

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050322\
 Data File : VX028513.D
 Acq On : 03 May 2022 19:45
 Operator : JC/MD
 Sample : N2602-03ME
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 12-15-SB4-BK-PRISON

Quant Time: May 04 06:08:49 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)

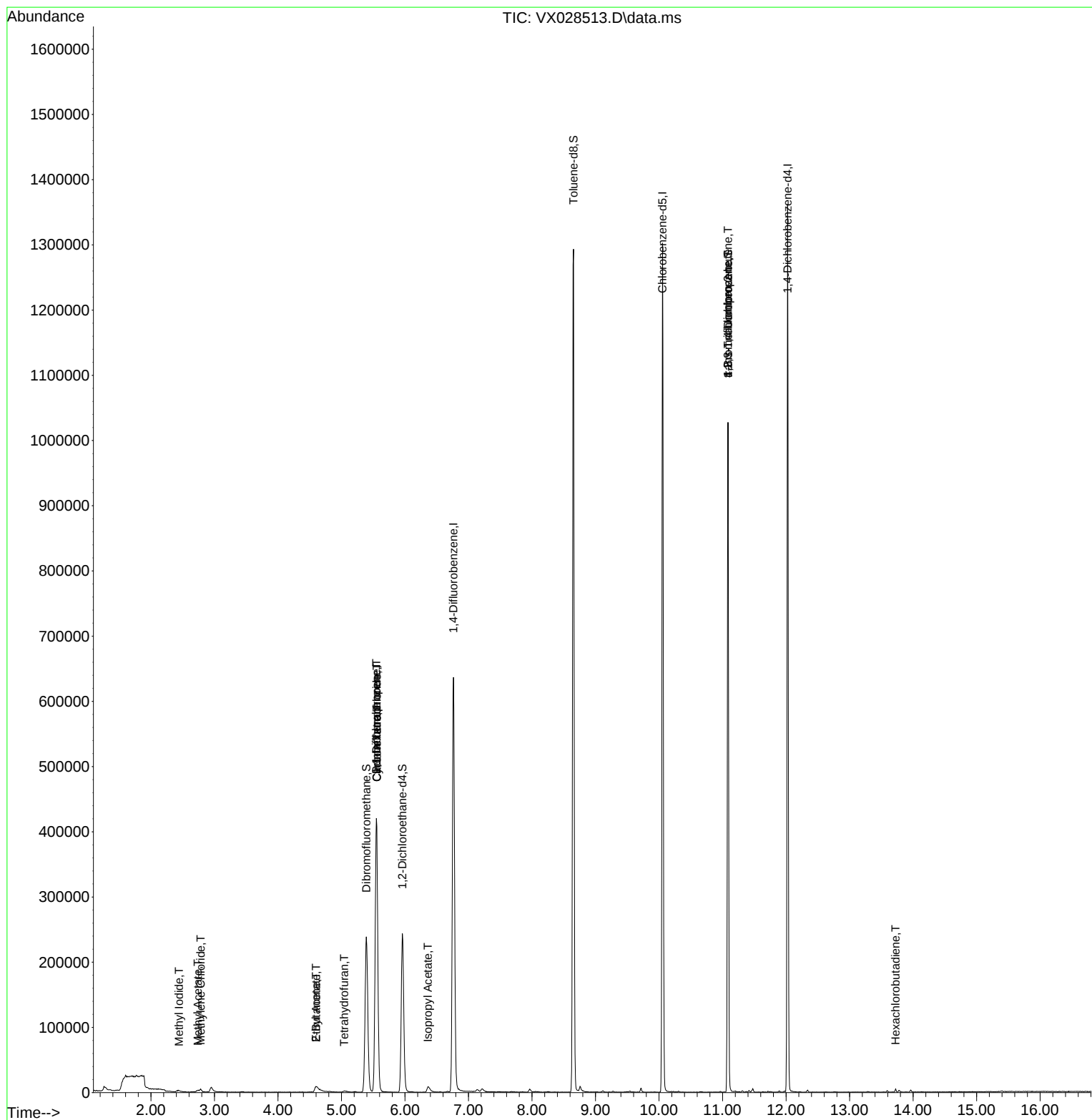
Internal Standards						
1) Pentafluorobenzene	5.550	168	423142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	701606	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	625827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	287923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	237781	43.097	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.200%		
35) Dibromofluoromethane	5.391	113	213536	43.399	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	86.800%		
50) Toluene-d8	8.653	98	804525	42.572	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	85.140%		
62) 4-Bromofluorobenzene	11.085	95	273274	37.819	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	75.640%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	735	Below Cal	#	85
5) Bromomethane	1.599	94	1814	Below Cal		82
6) Chloroethane	1.679	64	94	Below Cal	#	43
8) Diethyl Ether	2.044	74	21	Below Cal	#	1
10) Methyl Iodide	2.441	142	1141	5.452 ug/l	#	93
11) Tert butyl alcohol	2.947	59	5401	Below Cal	#	72
16) Acetone	2.349	43	138	Below Cal	#	39
18) Methyl Acetate	2.739	43	5297	1.080 ug/l		99
20) Methylene Chloride	2.782	84	1835	0.448 ug/l	#	89
25) 2-Butanone	4.599	43	26127	7.996 ug/l		98
29) Tetrahydrofuran	5.044	42	946	0.444 ug/l	#	54
31) Cyclohexane	5.556	56	7616	1.133 ug/l	#	7
36) 1,1-Dichloropropene	5.550	75	29795	4.642 ug/l	#	50
37) Ethyl Acetate	4.599	43	26127	4.012 ug/l	#	66
38) Carbon Tetrachloride	5.556	117	41486	5.726 ug/l	#	16
43) Isopropyl Acetate	6.361	43	5106	0.482 ug/l	#	56
76) 1,2,3-Trichloropropane	11.085	75	134694	23.770 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.085	75	134694	70.639 ug/l	#	15
94) Hexachlorobutadiene	13.725	225	709	0.278 ug/l		94

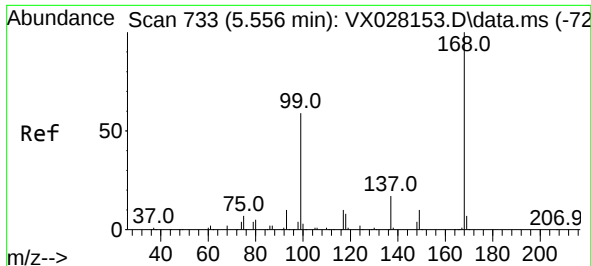
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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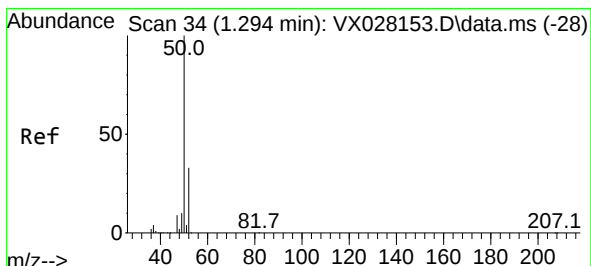
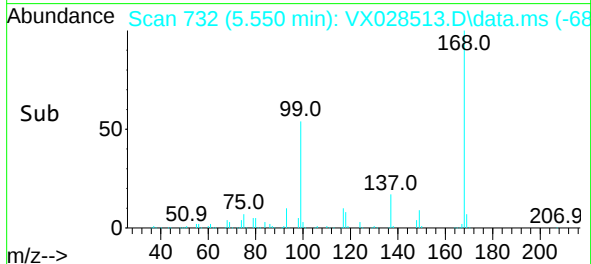
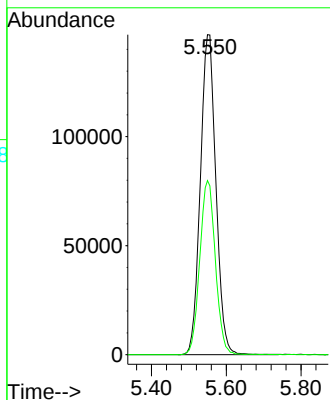
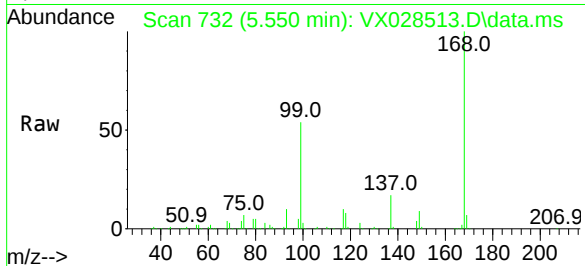




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028513.D
Acq: 03 May 2022 19:45

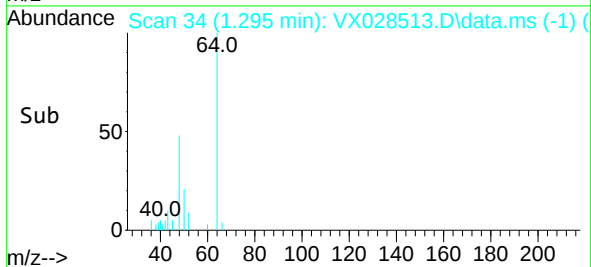
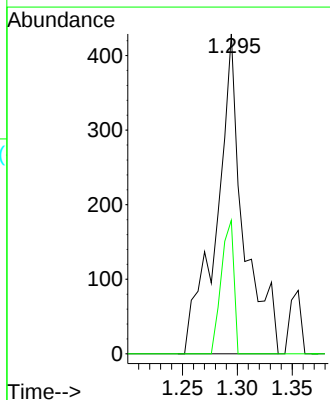
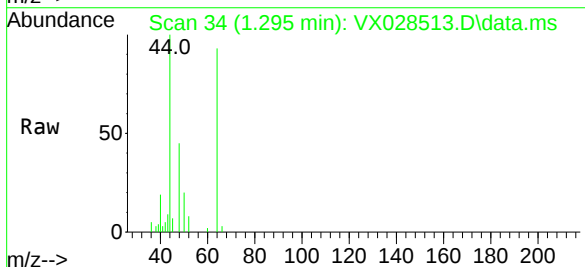
Instrument :
MSVOA_X
ClientSampleId :
12-15-SB4-BK-PRISON

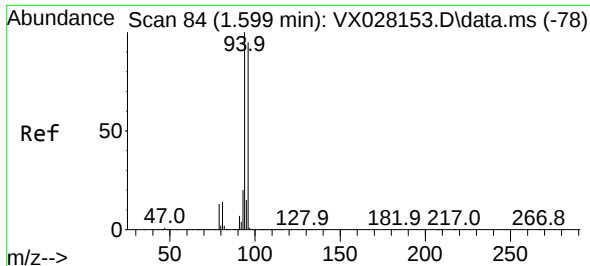
Tgt Ion:168 Resp: 423142
Ion Ratio Lower Upper
168 100
99 54.4 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX028513.D
Acq: 03 May 2022 19:45

Tgt Ion: 50 Resp: 735
Ion Ratio Lower Upper
50 100
52 41.7 26.4 39.6#

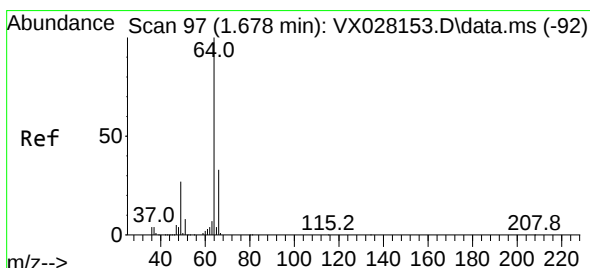
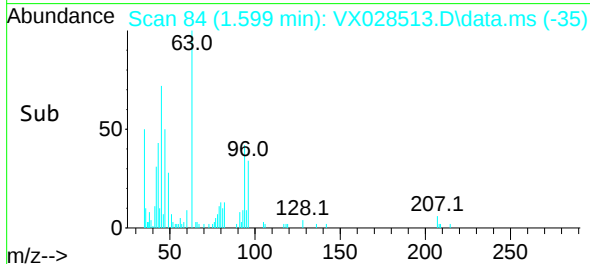
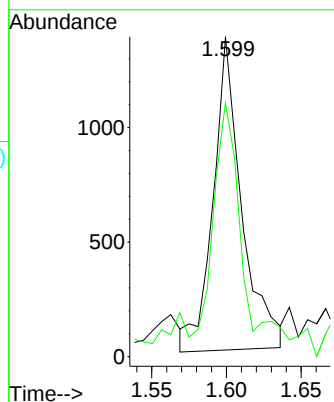
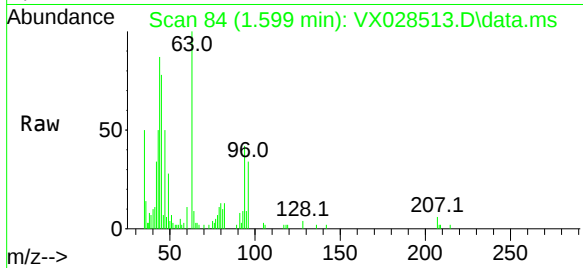




#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028513.D
Acq: 03 May 2022 19:45

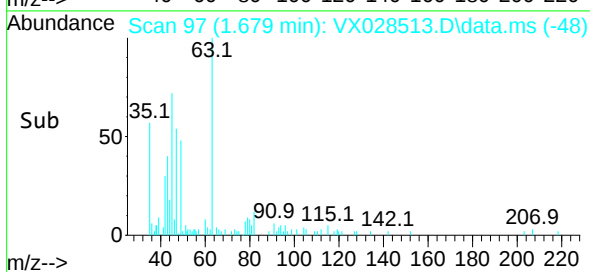
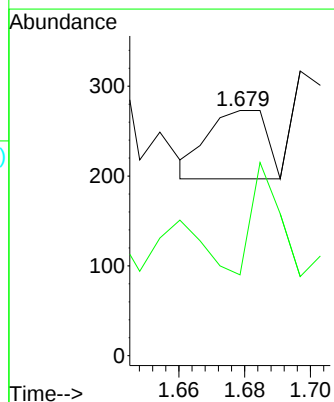
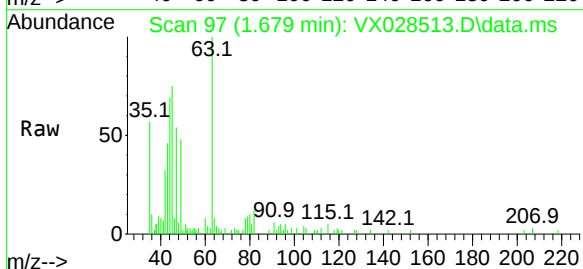
Instrument :
MSVOA_X
ClientSampleId :
12-15-SB4-BK-PRISON

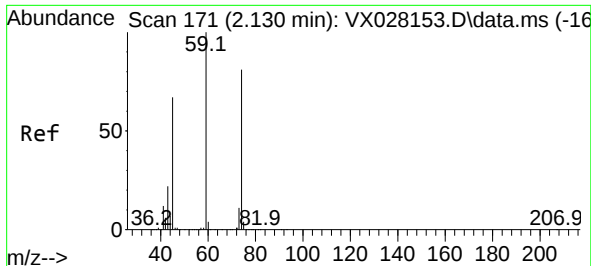
Tgt Ion: 94 Resp: 1814
Ion Ratio Lower Upper
94 100
96 77.0 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX028513.D
Acq: 03 May 2022 19:45

Tgt Ion: 64 Resp: 94
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9

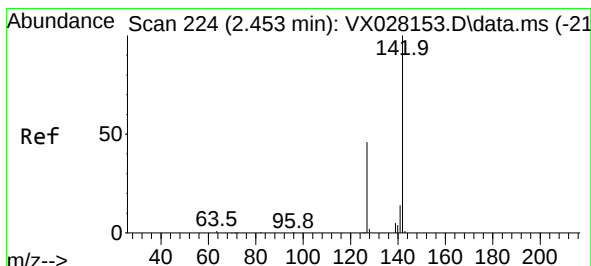
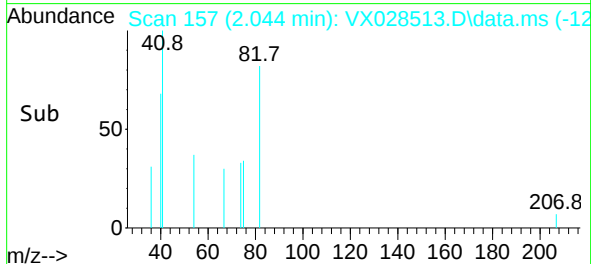
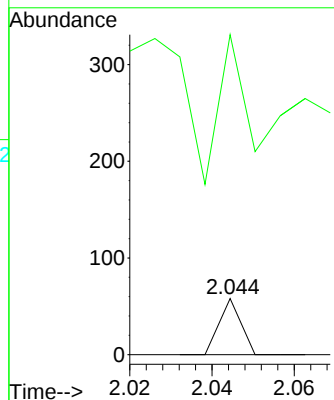
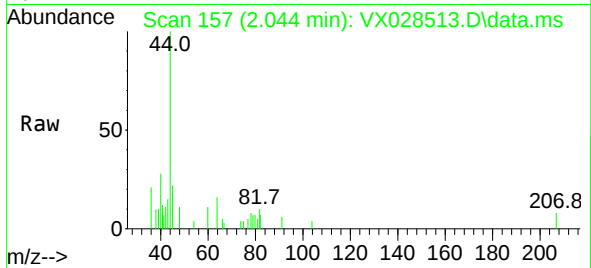




#8
Diethyl Ether
Concen: Below Cal
RT: 2.044 min Scan# 11
Delta R.T. -0.086 min
Lab File: VX028513.D
Acq: 03 May 2022 19:45

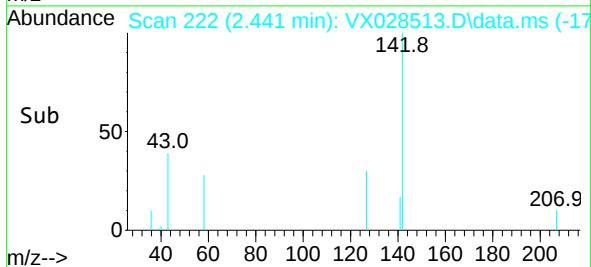
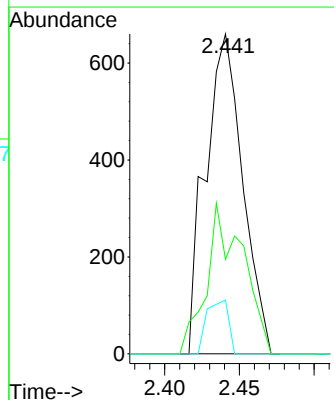
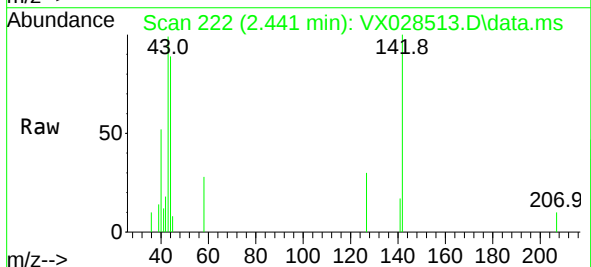
Instrument :
MSVOA_X
ClientSampleId :
12-15-SB4-BK-PRISON

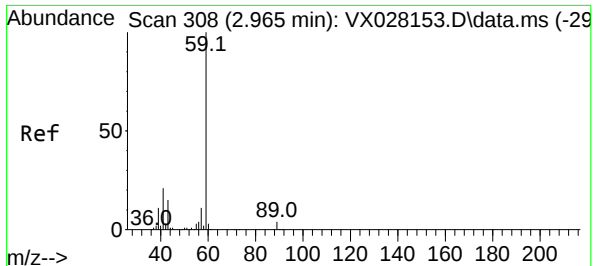
Tgt Ion: 74 Resp: 21
Ion Ratio Lower Upper
74 100
45 971.4 42.0 126.0#



#10
Methyl Iodide
Concen: 5.452 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.012 min
Lab File: VX028513.D
Acq: 03 May 2022 19:45

Tgt Ion:142 Resp: 1141
Ion Ratio Lower Upper
142 100
127 46.2 33.9 50.9
141 9.8 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX028513.D

Acq: 03 May 2022 19:45

Instrument :

MSVOA_X

ClientSampleId :

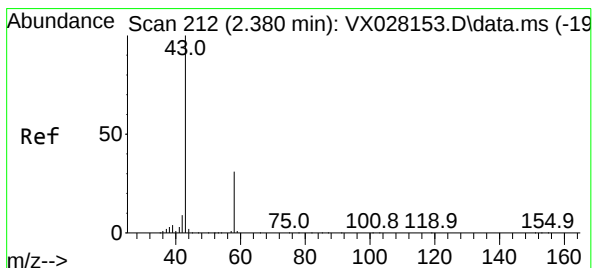
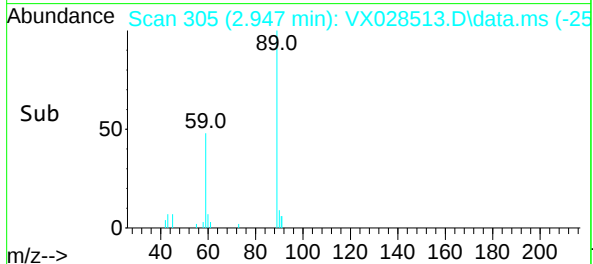
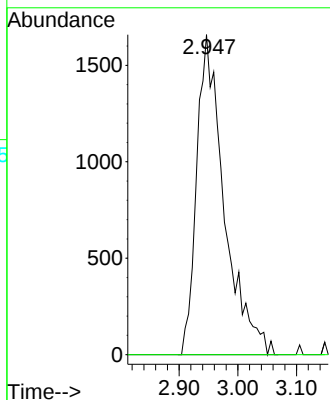
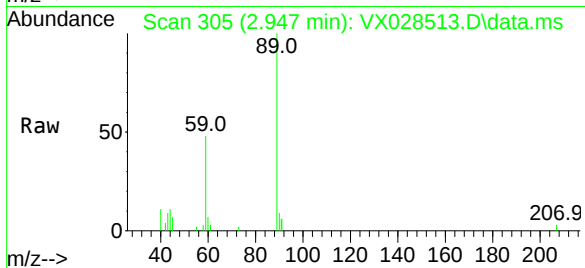
12-15-SB4-BK-PRISON

Tgt Ion: 59 Resp: 5401

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: Below Cal

RT: 2.349 min Scan# 207

Delta R.T. -0.031 min

Lab File: VX028513.D

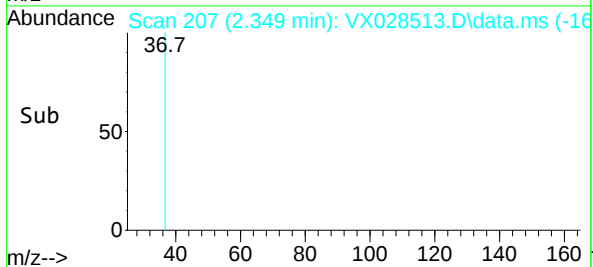
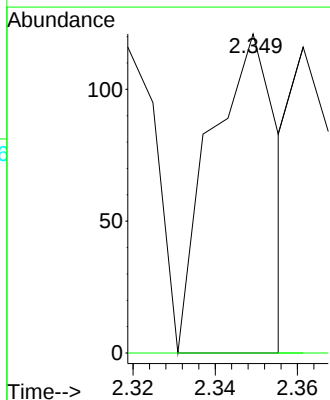
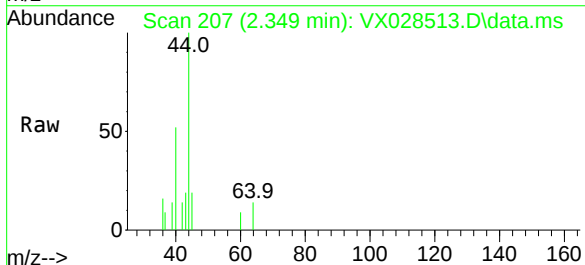
Acq: 03 May 2022 19:45

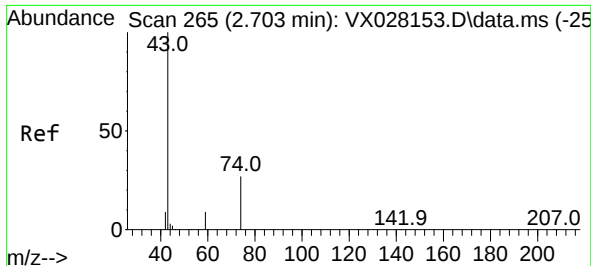
Tgt Ion: 43 Resp: 138

Ion Ratio Lower Upper

43 100

58 0.0 28.8 43.2#

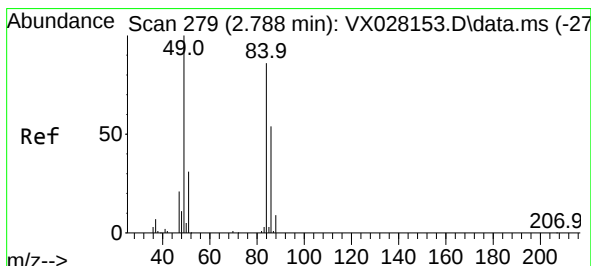
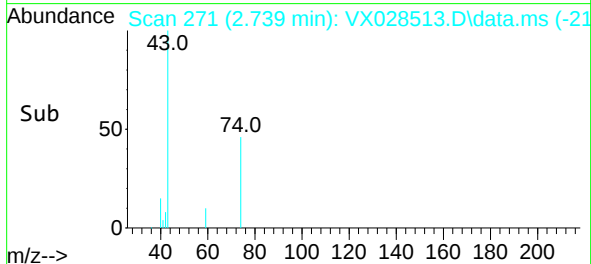
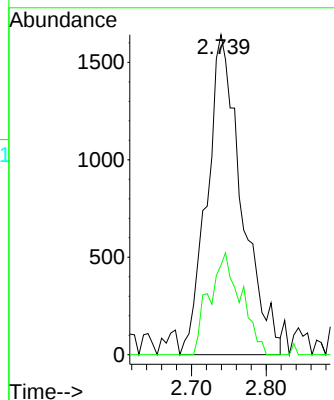
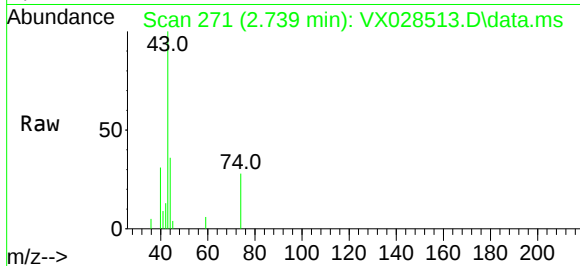




#18
Methyl Acetate
Concen: 1.080 ug/l
RT: 2.739 min Scan# 21
Delta R.T. 0.036 min
Lab File: VX028513.D
Acq: 03 May 2022 19:45

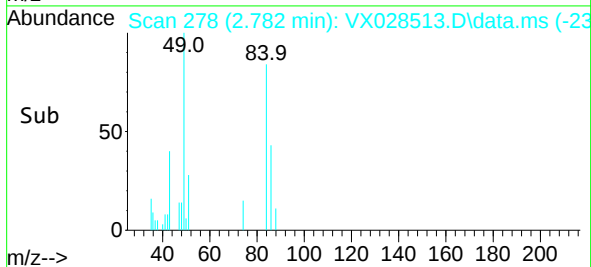
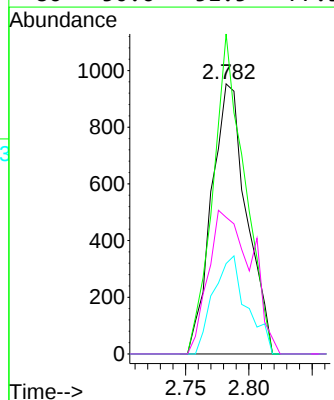
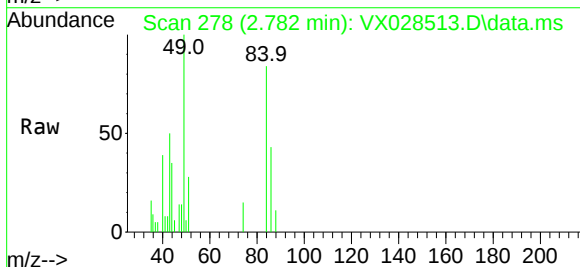
Instrument :
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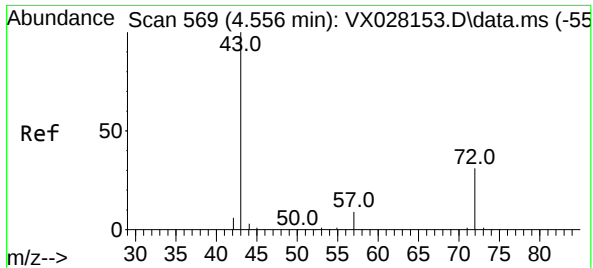
Tgt Ion: 43 Resp: 5297
Ion Ratio Lower Upper
43 100
74 29.1 22.8 34.2



#20
Methylene Chloride
Concen: 0.448 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX028513.D
Acq: 03 May 2022 19:45

Tgt Ion: 84 Resp: 1835
Ion Ratio Lower Upper
84 100
49 118.5 85.5 128.3
51 33.5 26.6 39.8
86 50.6 51.5 77.3#

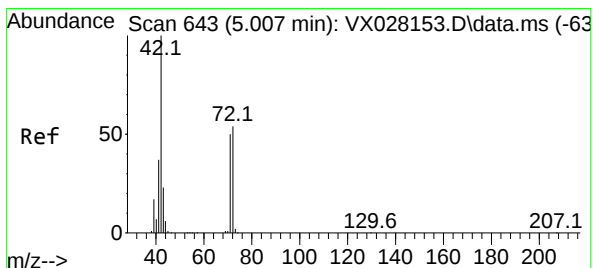
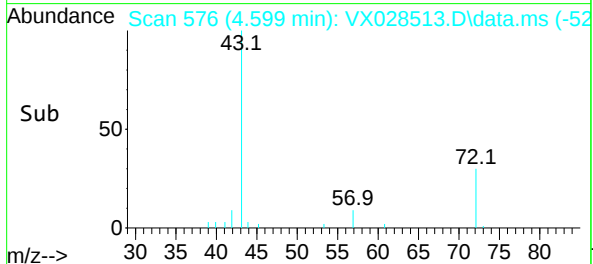
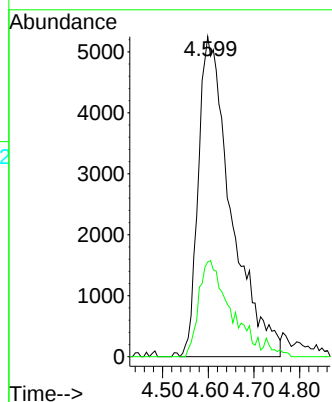
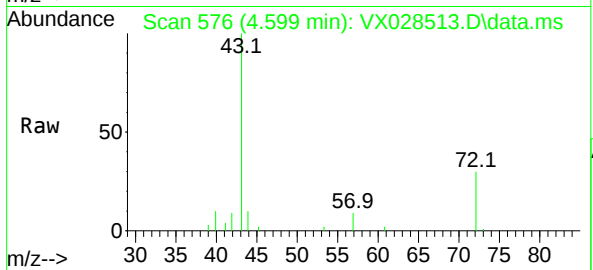




#25
2-Butanone
Concen: 7.996 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX028513.D
Acq: 03 May 2022 19:45

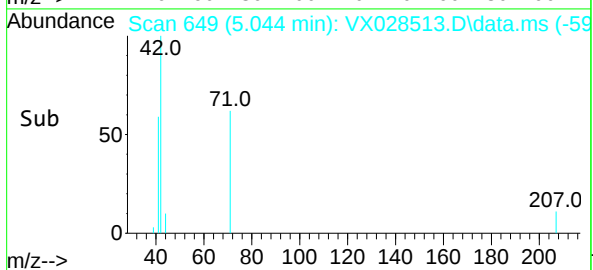
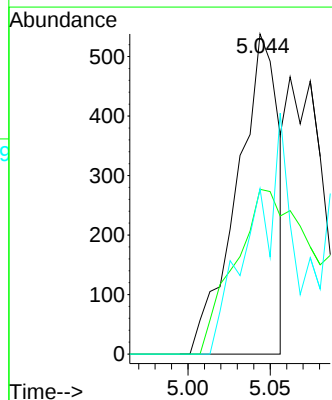
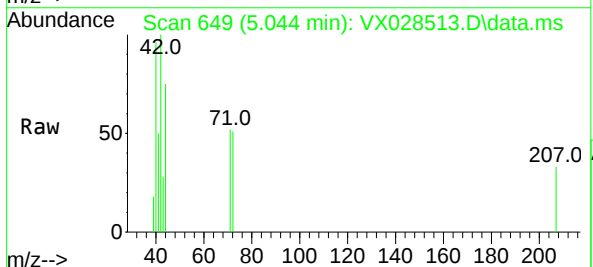
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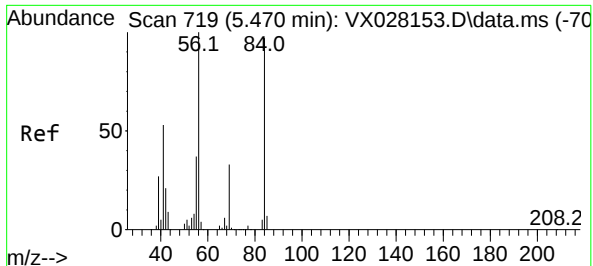
Tgt Ion: 43 Resp: 26127
Ion Ratio Lower Upper
43 100
72 29.6 24.4 36.6



#29
Tetrahydrofuran
Concen: 0.444 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.037 min
Lab File: VX028513.D
Acq: 03 May 2022 19:45

Tgt Ion: 42 Resp: 946
Ion Ratio Lower Upper
42 100
72 102.7 44.1 66.1#
71 66.8 40.5 60.7#

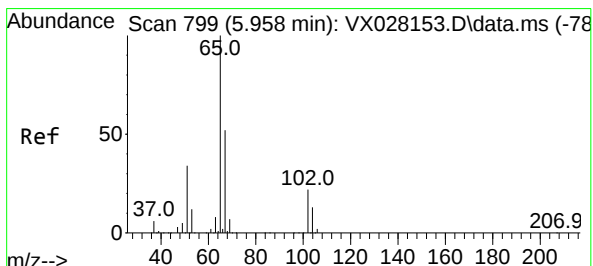
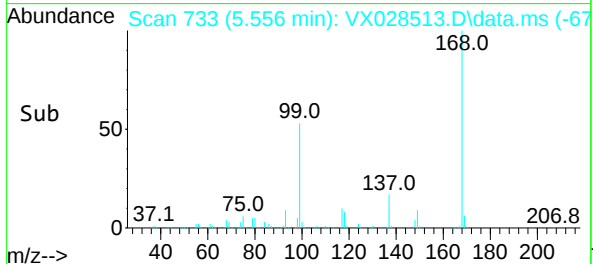
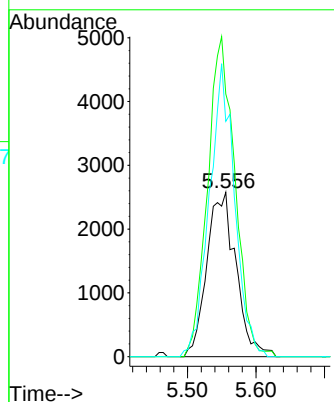
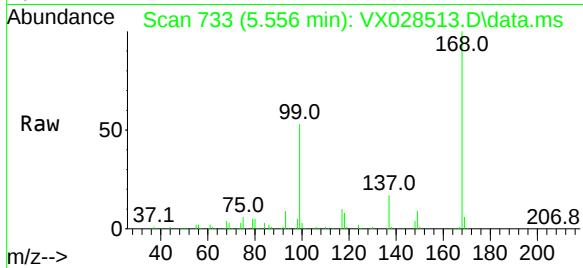




#31
Cyclohexane
Concen: 1.133 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX028513.D
Acq: 03 May 2022 19:45

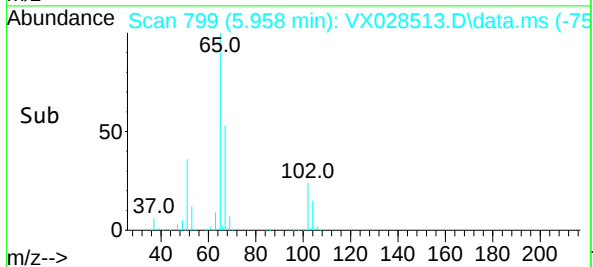
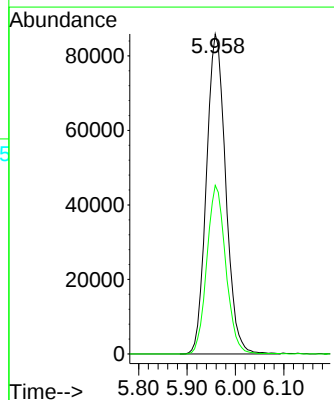
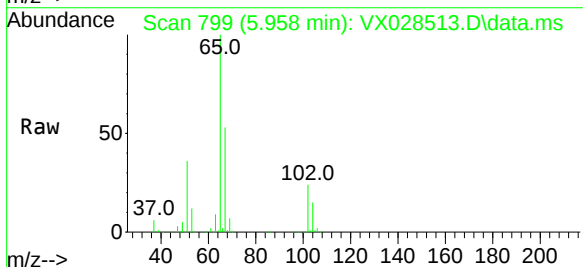
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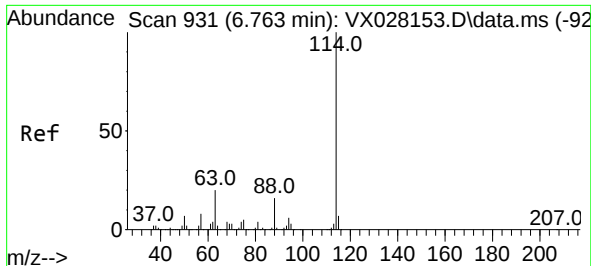
Tgt Ion: 56 Resp: 7616
Ion Ratio Lower Upper
56 100
69 160.0 26.7 40.1#
84 143.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 43.097 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028513.D
Acq: 03 May 2022 19:45

Tgt Ion: 65 Resp: 237781
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.4

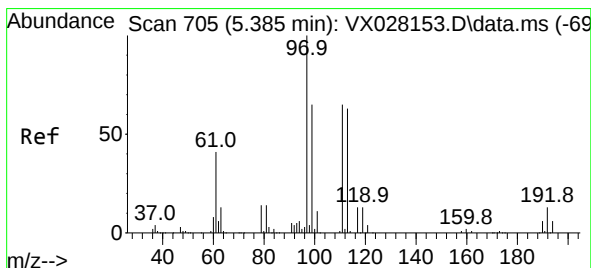
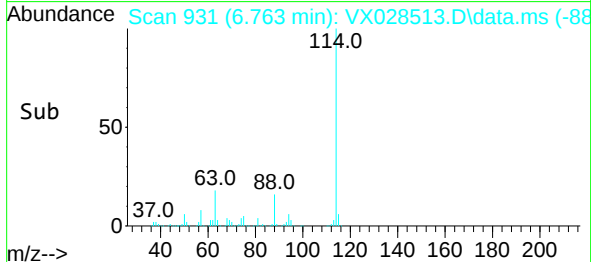
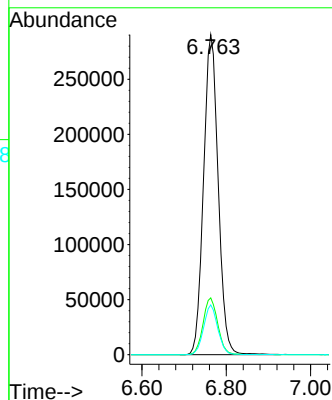
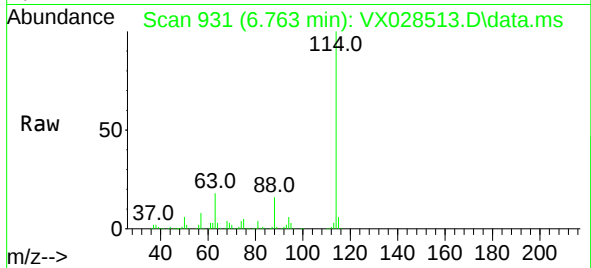




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028513.D
Acq: 03 May 2022 19:45

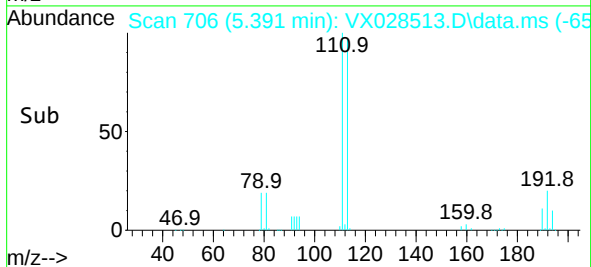
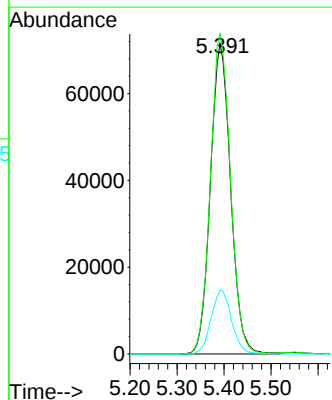
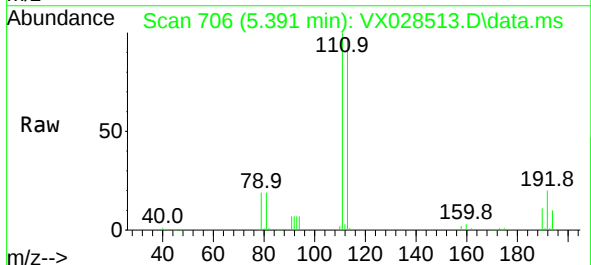
Instrument :
MSVOA_X
ClientSampleId :
12-15-SB4-BK-PRISON

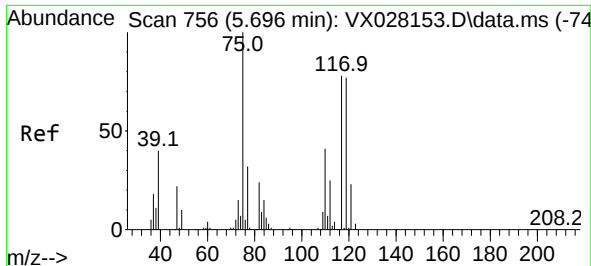
Tgt Ion:114 Resp: 701606
Ion Ratio Lower Upper
114 100
63 17.7 0.0 36.8
88 15.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 43.399 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028513.D
Acq: 03 May 2022 19:45

Tgt Ion:113 Resp: 213536
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 20.7 16.9 25.3

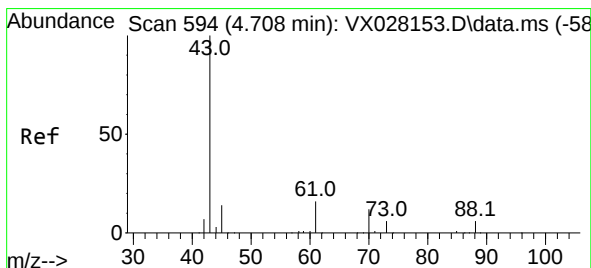
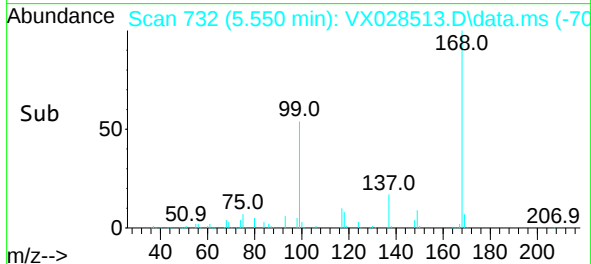
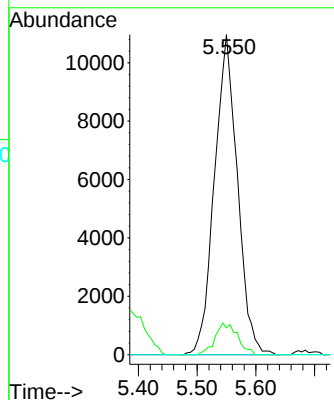
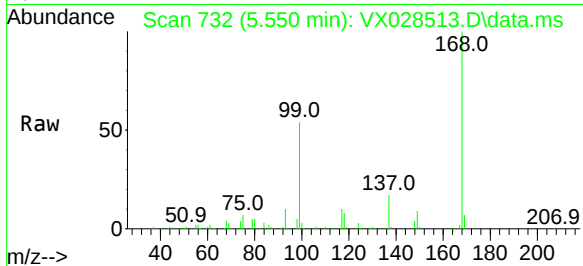




#36
1,1-Dichloropropene
Concen: 4.642 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX028513.D
Acq: 03 May 2022 19:45

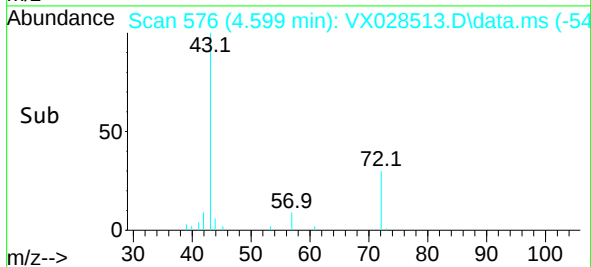
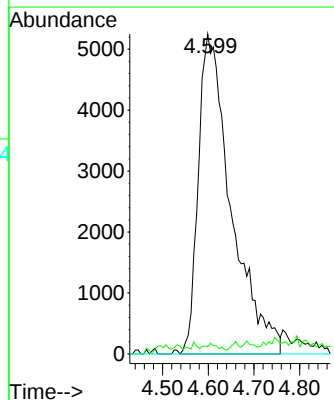
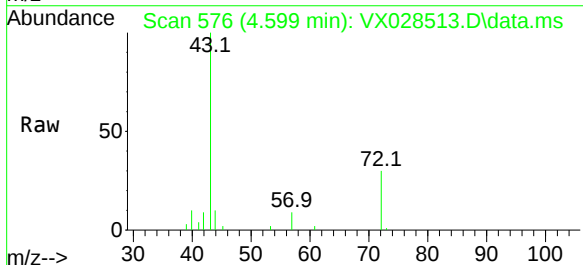
Instrument :
MSVOA_X
ClientSampleId :
12-15-SB4-BK-PRISON

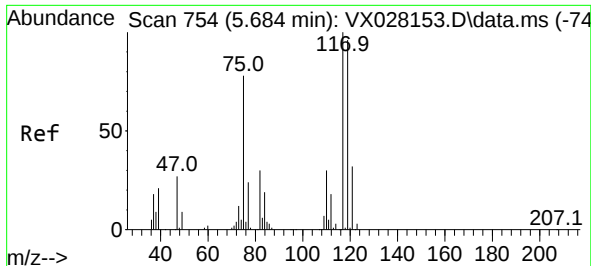
Tgt Ion: 75 Resp: 29795
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 4.012 ug/l
RT: 4.599 min Scan# 576
Delta R.T. -0.109 min
Lab File: VX028513.D
Acq: 03 May 2022 19:45

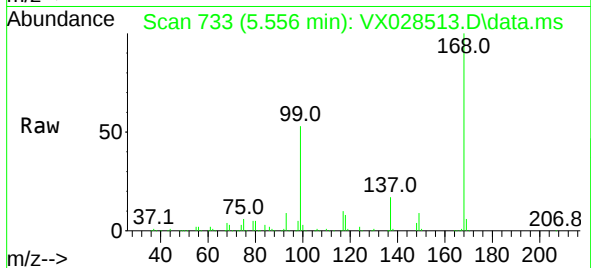
Tgt Ion: 43 Resp: 26127
Ion Ratio Lower Upper
43 100
61 0.8 12.6 19.0#
70 0.0 10.2 15.2#



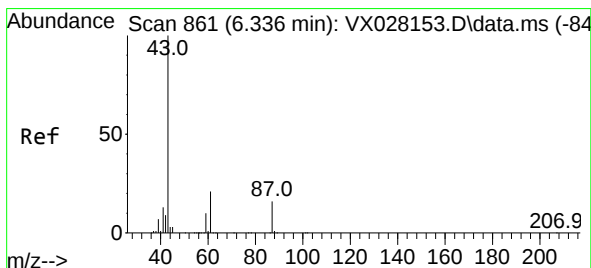
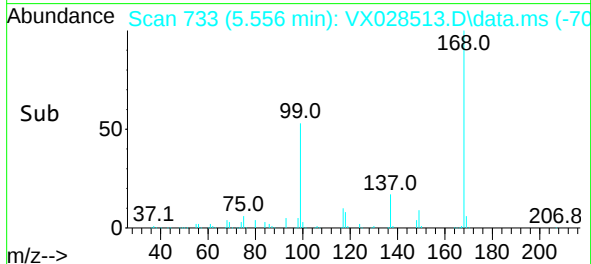
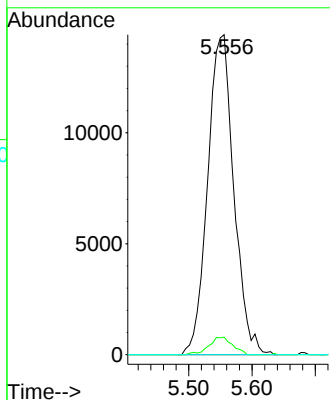


#38
Carbon Tetrachloride
Concen: 5.726 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX028513.D
Acq: 03 May 2022 19:45

Instrument :
MSVOA_X
ClientSampleId :
12-15-SB4-BK-PRISON

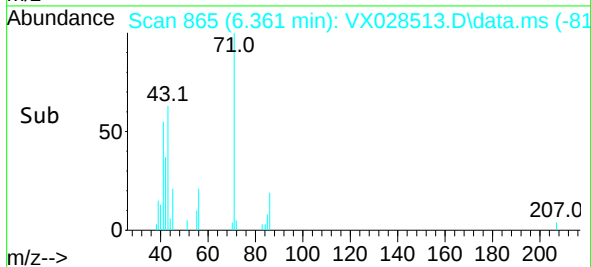
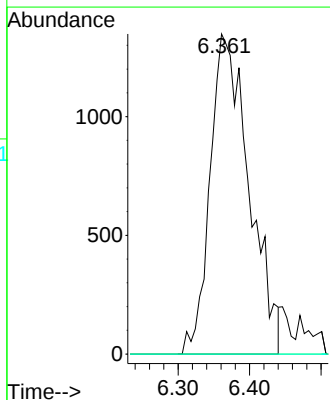
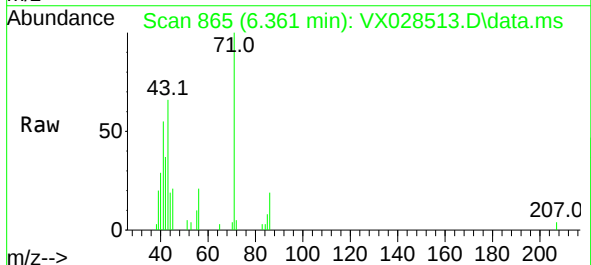


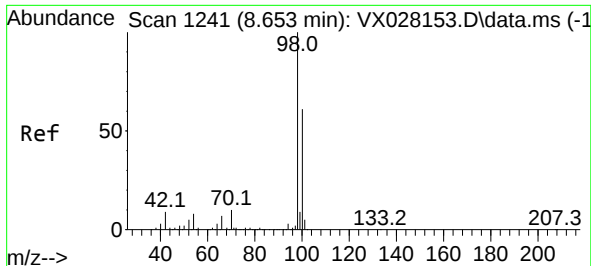
Tgt Ion: 117 Resp: 41486
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.482 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.025 min
Lab File: VX028513.D
Acq: 03 May 2022 19:45

Tgt Ion: 43 Resp: 5106
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 0.0 13.0 19.6#

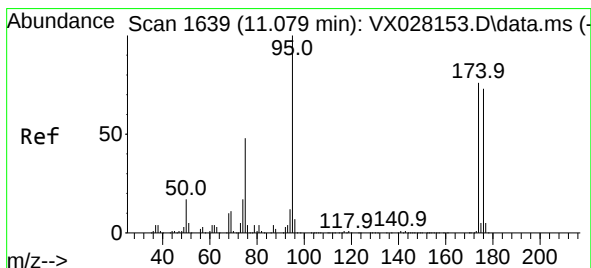
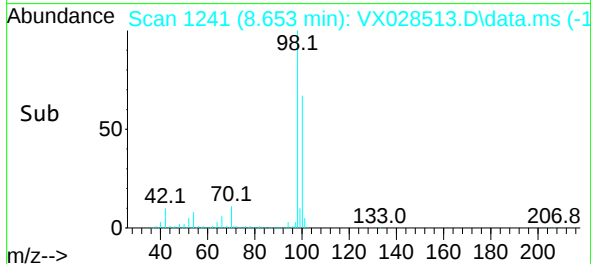
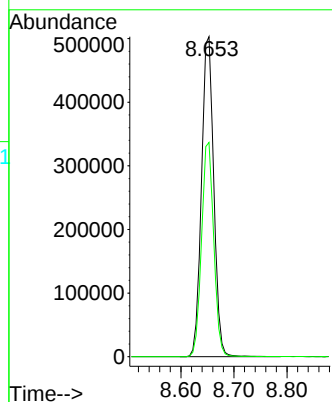
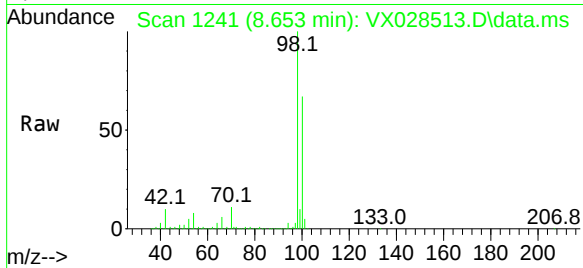




#50
Toluene-d8
Concen: 42.572 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028153.D
Acq: 03 May 2022 19:45

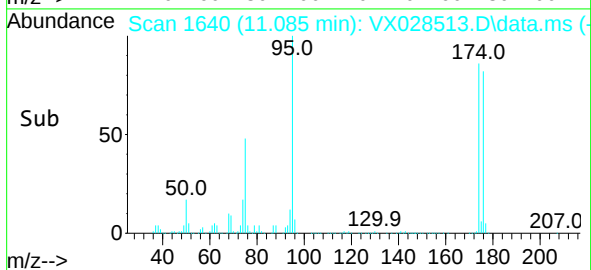
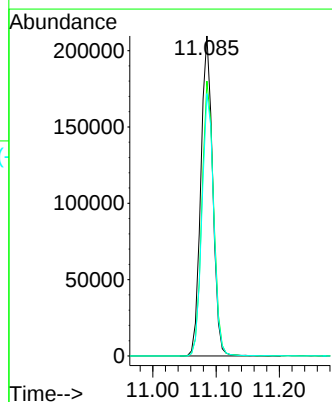
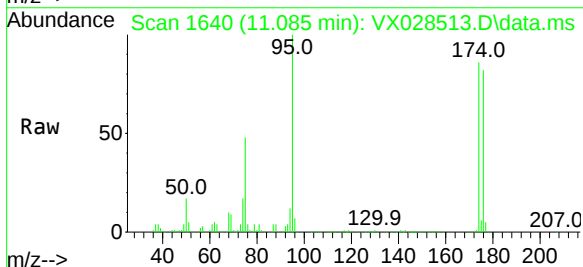
Instrument :
MSVOA_X
ClientSampleId :
12-15-SB4-BK-PRISON

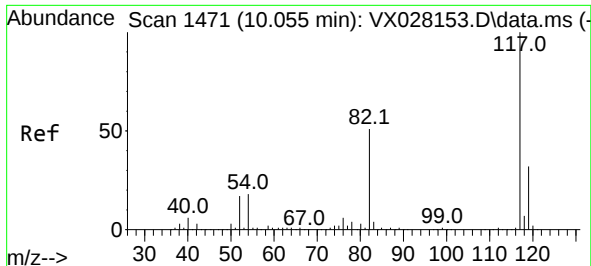
Tgt Ion: 98 Resp: 804525
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 37.819 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028153.D
Acq: 03 May 2022 19:45

Tgt Ion: 95 Resp: 273274
Ion Ratio Lower Upper
95 100
174 85.2 0.0 163.0
176 81.8 0.0 155.0

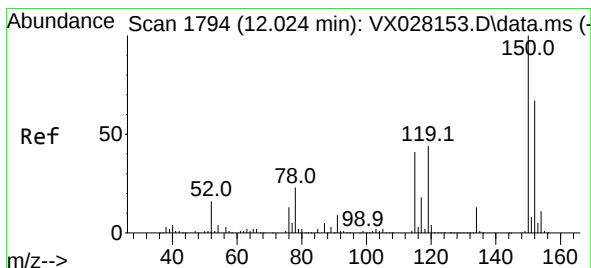
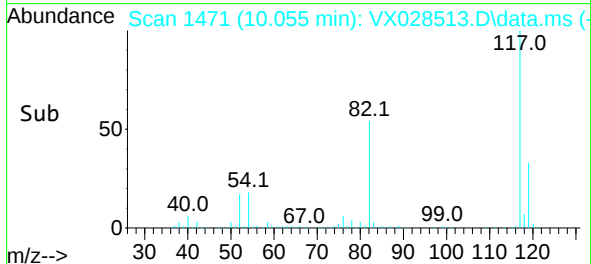
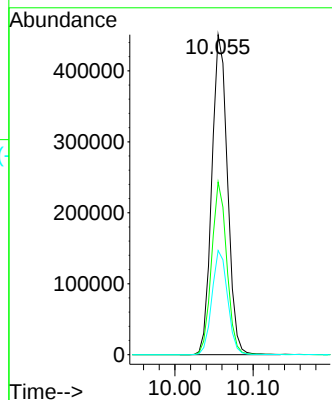
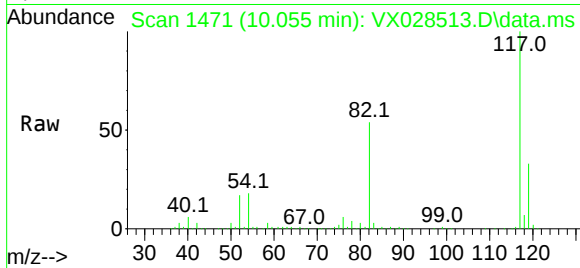




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028513.D
Acq: 03 May 2022 19:45

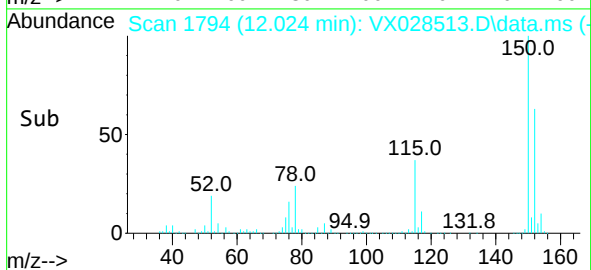
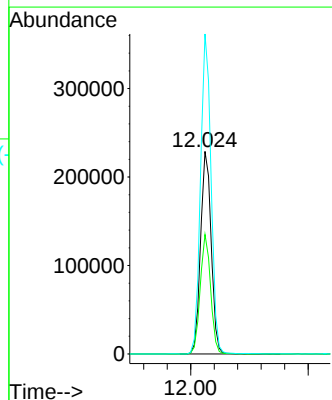
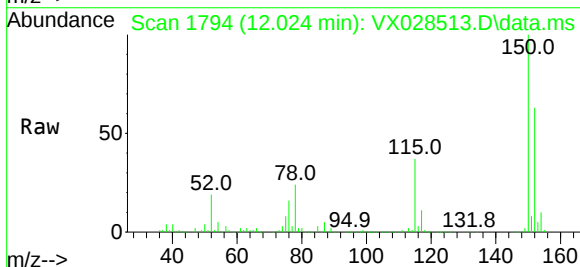
Instrument :
MSVOA_X
ClientSampleId :
12-15-SB4-BK-PRISON

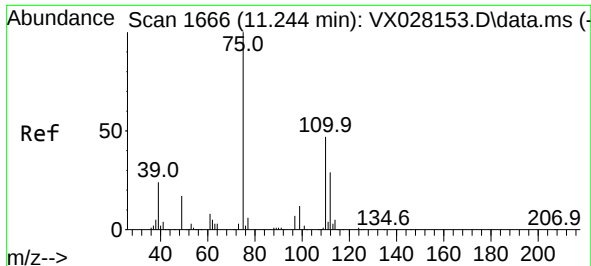
Tgt Ion:117 Resp: 625827
Ion Ratio Lower Upper
117 100
82 54.0 41.8 62.8
119 32.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028513.D
Acq: 03 May 2022 19:45

Tgt Ion:152 Resp: 287923
Ion Ratio Lower Upper
152 100
115 57.7 37.5 112.7
150 156.0 0.0 338.2

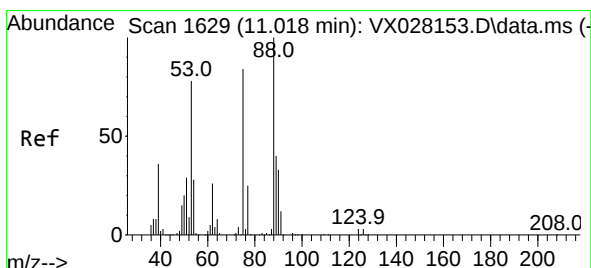
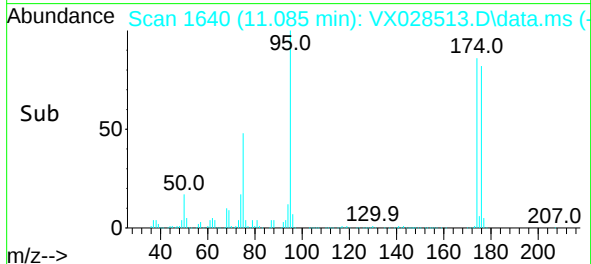
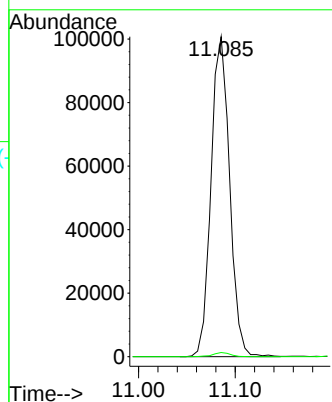
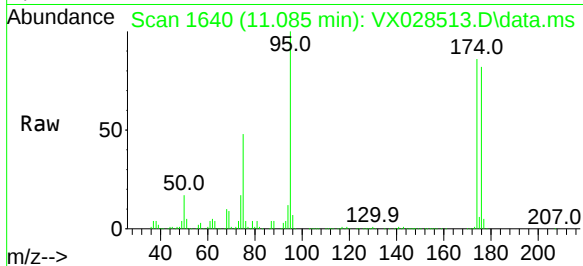




#76
1,2,3-Trichloropropane
Concen: 23.770 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX028513.D
Acq: 03 May 2022 19:45

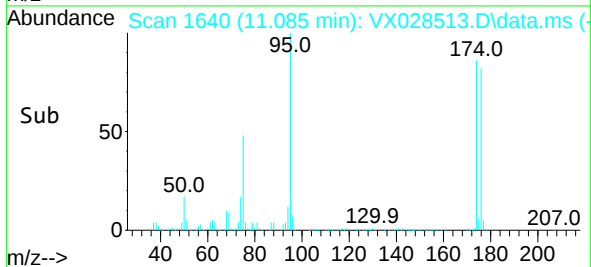
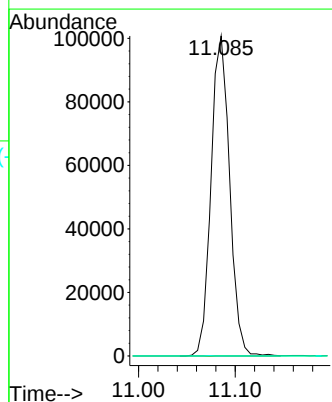
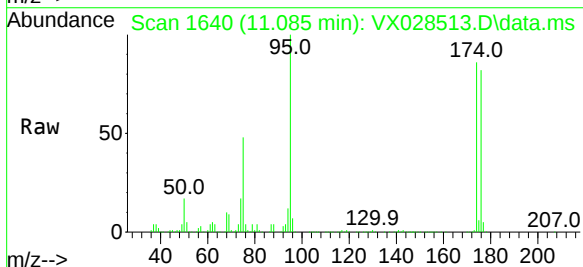
Instrument :
MSVOA_X
ClientSampleId :
12-15-SB4-BK-PRISON

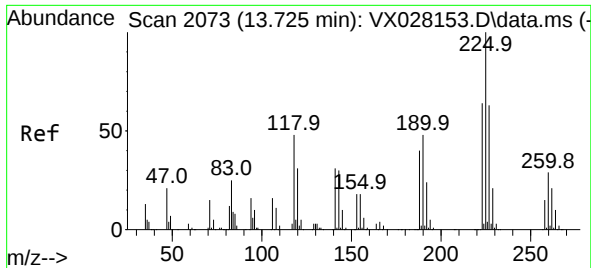
Tgt Ion: 75 Resp: 134694
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.639 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX028513.D
Acq: 03 May 2022 19:45

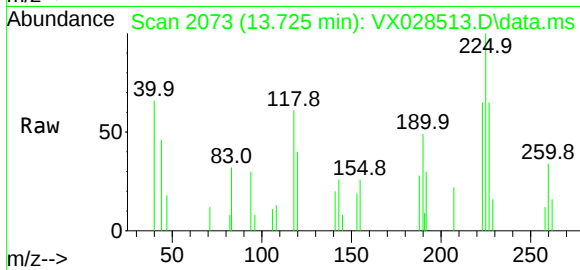
Tgt Ion: 75 Resp: 134694
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94
 Hexachlorobutadiene
 Concen: 0.278 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX028513.D
 Acq: 03 May 2022 19:45

Instrument :
 MSVOA_X
 ClientSampleId :
 12-15-SB4-BK-PRISON



Tgt Ion:	225	Resp:	709
Ion	Ratio	Lower	Upper
225	100		
223	70.0	34.2	102.5
227	76.2	33.9	101.7

