

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020122\
 Data File : VX026719.D
 Acq On : 01 Feb 2022 19:57
 Operator : JC/MD
 Sample : PB142403ZHE#12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#12

Quant Time: Feb 02 04:38:00 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)

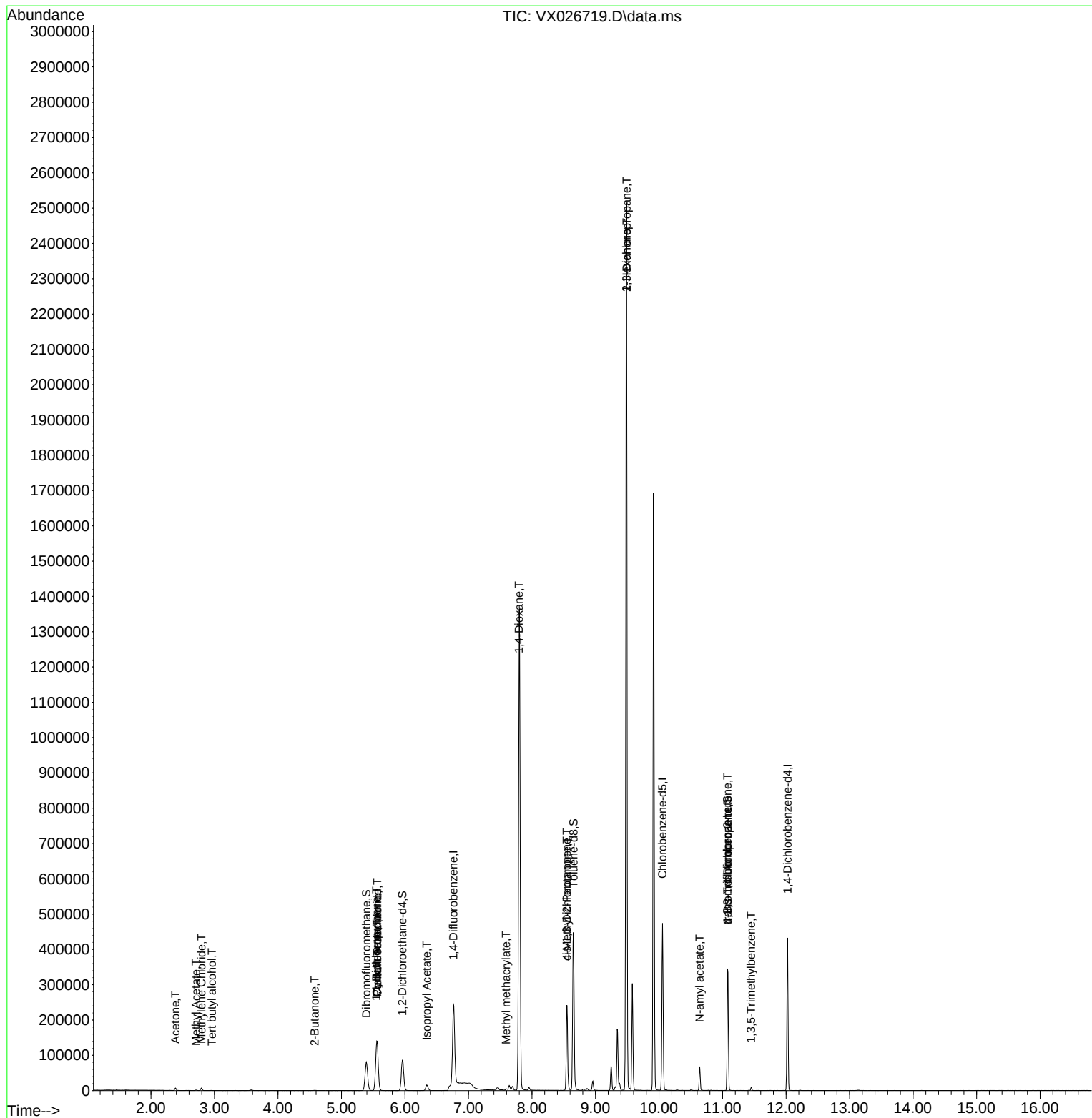
Internal Standards						
1) Pentafluorobenzene	5.562	168	135553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229349	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85485	45.145	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.280%
35) Dibromofluoromethane	5.391	113	70661	47.710	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.420%
50) Toluene-d8	8.653	98	269169	50.433	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.860%
62) 4-Bromofluorobenzene	11.079	95	98009	51.694	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.380%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	117	0.444	ug/l #	75
16) Acetone	2.386	43	8263	8.557	ug/l	99
18) Methyl Acetate	2.709	43	2040	1.063	ug/l	91
20) Methylene Chloride	2.794	84	3027	1.897	ug/l	97
25) 2-Butanone	4.574	43	1621	1.291	ug/l	94
31) Cyclohexane	5.556	56	2730	0.977	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10351	4.427	ug/l #	51
38) Carbon Tetrachloride	5.562	117	14120	5.871	ug/l #	18
43) Isopropyl Acetate	6.342	43	21894	5.731	ug/l	99
48) Methyl methacrylate	7.592	41	6119	3.232	ug/l #	16
49) 1,4-Dioxane	7.793	88	115	3.701	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	80620	35.577	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	38320	15.528	ug/l #	55
57) 1,3-Dichloropropane	9.488	76	22045	8.222	ug/l #	43
59) 2-Hexanone	9.488	43	304111	175.341	ug/l #	51
74) N-amyl acetate	10.640	43	16135	5.710	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	47054	23.932	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.451	105	4336	0.719	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.079	75	47054	72.955	ug/l #	3

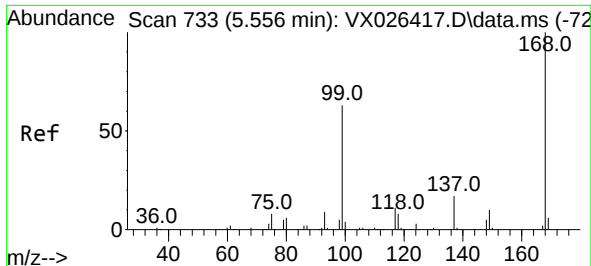
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

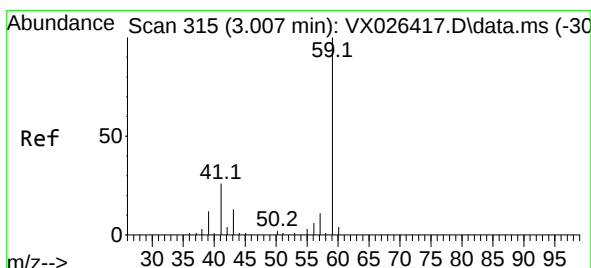
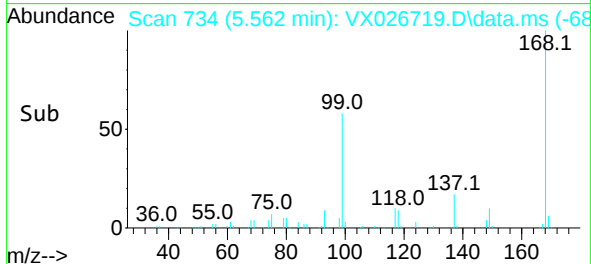
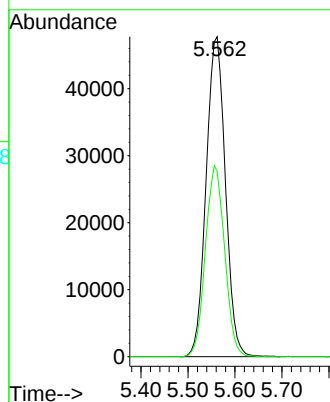
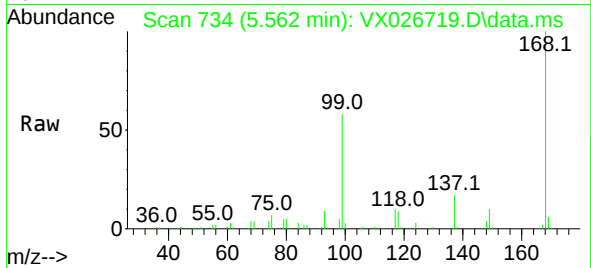




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026719.D
Acq: 01 Feb 2022 19:57

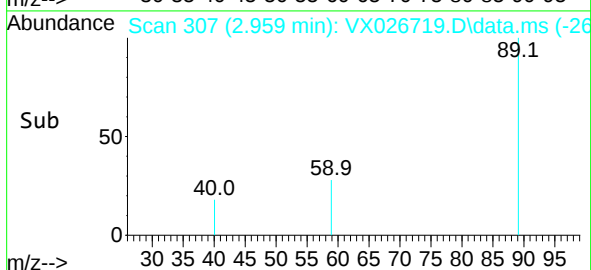
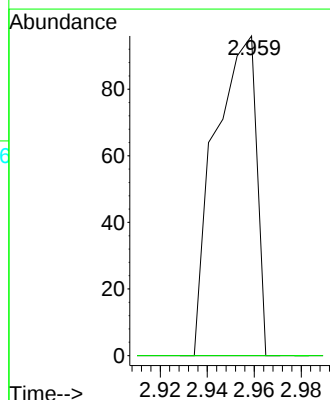
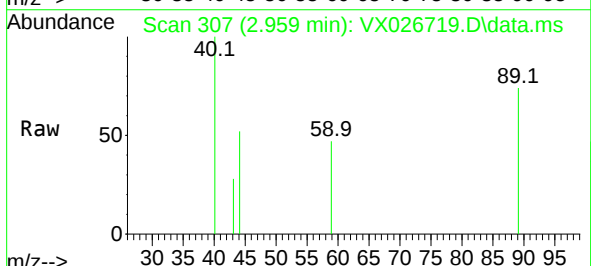
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#12

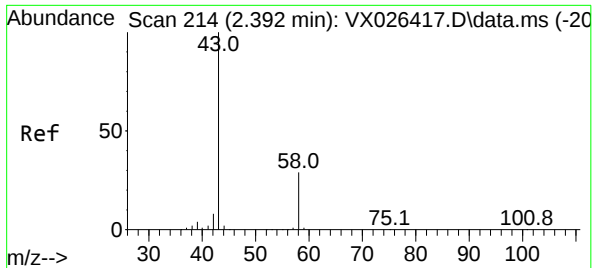
Tgt Ion:168 Resp: 135553
Ion Ratio Lower Upper
168 100
99 58.0 50.3 75.5



#11
Tert butyl alcohol
Concen: 0.444 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.048 min
Lab File: VX026719.D
Acq: 01 Feb 2022 19:57

Tgt Ion: 59 Resp: 117
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

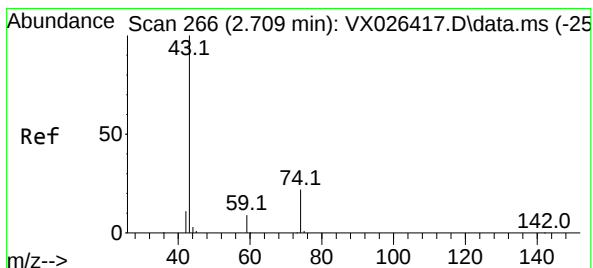
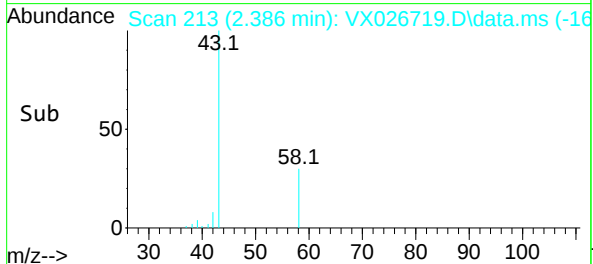
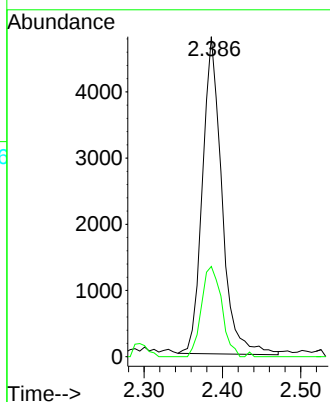
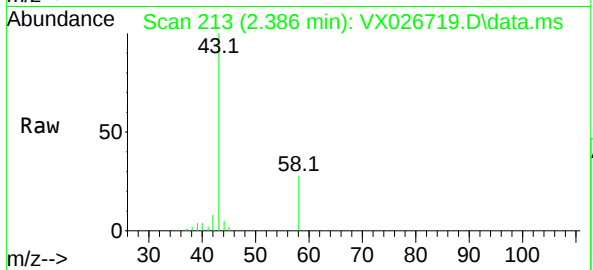




#16
Acetone
Concen: 8.557 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026719.D
Acq: 01 Feb 2022 19:57

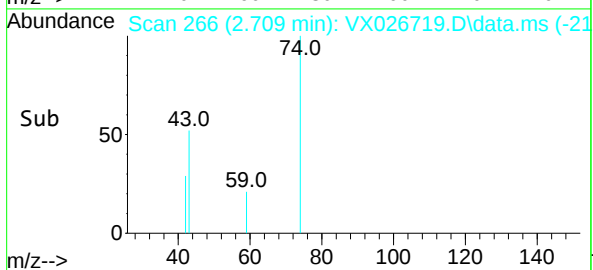
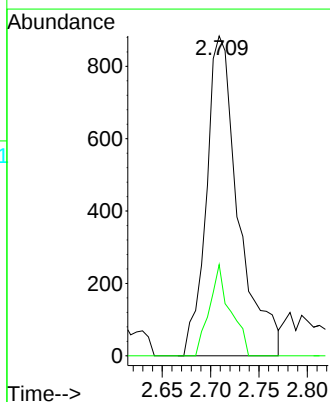
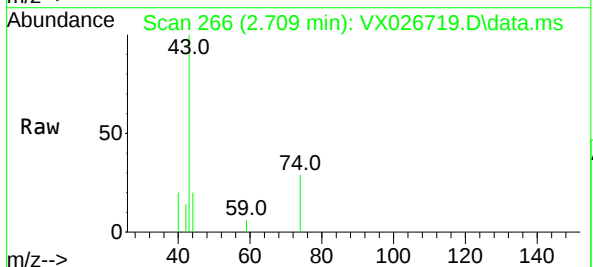
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#12

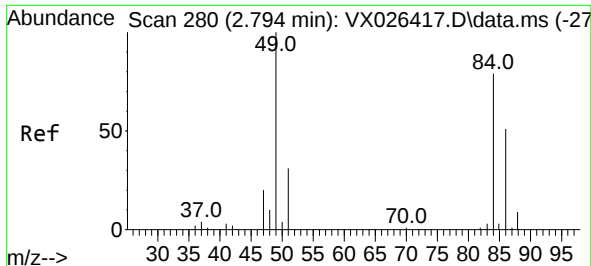
Tgt Ion: 43 Resp: 8263
Ion Ratio Lower Upper
43 100
58 28.5 23.0 34.6



#18
Methyl Acetate
Concen: 1.063 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX026719.D
Acq: 01 Feb 2022 19:57

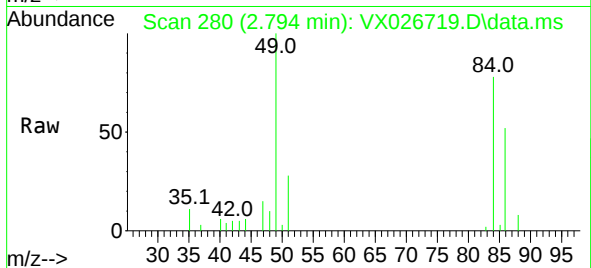
Tgt Ion: 43 Resp: 2040
Ion Ratio Lower Upper
43 100
74 18.6 18.3 27.5



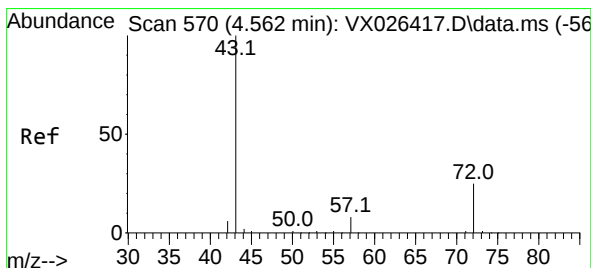
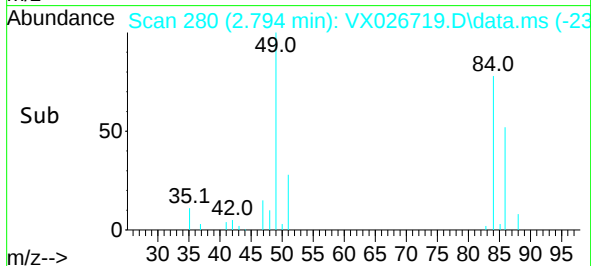
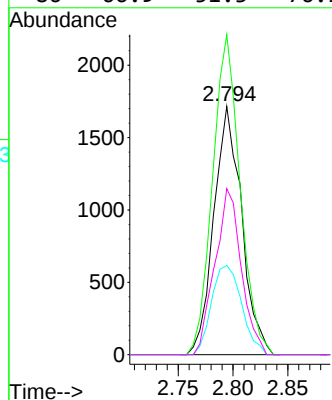


#20
Methylene Chloride
Concen: 1.897 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026719.D
Acq: 01 Feb 2022 19:57

Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#12

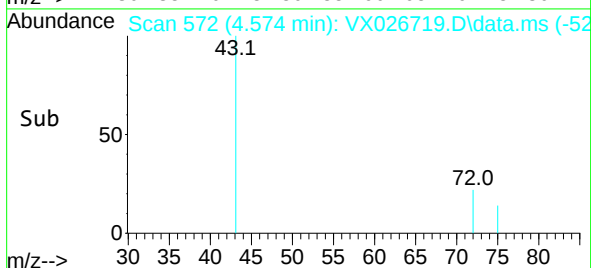
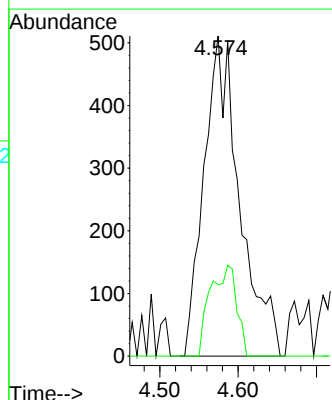
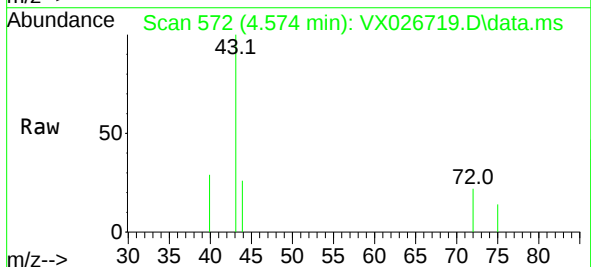


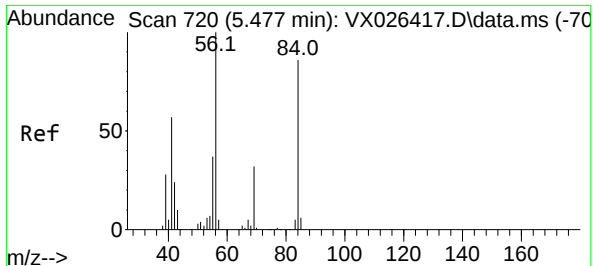
Tgt Ion:	84	Resp:	3027
Ion	Ratio	Lower	Upper
84	100		
49	128.8	101.5	152.3
51	36.0	31.2	46.8
86	66.9	51.3	76.9



#25
2-Butanone
Concen: 1.291 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX026719.D
Acq: 01 Feb 2022 19:57

Tgt Ion:	43	Resp:	1621
Ion	Ratio	Lower	Upper
43	100		
72	22.3	20.4	30.6

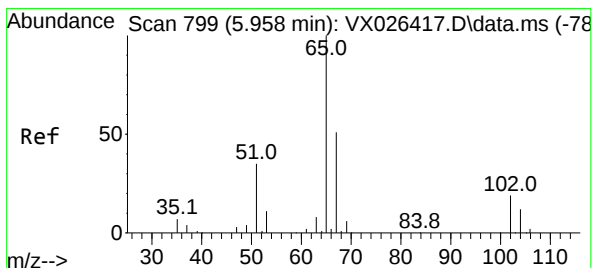
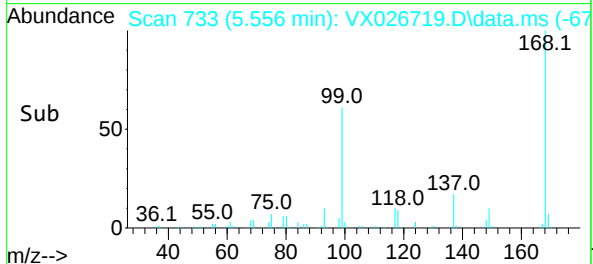
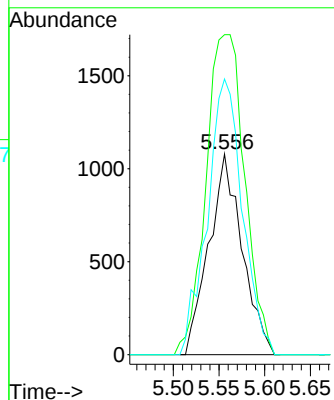
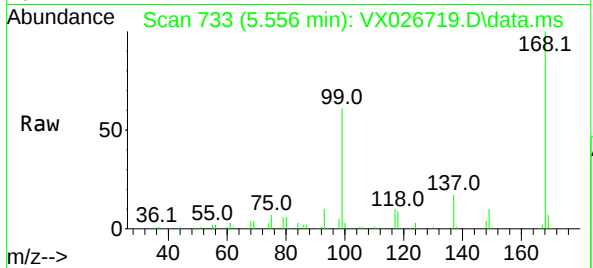




#31
Cyclohexane
Concen: 0.977 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.079 min
Lab File: VX026719.D
Acq: 01 Feb 2022 19:57

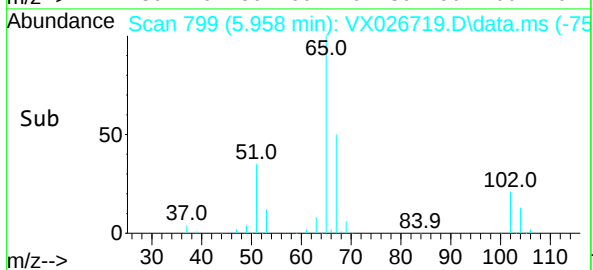
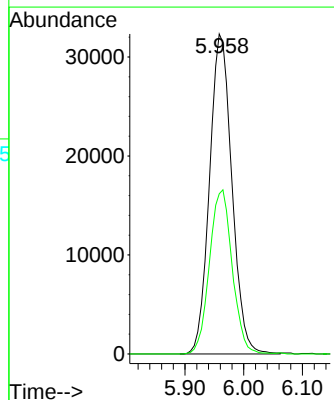
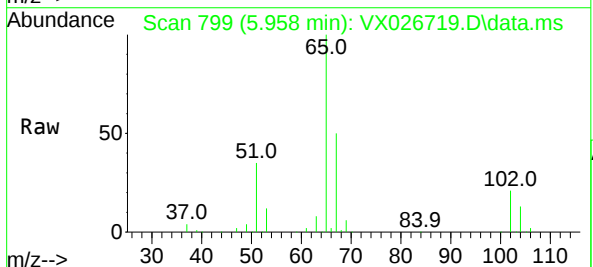
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#12

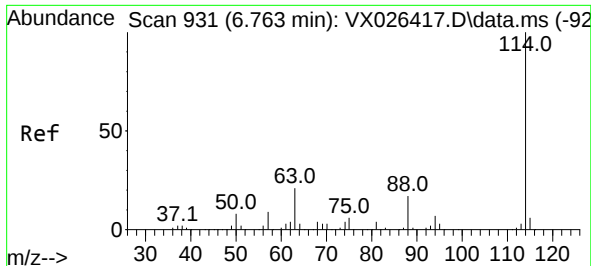
Tgt Ion: 56 Resp: 2730
Ion Ratio Lower Upper
56 100
69 159.5 25.8 38.6#
84 137.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 45.145 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026719.D
Acq: 01 Feb 2022 19:57

Tgt Ion: 65 Resp: 85485
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.8

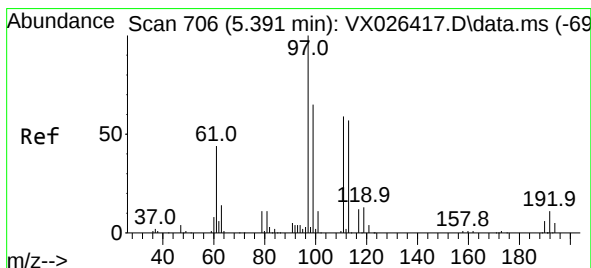
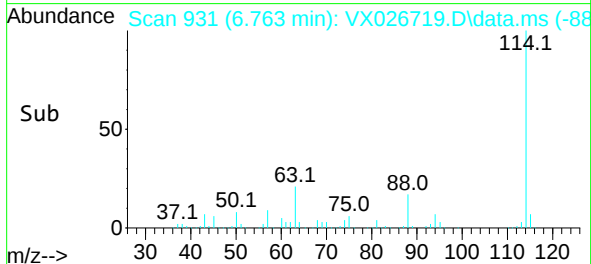
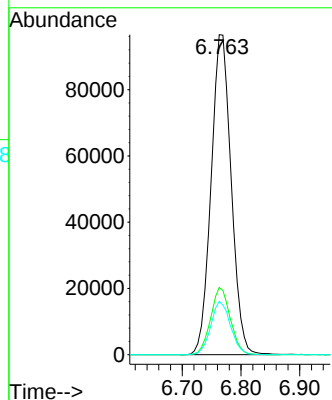
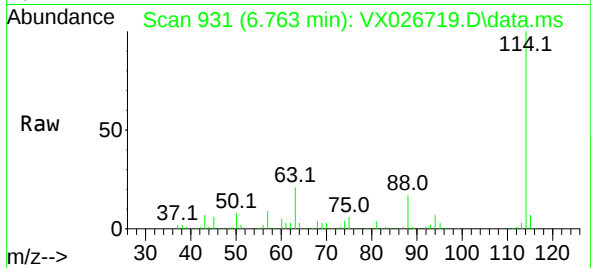




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX026719.D
Acq: 01 Feb 2022 19:57

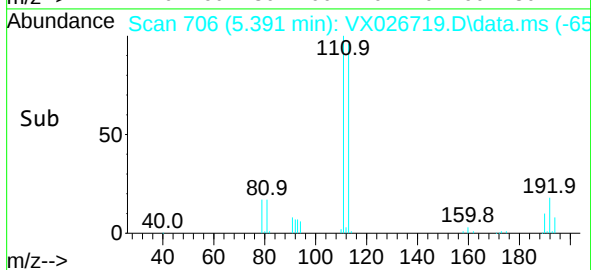
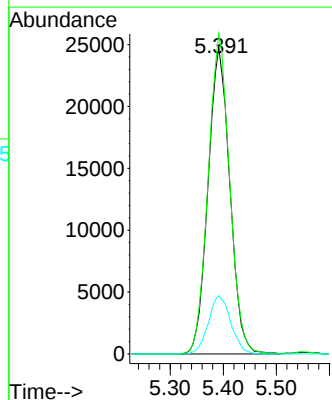
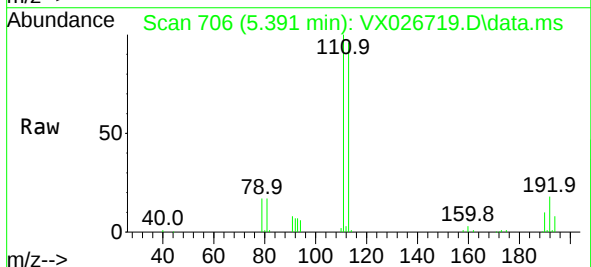
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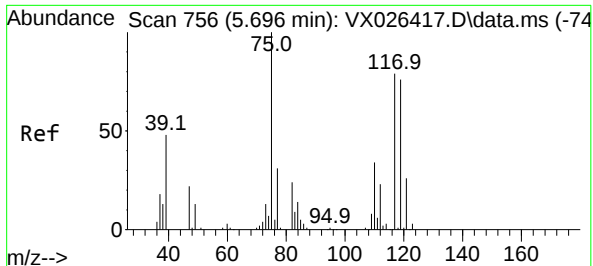
Tgt Ion:114 Resp: 229349
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.8
88 16.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.710 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026719.D
Acq: 01 Feb 2022 19:57

Tgt Ion:113 Resp: 70661
Ion Ratio Lower Upper
113 100
111 103.2 81.2 121.8
192 19.5 15.0 22.4

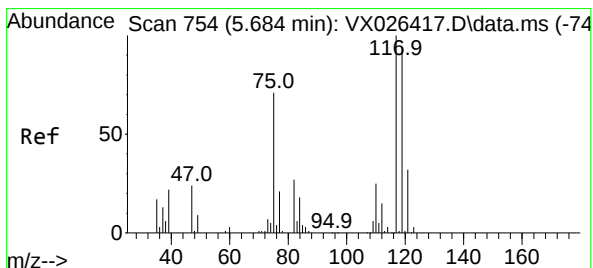
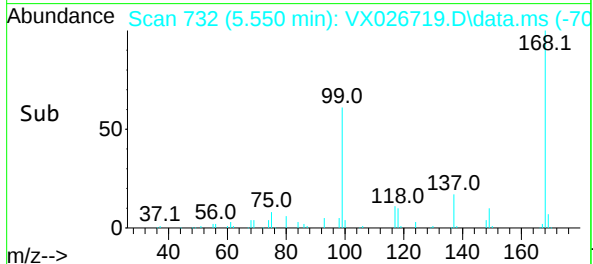
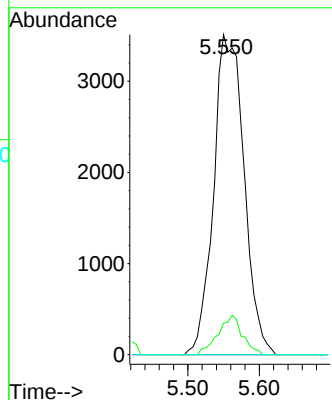
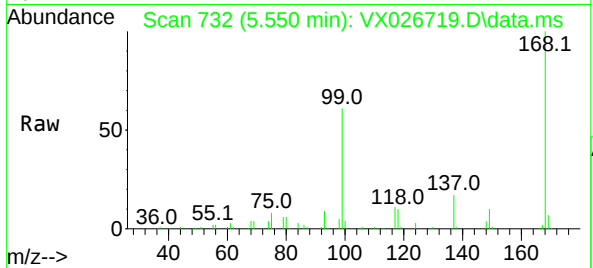




#36
1,1-Dichloropropene
Concen: 4.427 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX026719.D
Acq: 01 Feb 2022 19:57

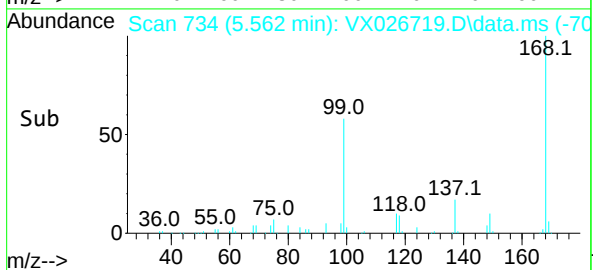
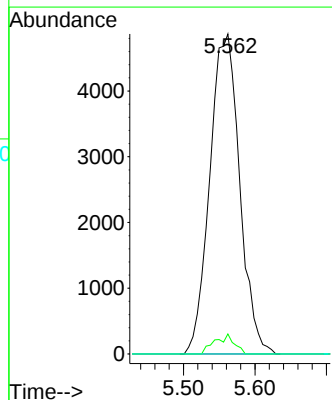
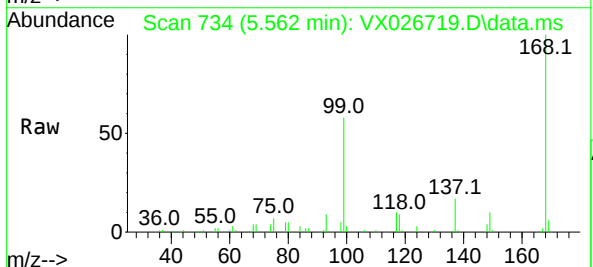
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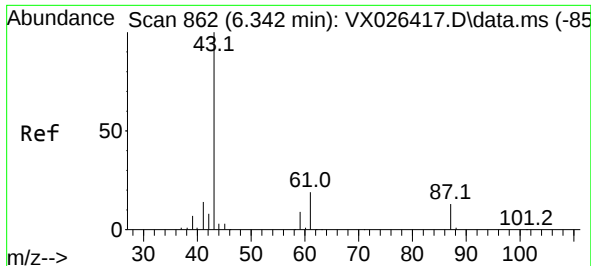
Tgt Ion: 75 Resp: 10351
Ion Ratio Lower Upper
75 100
110 9.9 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.871 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX026719.D
Acq: 01 Feb 2022 19:57

Tgt Ion: 117 Resp: 14120
Ion Ratio Lower Upper
117 100
119 6.3 74.7 112.1#
121 0.0 25.4 38.0#

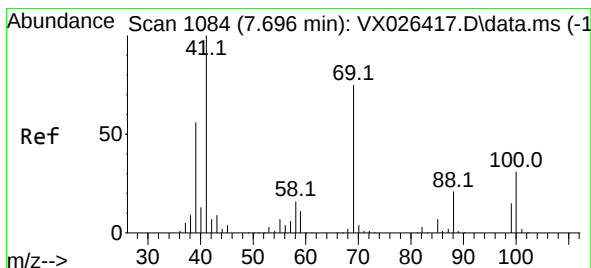
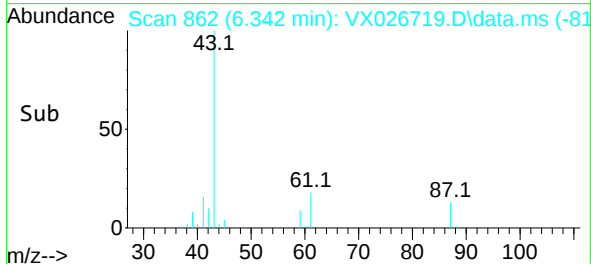
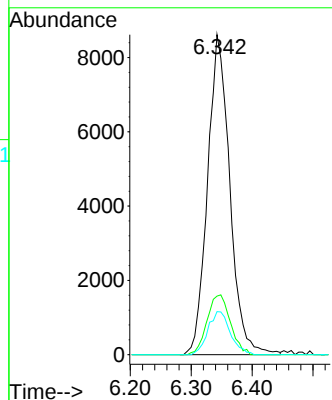
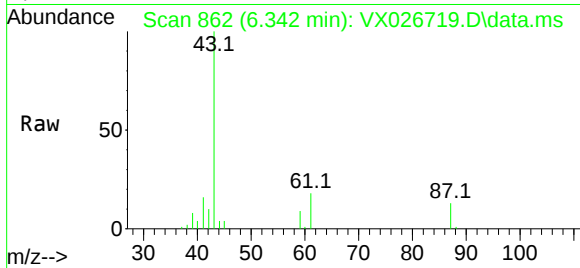




#43
Isopropyl Acetate
Concen: 5.731 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX026719.D
Acq: 01 Feb 2022 19:57

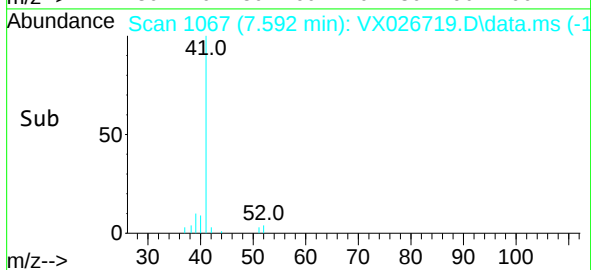
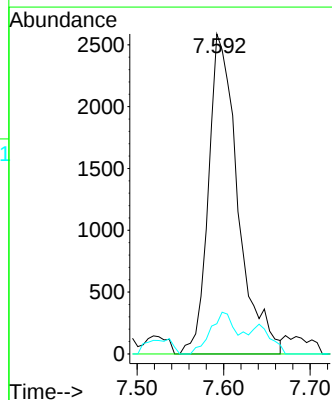
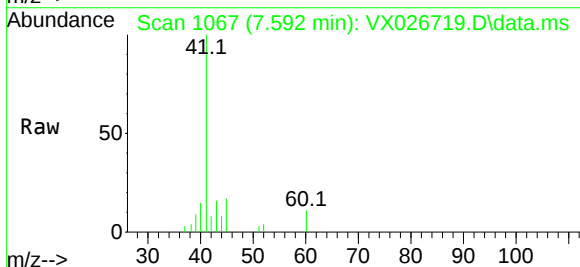
Instrument :
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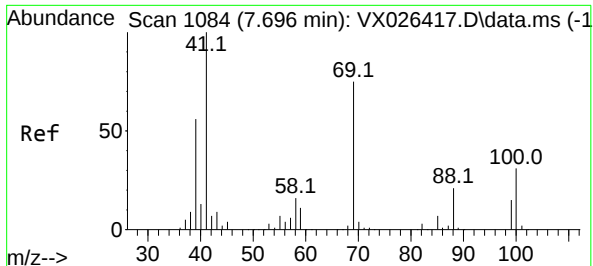
Tgt Ion:	43	Resp:	21894
Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.4	23.0
87	13.5	10.2	15.2



#48
Methyl methacrylate
Concen: 3.232 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. -0.104 min
Lab File: VX026719.D
Acq: 01 Feb 2022 19:57

Tgt Ion:	41	Resp:	6119
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: 3.701 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.098 min

Lab File: VX026719.D

Acq: 01 Feb 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

PB142403ZHE#12

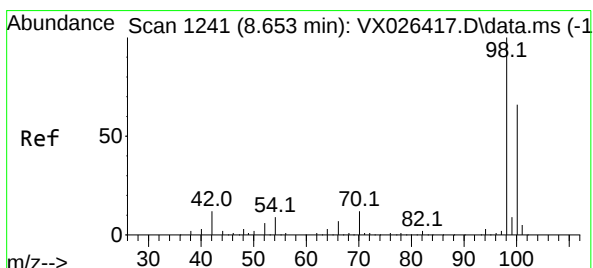
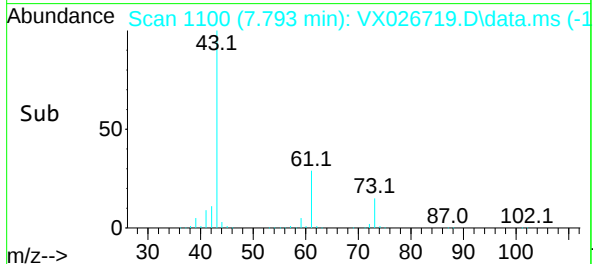
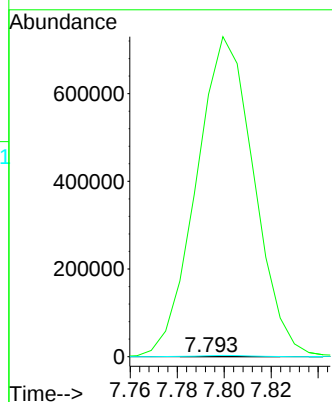
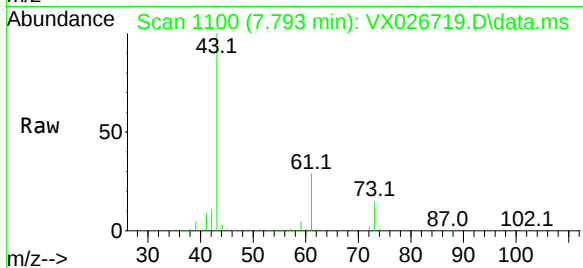
Tgt Ion: 88 Resp: 115

Ion Ratio Lower Upper

88 100

43 1091073.0 29.9 44.9#

58 4092.2 57.8 86.6#



#50

Toluene-d8

Concen: 50.433 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026719.D

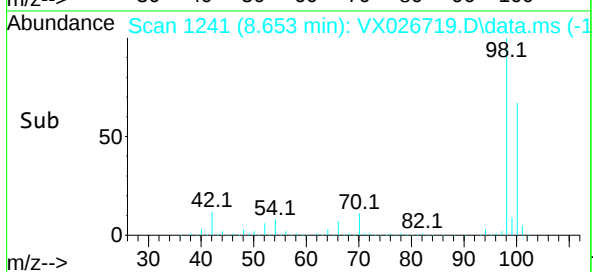
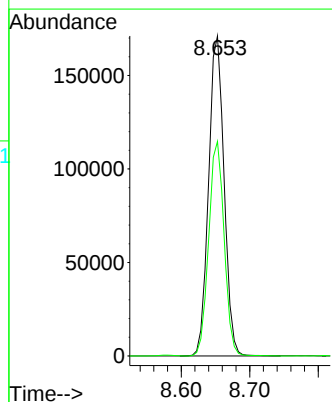
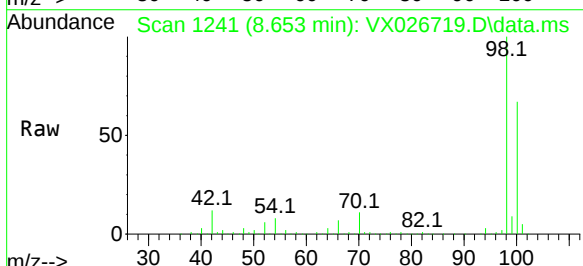
Acq: 01 Feb 2022 19:57

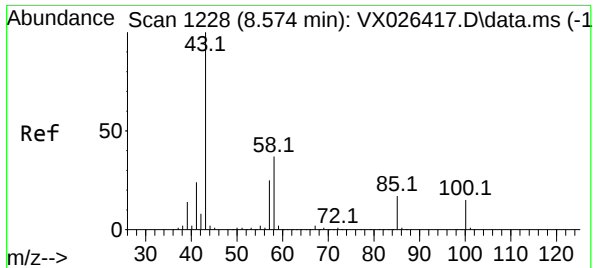
Tgt Ion: 98 Resp: 269169

Ion Ratio Lower Upper

98 100

100 66.9 53.2 79.8

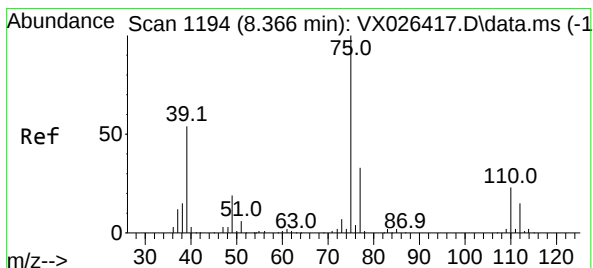
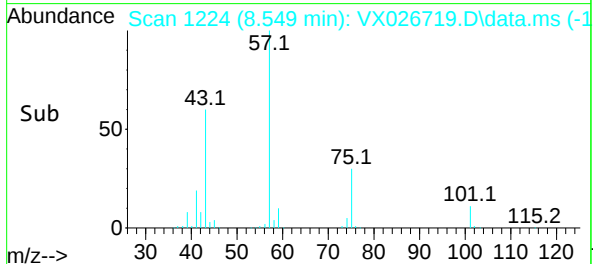
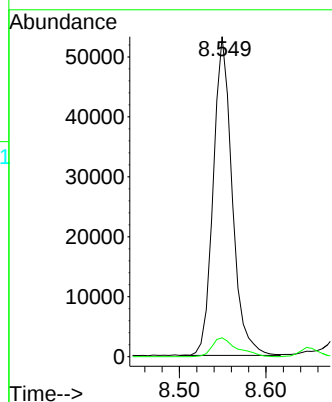
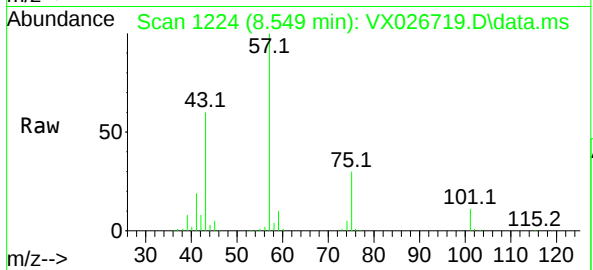




#51
4-Methyl-2-Pentanone
Concen: 35.577 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026719.D
Acq: 01 Feb 2022 19:57

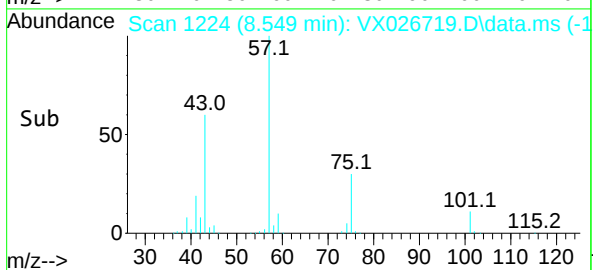
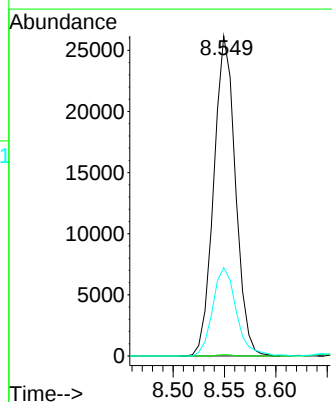
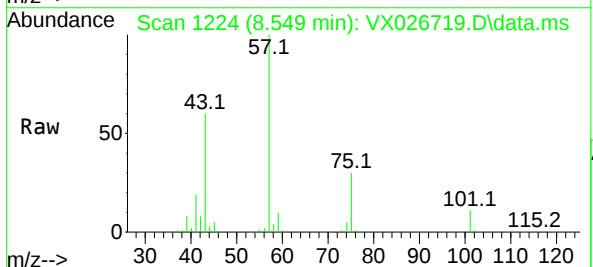
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#12

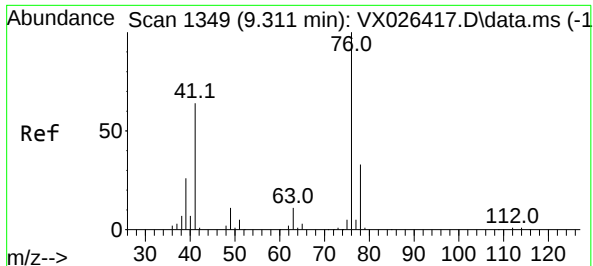
Tgt Ion: 43 Resp: 80620
Ion Ratio Lower Upper
43 100
58 7.8 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 15.528 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026719.D
Acq: 01 Feb 2022 19:57

Tgt Ion: 75 Resp: 38320
Ion Ratio Lower Upper
75 100
77 0.4 26.2 39.2#
39 27.6 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 8.222 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.177 min

Lab File: VX026719.D

Acq: 01 Feb 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

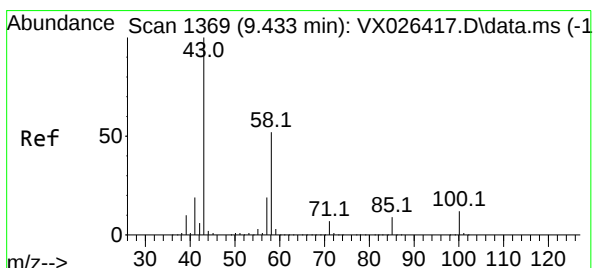
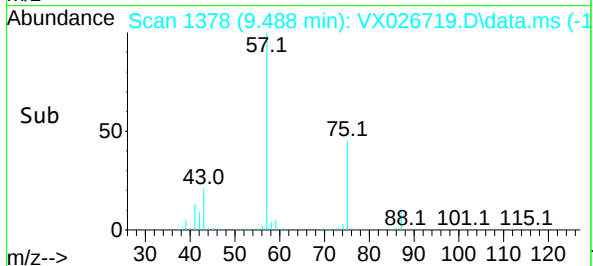
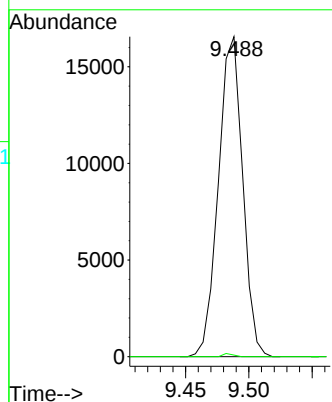
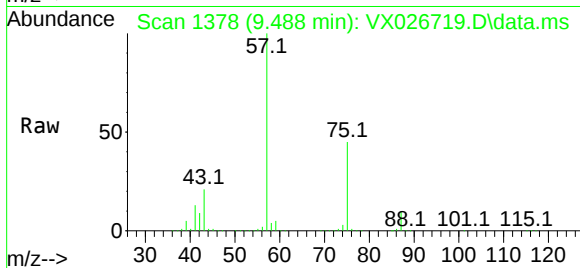
PB142403ZHE#12

Tgt Ion: 76 Resp: 22045

Ion Ratio Lower Upper

76 100

78 0.4 25.7 38.5#



#59

2-Hexanone

Concen: 175.341 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX026719.D

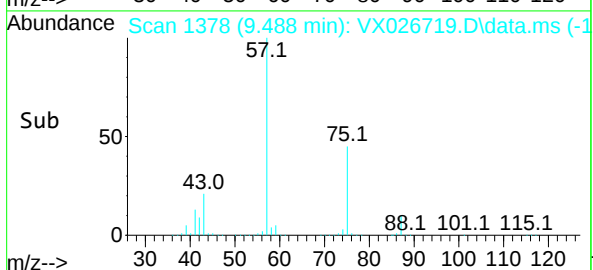
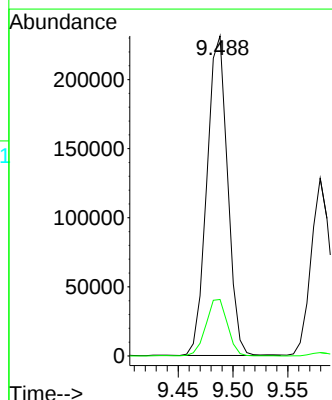
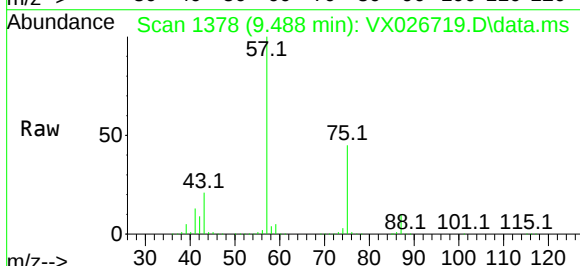
Acq: 01 Feb 2022 19:57

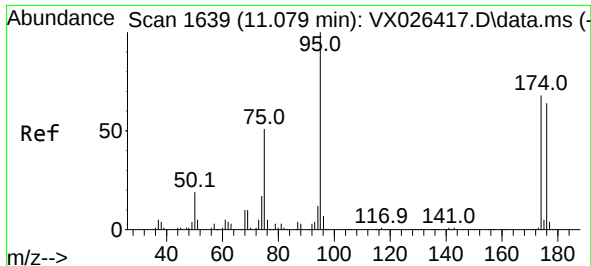
Tgt Ion: 43 Resp: 304111

Ion Ratio Lower Upper

43 100

58 18.4 26.4 79.2#

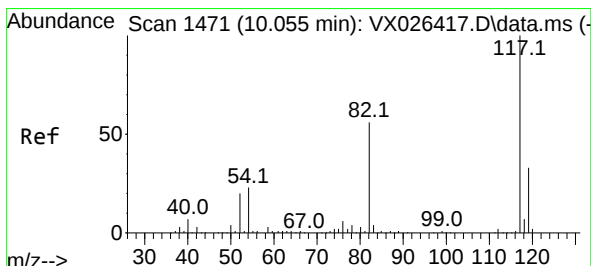
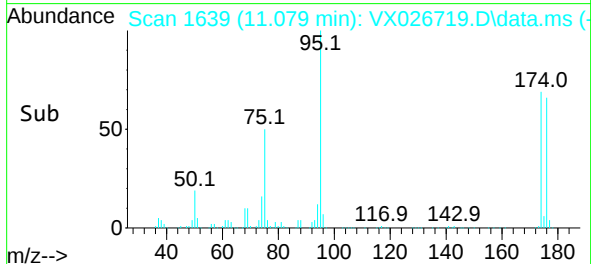
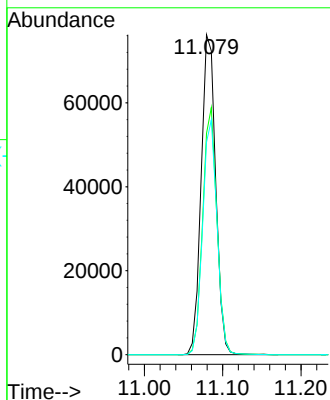
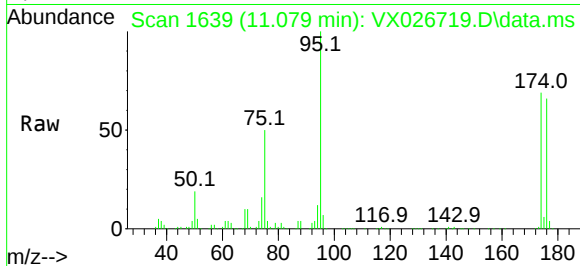




#62
4-Bromofluorobenzene
Concen: 51.694 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026719.D
Acq: 01 Feb 2022 19:57

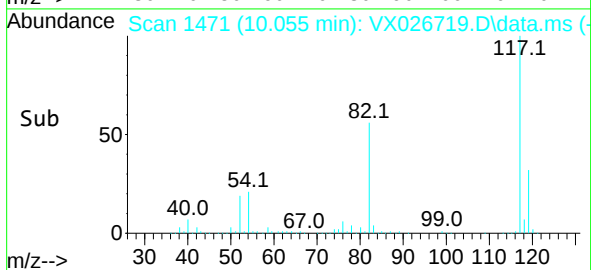
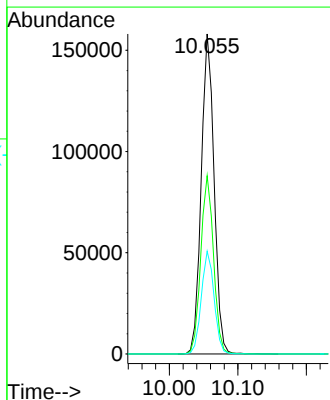
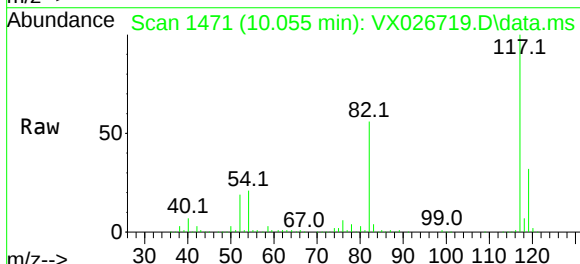
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#12

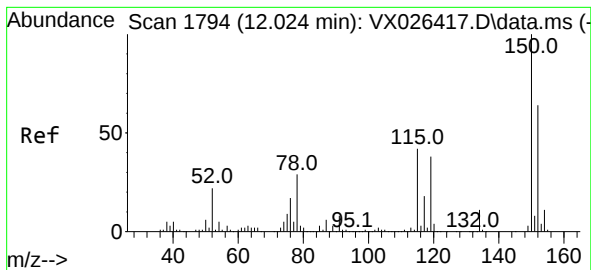
Tgt Ion: 95 Resp: 98009
Ion Ratio Lower Upper
95 100
174 75.3 0.0 148.6
176 72.8 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026719.D
Acq: 01 Feb 2022 19:57

Tgt Ion: 117 Resp: 206262
Ion Ratio Lower Upper
117 100
82 55.7 45.2 67.8
119 32.1 26.2 39.2

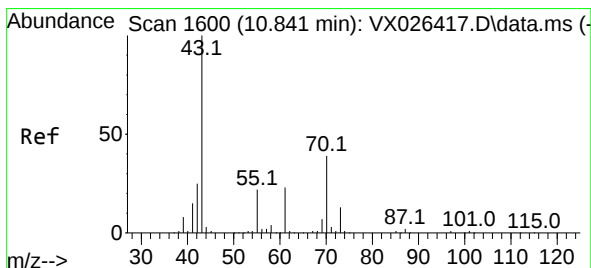
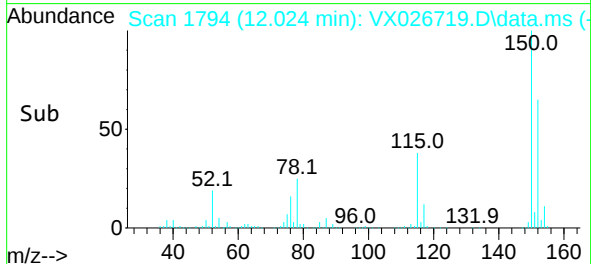
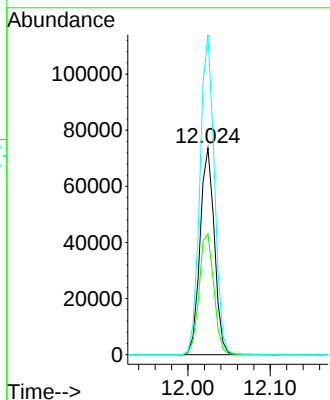
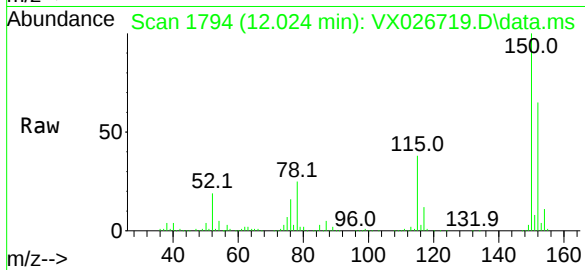




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026719.D
Acq: 01 Feb 2022 19:57

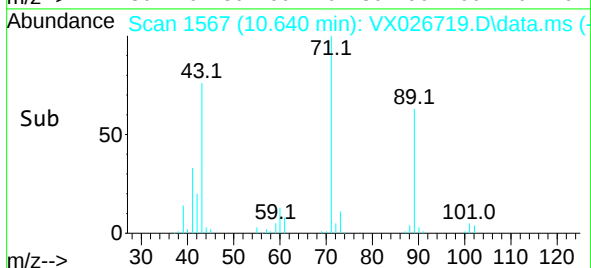
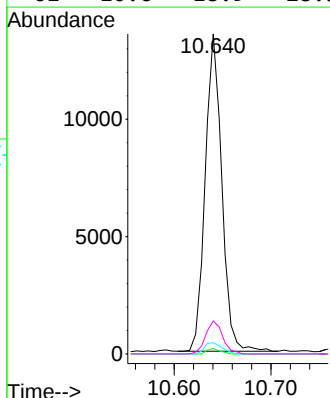
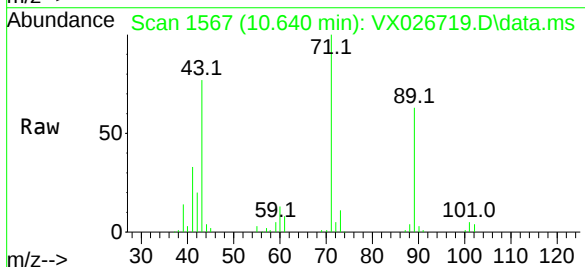
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#12

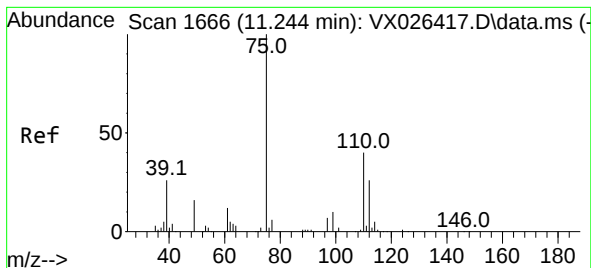
Tgt Ion:152 Resp: 89300
Ion Ratio Lower Upper
152 100
115 60.1 44.2 132.6
150 156.0 0.0 348.2



#74
N-ethyl acetate
Concen: 5.710 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX026719.D
Acq: 01 Feb 2022 19:57

Tgt Ion: 43 Resp: 16135
Ion Ratio Lower Upper
43 100
70 1.4 32.9 49.3#
55 3.8 18.3 27.5#
61 10.6 18.9 28.3#





#76

1,2,3-Trichloropropane

Concen: 23.932 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.165 min

Lab File: VX026719.D

Acq: 01 Feb 2022 19:57

Instrument :

MSVOA_X

ClientSampleId :

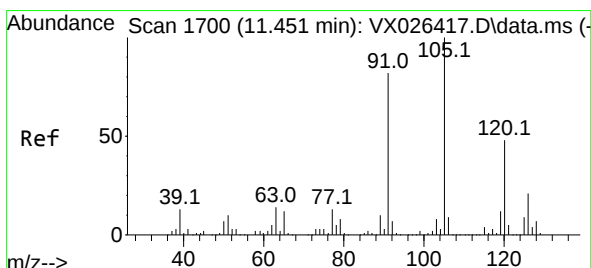
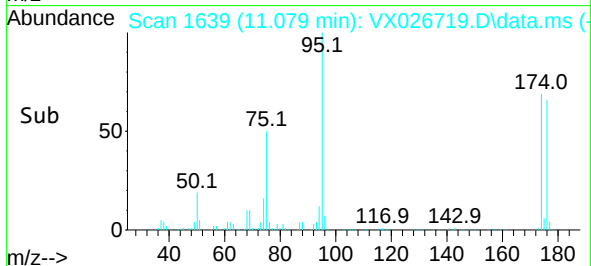
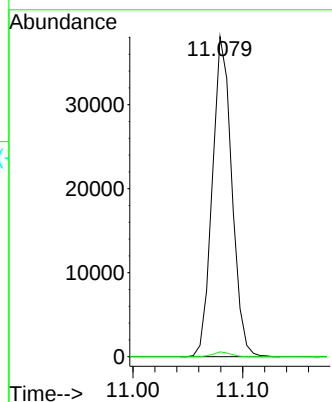
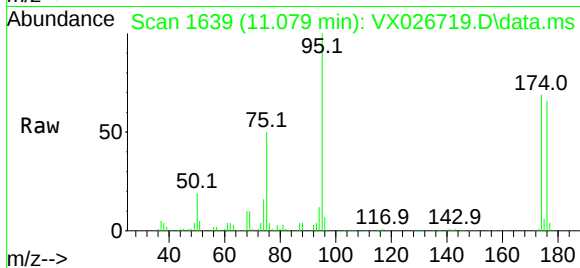
PB142403ZHE#12

Tgt Ion: 75 Resp: 47054

Ion Ratio Lower Upper

75 100

77 1.3 18.3 54.8#



#80

1,3,5-Trimethylbenzene

Concen: 0.719 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX026719.D

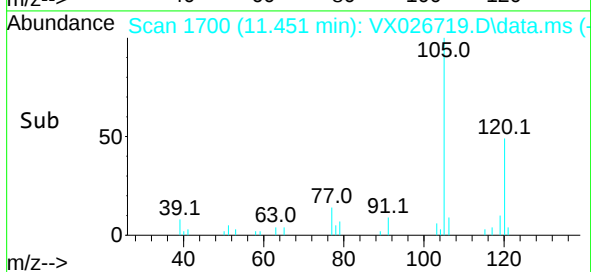
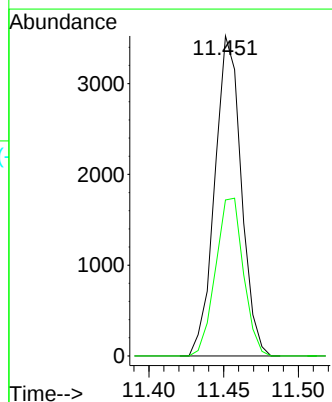
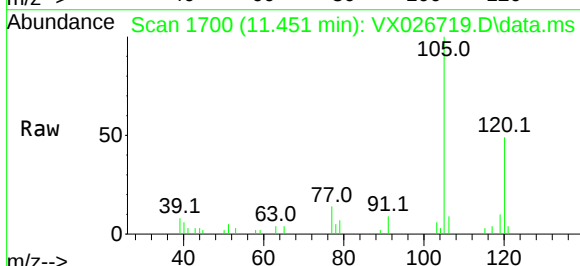
Acq: 01 Feb 2022 19:57

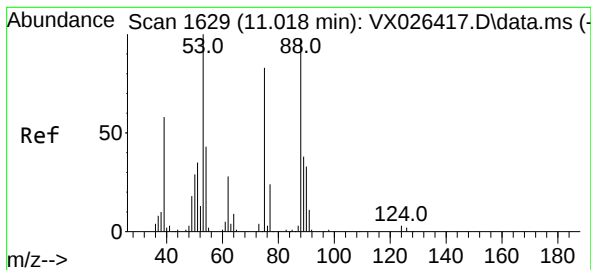
Tgt Ion:105 Resp: 4336

Ion Ratio Lower Upper

105 100

120 51.8 24.0 72.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.955 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026719.D
 Acq: 01 Feb 2022 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#12

Tgt Ion: 75 Resp: 47054
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

