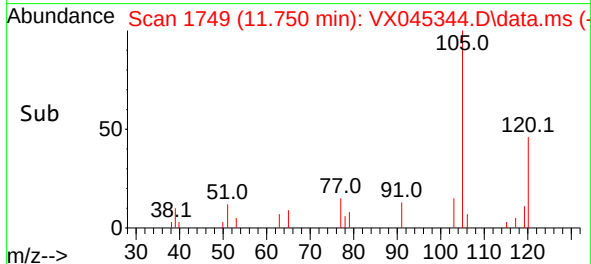
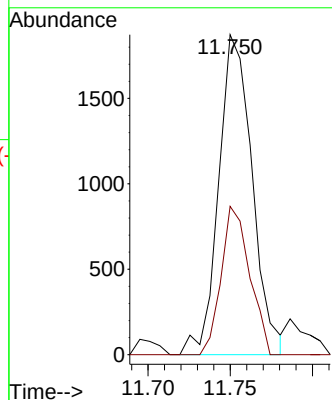
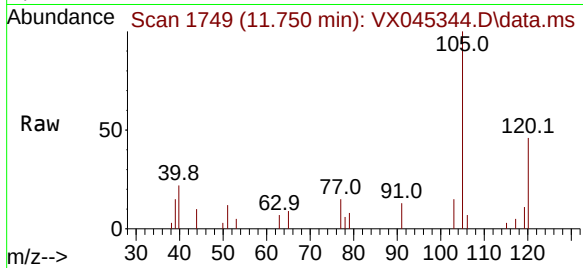




#80
1,2,4-Trimethylbenzene
Concen: 0.639 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

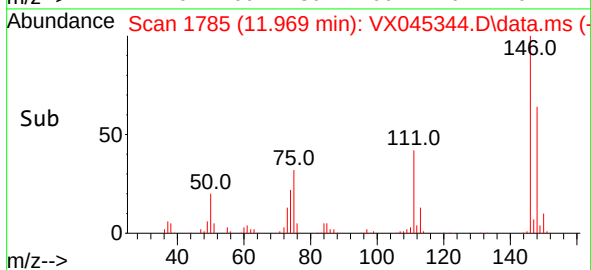
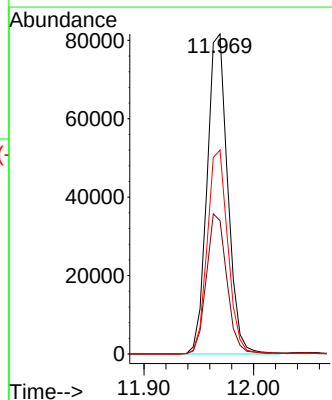
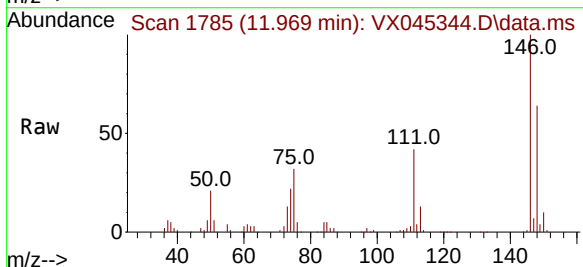
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

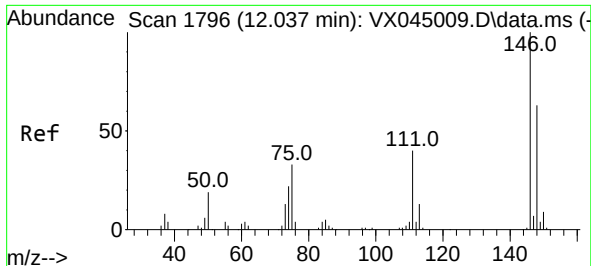
Tgt Ion:105 Resp: 2659
Ion Ratio Lower Upper
105 100
120 39.4 0.0 88.4



#83
1,3-Dichlorobenzene
Concen: 49.408 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

Tgt Ion:146 Resp: 106609
Ion Ratio Lower Upper
146 100
111 43.4 20.2 60.5
148 63.8 31.2 93.6

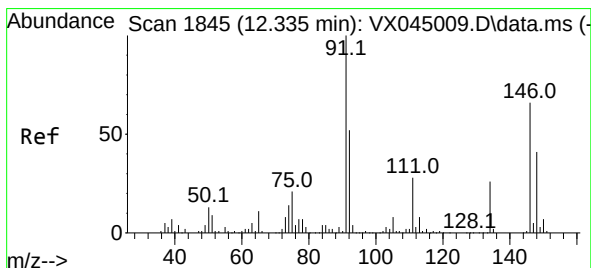
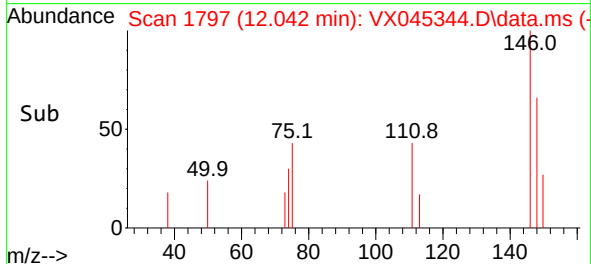
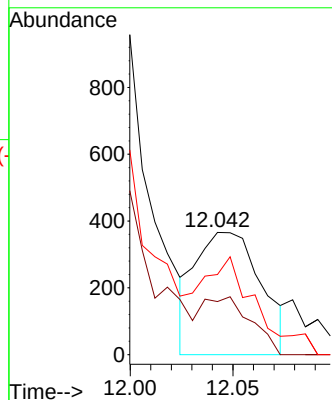
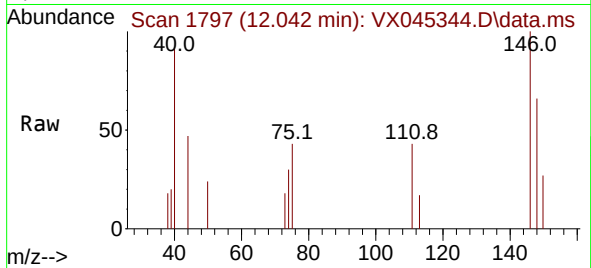




#84
1,4-Dichlorobenzene
Concen: 0.382 ug/l
RT: 12.042 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

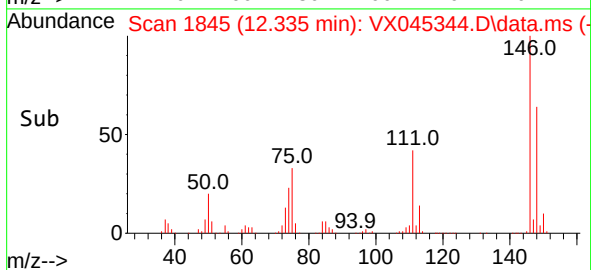
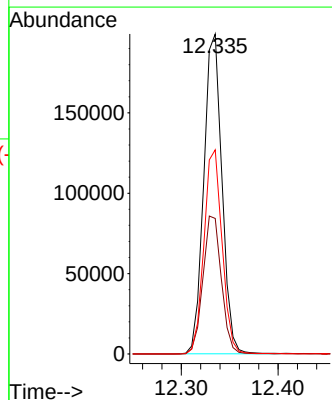
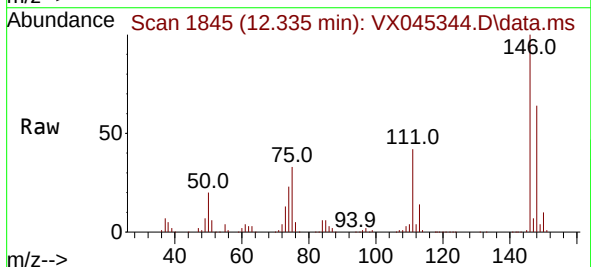
Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP

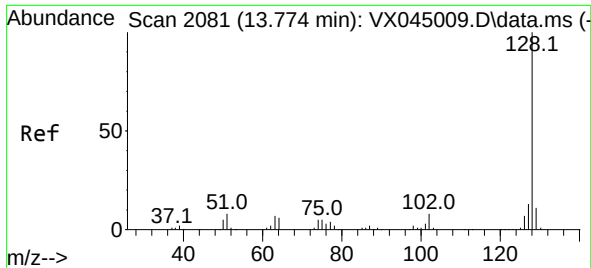
Tgt Ion:146 Resp: 813
Ion Ratio Lower Upper
146 100
111 34.6 20.4 61.2
148 64.6 31.8 95.4



#87
1,2-Dichlorobenzene
Concen: 122.894 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

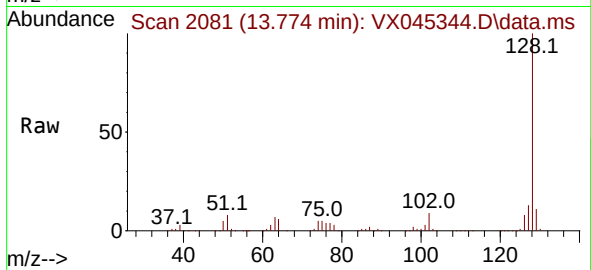
Tgt Ion:146 Resp: 260184
Ion Ratio Lower Upper
146 100
111 43.8 21.7 65.1
148 63.6 31.8 95.4





#91
Naphthalene
Concen: 88.698 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX045344.D
Acq: 19 Mar 2025 13:18

Instrument :
MSVOA_X
ClientSampleId :
PT-VOA-WP



Tgt Ion:128 Resp: 401318
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.7 13.1

