

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061522\
 Data File : VX029516.D
 Acq On : 15 Jun 2022 19:28
 Operator : JC/MD
 Sample : N3293-07
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40808ME

Quant Time: Jun 16 04:16:01 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)

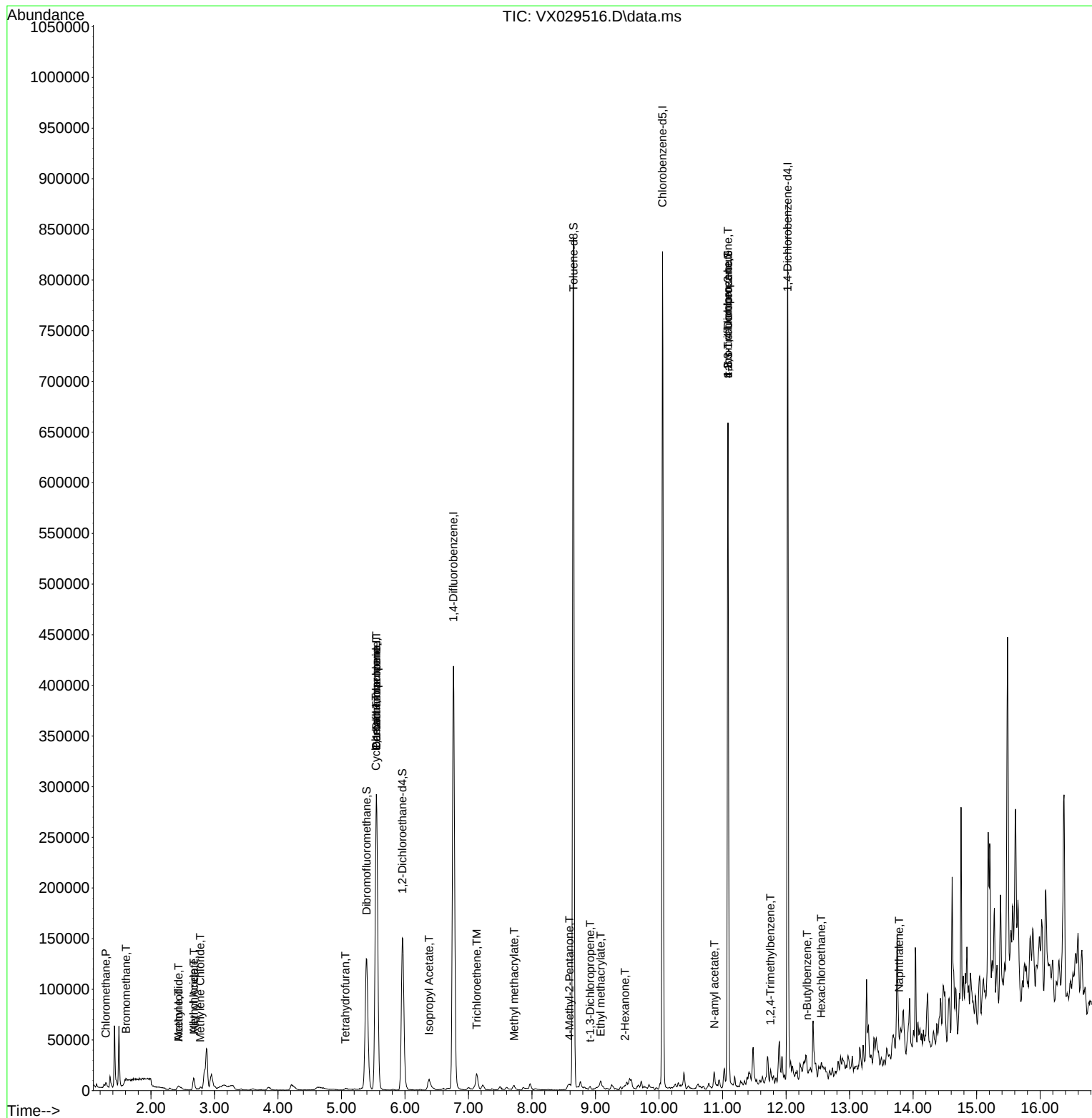
Internal Standards						
1) Pentafluorobenzene	5.550	168	282530	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	461361	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	392967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155447	35.641	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	71.280%
35) Dibromofluoromethane	5.397	113	123740	31.548	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	63.100%#
50) Toluene-d8	8.653	98	524673	37.823	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	75.640%
62) 4-Bromofluorobenzene	11.085	95	187662	34.570	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	69.140%
Target Compounds						
						Qvalue
3) Chloromethane	1.288	50	2344	0.490	ug/l	# 88
5) Bromomethane	1.605	94	944	0.355	ug/l	98
6) Chloroethane	1.709	64	153	Below Cal	#	69
10) Methyl Iodide	2.435	142	574	1.339	ug/l	# 94
11) Tert butyl alcohol	2.953	59	12312	Below Cal	#	74
14) Allyl chloride	2.672	41	4975	0.730	ug/l	# 60
16) Acetone	2.435	43	9375	4.102	ug/l	95
18) Methyl Acetate	2.678	43	5696	0.941	ug/l	# 46
20) Methylene Chloride	2.776	84	1507	0.295	ug/l	# 88
29) Tetrahydrofuran	5.062	42	851	0.361	ug/l	# 50
31) Cyclohexane	5.544	56	5425	0.708	ug/l	# 7
36) 1,1-Dichloropropene	5.550	75	21485	3.316	ug/l	# 49
38) Carbon Tetrachloride	5.550	117	29266	4.419	ug/l	# 16
41) Methacrylonitrile	4.897	41	22	Below Cal	#	18
43) Isopropyl Acetate	6.379	43	4426	0.441	ug/l	# 56
44) Trichloroethene	7.129	130	6355	1.210	ug/l	94
48) Methyl methacrylate	7.720	41	1899	0.376	ug/l	# 37
51) 4-Methyl-2-Pentanone	8.592	43	3884	0.591	ug/l	91
53) t-1,3-Dichloropropene	8.915	75	998	1.454	ug/l	# 43
56) Ethyl methacrylate	9.080	69	1998	0.274	ug/l	# 31
59) 2-Hexanone	9.464	43	2224	0.445	ug/l	90
74) N-amyl acetate	10.872	43	2774	0.578	ug/l	# 5
76) 1,2,3-Trichloropropane	11.085	75	90613	21.549	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	90613	66.266	ug/l	# 15
84) 1,2,4-Trimethylbenzene	11.756	105	4949	0.417	ug/l	94
89) n-Butylbenzene	12.329	91	2788	0.275	ug/l	# 56
90) Hexachloroethane	12.555	117	759	0.397	ug/l	# 10
95) Naphthalene	13.780	128	4540	0.346	ug/l	# 94

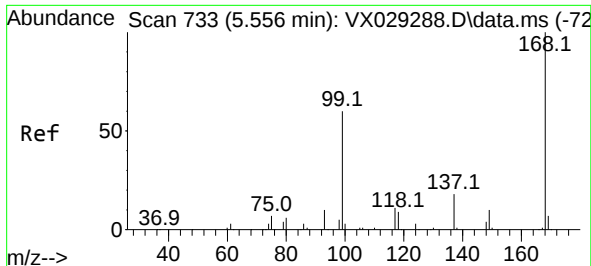
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061522\
Data File : VX029516.D
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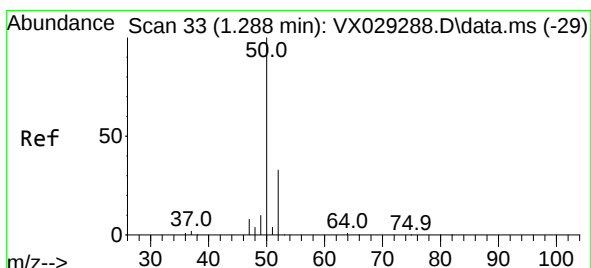
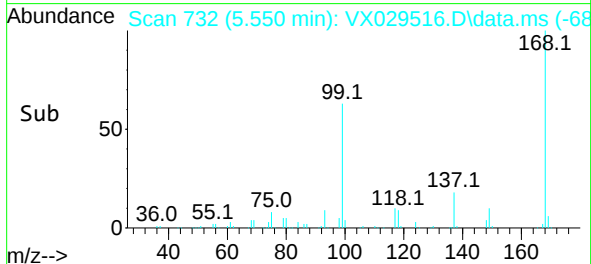
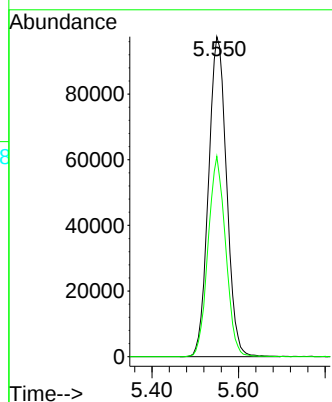
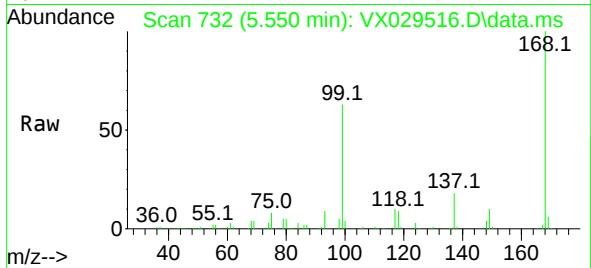




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX029516.D
Acq: 15 Jun 2022 19:28

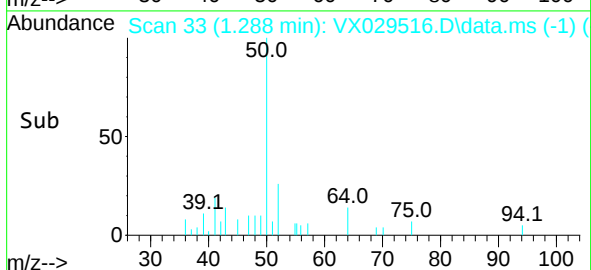
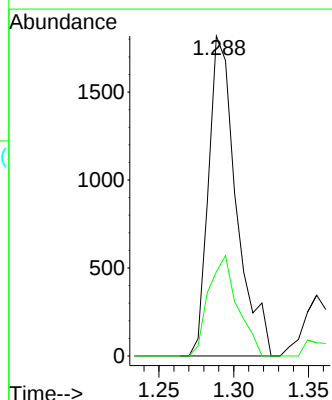
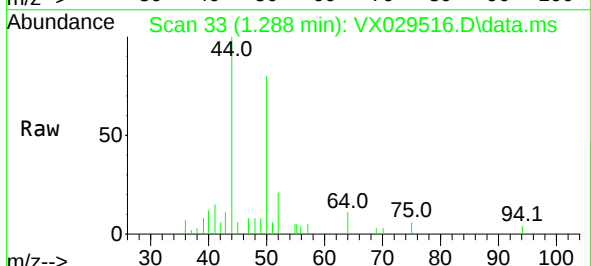
Instrument :
MSVOA_X
ClientSampleId :
40808ME

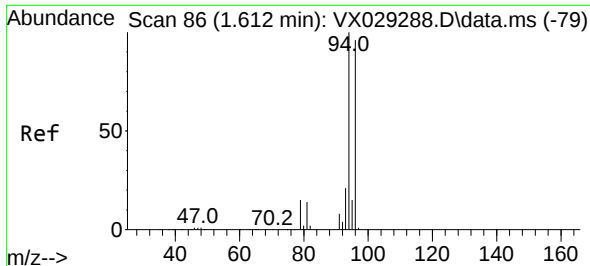
Tgt Ion:168 Resp: 282530
Ion Ratio Lower Upper
168 100
99 62.6 41.7 62.5#



#3
Chloromethane
Concen: 0.490 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX029516.D
Acq: 15 Jun 2022 19:28

Tgt Ion: 50 Resp: 2344
Ion Ratio Lower Upper
50 100
52 26.3 26.4 39.6#

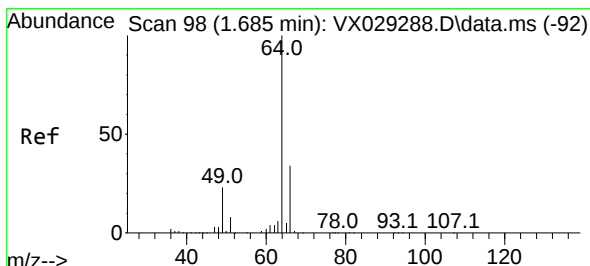
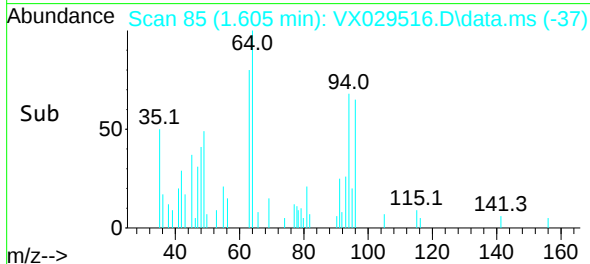
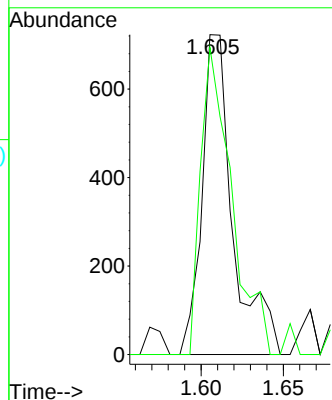
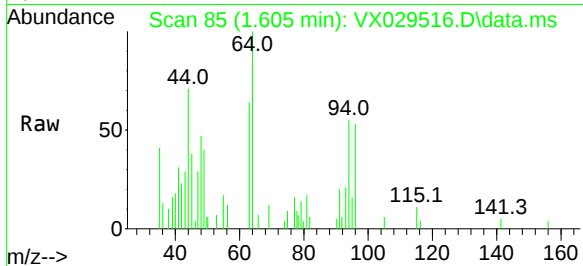




#5
Bromomethane
Concen: 0.355 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.007 min
Lab File: VX029516.D
Acq: 15 Jun 2022 19:28

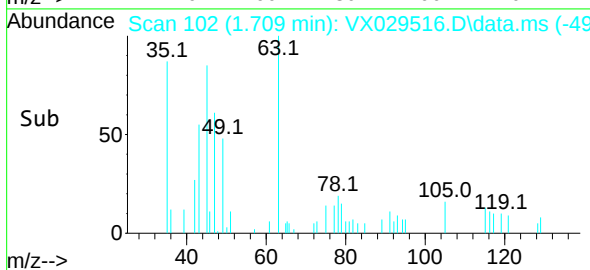
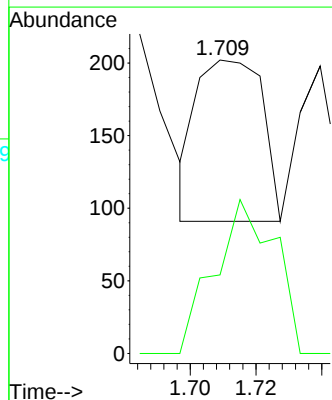
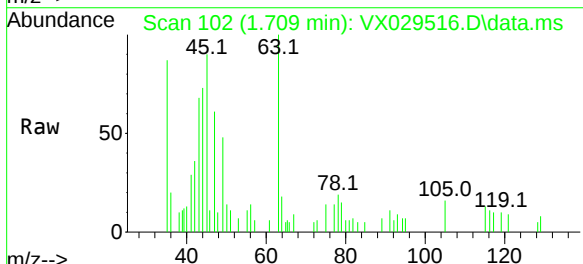
Instrument :
MSVOA_X
ClientSampleId :
40808ME

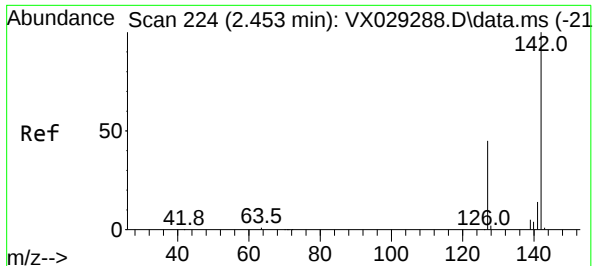
Tgt Ion: 94 Resp: 944
Ion Ratio Lower Upper
94 100
96 96.0 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.709 min Scan# 102
Delta R.T. 0.024 min
Lab File: VX029516.D
Acq: 15 Jun 2022 19:28

Tgt Ion: 64 Resp: 153
Ion Ratio Lower Upper
64 100
66 48.6 25.3 37.9#

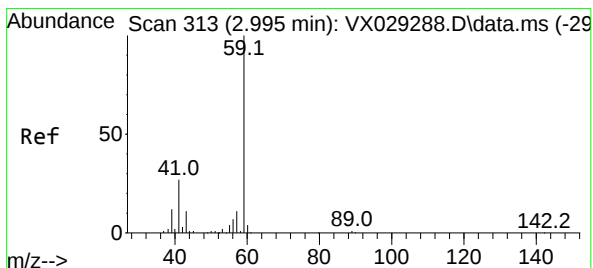
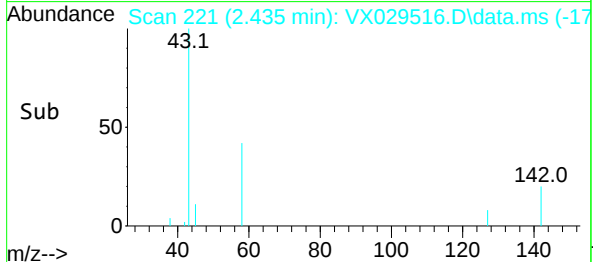
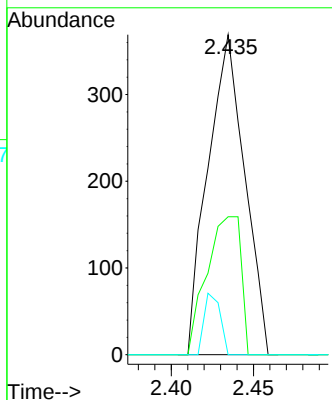
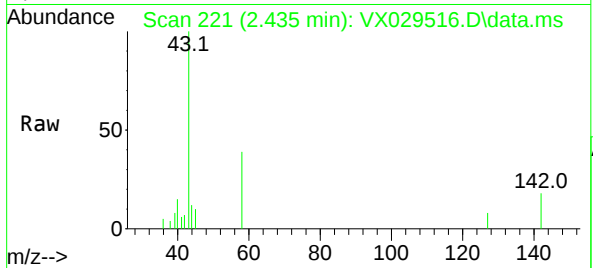




#10
Methyl Iodide
Concen: 1.339 ug/l
RT: 2.435 min Scan# 21
Delta R.T. -0.018 min
Lab File: VX029516.D
Acq: 15 Jun 2022 19:28

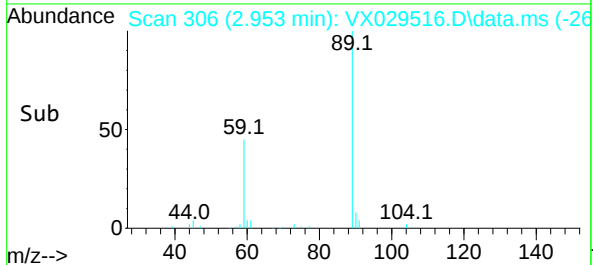
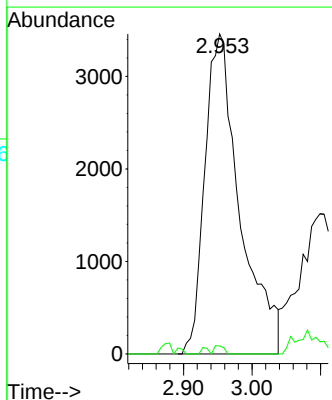
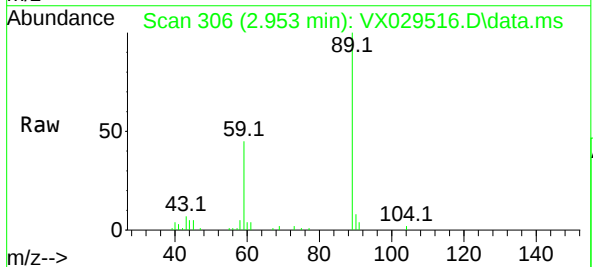
Instrument :
MSVOA_X
ClientSampleId :
40808ME

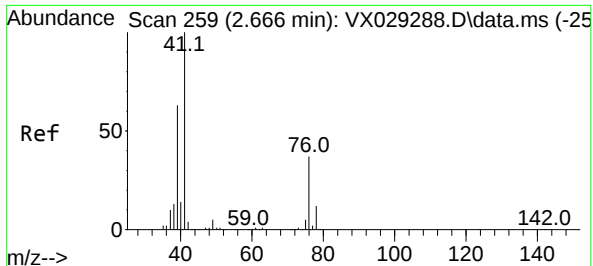
Tgt Ion:142 Resp: 574
Ion Ratio Lower Upper
142 100
127 40.1 33.9 50.9
141 8.4 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.042 min
Lab File: VX029516.D
Acq: 15 Jun 2022 19:28

Tgt Ion: 59 Resp: 12312
Ion Ratio Lower Upper
59 100
57 0.7 8.3 12.5#





#14

Allyl chloride

Concen: 0.730 ug/l

RT: 2.672 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX029516.D

Acq: 15 Jun 2022 19:28

Instrument :

MSVOA_X

ClientSampleId :

40808ME

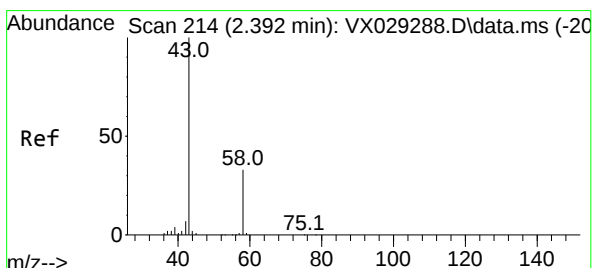
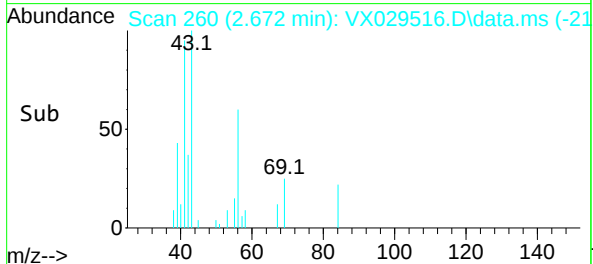
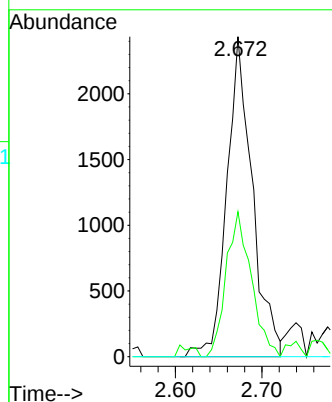
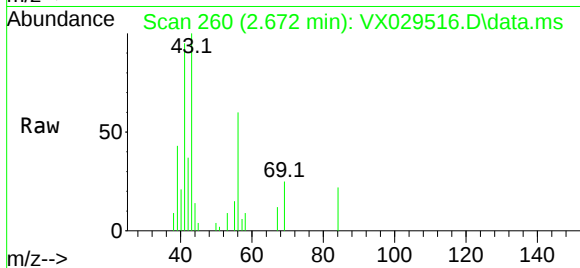
Tgt Ion: 41 Resp: 4975

Ion Ratio Lower Upper

41 100

39 44.6 50.4 75.6#

76 0.0 32.7 49.1#



#16

Acetone

Concen: 4.102 ug/l

RT: 2.435 min Scan# 221

Delta R.T. 0.043 min

Lab File: VX029516.D

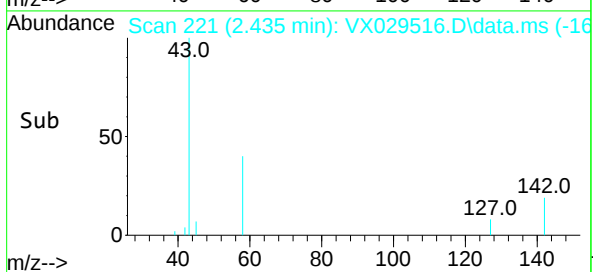
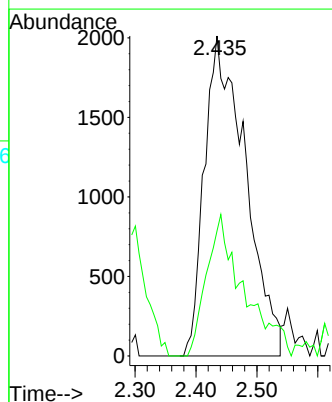
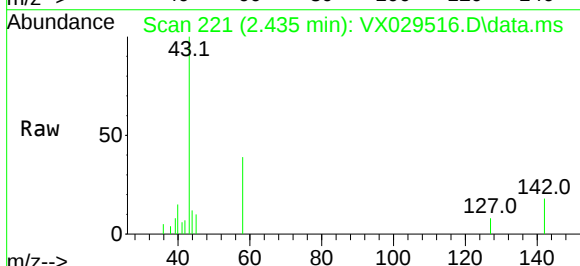
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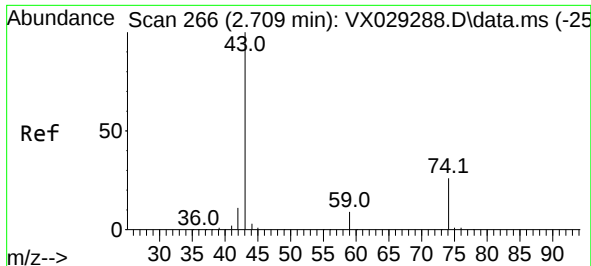
Tgt Ion: 43 Resp: 9375

Ion Ratio Lower Upper

43 100

58 39.1 28.8 43.2

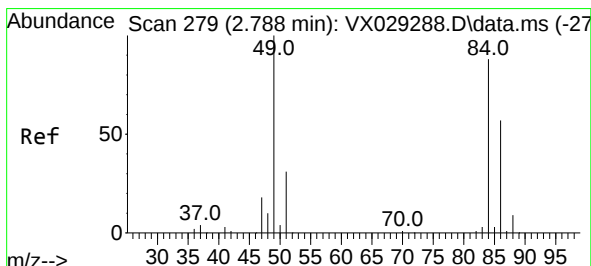
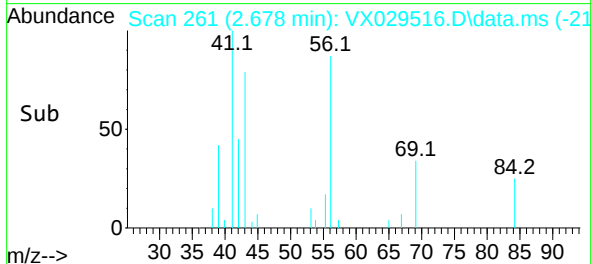
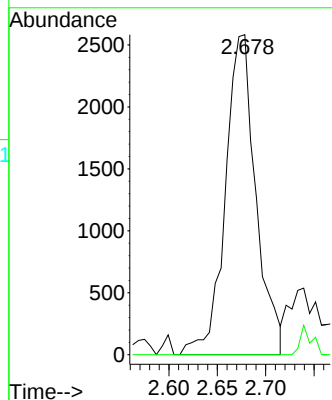
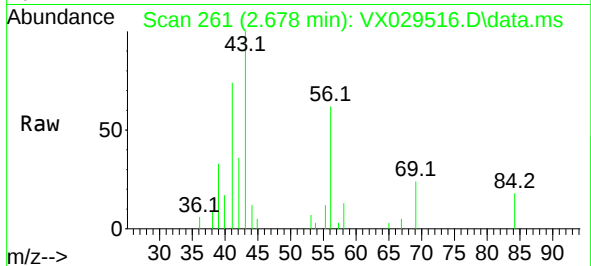




#18
Methyl Acetate
Concen: 0.941 ug/l
RT: 2.678 min Scan# 21
Delta R.T. -0.031 min
Lab File: VX029516.D
Acq: 15 Jun 2022 19:28

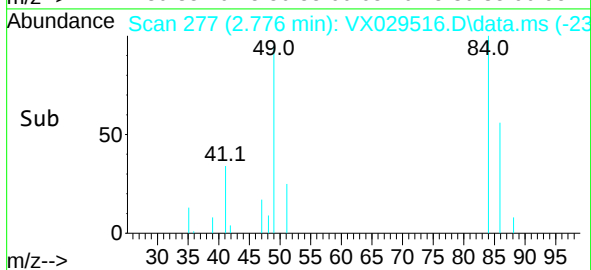
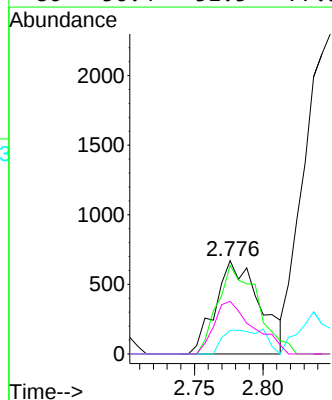
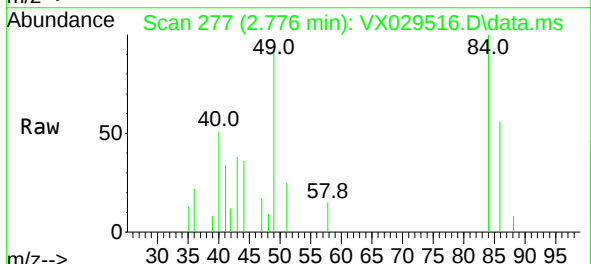
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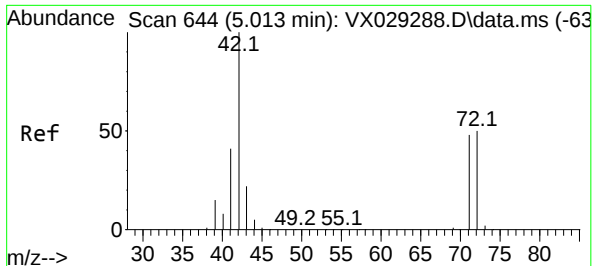
Tgt Ion: 43 Resp: 5696
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



#20
Methylene Chloride
Concen: 0.295 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX029516.D
Acq: 15 Jun 2022 19:28

Tgt Ion: 84 Resp: 1507
Ion Ratio Lower Upper
84 100
49 94.9 85.5 128.3
51 25.1 26.6 39.8#
86 56.4 51.5 77.3





#29

Tetrahydrofuran

Concen: 0.361 ug/l

RT: 5.062 min Scan# 61

Delta R.T. 0.049 min

Lab File: VX029516.D

Acq: 15 Jun 2022 19:28

Instrument :

MSVOA_X

ClientSampleId :

40808ME

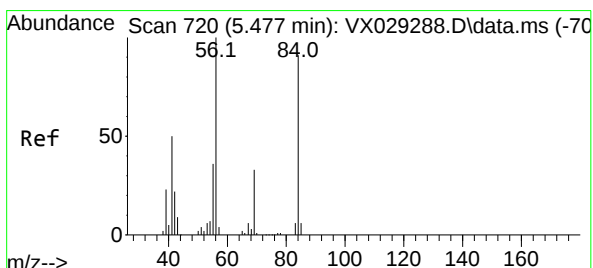
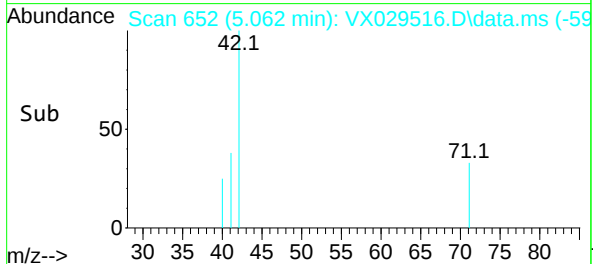
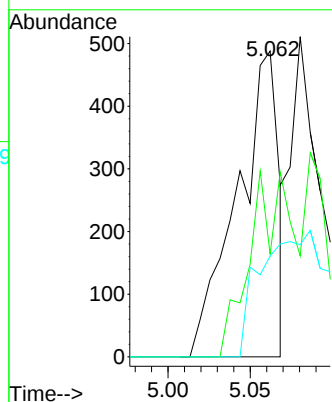
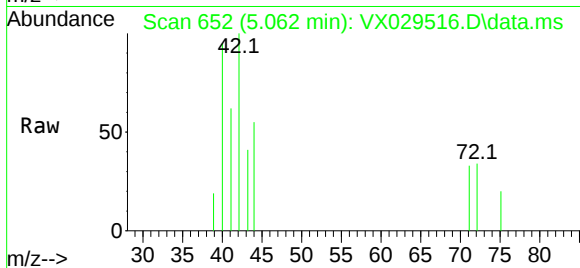
Tgt Ion: 42 Resp: 851

Ion Ratio Lower Upper

42 100

72 33.8 44.1 66.1#

71 0.0 40.5 60.7#



#31

Cyclohexane

Concen: 0.708 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.067 min

Lab File: VX029516.D

Acq: 15 Jun 2022 19:28

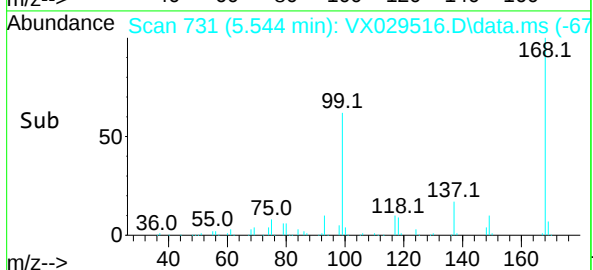
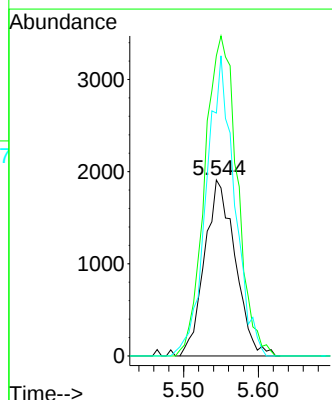
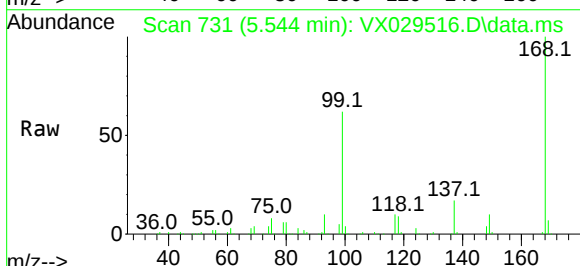
Tgt Ion: 56 Resp: 5425

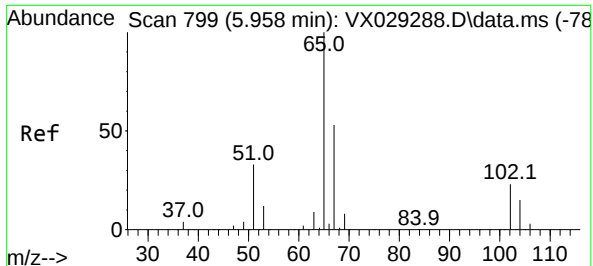
Ion Ratio Lower Upper

56 100

69 170.5 26.7 40.1#

84 138.0 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 35.641 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029516.D

Acq: 15 Jun 2022 19:28

Instrument :

MSVOA_X

ClientSampleId :

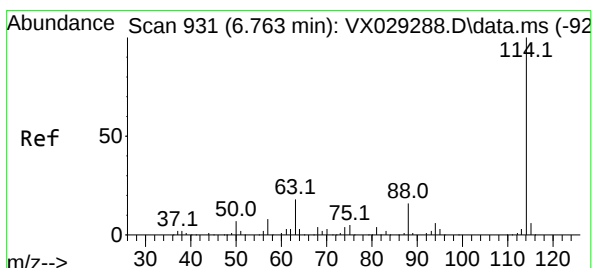
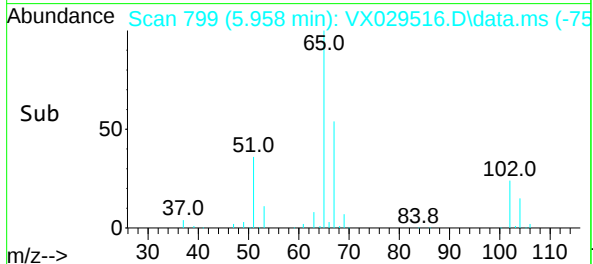
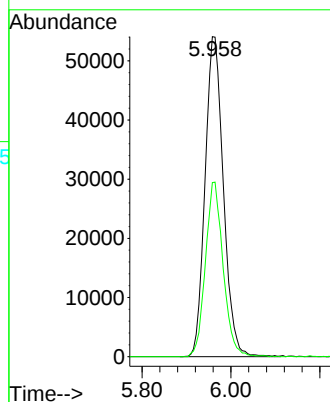
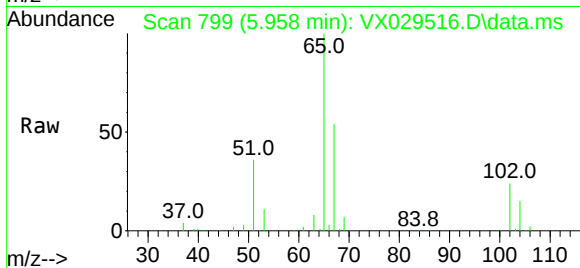
40808ME

Tgt Ion: 65 Resp: 155447

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: VX029516.D

Acq: 15 Jun 2022 19:28

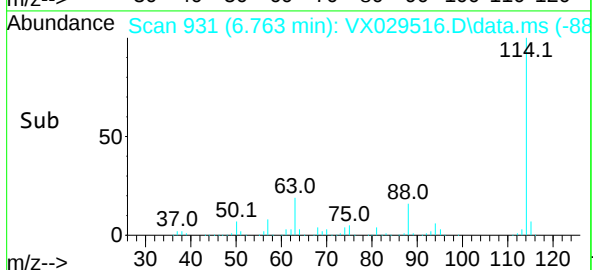
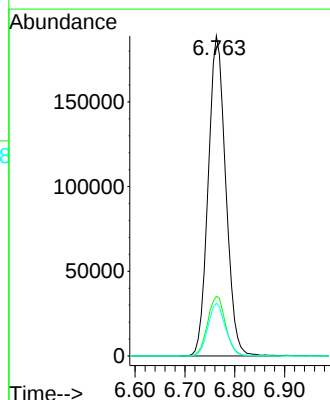
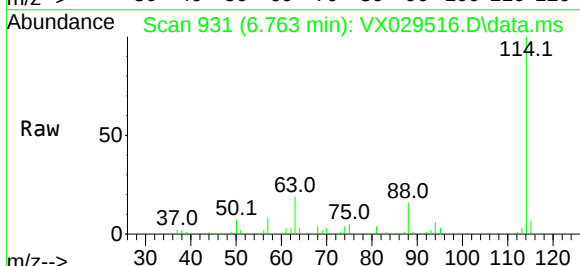
Tgt Ion: 114 Resp: 461361

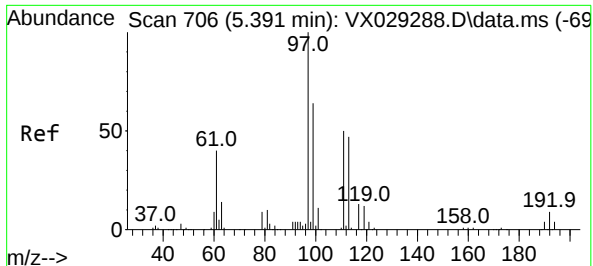
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.8

88 16.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 31.548 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX029516.D

Acq: 15 Jun 2022 19:28

Instrument :

MSVOA_X

ClientSampleId :

40808ME

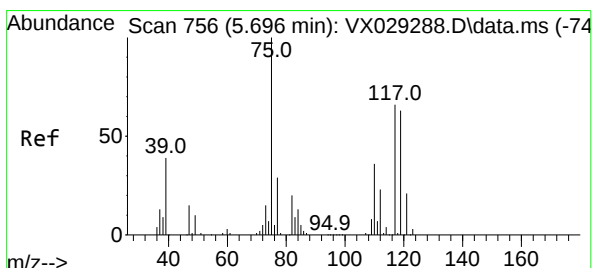
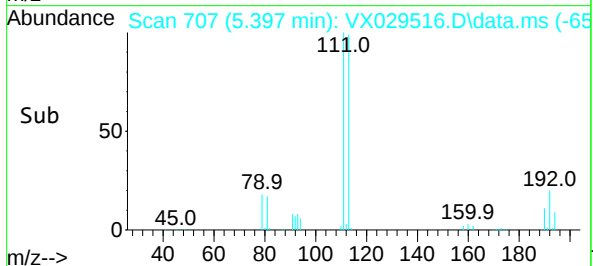
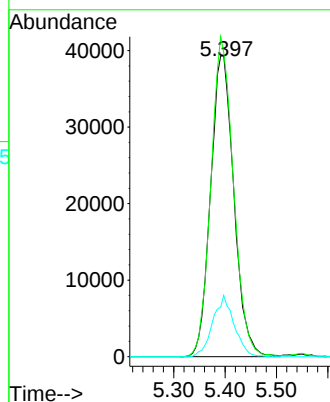
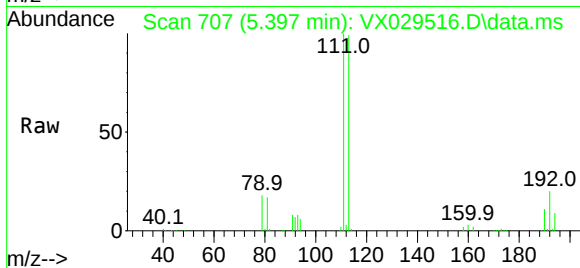
Tgt Ion:113 Resp: 123740

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

192 18.7 16.9 25.3



#36

1,1-Dichloropropene

Concen: 3.316 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX029516.D

Acq: 15 Jun 2022 19:28

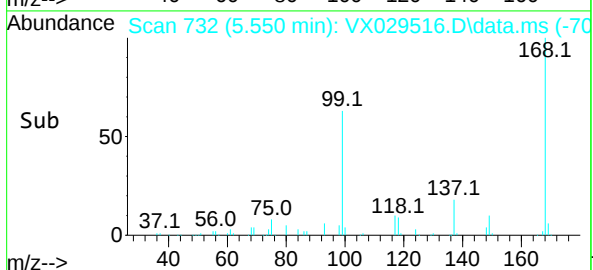
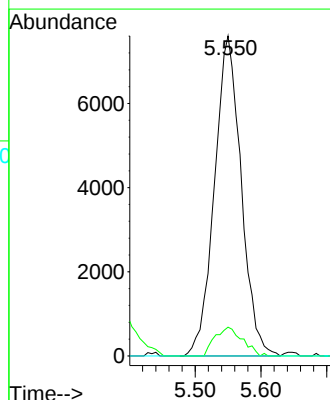
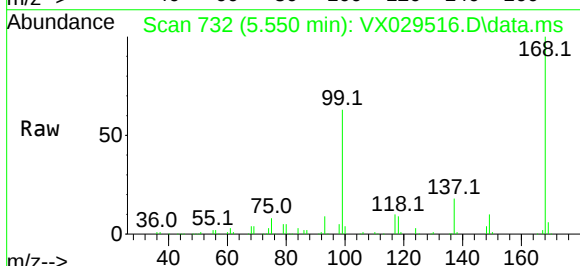
Tgt Ion: 75 Resp: 21485

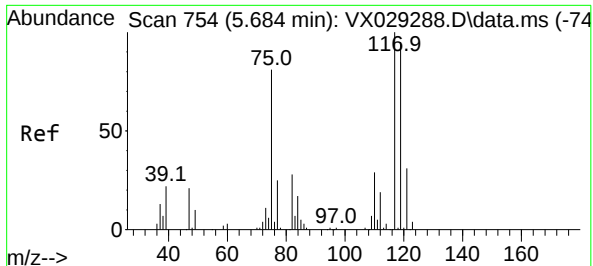
Ion Ratio Lower Upper

75 100

110 9.3 18.3 54.8#

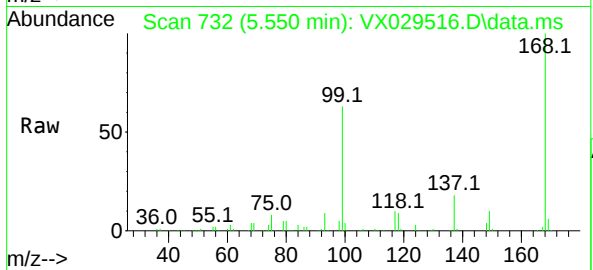
77 0.0 24.8 37.2#



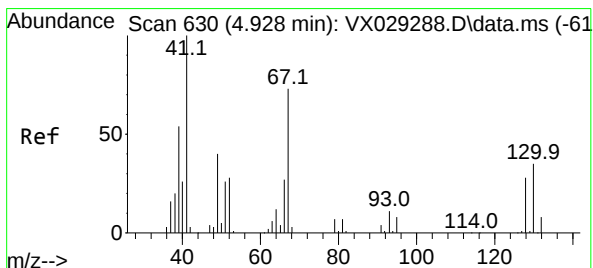
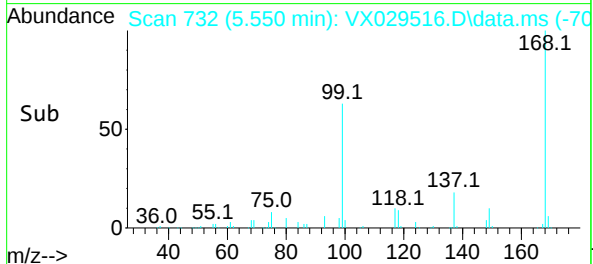
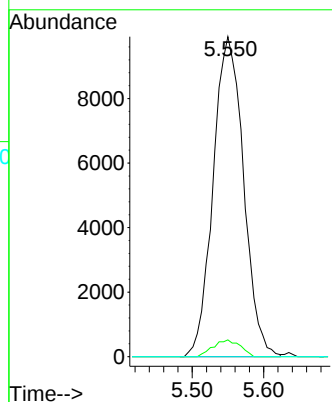


#38
Carbon Tetrachloride
Concen: 4.419 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX029516.D
Acq: 15 Jun 2022 19:28

Instrument :
MSVOA_X
ClientSampleId :
40808ME

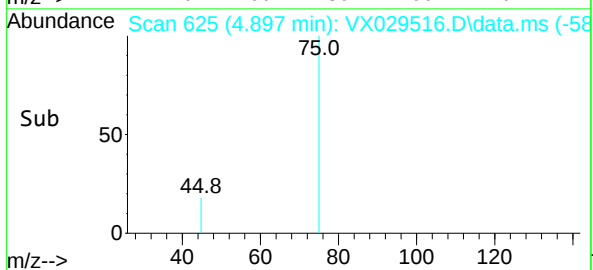
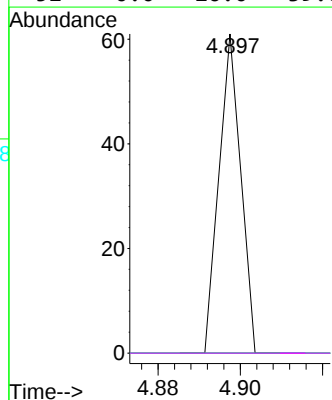
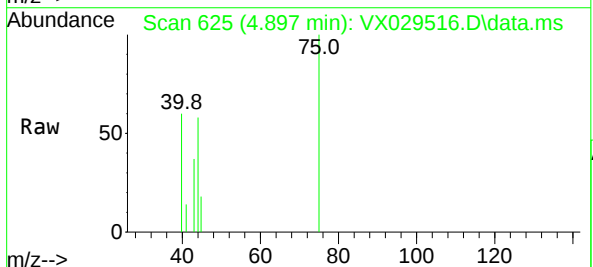


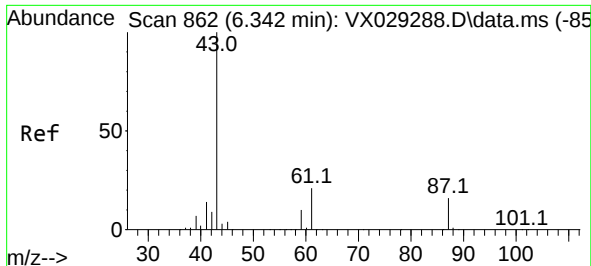
Tgt Ion:117 Resp: 29266
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: Below Cal
RT: 4.897 min Scan# 625
Delta R.T. -0.031 min
Lab File: VX029516.D
Acq: 15 Jun 2022 19:28

Tgt Ion: 41 Resp: 22
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#

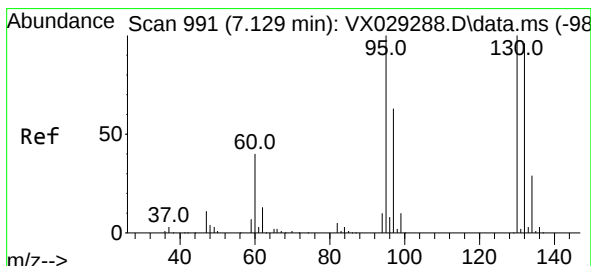
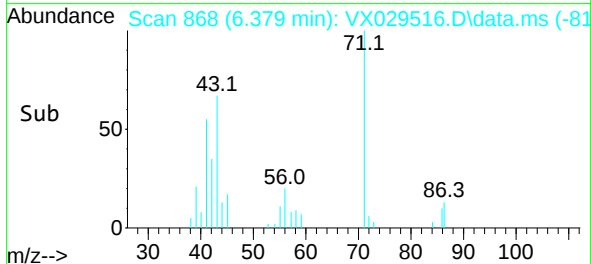
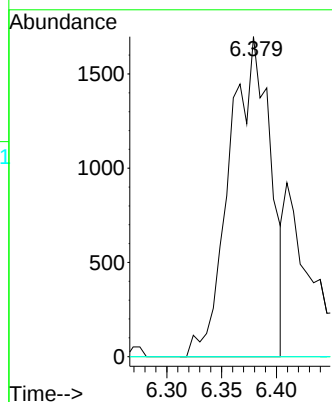
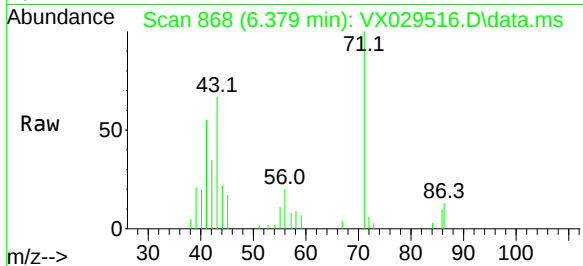




#43
Isopropyl Acetate
Concen: 0.441 ug/l
RT: 6.379 min Scan# 868
Delta R.T. 0.037 min
Lab File: VX029516.D
Acq: 15 Jun 2022 19:28

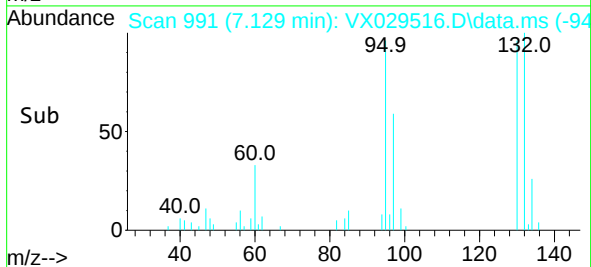
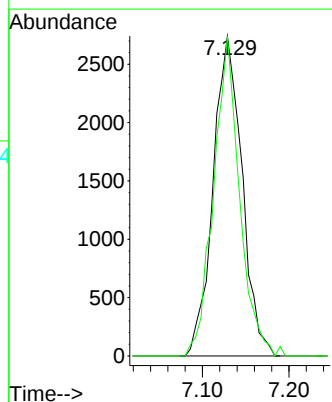
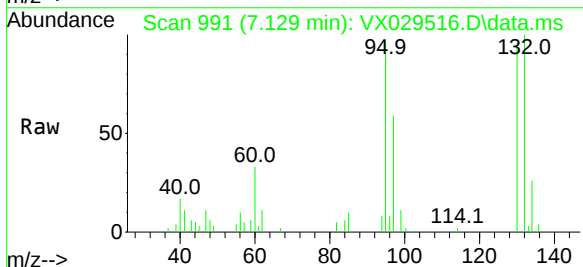
Instrument :
MSVOA_X
ClientSampleId :
40808ME

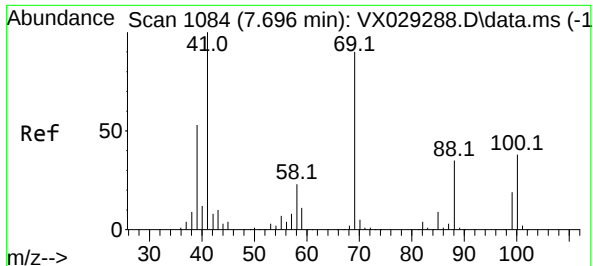
Tgt Ion: 43 Resp: 4426
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 0.0 13.0 19.6#



#44
Trichloroethene
Concen: 1.210 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029516.D
Acq: 15 Jun 2022 19:28

Tgt Ion:130 Resp: 6355
Ion Ratio Lower Upper
130 100
95 100.1 0.0 188.8





#48

Methyl methacrylate

Concen: 0.376 ug/l

RT: 7.720 min Scan# 1088

Delta R.T. 0.024 min

Lab File: VX029516.D

Acq: 15 Jun 2022 19:28

Instrument :

MSVOA_X

ClientSampleId :

40808ME

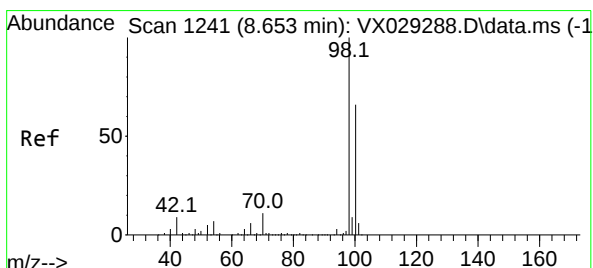
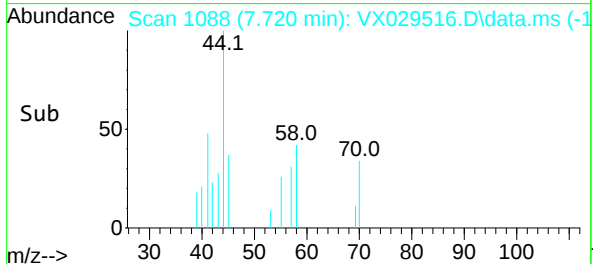
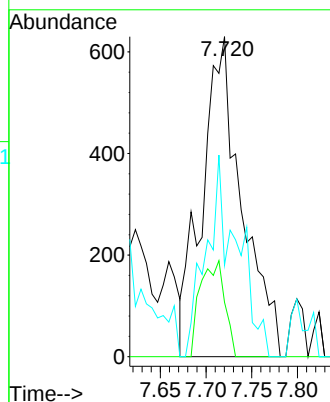
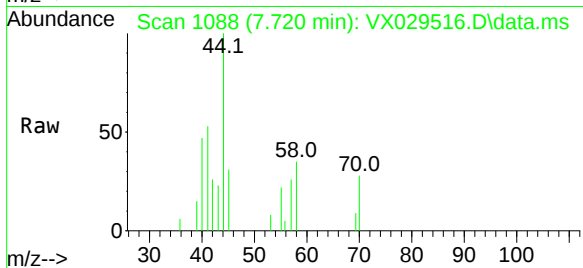
Tgt Ion: 41 Resp: 1899

Ion Ratio Lower Upper

41 100

69 18.5 82.5 123.7#

39 36.8 43.8 65.8#



#50

Toluene-d8

Concen: 37.823 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029516.D

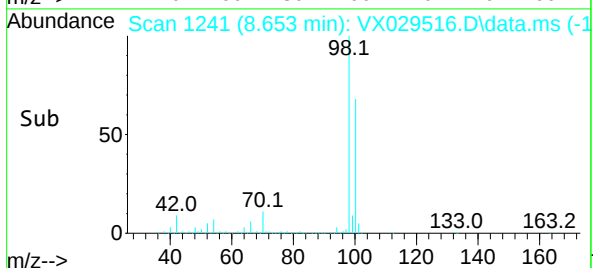
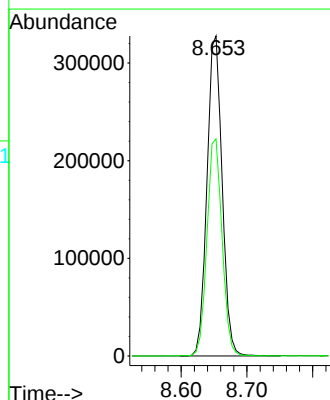
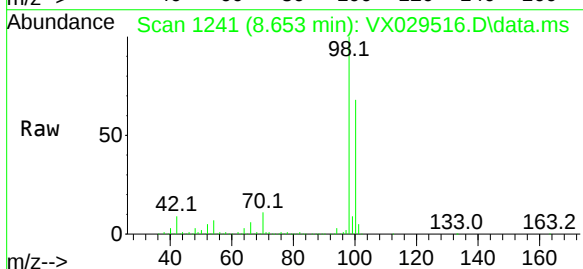
Acq: 15 Jun 2022 19:28

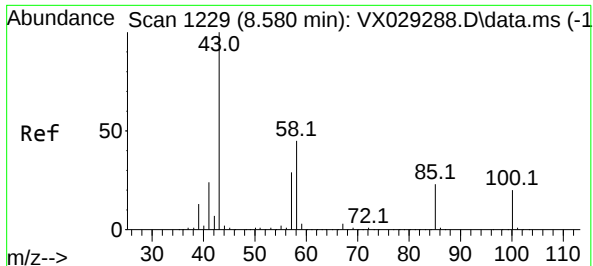
Tgt Ion: 98 Resp: 524673

Ion Ratio Lower Upper

98 100

100 67.8 52.6 78.8

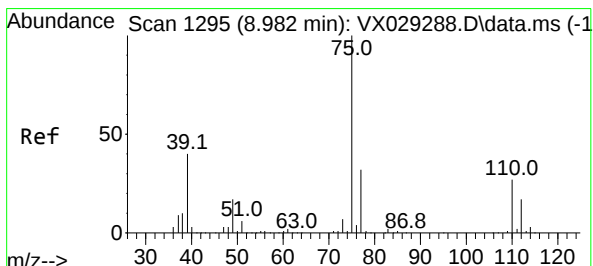
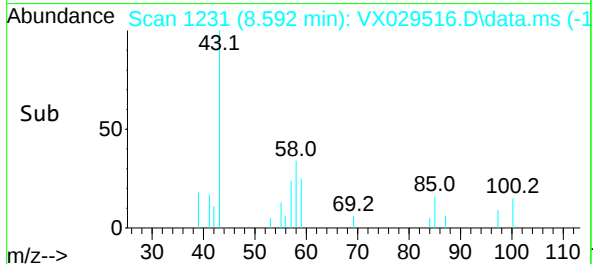
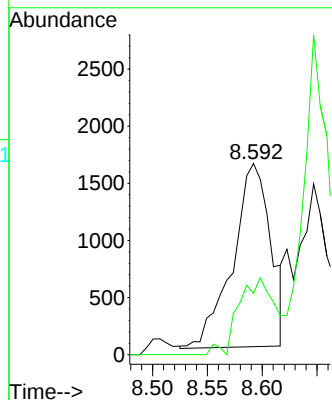
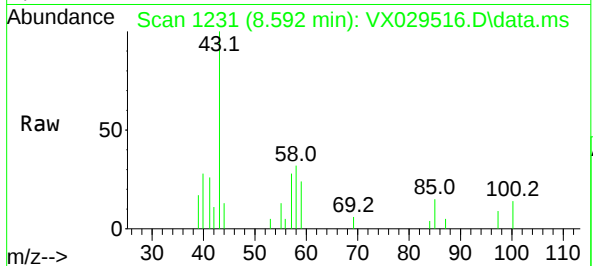




#51
4-Methyl-2-Pentanone
Concen: 0.591 ug/l
RT: 8.592 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX029516.D
Acq: 15 Jun 2022 19:28

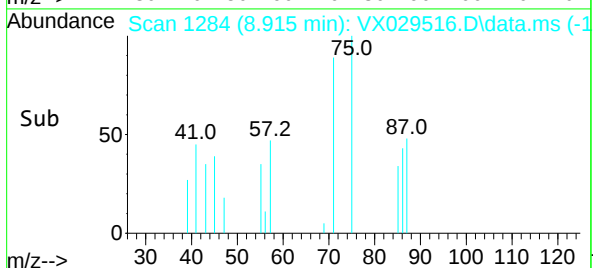
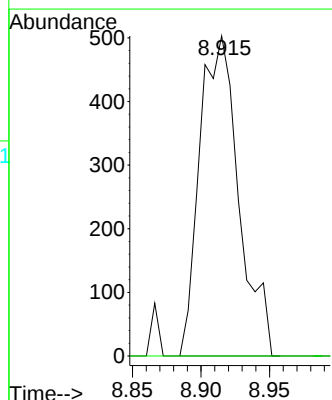
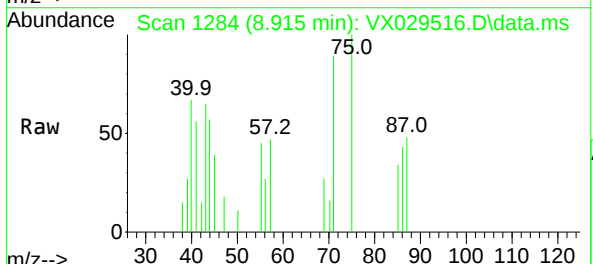
Instrument :
MSVOA_X
ClientSampleId :
40808ME

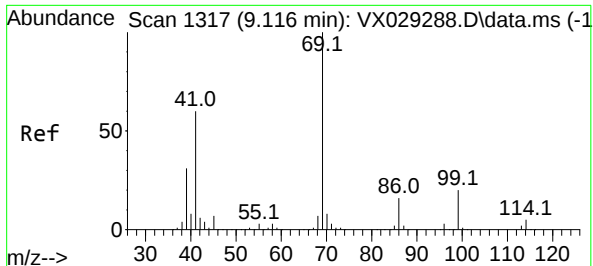
Tgt Ion: 43 Resp: 3884
Ion Ratio Lower Upper
43 100
58 39.0 36.1 54.1



#53
t-1,3-Dichloropropene
Concen: 1.454 ug/l
RT: 8.915 min Scan# 1284
Delta R.T. -0.067 min
Lab File: VX029516.D
Acq: 15 Jun 2022 19:28

Tgt Ion: 75 Resp: 998
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

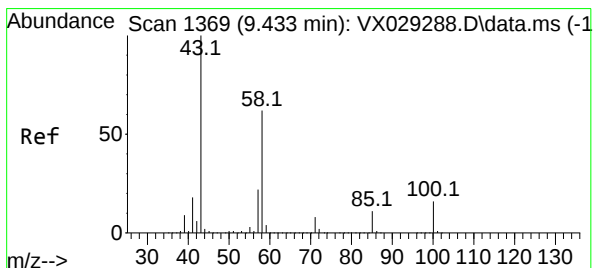
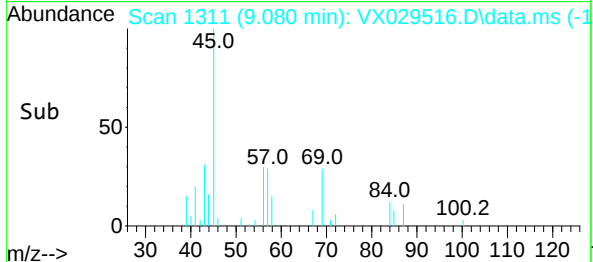
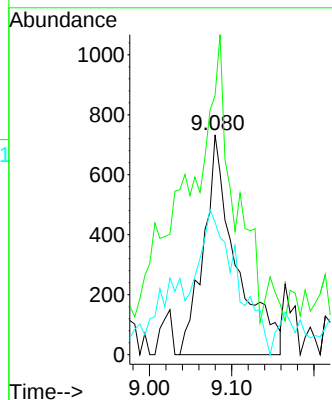
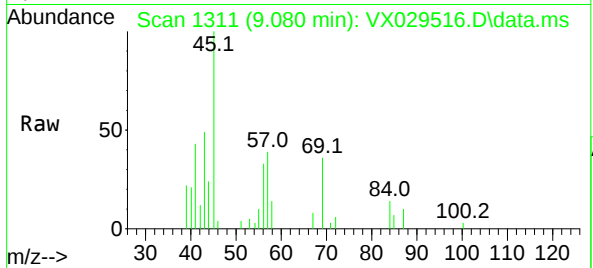




#56
Ethyl methacrylate
Concen: 0.274 ug/l
RT: 9.080 min Scan# 11
Delta R.T. -0.037 min
Lab File: VX029516.D
Acq: 15 Jun 2022 19:28

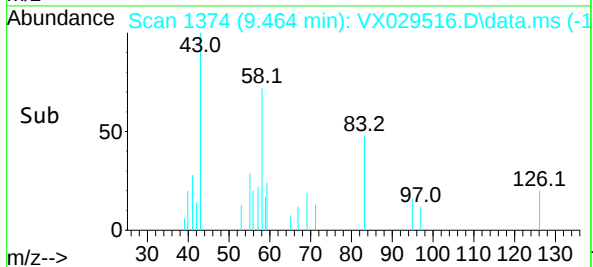
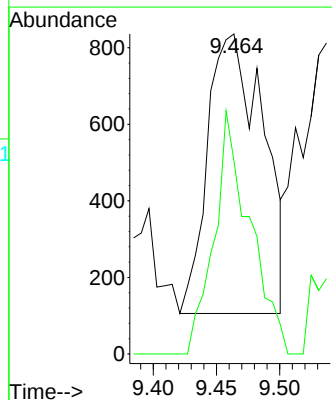
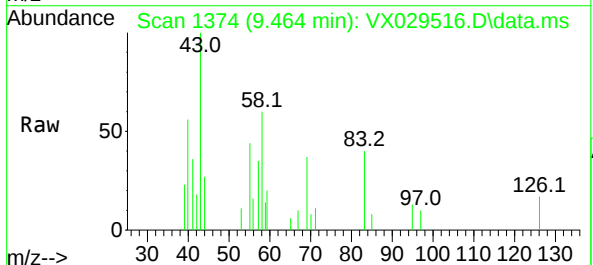
Instrument :
MSVOA_X
ClientSampleId :
40808ME

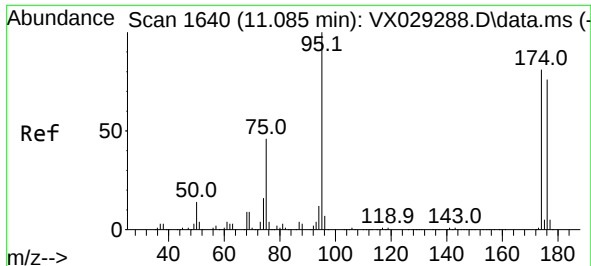
Tgt Ion: 69 Resp: 1998
Ion Ratio Lower Upper
69 100
41 92.9 43.8 65.6#
39 80.7 22.2 33.2#



#59
2-Hexanone
Concen: 0.445 ug/l
RT: 9.464 min Scan# 1374
Delta R.T. 0.030 min
Lab File: VX029516.D
Acq: 15 Jun 2022 19:28

Tgt Ion: 43 Resp: 2224
Ion Ratio Lower Upper
43 100
58 55.7 31.9 95.7

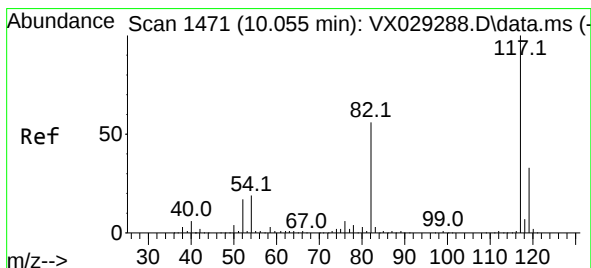
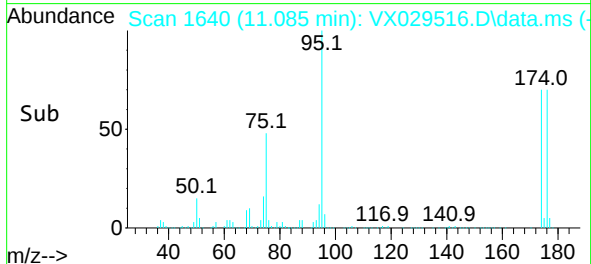
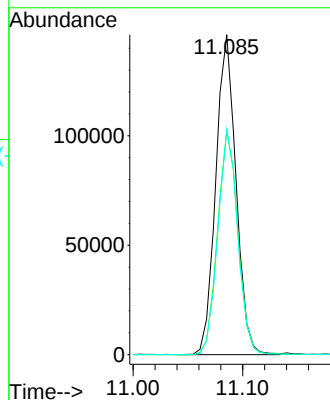
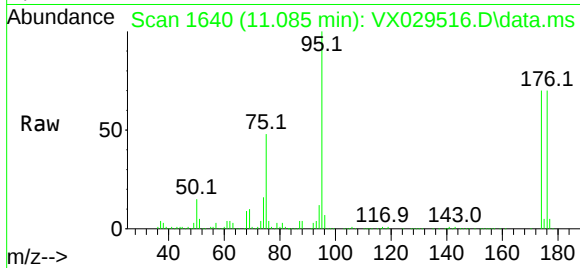




#62
4-Bromofluorobenzene
Concen: 34.570 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX029516.D
Acq: 15 Jun 2022 19:28

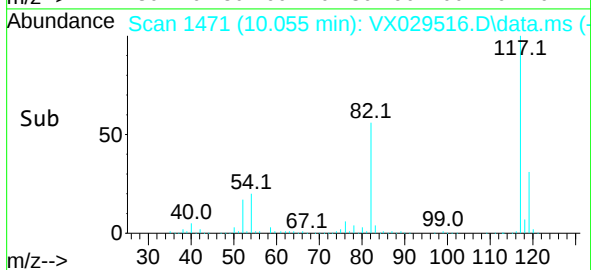
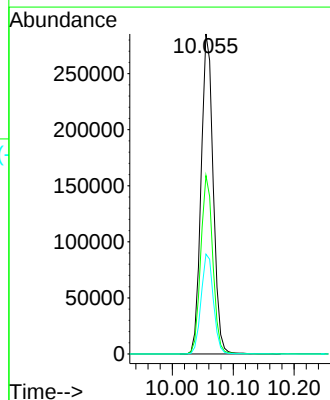
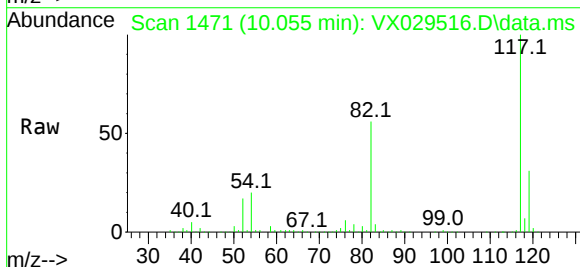
Instrument :
MSVOA_X
ClientSampleId :
40808ME

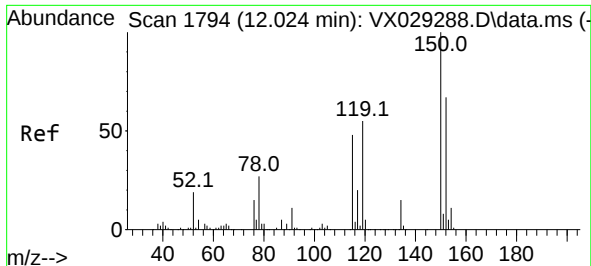
Tgt Ion: 95 Resp: 187662
Ion Ratio Lower Upper
95 100
174 70.3 0.0 163.0
176 69.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029516.D
Acq: 15 Jun 2022 19:28

Tgt Ion: 117 Resp: 392967
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 31.2 24.8 37.2

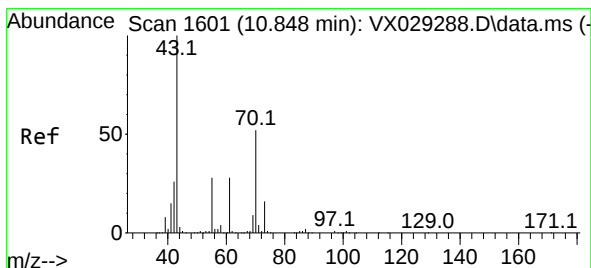
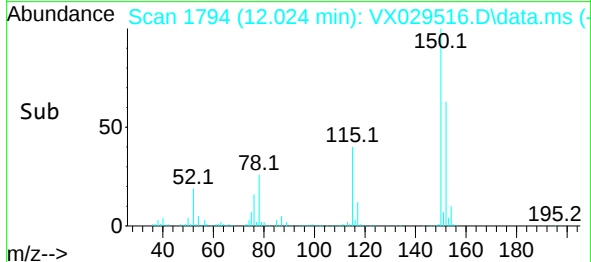
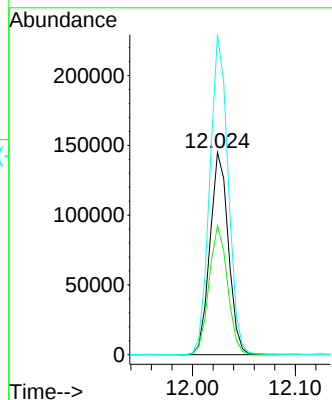
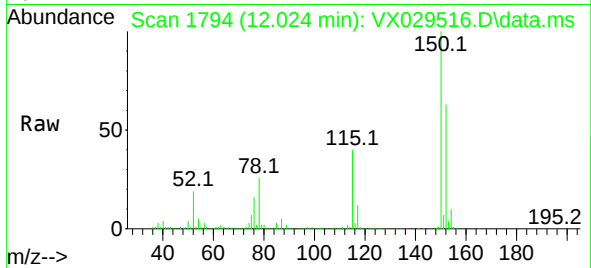




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029516.D
Acq: 15 Jun 2022 19:28

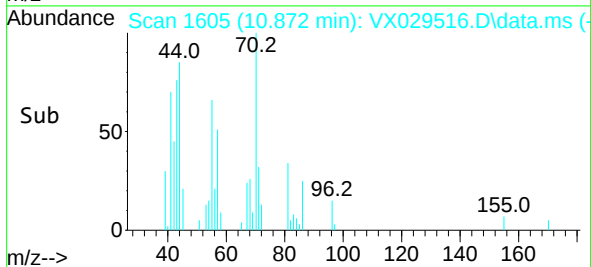
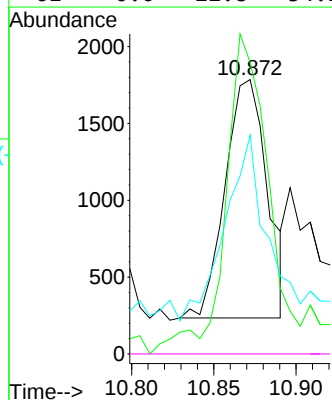
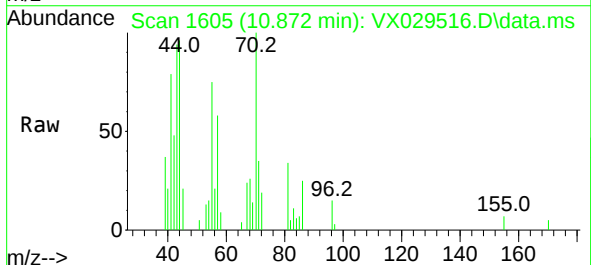
Instrument :
MSVOA_X
ClientSampleId :
40808ME

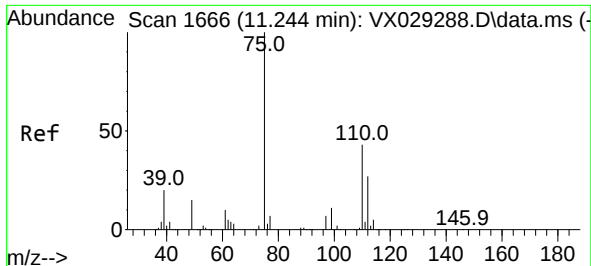
Tgt Ion:152 Resp: 180029
Ion Ratio Lower Upper
152 100
115 64.0 37.5 112.7
150 158.4 0.0 338.2



#74
N-ethyl acetate
Concen: 0.578 ug/l
RT: 10.872 min Scan# 1605
Delta R.T. 0.024 min
Lab File: VX029516.D
Acq: 15 Jun 2022 19:28

Tgt Ion: 43 Resp: 2774
Ion Ratio Lower Upper
43 100
70 134.6 42.5 63.7#
55 82.0 23.1 34.7#
61 0.0 22.8 34.2#

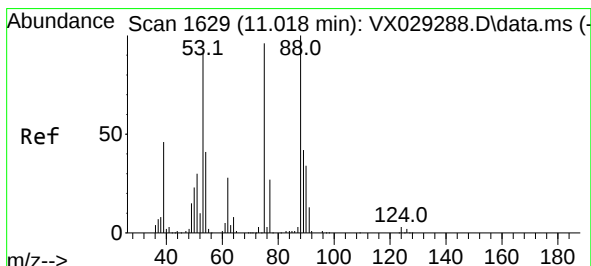
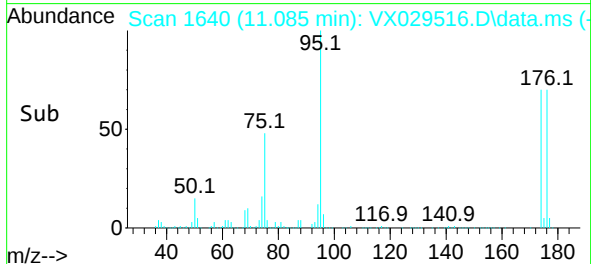
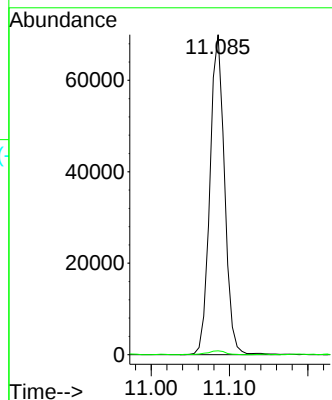
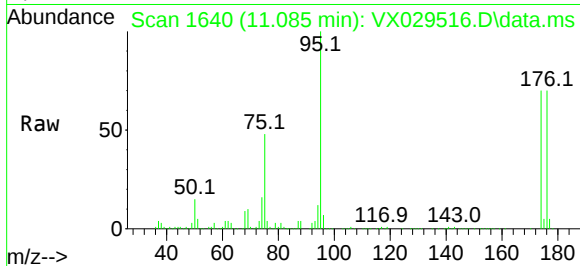




#76
1,2,3-Trichloropropane
Concen: 21.549 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX029516.D
Acq: 15 Jun 2022 19:28

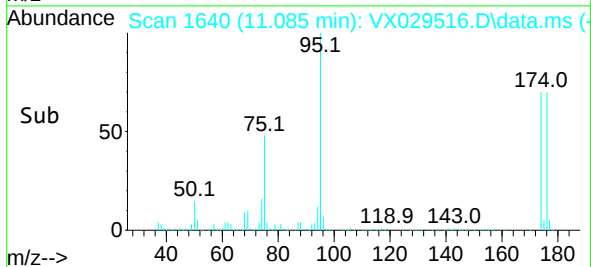
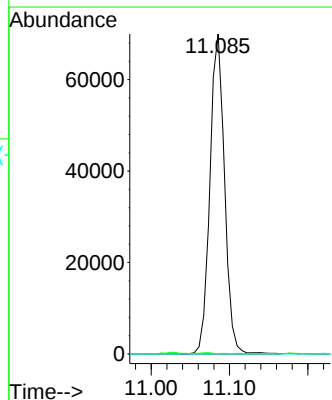
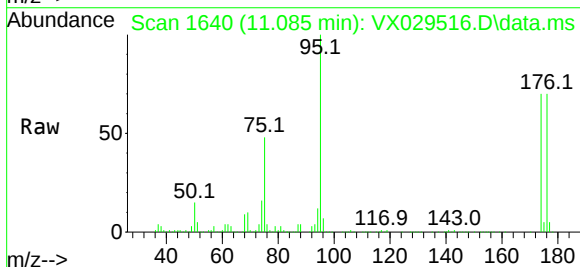
Instrument :
MSVOA_X
ClientSampleId :
40808ME

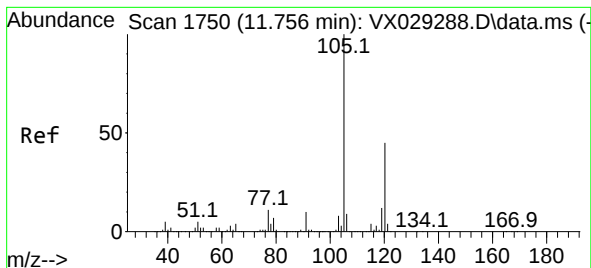
Tgt Ion: 75 Resp: 90613
Ion Ratio Lower Upper
75 100
77 1.5 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.266 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX029516.D
Acq: 15 Jun 2022 19:28

Tgt Ion: 75 Resp: 90613
Ion Ratio Lower Upper
75 100
53 0.2 69.0 103.4#
89 0.0 37.0 55.6#





#84

1,2,4-Trimethylbenzene

Concen: 0.417 ug/l

RT: 11.756 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029516.D

Acq: 15 Jun 2022 19:28

Instrument :

MSVOA_X

ClientSampleId :

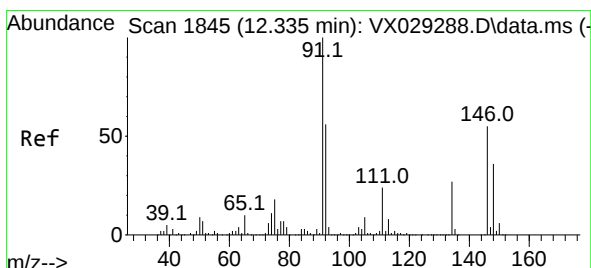
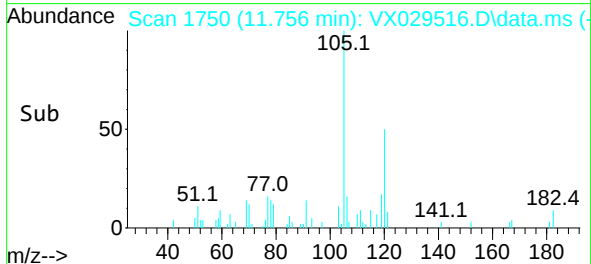
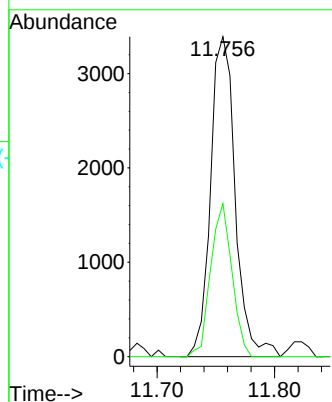
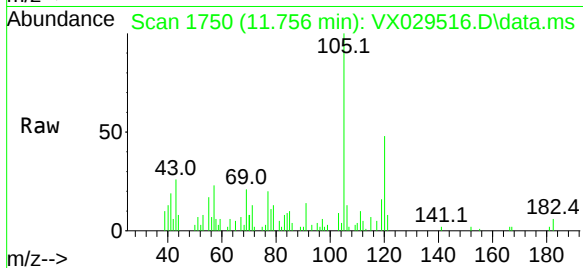
40808ME

Tgt Ion:105 Resp: 4949

Ion Ratio Lower Upper

105 100

120 41.3 22.6 67.8



#89

n-Butylbenzene

Concen: 0.275 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX029516.D

Acq: 15 Jun 2022 19:28

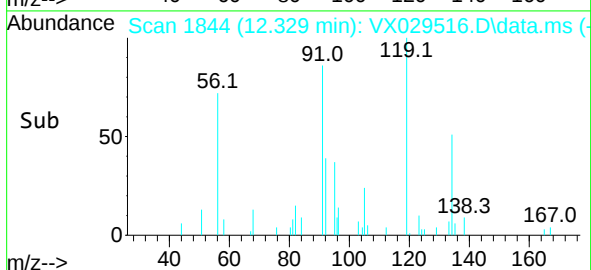
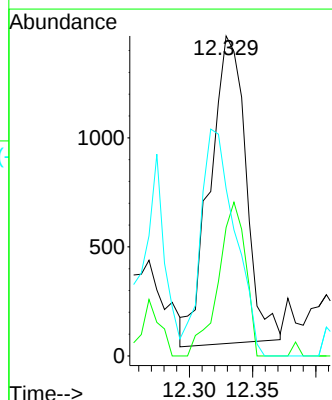
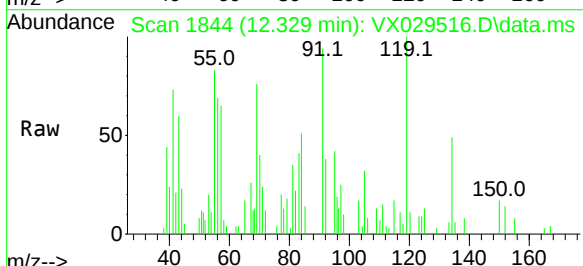
Tgt Ion: 91 Resp: 2788

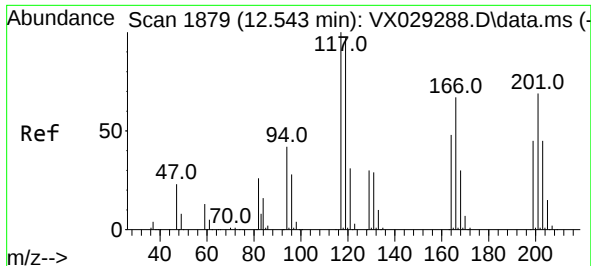
Ion Ratio Lower Upper

91 100

92 37.9 27.8 83.3

134 70.3 13.3 39.8#

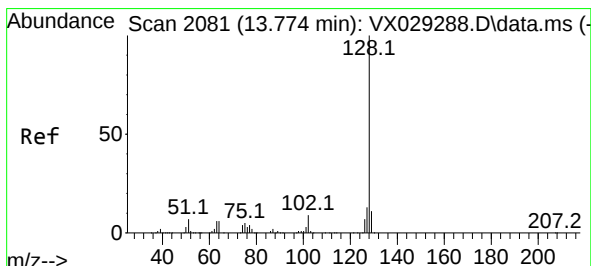
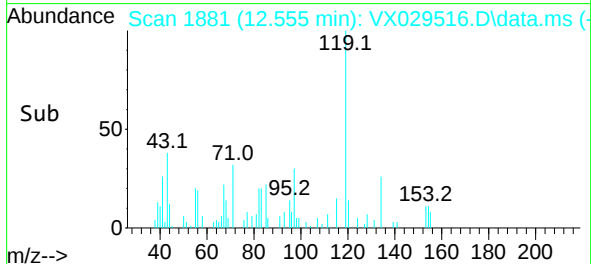
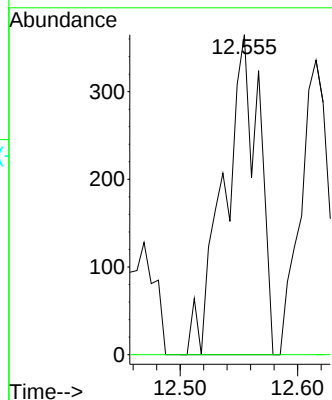
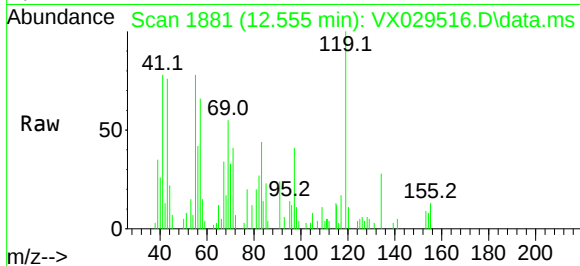




#90
Hexachloroethane
Concen: 0.397 ug/l
RT: 12.555 min Scan# 117
Delta R.T. 0.012 min
Lab File: VX029516.D
Acq: 15 Jun 2022 19:28

Instrument :
MSVOA_X
ClientSampleId :
40808ME

Tgt Ion:117 Resp: 759
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#



#95
Naphthalene
Concen: 0.346 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029516.D
Acq: 15 Jun 2022 19:28

Tgt Ion:128 Resp: 4540
Ion Ratio Lower Upper
128 100
127 14.6 10.2 15.4
129 13.9 8.7 13.1#

