

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
 Data File : VX027529.D
 Acq On : 18 Mar 2022 15:43
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 19 03:07:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

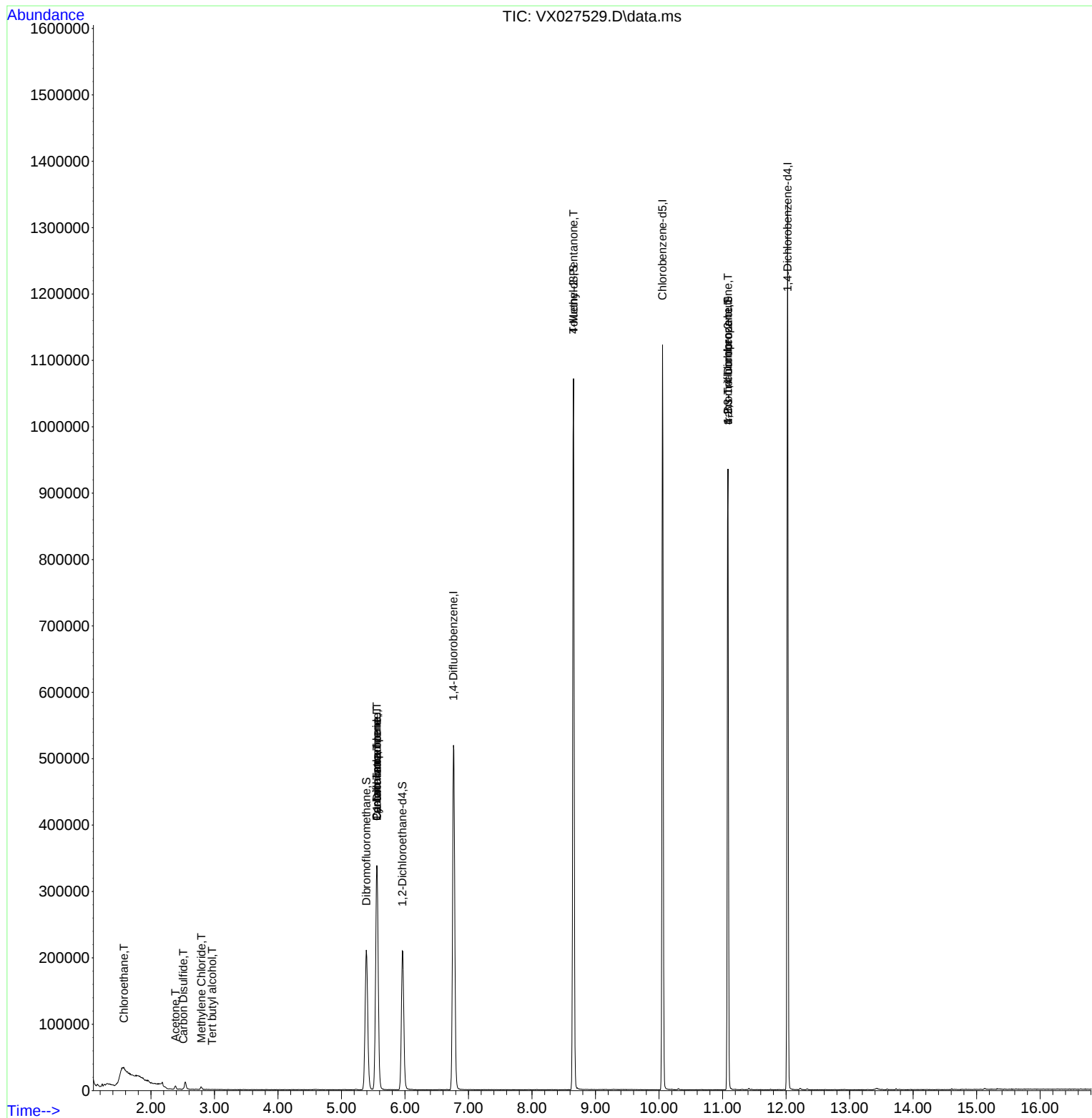
Internal Standards						
1) Pentafluorobenzene	5.556	168	334706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	559435	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	518917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	206134	49.993	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.980%		
35) Dibromofluoromethane	5.391	113	185422	51.516	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.040%		
50) Toluene-d8	8.653	98	663305	48.700	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.400%		
62) 4-Bromofluorobenzene	11.085	95	253347	50.607	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.220%		
Target Compounds						Qvalue
5) Bromomethane	1.618	94	135	Below Cal		99
6) Chloroethane	1.575	64	129091	63.839	ug/l #	53
11) Tert butyl alcohol	2.965	59	387	0.492	ug/l #	72
16) Acetone	2.386	43	5374	3.198	ug/l	93
17) Carbon Disulfide	2.508	76	1916	0.242	ug/l	98
20) Methylene Chloride	2.794	84	2033	0.563	ug/l #	74
31) Cyclohexane	5.556	56	5916	1.155	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23447	4.767	ug/l #	50
38) Carbon Tetrachloride	5.556	117	33284	5.915	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	2616	0.520	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.214	63	20	Below Cal	#	45
76) 1,2,3-Trichloropropane	11.085	75	122841	21.732	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	122841	66.002	ug/l #	15

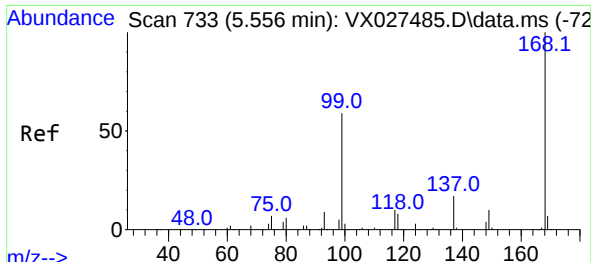
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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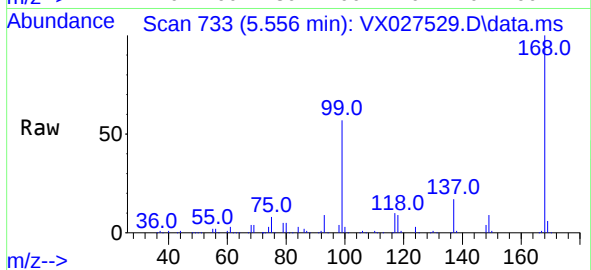
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration



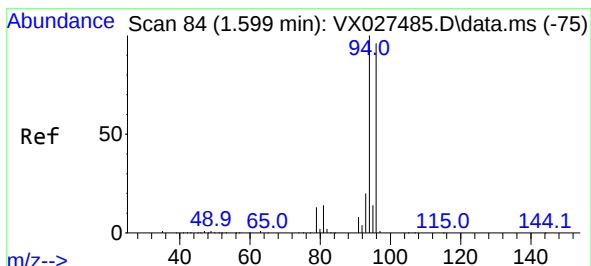
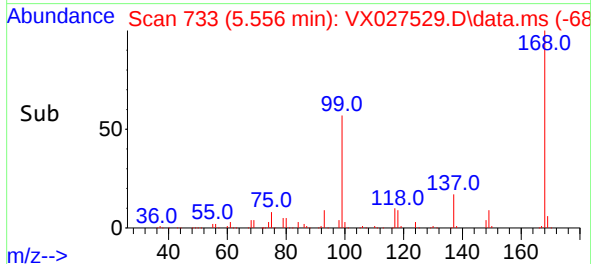
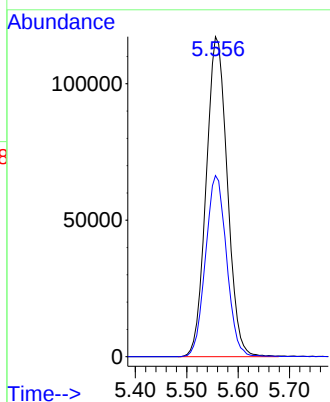


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027529.D
Acq: 18 Mar 2022 15:43

Instrument :
MSVOA_X
ClientSampleId :

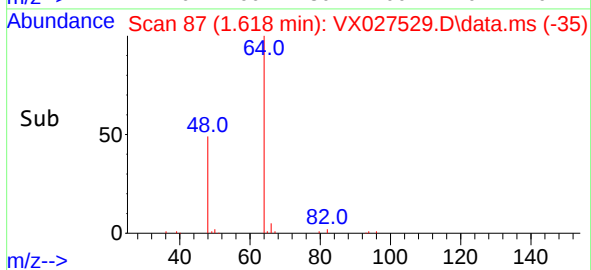
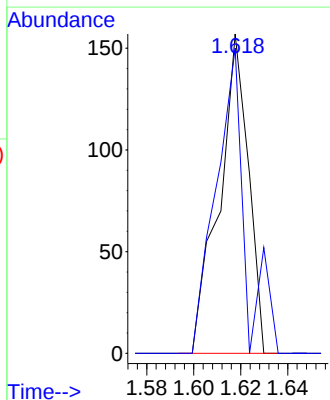
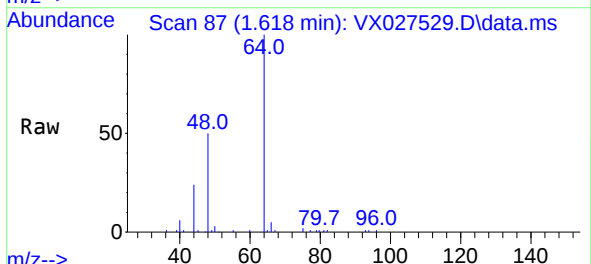


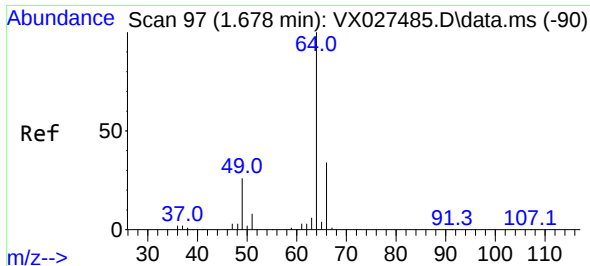
Tgt Ion:168 Resp: 334706
Ion Ratio Lower Upper
168 100
99 56.6 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027529.D
Acq: 18 Mar 2022 15:43

Tgt Ion: 94 Resp: 135
Ion Ratio Lower Upper
94 100
96 95.5 75.3 112.9

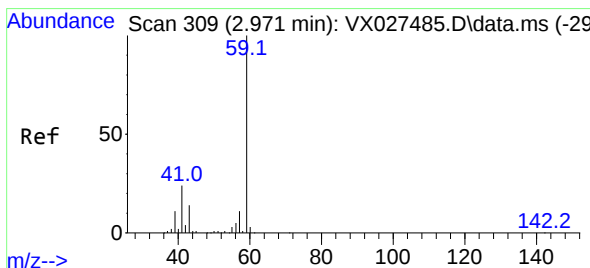
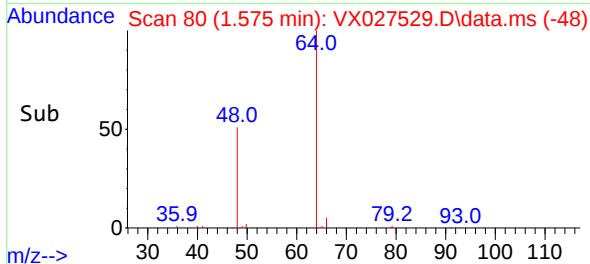
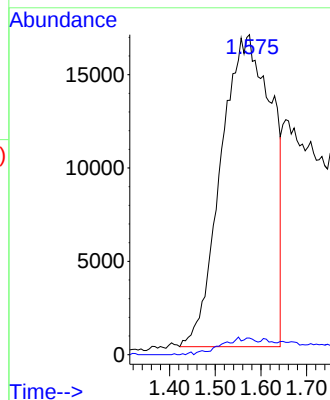
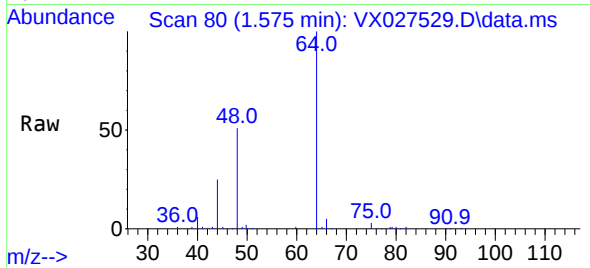




#6
Chloroethane
Concen: 63.839 ug/l
RT: 1.575 min Scan# 80
Delta R.T. -0.103 min
Lab File: VX027529.D
Acq: 18 Mar 2022 15:43

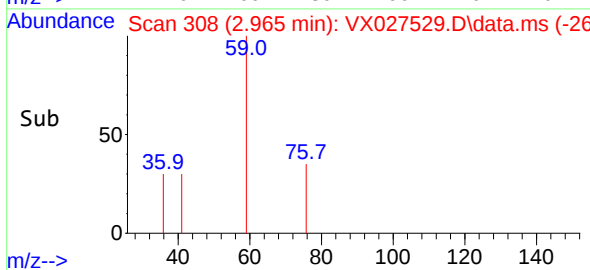
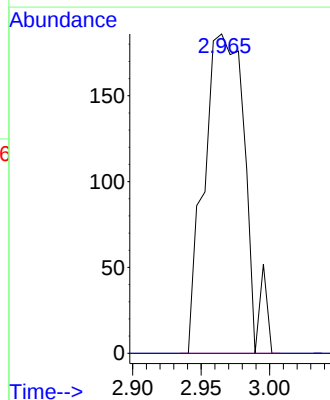
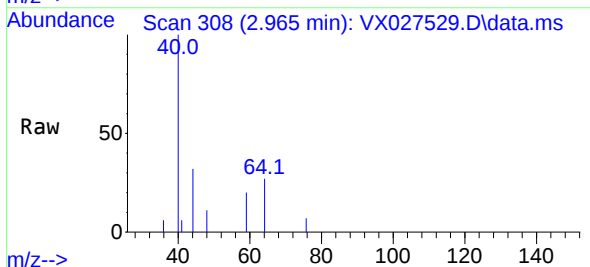
Instrument :
MSVOA_X
ClientSampleId :

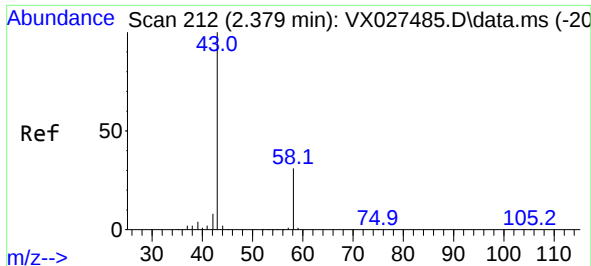
Tgt Ion: 64 Resp: 129091
Ion Ratio Lower Upper
64 100
66 5.4 25.3 37.9#



#11
Tert butyl alcohol
Concen: 0.492 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027529.D
Acq: 18 Mar 2022 15:43

Tgt Ion: 59 Resp: 387
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

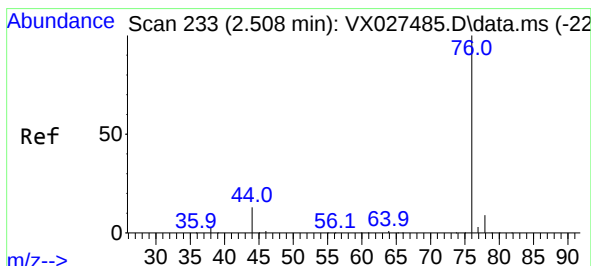
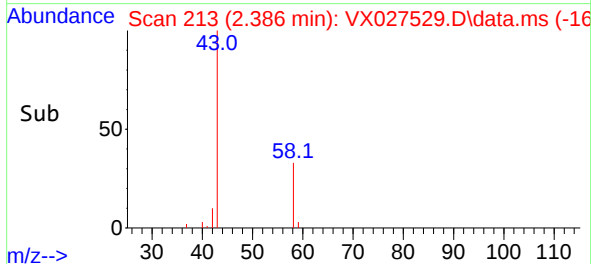
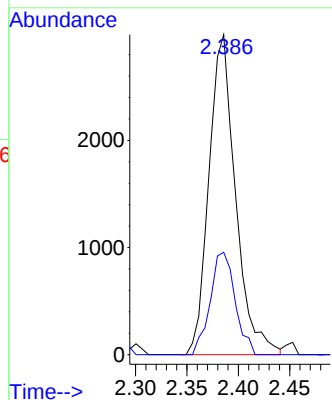
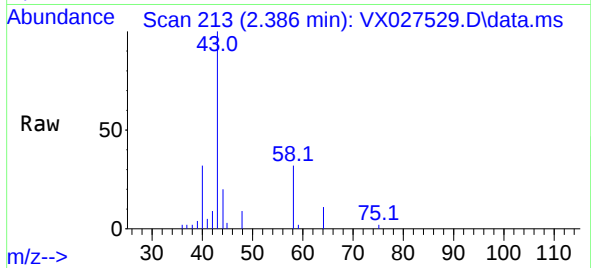




#16
Acetone
Concen: 3.198 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX027529.D
Acq: 18 Mar 2022 15:43

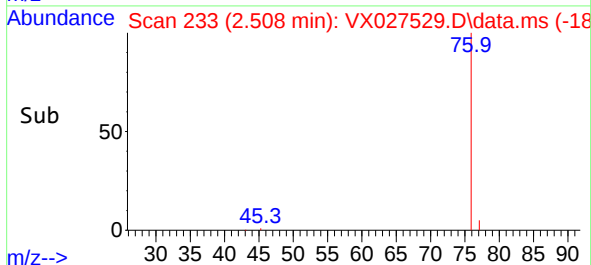
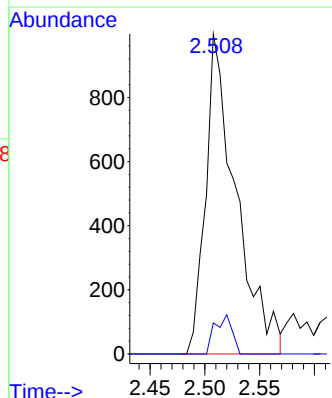
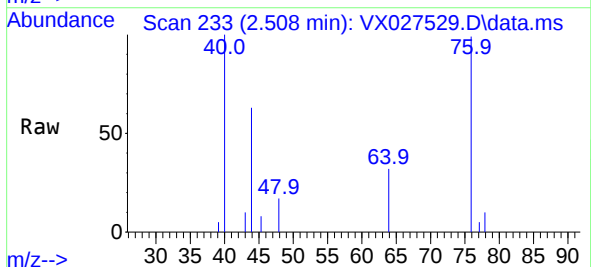
Instrument :
MSVOA_X
ClientSampleId :

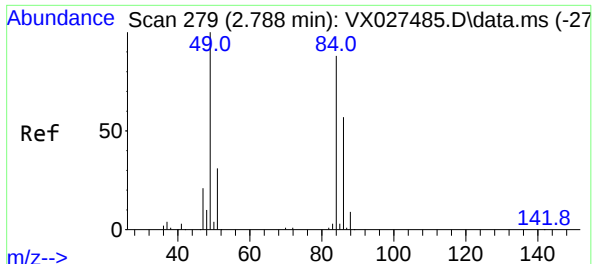
Tgt Ion: 43 Resp: 5374
Ion Ratio Lower Upper
43 100
58 32.0 28.8 43.2



#17
Carbon Disulfide
Concen: 0.242 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.000 min
Lab File: VX027529.D
Acq: 18 Mar 2022 15:43

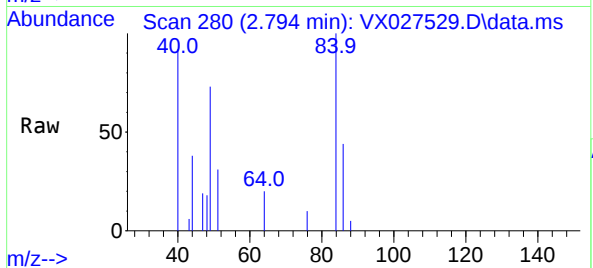
Tgt Ion: 76 Resp: 1916
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8





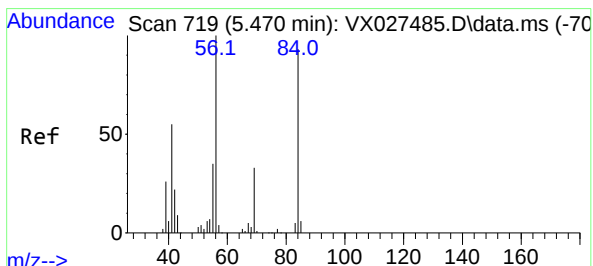
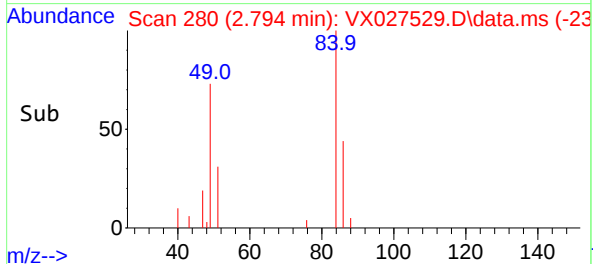
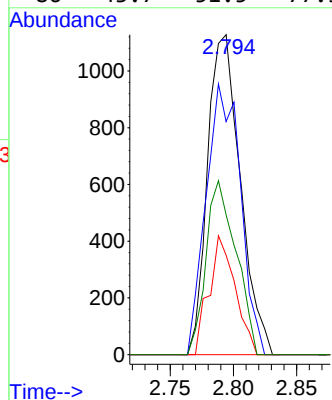
#20
Methylene Chloride
Concen: 0.563 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027529.D
Acq: 18 Mar 2022 15:43

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 2033

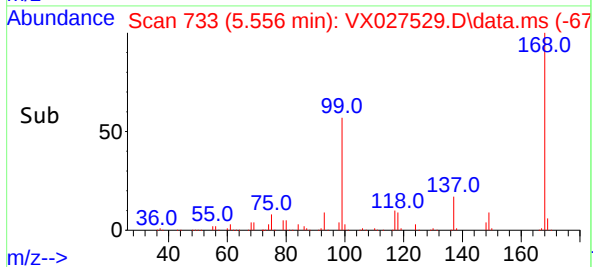
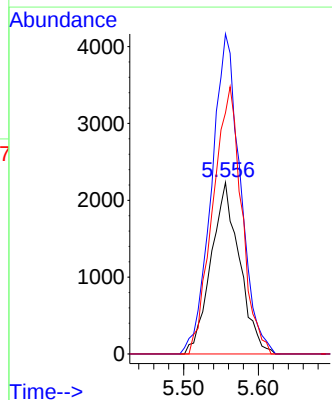
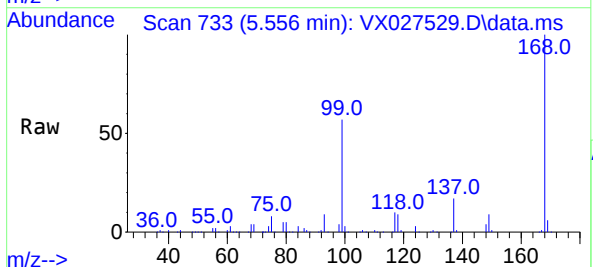
Ion	Ratio	Lower	Upper
84	100		
49	72.9	85.5	128.3#
51	31.0	26.6	39.8
86	43.7	51.5	77.3#

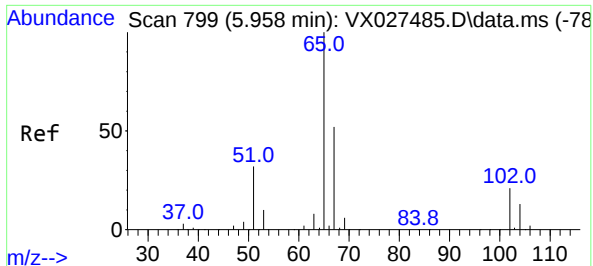


#31
Cyclohexane
Concen: 1.155 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX027529.D
Acq: 18 Mar 2022 15:43

Tgt Ion: 56 Resp: 5916

Ion	Ratio	Lower	Upper
56	100		
69	186.5	26.7	40.1#
84	140.6	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 49.993 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027529.D

Acq: 18 Mar 2022 15:43

Instrument :

MSVOA_X

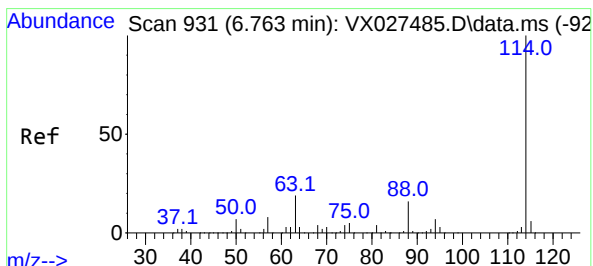
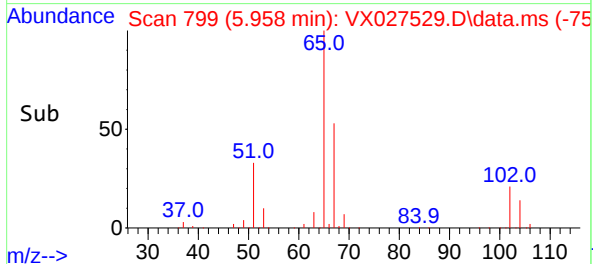
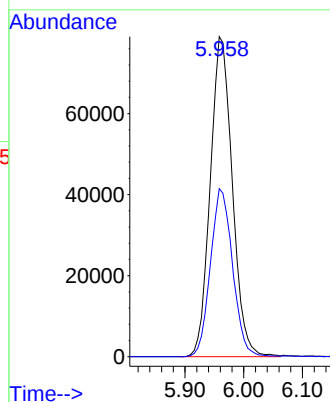
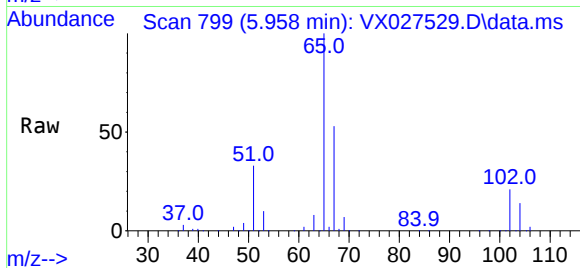
ClientSampleId :

Tgt Ion: 65 Resp: 206134

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027529.D

Acq: 18 Mar 2022 15:43

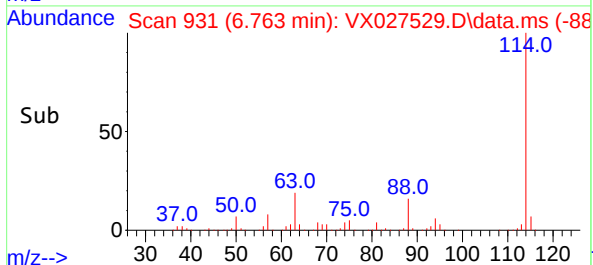
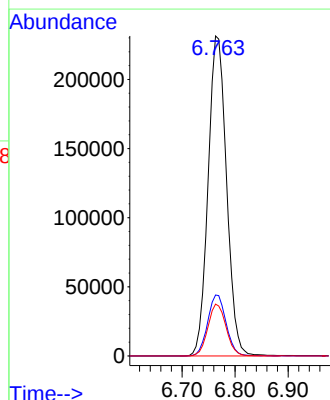
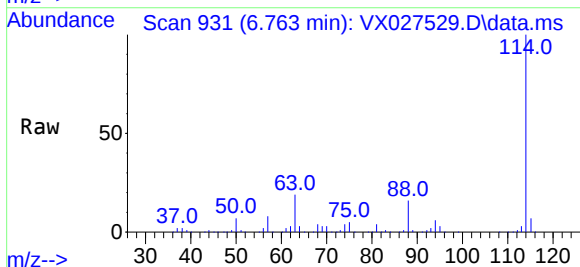
Tgt Ion:114 Resp: 559435

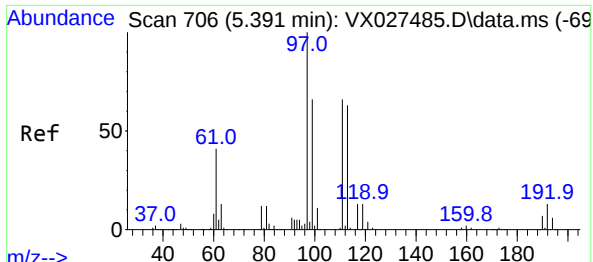
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.8

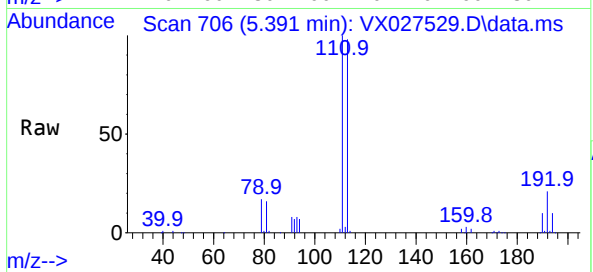
88 16.2 0.0 32.4





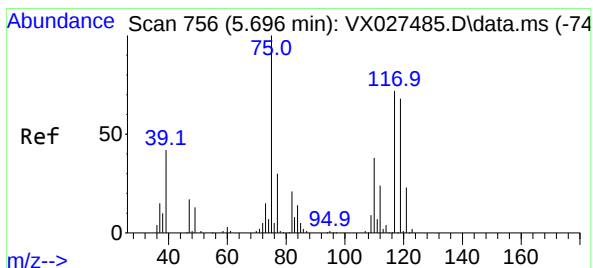
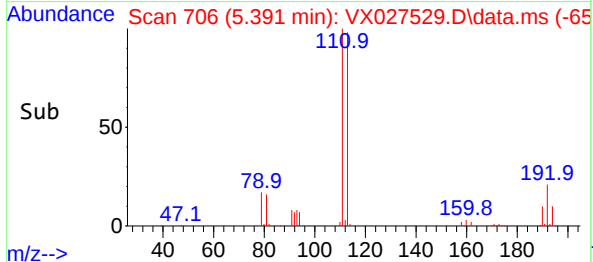
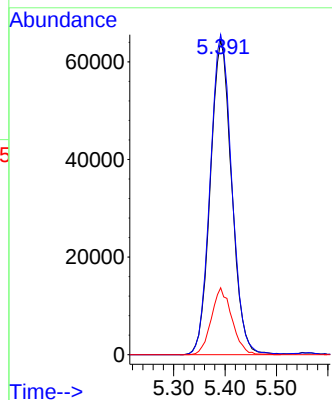
#35
Dibromofluoromethane
Concen: 51.516 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027529.D
Acq: 18 Mar 2022 15:43

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:113 Resp: 185422

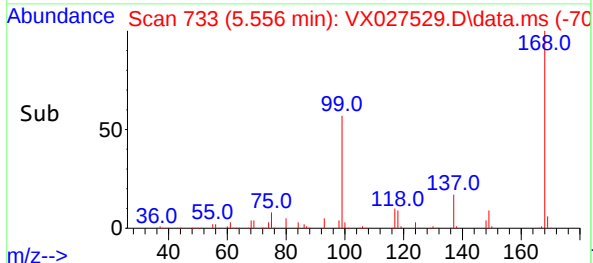
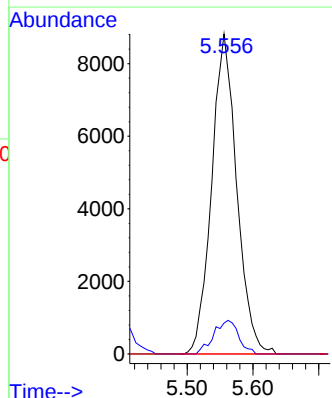
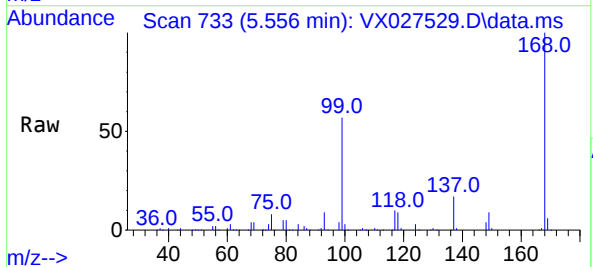
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.8	124.2
192	20.6	16.9	25.3

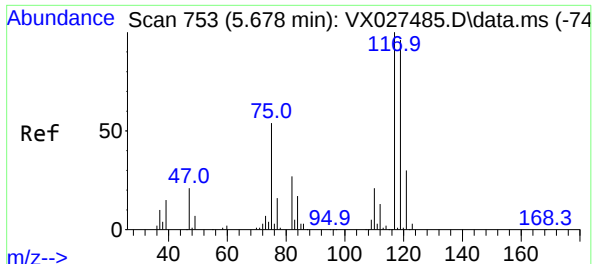


#36
1,1-Dichloropropene
Concen: 4.767 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027529.D
Acq: 18 Mar 2022 15:43

Tgt Ion: 75 Resp: 23447

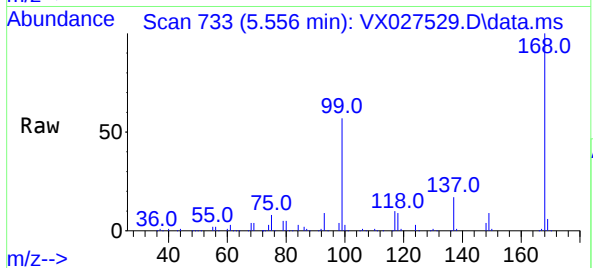
Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.3	54.8#
77	0.0	24.8	37.2#



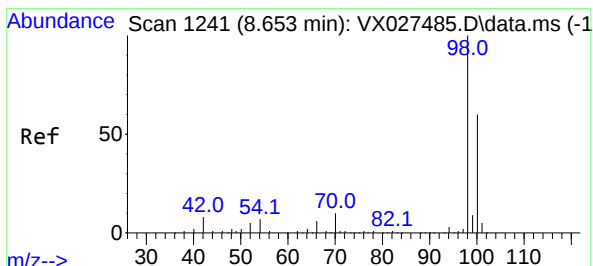
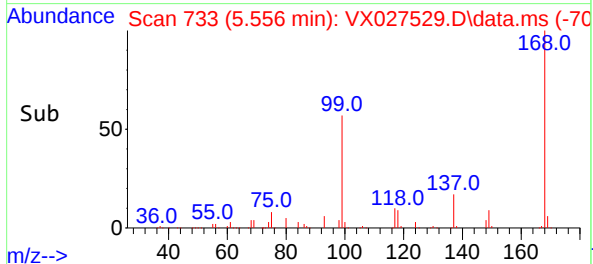
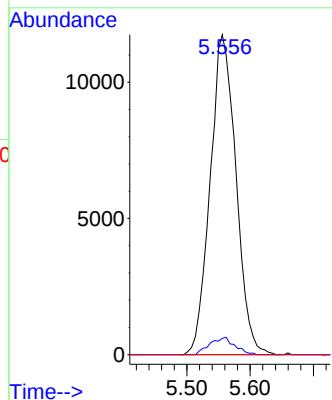


#38
Carbon Tetrachloride
Concen: 5.915 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX027529.D
Acq: 18 Mar 2022 15:43

Instrument :
MSVOA_X
ClientSampleId :

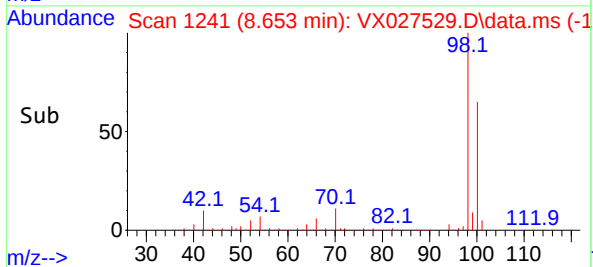
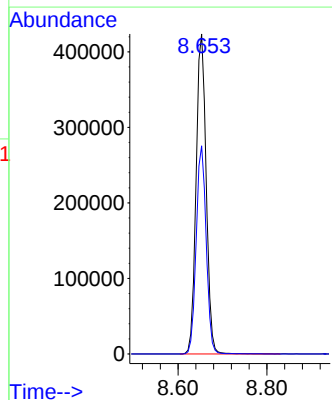
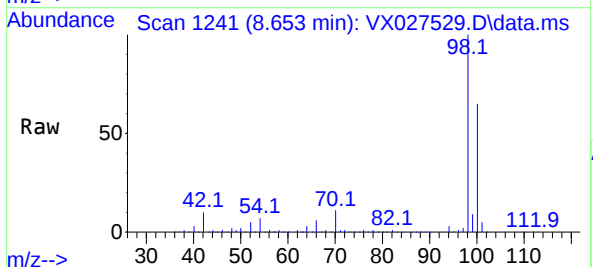


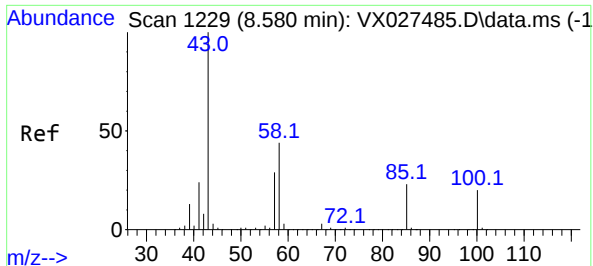
Tgt Ion:117 Resp: 33284
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.700 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027529.D
Acq: 18 Mar 2022 15:43

Tgt Ion: 98 Resp: 663305
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

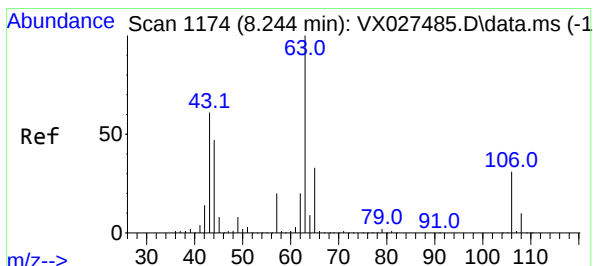
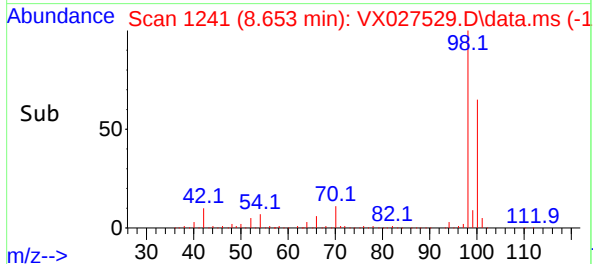
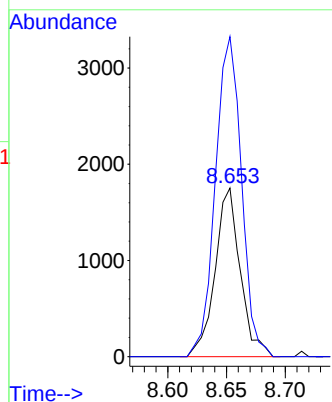
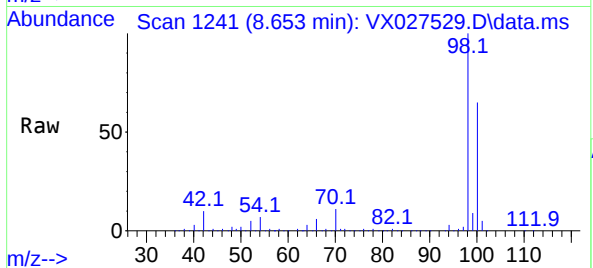




#51
4-Methyl-2-Pentanone
Concen: 0.520 ug/l
RT: 8.653 min Scan# 1169
Delta R.T. 0.073 min
Lab File: VX027529.D
Acq: 18 Mar 2022 15:43

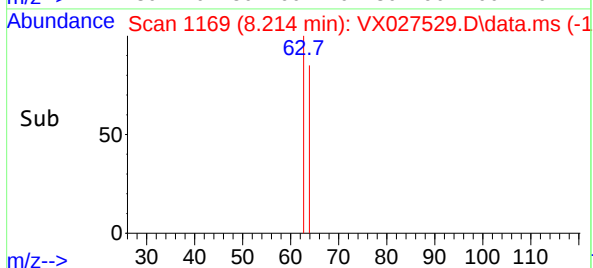
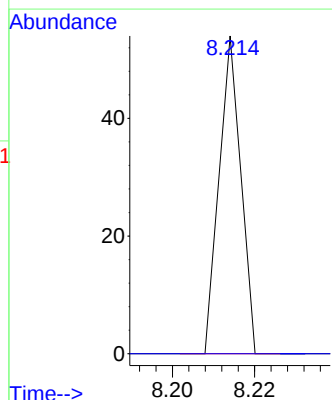
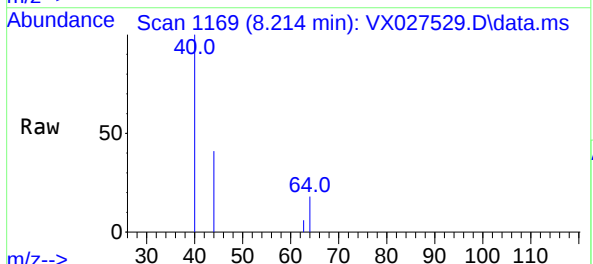
Instrument :
MSVOA_X
ClientSampleId :

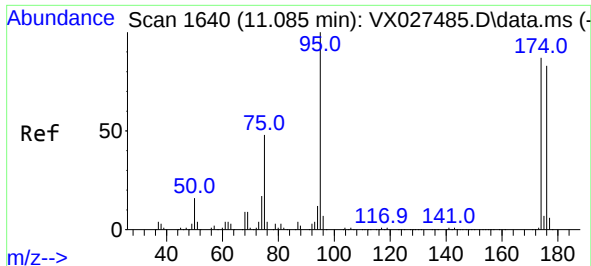
Tgt Ion: 43 Resp: 2616
Ion Ratio Lower Upper
43 100
58 196.7 36.1 54.1#



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 8.214 min Scan# 1169
Delta R.T. -0.030 min
Lab File: VX027529.D
Acq: 18 Mar 2022 15:43

Tgt Ion: 63 Resp: 20
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

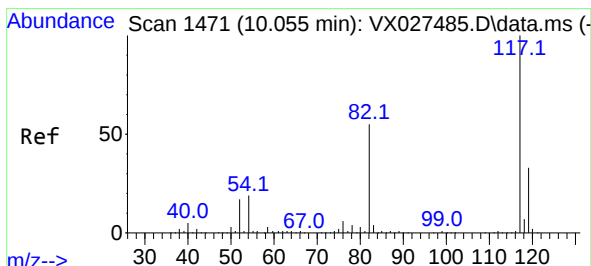
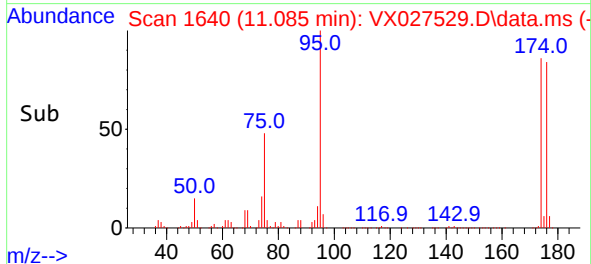
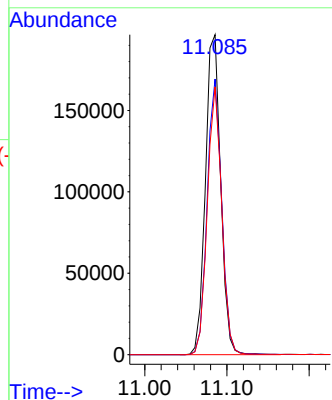
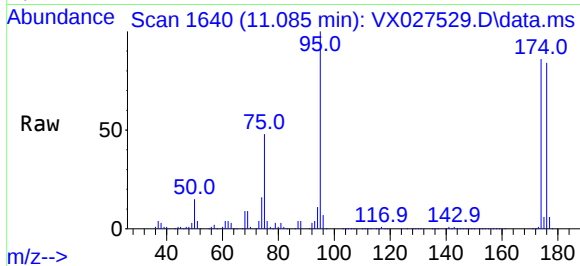




#62
4-Bromofluorobenzene
Concen: 50.607 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027529.D
Acq: 18 Mar 2022 15:43

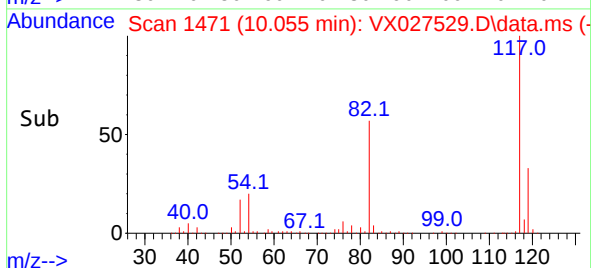
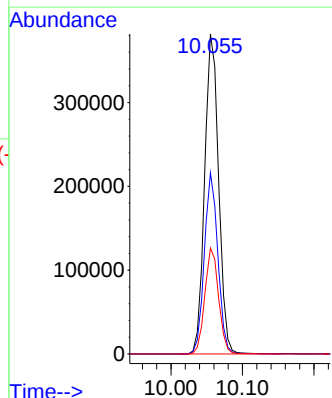
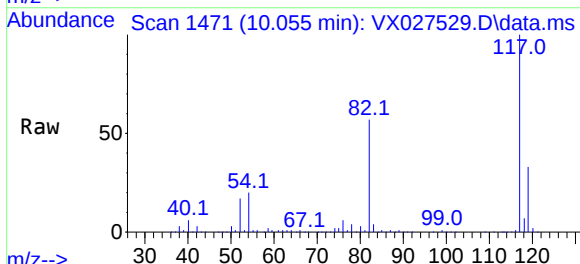
Instrument :
MSVOA_X
ClientSampleId :

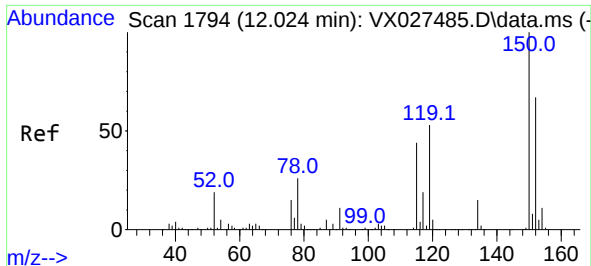
Tgt Ion: 95 Resp: 253347
Ion Ratio Lower Upper
95 100
174 82.3 0.0 163.0
176 79.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027529.D
Acq: 18 Mar 2022 15:43

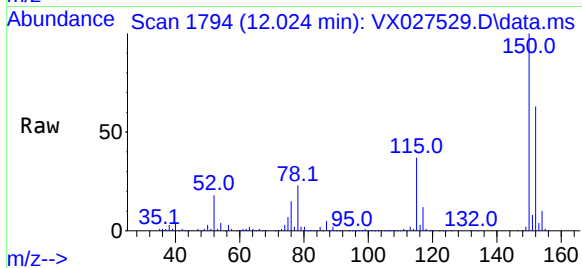
Tgt Ion: 117 Resp: 518917
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 33.1 24.8 37.2



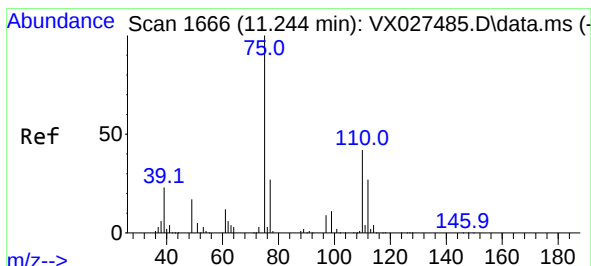
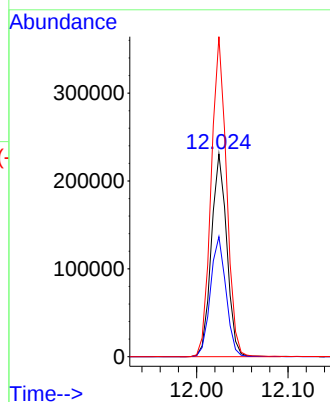
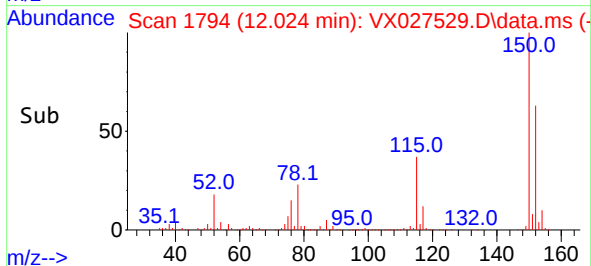


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027529.D
Acq: 18 Mar 2022 15:43

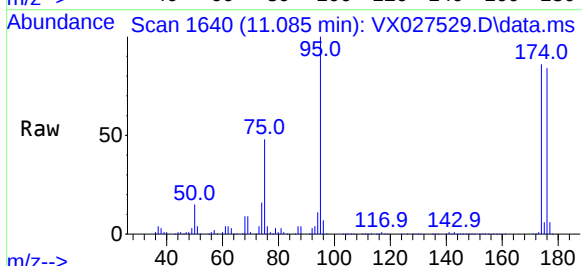
Instrument :
MSVOA_X
ClientSampleId :



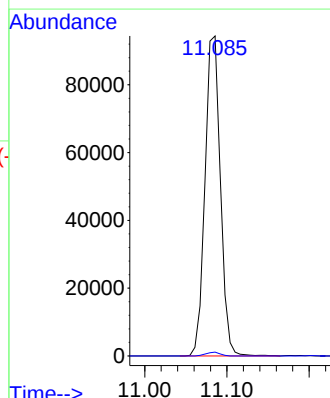
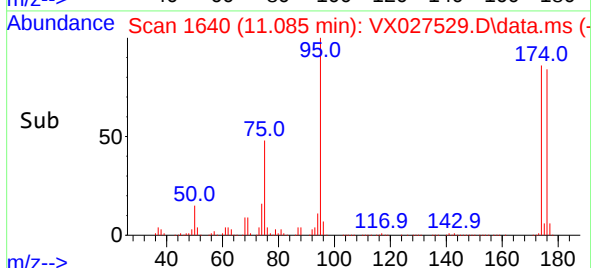
Tgt Ion:152 Resp: 270236
Ion Ratio Lower Upper
152 100
115 59.5 37.5 112.7
150 156.9 0.0 338.2

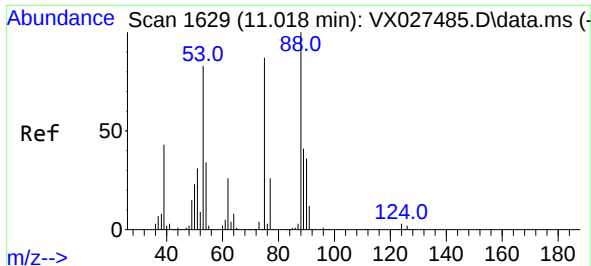


#76
1,2,3-Trichloropropane
Concen: 21.732 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027529.D
Acq: 18 Mar 2022 15:43



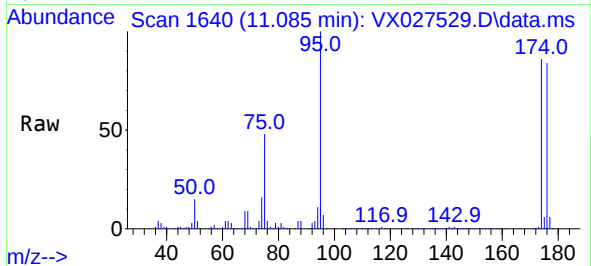
Tgt Ion: 75 Resp: 122841
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.002 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX027529.D
 Acq: 18 Mar 2022 15:43

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 122841
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

