

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025429.D
 Acq On : 02 Dec 2021 15:32
 Operator : JC/MD
 Sample : PB141130ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 03 03:07:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

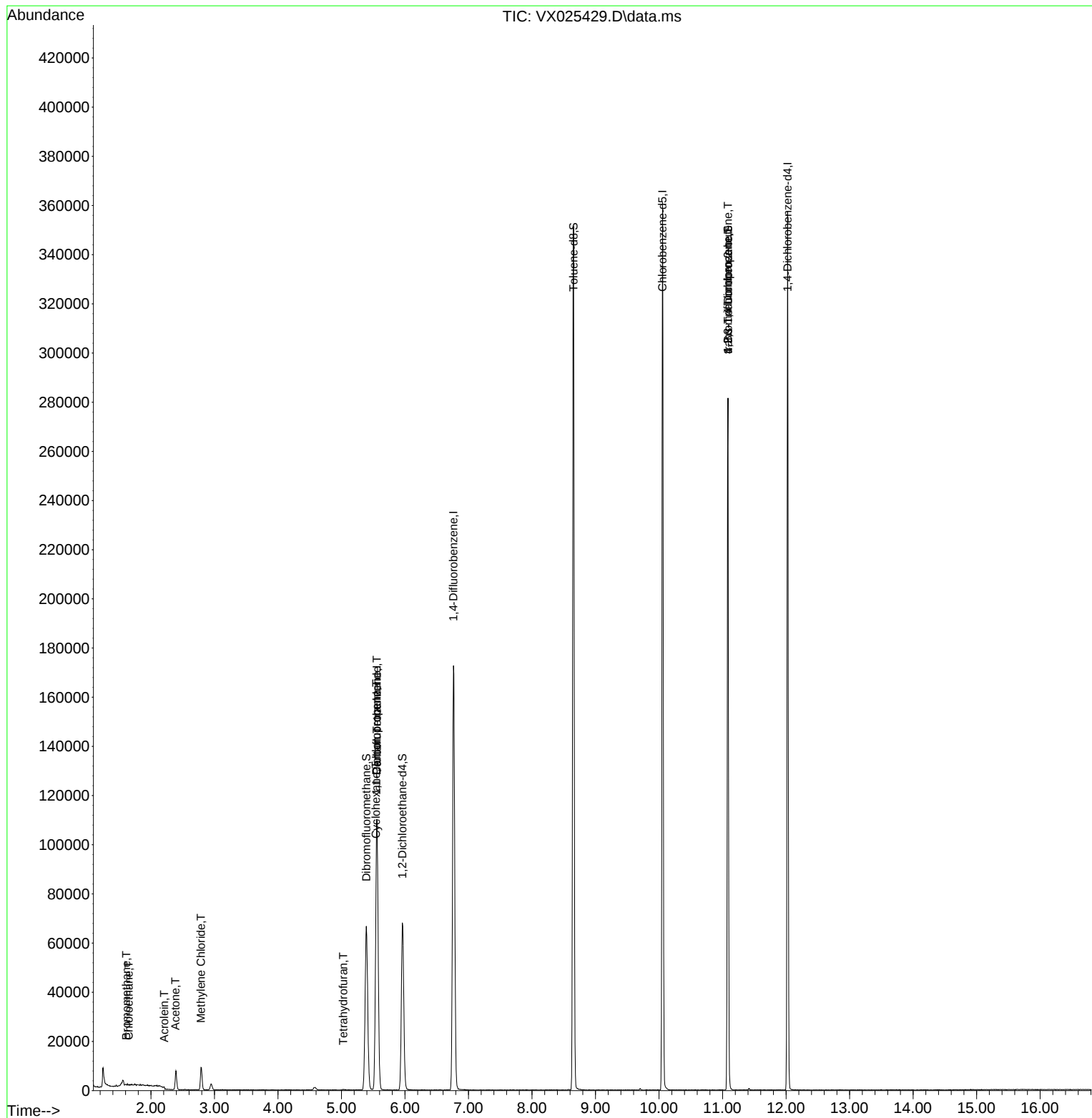
Internal Standards						
1) Pentafluorobenzene	5.556	168	110633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185736	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64074	54.945	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.900%	
35) Dibromofluoromethane	5.391	113	57348	50.322	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.640%	
50) Toluene-d8	8.653	98	213321	49.786	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.580%	
62) 4-Bromofluorobenzene	11.085	95	74247	45.804	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.600%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	166	0.296	ug/l #	62
6) Chloroethane	1.648	64	244	0.271	ug/l #	43
11) Tert butyl alcohol	2.947	59	1559	Below Cal	#	72
13) Acrolein	2.209	56	20	0.374	ug/l #	13
16) Acetone	2.386	43	1245	1.921	ug/l	93
20) Methylene Chloride	2.788	84	4227	3.470	ug/l	93
29) Tetrahydrofuran	5.025	42	286	0.493	ug/l #	32
31) Cyclohexane	5.544	56	2172	1.205	ug/l #	45
36) 1,1-Dichloropropene	5.550	75	7578	4.676	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10255	5.746	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	36472	24.182	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	36472	60.919	ug/l #	9
95) Naphthalene	13.786	128	26	Below Cal	#	69

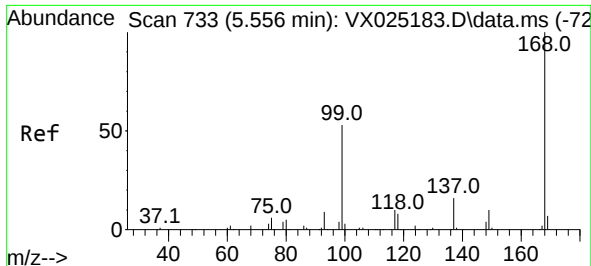
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 03 03:07:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration

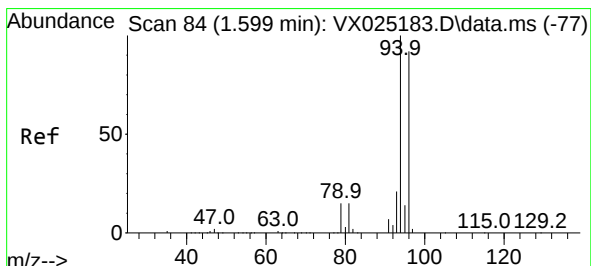
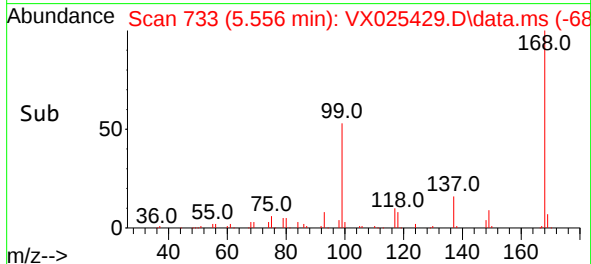
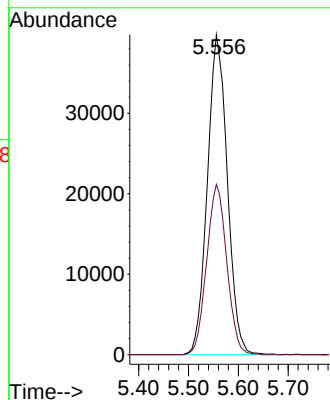
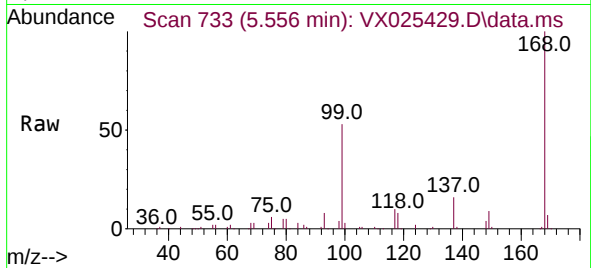




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025429.D
Acq: 02 Dec 2021 15:32

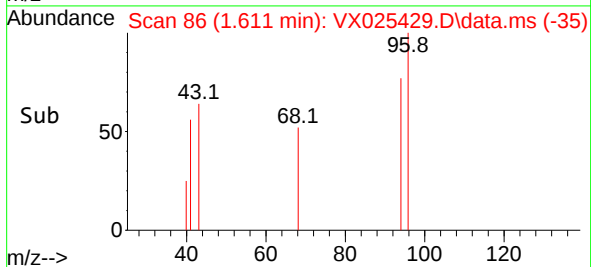
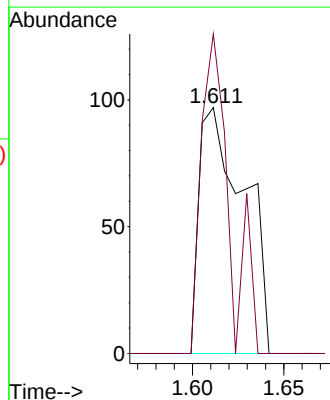
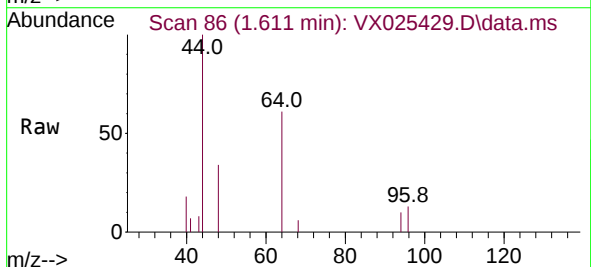
Instrument :
MSVOA_X
ClientSampleId :

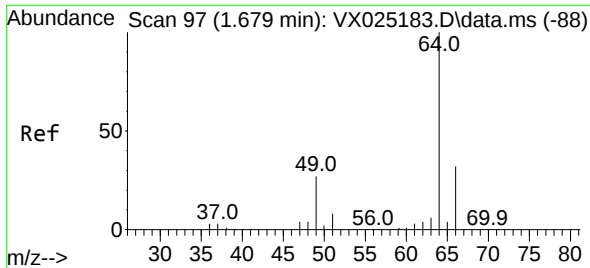
Tgt Ion:168 Resp: 110633
Ion Ratio Lower Upper
168 100
99 53.2 46.4 69.6



#5
Bromomethane
Concen: 0.296 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025429.D
Acq: 02 Dec 2021 15:32

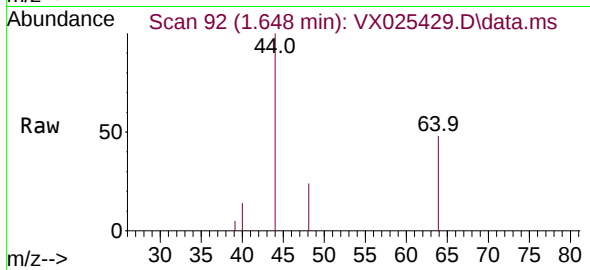
Tgt Ion: 94 Resp: 166
Ion Ratio Lower Upper
94 100
96 129.9 74.8 112.2#



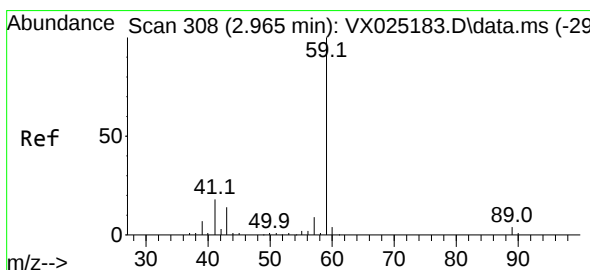
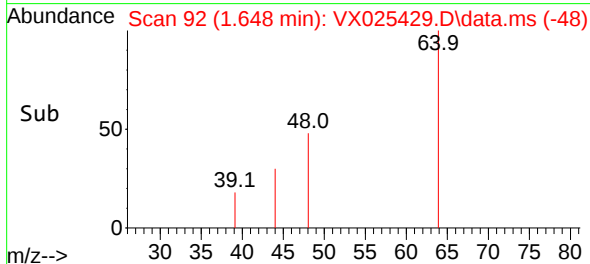
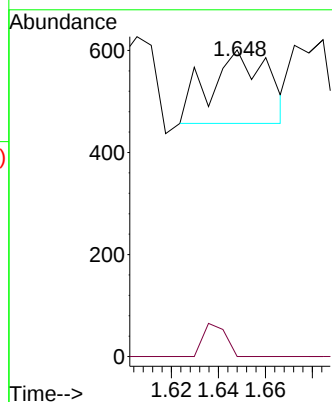


#6
Chloroethane
Concen: 0.271 ug/l
RT: 1.648 min Scan# 91
Delta R.T. -0.031 min
Lab File: VX025429.D
Acq: 02 Dec 2021 15:32

Instrument :
MSVOA_X
ClientSampleId :

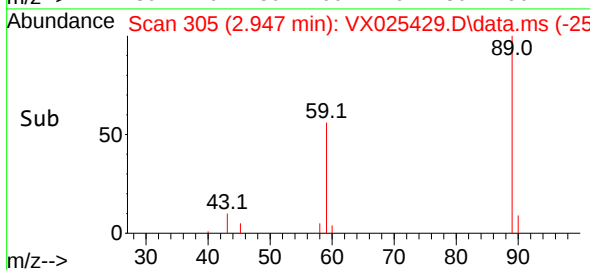
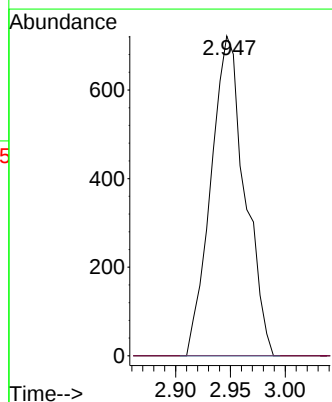
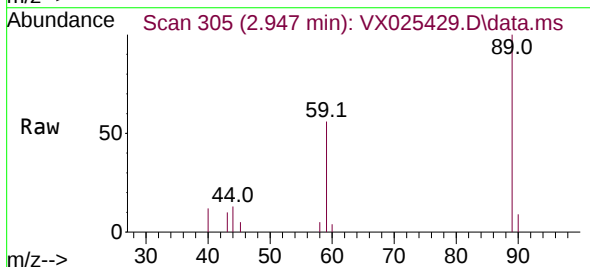


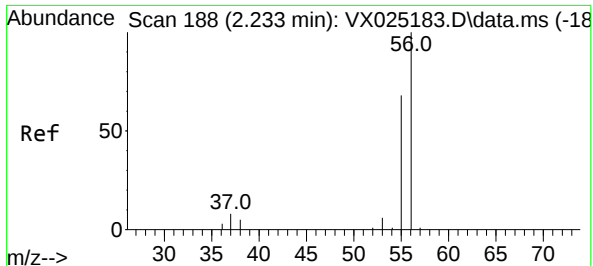
Tgt Ion: 64 Resp: 244
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX025429.D
Acq: 02 Dec 2021 15:32

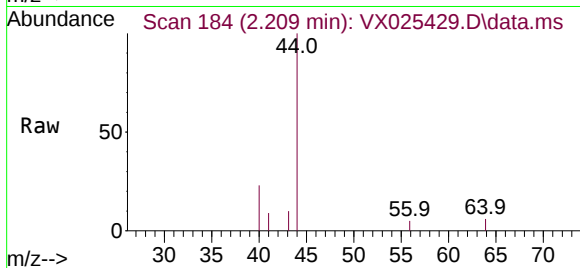
Tgt Ion: 59 Resp: 1559
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



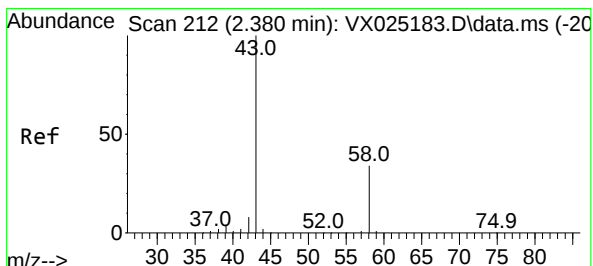
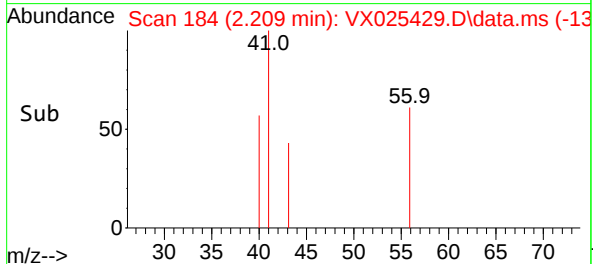
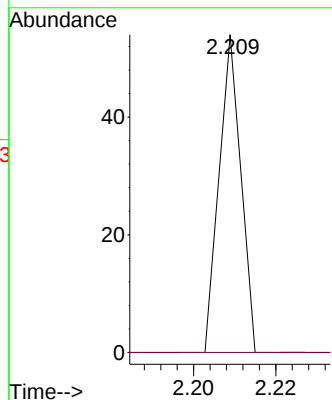


#13
Acrolein
Concen: 0.374 ug/l
RT: 2.209 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX025429.D
Acq: 02 Dec 2021 15:32

Instrument :
MSVOA_X
ClientSampleId :

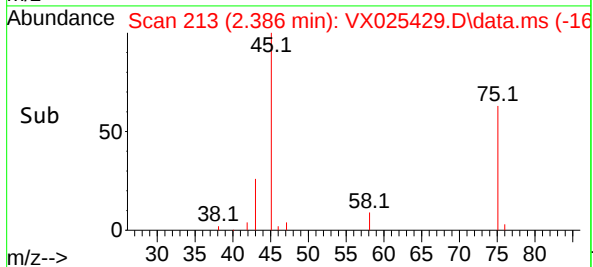
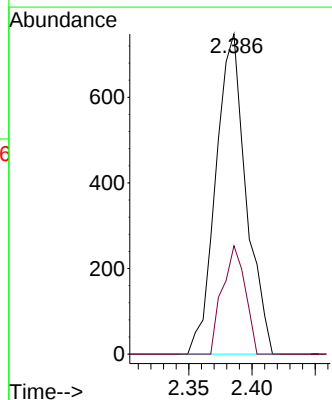
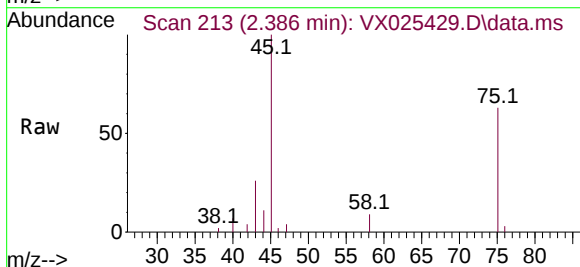


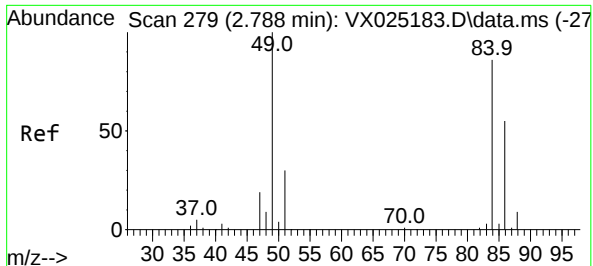
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 58.6 87.8#



#16
Acetone
Concen: 1.921 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX025429.D
Acq: 02 Dec 2021 15:32

Tgt Ion: 43 Resp: 1245
Ion Ratio Lower Upper
43 100
58 33.8 24.0 36.0





#20

Methylene Chloride

Concen: 3.470 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

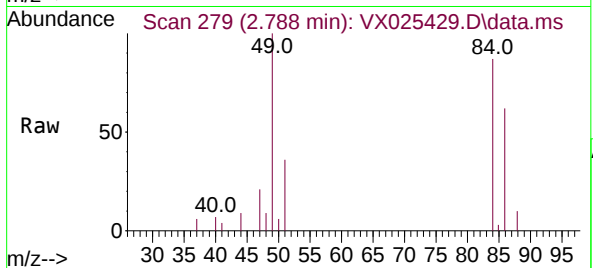
Lab File: VX025429.D

Acq: 02 Dec 2021 15:32

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 4227

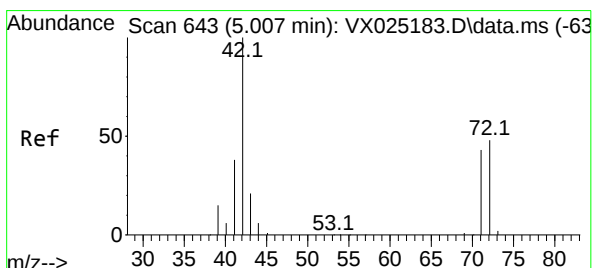
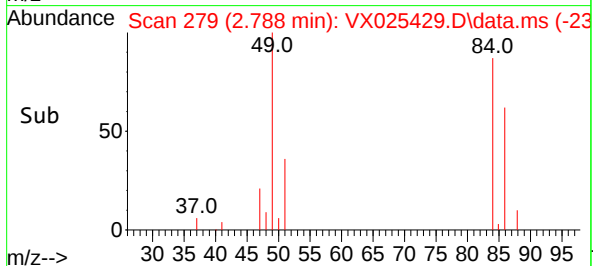
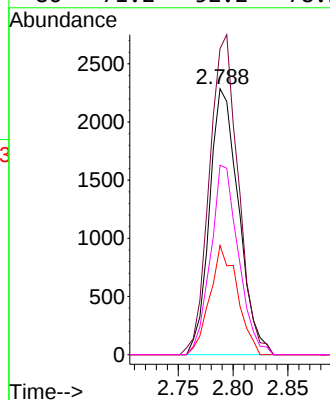
Ion Ratio Lower Upper

84 100

49 115.1 98.2 147.2

51 41.0 30.2 45.4

86 71.2 52.2 78.2



#29

Tetrahydrofuran

Concen: 0.493 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.018 min

Lab File: VX025429.D

Acq: 02 Dec 2021 15:32

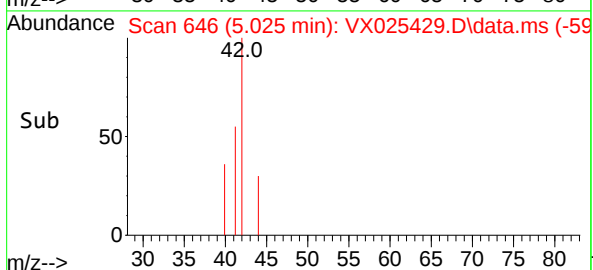
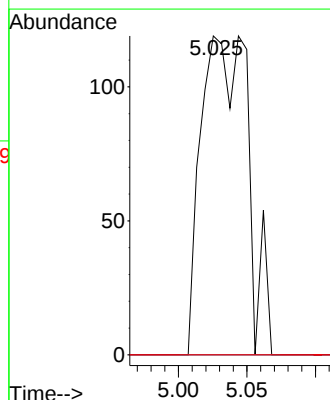
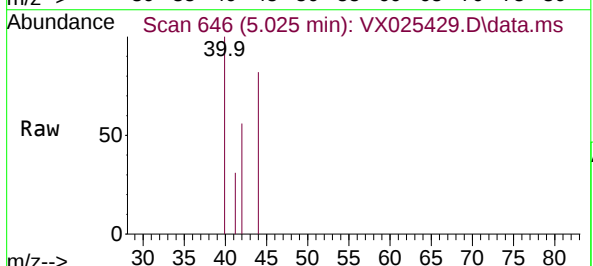
Tgt Ion: 42 Resp: 286

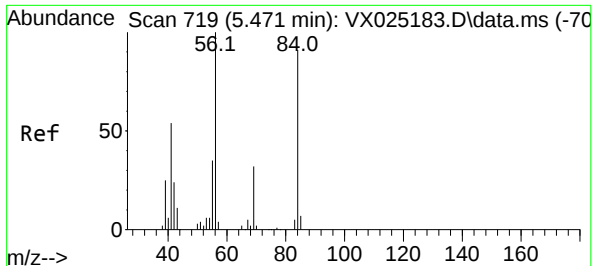
Ion Ratio Lower Upper

42 100

72 0.0 36.1 54.1#

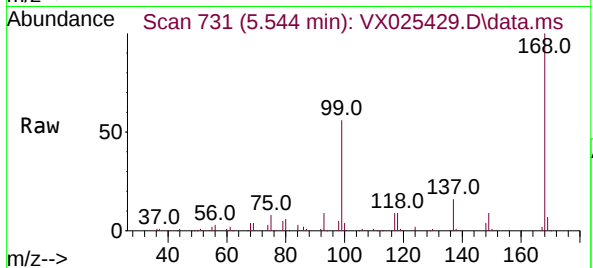
71 0.0 33.7 50.5#



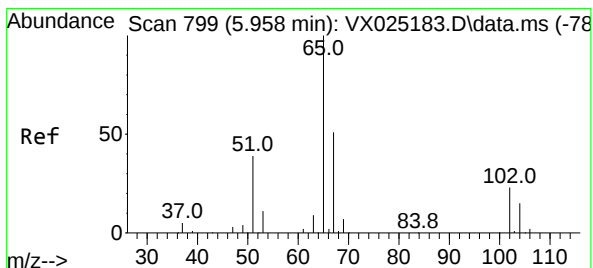
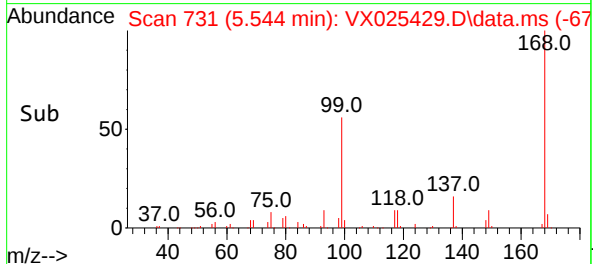
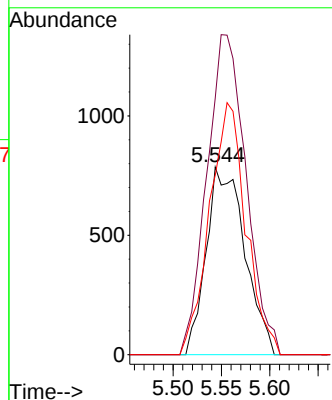


#31
Cyclohexane
Concen: 1.205 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX025429.D
Acq: 02 Dec 2021 15:32

Instrument :
MSVOA_X
ClientSampleId :

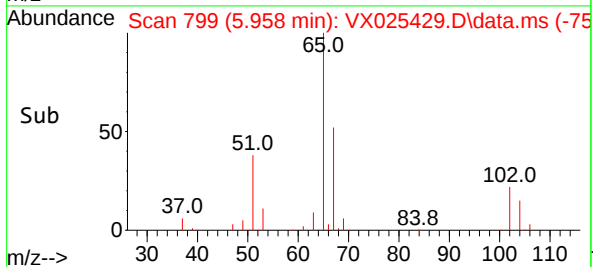
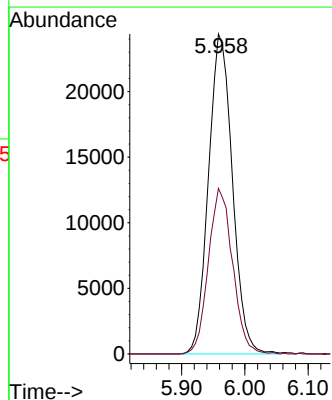
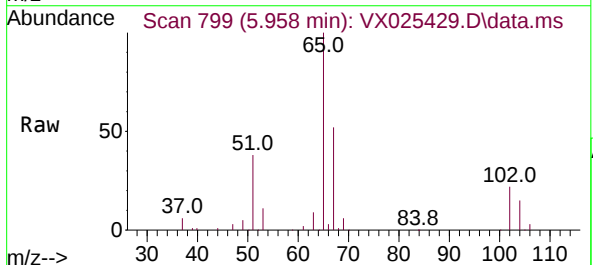


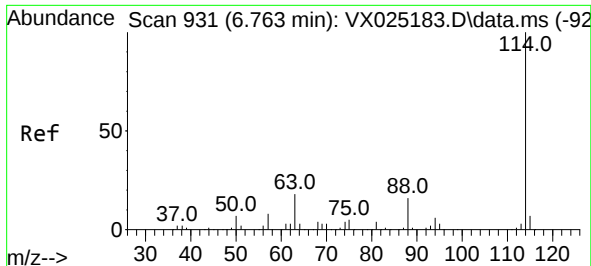
Tgt Ion: 56 Resp: 2172
Ion Ratio Lower Upper
56 100
69 136.8 24.2 36.2#
84 95.7 71.5 107.3



#33
1,2-Dichloroethane-d4
Concen: 54.945 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025429.D
Acq: 02 Dec 2021 15:32

Tgt Ion: 65 Resp: 64074
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.0

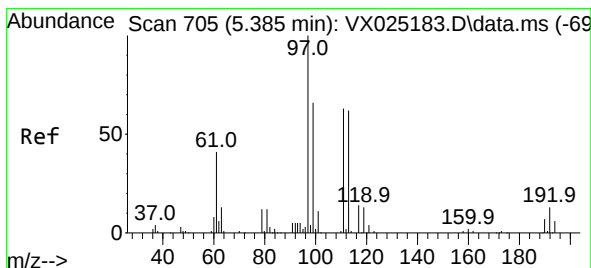
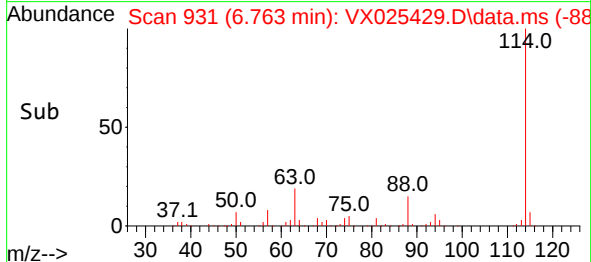
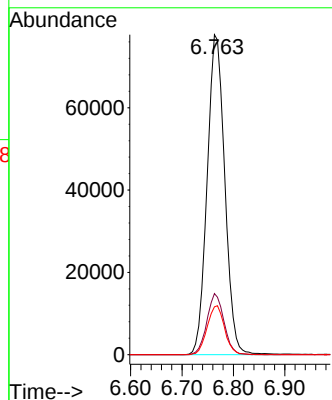
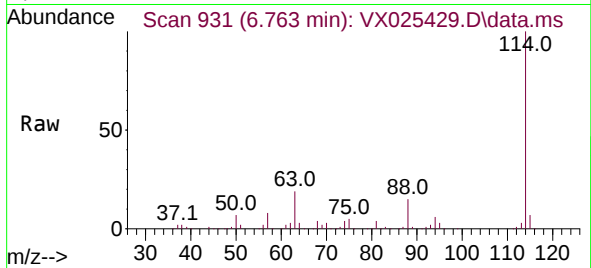




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025429.D
Acq: 02 Dec 2021 15:32

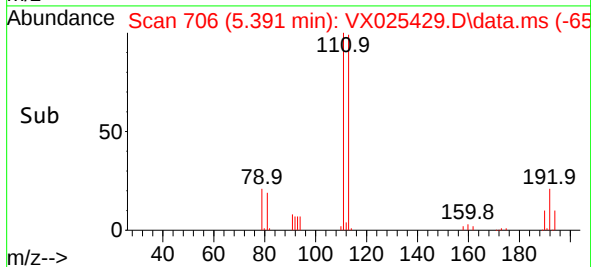
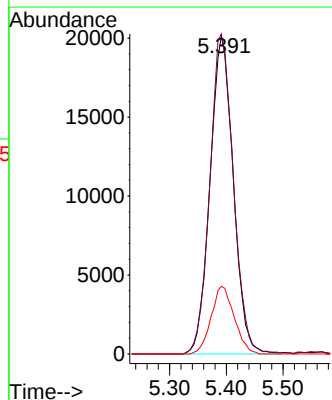
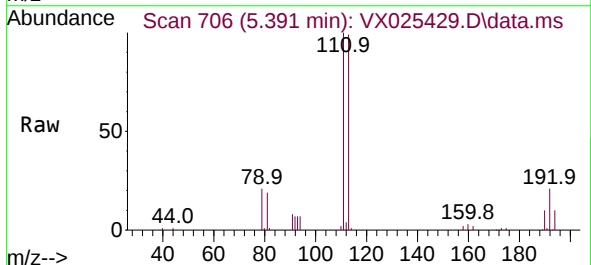
Instrument :
MSVOA_X
ClientSampleId :

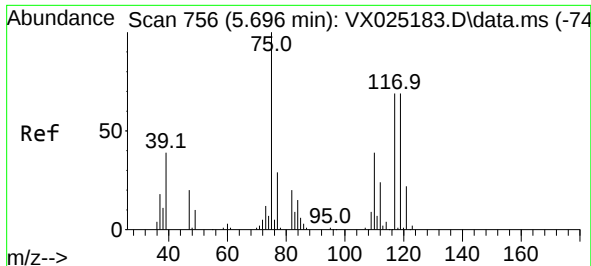
Tgt Ion:114 Resp: 185736
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.0
88 14.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.322 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025429.D
Acq: 02 Dec 2021 15:32

Tgt Ion:113 Resp: 57348
Ion Ratio Lower Upper
113 100
111 101.7 82.1 123.1
192 21.0 15.6 23.4





#36

1,1-Dichloropropene

Concen: 4.676 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX025429.D

Acq: 02 Dec 2021 15:32

Instrument :

MSVOA_X

ClientSampleId :

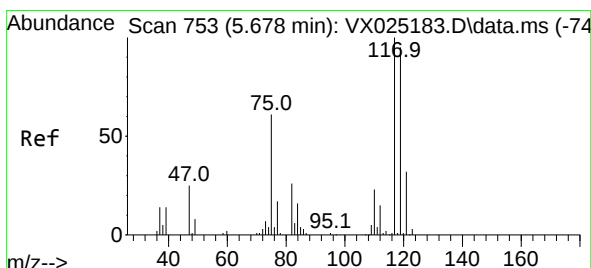
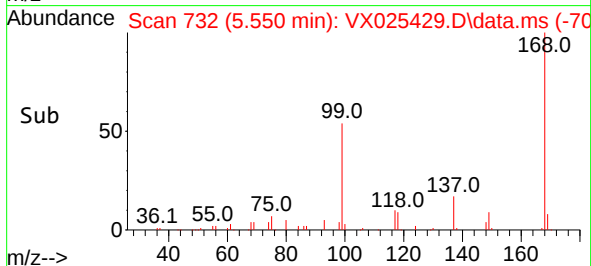
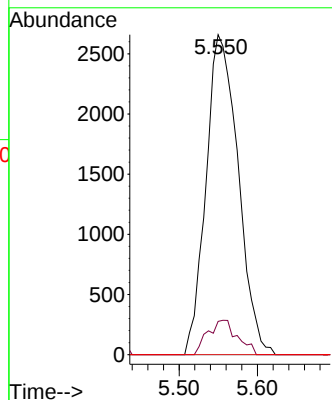
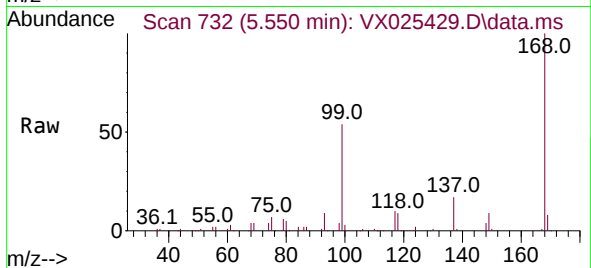
Tgt Ion: 75 Resp: 7578

Ion Ratio Lower Upper

75 100

110 9.9 18.1 54.3#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.746 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX025429.D

Acq: 02 Dec 2021 15:32

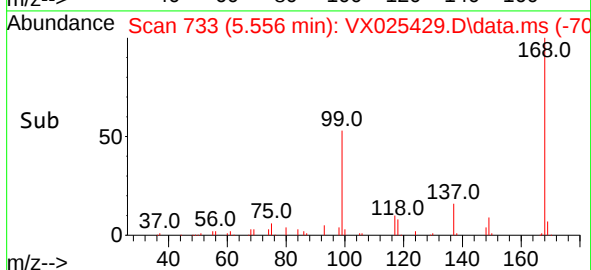
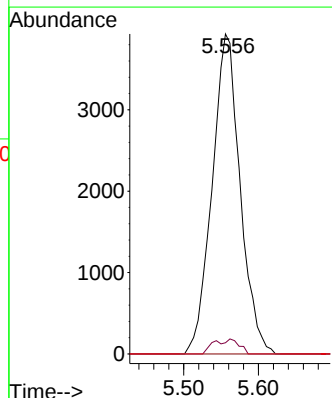
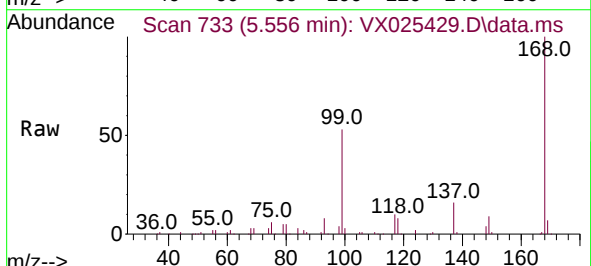
Tgt Ion: 117 Resp: 10255

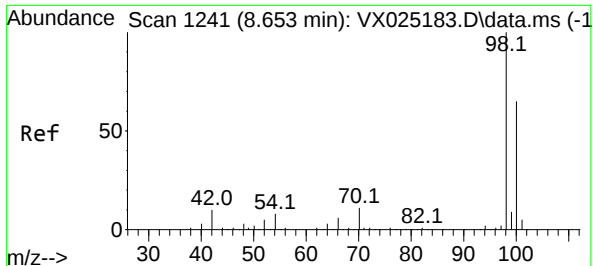
Ion Ratio Lower Upper

117 100

119 3.5 75.6 113.4#

121 0.0 23.7 35.5#

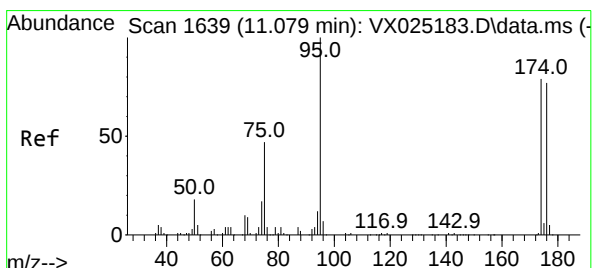
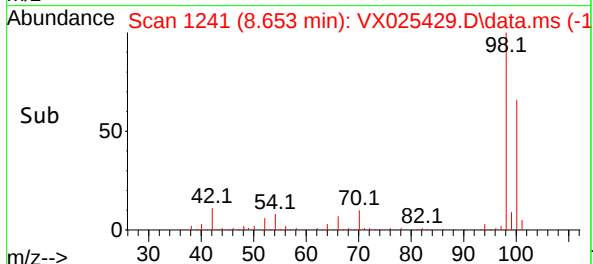
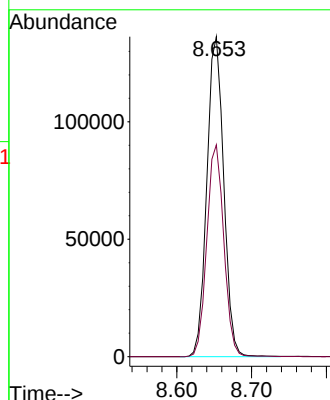
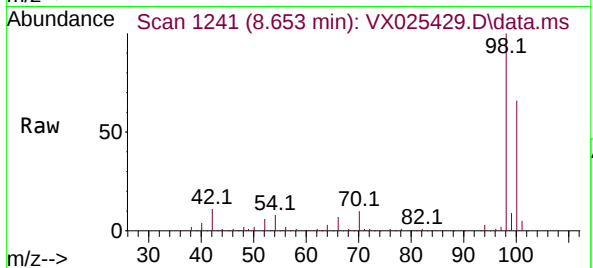




#50
Toluene-d8
Concen: 49.786 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025429.D
Acq: 02 Dec 2021 15:32

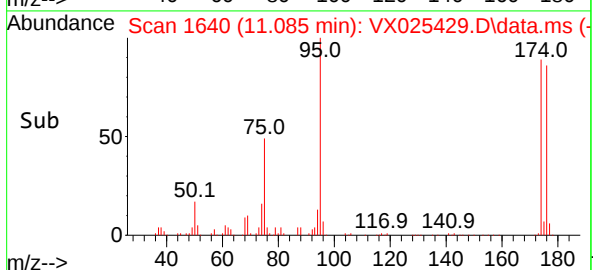
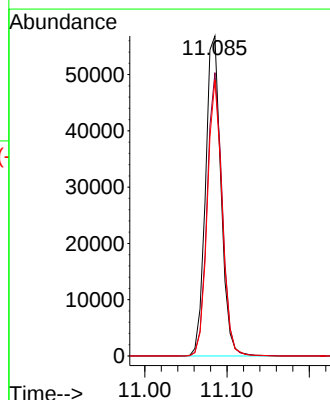
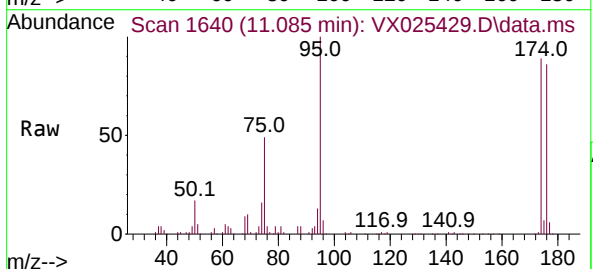
Instrument :
MSVOA_X
ClientSampleId :

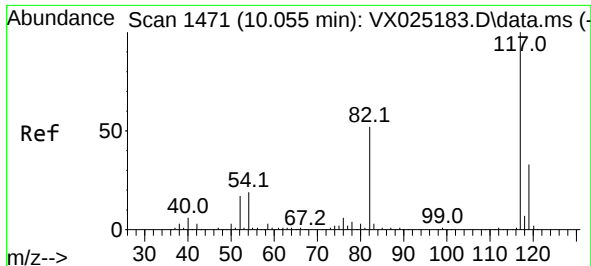
Tgt Ion: 98 Resp: 213321
Ion Ratio Lower Upper
98 100
100 66.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.804 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025429.D
Acq: 02 Dec 2021 15:32

Tgt Ion: 95 Resp: 74247
Ion Ratio Lower Upper
95 100
174 86.3 0.0 158.0
176 82.9 0.0 153.6

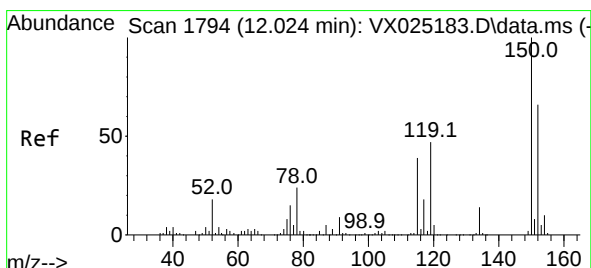
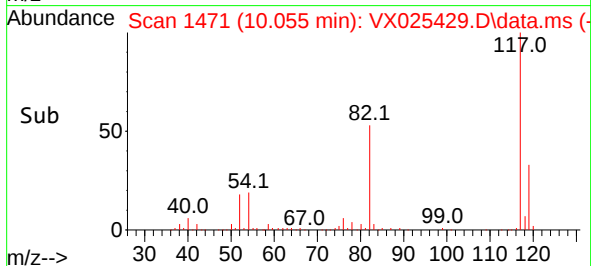
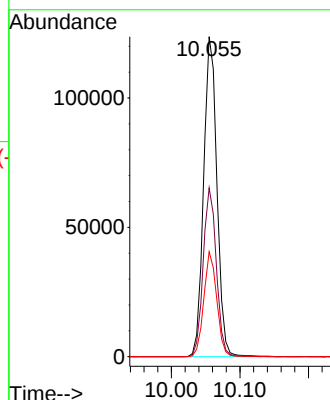
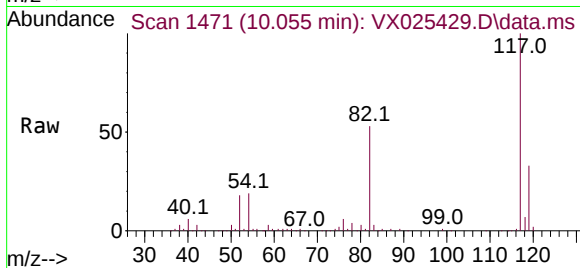




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025429.D
Acq: 02 Dec 2021 15:32

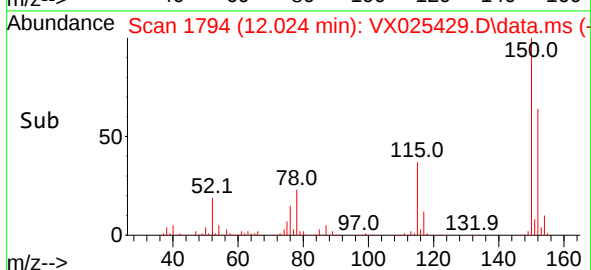
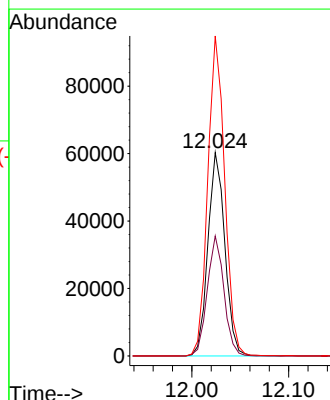
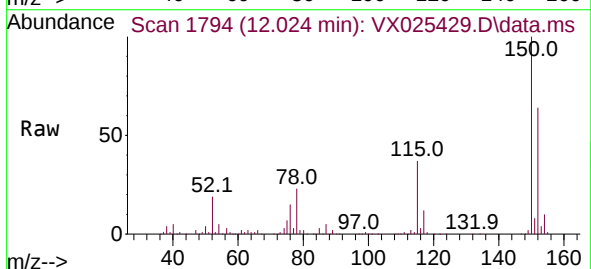
Instrument :
MSVOA_X
ClientSampleId :

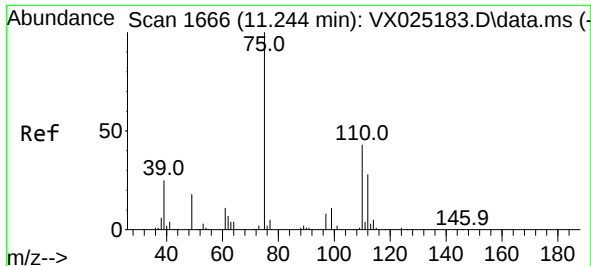
Tgt Ion:117 Resp: 167471
Ion Ratio Lower Upper
117 100
82 52.8 44.6 67.0
119 32.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025429.D
Acq: 02 Dec 2021 15:32

Tgt Ion:152 Resp: 73651
Ion Ratio Lower Upper
152 100
115 58.0 43.3 129.8
150 156.8 0.0 351.2

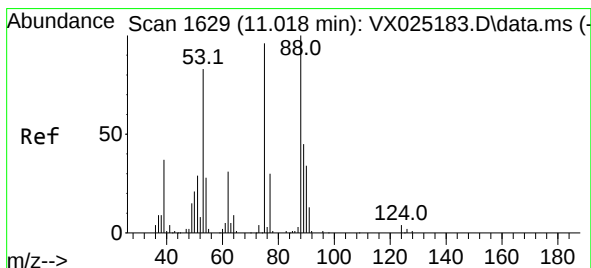
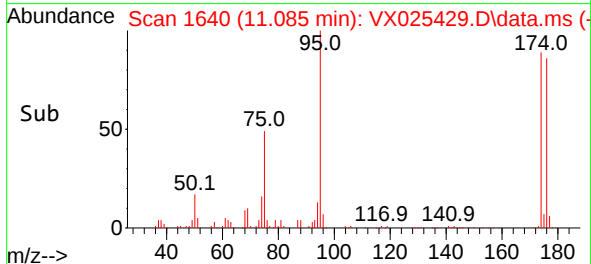
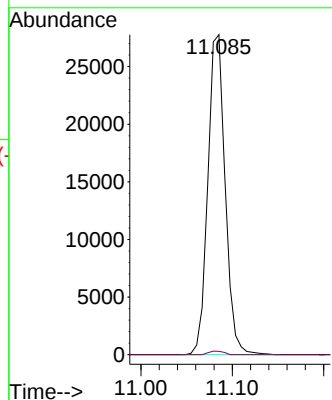
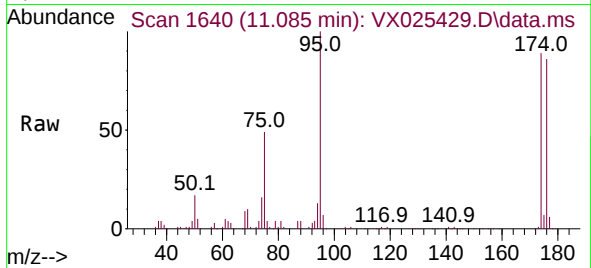




#76
1,2,3-Trichloropropane
Concen: 24.182 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.159 min
Lab File: VX025429.D
Acq: 02 Dec 2021 15:32

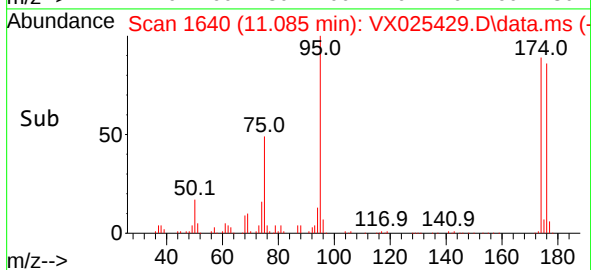
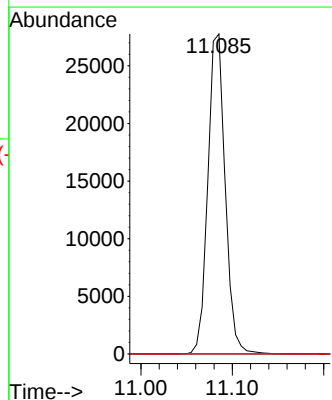
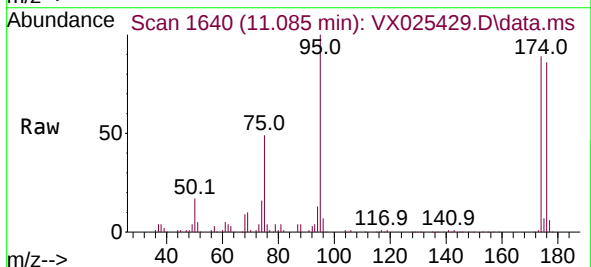
Instrument :
MSVOA_X
ClientSampleId :

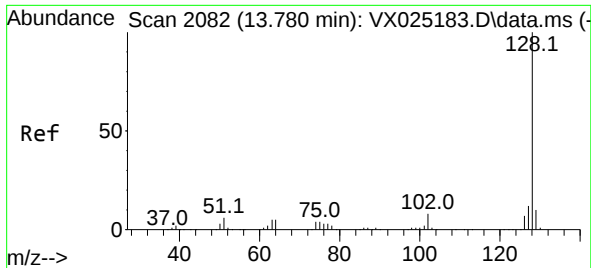
Tgt Ion: 75 Resp: 36472
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.919 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX025429.D
Acq: 02 Dec 2021 15:32

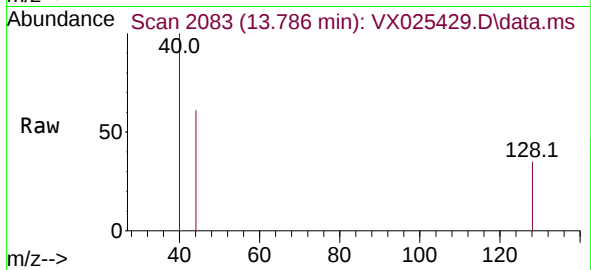
Tgt Ion: 75 Resp: 36472
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#





#95
Naphthalene
Concen: Below Cal
RT: 13.786 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX025429.D
Acq: 02 Dec 2021 15:32

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 26
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

