

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092022\
 Data File : VX031491.D
 Acq On : 20 Sep 2022 13:09
 Operator : JC/MD
 Sample : N4597-05
 Misc : 5.09G/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-03-4.5-5.0

Quant Time: Sep 20 14:47:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

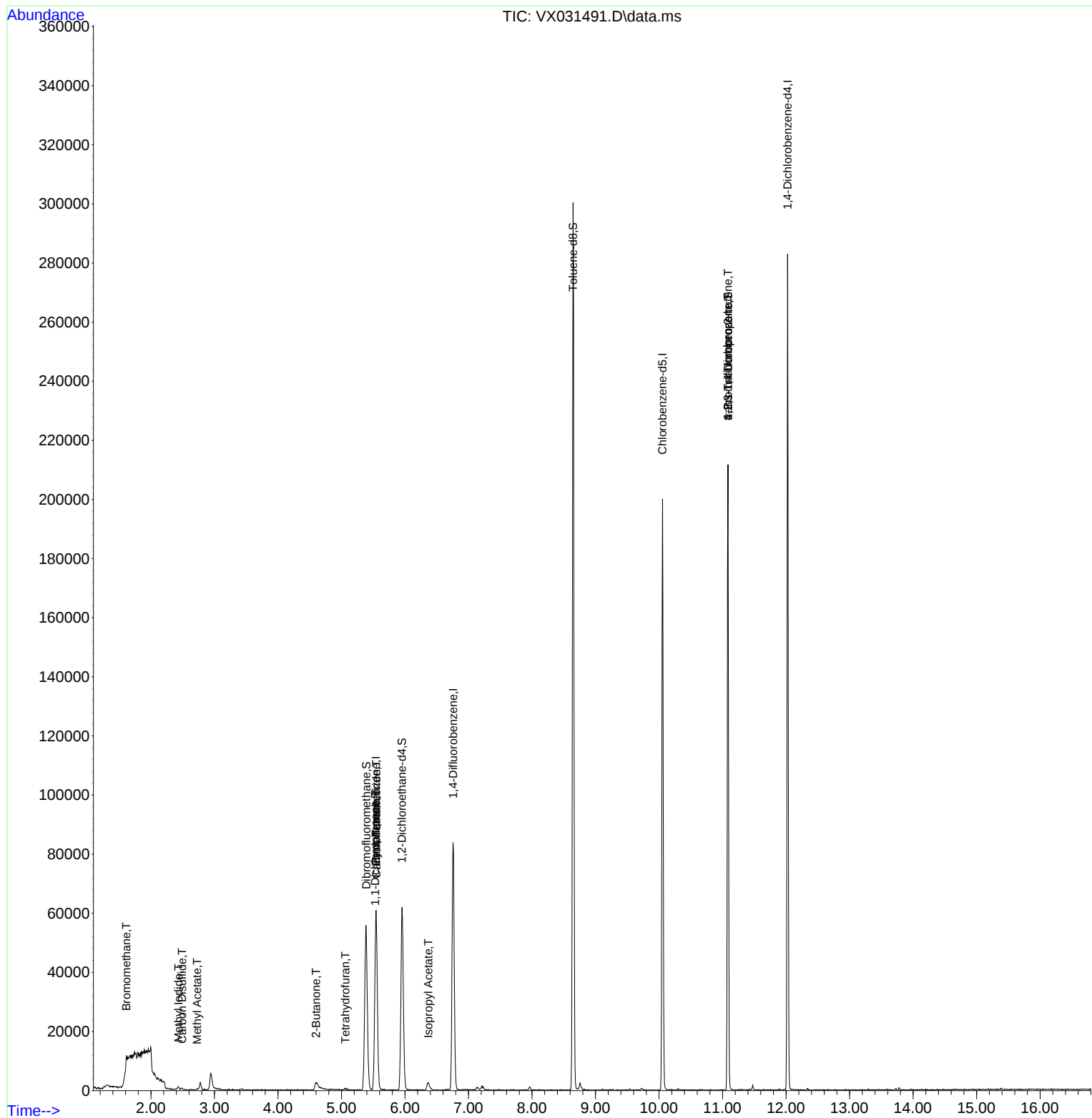
Internal Standards						
1) Pentafluorobenzene	5.543	168	57080	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	87001	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	87179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	55349	52.837	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.680%			
35) Dibromofluoromethane	5.391	113	45583	50.700	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.400%			
50) Toluene-d8	8.646	98	172205	49.681	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.360%			
62) 4-Bromofluorobenzene	11.085	95	50265	42.811	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 85.620%			
Target Compounds						Qvalue
5) Bromomethane	1.611	94	1236	0.699	ug/l	97
6) Chloroethane	1.696	64	76	Below Cal	#	59
10) Methyl Iodide	2.434	142	741	0.833	ug/l #	94
11) Tert butyl alcohol	2.940	59	3793	Below Cal	#	73
13) Acrolein	2.166	56	50	Below Cal	#	63
16) Acetone	2.373	43	38	Below Cal	#	45
17) Carbon Disulfide	2.489	76	649	0.271	ug/l #	75
18) Methyl Acetate	2.727	43	346	0.221	ug/l #	52
20) Methylene Chloride	2.776	84	1038	Below Cal	#	88
25) 2-Butanone	4.598	43	2798	3.462	ug/l	91
29) Tetrahydrofuran	5.062	42	389	0.738	ug/l #	63
31) Cyclohexane	5.543	56	1436	0.925	ug/l #	54
36) 1,1-Dichloropropene	5.531	75	4663	3.372	ug/l #	52
38) Carbon Tetrachloride	5.549	117	5859	3.822	ug/l #	17
43) Isopropyl Acetate	6.366	43	1371	0.541	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	11.091	83	25	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.085	75	28998	23.763	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	28998	76.514	ug/l #	11
94) Hexachlorobutadiene	13.725	225	120	Below Cal	#	54

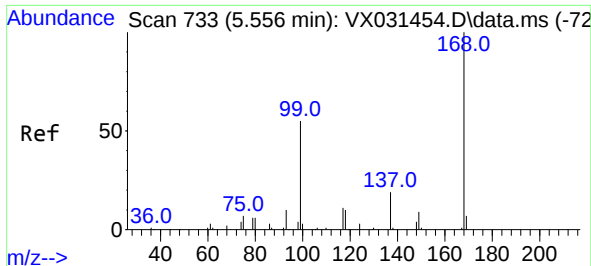
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-03-4.5-5.0

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Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration

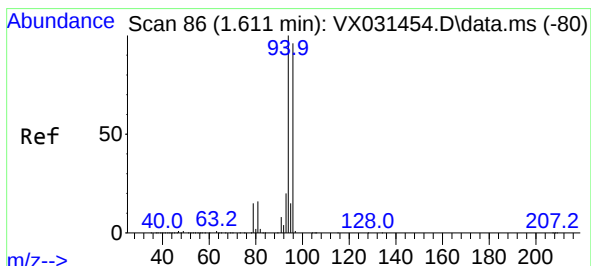
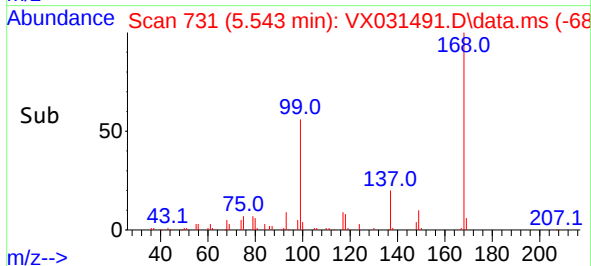
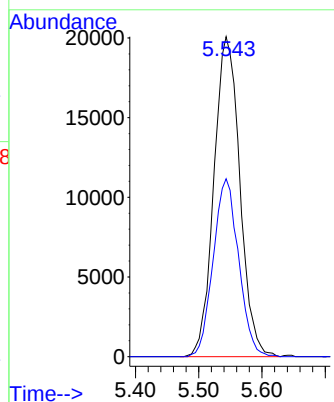
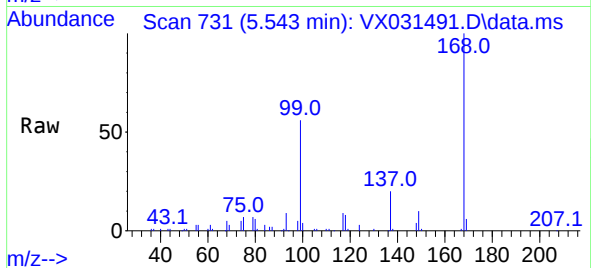




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX031491.D
Acq: 20 Sep 2022 13:09

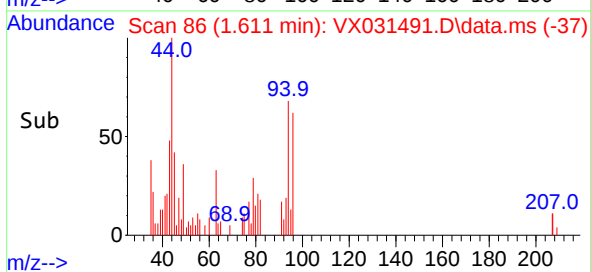
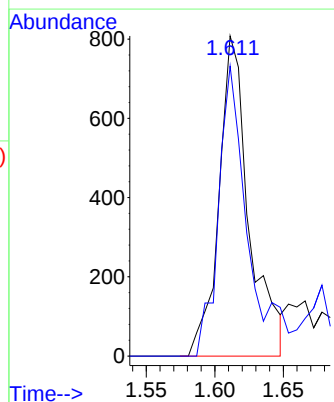
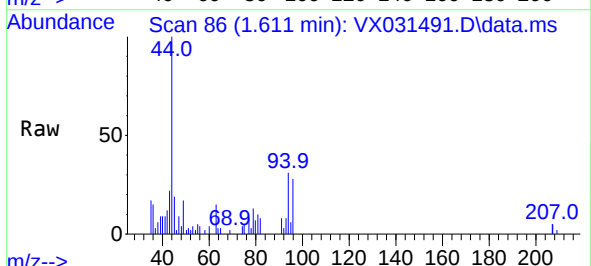
Instrument :
MSVOA_X
ClientSampleId :
SB-03-4.5-5.0

Tgt Ion:168 Resp: 57080
Ion Ratio Lower Upper
168 100
99 55.6 48.8 73.2

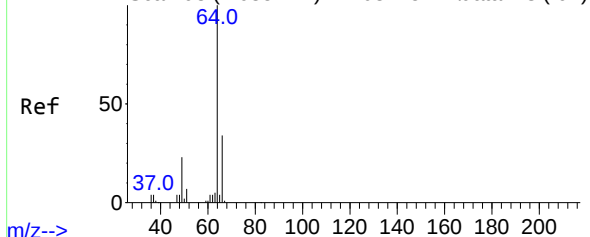


#5
Bromomethane
Concen: 0.699 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX031491.D
Acq: 20 Sep 2022 13:09

Tgt Ion: 94 Resp: 1236
Ion Ratio Lower Upper
94 100
96 90.6 74.4 111.6



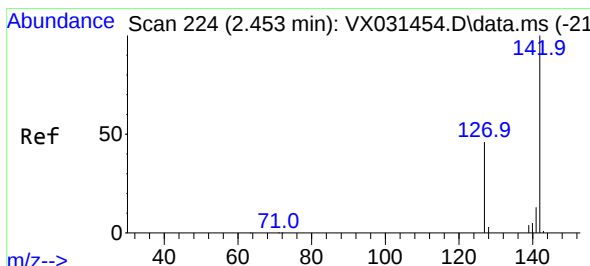
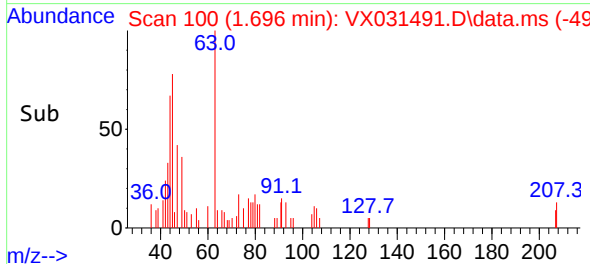
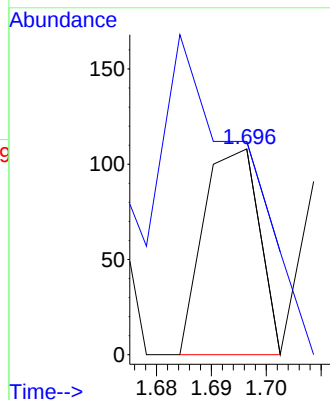
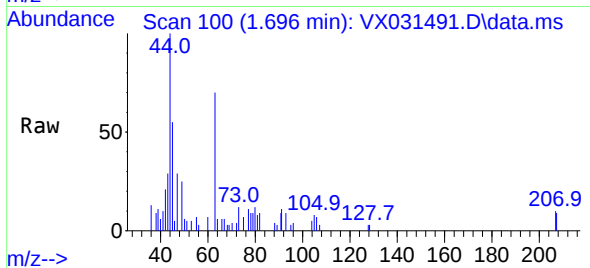
Abundance Scan 98 (1.685 min): VX031454.D\data.ms (-92)



#6
Chloroethane
Concen: Below Cal
RT: 1.696 min Scan# 10
Delta R.T. 0.011 min
Lab File: VX031491.D
Acq: 20 Sep 2022 13:09

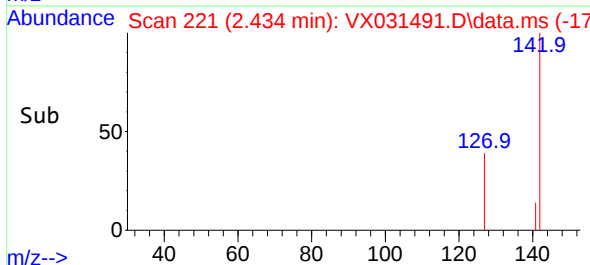
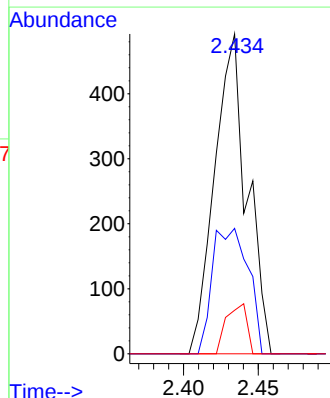
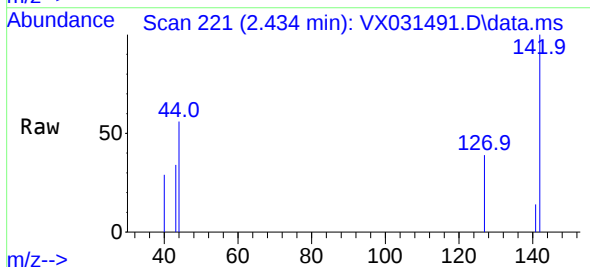
Instrument :
MSVOA_X
ClientSampleId :
SB-03-4.5-5.0

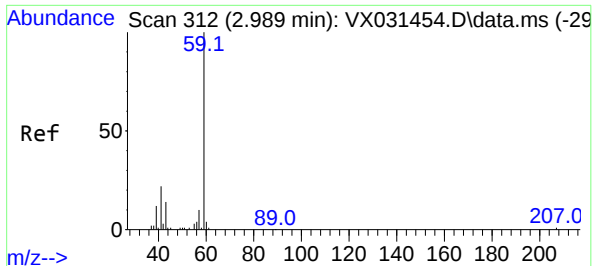
Tgt Ion: 64 Resp: 76
Ion Ratio Lower Upper
64 100
66 53.7 25.0 37.4#



#10
Methyl Iodide
Concen: 0.833 ug/l
RT: 2.434 min Scan# 221
Delta R.T. -0.019 min
Lab File: VX031491.D
Acq: 20 Sep 2022 13:09

Tgt Ion: 142 Resp: 741
Ion Ratio Lower Upper
142 100
127 43.5 37.4 56.0
141 9.9 11.6 17.4#

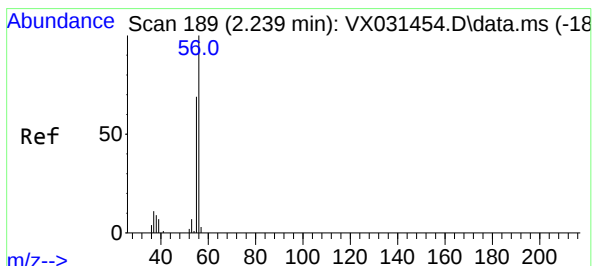
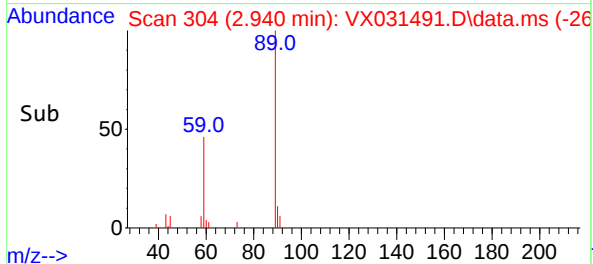
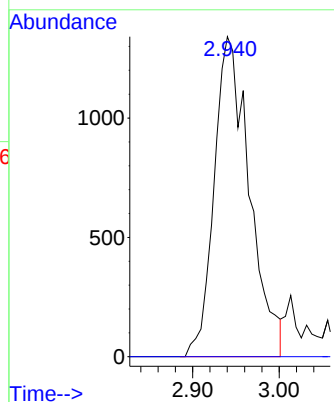
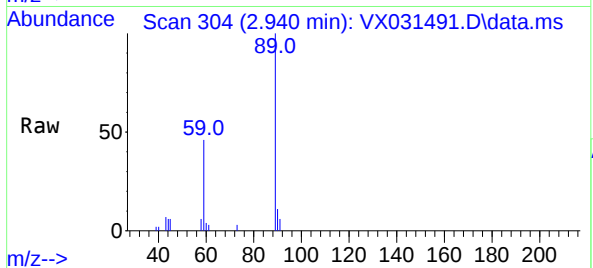




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX031491.D
Acq: 20 Sep 2022 13:09

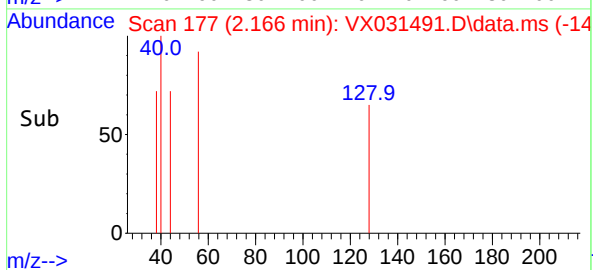
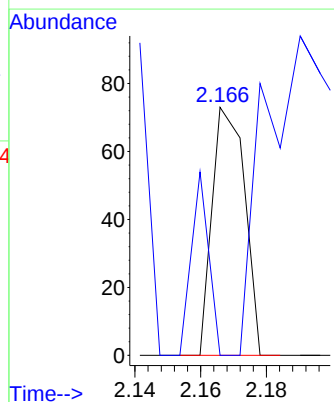
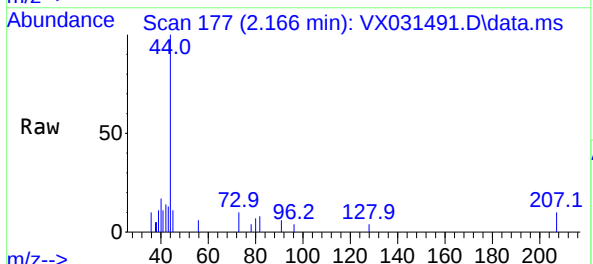
Instrument :
MSVOA_X
ClientSampleId :
SB-03-4.5-5.0

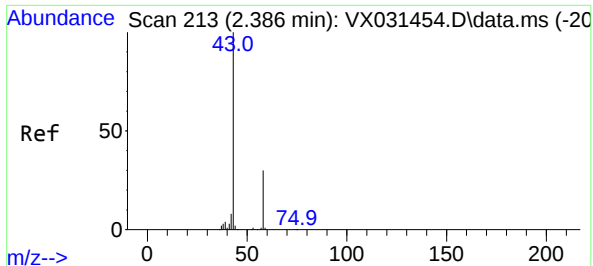
Tgt Ion: 59 Resp: 3793
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: Below Cal
RT: 2.166 min Scan# 177
Delta R.T. -0.073 min
Lab File: VX031491.D
Acq: 20 Sep 2022 13:09

Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 40.0 56.0 84.0#

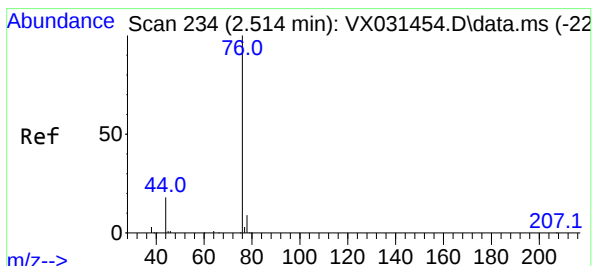
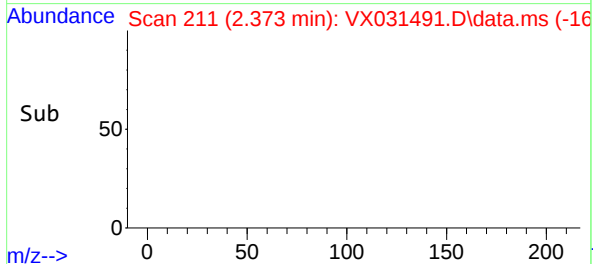
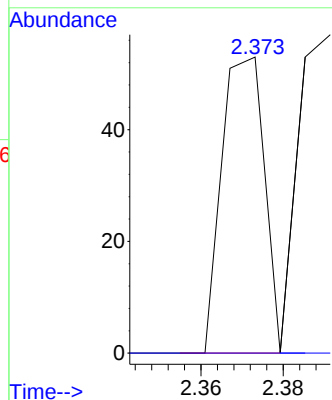
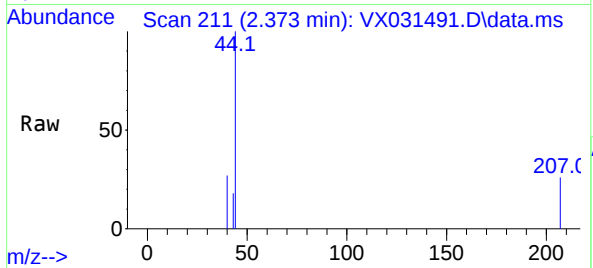




#16
Acetone
Concen: Below Cal
RT: 2.373 min Scan# 21
Delta R.T. -0.013 min
Lab File: VX031491.D
Acq: 20 Sep 2022 13:09

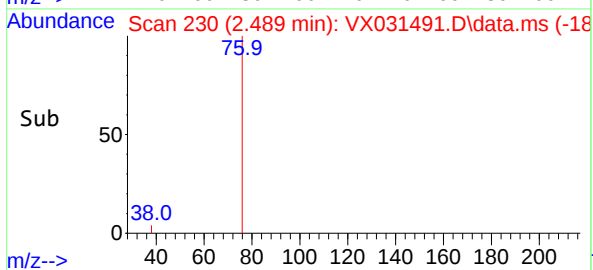
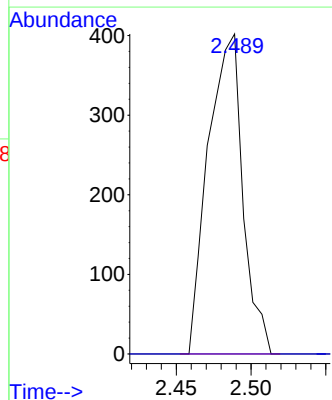
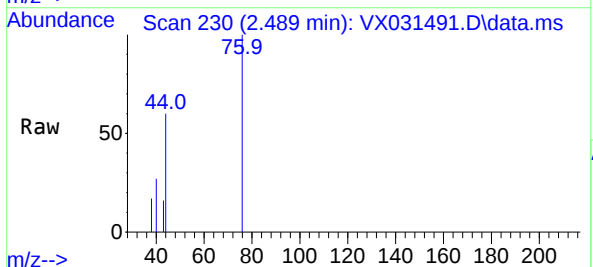
Instrument :
MSVOA_X
ClientSampleId :
SB-03-4.5-5.0

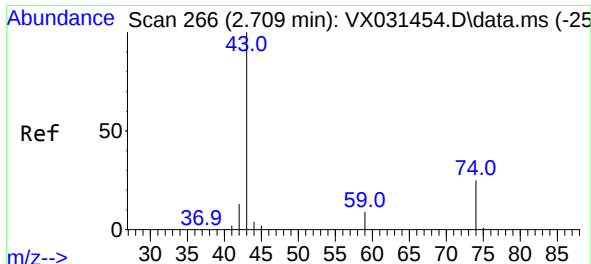
Tgt Ion: 43 Resp: 38
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.271 ug/l
RT: 2.489 min Scan# 230
Delta R.T. -0.025 min
Lab File: VX031491.D
Acq: 20 Sep 2022 13:09

Tgt Ion: 76 Resp: 649
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 0.221 ug/l

RT: 2.727 min Scan# 2

Delta R.T. 0.018 min

Lab File: VX031491.D

Acq: 20 Sep 2022 13:09

Instrument :

MSVOA_X

ClientSampleId :

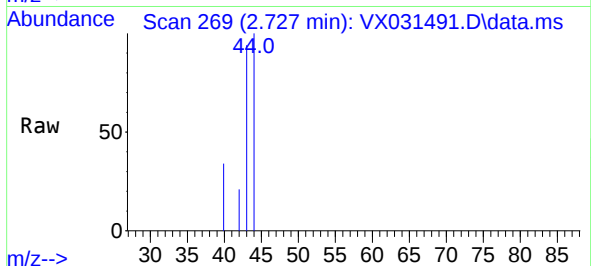
SB-03-4.5-5.0

Tgt Ion: 43 Resp: 346

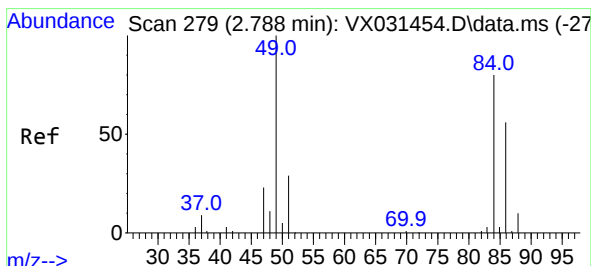
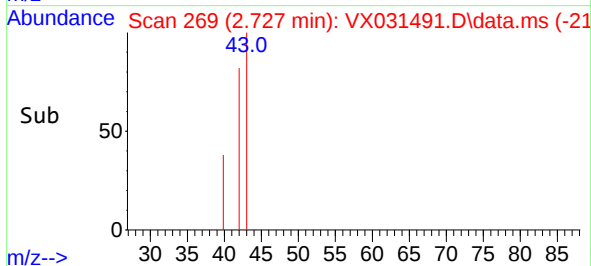
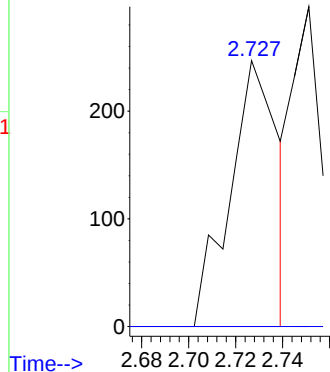
Ion Ratio Lower Upper

43 100

74 0.0 18.6 27.8#



Abundance



#20

Methylene Chloride

Concen: Below Cal

RT: 2.776 min Scan# 277

Delta R.T. -0.012 min

Lab File: VX031491.D

Acq: 20 Sep 2022 13:09

Tgt Ion: 84 Resp: 1038

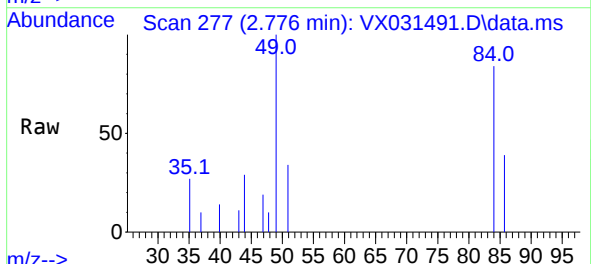
Ion Ratio Lower Upper

84 100

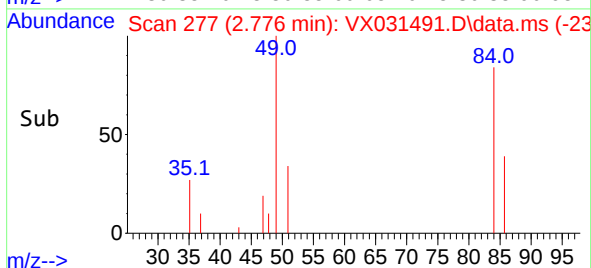
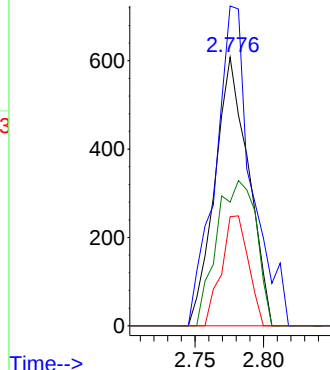
49 119.1 105.9 158.9

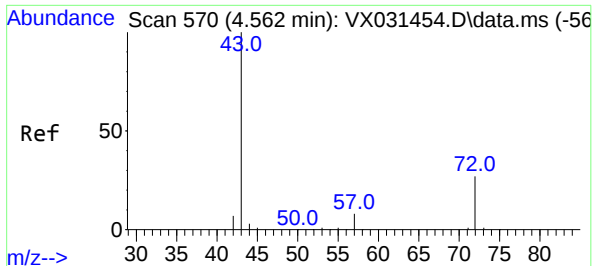
51 40.6 32.2 48.2

86 46.1 50.8 76.2#



Abundance





#25

2-Butanone

Concen: 3.462 ug/l

RT: 4.598 min Scan# 51

Delta R.T. 0.036 min

Lab File: VX031491.D

Acq: 20 Sep 2022 13:09

Instrument :

MSVOA_X

ClientSampleId :

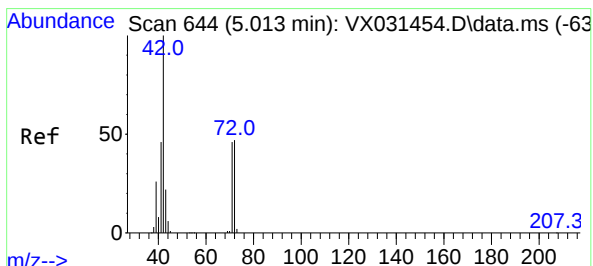
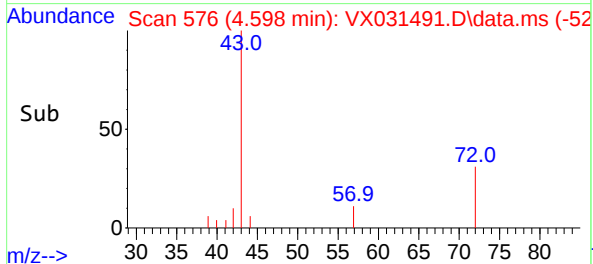
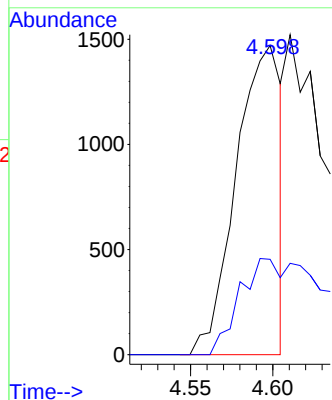
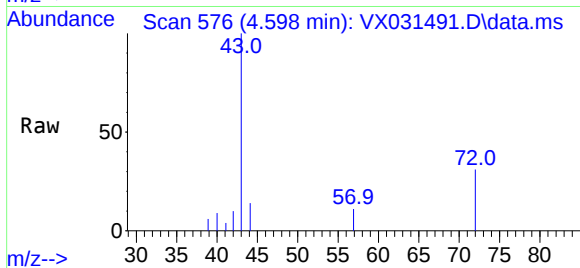
SB-03-4.5-5.0

Tgt Ion: 43 Resp: 2798

Ion Ratio Lower Upper

43 100

72 30.8 21.1 31.7



#29

Tetrahydrofuran

Concen: 0.738 ug/l

RT: 5.062 min Scan# 652

Delta R.T. 0.049 min

Lab File: VX031491.D

Acq: 20 Sep 2022 13:09

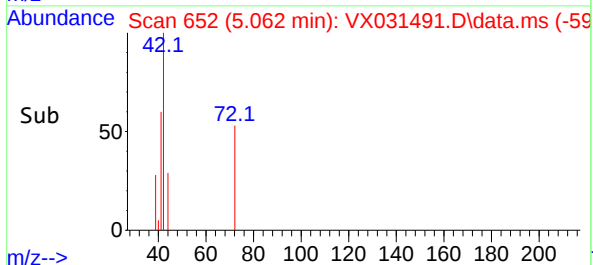
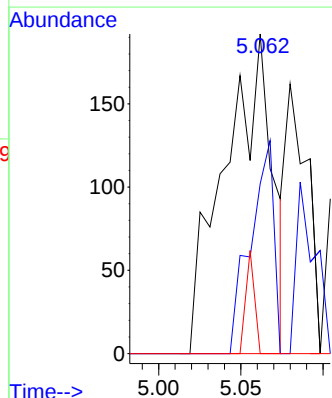
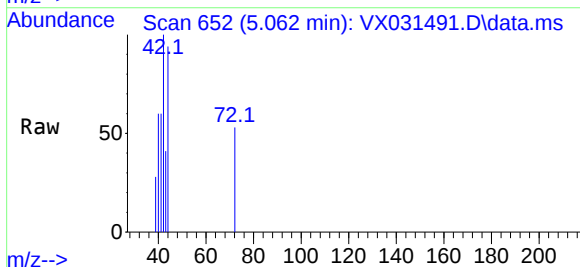
Tgt Ion: 42 Resp: 389

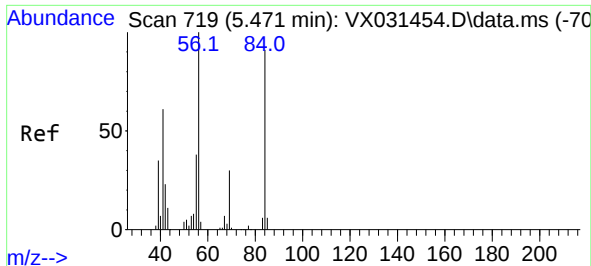
Ion Ratio Lower Upper

42 100

72 32.6 36.4 54.6#

71 5.9 33.5 50.3#

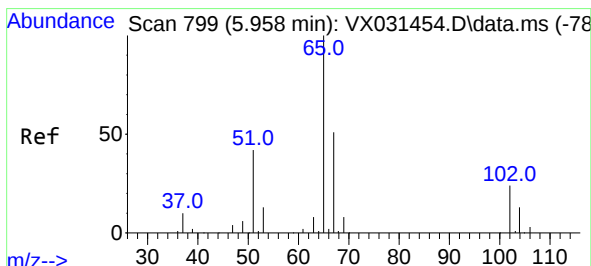
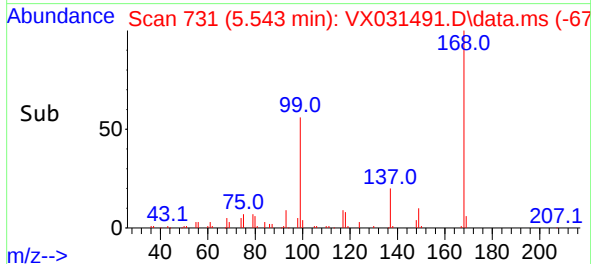
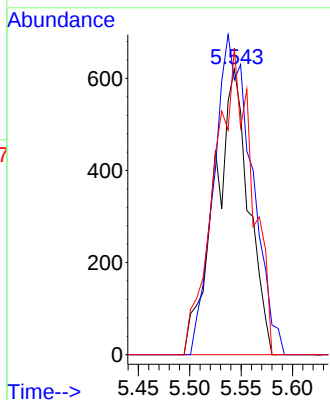
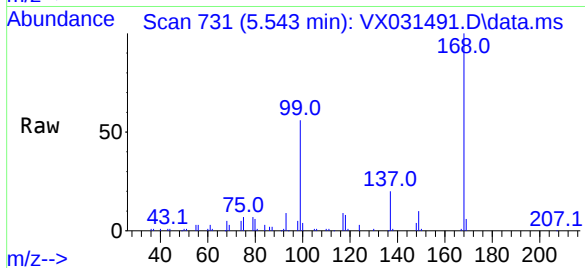




#31
Cyclohexane
Concen: 0.925 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.072 min
Lab File: VX031491.D
Acq: 20 Sep 2022 13:09

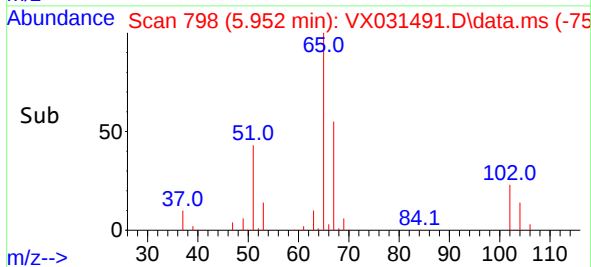
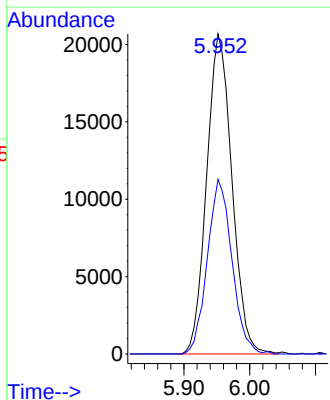
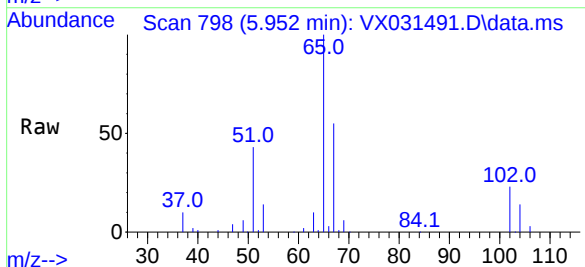
Instrument :
MSVOA_X
ClientSampleId :
SB-03-4.5-5.0

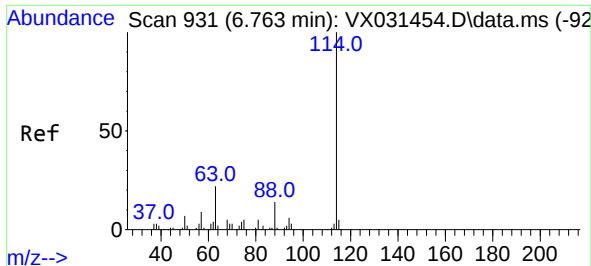
Tgt Ion: 56 Resp: 1436
Ion Ratio Lower Upper
56 100
69 96.3 25.1 37.7#
84 107.4 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 52.837 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX031491.D
Acq: 20 Sep 2022 13:09

Tgt Ion: 65 Resp: 55349
Ion Ratio Lower Upper
65 100
67 53.1 0.0 102.4

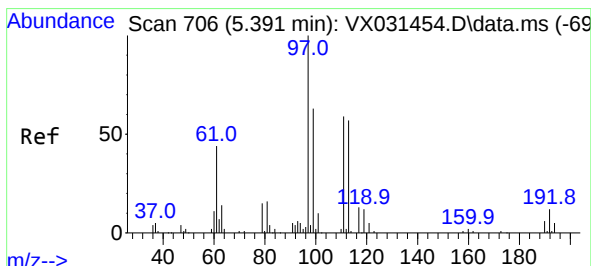
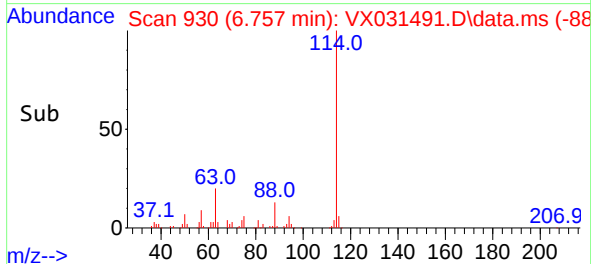
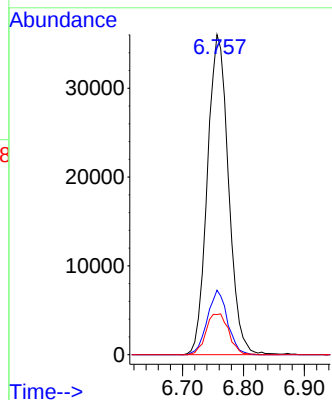
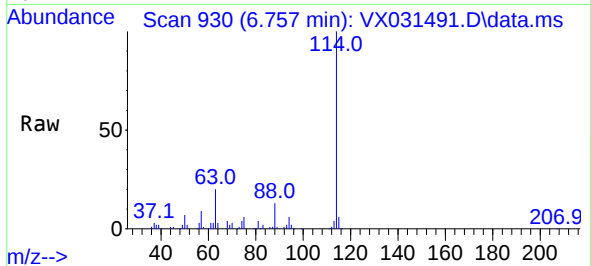




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031491.D
Acq: 20 Sep 2022 13:09

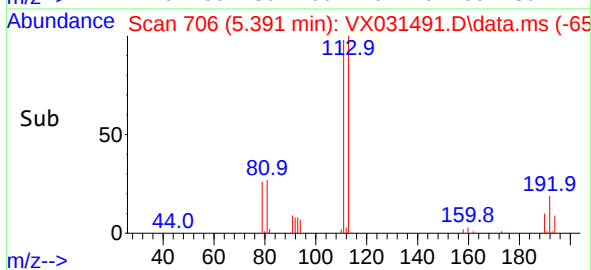
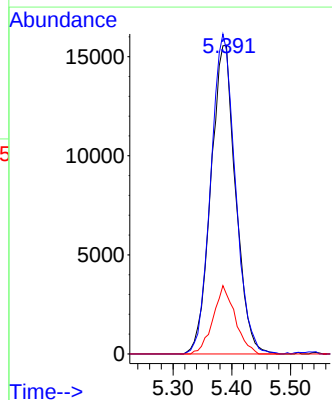
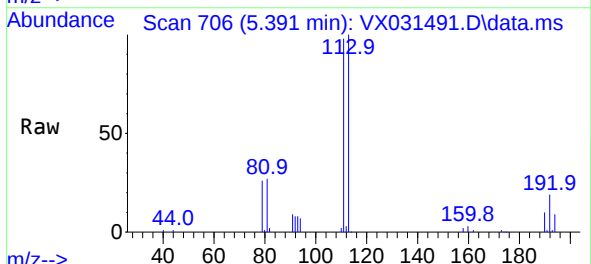
Instrument :
MSVOA_X
ClientSampleId :
SB-03-4.5-5.0

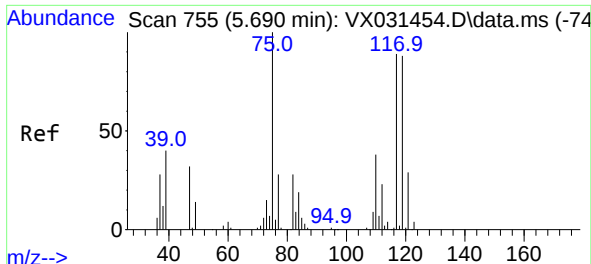
Tgt Ion:	114	Resp:	87001
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.6
88	12.5	0.0	33.0



#35
Dibromofluoromethane
Concen: 50.700 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031491.D
Acq: 20 Sep 2022 13:09

Tgt Ion:	113	Resp:	45583
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	19.7	14.1	21.1

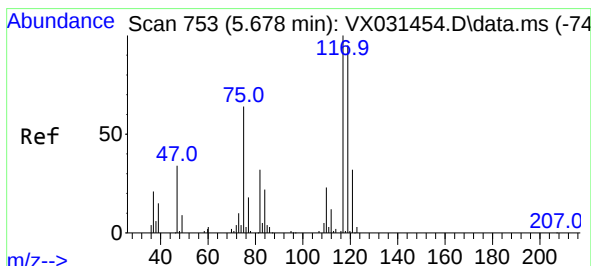
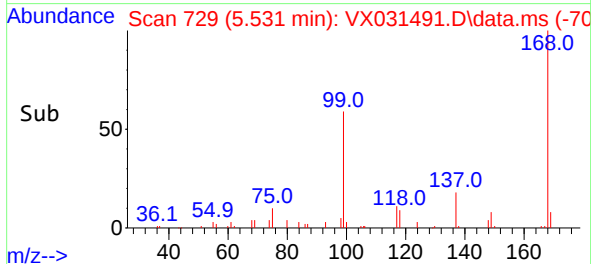
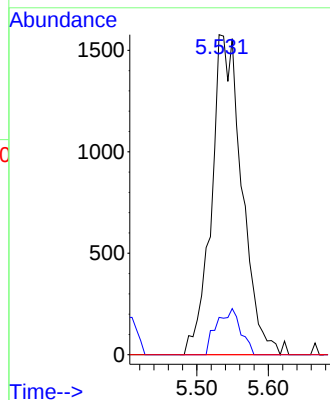
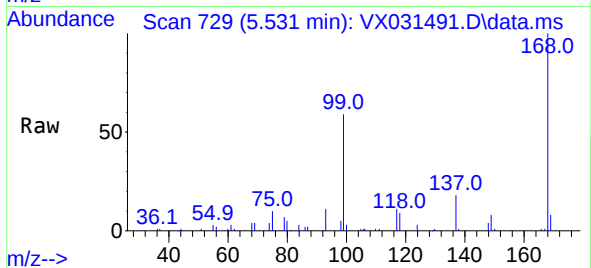




#36
1,1-Dichloropropene
Concen: 3.372 ug/l
RT: 5.531 min Scan# 711
Delta R.T. -0.159 min
Lab File: VX031491.D
Acq: 20 Sep 2022 13:09

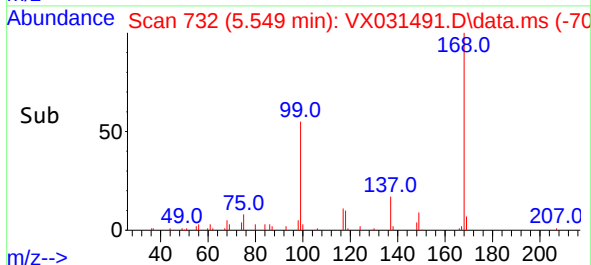
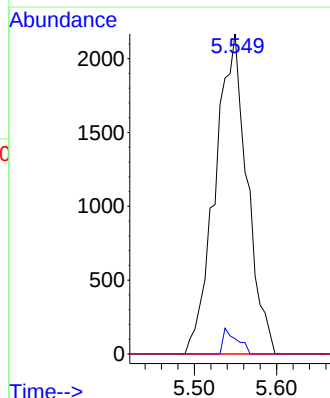
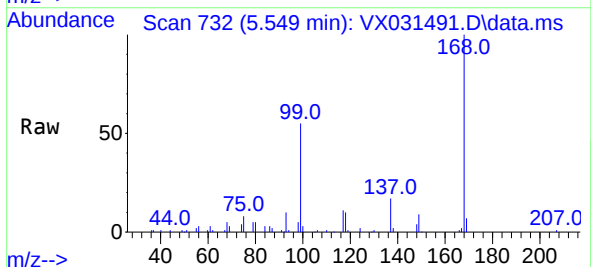
Instrument :
MSVOA_X
ClientSampleId :
SB-03-4.5-5.0

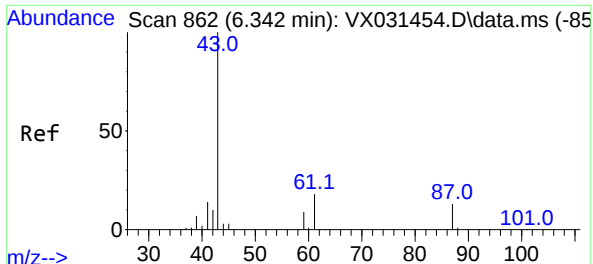
Tgt Ion: 75 Resp: 4663
Ion Ratio Lower Upper
75 100
110 11.3 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.822 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.129 min
Lab File: VX031491.D
Acq: 20 Sep 2022 13:09

Tgt Ion: 117 Resp: 5859
Ion Ratio Lower Upper
117 100
119 4.8 74.6 112.0#
121 0.0 25.3 37.9#





#43

Isopropyl Acetate

Concen: 0.541 ug/l

RT: 6.366 min Scan# 866

Delta R.T. 0.024 min

Lab File: VX031491.D

Acq: 20 Sep 2022 13:09

Instrument :

MSVOA_X

ClientSampleId :

SB-03-4.5-5.0

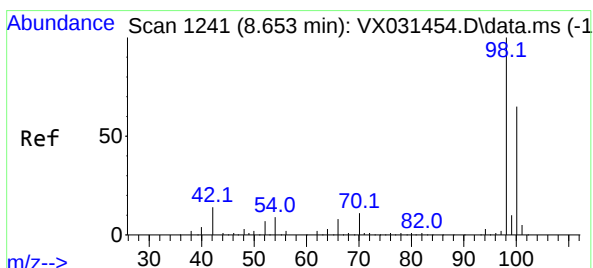
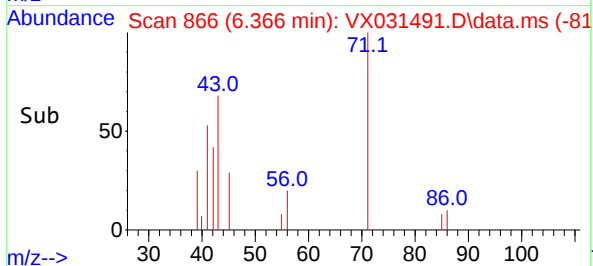
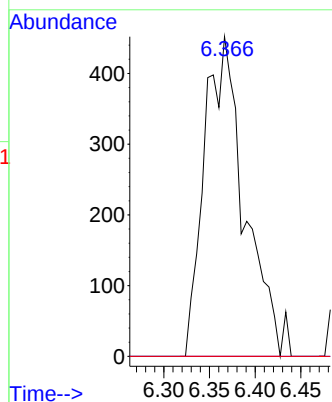
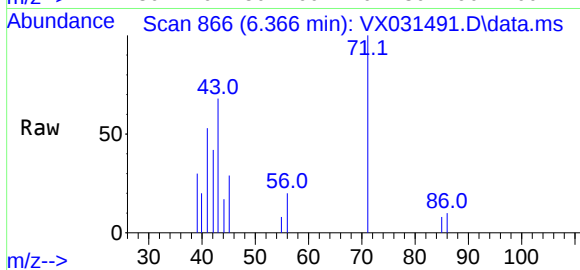
Tgt Ion: 43 Resp: 1371

Ion Ratio Lower Upper

43 100

61 0.0 15.3 22.9#

87 0.0 10.6 15.8#



#50

Toluene-d8

Concen: 49.681 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.007 min

Lab File: VX031491.D

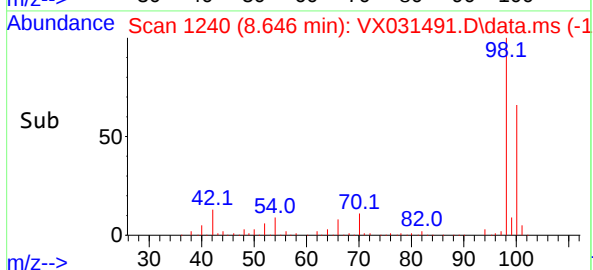
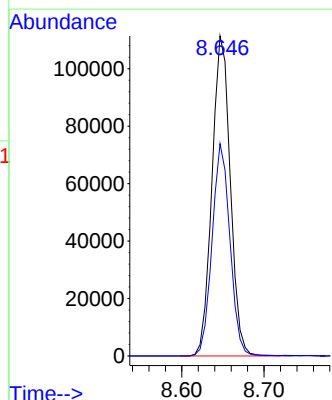
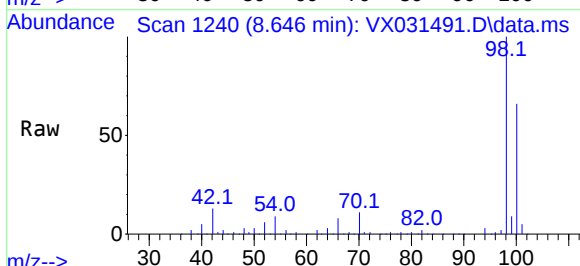
Acq: 20 Sep 2022 13:09

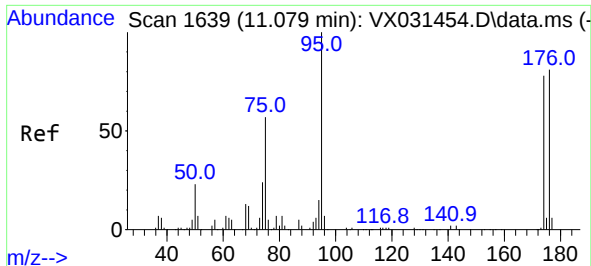
Tgt Ion: 98 Resp: 172205

Ion Ratio Lower Upper

98 100

100 64.6 52.5 78.7

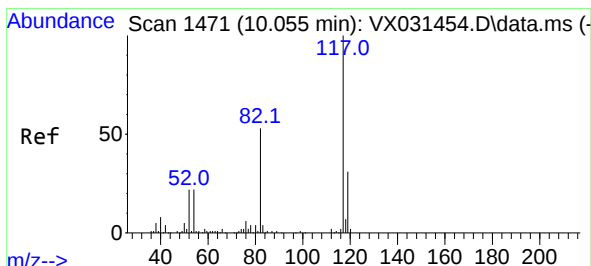
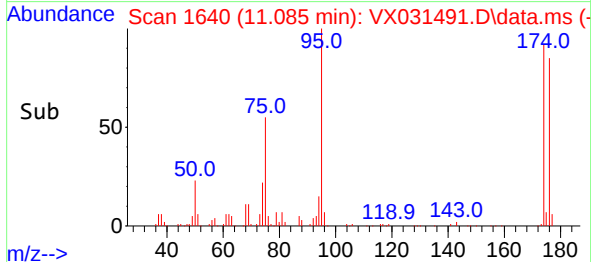
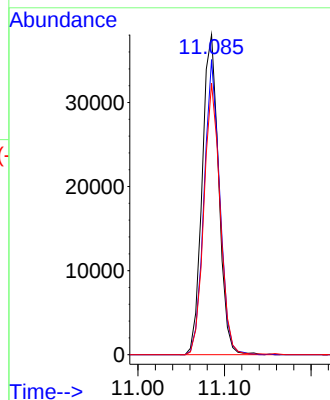
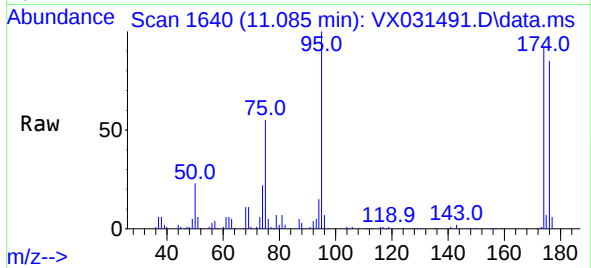




#62
4-Bromofluorobenzene
Concen: 42.811 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031491.D
Acq: 20 Sep 2022 13:09

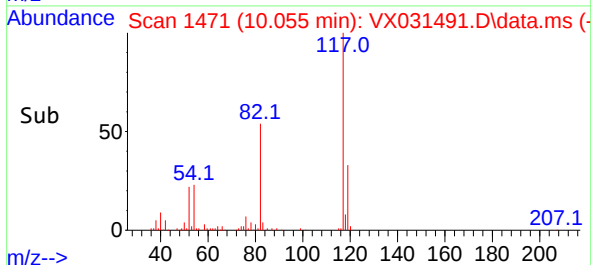
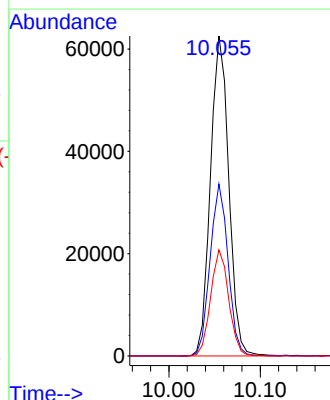
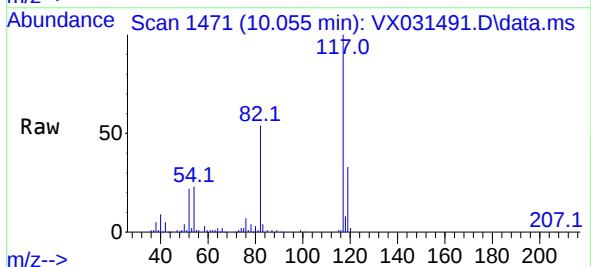
Instrument :
MSVOA_X
ClientSampleId :
SB-03-4.5-5.0

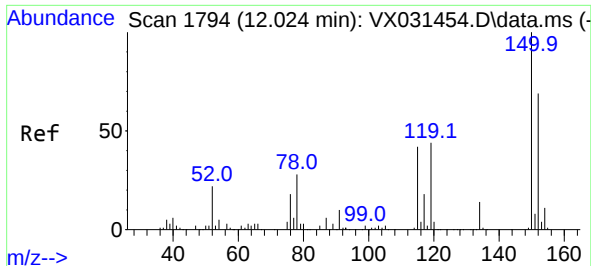
Tgt Ion: 95 Resp: 50265
Ion Ratio Lower Upper
95 100
174 87.7 0.0 153.2
176 83.2 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031491.D
Acq: 20 Sep 2022 13:09

Tgt Ion: 117 Resp: 87179
Ion Ratio Lower Upper
117 100
82 53.8 46.8 70.2
119 33.1 26.4 39.6

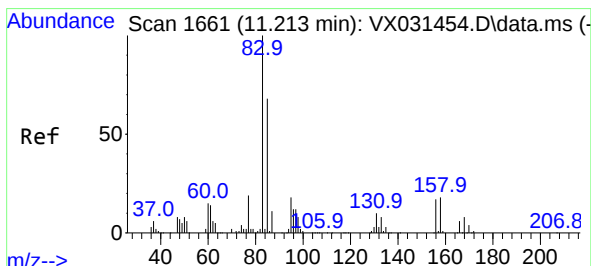
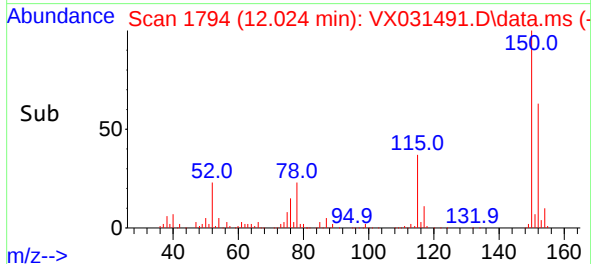
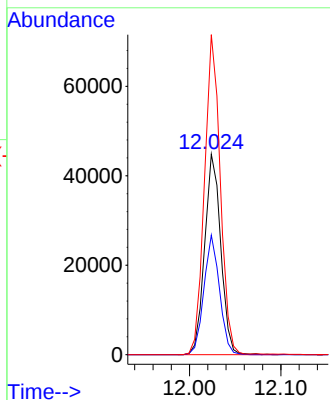
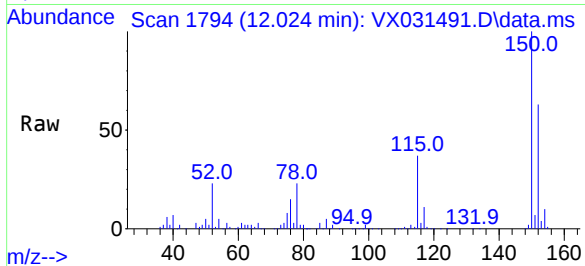




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031491.D
Acq: 20 Sep 2022 13:09

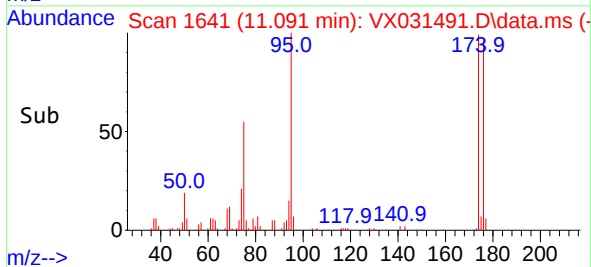
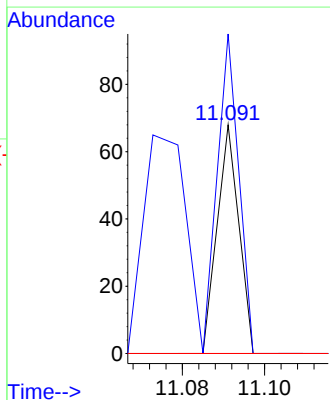
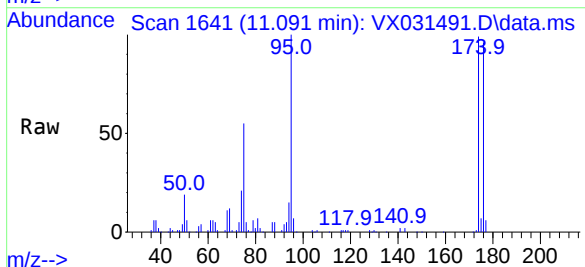
Instrument :
MSVOA_X
ClientSampleId :
SB-03-4.5-5.0

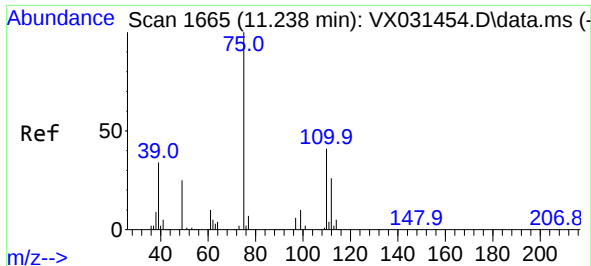
Tgt Ion:152 Resp: 54675
Ion Ratio Lower Upper
152 100
115 57.7 43.4 130.1
150 156.9 0.0 346.8



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.091 min Scan# 1641
Delta R.T. -0.122 min
Lab File: VX031491.D
Acq: 20 Sep 2022 13:09

Tgt Ion: 83 Resp: 25
Ion Ratio Lower Upper
83 100
131 184.0 5.1 15.4#
85 0.0 32.6 97.8#

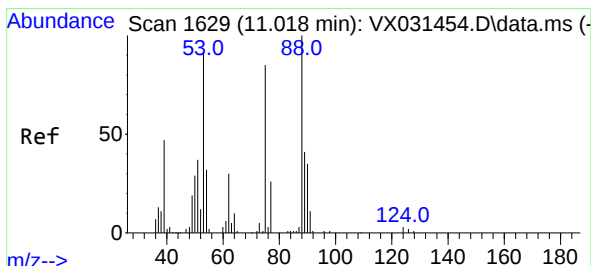
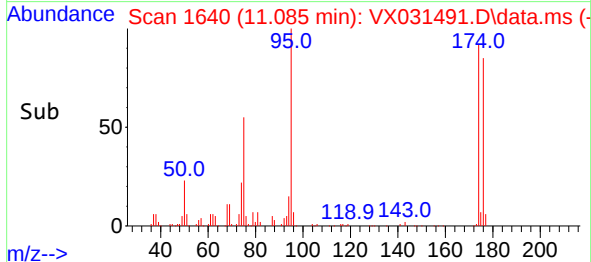
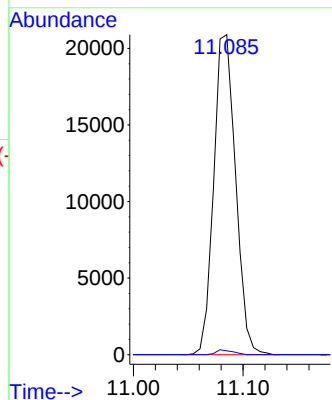
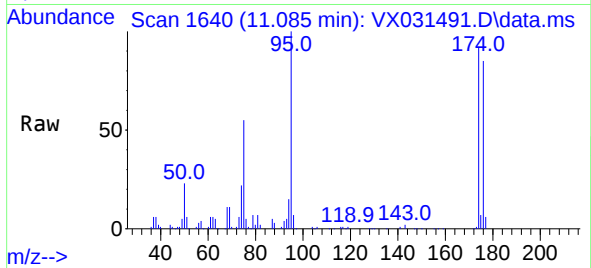




#76
1,2,3-Trichloropropane
Concen: 23.763 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX031491.D
Acq: 20 Sep 2022 13:09

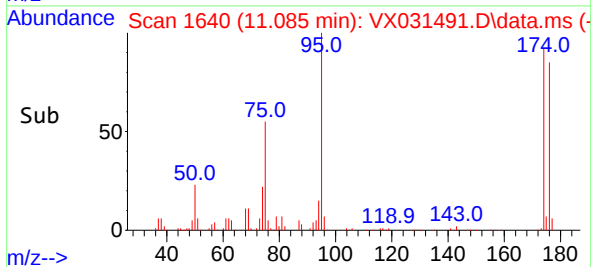
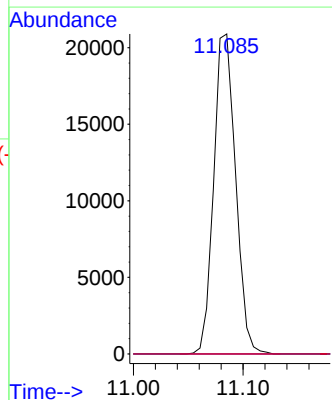
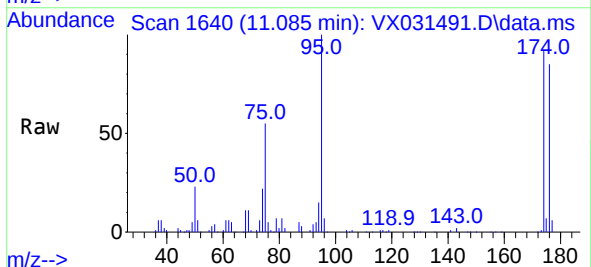
Instrument :
MSVOA_X
ClientSampleId :
SB-03-4.5-5.0

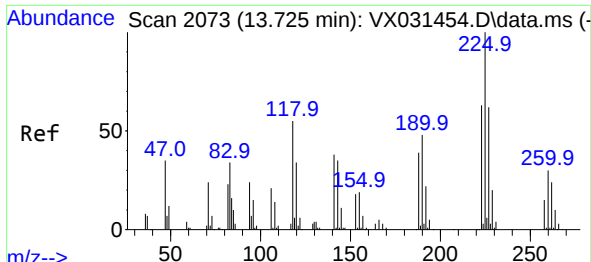
Tgt Ion: 75 Resp: 28998
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.514 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX031491.D
Acq: 20 Sep 2022 13:09

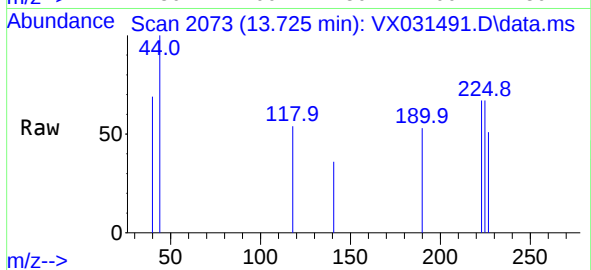
Tgt Ion: 75 Resp: 28998
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#





#94
Hexachlorobutadiene
Concen: Below Cal
RT: 13.725 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX031491.D
Acq: 20 Sep 2022 13:09

Instrument :
MSVOA_X
ClientSampleId :
SB-03-4.5-5.0



Tgt Ion:	225	Resp:	120
Ion	Ratio	Lower	Upper
225	100		
223	95.0	30.8	92.4#
227	102.5	32.3	96.9#

