

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050922\
 Data File : VX028571.D
 Acq On : 09 May 2022 15:15
 Operator : JC/MD
 Sample : N2663-01ME
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-25

Quant Time: May 09 15:52:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

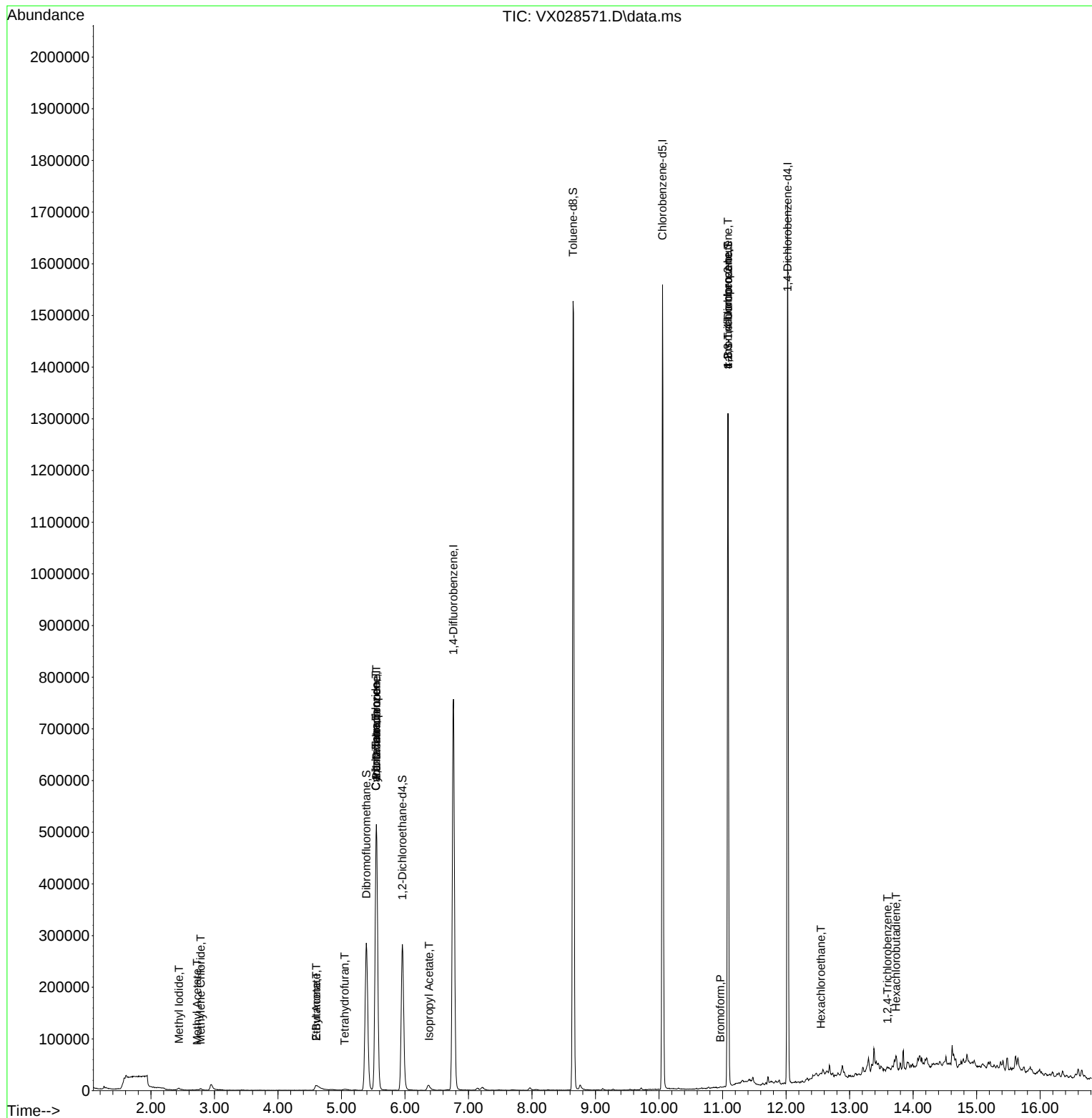
Internal Standards						
1) Pentafluorobenzene	5.550	168	529789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	844465	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	757026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	370560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	278626	40.335	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	80.660%		
35) Dibromofluoromethane	5.391	113	255294	43.108	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	86.220%		
50) Toluene-d8	8.647	98	956917	42.070	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	84.140%		
62) 4-Bromofluorobenzene	11.085	95	340023	39.096	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	78.200%		
Target Compounds					Qvalue	
3) Chloromethane	1.288	50	609	Below Cal		95
5) Bromomethane	1.605	94	2012	Below Cal	#	64
6) Chloroethane	1.703	64	613	Below Cal	#	43
8) Diethyl Ether	2.032	74	45	Below Cal	#	1
10) Methyl Iodide	2.440	142	2363	5.595	ug/l	92
11) Tert butyl alcohol	2.953	59	8924	Below Cal	#	73
16) Acetone	2.355	43	115	Below Cal	#	39
18) Methyl Acetate	2.727	43	2133	0.347	ug/l	# 87
20) Methylene Chloride	2.782	84	1363	0.266	ug/l	# 64
25) 2-Butanone	4.605	43	32979	8.061	ug/l	96
29) Tetrahydrofuran	5.050	42	2661	0.998	ug/l	# 54
31) Cyclohexane	5.543	56	9289	1.104	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	36485	4.723	ug/l	# 49
37) Ethyl Acetate	4.605	43	33116	4.225	ug/l	# 65
38) Carbon Tetrachloride	5.543	117	50067	5.741	ug/l	# 15
43) Isopropyl Acetate	6.379	43	5529	0.433	ug/l	# 56
71) Bromoform	10.963	173	79	3.589	ug/l	# 29
76) 1,2,3-Trichloropropane	11.085	75	166866	22.881	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	166866	67.995	ug/l	# 15
90) Hexachloroethane	12.548	117	352	1.896	ug/l	72
93) 1,2,4-Trichlorobenzene	13.597	180	1591	0.216	ug/l	# 63
94) Hexachlorobutadiene	13.731	225	1280	0.390	ug/l	89

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

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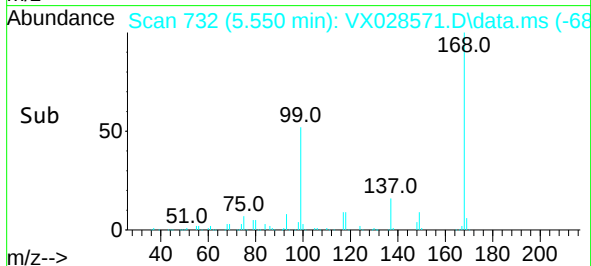
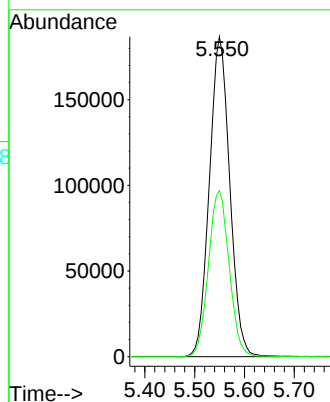
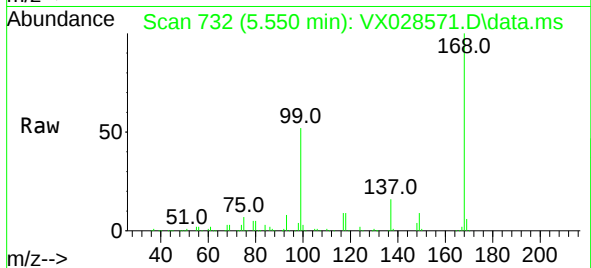




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028571.D
Acq: 09 May 2022 15:15

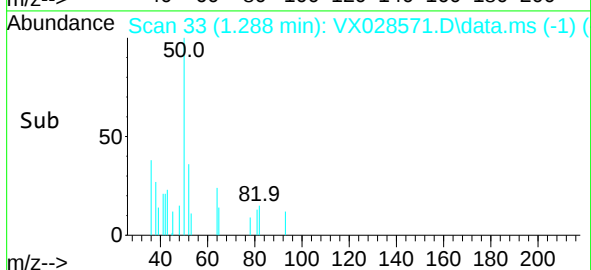
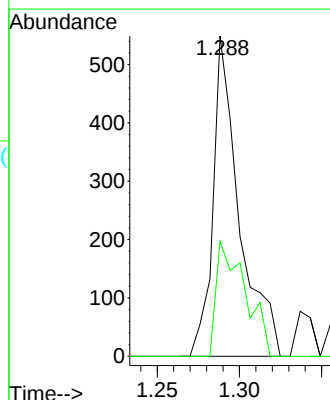
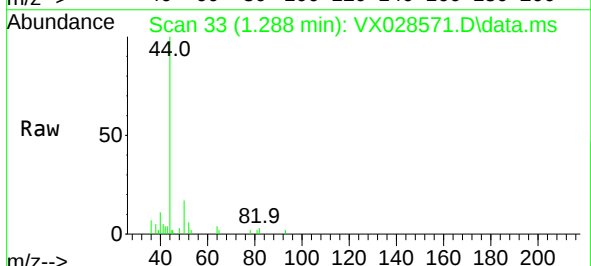
Instrument :
MSVOA_X
ClientSampleId :
TP-25

Tgt Ion:168 Resp: 529789
Ion Ratio Lower Upper
168 100
99 51.9 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028571.D
Acq: 09 May 2022 15:15

Tgt Ion: 50 Resp: 609
Ion Ratio Lower Upper
50 100
52 35.9 26.4 39.6

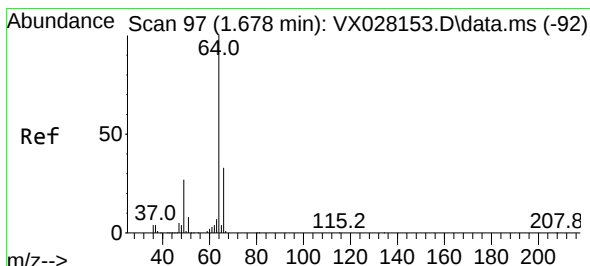
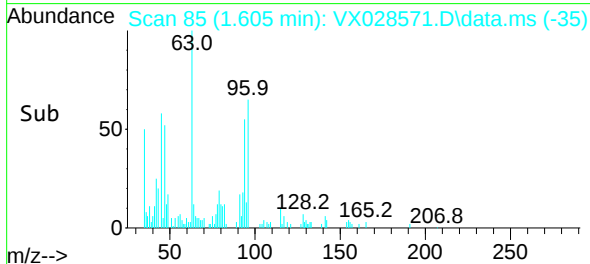
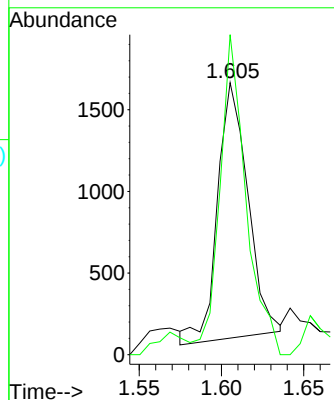
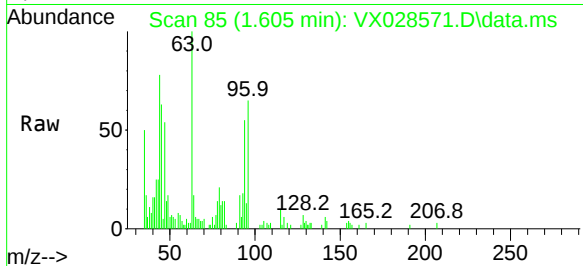




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX028571.D
Acq: 09 May 2022 15:15

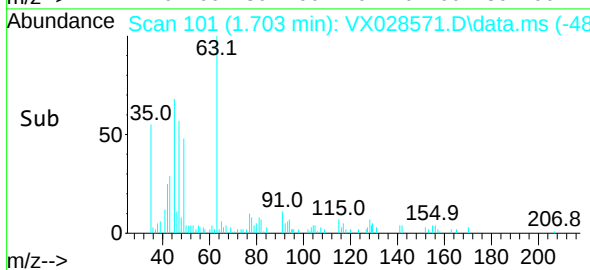
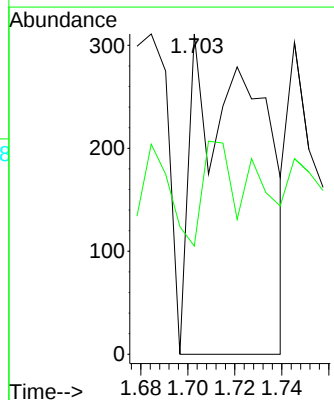
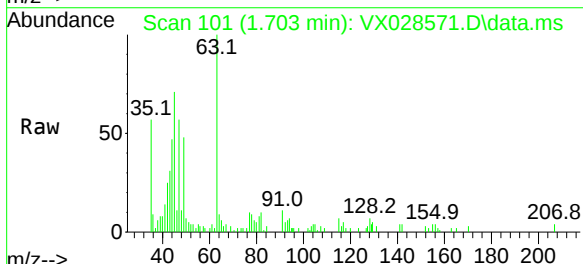
Instrument :
MSVOA_X
ClientSampleId :
TP-25

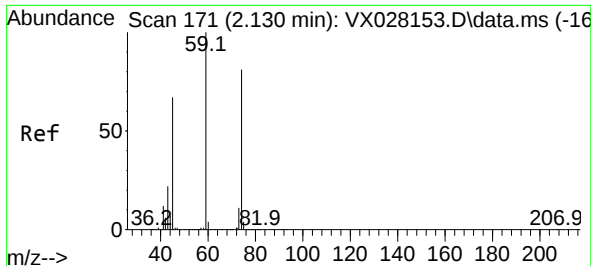
Tgt Ion: 94 Resp: 2012
Ion Ratio Lower Upper
94 100
96 128.7 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.025 min
Lab File: VX028571.D
Acq: 09 May 2022 15:15

Tgt Ion: 64 Resp: 613
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

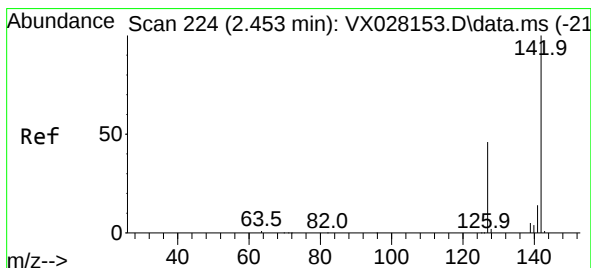
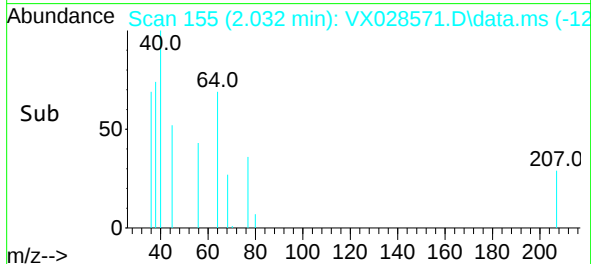
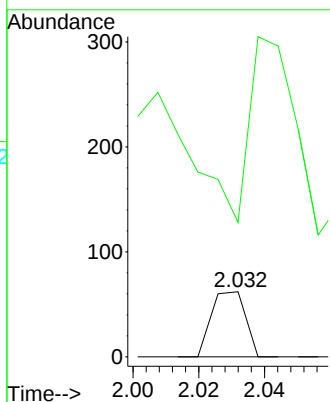
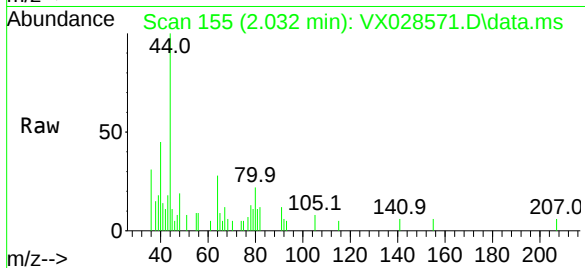




#8
Diethyl Ether
Concen: Below Cal
RT: 2.032 min Scan# 11
Delta R.T. -0.098 min
Lab File: VX028571.D
Acq: 09 May 2022 15:15

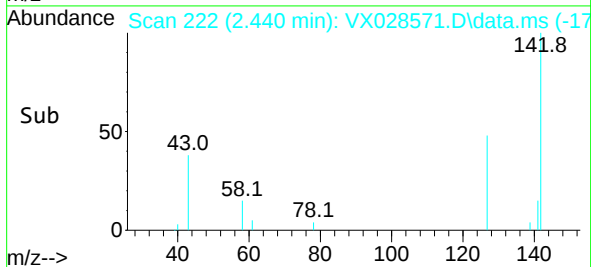
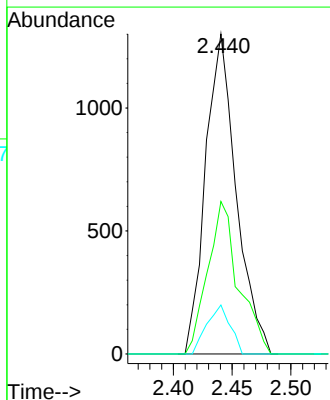
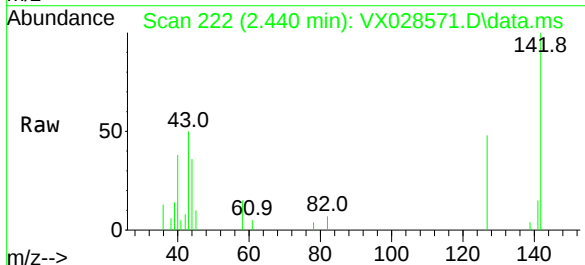
Instrument :
MSVOA_X
ClientSampleId :
TP-25

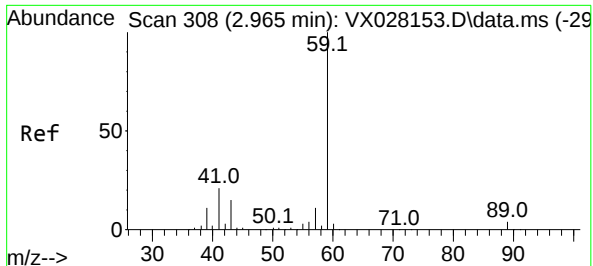
Tgt Ion: 74 Resp: 45
Ion Ratio Lower Upper
74 100
45 366.7 42.0 126.0#



#10
Methyl Iodide
Concen: 5.595 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.013 min
Lab File: VX028571.D
Acq: 09 May 2022 15:15

Tgt Ion: 142 Resp: 2363
Ion Ratio Lower Upper
142 100
127 48.0 33.9 50.9
141 11.6 11.4 17.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 30

Delta R.T. -0.012 min

Lab File: VX028571.D

Acq: 09 May 2022 15:15

Instrument :

MSVOA_X

ClientSampleId :

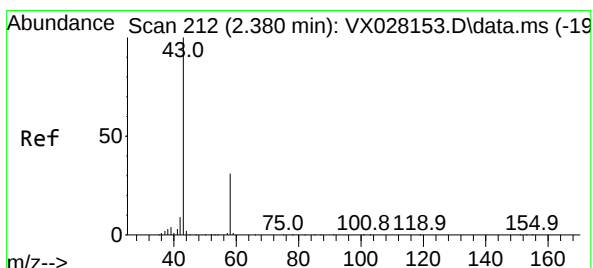
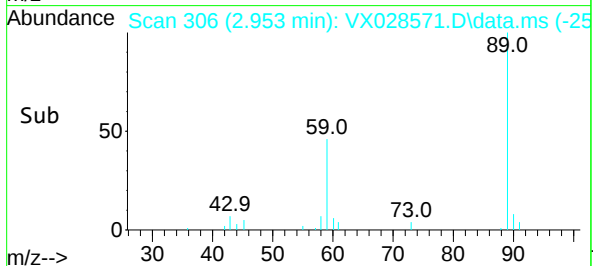
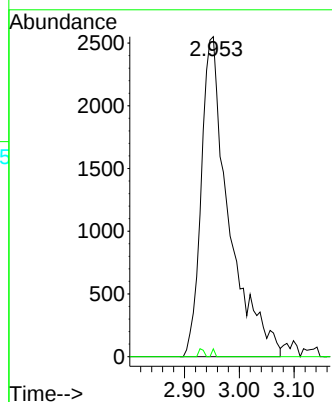
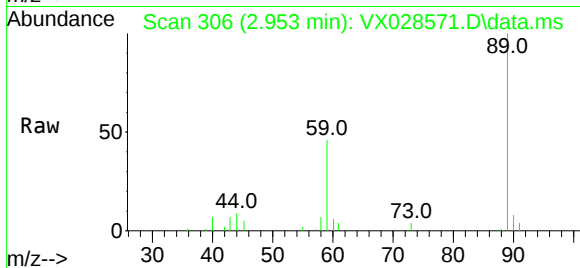
TP-25

Tgt Ion: 59 Resp: 8924

Ion Ratio Lower Upper

59 100

57 0.3 8.3 12.5#



#16

Acetone

Concen: Below Cal

RT: 2.355 min Scan# 208

Delta R.T. -0.025 min

Lab File: VX028571.D

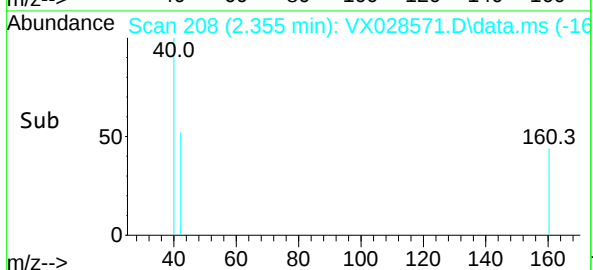
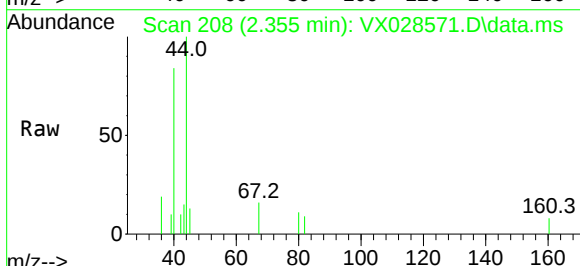
Acq: 09 May 2022 15:15

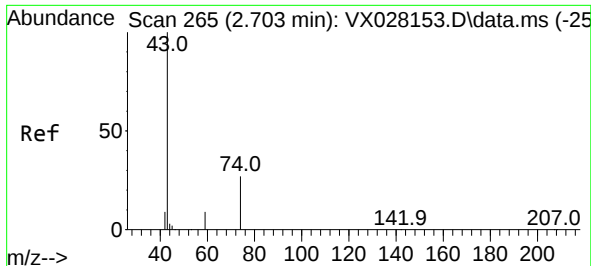
Tgt Ion: 43 Resp: 115

Ion Ratio Lower Upper

43 100

58 0.0 28.8 43.2#

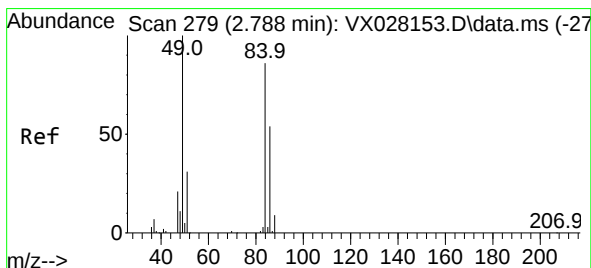
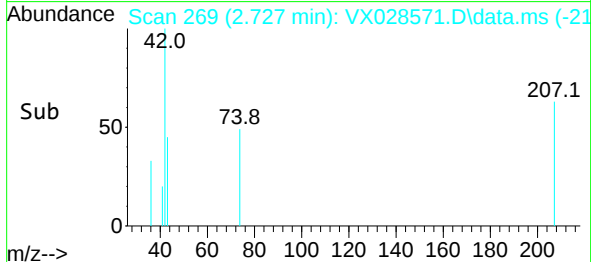
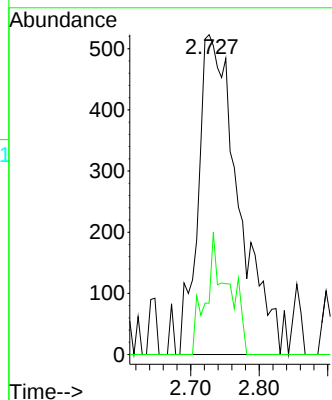
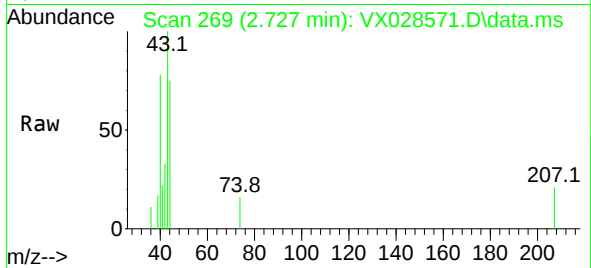




#18
Methyl Acetate
Concen: 0.347 ug/l
RT: 2.727 min Scan# 20
Delta R.T. 0.024 min
Lab File: VX028571.D
Acq: 09 May 2022 15:15

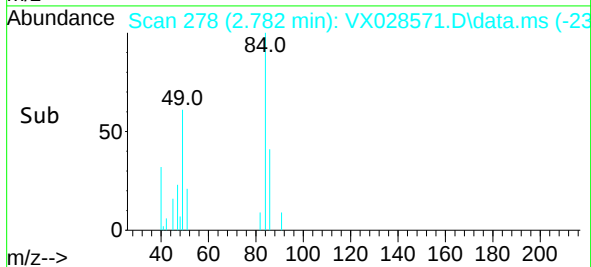
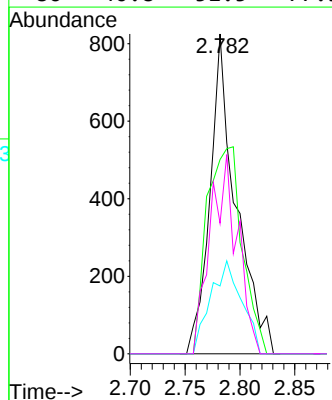
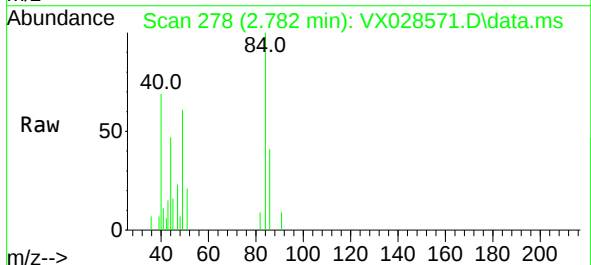
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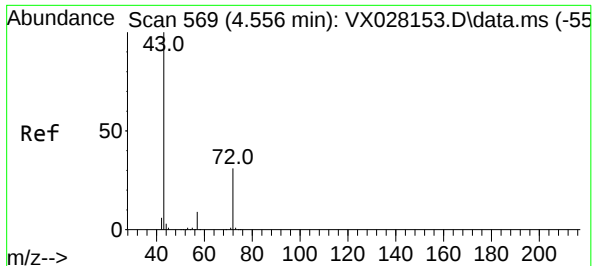
Tgt Ion: 43 Resp: 2133
Ion Ratio Lower Upper
43 100
74 21.4 22.8 34.2#



#20
Methylene Chloride
Concen: 0.266 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX028571.D
Acq: 09 May 2022 15:15

Tgt Ion: 84 Resp: 1363
Ion Ratio Lower Upper
84 100
49 60.7 85.5 128.3#
51 21.2 26.6 39.8#
86 40.8 51.5 77.3#





#25

2-Butanone

Concen: 8.061 ug/l

RT: 4.605 min Scan# 5

Delta R.T. 0.049 min

Lab File: VX028571.D

Acq: 09 May 2022 15:15

Instrument :

MSVOA_X

ClientSampleId :

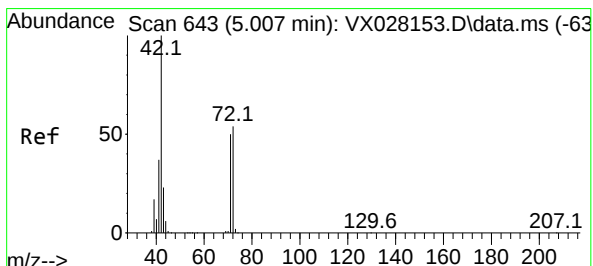
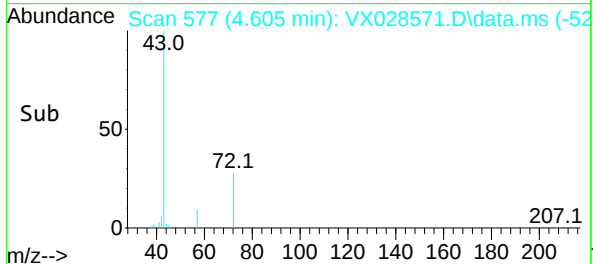
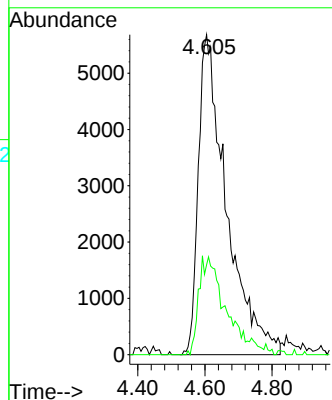
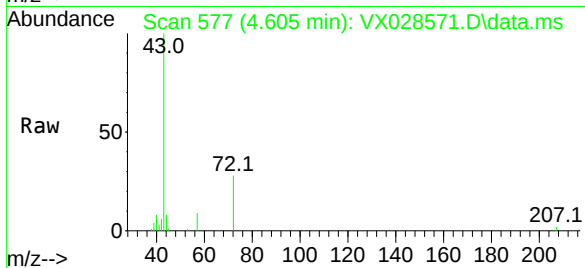
TP-25

Tgt Ion: 43 Resp: 32979

Ion Ratio Lower Upper

43 100

72 28.1 24.4 36.6



#29

Tetrahydrofuran

Concen: 0.998 ug/l

RT: 5.050 min Scan# 650

Delta R.T. 0.043 min

Lab File: VX028571.D

Acq: 09 May 2022 15:15

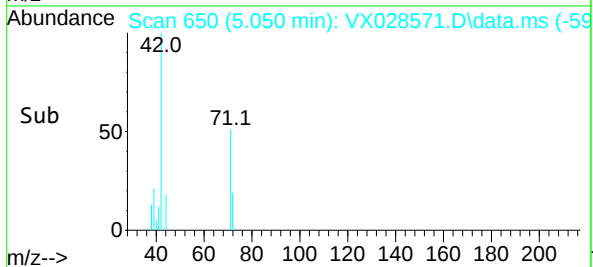
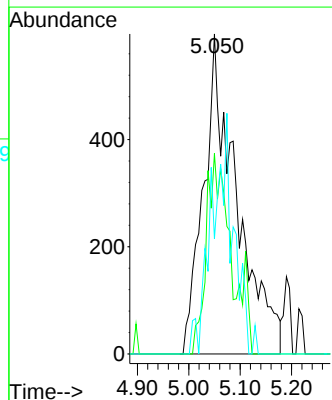
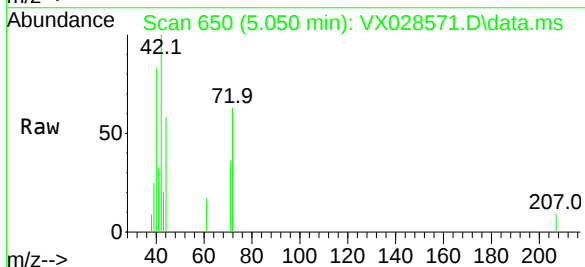
Tgt Ion: 42 Resp: 2661

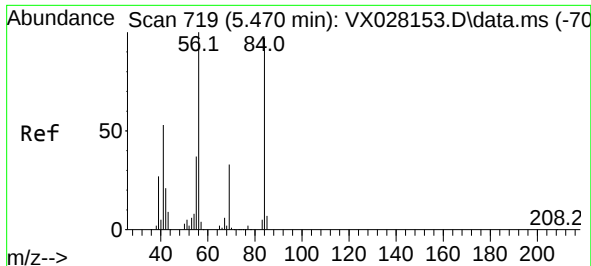
Ion Ratio Lower Upper

42 100

72 40.2 44.1 66.1#

71 0.0 40.5 60.7#

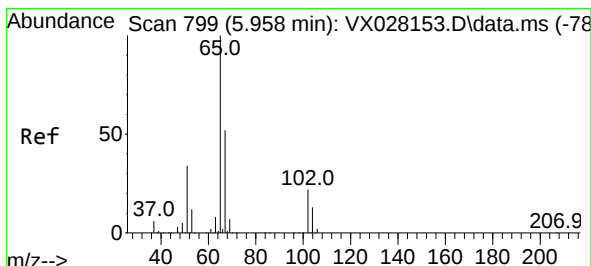
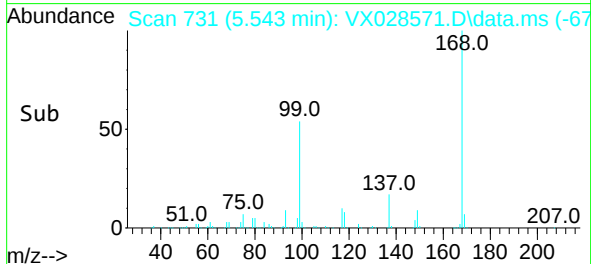
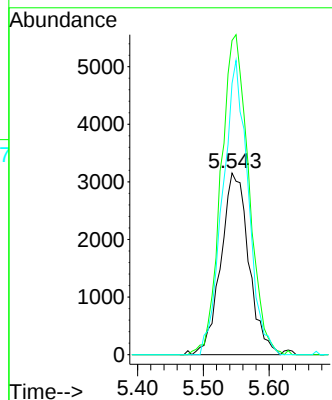
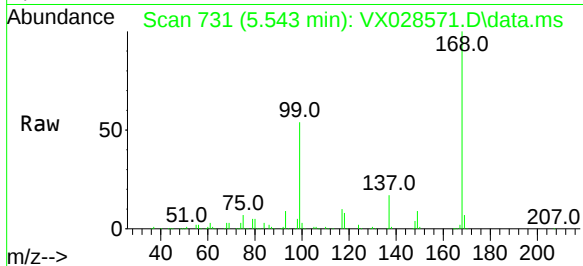




#31
Cyclohexane
Concen: 1.104 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX028571.D
Acq: 09 May 2022 15:15

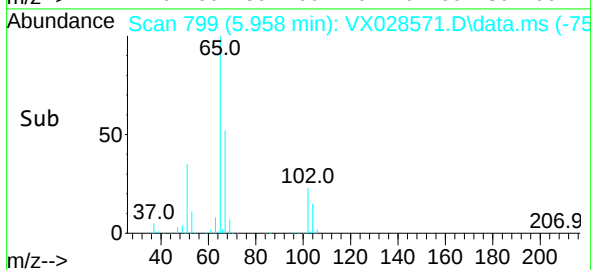
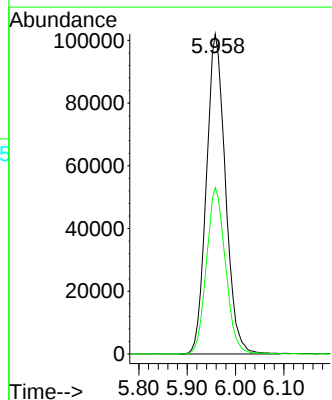
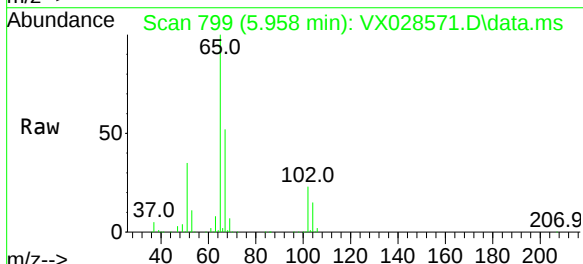
Instrument :
MSVOA_X
ClientSampleId :
TP-25

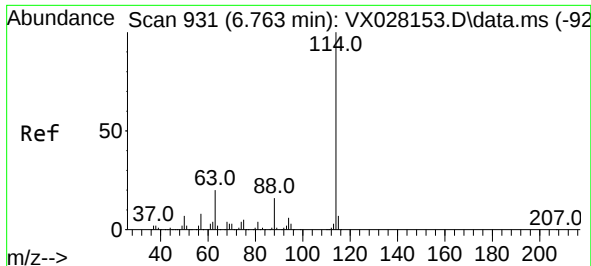
Tgt Ion: 56 Resp: 9289
Ion Ratio Lower Upper
56 100
69 173.0 26.7 40.1#
84 149.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 40.335 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028571.D
Acq: 09 May 2022 15:15

Tgt Ion: 65 Resp: 278626
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

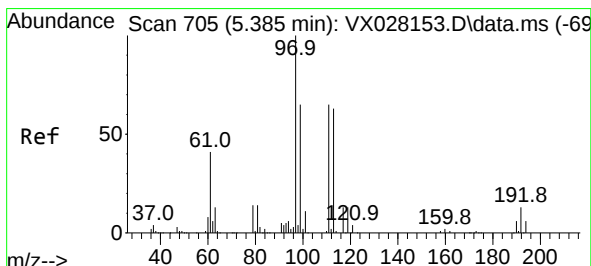
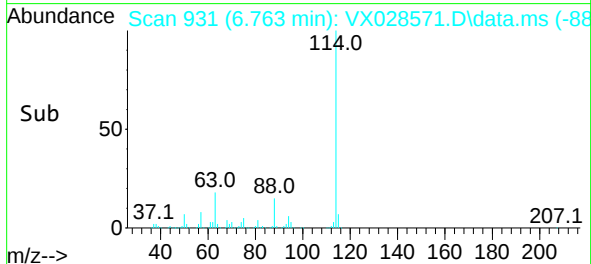
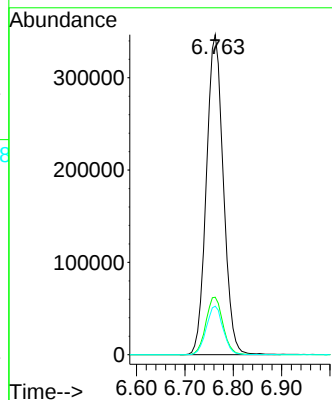
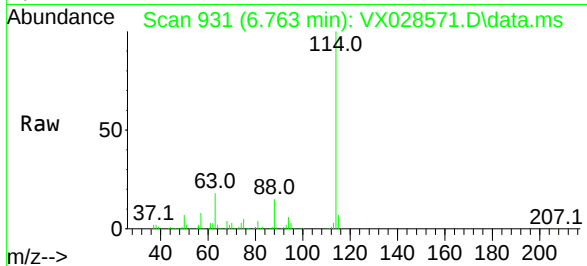




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028571.D
Acq: 09 May 2022 15:15

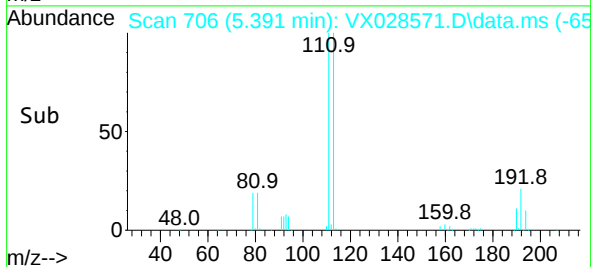
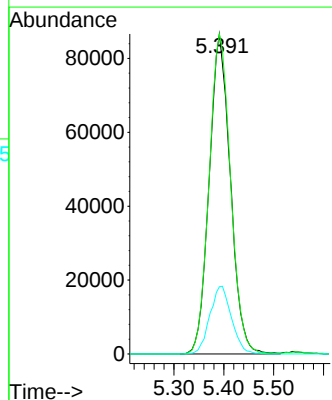
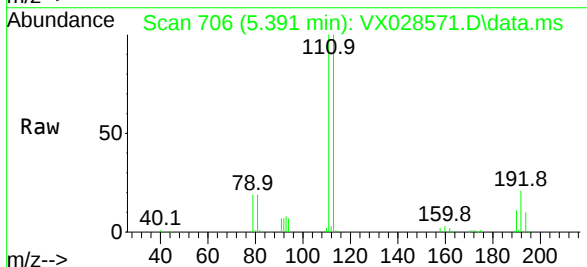
Instrument :
MSVOA_X
ClientSampleId :
TP-25

Tgt Ion:114 Resp: 844465
Ion Ratio Lower Upper
114 100
63 18.0 0.0 36.8
88 15.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 43.108 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028571.D
Acq: 09 May 2022 15:15

Tgt Ion:113 Resp: 255294
Ion Ratio Lower Upper
113 100
111 101.4 82.8 124.2
192 21.7 16.9 25.3

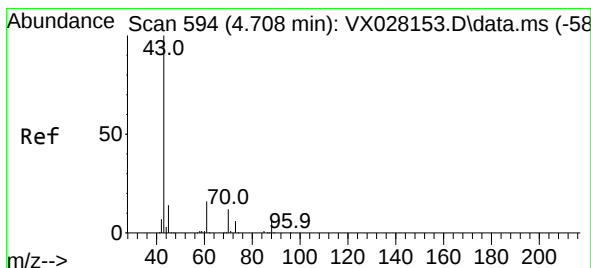
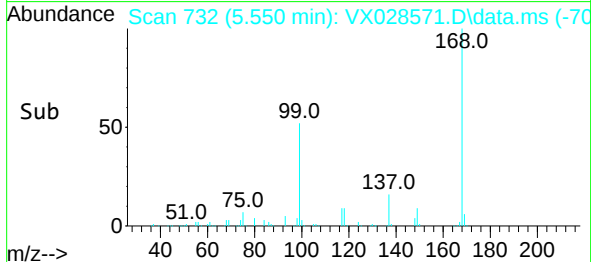
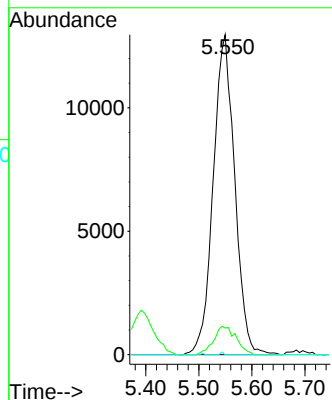
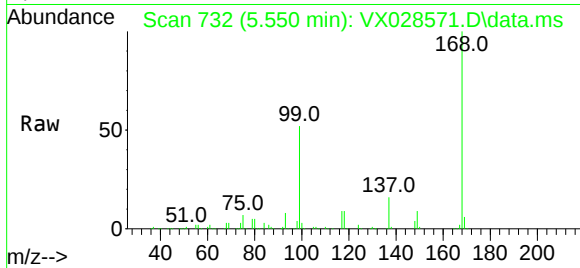




#36
1,1-Dichloropropene
Concen: 4.723 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX028571.D
Acq: 09 May 2022 15:15

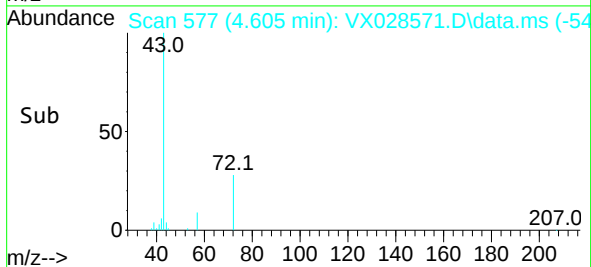
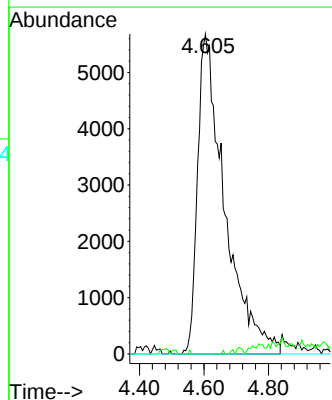
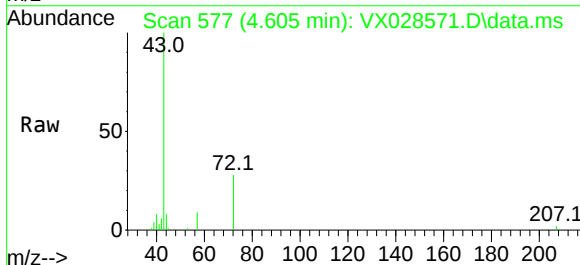
Instrument :
MSVOA_X
ClientSampleId :
TP-25

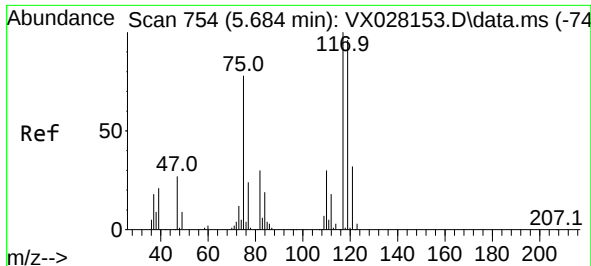
Tgt Ion: 75 Resp: 36485
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.1 24.8 37.2#



#37
Ethyl Acetate
Concen: 4.225 ug/l
RT: 4.605 min Scan# 577
Delta R.T. -0.103 min
Lab File: VX028571.D
Acq: 09 May 2022 15:15

Tgt Ion: 43 Resp: 33116
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 10.2 15.2#

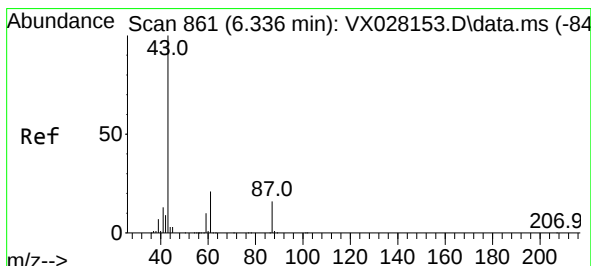
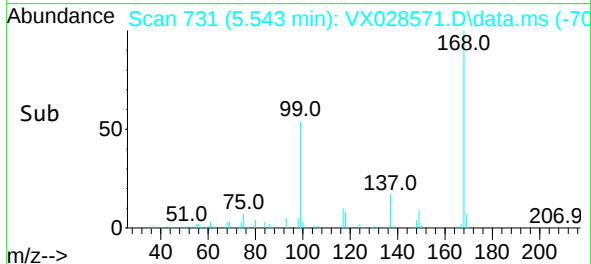
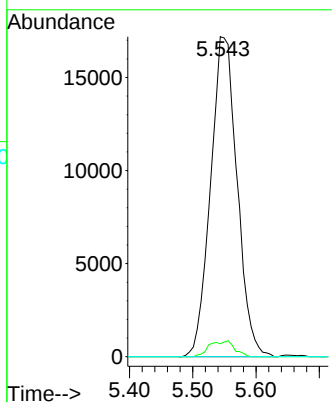
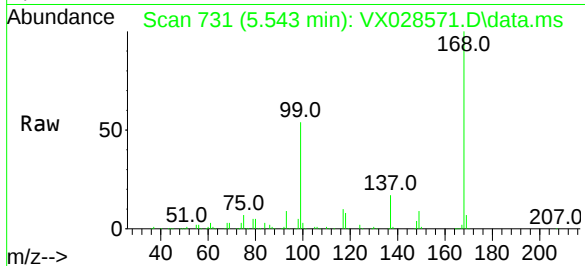




#38
Carbon Tetrachloride
Concen: 5.741 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.141 min
Lab File: VX028571.D
Acq: 09 May 2022 15:15

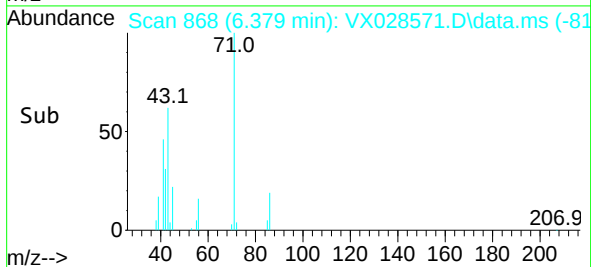
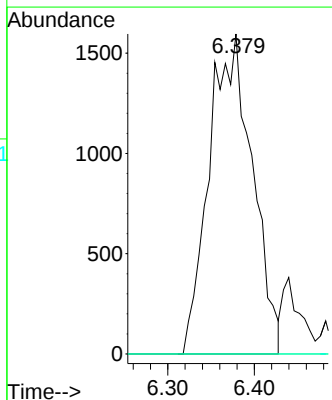
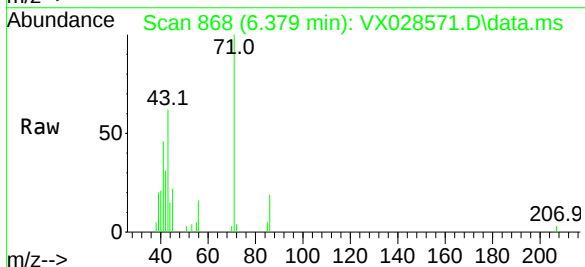
Instrument :
MSVOA_X
ClientSampleId :
TP-25

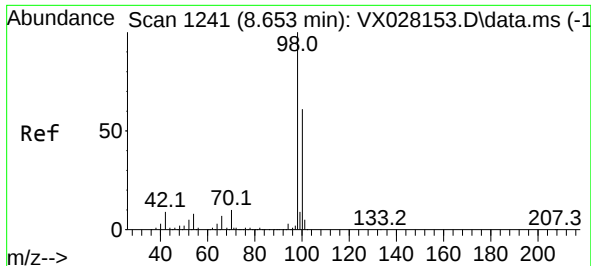
Tgt Ion: 117 Resp: 50067
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.433 ug/l
RT: 6.379 min Scan# 868
Delta R.T. 0.043 min
Lab File: VX028571.D
Acq: 09 May 2022 15:15

Tgt Ion: 43 Resp: 5529
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 0.0 13.0 19.6#

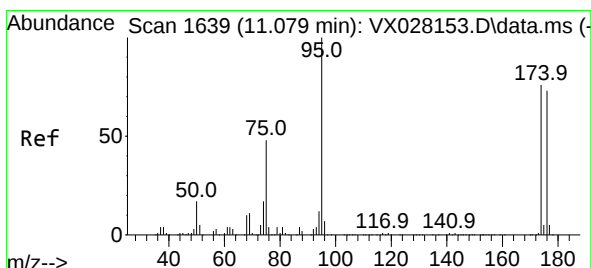
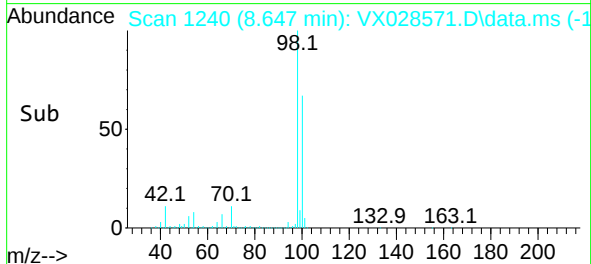
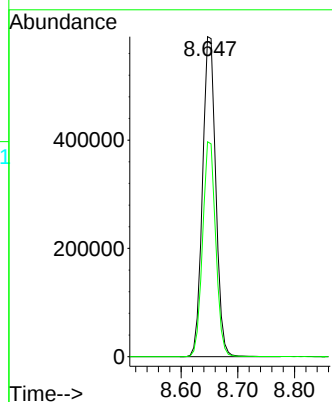
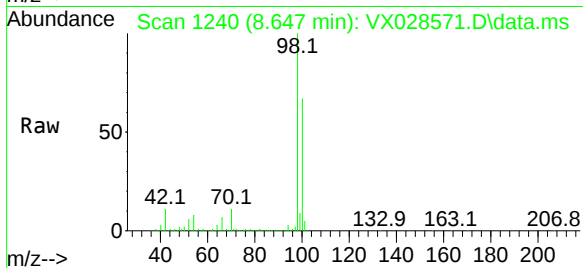




#50
Toluene-d8
Concen: 42.070 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028571.D
Acq: 09 May 2022 15:15

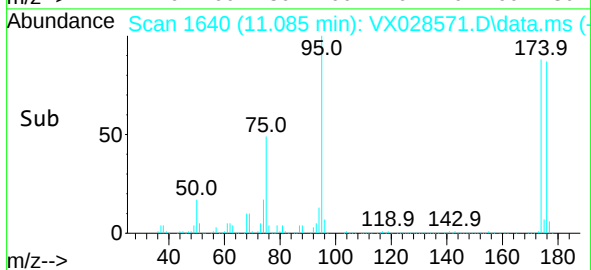
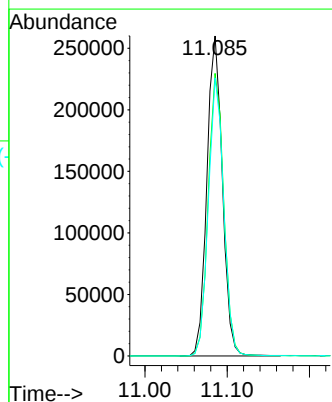
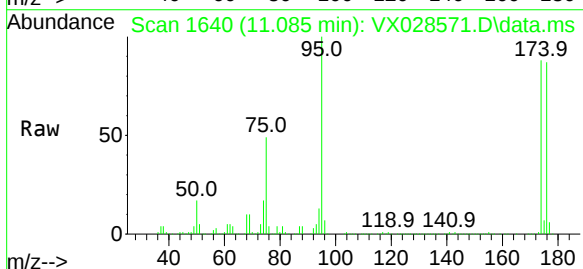
Instrument :
MSVOA_X
ClientSampleId :
TP-25

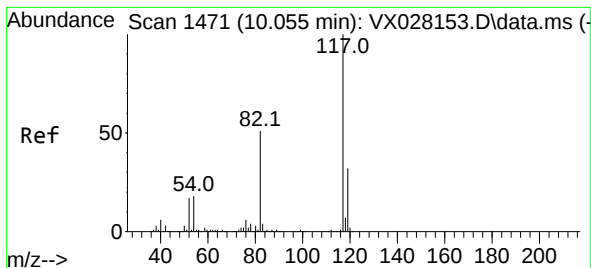
Tgt Ion: 98 Resp: 956917
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 39.096 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028571.D
Acq: 09 May 2022 15:15

Tgt Ion: 95 Resp: 340023
Ion Ratio Lower Upper
95 100
174 88.8 0.0 163.0
176 86.2 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 14

Delta R.T. -0.000 min

Lab File: VX028571.D

Acq: 09 May 2022 15:15

Instrument :

MSVOA_X

ClientSampleId :

TP-25

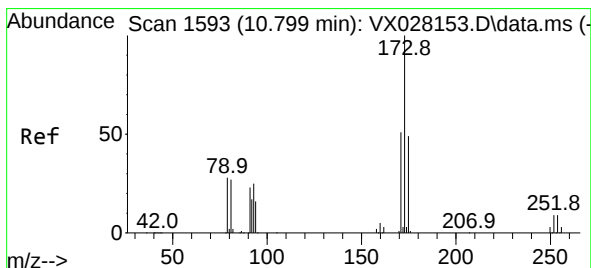
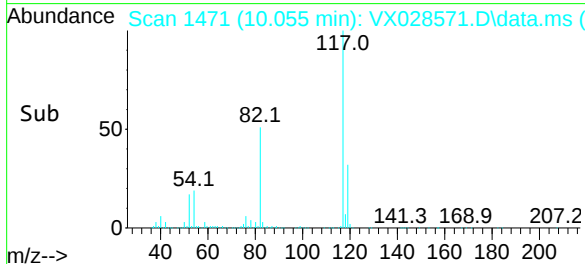
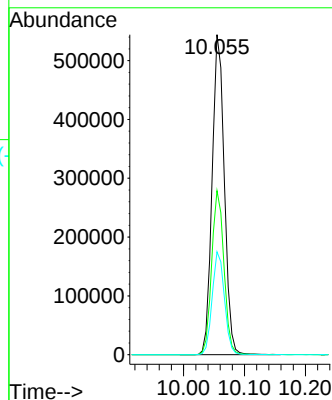
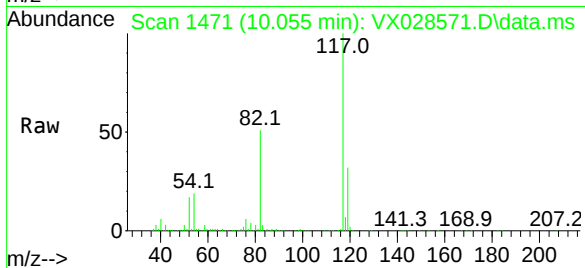
Tgt Ion:117 Resp: 757026

Ion Ratio Lower Upper

117 100

82 51.3 41.8 62.8

119 32.2 24.8 37.2



#71

Bromoform

Concen: 3.589 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.164 min

Lab File: VX028571.D

Acq: 09 May 2022 15:15

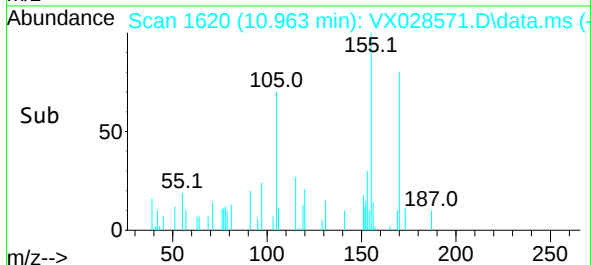
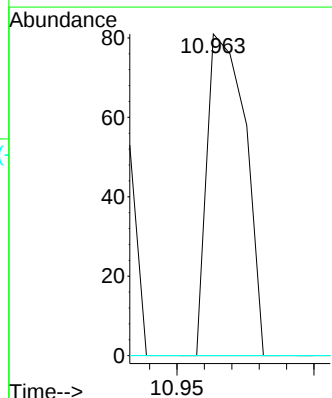
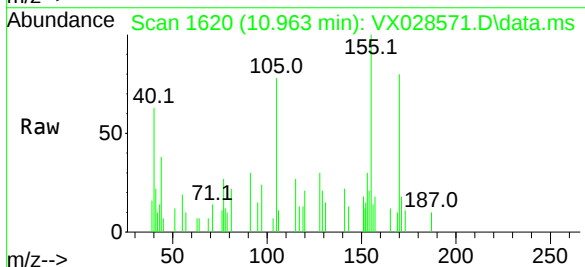
Tgt Ion:173 Resp: 79

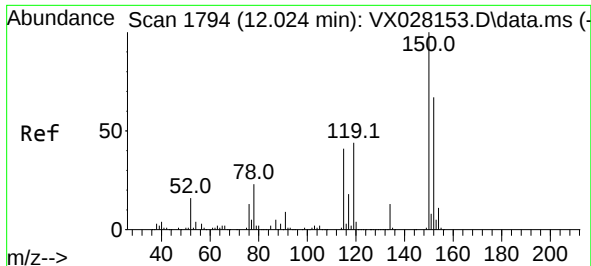
Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.2#

254 0.0 0.1 0.1#

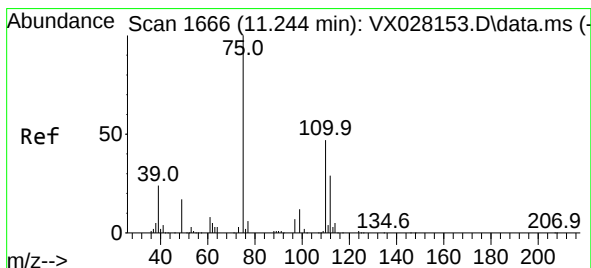
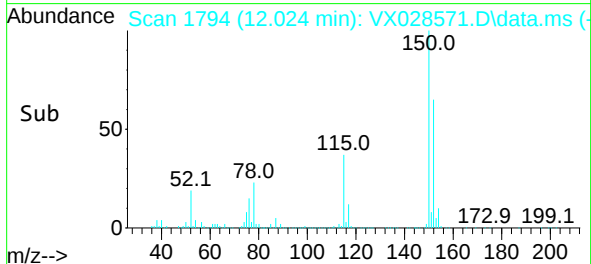
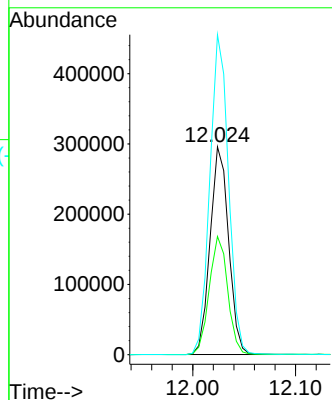
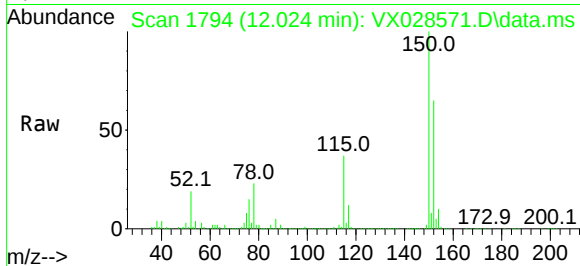




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028571.D
 Acq: 09 May 2022 15:15

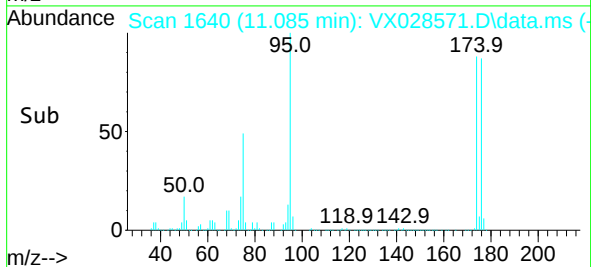
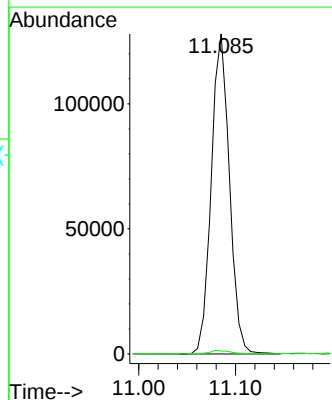
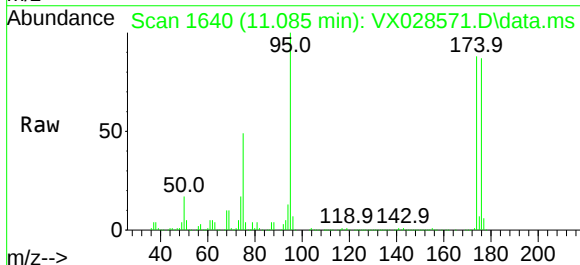
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-25

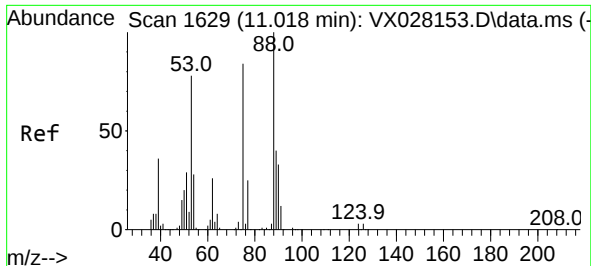
Tgt Ion:152 Resp: 370560
 Ion Ratio Lower Upper
 152 100
 115 56.8 37.5 112.7
 150 155.2 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 22.881 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX028571.D
 Acq: 09 May 2022 15:15

Tgt Ion: 75 Resp: 166866
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.4 58.2#

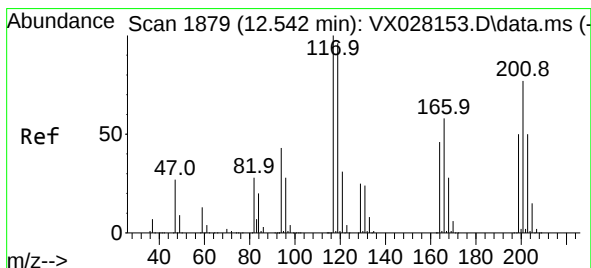
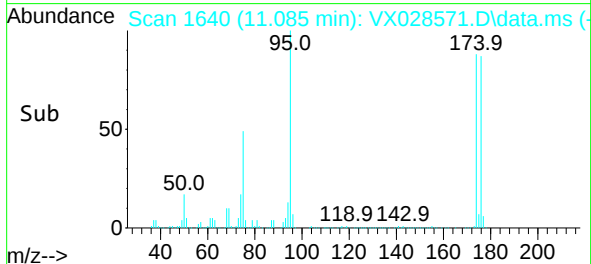
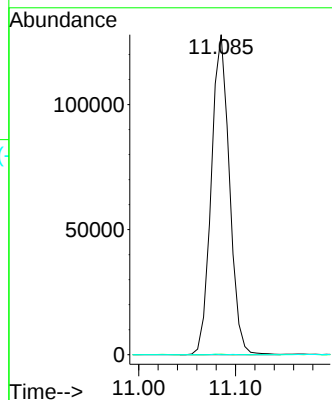
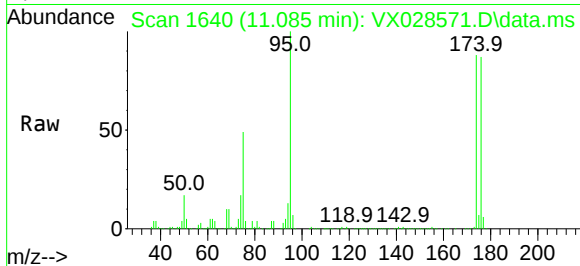




#81
trans-1,4-Dichloro-2-butene
Concen: 67.995 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX028571.D
Acq: 09 May 2022 15:15

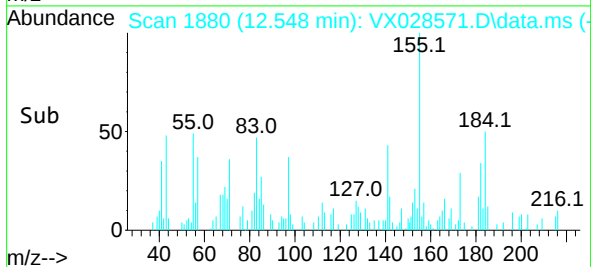
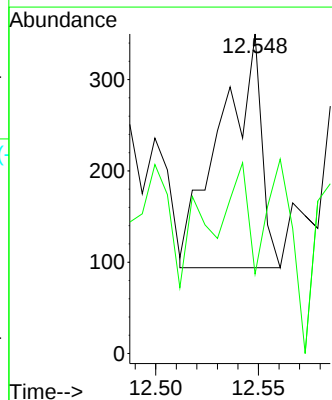
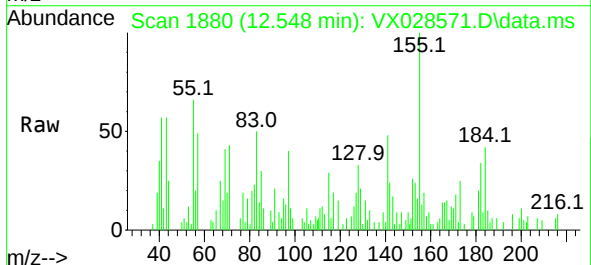
Instrument :
MSVOA_X
ClientSampleId :
TP-25

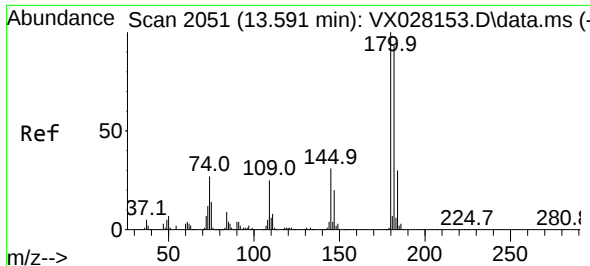
Tgt Ion: 75 Resp: 166866
Ion Ratio Lower Upper
75 100
53 0.1 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 1.896 ug/l
RT: 12.548 min Scan# 1880
Delta R.T. 0.006 min
Lab File: VX028571.D
Acq: 09 May 2022 15:15

Tgt Ion: 117 Resp: 352
Ion Ratio Lower Upper
117 100
201 54.5 39.5 118.5

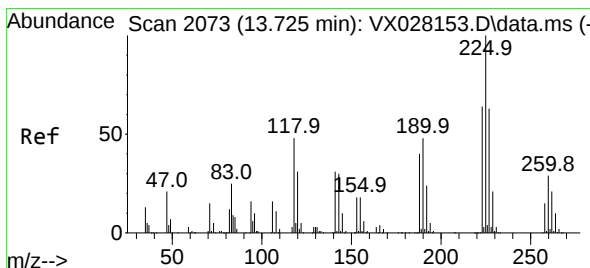
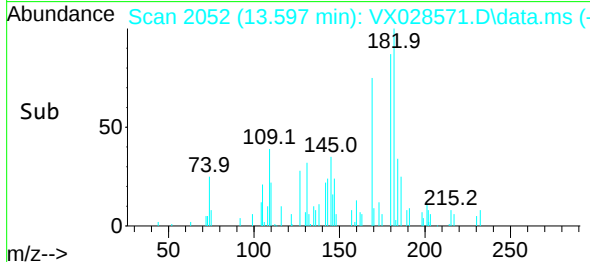
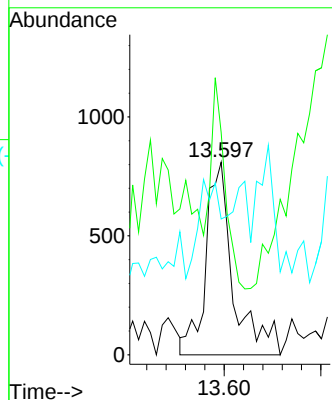
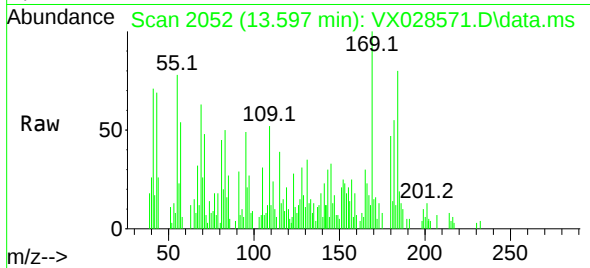




#93
1,2,4-Trichlorobenzene
Concen: 0.216 ug/l
RT: 13.597 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX028571.D
Acq: 09 May 2022 15:15

Instrument :
MSVOA_X
ClientSampleId :
TP-25

Tgt Ion:180 Resp: 1591
Ion Ratio Lower Upper
180 100
182 56.8 47.7 143.1
145 46.8 15.2 45.5#



#94
Hexachlorobutadiene
Concen: 0.390 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX028571.D
Acq: 09 May 2022 15:15

Tgt Ion:225 Resp: 1280
Ion Ratio Lower Upper
225 100
223 62.7 34.2 102.5
227 56.3 33.9 101.7

