

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060822\
 Data File : VX029335.D
 Acq On : 08 Jun 2022 20:40
 Operator : JC/MD
 Sample : N3175-21 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 07:02:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

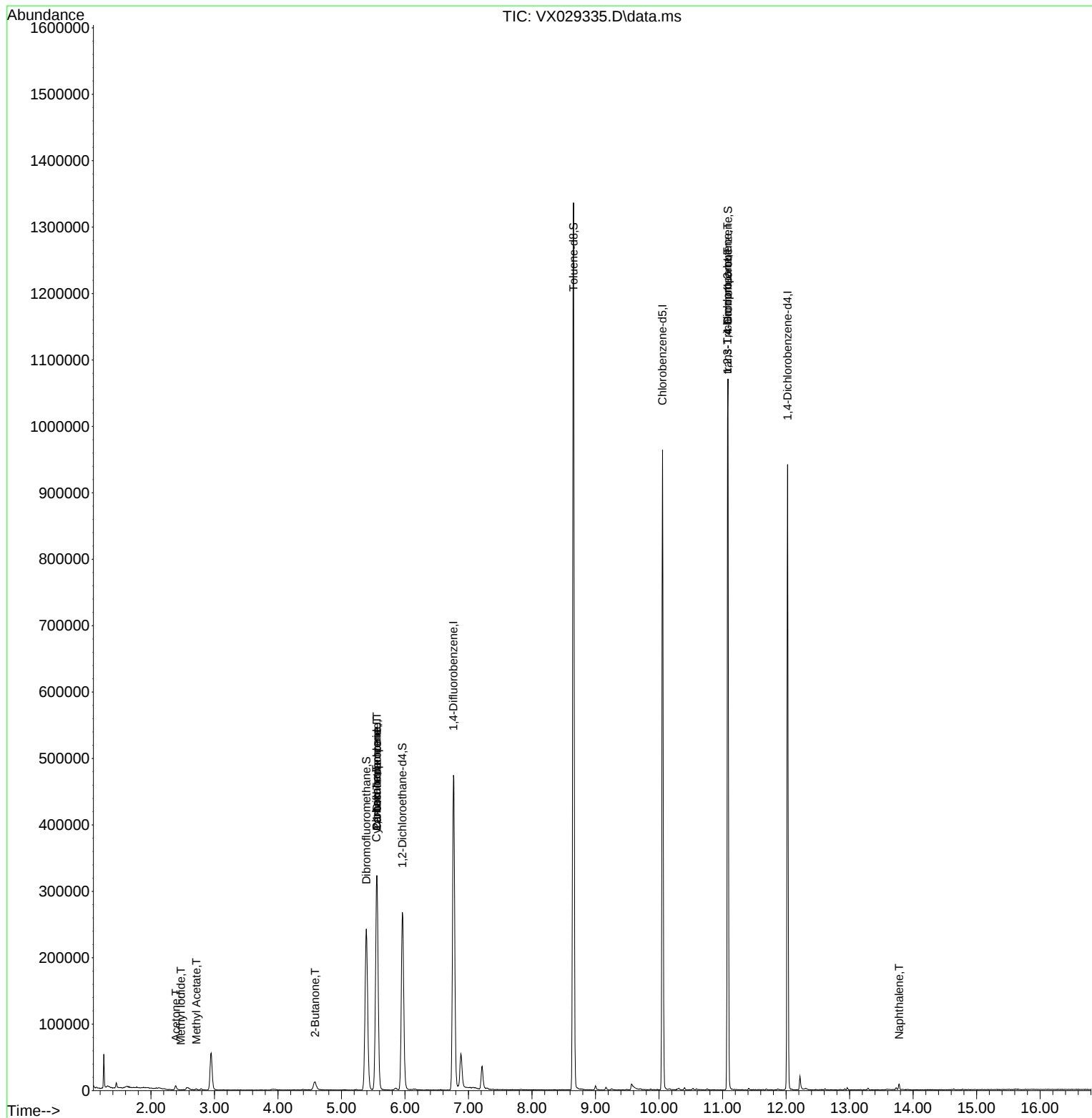
Internal Standards						
1) Pentafluorobenzene	5.556	168	297407	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	495773	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	432344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	186565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	264205	58.663	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 117.320%	
35) Dibromofluoromethane	5.391	113	213978	50.769	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.540%	
50) Toluene-d8	8.653	98	806432	54.099	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 108.200%	
62) 4-Bromofluorobenzene	11.085	95	300652	51.539	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 103.080%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	837	Below Cal	#	43
10) Methyl Iodide	2.471	142	229	1.275	ug/l #	51
11) Tert butyl alcohol	2.946	59	33362	Below Cal	#	76
16) Acetone	2.392	43	7388	3.071	ug/l	91
18) Methyl Acetate	2.715	43	2330	0.366	ug/l #	79
25) 2-Butanone	4.586	43	1810	0.476	ug/l #	88
31) Cyclohexane	5.550	56	6019	0.747	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23265	3.342	ug/l #	49
38) Carbon Tetrachloride	5.556	117	32774	4.606	ug/l #	15
41) Methacrylonitrile	4.995	41	44	Below Cal	#	18
76) 1,2,3-Trichloropropane	11.079	75	152507	34.998	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	152507	106.248	ug/l #	15
95) Naphthalene	13.780	128	6241	0.459	ug/l	98

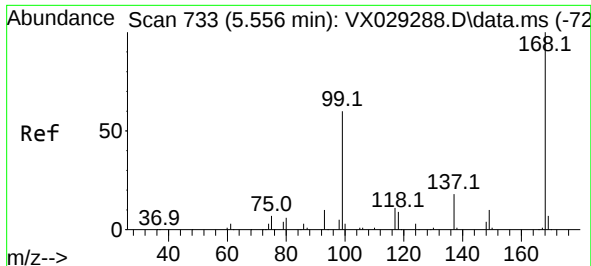
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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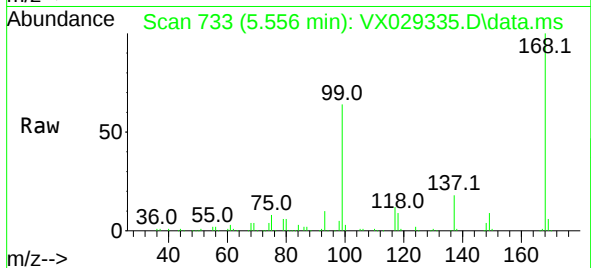
Quant Time: Jun 09 07:02:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 08 03:00:38 2022
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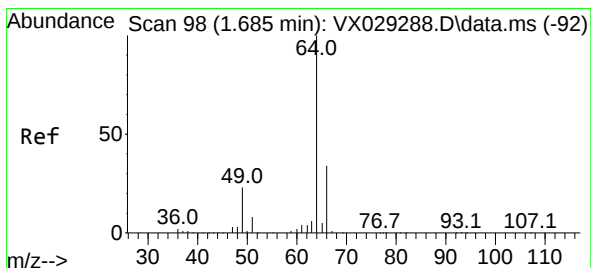
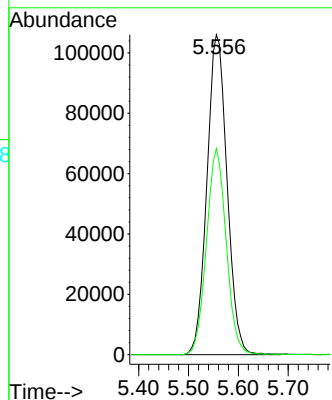
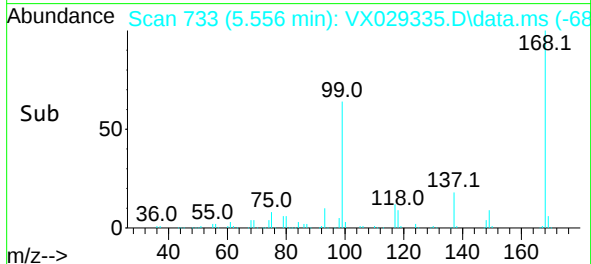


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029335.D
Acq: 08 Jun 2022 20:40

Instrument :
MSVOA_X
ClientSampleId :

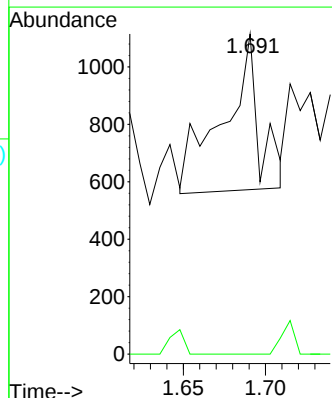
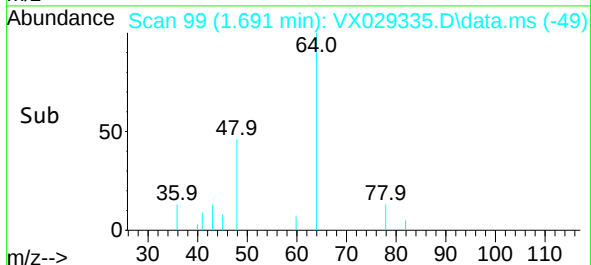
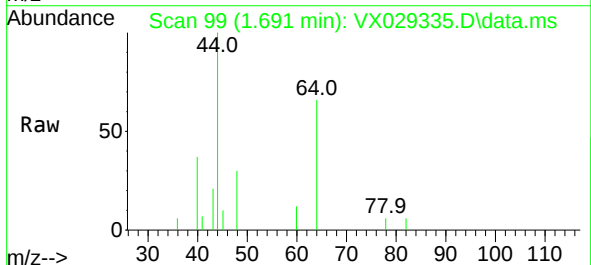


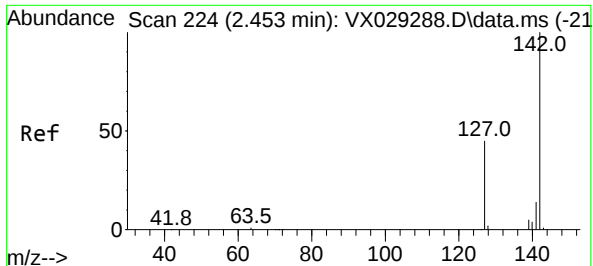
Tgt Ion:168 Resp: 297407
Ion Ratio Lower Upper
168 100
99 64.4 41.7 62.5#



#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX029335.D
Acq: 08 Jun 2022 20:40

Tgt Ion: 64 Resp: 837
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

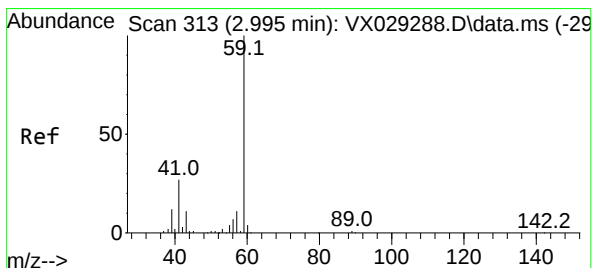
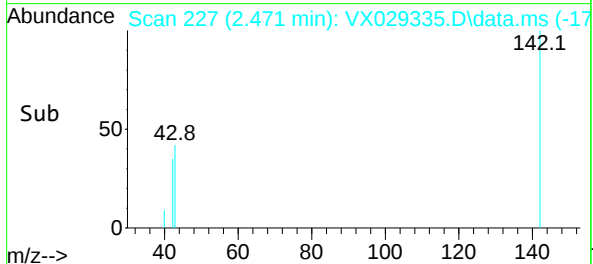
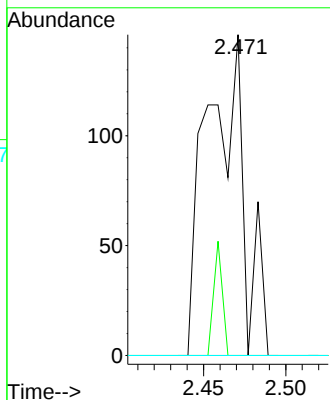
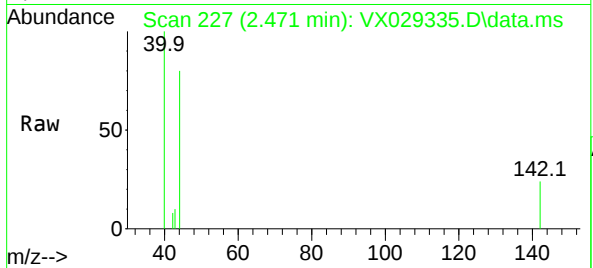




#10
Methyl Iodide
Concen: 1.275 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX029335.D
Acq: 08 Jun 2022 20:40

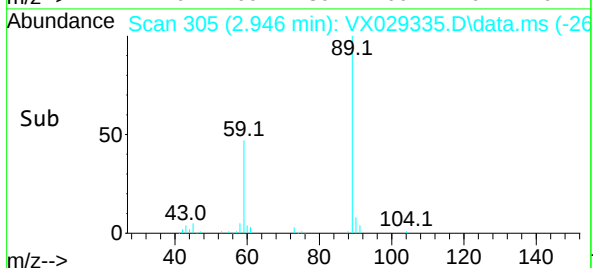
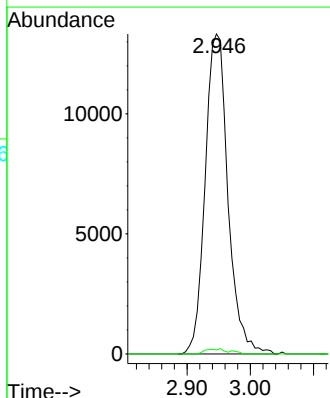
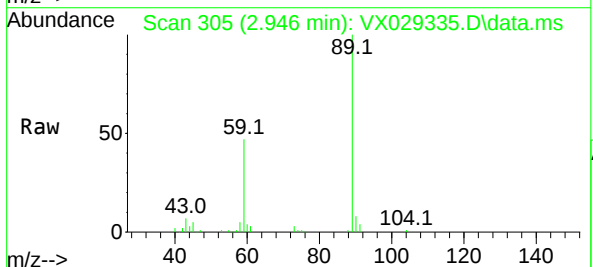
Instrument :
MSVOA_X
ClientSampleId :

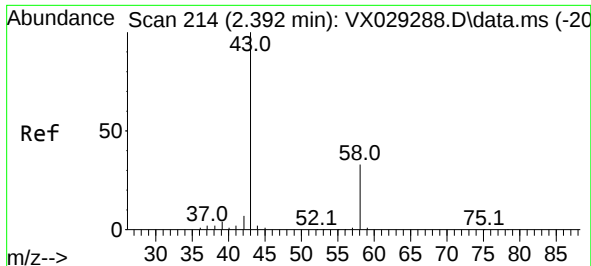
Tgt Ion:142 Resp: 229
Ion Ratio Lower Upper
142 100
127 8.3 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX029335.D
Acq: 08 Jun 2022 20:40

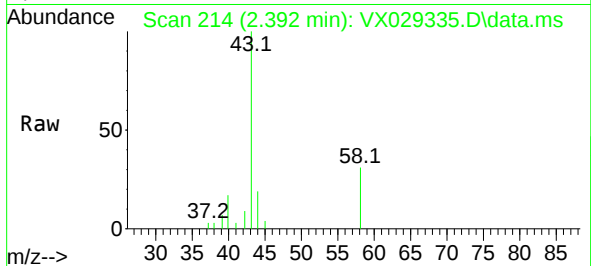
Tgt Ion: 59 Resp: 33362
Ion Ratio Lower Upper
59 100
57 1.3 8.3 12.5#



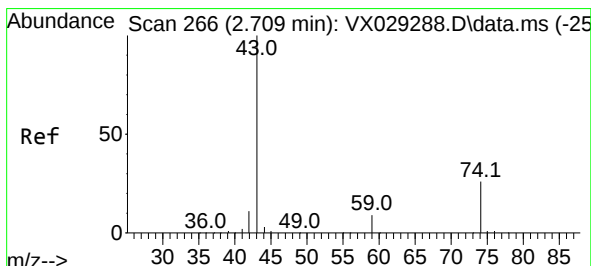
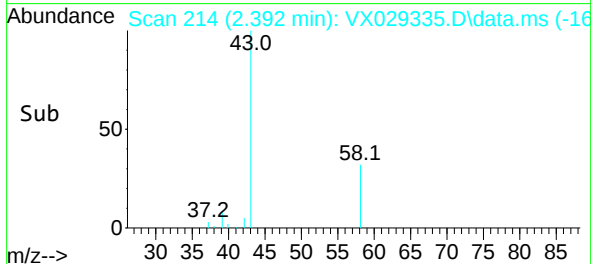
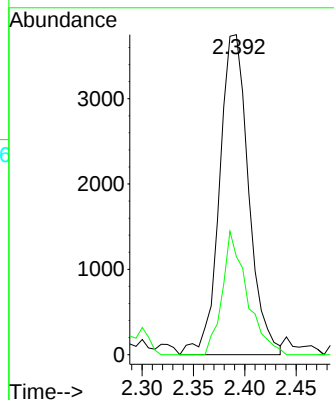


#16
Acetone
Concen: 3.071 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX029335.D
Acq: 08 Jun 2022 20:40

Instrument :
MSVOA_X
ClientSampleId :

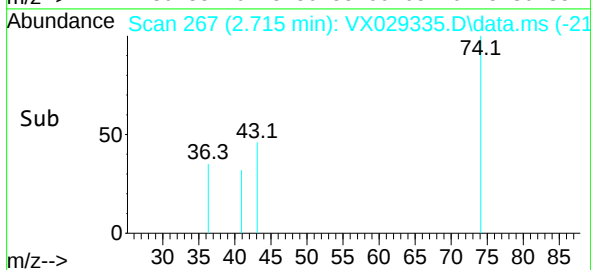
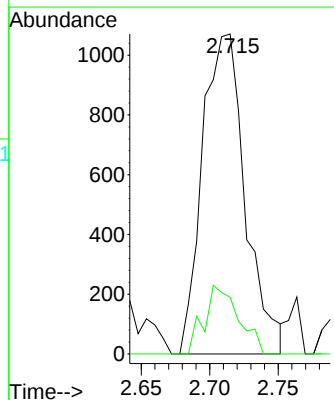
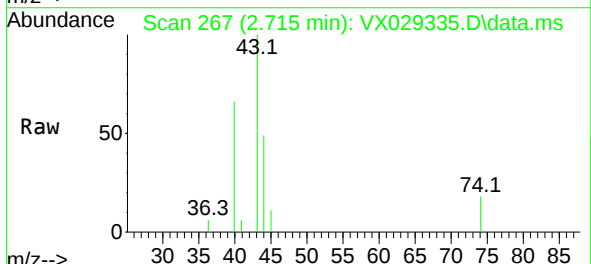


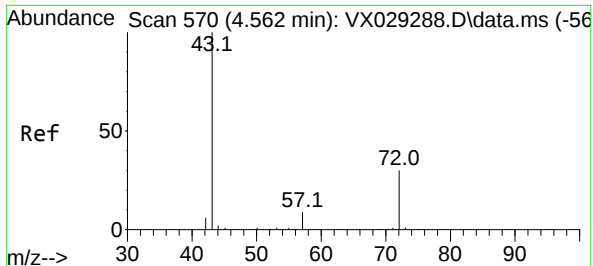
Tgt Ion: 43 Resp: 7388
Ion Ratio Lower Upper
43 100
58 30.6 28.8 43.2



#18
Methyl Acetate
Concen: 0.366 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX029335.D
Acq: 08 Jun 2022 20:40

Tgt Ion: 43 Resp: 2330
Ion Ratio Lower Upper
43 100
74 17.2 22.8 34.2#





#25

2-Butanone

Concen: 0.476 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX029335.D

Acq: 08 Jun 2022 20:40

Instrument :

MSVOA_X

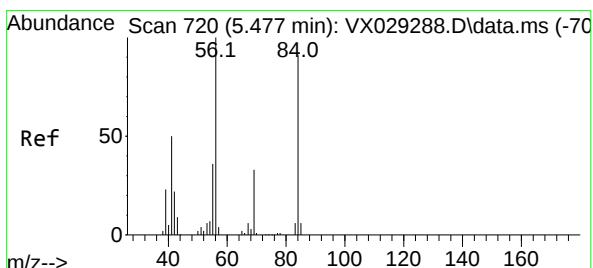
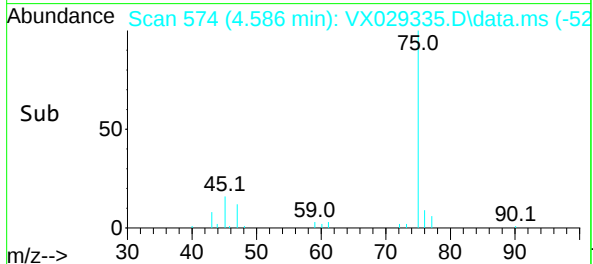
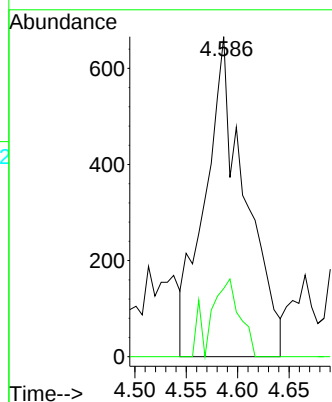
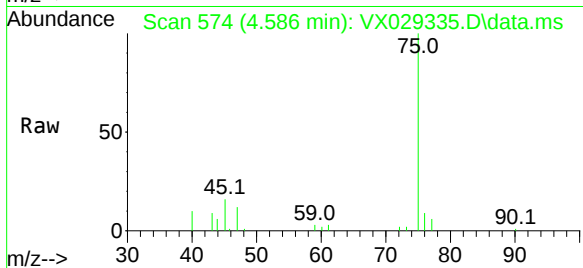
ClientSampleId :

Tgt Ion: 43 Resp: 1810

Ion Ratio Lower Upper

43 100

72 24.2 24.4 36.6#



#31

Cyclohexane

Concen: 0.747 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX029335.D

Acq: 08 Jun 2022 20:40

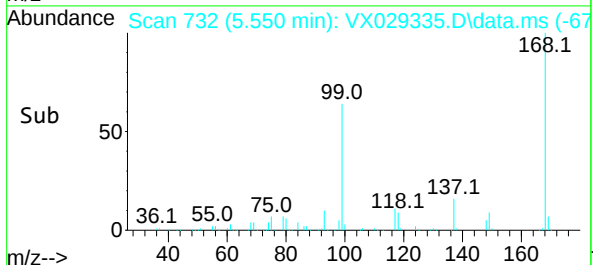
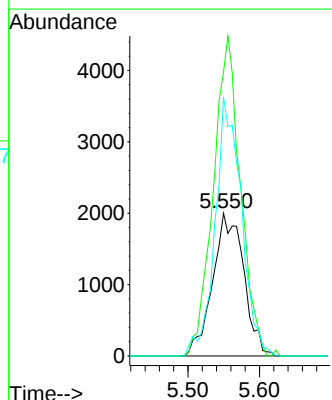
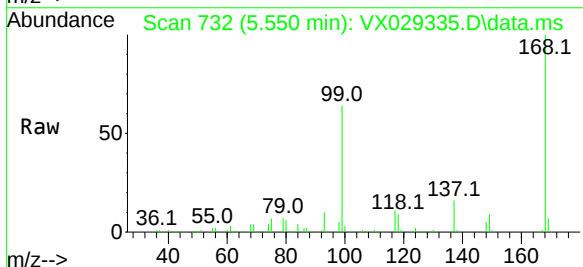
Tgt Ion: 56 Resp: 6019

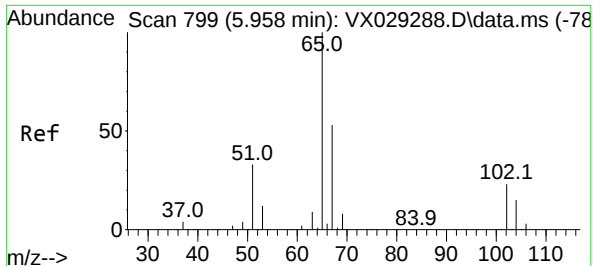
Ion Ratio Lower Upper

56 100

69 199.0 26.7 40.1#

84 181.3 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 58.663 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029335.D

Acq: 08 Jun 2022 20:40

Instrument :

MSVOA_X

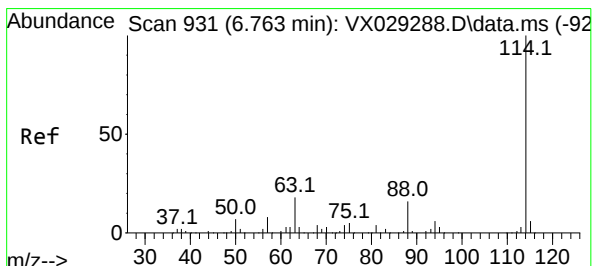
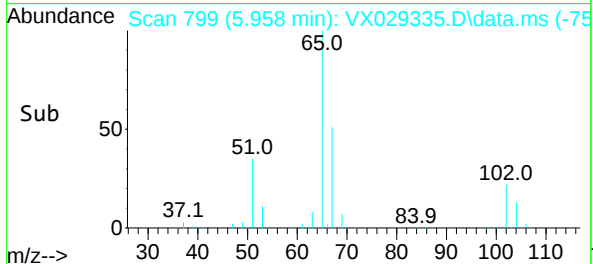
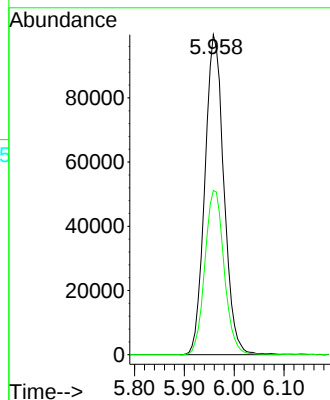
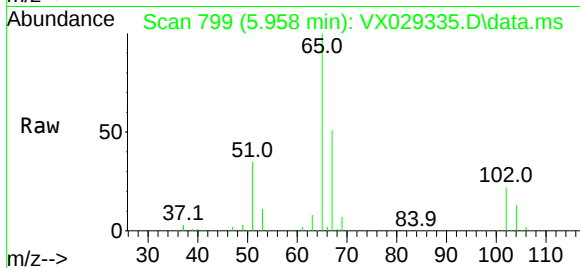
ClientSampleId :

Tgt Ion: 65 Resp: 264205

Ion Ratio Lower Upper

65 100

67 52.0 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: VX029335.D

Acq: 08 Jun 2022 20:40

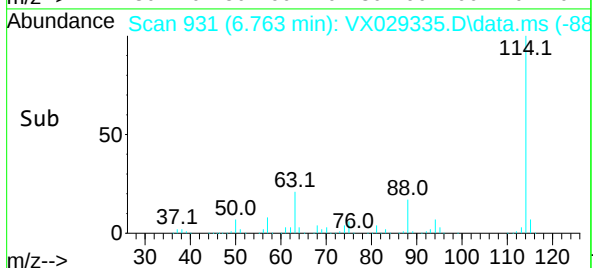
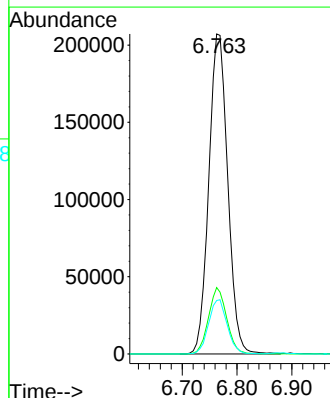
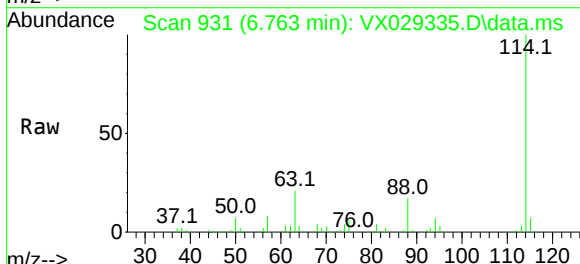
Tgt Ion: 114 Resp: 495773

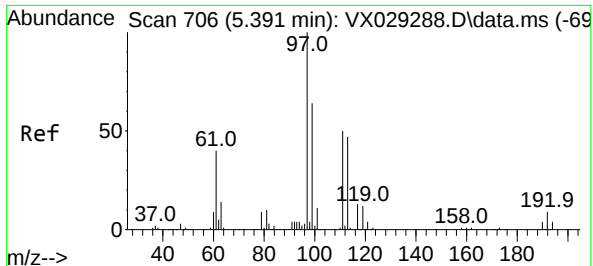
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.8

88 16.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.769 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

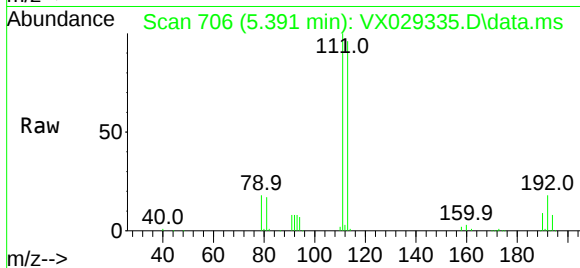
Lab File: VX029335.D

Acq: 08 Jun 2022 20:40

Instrument :

MSVOA_X

ClientSampleId :



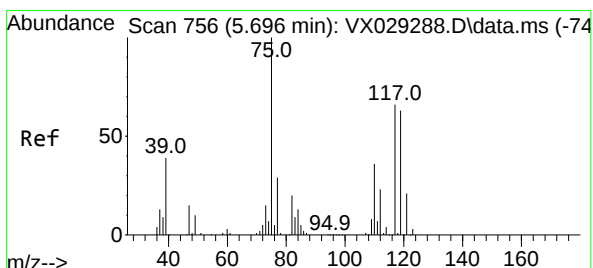
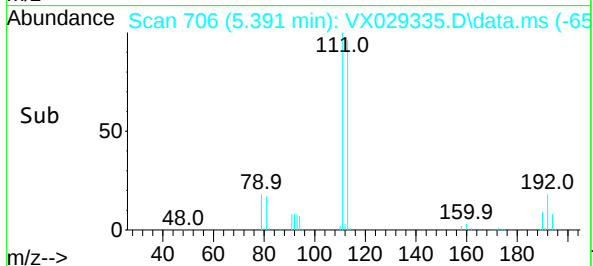
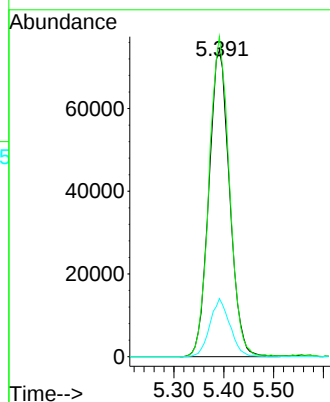
Tgt Ion:113 Resp: 213978

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 18.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 3.342 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029335.D

Acq: 08 Jun 2022 20:40

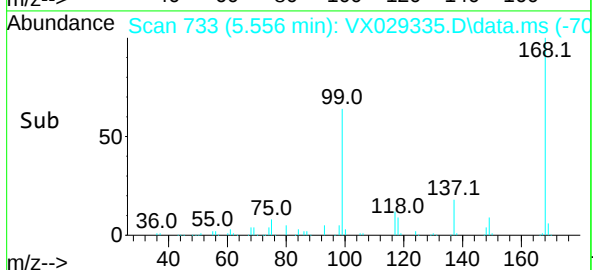
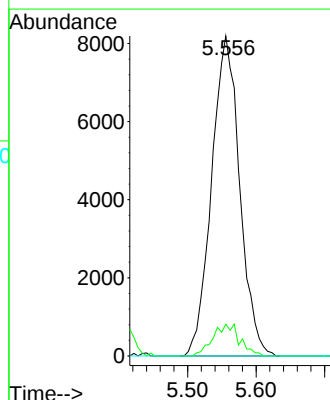
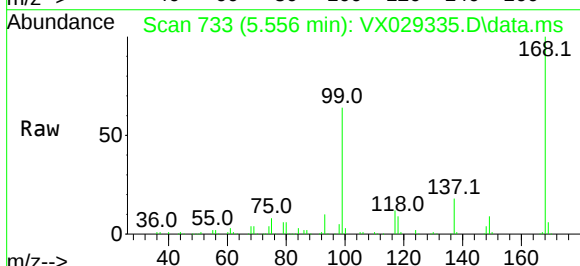
Tgt Ion: 75 Resp: 23265

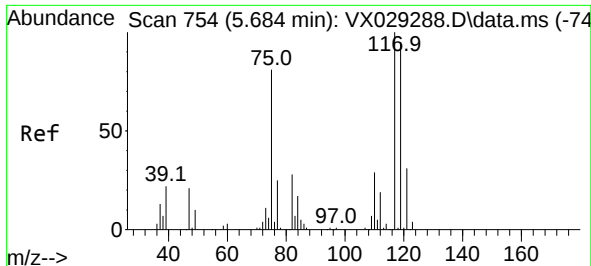
Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

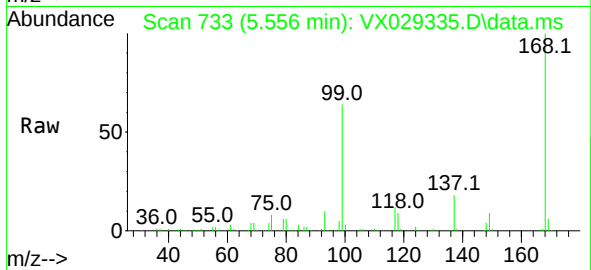
77 0.0 24.8 37.2#



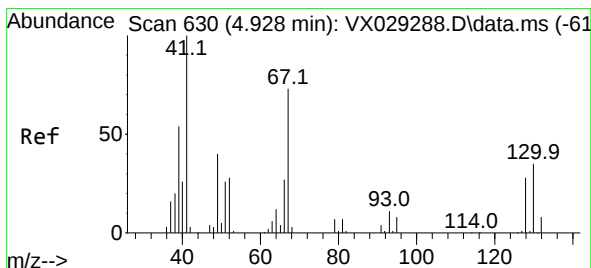
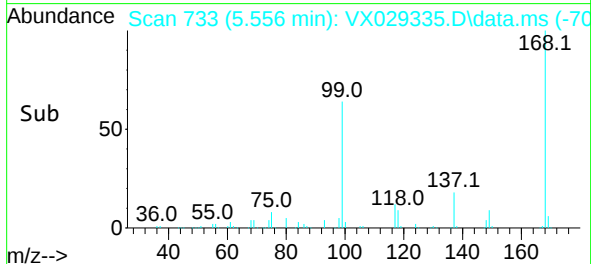
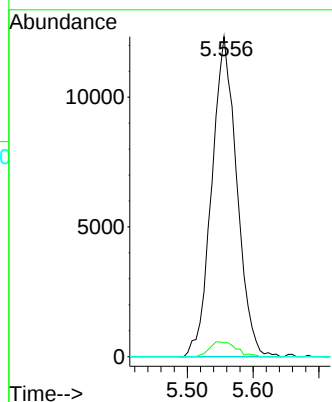


#38
Carbon Tetrachloride
Concen: 4.606 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX029335.D
Acq: 08 Jun 2022 20:40

Instrument :
MSVOA_X
ClientSampleId :

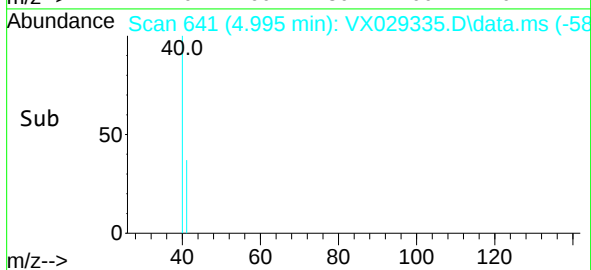
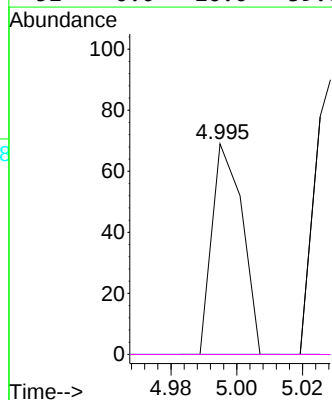
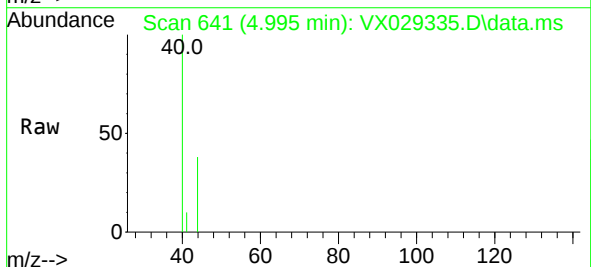


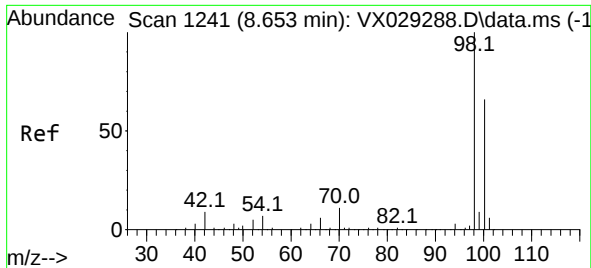
Tgt Ion:117 Resp: 32774
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: Below Cal
RT: 4.995 min Scan# 641
Delta R.T. 0.067 min
Lab File: VX029335.D
Acq: 08 Jun 2022 20:40

Tgt Ion: 41 Resp: 44
Ion Ratio Lower Upper
41 100
39 0.0 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#

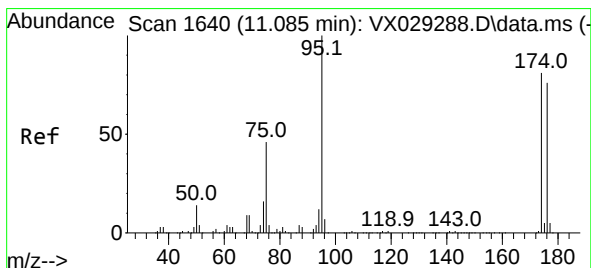
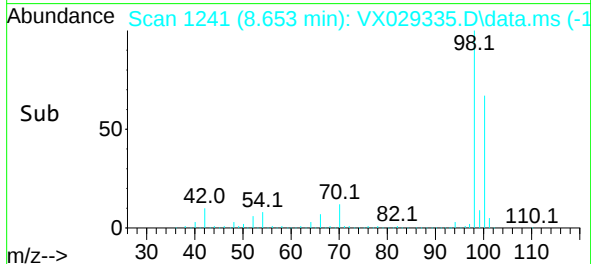
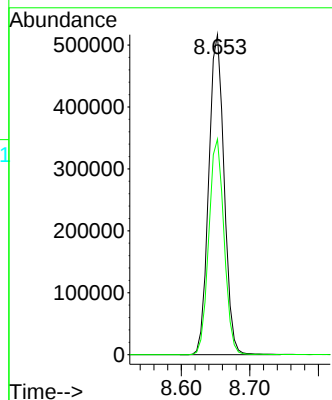
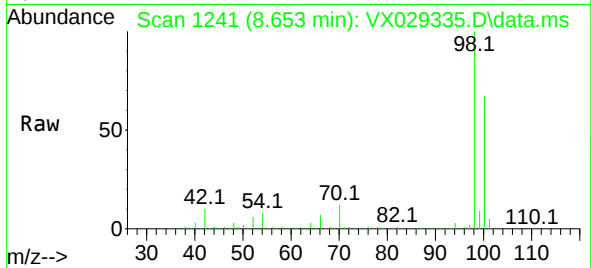




#50
Toluene-d8
Concen: 54.099 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029335.D
Acq: 08 Jun 2022 20:40

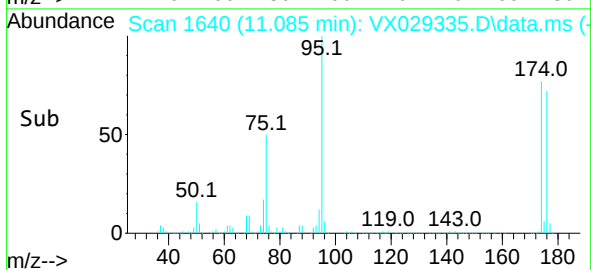
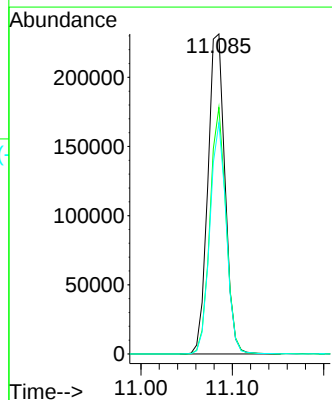
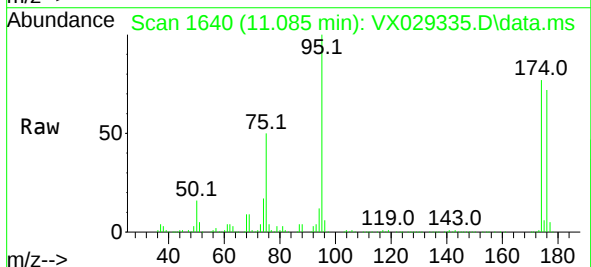
Instrument :
MSVOA_X
ClientSampleId :

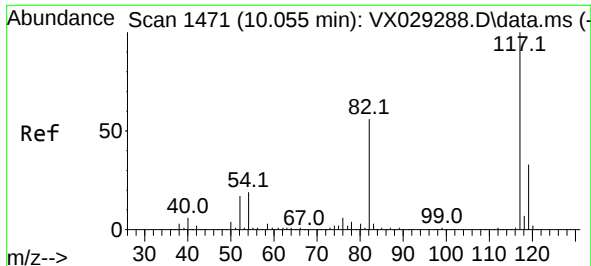
Tgt Ion: 98 Resp: 806432
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.539 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX029335.D
Acq: 08 Jun 2022 20:40

Tgt Ion: 95 Resp: 300652
Ion Ratio Lower Upper
95 100
174 72.3 0.0 163.0
176 68.8 0.0 155.0

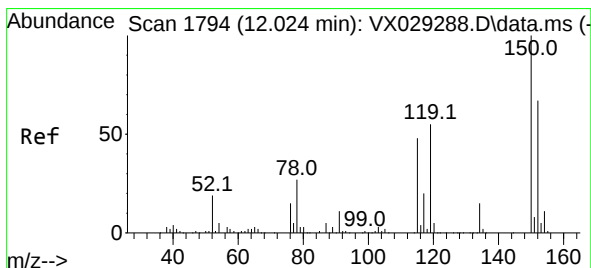
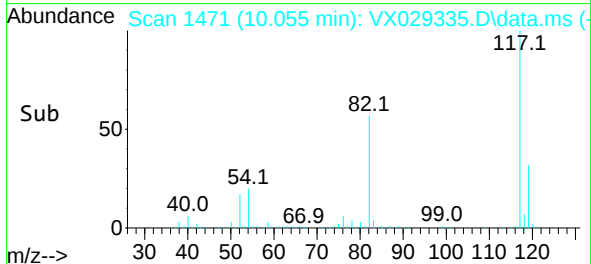
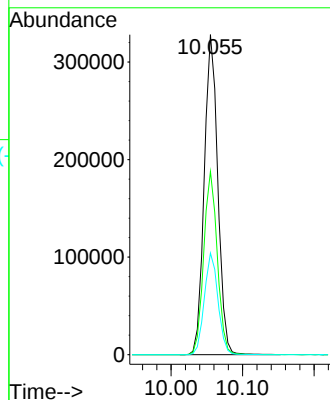
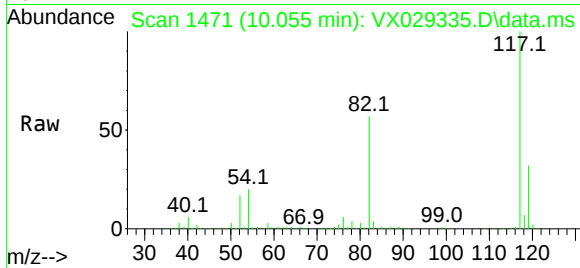




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029335.D
Acq: 08 Jun 2022 20:40

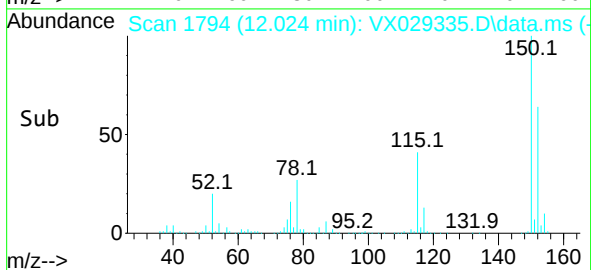
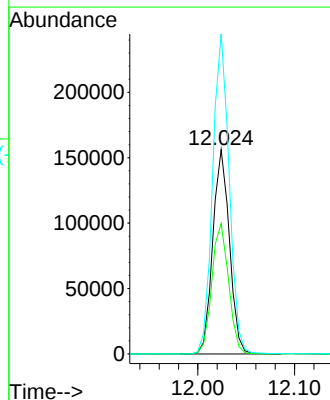
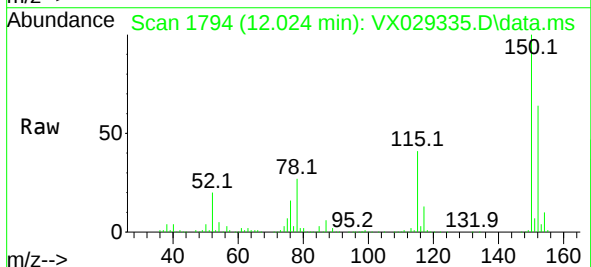
Instrument :
MSVOA_X
ClientSampleId :

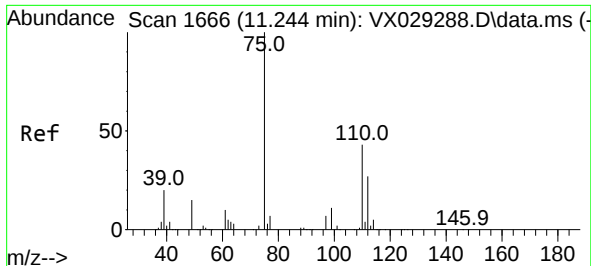
Tgt Ion:117 Resp: 432344
Ion Ratio Lower Upper
117 100
82 57.3 41.8 62.8
119 31.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029335.D
Acq: 08 Jun 2022 20:40

Tgt Ion:152 Resp: 186565
Ion Ratio Lower Upper
152 100
115 64.5 37.5 112.7
150 156.0 0.0 338.2

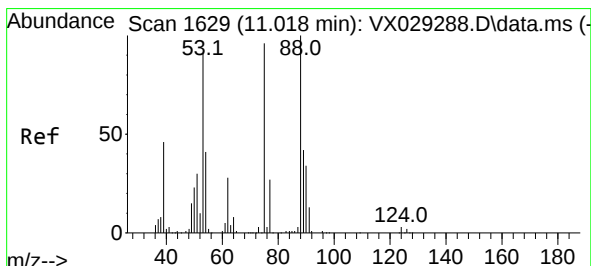
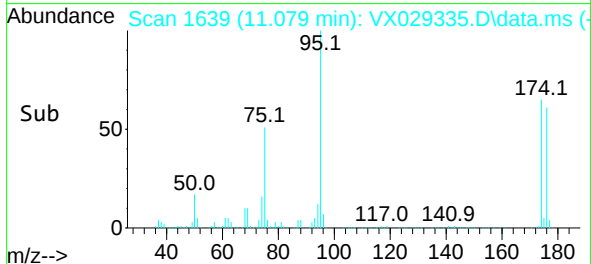
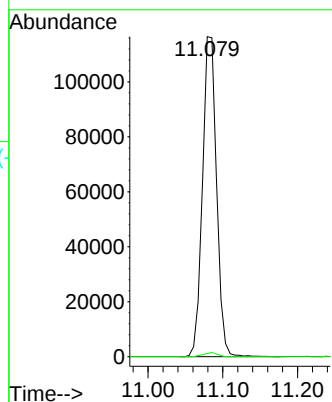
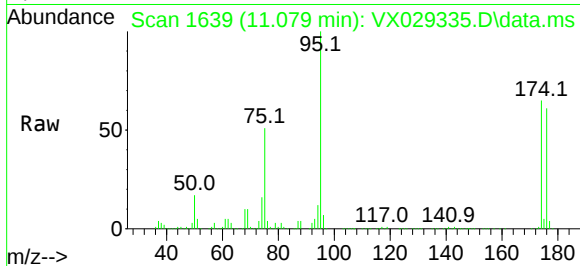




#76
1,2,3-Trichloropropane
Concen: 34.998 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029335.D
Acq: 08 Jun 2022 20:40

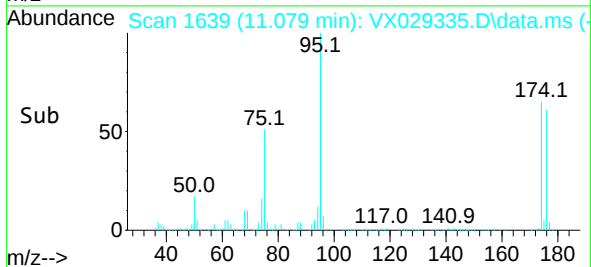
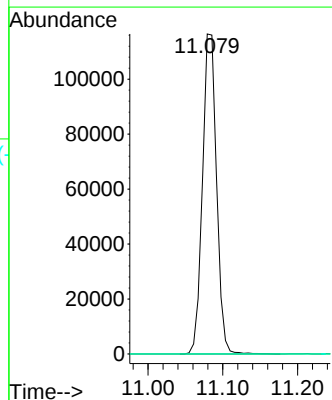
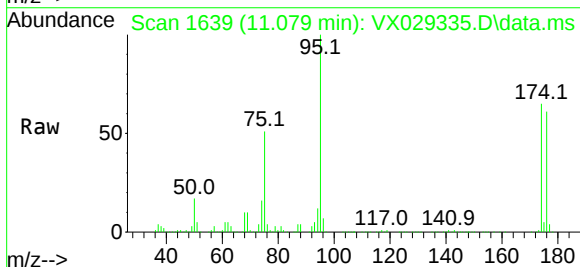
Instrument :
MSVOA_X
ClientSampleId :

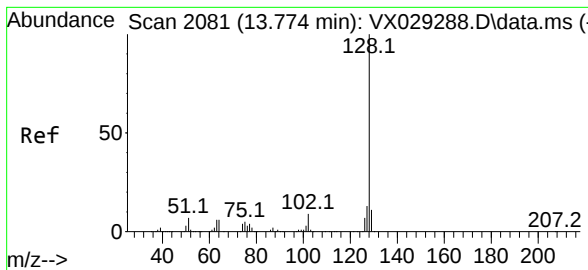
Tgt Ion: 75 Resp: 152507
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.248 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029335.D
Acq: 08 Jun 2022 20:40

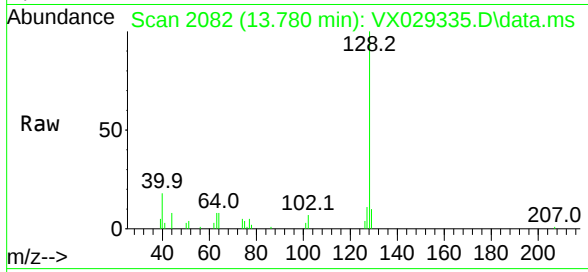
Tgt Ion: 75 Resp: 152507
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#95
Naphthalene
Concen: 0.459 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029335.D
Acq: 08 Jun 2022 20:40

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.2	15.4
129	11.6	8.7	13.1

