

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042522\
 Data File : VX028333.D
 Acq On : 25 Apr 2022 17:58
 Operator : JC/MD
 Sample : N2511-02
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1527

Quant Time: Apr 26 08:13:34 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

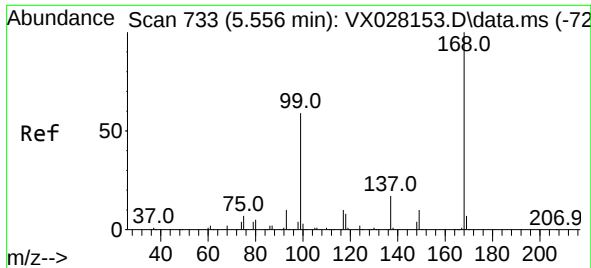
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	464453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	762900	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	677676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	326144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	257695	42.553	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.100%		
35) Dibromofluoromethane	5.391	113	232025	43.368	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	86.740%		
50) Toluene-d8	8.653	98	875400	42.601	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	85.200%		
62) 4-Bromofluorobenzene	11.085	95	301852	38.418	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	76.840%		
Target Compounds					Qvalue	
3) Chloromethane	1.288	50	716	Below Cal	#	83
5) Bromomethane	1.599	94	2278	Below Cal		88
6) Chloroethane	1.685	64	87	Below Cal	#	43
8) Diethyl Ether	2.215	74	21	Below Cal	#	7
10) Methyl Iodide	2.441	142	2053	5.592 ug/l	#	91
11) Tert butyl alcohol	2.953	59	6308	Below Cal	#	72
16) Acetone	2.422	43	18584	8.700 ug/l		96
18) Methyl Acetate	2.727	43	7587	1.409 ug/l		96
20) Methylene Chloride	2.782	84	1990	0.443 ug/l	#	70
23) Vinyl Acetate	3.843	43	2911	0.244 ug/l	#	66
25) 2-Butanone	4.617	43	3200	0.892 ug/l		91
29) Tetrahydrofuran	5.044	42	1043	0.446 ug/l	#	43
36) 1,1-Dichloropropene	5.550	75	32311	4.630 ug/l	#	50
38) Carbon Tetrachloride	5.550	117	45388	5.761 ug/l	#	15
43) Isopropyl Acetate	6.373	43	5620	0.488 ug/l	#	56
52) Toluene	8.720	92	4176	0.294 ug/l		93
59) 2-Hexanone	9.458	43	2015	0.352 ug/l		72
68) m/p-Xylenes	10.305	106	3281	0.333 ug/l		95
76) 1,2,3-Trichloropropane	11.085	75	150523	23.451 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.085	75	150523	69.689 ug/l	#	15
84) 1,2,4-Trimethylbenzene	11.756	105	9995	0.528 ug/l		99
90) Hexachloroethane	12.549	117	455	1.934 ug/l	#	10
95) Naphthalene	13.780	128	14838	0.687 ug/l		98

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

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Quant Title : SW846 8260
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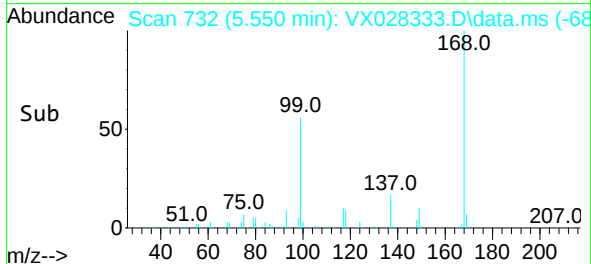
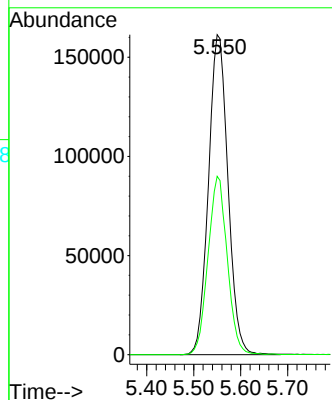
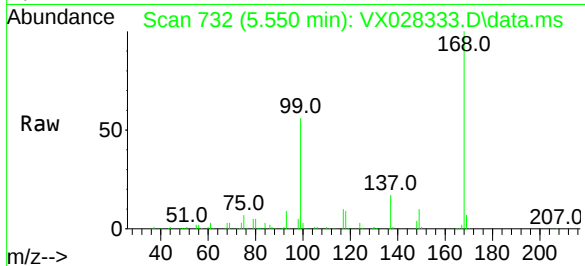




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028333.D
Acq: 25 Apr 2022 17:58

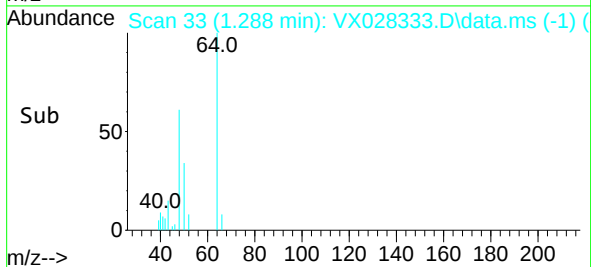
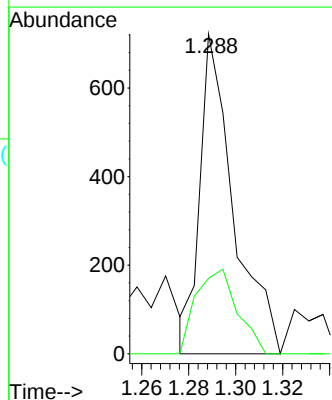
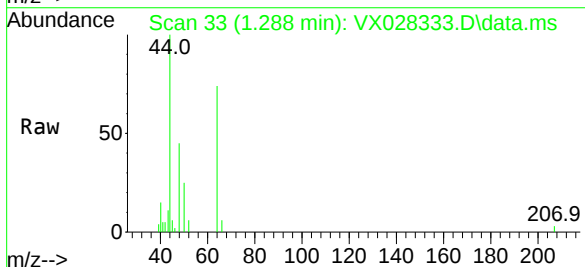
Instrument :
MSVOA_X
ClientSampleId :
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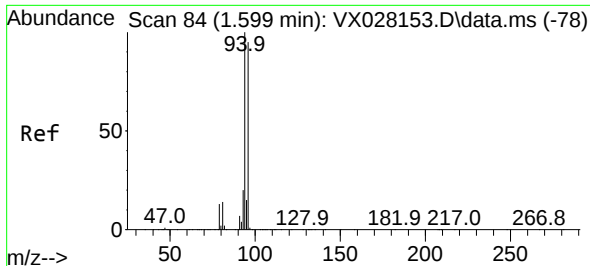
Tgt Ion:168 Resp: 464453
Ion Ratio Lower Upper
168 100
99 55.8 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028333.D
Acq: 25 Apr 2022 17:58

Tgt Ion: 50 Resp: 716
Ion Ratio Lower Upper
50 100
52 23.5 26.4 39.6#

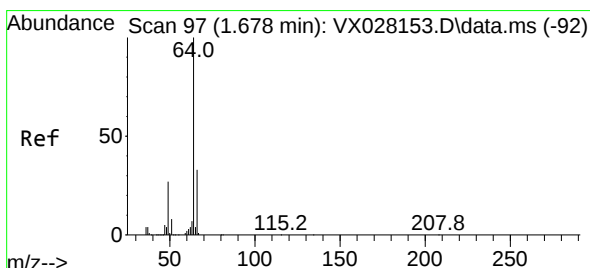
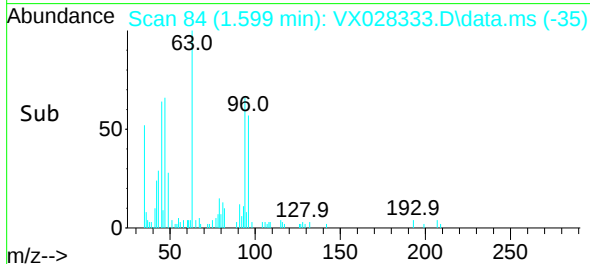
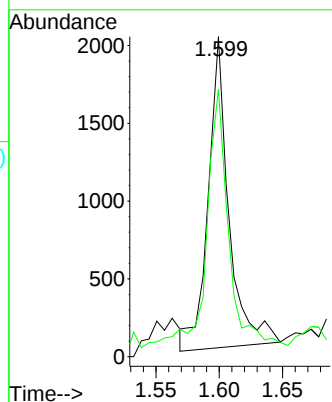
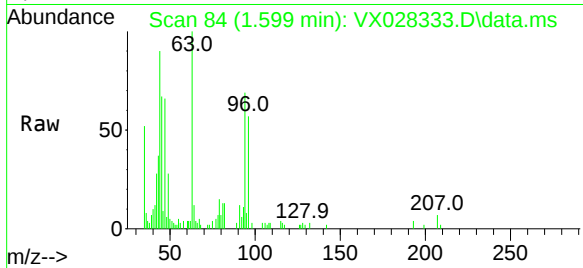




#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028333.D
Acq: 25 Apr 2022 17:58

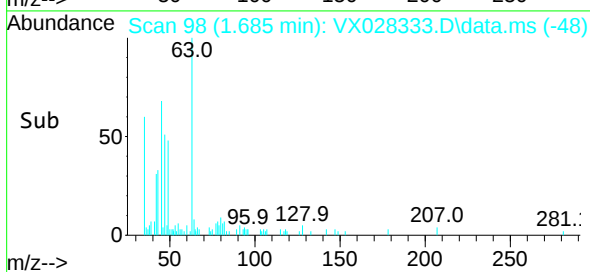
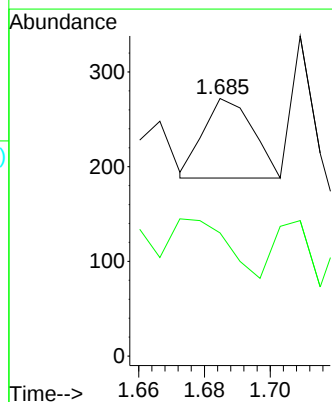
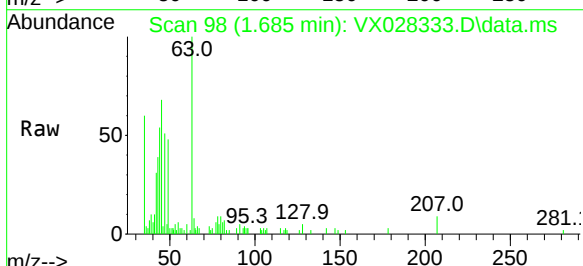
Instrument :
MSVOA_X
ClientSampleId :
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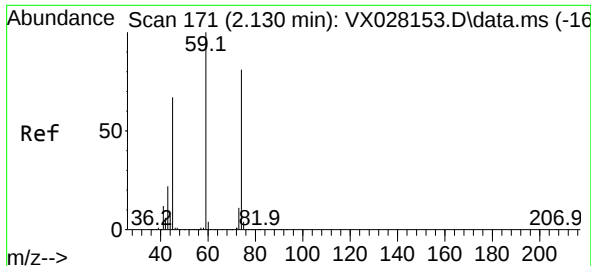
Tgt Ion: 94 Resp: 2278
Ion Ratio Lower Upper
94 100
96 82.9 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX028333.D
Acq: 25 Apr 2022 17:58

Tgt Ion: 64 Resp: 87
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9

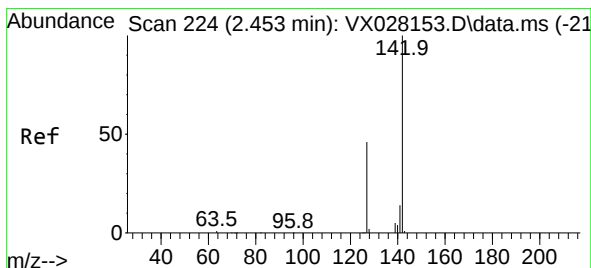
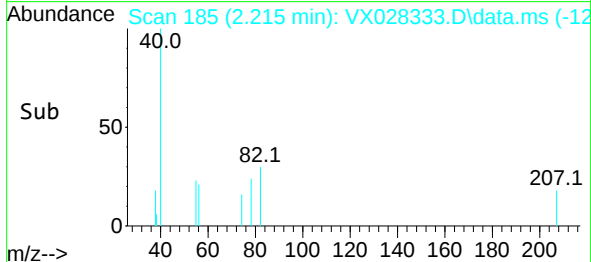
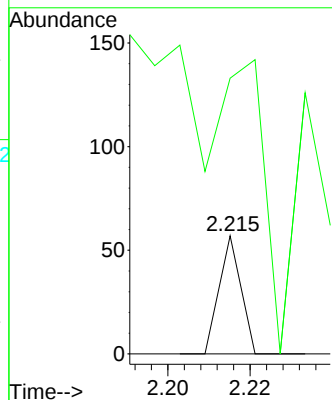
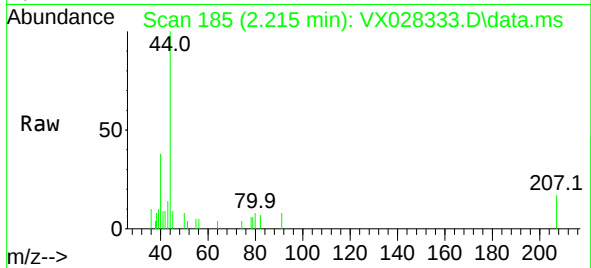




#8
Diethyl Ether
Concen: Below Cal
RT: 2.215 min Scan# 11
Delta R.T. 0.085 min
Lab File: VX028333.D
Acq: 25 Apr 2022 17:58

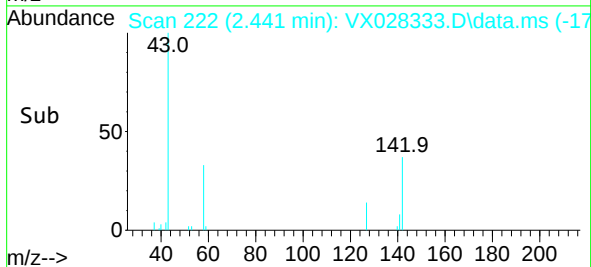
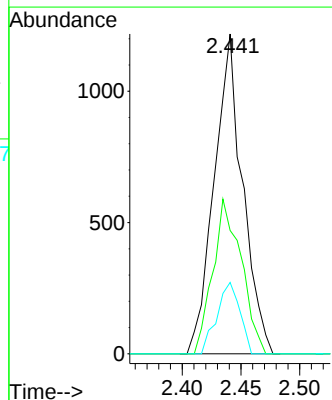
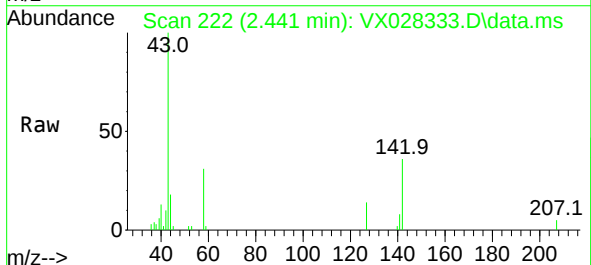
Instrument :
MSVOA_X
ClientSampleId :
1527

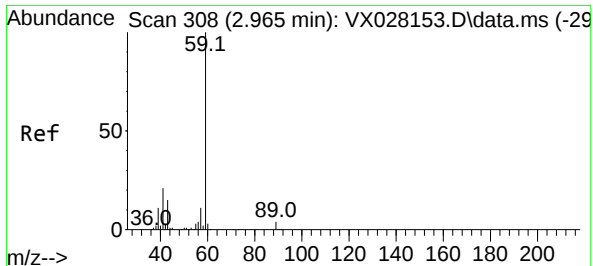
Tgt Ion: 74 Resp: 21
Ion Ratio Lower Upper
74 100
45 0.0 42.0 126.0#



#10
Methyl Iodide
Concen: 5.592 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.012 min
Lab File: VX028333.D
Acq: 25 Apr 2022 17:58

Tgt Ion: 142 Resp: 2053
Ion Ratio Lower Upper
142 100
127 48.2 33.9 50.9
141 18.0 11.4 17.2#

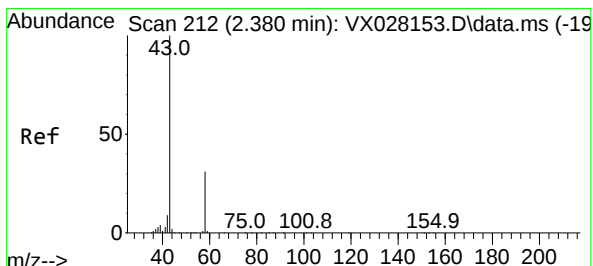
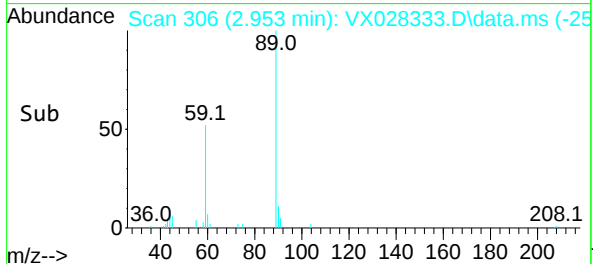
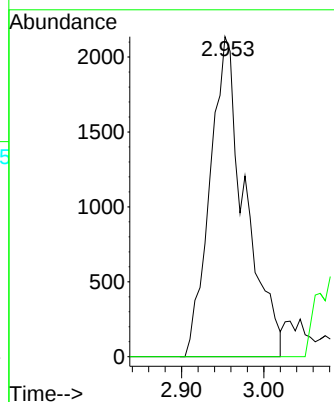
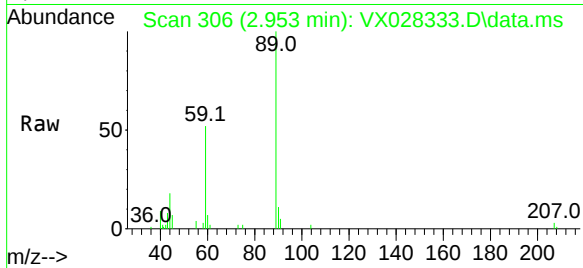




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX028333.D
Acq: 25 Apr 2022 17:58

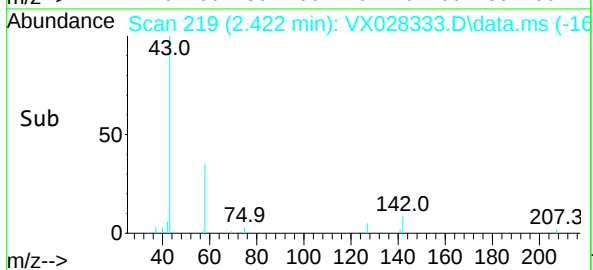
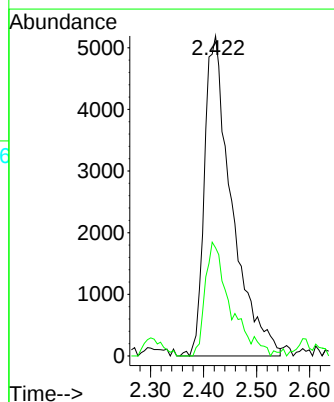
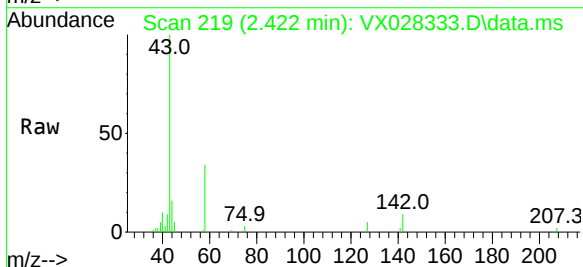
Instrument :
MSVOA_X
ClientSampleId :
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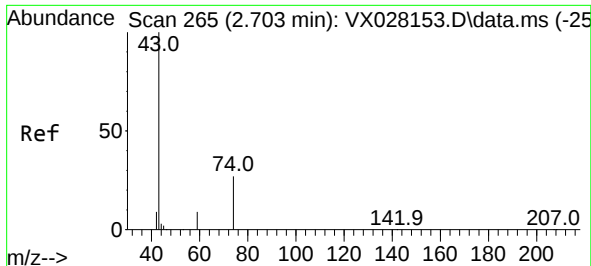
Tgt Ion: 59 Resp: 6308
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 8.700 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.042 min
Lab File: VX028333.D
Acq: 25 Apr 2022 17:58

Tgt Ion: 43 Resp: 18584
Ion Ratio Lower Upper
43 100
58 33.8 28.8 43.2

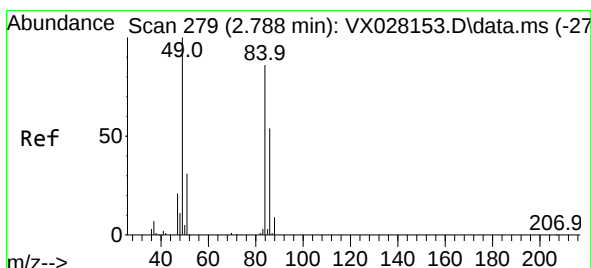
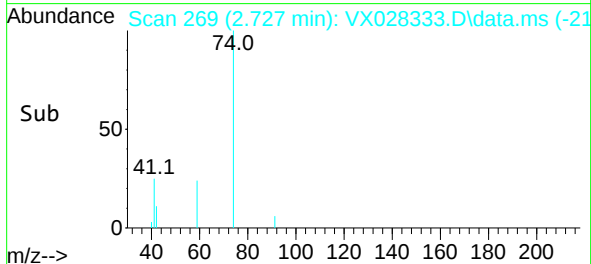
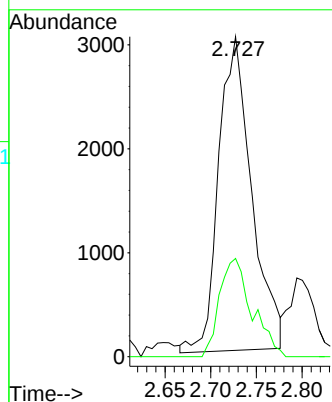
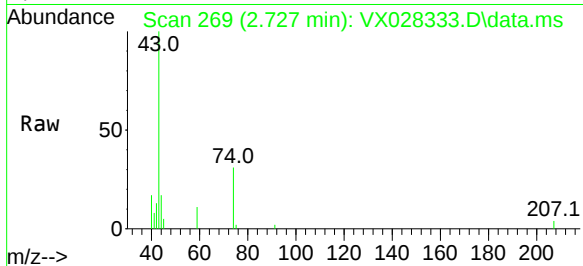




#18
Methyl Acetate
Concen: 1.409 ug/l
RT: 2.727 min Scan# 20
Delta R.T. 0.024 min
Lab File: VX028333.D
Acq: 25 Apr 2022 17:58

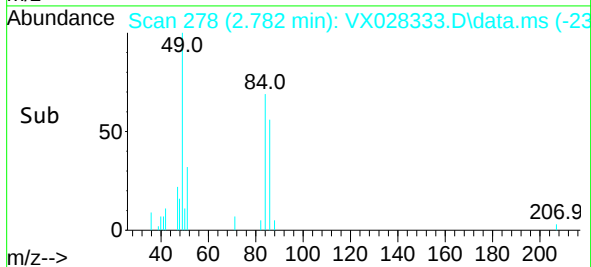
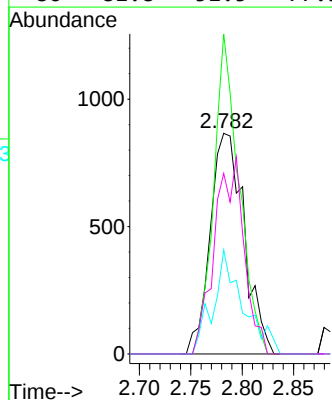
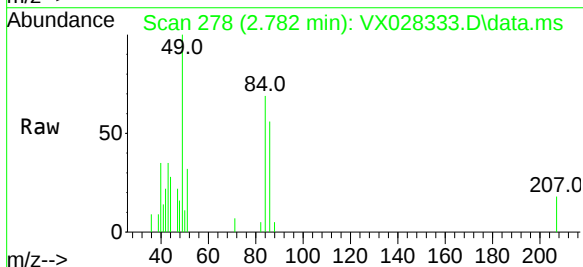
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ClientSampleId :
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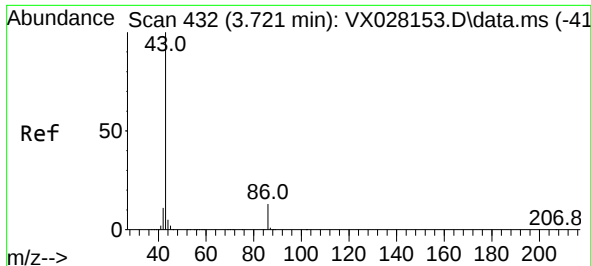
Tgt Ion: 43 Resp: 7587
Ion Ratio Lower Upper
43 100
74 30.7 22.8 34.2



#20
Methylene Chloride
Concen: 0.443 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX028333.D
Acq: 25 Apr 2022 17:58

Tgt Ion: 84 Resp: 1990
Ion Ratio Lower Upper
84 100
49 145.0 85.5 128.3#
51 47.1 26.6 39.8#
86 81.8 51.5 77.3#

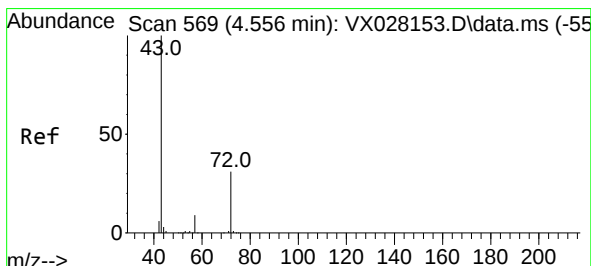
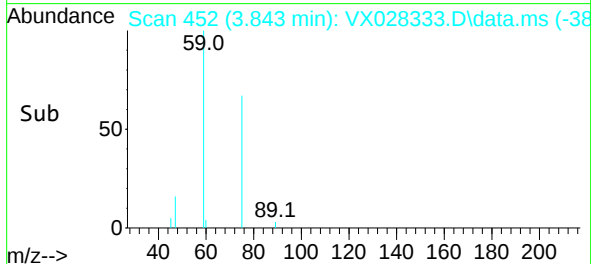
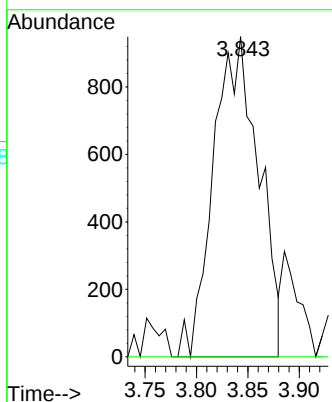
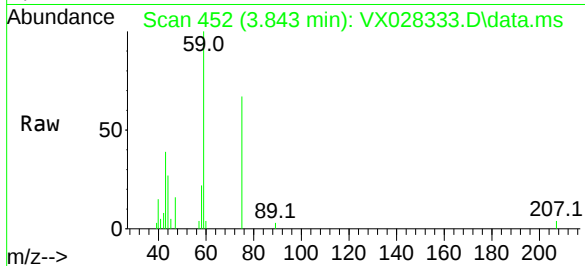




#23
 Vinyl Acetate
 Concen: 0.244 ug/l
 RT: 3.843 min Scan# 41
 Delta R.T. 0.122 min
 Lab File: VX028333.D
 Acq: 25 Apr 2022 17:58

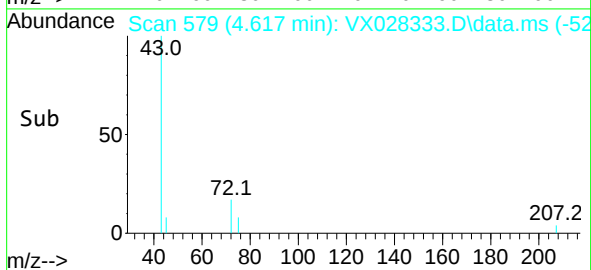
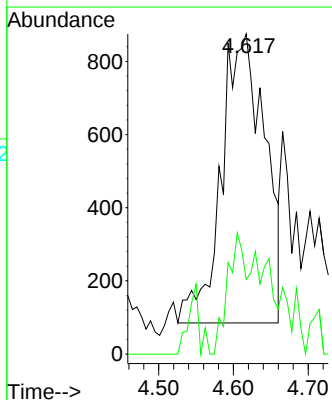
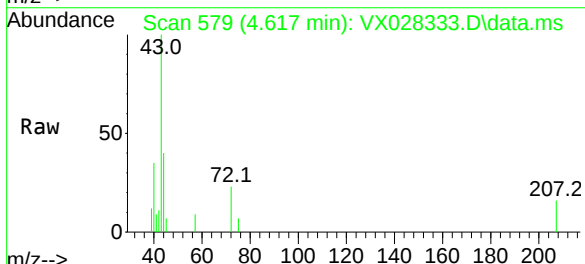
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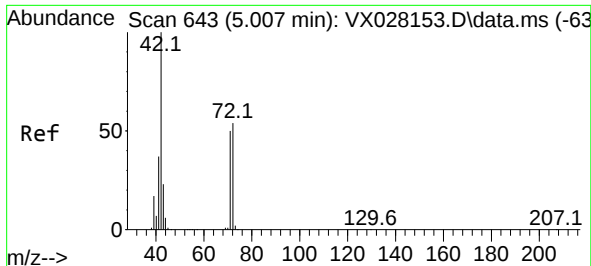
Tgt Ion: 43 Resp: 2911
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.8 16.2#



#25
 2-Butanone
 Concen: 0.892 ug/l
 RT: 4.617 min Scan# 579
 Delta R.T. 0.061 min
 Lab File: VX028333.D
 Acq: 25 Apr 2022 17:58

Tgt Ion: 43 Resp: 3200
 Ion Ratio Lower Upper
 43 100
 72 25.8 24.4 36.6





#29

Tetrahydrofuran

Concen: 0.446 ug/l

RT: 5.044 min Scan# 643

Delta R.T. 0.037 min

Lab File: VX028333.D

Acq: 25 Apr 2022 17:58

Instrument :

MSVOA_X

ClientSampleId :

1527

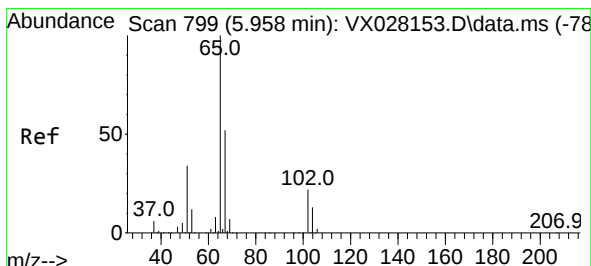
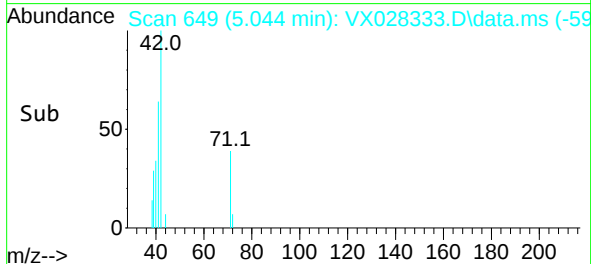
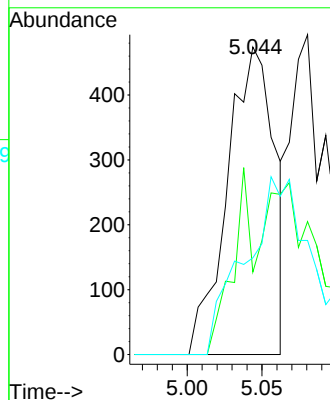
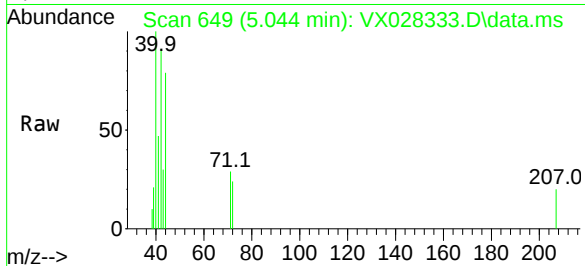
Tgt Ion: 42 Resp: 1043

Ion Ratio Lower Upper

42 100

72 24.4 44.1 66.1#

71 0.0 40.5 60.7#



#33

1,2-Dichloroethane-d4

Concen: 42.553 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028333.D

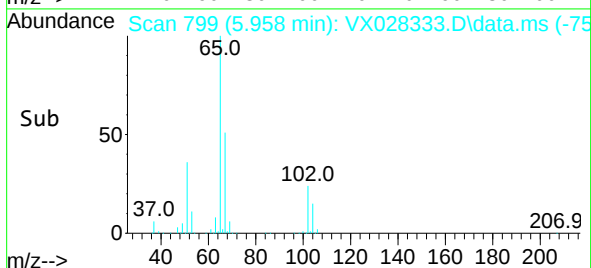
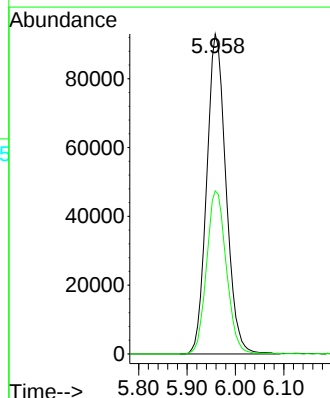
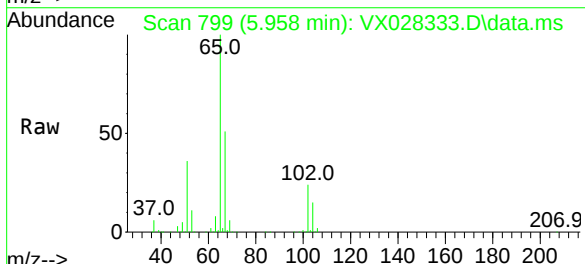
Acq: 25 Apr 2022 17:58

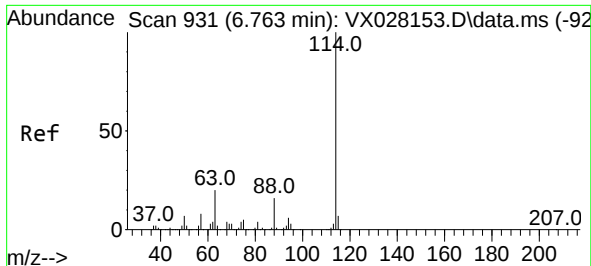
Tgt Ion: 65 Resp: 257695

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.4

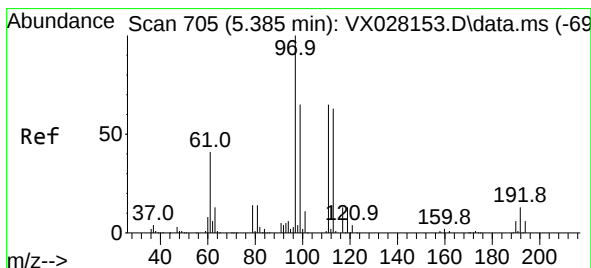
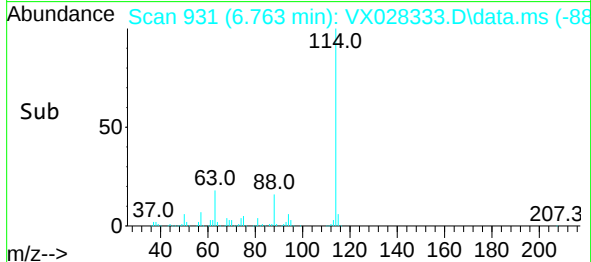
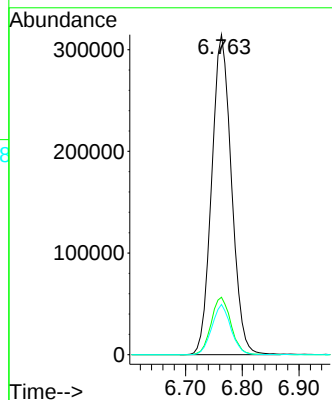
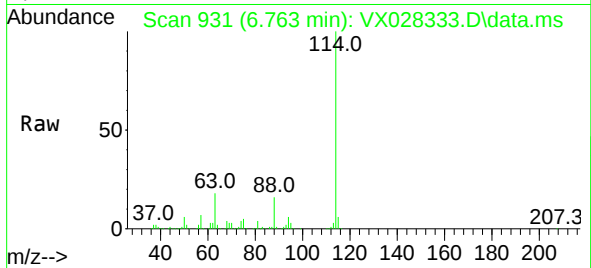




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX028333.D
 Acq: 25 Apr 2022 17:58

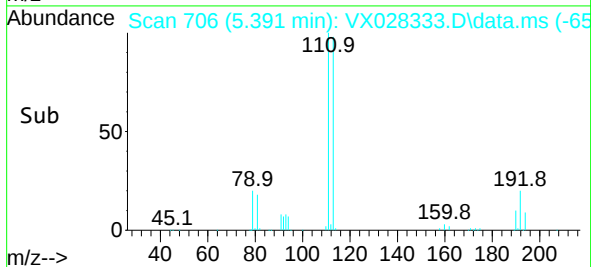
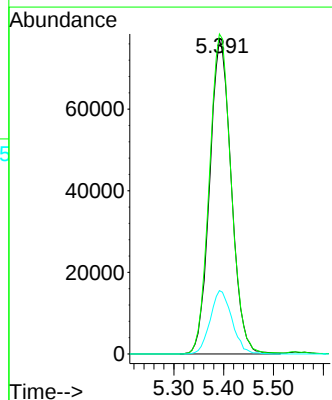
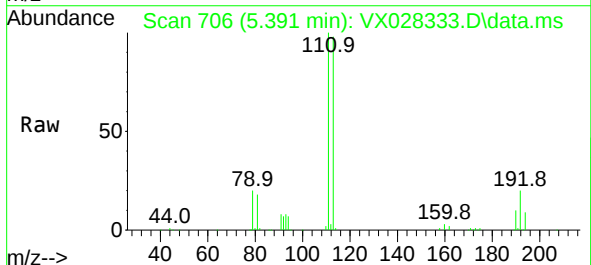
Instrument :
 MSVOA_X
 ClientSampleId :
 1527

Tgt Ion:114 Resp: 762900
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.8
 88 15.7 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 43.368 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.006 min
 Lab File: VX028333.D
 Acq: 25 Apr 2022 17:58

Tgt Ion:113 Resp: 232025
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.8 124.2
 192 20.3 16.9 25.3

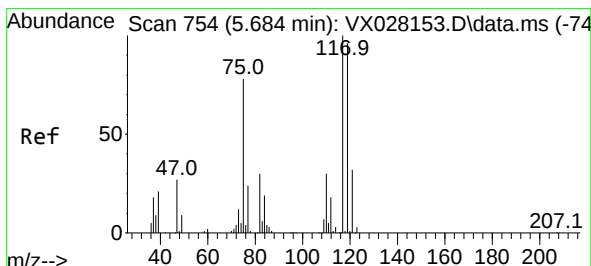
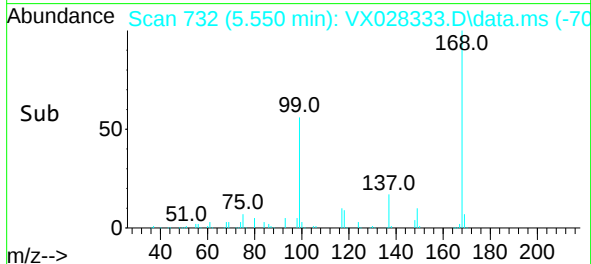
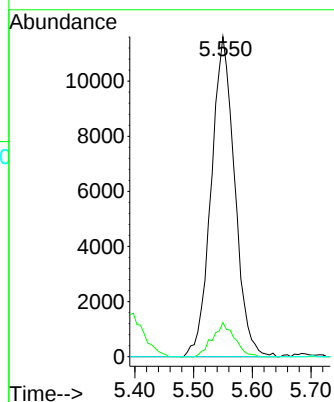
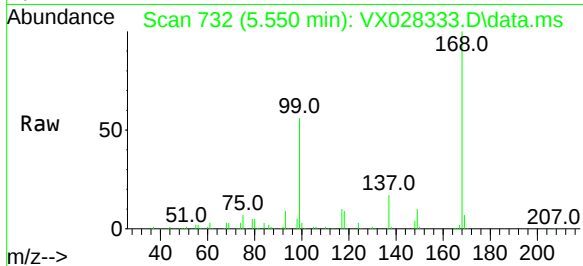




#36
1,1-Dichloropropene
Concen: 4.630 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX028333.D
Acq: 25 Apr 2022 17:58

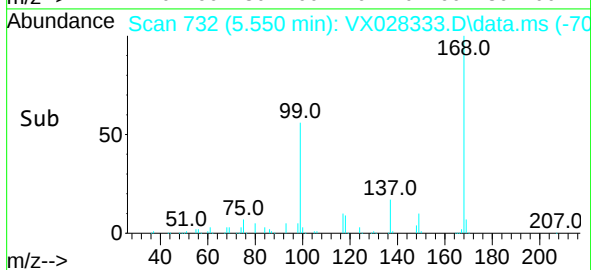
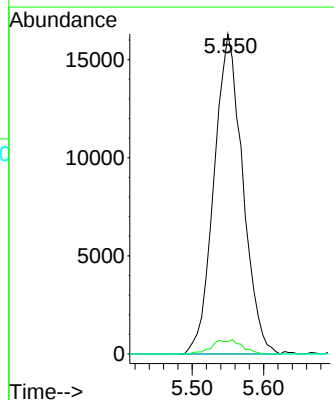
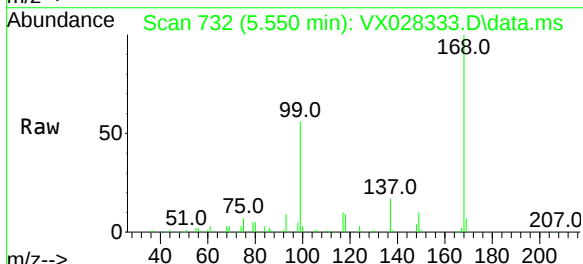
Instrument :
MSVOA_X
ClientSampleId :
1527

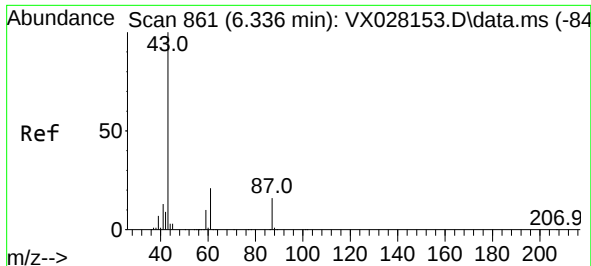
Tgt Ion: 75 Resp: 32311
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.761 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX028333.D
Acq: 25 Apr 2022 17:58

Tgt Ion: 117 Resp: 45388
Ion Ratio Lower Upper
117 100
119 3.9 77.3 115.9#
121 0.0 24.2 36.2#

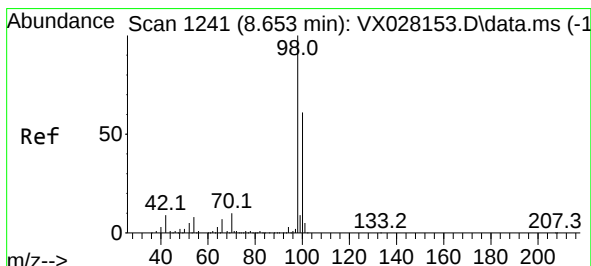
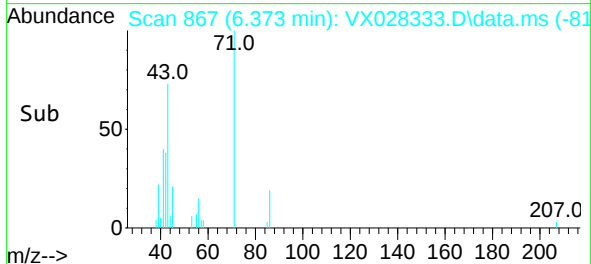
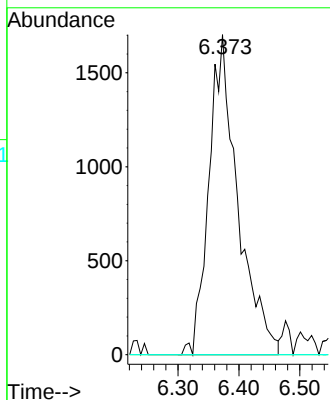
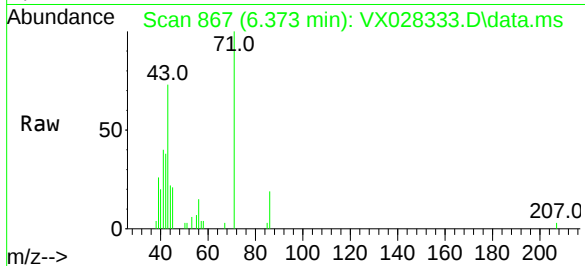




#43
Isopropyl Acetate
Concen: 0.488 ug/l
RT: 6.373 min Scan# 867
Delta R.T. 0.037 min
Lab File: VX028333.D
Acq: 25 Apr 2022 17:58

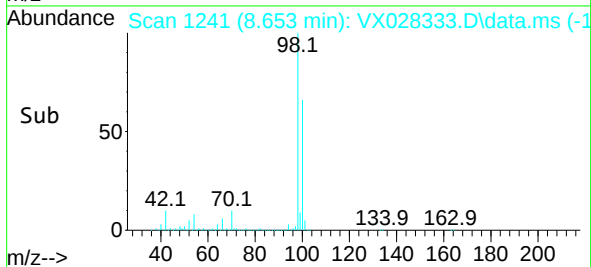
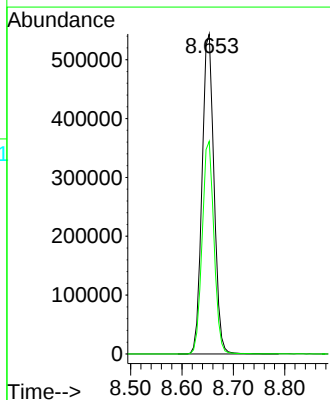
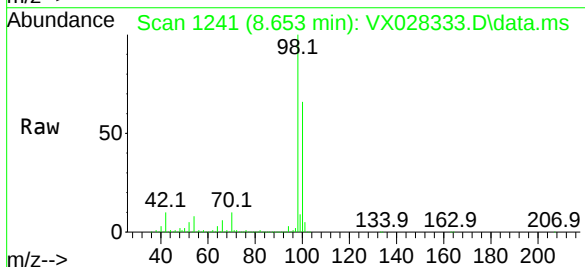
Instrument :
MSVOA_X
ClientSampleId :
1527

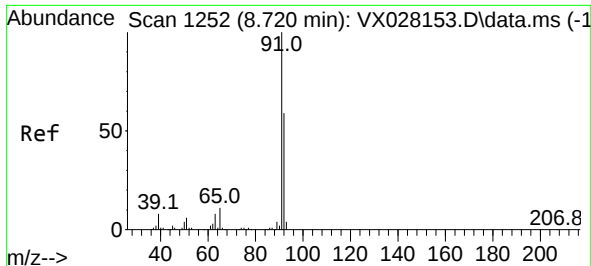
Tgt Ion: 43 Resp: 5620
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 0.0 13.0 19.6#



#50
Toluene-d8
Concen: 42.601 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028333.D
Acq: 25 Apr 2022 17:58

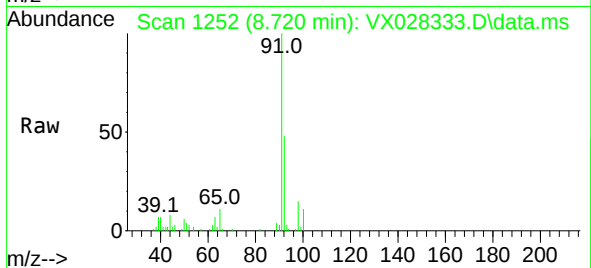
Tgt Ion: 98 Resp: 875400
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8



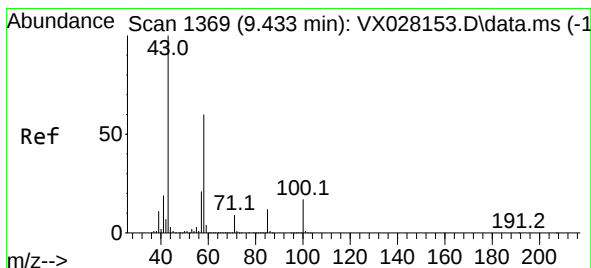
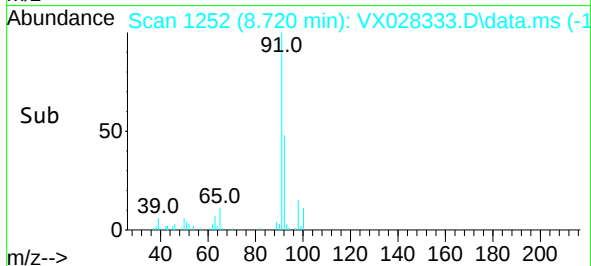
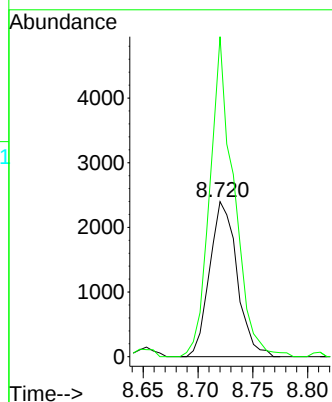


#52
Toluene
Concen: 0.294 ug/l
RT: 8.720 min Scan# 11527
Delta R.T. 0.000 min
Lab File: VX028333.D
Acq: 25 Apr 2022 17:58

Instrument :
MSVOA_X
ClientSampleId :

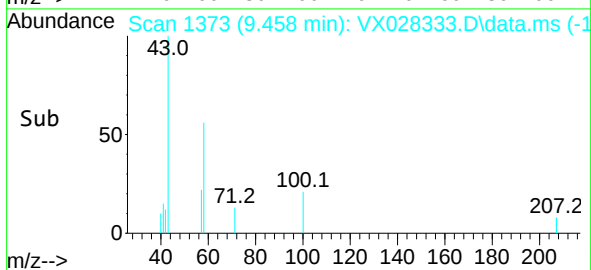
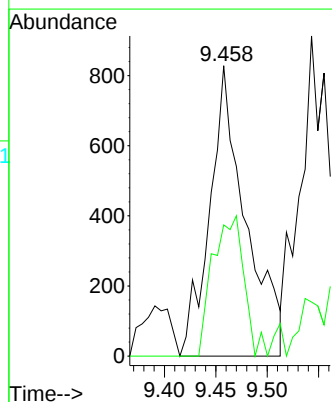
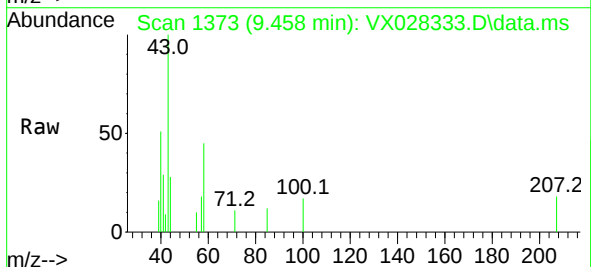


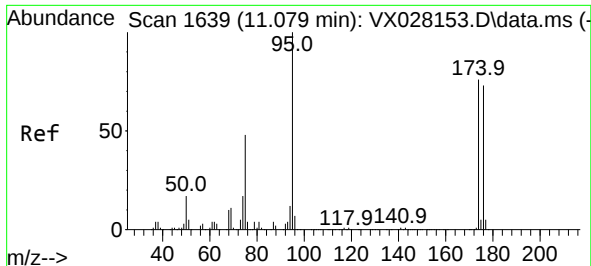
Tgt Ion: 92 Resp: 4176
Ion Ratio Lower Upper
92 100
91 181.3 137.5 206.3



#59
2-Hexanone
Concen: 0.352 ug/l
RT: 9.458 min Scan# 1373
Delta R.T. 0.025 min
Lab File: VX028333.D
Acq: 25 Apr 2022 17:58

Tgt Ion: 43 Resp: 2015
Ion Ratio Lower Upper
43 100
58 42.0 31.9 95.7

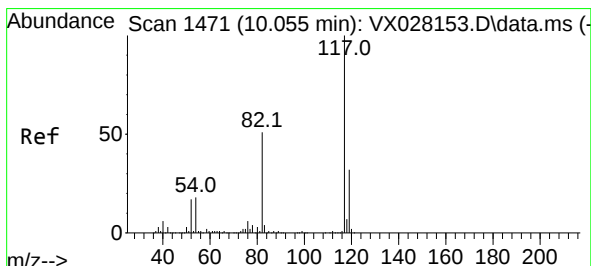
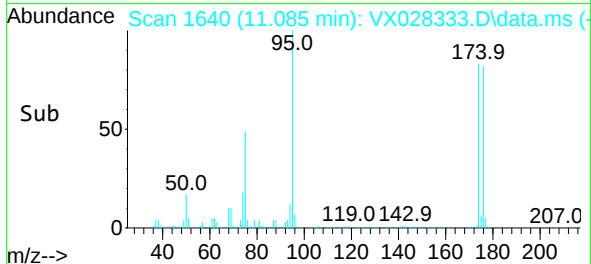
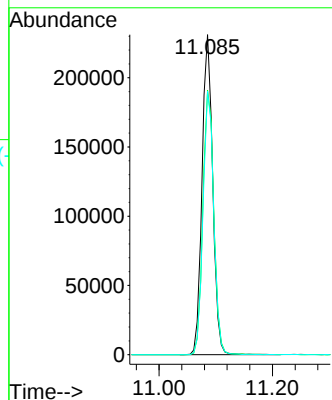
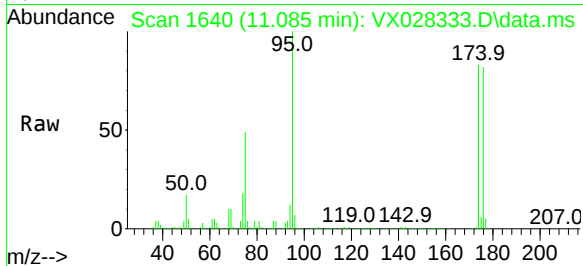




#62
4-Bromofluorobenzene
Concen: 38.418 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028333.D
Acq: 25 Apr 2022 17:58

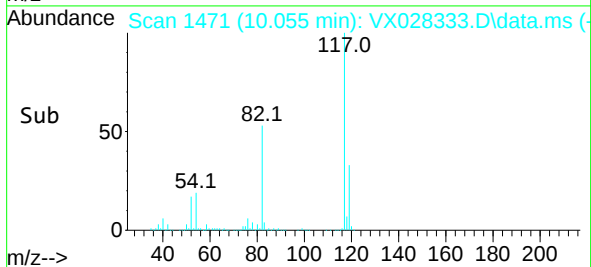
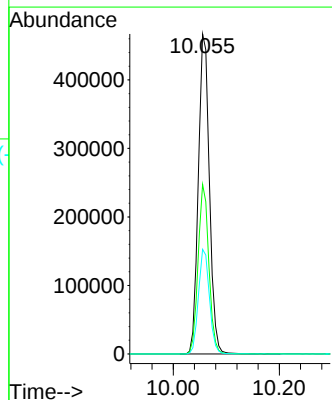
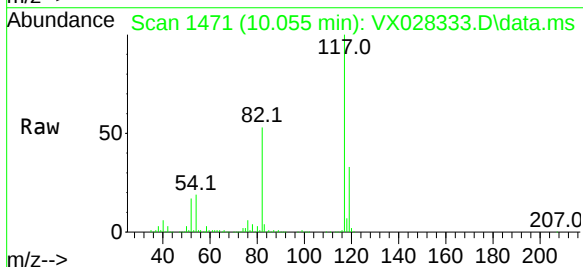
Instrument :
MSVOA_X
ClientSampleId :
1527

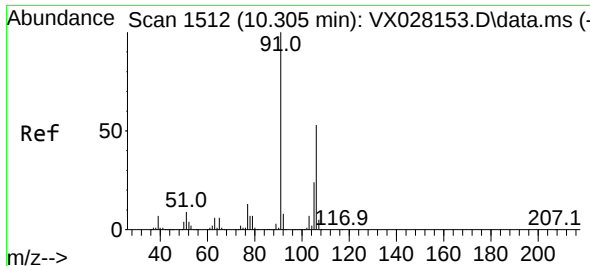
Tgt Ion: 95 Resp: 301852
Ion Ratio Lower Upper
95 100
174 84.4 0.0 163.0
176 82.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028333.D
Acq: 25 Apr 2022 17:58

Tgt Ion: 117 Resp: 677676
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.8
119 32.7 24.8 37.2

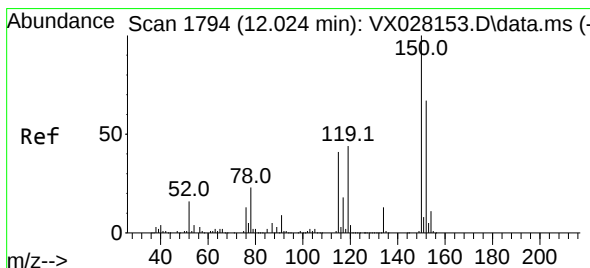
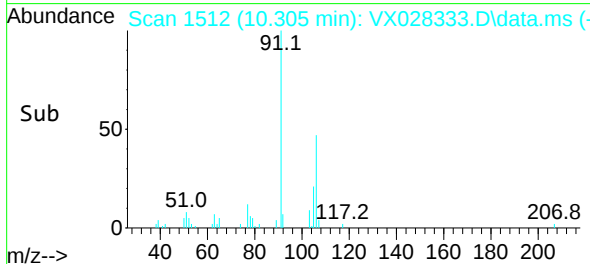
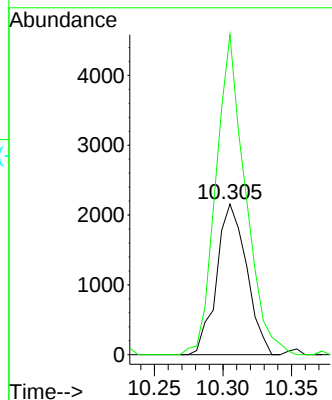
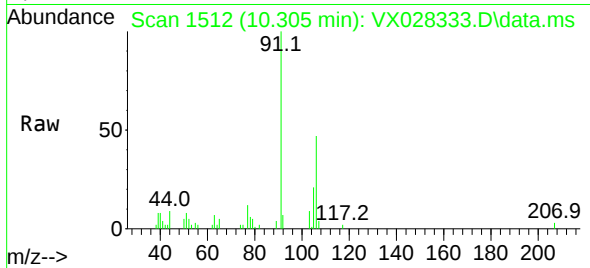




#68
m/p-Xylenes
Concen: 0.333 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028333.D
Acq: 25 Apr 2022 17:58

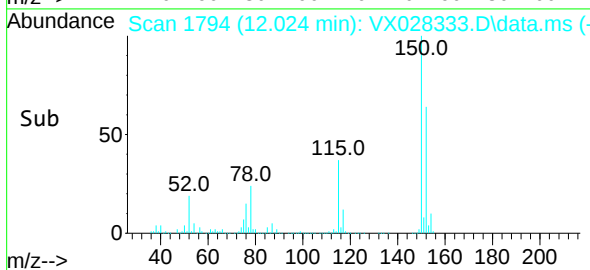
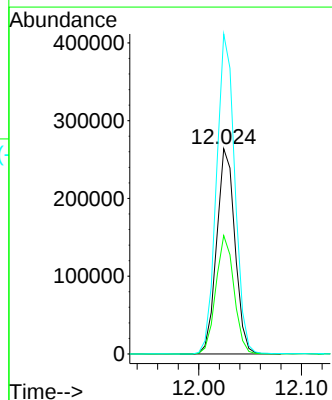
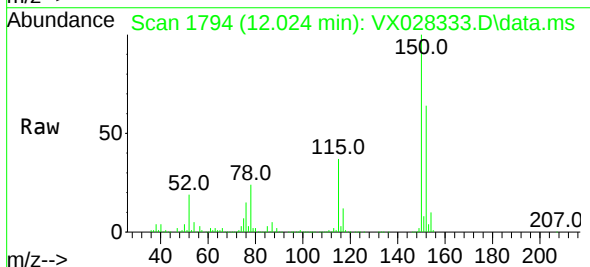
Instrument :
MSVOA_X
ClientSampleId :
1527

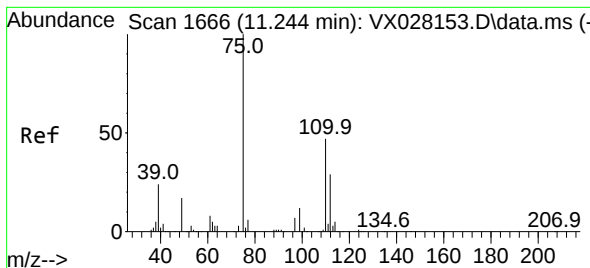
Tgt Ion:106 Resp: 3281
Ion Ratio Lower Upper
106 100
91 208.2 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028333.D
Acq: 25 Apr 2022 17:58

Tgt Ion:152 Resp: 326144
Ion Ratio Lower Upper
152 100
115 57.1 37.5 112.7
150 156.3 0.0 338.2





#76

1,2,3-Trichloropropane

Concen: 23.451 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX028333.D

Acq: 25 Apr 2022 17:58

Instrument :

MSVOA_X

ClientSampleId :

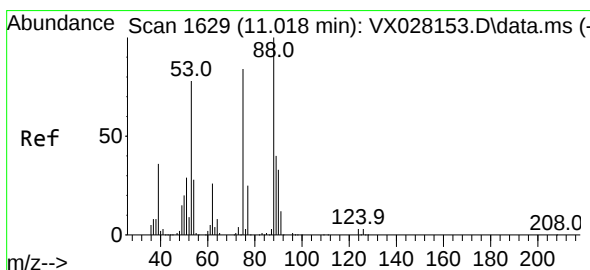
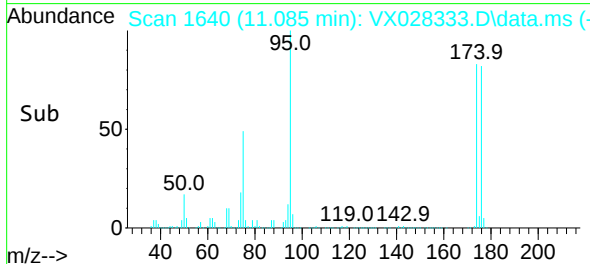
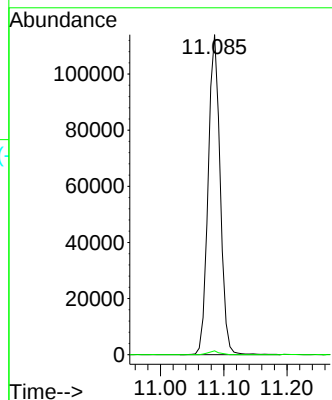
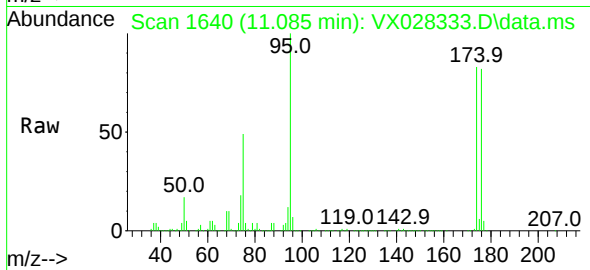
1527

Tgt Ion: 75 Resp: 150523

Ion Ratio Lower Upper

75 100

77 1.1 19.4 58.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.689 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX028333.D

Acq: 25 Apr 2022 17:58

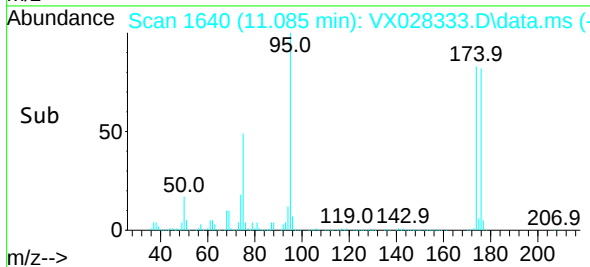
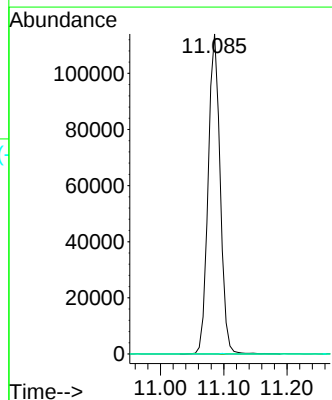
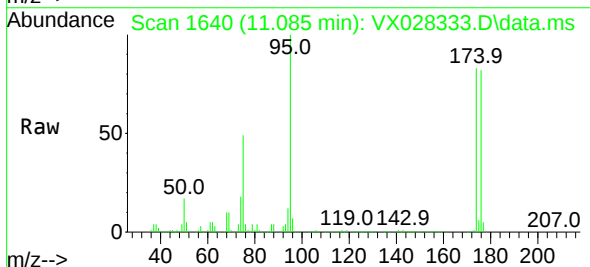
Tgt Ion: 75 Resp: 150523

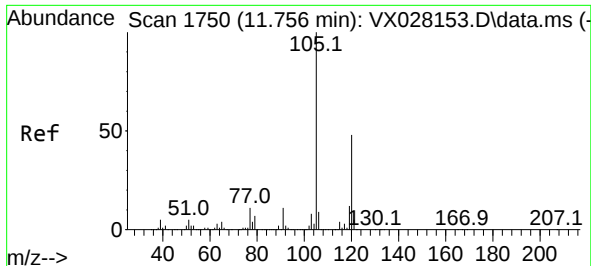
Ion Ratio Lower Upper

75 100

53 0.0 69.0 103.4#

89 0.0 37.0 55.6#

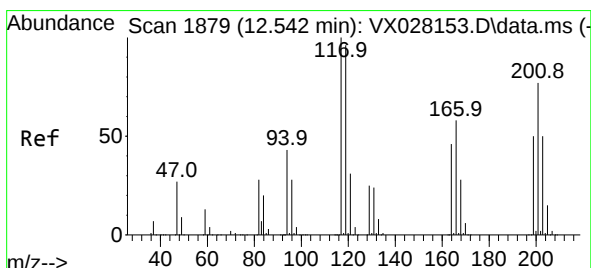
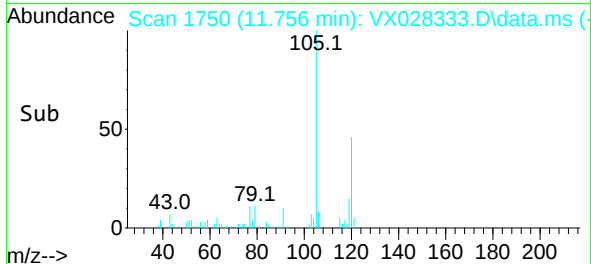
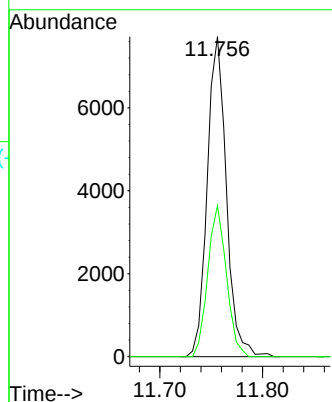
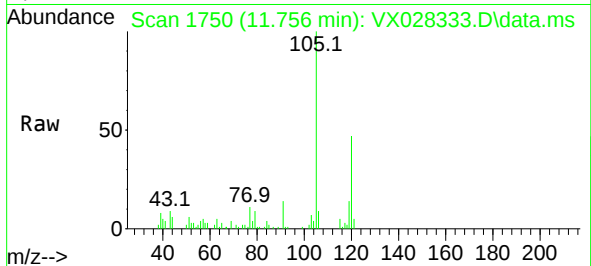




#84
1,2,4-Trimethylbenzene
Concen: 0.528 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028333.D
Acq: 25 Apr 2022 17:58

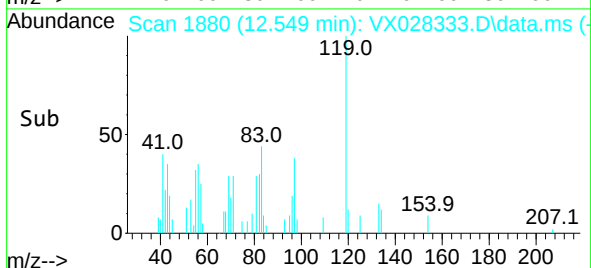
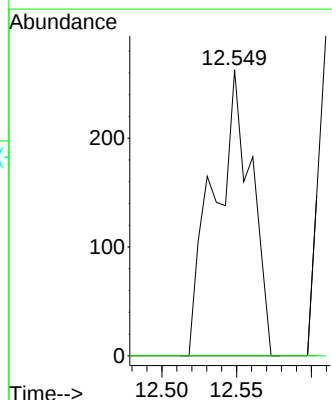
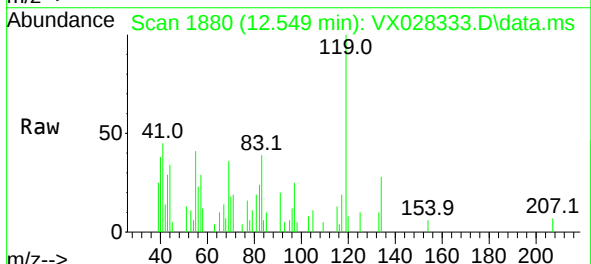
Instrument :
MSVOA_X
ClientSampleId :
1527

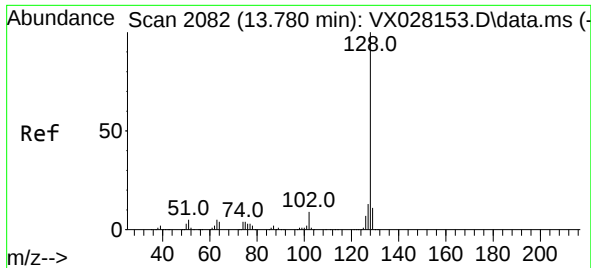
Tgt Ion:105 Resp: 9995
Ion Ratio Lower Upper
105 100
120 45.9 22.6 67.8



#90
Hexachloroethane
Concen: 1.934 ug/l
RT: 12.549 min Scan# 1880
Delta R.T. 0.007 min
Lab File: VX028333.D
Acq: 25 Apr 2022 17:58

Tgt Ion:117 Resp: 455
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#





#95

Naphthalene

Concen: 0.687 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX028333.D

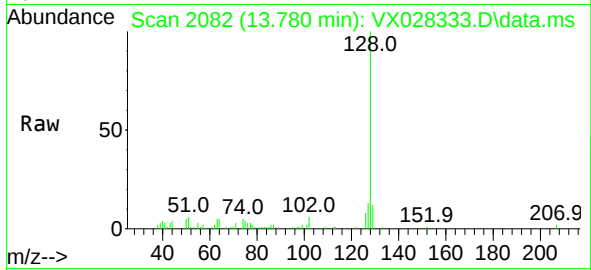
Acq: 25 Apr 2022 17:58

Instrument :

MSVOA_X

ClientSampleId :

1527



Tgt Ion:128 Resp: 14838

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.7 8.7 13.1

