

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042622\
 Data File : VX028348.D
 Acq On : 26 Apr 2022 14:40
 Operator : JC/MD
 Sample : N2476-01ME
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAT-01-041922

Quant Time: Apr 26 17:45:41 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	477963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	775957	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	713387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	354202	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	260152	41.744	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	83.480%
35) Dibromofluoromethane	5.391	113	232564	42.737	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	85.480%
50) Toluene-d8	8.653	98	894912	42.818	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	85.640%
62) 4-Bromofluorobenzene	11.085	95	321595	40.242	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	80.480%

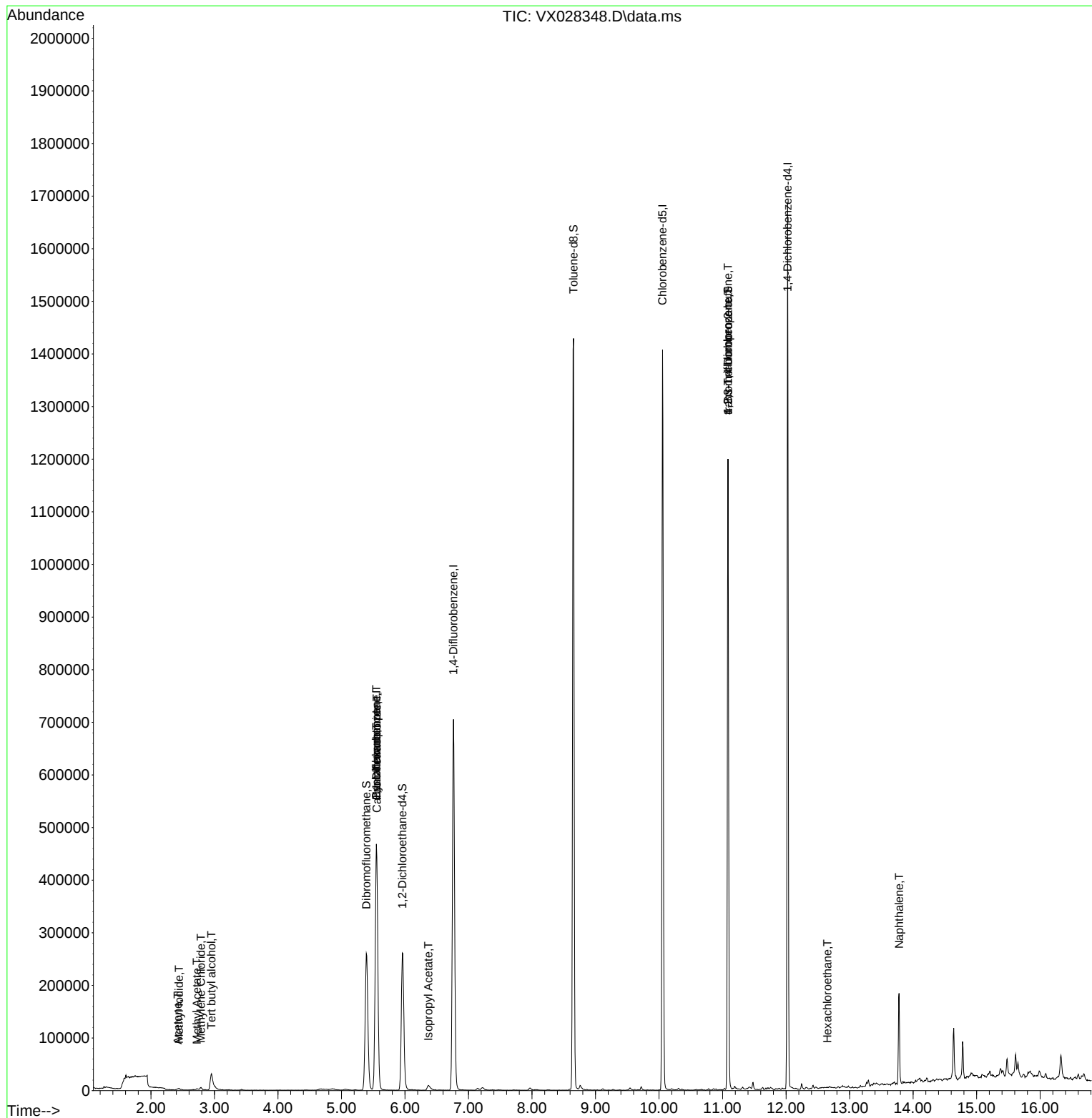
Target Compounds					Qvalue
3) Chloromethane	1.288	50	644	Below Cal	88
5) Bromomethane	1.605	94	2031	Below Cal	97
6) Chloroethane	1.679	64	189	Below Cal	# 59
8) Diethyl Ether	2.111	74	34	Below Cal	# 7
10) Methyl Iodide	2.441	142	1564	5.499	ug/l 99
11) Tert butyl alcohol	2.953	59	26540	12.812	ug/l # 75
16) Acetone	2.422	43	3376	0.380	ug/l # 79
18) Methyl Acetate	2.721	43	2767	0.499	ug/l 96
20) Methylene Chloride	2.788	84	2404	0.520	ug/l 94
31) Cyclohexane	5.550	56	8641	1.138	ug/l # 20
36) 1,1-Dichloropropene	5.550	75	33341	4.697	ug/l # 49
38) Carbon Tetrachloride	5.556	117	45408	5.667	ug/l # 15
43) Isopropyl Acetate	6.367	43	5551	0.474	ug/l # 57
76) 1,2,3-Trichloropropane	11.085	75	157841	22.643	ug/l # 38
81) trans-1,4-Dichloro-2-b...	11.085	75	157841	67.288	ug/l # 15
90) Hexachloroethane	12.652	117	165	1.854	ug/l # 10
95) Naphthalene	13.780	128	114794	4.895	ug/l 99

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

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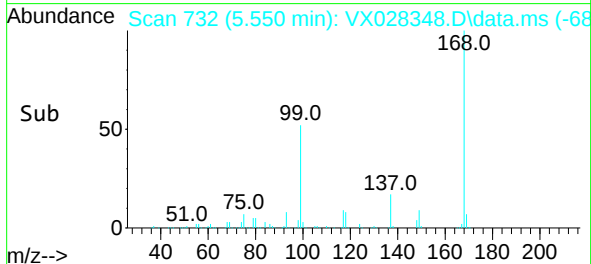
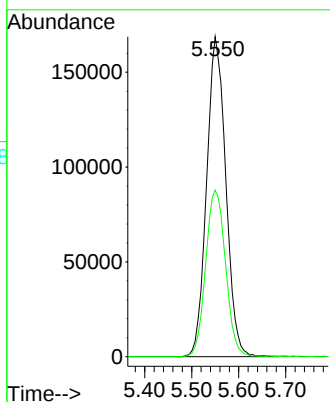
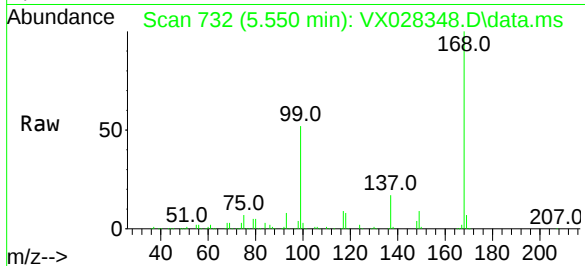




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028348.D
Acq: 26 Apr 2022 14:40

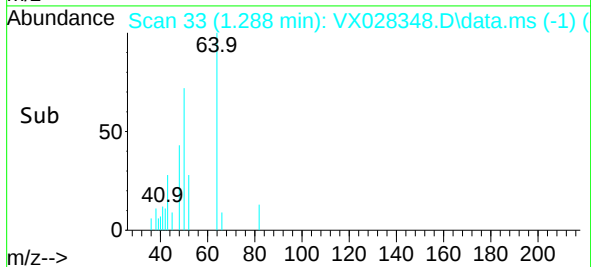
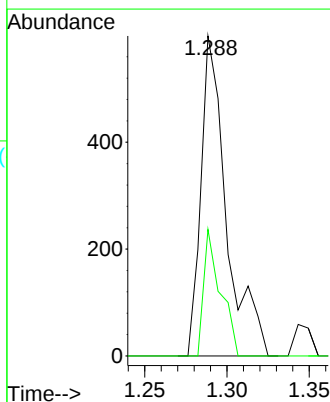
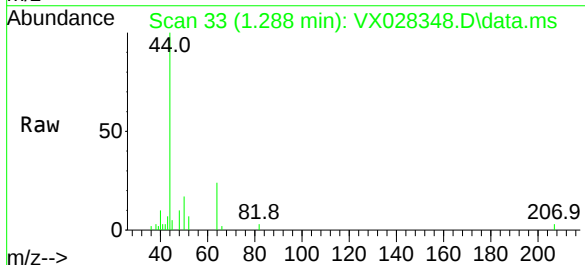
Instrument :
MSVOA_X
ClientSampleId :
PAT-01-041922

Tgt Ion:168 Resp: 477963
Ion Ratio Lower Upper
168 100
99 52.0 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028348.D
Acq: 26 Apr 2022 14:40

Tgt Ion: 50 Resp: 644
Ion Ratio Lower Upper
50 100
52 39.6 26.4 39.6

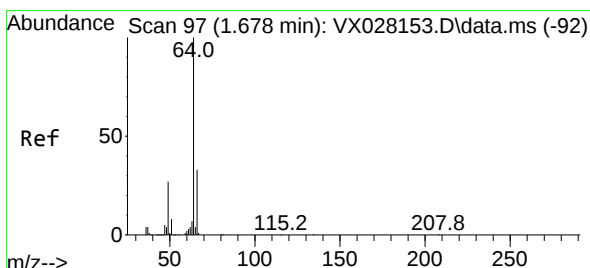
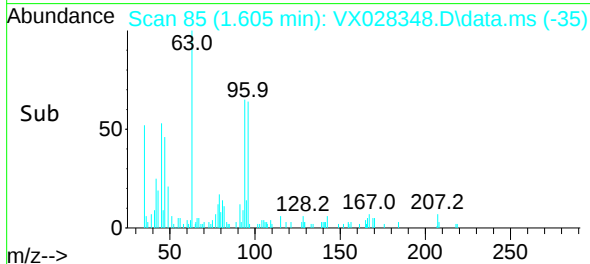
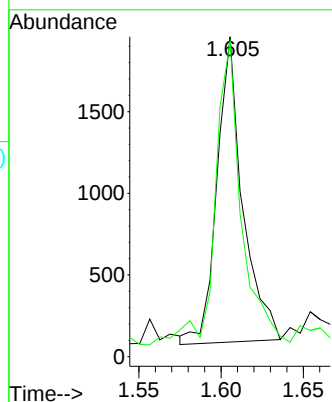
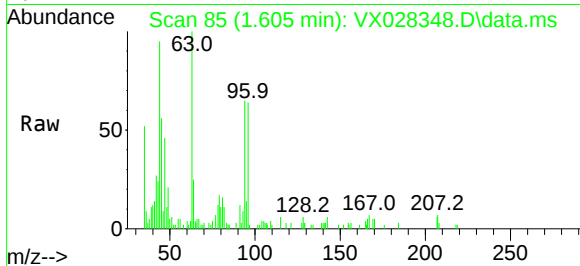




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX028348.D
Acq: 26 Apr 2022 14:40

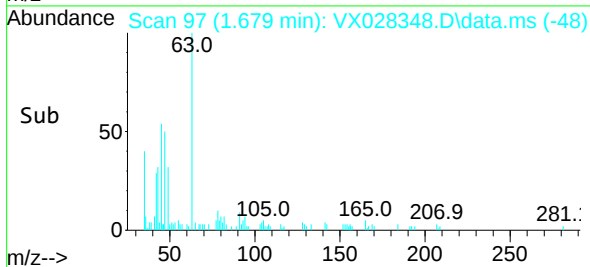
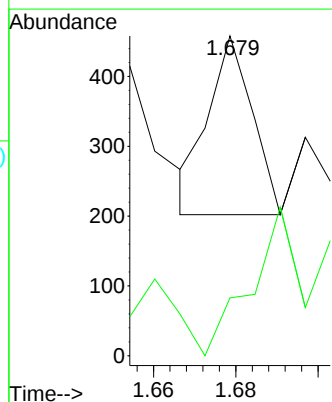
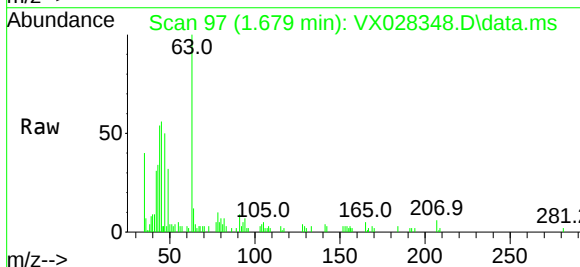
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ClientSampleId :
PAT-01-041922

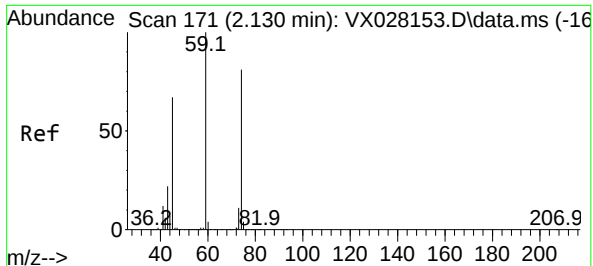
Tgt Ion: 94 Resp: 2031
Ion Ratio Lower Upper
94 100
96 97.4 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX028348.D
Acq: 26 Apr 2022 14:40

Tgt Ion: 64 Resp: 189
Ion Ratio Lower Upper
64 100
66 9.0 25.3 37.9

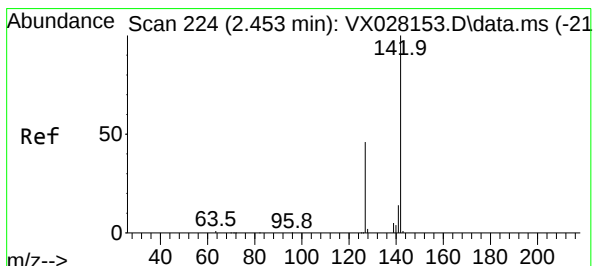
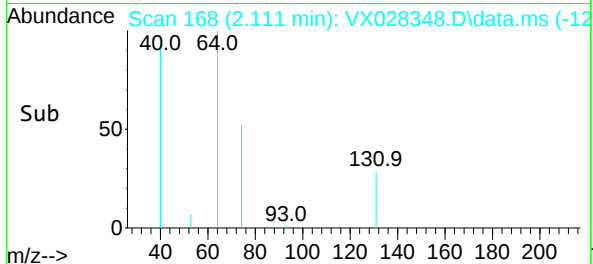
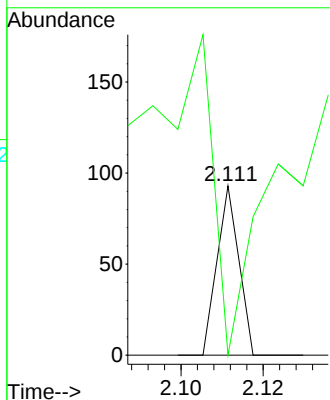
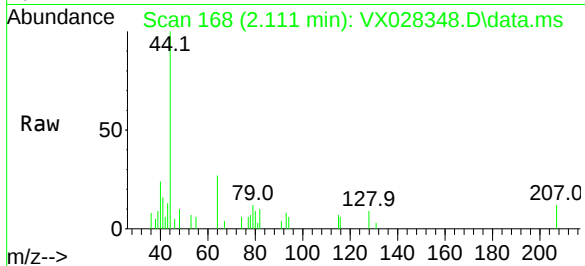




#8
Diethyl Ether
Concen: Below Cal
RT: 2.111 min Scan# 1
Delta R.T. -0.019 min
Lab File: VX028348.D
Acq: 26 Apr 2022 14:40

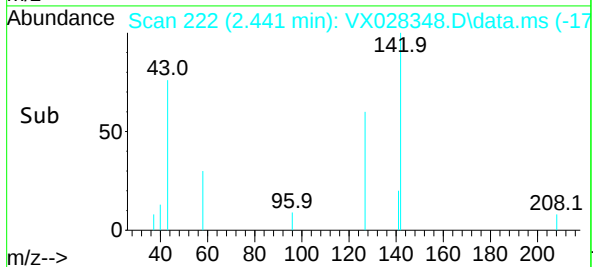
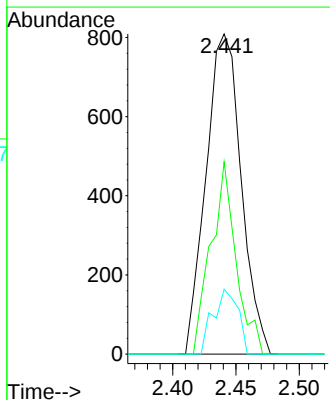
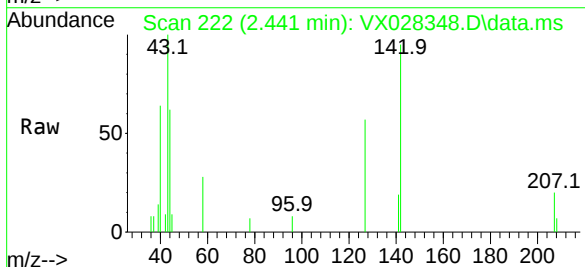
Instrument :
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ClientSampleId :
PAT-01-041922

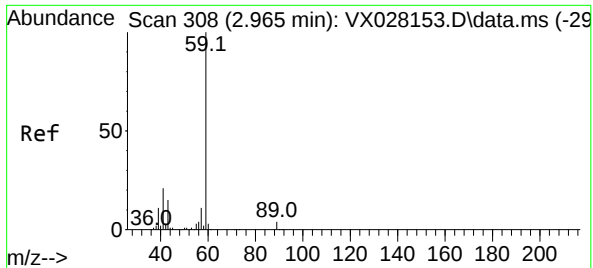
Tgt Ion: 74 Resp: 34
Ion Ratio Lower Upper
74 100
45 0.0 42.0 126.0#



#10
Methyl Iodide
Concen: 5.499 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.012 min
Lab File: VX028348.D
Acq: 26 Apr 2022 14:40

Tgt Ion:142 Resp: 1564
Ion Ratio Lower Upper
142 100
127 43.0 33.9 50.9
141 14.3 11.4 17.2

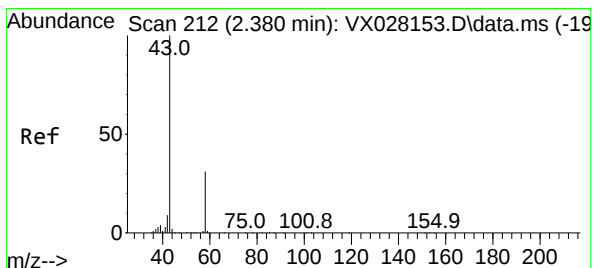
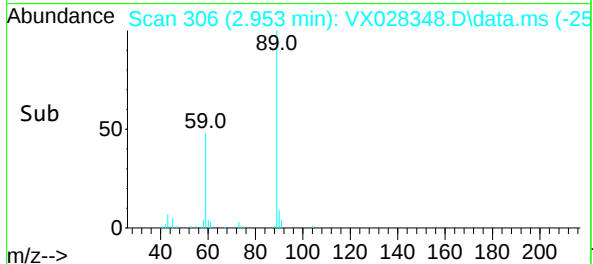
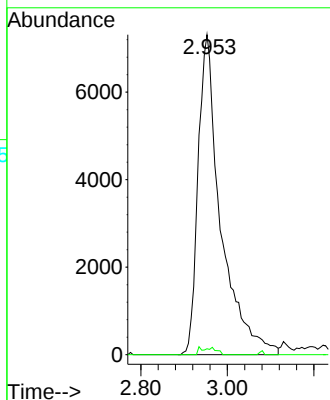
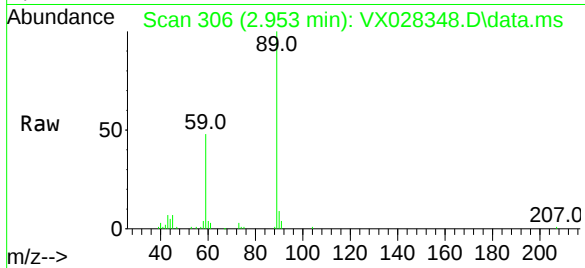




#11
Tert butyl alcohol
Concen: 12.812 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX028348.D
Acq: 26 Apr 2022 14:40

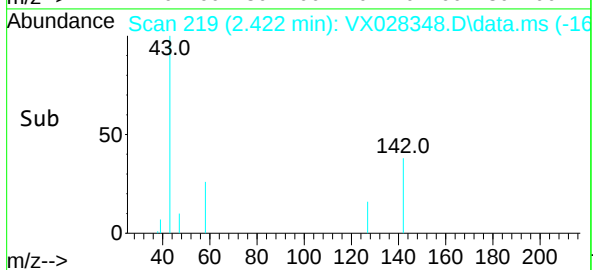
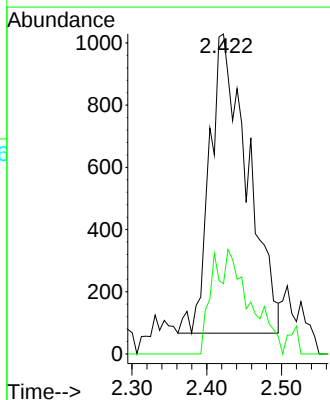
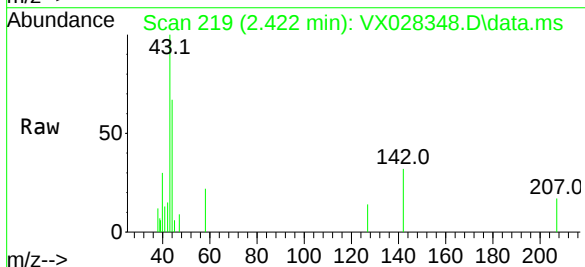
Instrument :
MSVOA_X
ClientSampleId :
PAT-01-041922

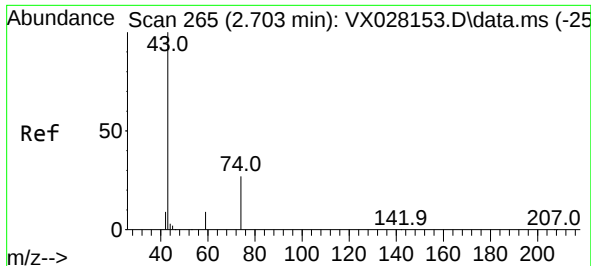
Tgt Ion: 59 Resp: 26540
Ion Ratio Lower Upper
59 100
57 1.0 8.3 12.5#



#16
Acetone
Concen: 0.380 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.042 min
Lab File: VX028348.D
Acq: 26 Apr 2022 14:40

Tgt Ion: 43 Resp: 3376
Ion Ratio Lower Upper
43 100
58 23.5 28.8 43.2#

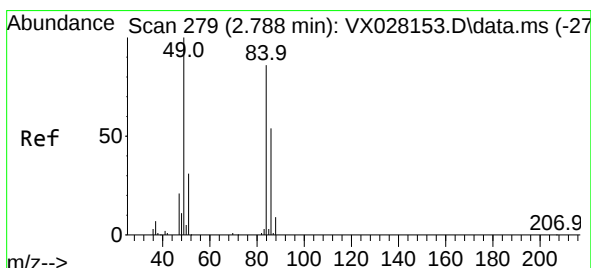
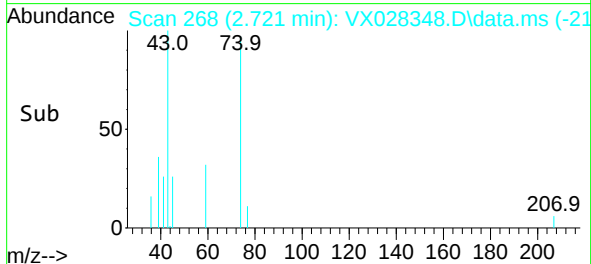
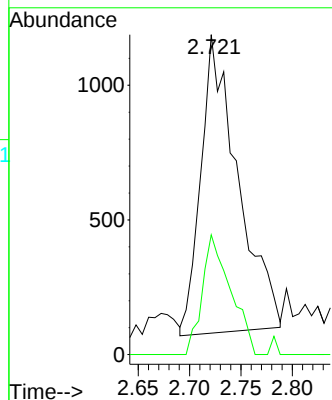
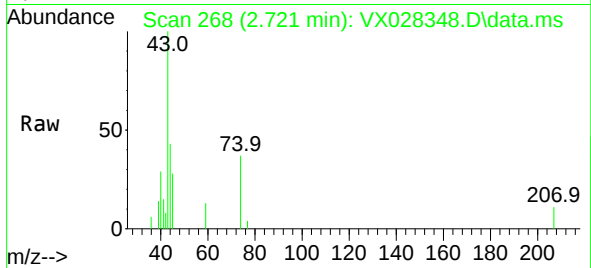




#18
Methyl Acetate
Concen: 0.499 ug/l
RT: 2.721 min Scan# 206
Delta R.T. 0.018 min
Lab File: VX028348.D
Acq: 26 Apr 2022 14:40

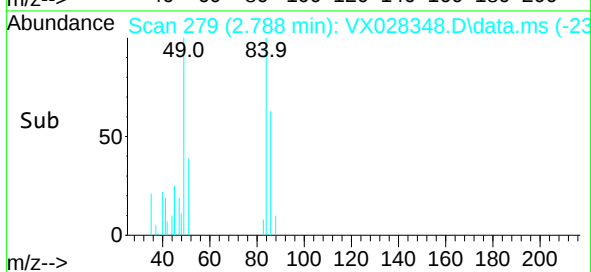
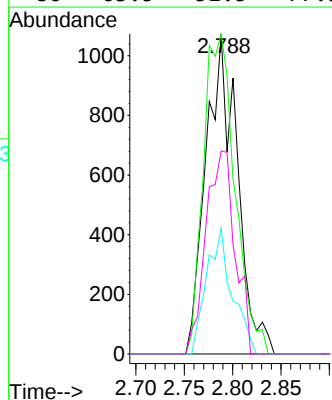
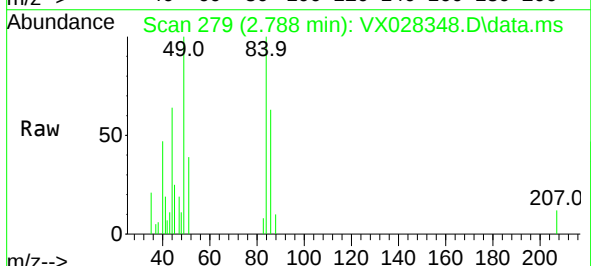
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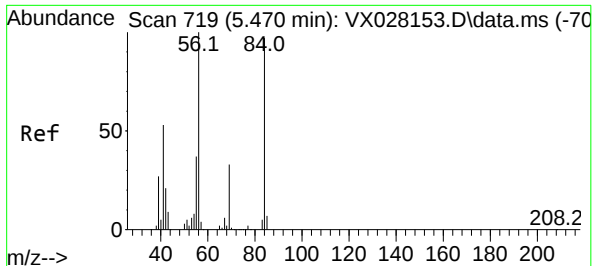
Tgt Ion: 43 Resp: 2767
Ion Ratio Lower Upper
43 100
74 30.9 22.8 34.2



#20
Methylene Chloride
Concen: 0.520 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028348.D
Acq: 26 Apr 2022 14:40

Tgt Ion: 84 Resp: 2404
Ion Ratio Lower Upper
84 100
49 99.9 85.5 128.3
51 39.3 26.6 39.8
86 63.5 51.5 77.3

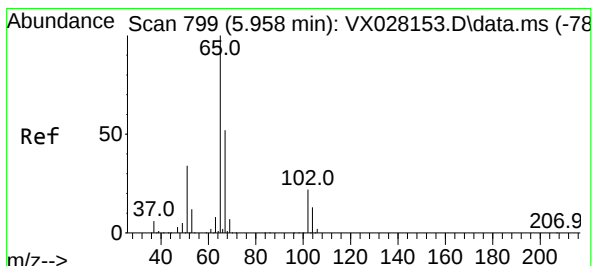
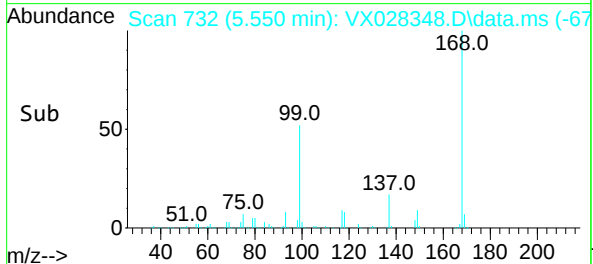
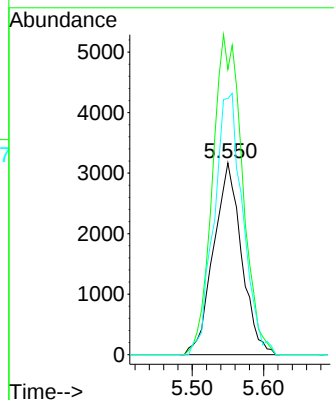
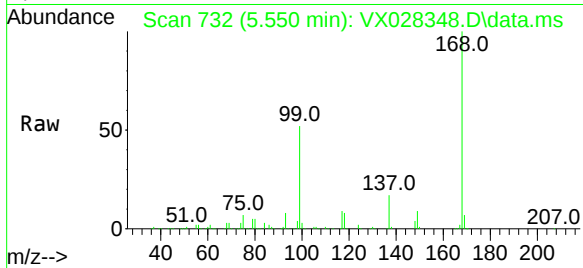




#31
Cyclohexane
Concen: 1.138 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX028348.D
Acq: 26 Apr 2022 14:40

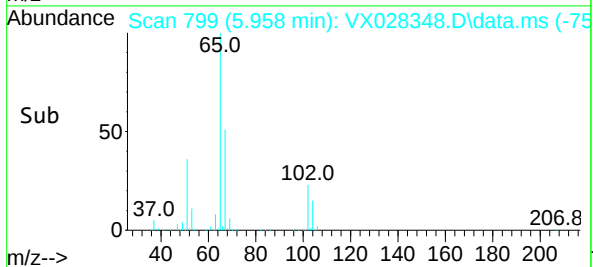
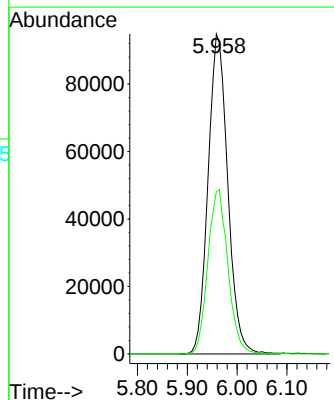
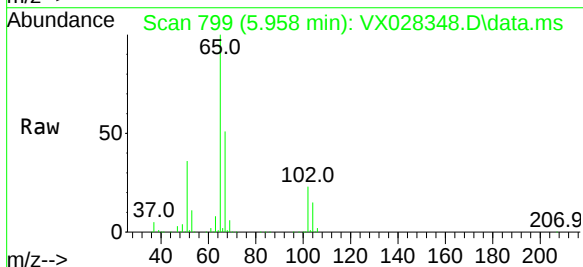
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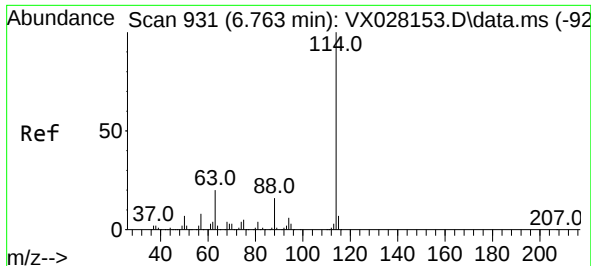
Tgt Ion: 56 Resp: 8641
Ion Ratio Lower Upper
56 100
69 148.7 26.7 40.1#
84 133.6 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 41.744 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028348.D
Acq: 26 Apr 2022 14:40

Tgt Ion: 65 Resp: 260152
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.4

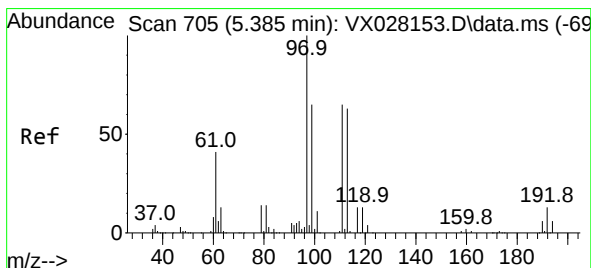
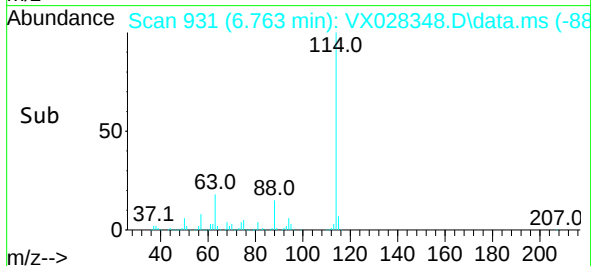
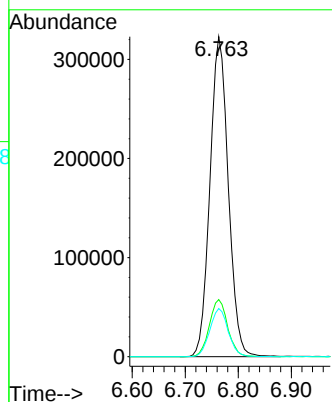
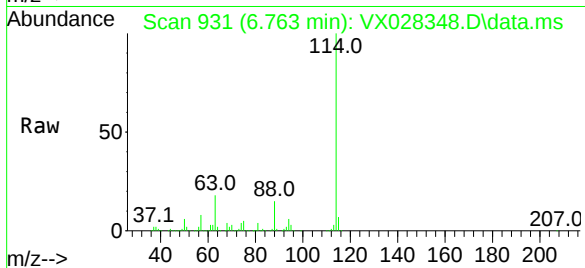




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028348.D
Acq: 26 Apr 2022 14:40

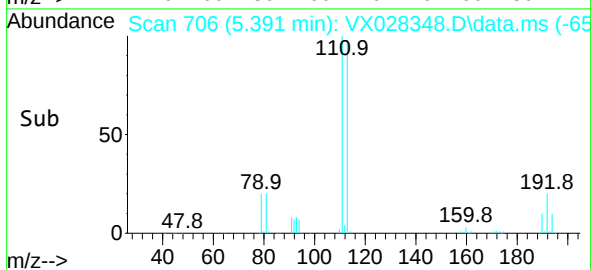
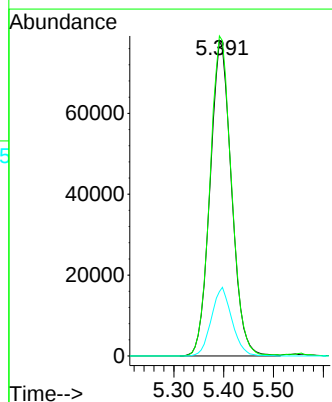
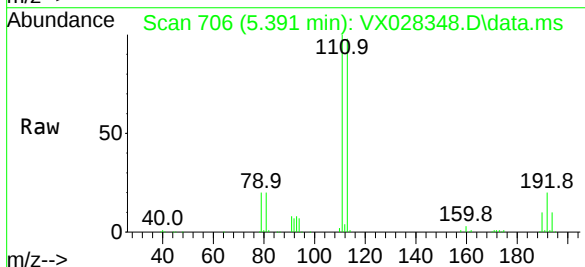
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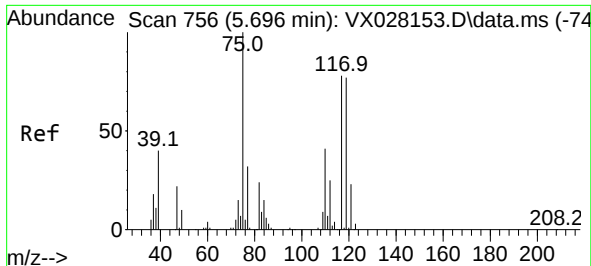
Tgt Ion:114 Resp: 775957
Ion Ratio Lower Upper
114 100
63 17.9 0.0 36.8
88 15.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 42.737 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028348.D
Acq: 26 Apr 2022 14:40

Tgt Ion:113 Resp: 232564
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 20.9 16.9 25.3

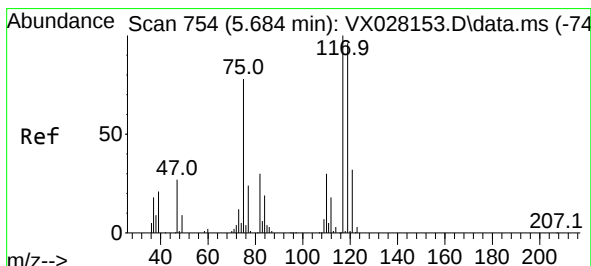
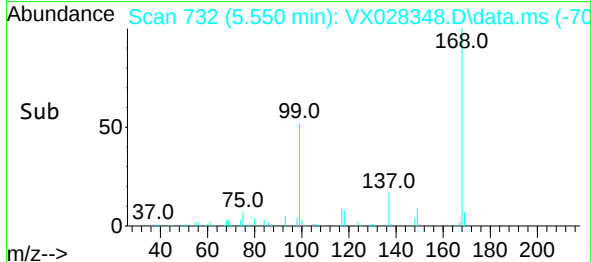
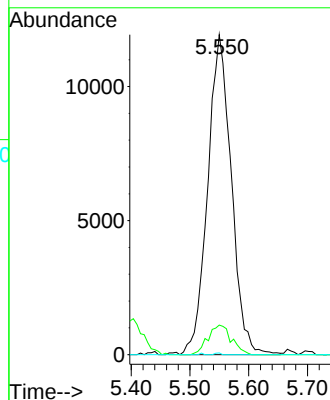
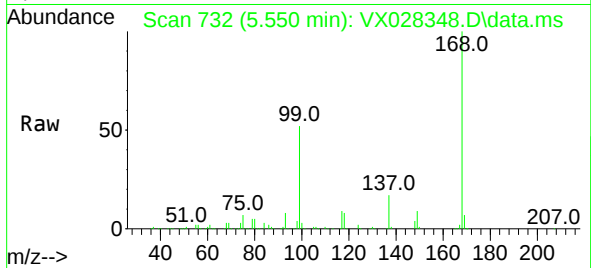




#36
1,1-Dichloropropene
Concen: 4.697 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX028348.D
Acq: 26 Apr 2022 14:40

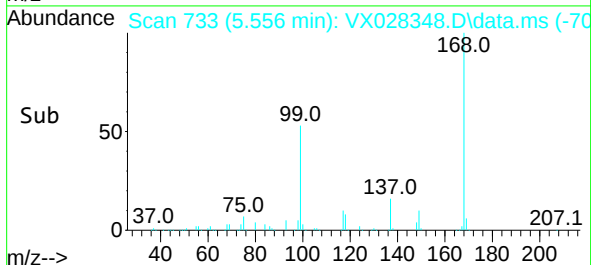
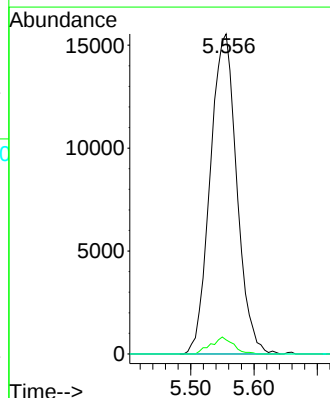
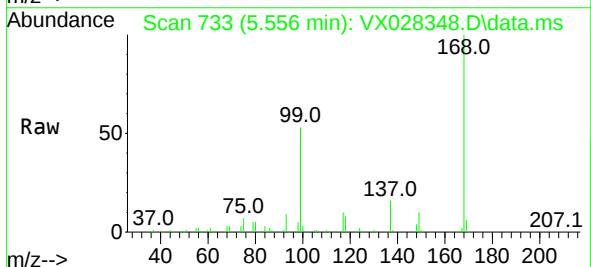
Instrument :
MSVOA_X
ClientSampleId :
PAT-01-041922

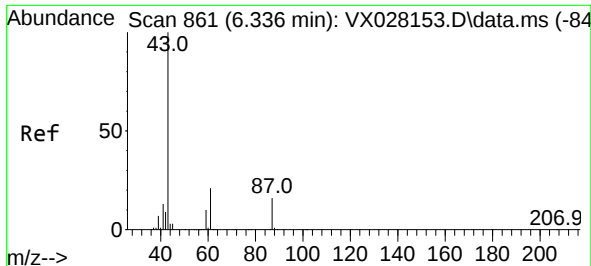
Tgt Ion: 75 Resp: 33341
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.1 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.667 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX028348.D
Acq: 26 Apr 2022 14:40

Tgt Ion: 117 Resp: 45408
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.2 36.2#

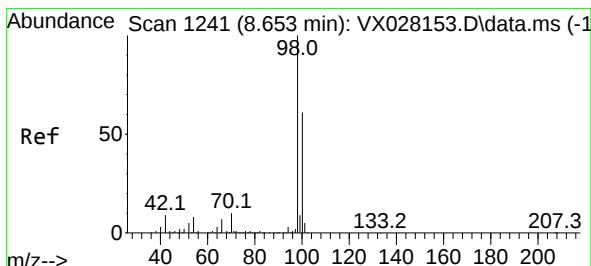
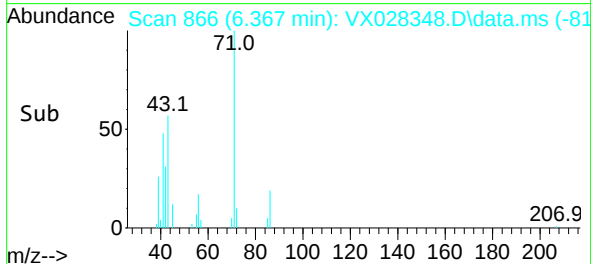
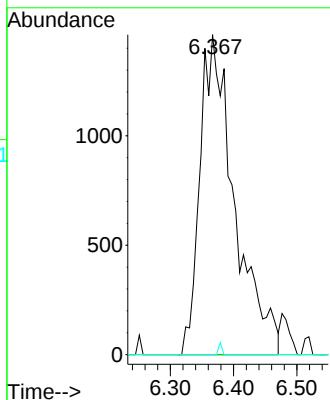
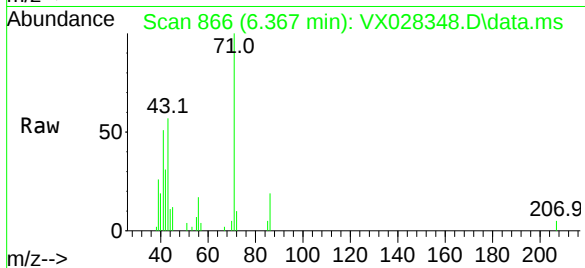




#43
Isopropyl Acetate
Concen: 0.474 ug/l
RT: 6.367 min Scan# 866
Delta R.T. 0.031 min
Lab File: VX028348.D
Acq: 26 Apr 2022 14:40

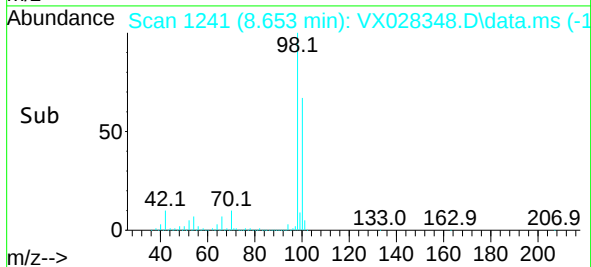
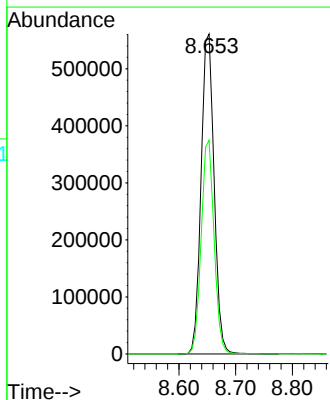
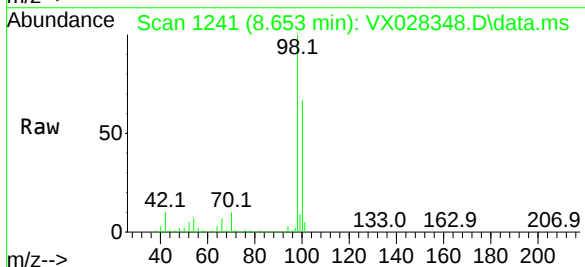
Instrument :
MSVOA_X
ClientSampleId :
PAT-01-041922

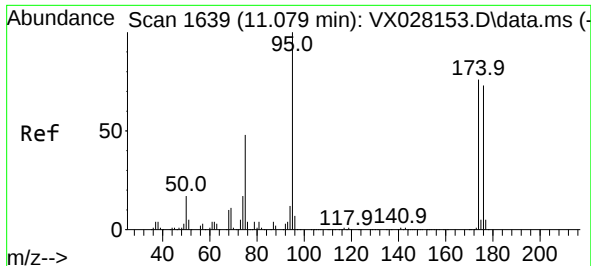
Tgt Ion: 43 Resp: 5551
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 0.4 13.0 19.6#



#50
Toluene-d8
Concen: 42.818 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028348.D
Acq: 26 Apr 2022 14:40

Tgt Ion: 98 Resp: 894912
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8

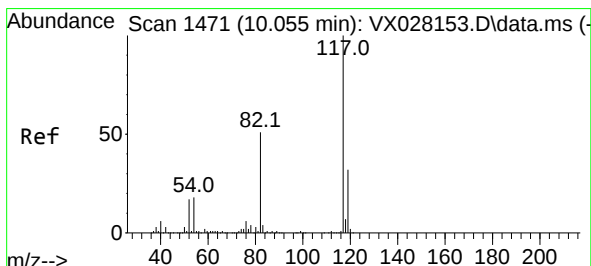
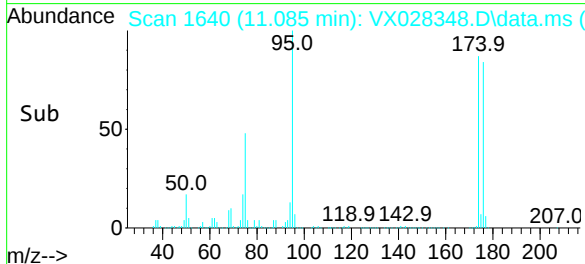
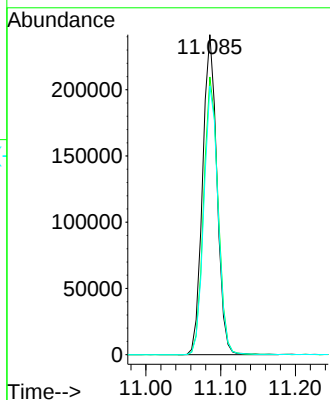
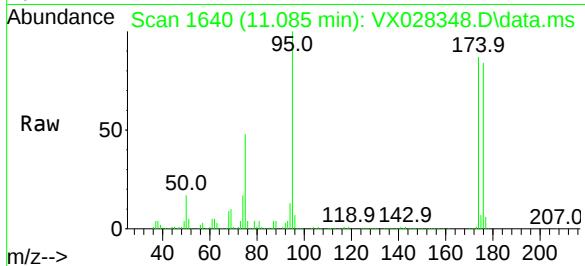




#62
4-Bromofluorobenzene
Concen: 40.242 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028348.D
Acq: 26 Apr 2022 14:40

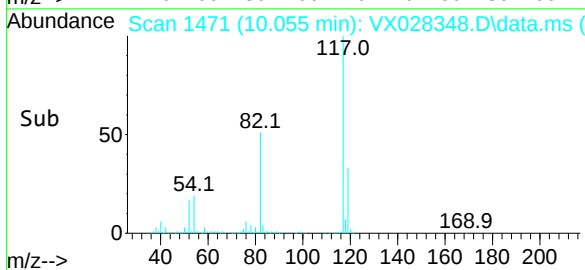
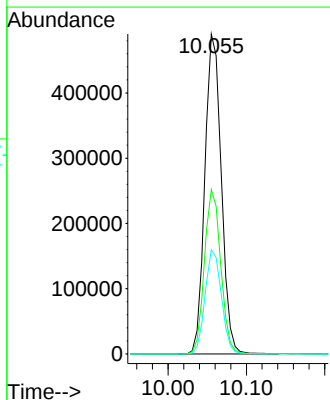
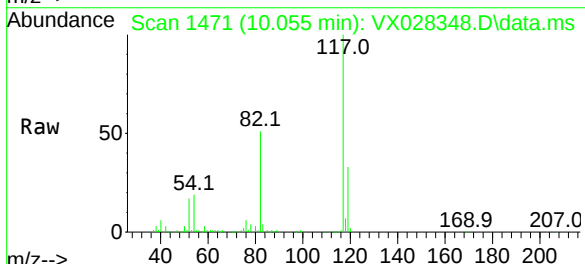
Instrument :
MSVOA_X
ClientSampleId :
PAT-01-041922

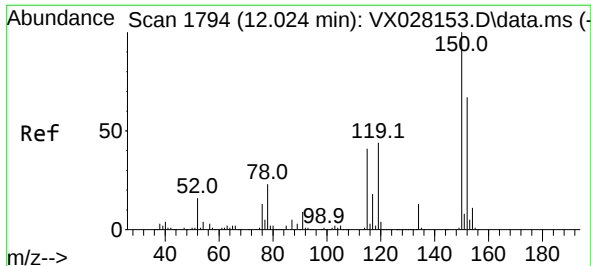
Tgt Ion: 95 Resp: 321595
Ion Ratio Lower Upper
95 100
174 87.3 0.0 163.0
176 83.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028348.D
Acq: 26 Apr 2022 14:40

Tgt Ion: 117 Resp: 713387
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.8
119 32.6 24.8 37.2

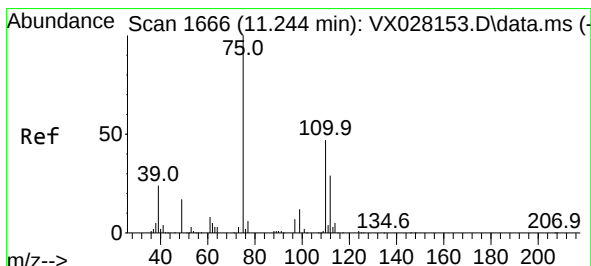
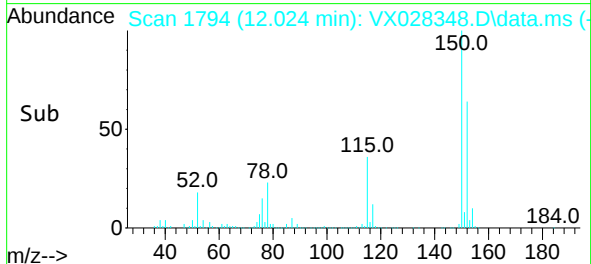
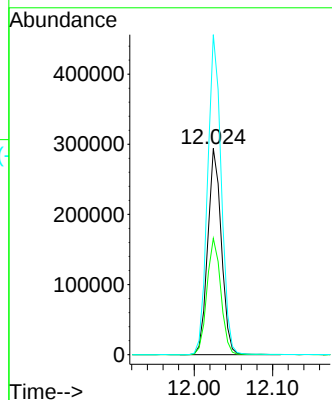
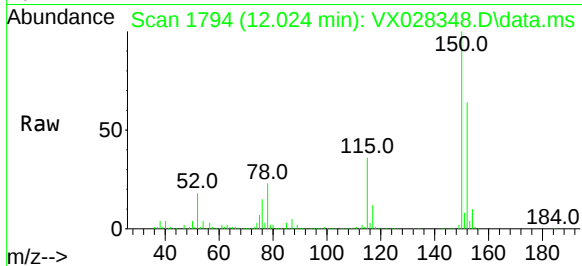




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028348.D
 Acq: 26 Apr 2022 14:40

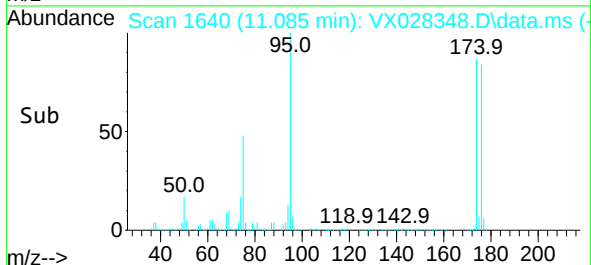
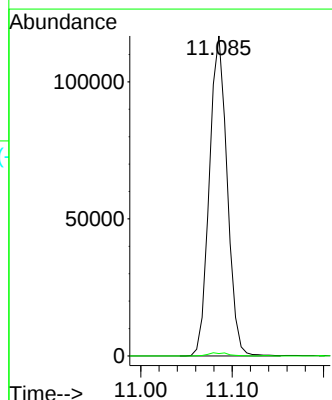
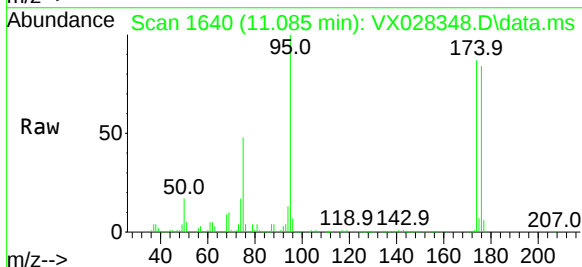
Instrument :
 MSVOA_X
 ClientSampleId :
 PAT-01-041922

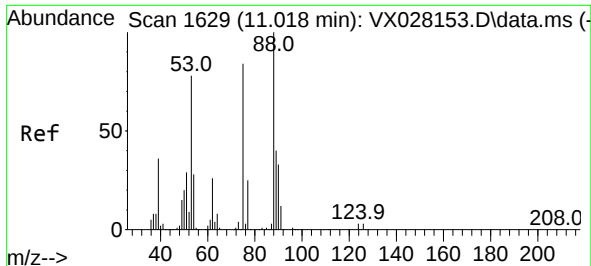
Tgt Ion:152 Resp: 354202
 Ion Ratio Lower Upper
 152 100
 115 57.6 37.5 112.7
 150 155.9 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 22.643 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX028348.D
 Acq: 26 Apr 2022 14:40

Tgt Ion: 75 Resp: 157841
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#

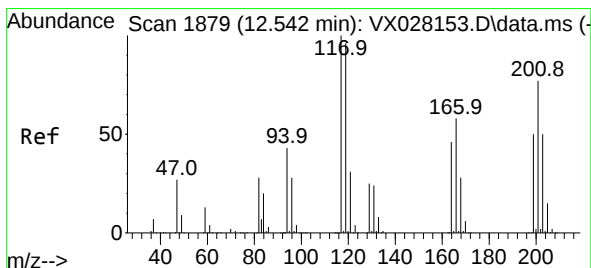
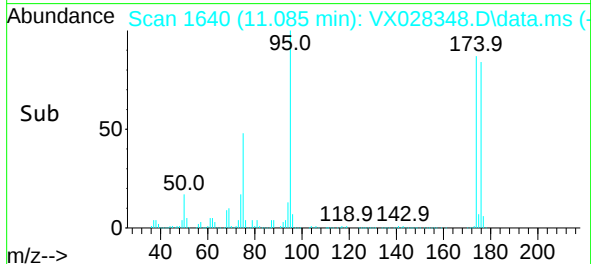
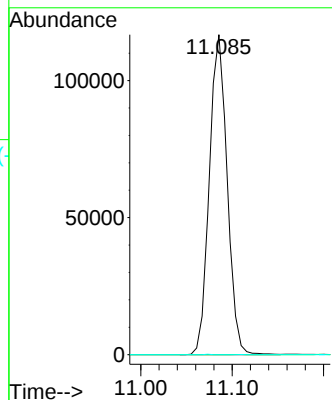
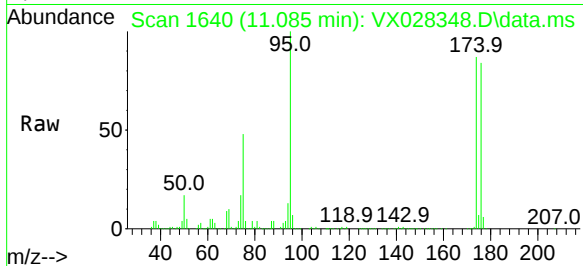




#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.288 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.067 min
 Lab File: VX028348.D
 Acq: 26 Apr 2022 14:40

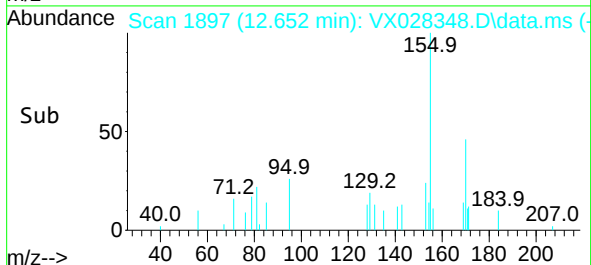
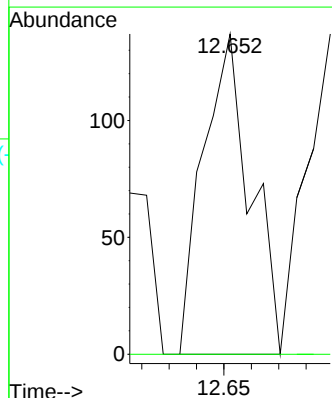
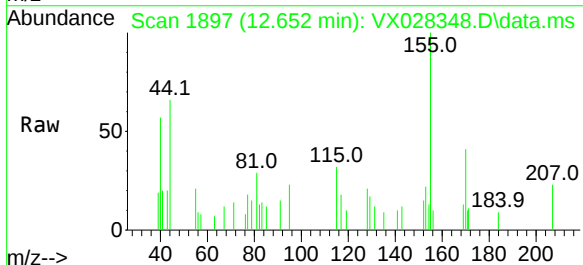
Instrument :
 MSVOA_X
 ClientSampleId :
 PAT-01-041922

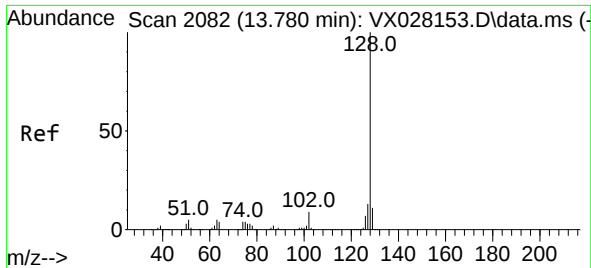
Tgt Ion: 75 Resp: 157841
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#



#90
 Hexachloroethane
 Concen: 1.854 ug/l
 RT: 12.652 min Scan# 1897
 Delta R.T. 0.110 min
 Lab File: VX028348.D
 Acq: 26 Apr 2022 14:40

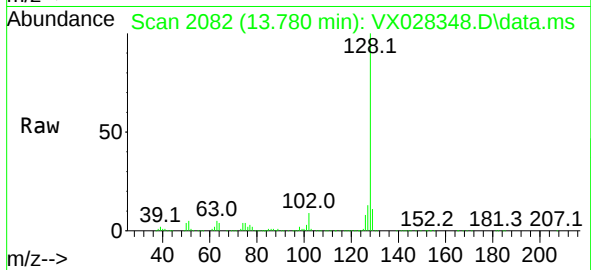
Tgt Ion: 117 Resp: 165
 Ion Ratio Lower Upper
 117 100
 201 0.0 39.5 118.5#





#95
Naphthalene
Concen: 4.895 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX028348.D
Acq: 26 Apr 2022 14:40

Instrument :
MSVOA_X
ClientSampleId :
PAT-01-041922



Tgt Ion:128 Resp: 114794
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 11.1 8.7 13.1

