

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013122\
 Data File : VX026687.D
 Acq On : 31 Jan 2022 17:50
 Operator : JC/MD
 Sample : PB142369ZHE#10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142369ZHE#10

Quant Time: Feb 01 06:29:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

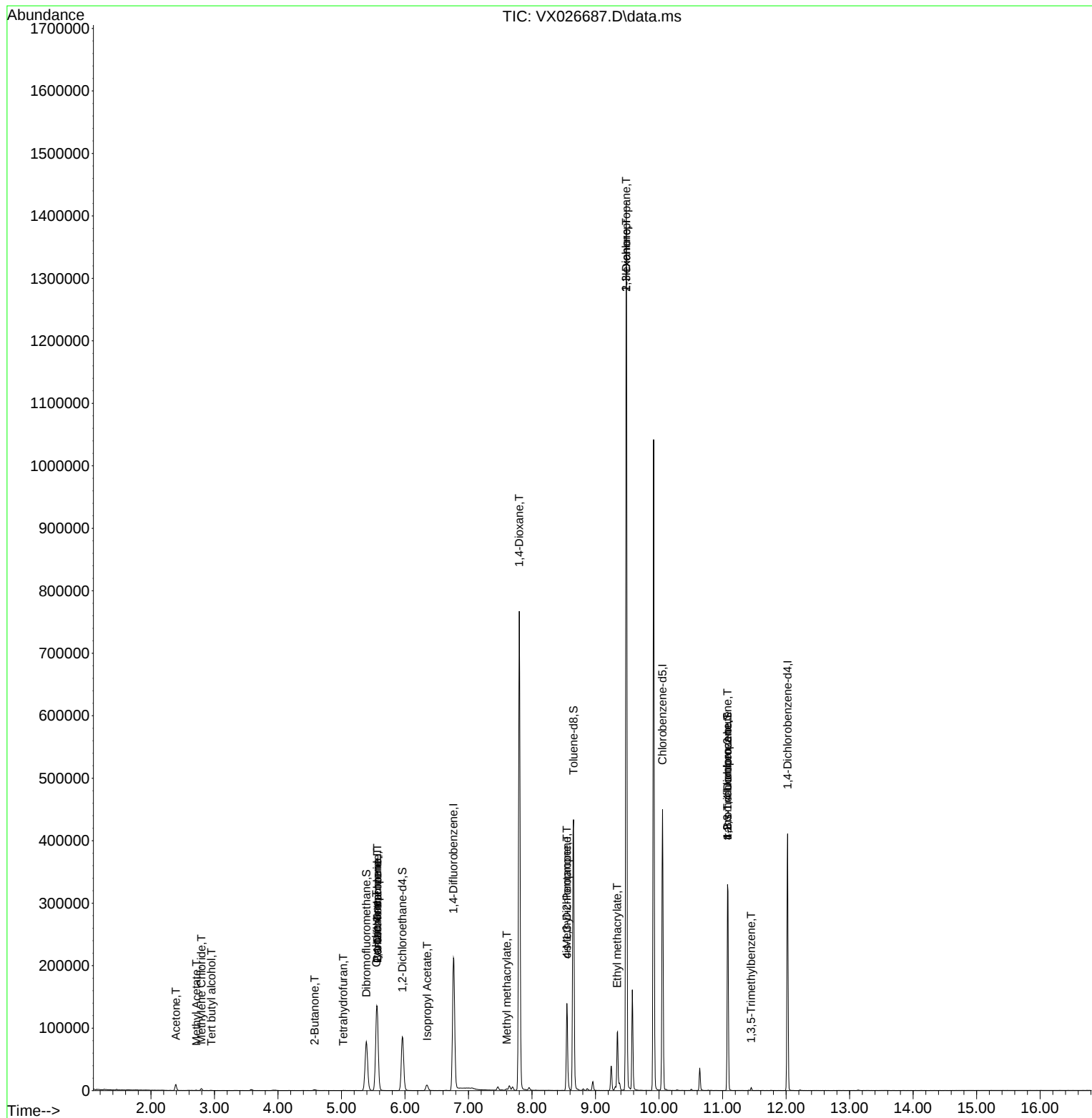
Internal Standards						
1) Pentafluorobenzene	5.562	168	130378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221431	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83899	46.066	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.140%
35) Dibromofluoromethane	5.391	113	68385	47.824	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.640%
50) Toluene-d8	8.653	98	260111	50.479	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.960%
62) 4-Bromofluorobenzene	11.079	95	93379	51.013	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	227	0.896	ug/l #	75
16) Acetone	2.392	43	11830	12.737	ug/l	96
18) Methyl Acetate	2.715	43	886	0.480	ug/l #	88
20) Methylene Chloride	2.794	84	1461	0.952	ug/l	97
25) 2-Butanone	4.574	43	2520	2.086	ug/l	91
29) Tetrahydrofuran	5.025	42	287	0.400	ug/l #	34
31) Cyclohexane	5.550	56	2381	0.886	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	10118	4.482	ug/l #	51
38) Carbon Tetrachloride	5.562	117	13551	5.836	ug/l #	16
43) Isopropyl Acetate	6.348	43	12867	3.488	ug/l	99
48) Methyl methacrylate	7.604	41	3551	1.943	ug/l #	16
49) 1,4-Dioxane	7.799	88	82	2.733	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	46793	21.388	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	21314	8.946	ug/l #	55
56) Ethyl methacrylate	9.342	69	463	0.202	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	12399	4.790	ug/l #	43
59) 2-Hexanone	9.482	43	171123	102.192	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	45749	25.335	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	2264	0.409	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	45749	76.942	ug/l #	3

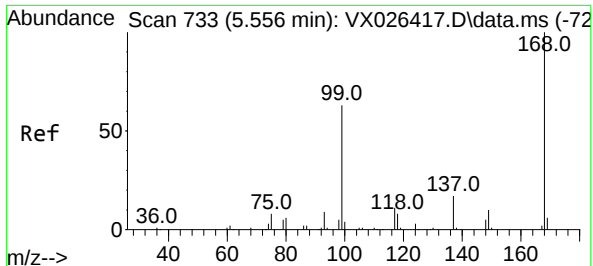
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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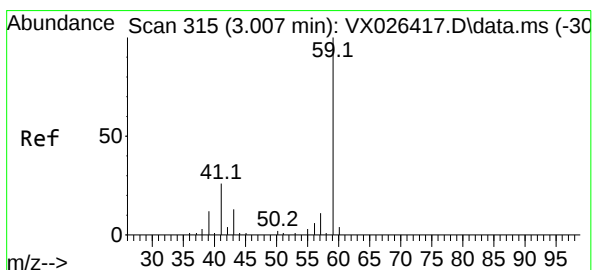
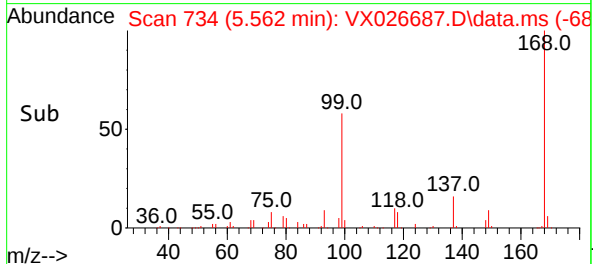
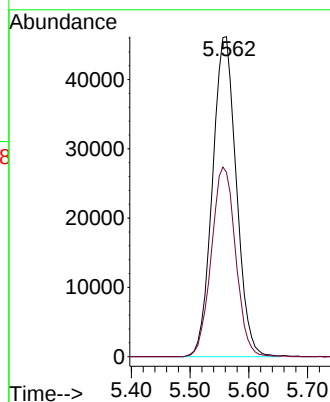
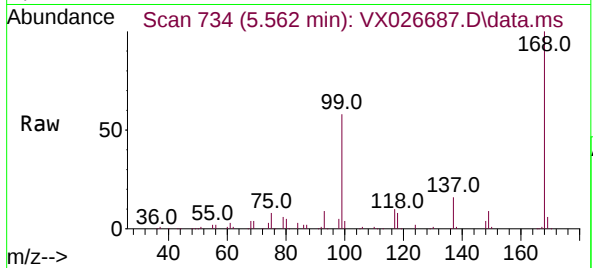




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026687.D
Acq: 31 Jan 2022 17:50

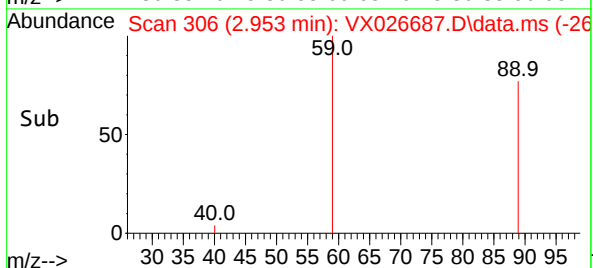
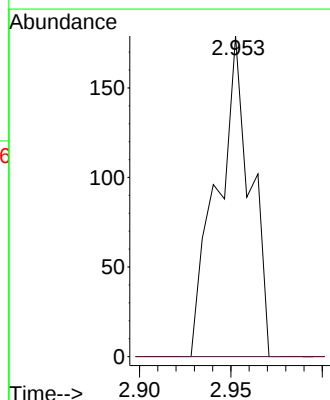
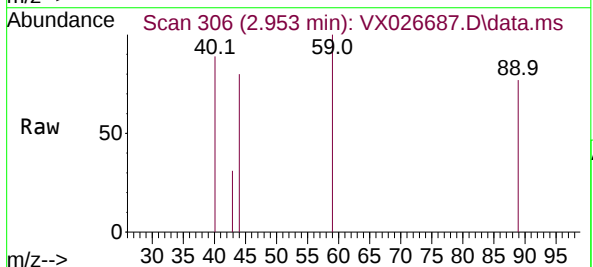
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#10

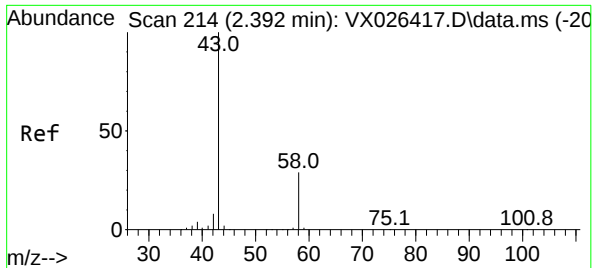
Tgt Ion:168 Resp: 130378
Ion Ratio Lower Upper
168 100
99 57.6 50.3 75.5



#11
Tert butyl alcohol
Concen: 0.896 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.054 min
Lab File: VX026687.D
Acq: 31 Jan 2022 17:50

Tgt Ion: 59 Resp: 227
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

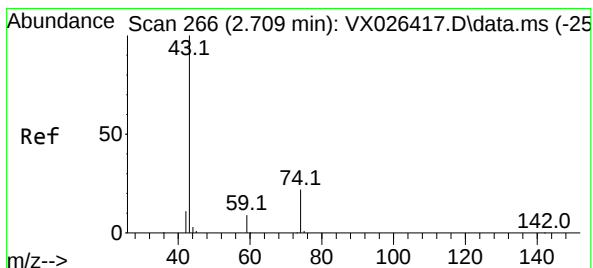
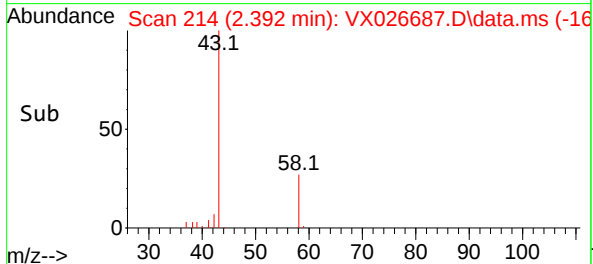
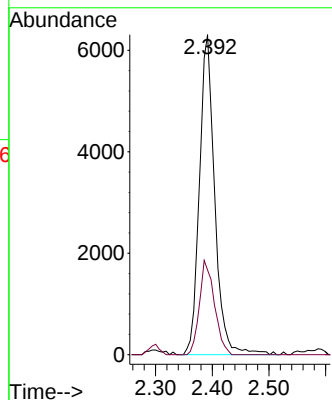
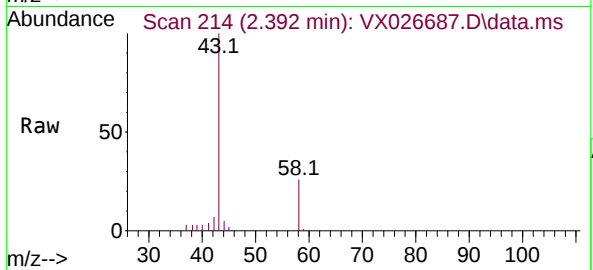




#16
Acetone
Concen: 12.737 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX026687.D
Acq: 31 Jan 2022 17:50

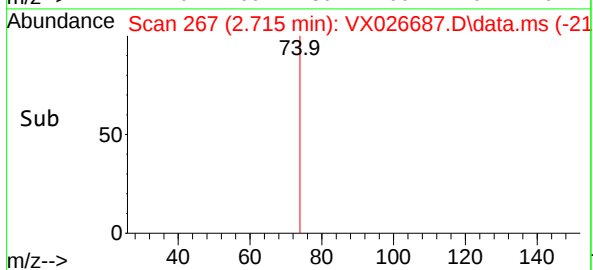
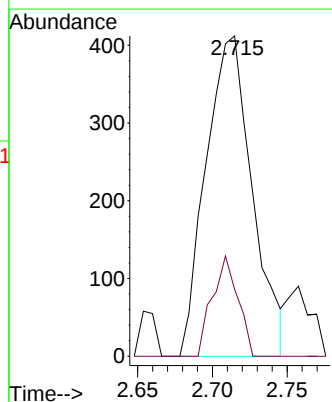
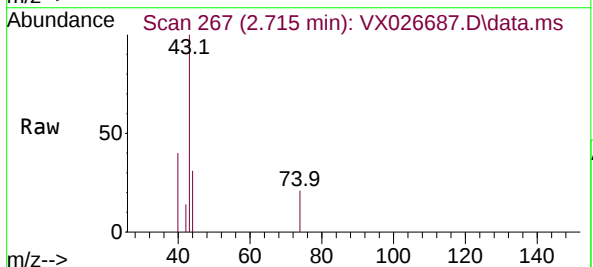
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#10

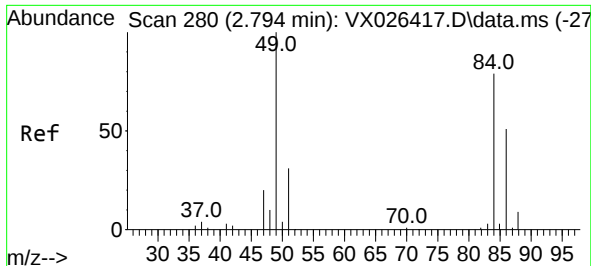
Tgt Ion: 43 Resp: 11830
Ion Ratio Lower Upper
43 100
58 26.4 23.0 34.6



#18
Methyl Acetate
Concen: 0.480 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX026687.D
Acq: 31 Jan 2022 17:50

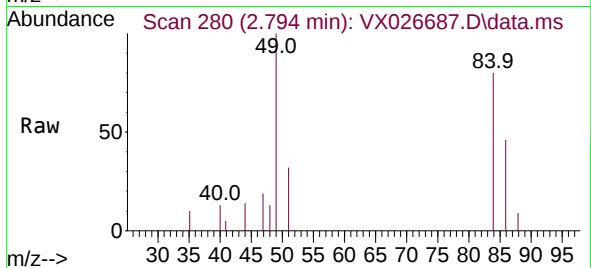
Tgt Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
74 17.3 18.3 27.5#



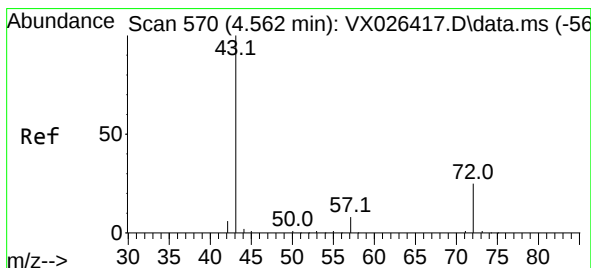
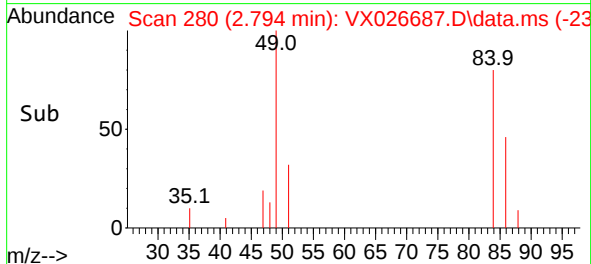
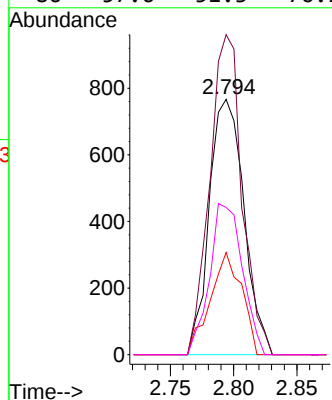


#20
Methylene Chloride
Concen: 0.952 ug/l
RT: 2.794 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026687.D
Acq: 31 Jan 2022 17:50

Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#10

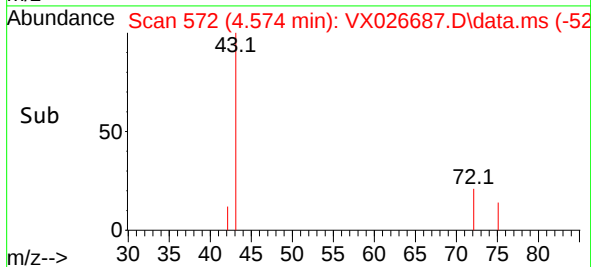
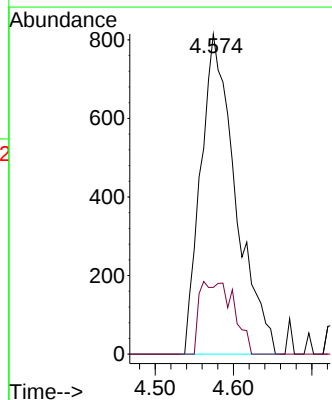
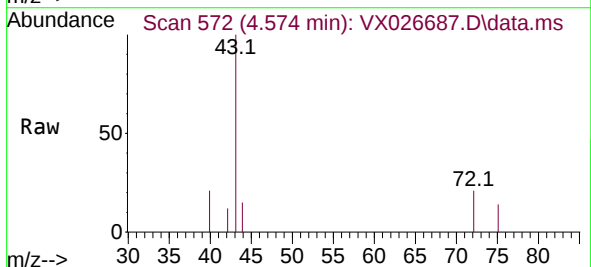


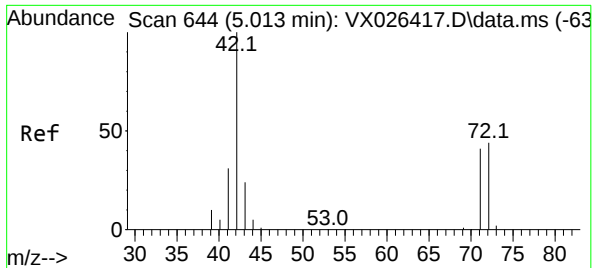
Tgt Ion:	84	Resp:	1461
Ion	Ratio	Lower	Upper
84	100		
49	125.3	101.5	152.3
51	40.0	31.2	46.8
86	57.6	51.3	76.9



#25
2-Butanone
Concen: 2.086 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX026687.D
Acq: 31 Jan 2022 17:50

Tgt Ion:	43	Resp:	2520
Ion	Ratio	Lower	Upper
43	100		
72	20.9	20.4	30.6





#29

Tetrahydrofuran

Concen: 0.400 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX026687.D

Acq: 31 Jan 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

PB142369ZHE#10

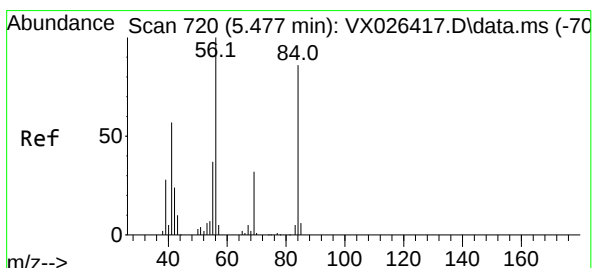
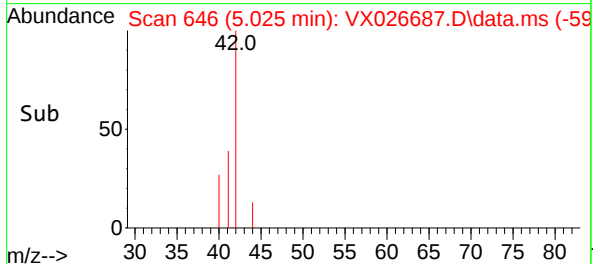
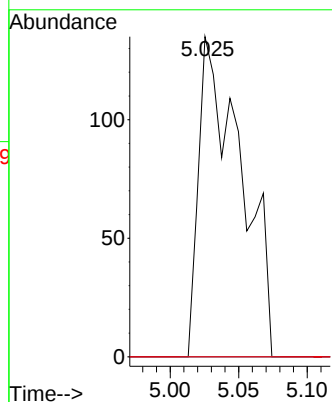
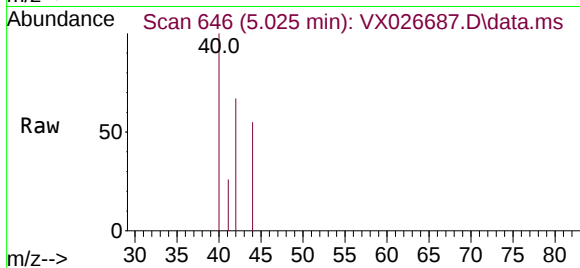
Tgt Ion: 42 Resp: 287

Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

71 0.0 31.8 47.8#



#31

Cyclohexane

Concen: 0.886 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX026687.D

Acq: 31 Jan 2022 17:50

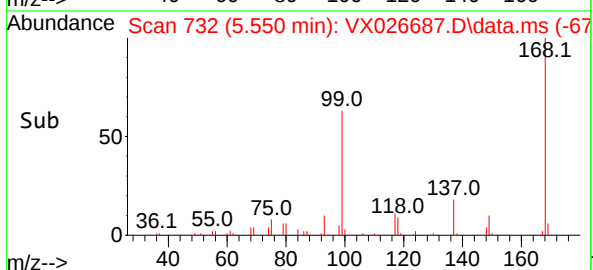
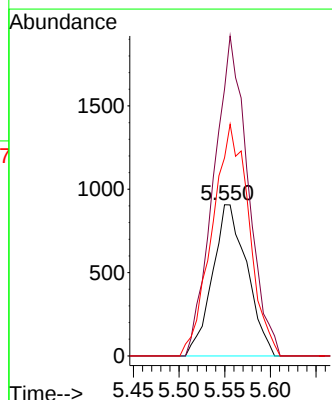
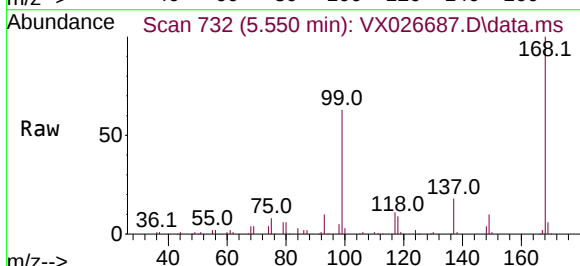
Tgt Ion: 56 Resp: 2381

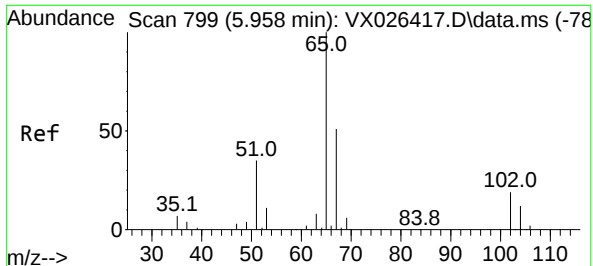
Ion Ratio Lower Upper

56 100

69 176.4 25.8 38.6#

84 131.0 68.9 103.3#

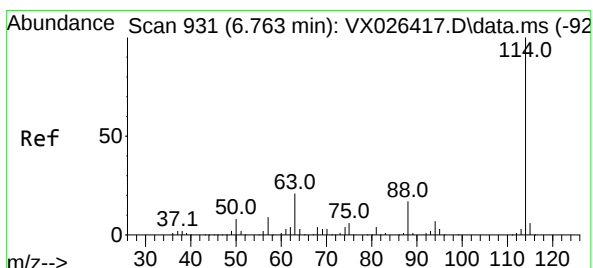
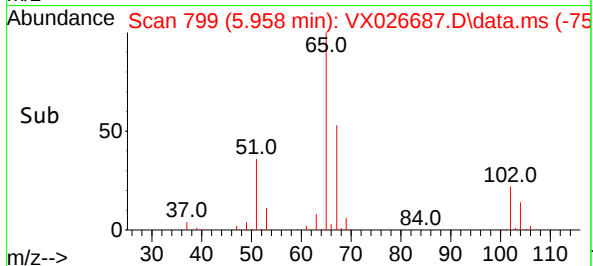
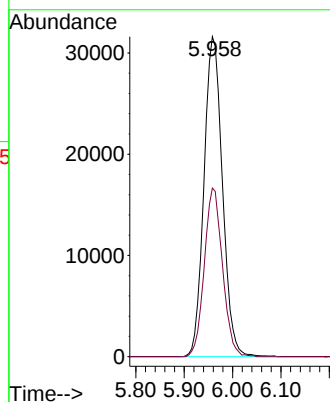
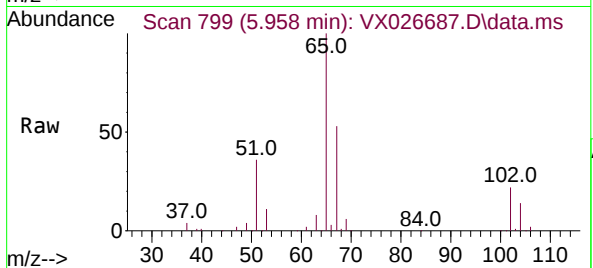




#33
 1,2-Dichloroethane-d4
 Concen: 46.066 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX026687.D
 Acq: 31 Jan 2022 17:50

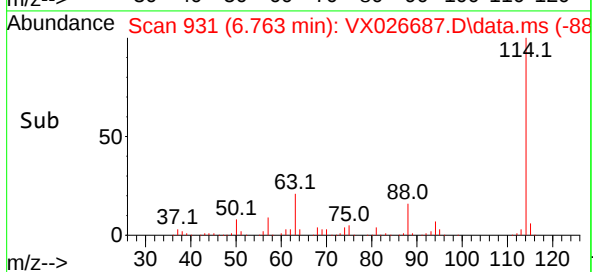
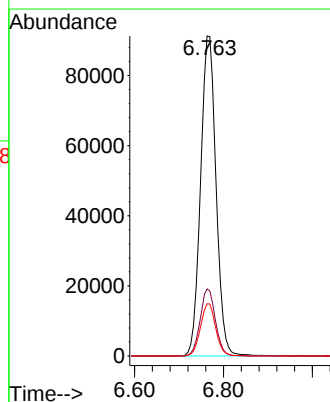
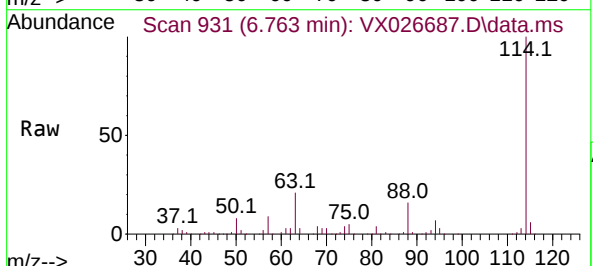
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142369ZHE#10

Tgt Ion: 65 Resp: 83899
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX026687.D
 Acq: 31 Jan 2022 17:50

Tgt Ion: 114 Resp: 221431
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.8
 88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.824 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX026687.D

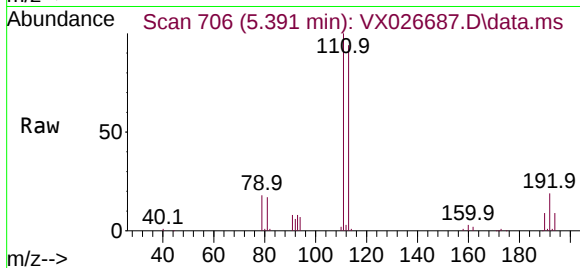
Acq: 31 Jan 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

PB142369ZHE#10



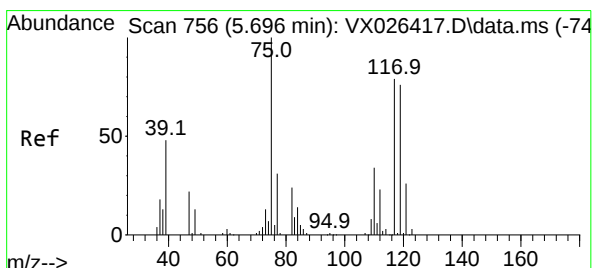
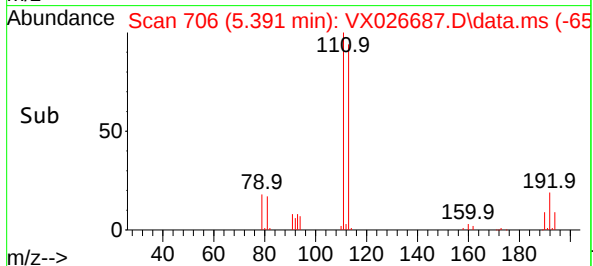
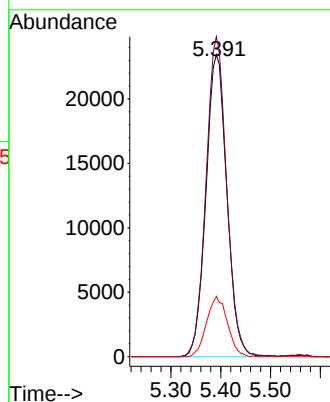
Tgt Ion:113 Resp: 68385

Ion Ratio Lower Upper

113 100

111 104.4 81.2 121.8

192 19.8 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.482 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX026687.D

Acq: 31 Jan 2022 17:50

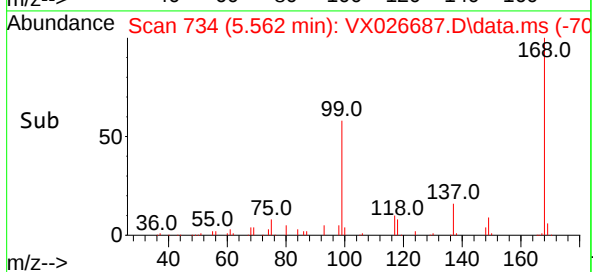
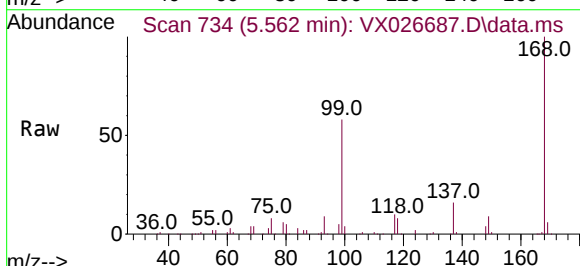
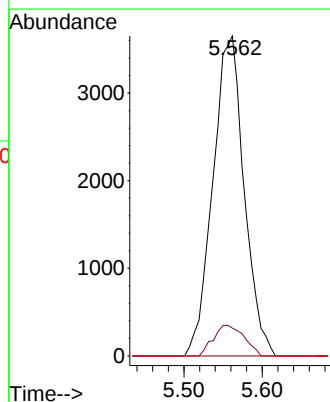
Tgt Ion: 75 Resp: 10118

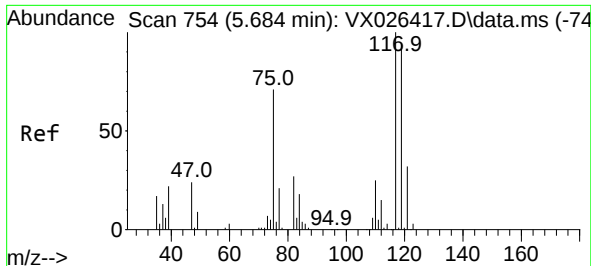
Ion Ratio Lower Upper

75 100

110 9.4 17.2 51.6#

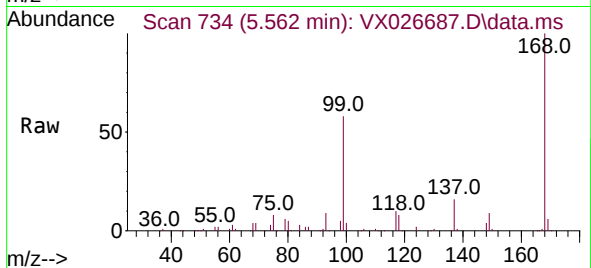
77 0.0 24.6 36.8#



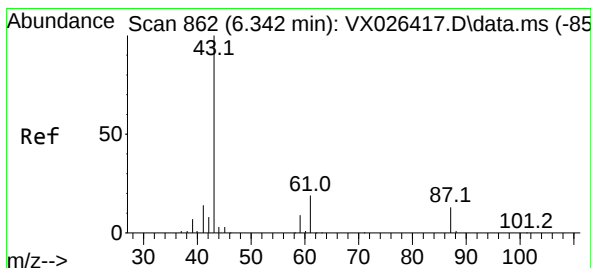
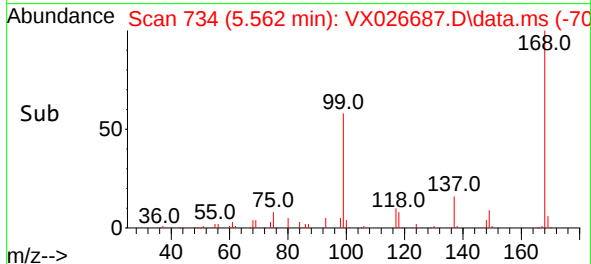
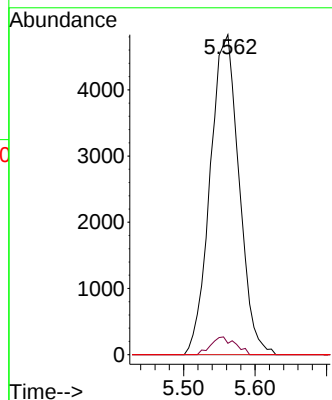


#38
Carbon Tetrachloride
Concen: 5.836 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026687.D
Acq: 31 Jan 2022 17:50

Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#10

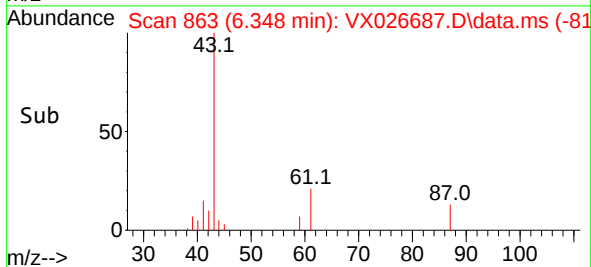
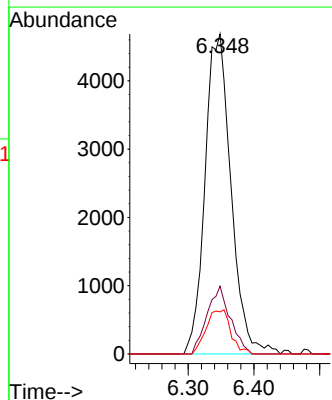
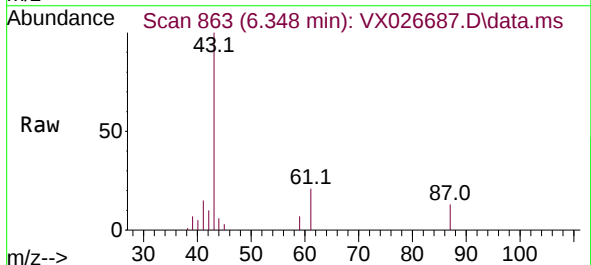


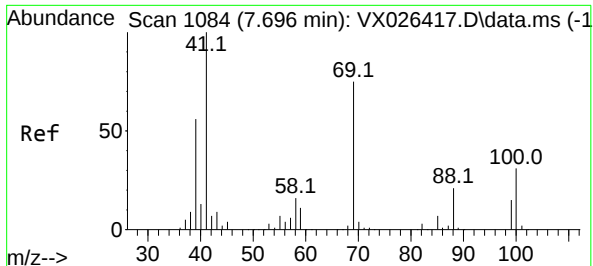
Tgt Ion:117 Resp: 13551
Ion Ratio Lower Upper
117 100
119 3.5 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.488 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX026687.D
Acq: 31 Jan 2022 17:50

Tgt Ion: 43 Resp: 12867
Ion Ratio Lower Upper
43 100
61 18.9 15.4 23.0
87 13.0 10.2 15.2





#48

Methyl methacrylate

Concen: 1.943 ug/l

RT: 7.604 min Scan# 1100

Delta R.T. -0.092 min

Lab File: VX026687.D

Acq: 31 Jan 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

PB142369ZHE#10

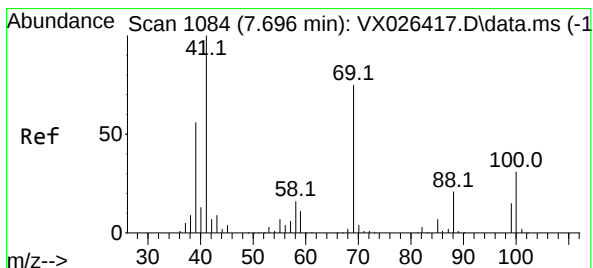
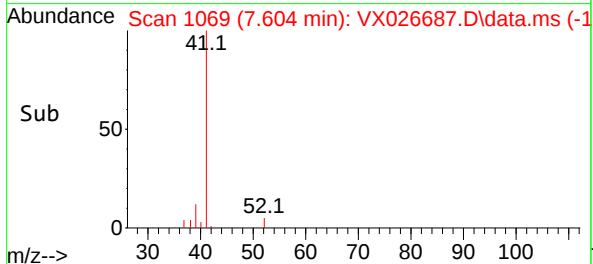
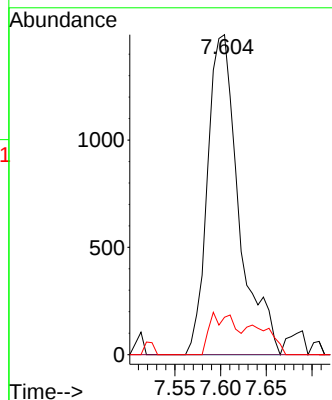
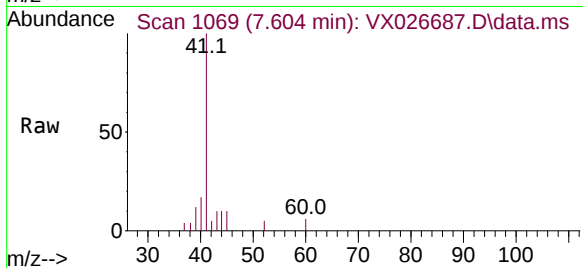
Tgt Ion: 41 Resp: 3551

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 0.0 45.4 68.0#



#49

1,4-Dioxane

Concen: 2.733 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX026687.D

Acq: 31 Jan 2022 17:50

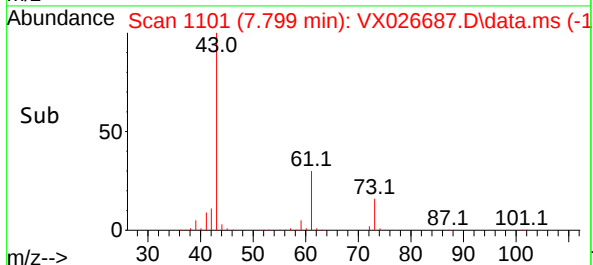
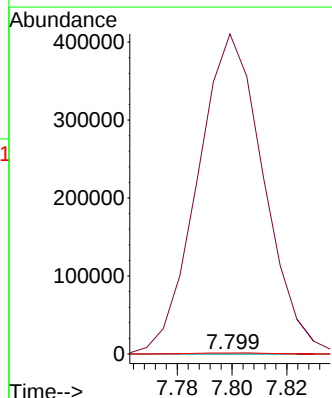
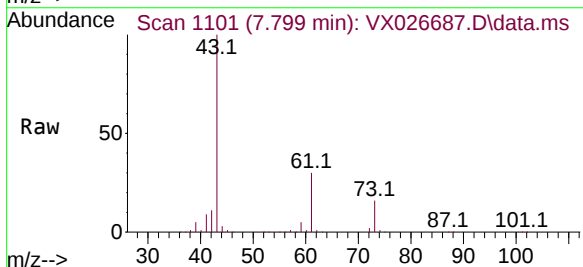
Tgt Ion: 88 Resp: 82

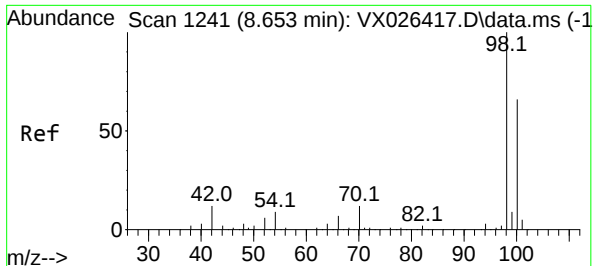
Ion Ratio Lower Upper

88 100

43 845652.4 29.9 44.9#

58 3113.4 57.8 86.6#

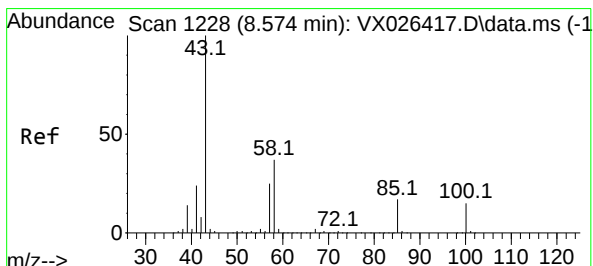
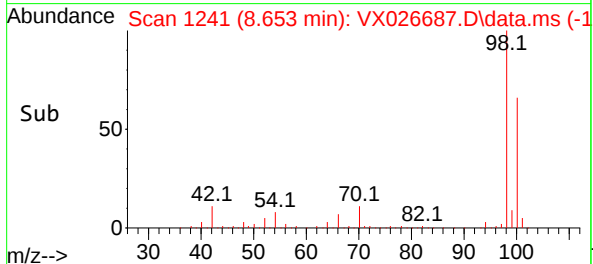
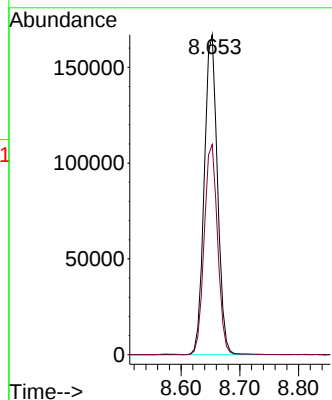
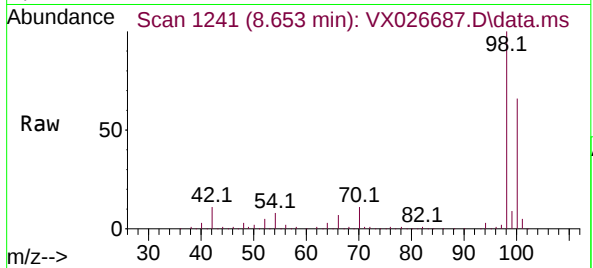




#50
Toluene-d8
Concen: 50.479 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026687.D
Acq: 31 Jan 2022 17:50

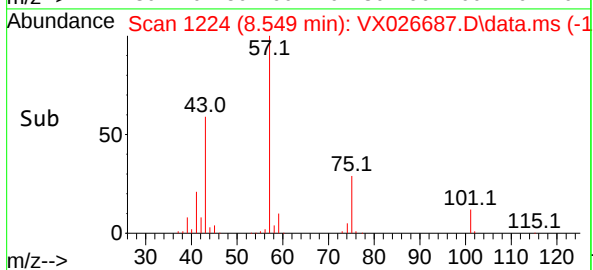
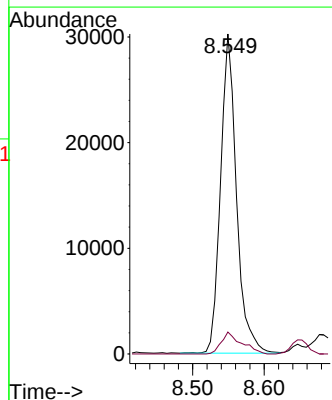
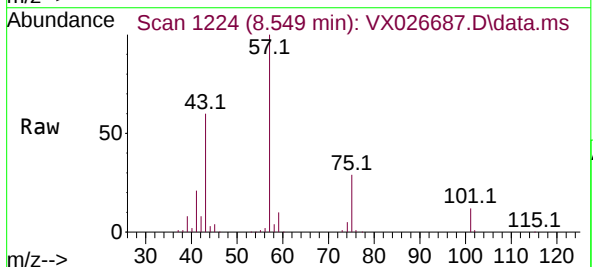
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#10

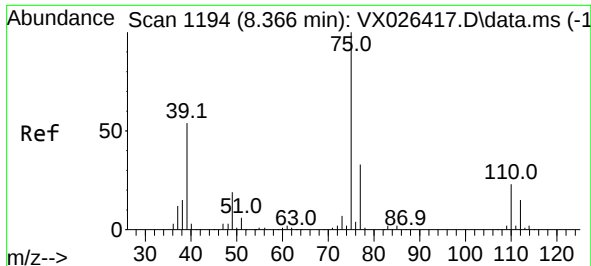
Tgt Ion: 98 Resp: 260111
Ion Ratio Lower Upper
98 100
100 66.9 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 21.388 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026687.D
Acq: 31 Jan 2022 17:50

Tgt Ion: 43 Resp: 46793
Ion Ratio Lower Upper
43 100
58 8.7 30.5 45.7#

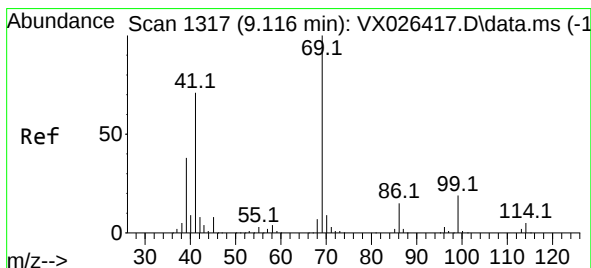
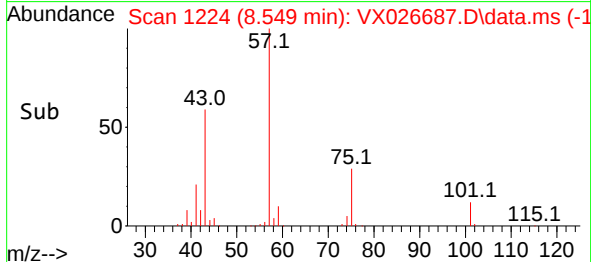
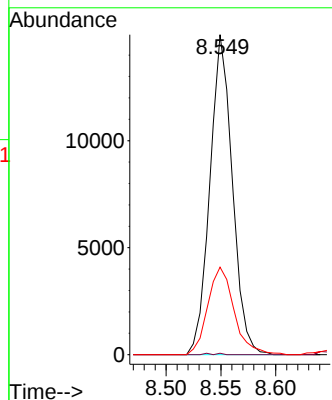
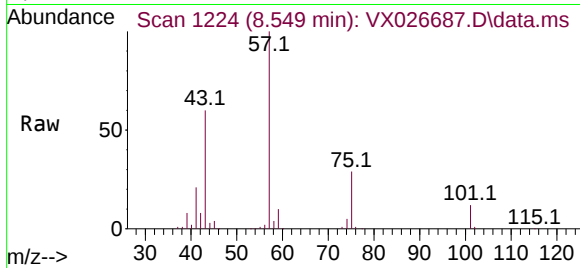




#54
 cis-1,3-Dichloropropene
 Concen: 8.946 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX026687.D
 Acq: 31 Jan 2022 17:50

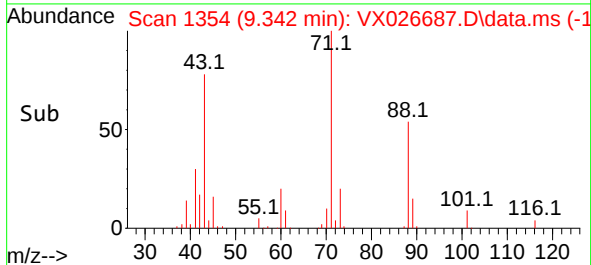
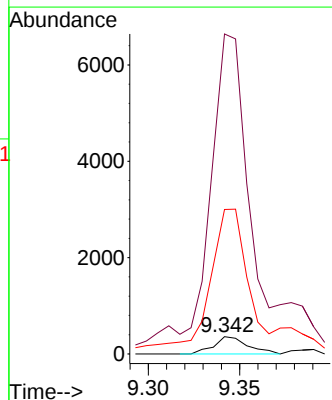
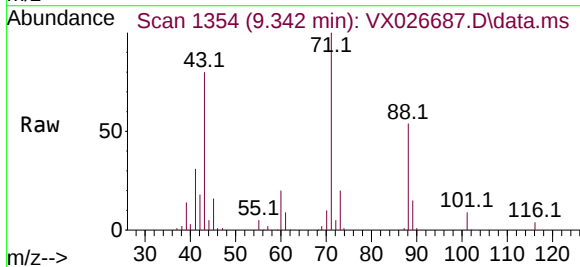
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142369ZHE#10

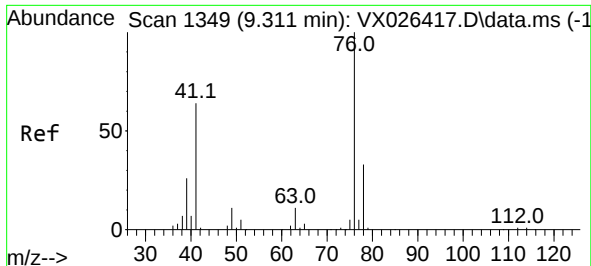
Tgt Ion: 75 Resp: 21314
 Ion Ratio Lower Upper
 75 100
 77 0.4 26.2 39.2#
 39 27.3 43.5 65.3#



#56
 Ethyl methacrylate
 Concen: 0.202 ug/l
 RT: 9.342 min Scan# 1354
 Delta R.T. 0.226 min
 Lab File: VX026687.D
 Acq: 31 Jan 2022 17:50

Tgt Ion: 69 Resp: 463
 Ion Ratio Lower Upper
 69 100
 41 2277.5 57.2 85.8#
 39 1131.7 30.9 46.3#





#57

1,3-Dichloropropane

Concen: 4.790 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026687.D

Acq: 31 Jan 2022 17:50

Instrument :

MSVOA_X

ClientSampleId :

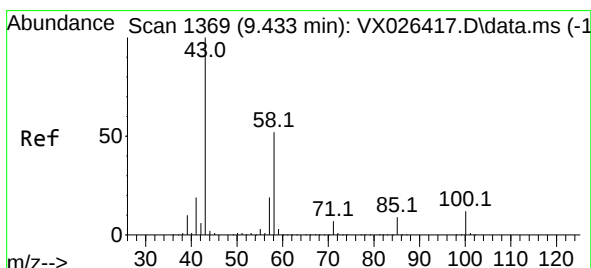
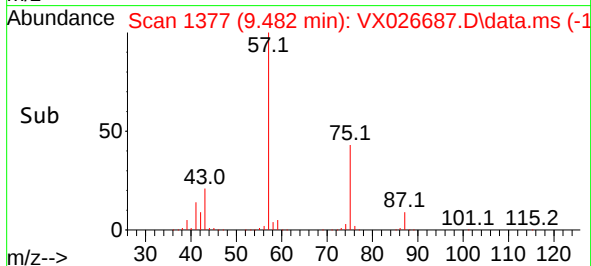
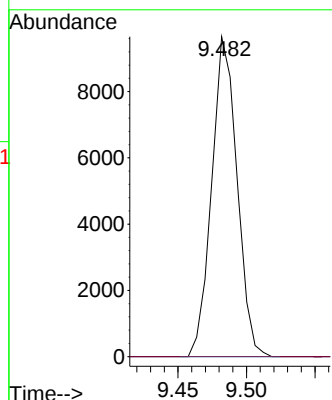
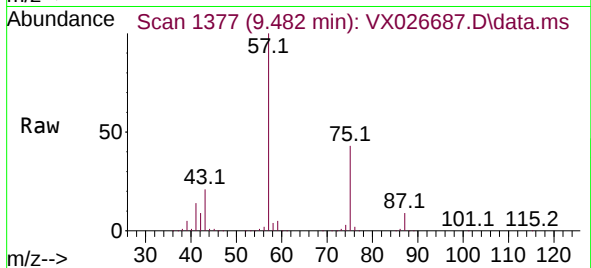
PB142369ZHE#10

Tgt Ion: 76 Resp: 12399

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 102.192 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026687.D

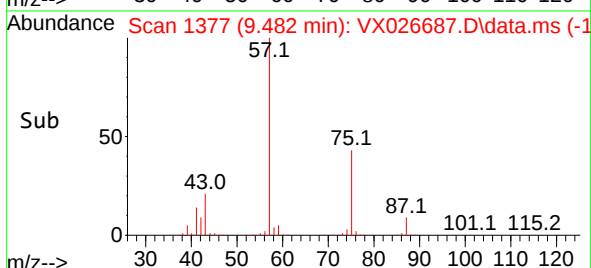
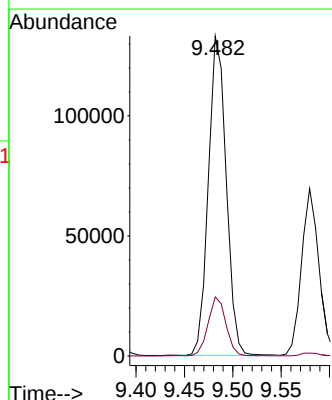
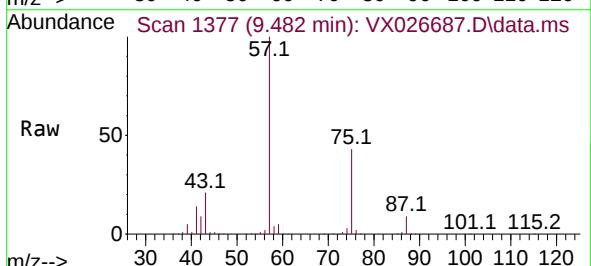
Acq: 31 Jan 2022 17:50

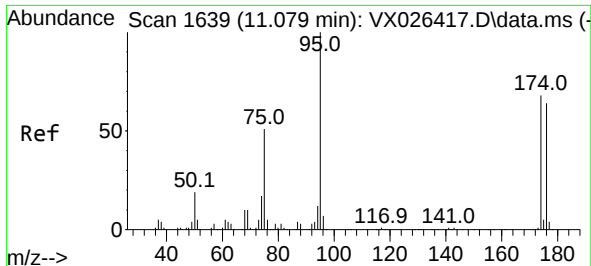
Tgt Ion: 43 Resp: 171123

Ion Ratio Lower Upper

43 100

58 18.6 26.4 79.2#

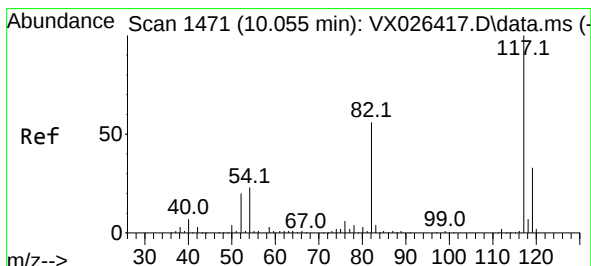
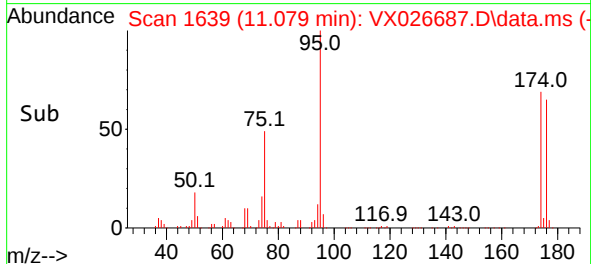
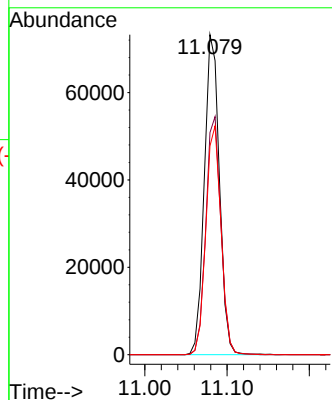
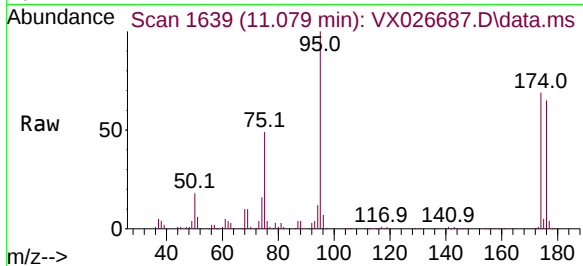




#62
4-Bromofluorobenzene
Concen: 51.013 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026687.D
Acq: 31 Jan 2022 17:50

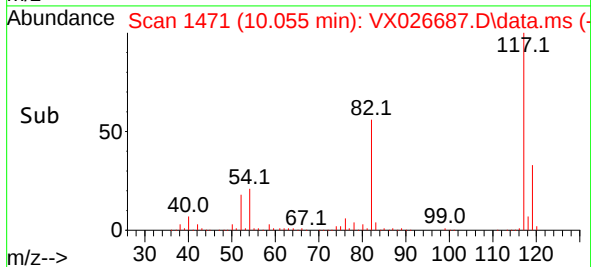
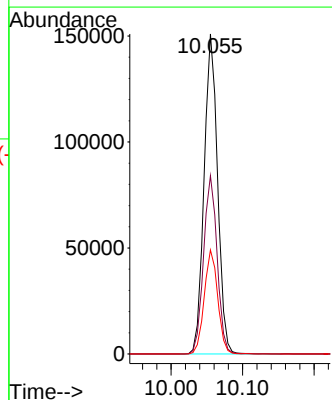
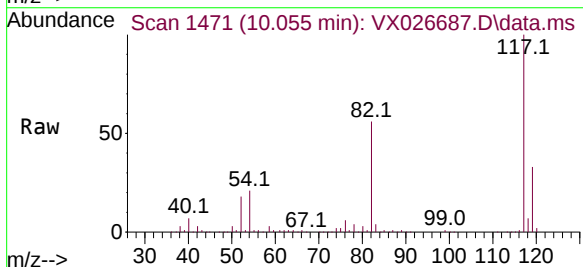
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#10

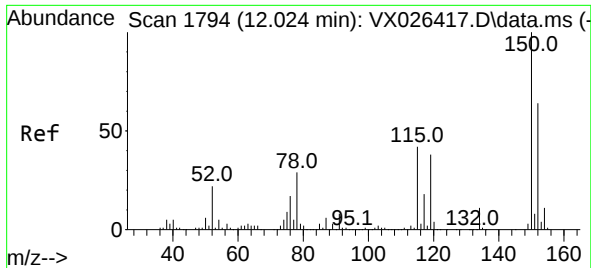
Tgt Ion: 95 Resp: 93379
Ion Ratio Lower Upper
95 100
174 74.0 0.0 148.6
176 71.9 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026687.D
Acq: 31 Jan 2022 17:50

Tgt Ion: 117 Resp: 197939
Ion Ratio Lower Upper
117 100
82 55.7 45.2 67.8
119 32.5 26.2 39.2

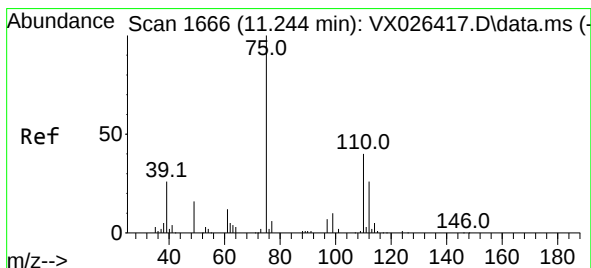
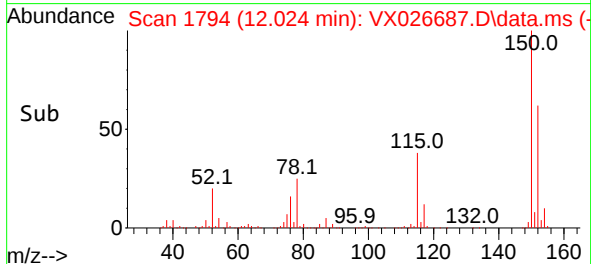
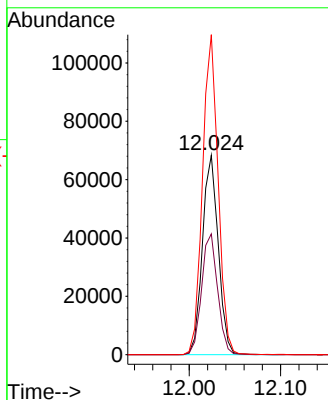
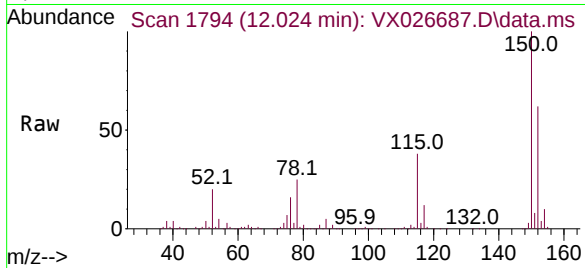




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX026687.D
 Acq: 31 Jan 2022 17:50

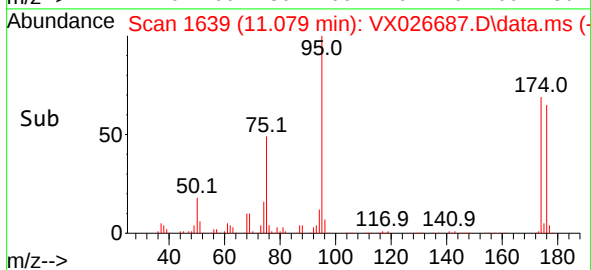
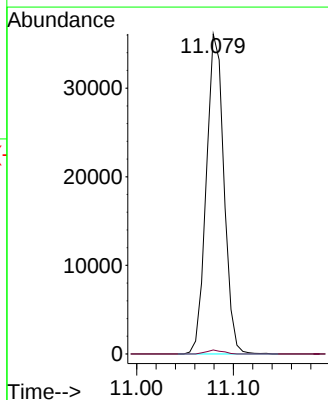
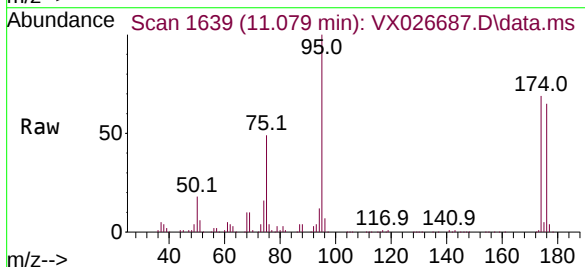
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142369ZHE#10

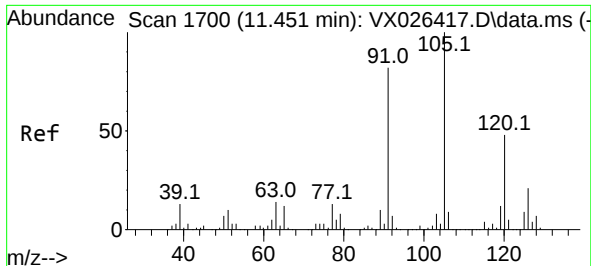
Tgt Ion:152 Resp: 82013
 Ion Ratio Lower Upper
 152 100
 115 61.3 44.2 132.6
 150 158.1 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 25.335 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026687.D
 Acq: 31 Jan 2022 17:50

Tgt Ion: 75 Resp: 45749
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.3 54.8#

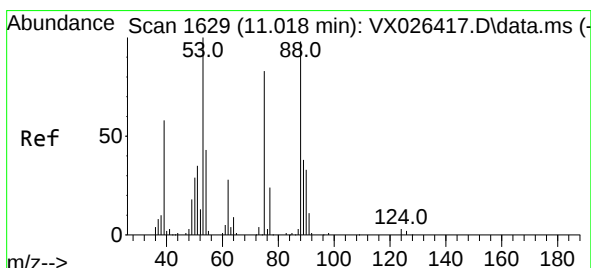
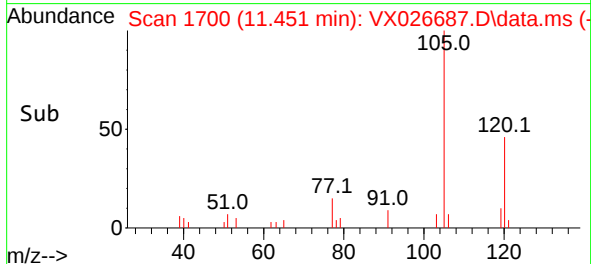
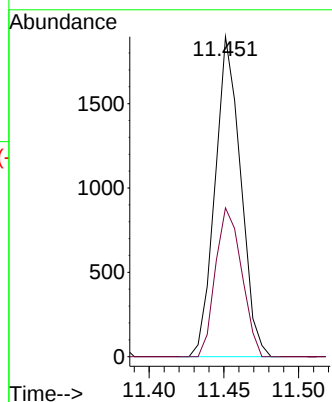
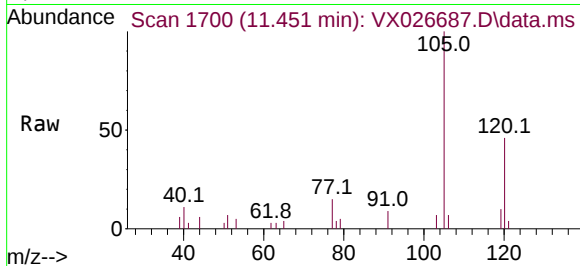




#80
1,3,5-Trimethylbenzene
Concen: 0.409 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026687.D
Acq: 31 Jan 2022 17:50

Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#10

Tgt Ion:105 Resp: 2264
Ion Ratio Lower Upper
105 100
120 47.3 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 76.942 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026687.D
Acq: 31 Jan 2022 17:50

Tgt Ion: 75 Resp: 45749
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

