

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026591.D
 Acq On : 26 Jan 2022 13:56
 Operator : JC/MD
 Sample : PB142265ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142265ZHE#01

Quant Time: Jan 27 07:22:33 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

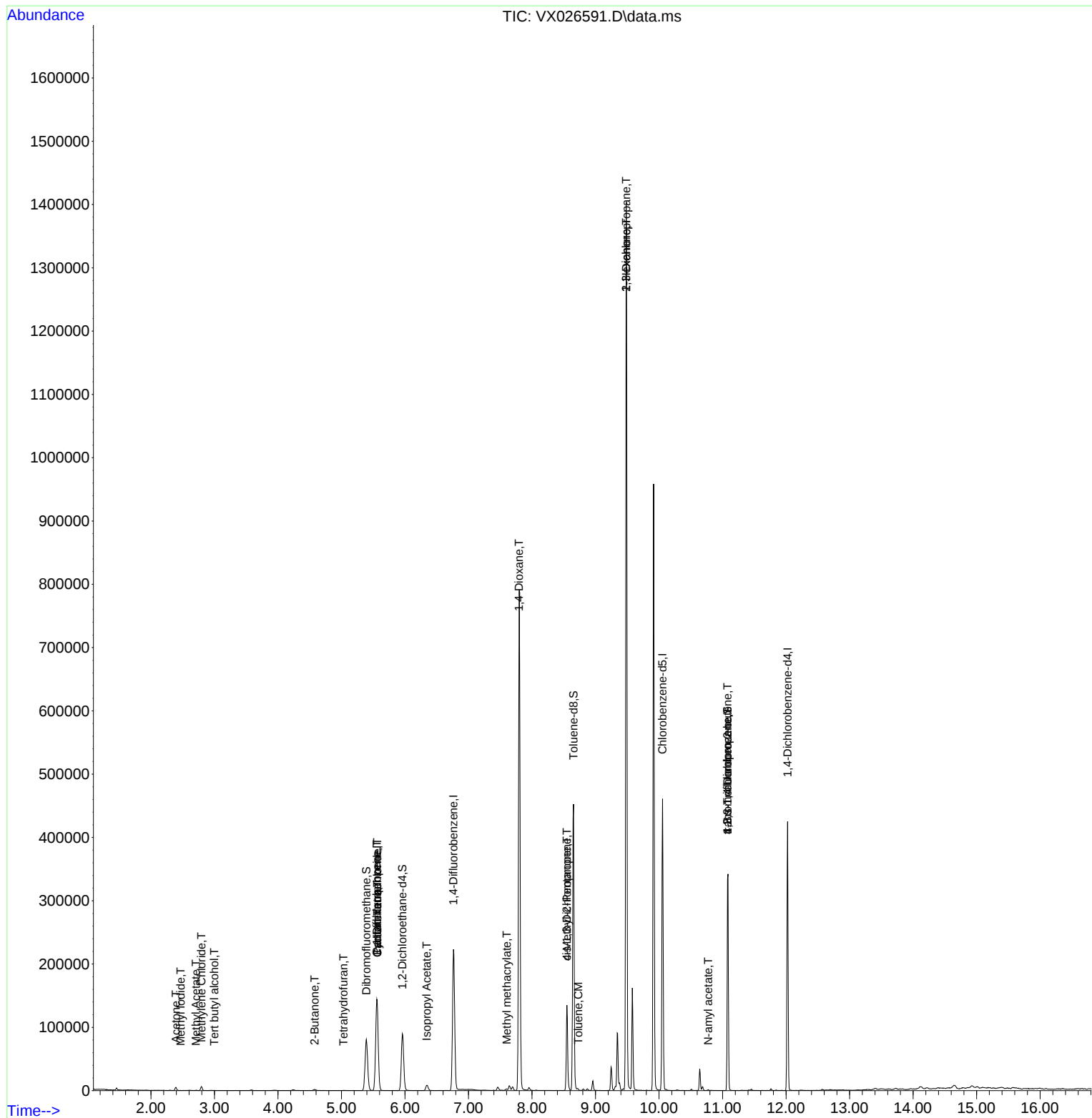
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	135608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227507	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88082	46.497	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.000%
35) Dibromofluoromethane	5.391	113	71016	48.338	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.680%
50) Toluene-d8	8.653	98	265555	50.159	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.320%
62) 4-Bromofluorobenzene	11.079	95	96128	51.112	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.220%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	103	4.504	ug/l #	83
11) Tert butyl alcohol	2.995	59	229	0.869	ug/l #	75
16) Acetone	2.392	43	5921	6.129	ug/l	98
18) Methyl Acetate	2.709	43	654	0.341	ug/l #	60
20) Methylene Chloride	2.794	84	2767	1.734	ug/l	97
25) 2-Butanone	4.574	43	3231	2.572	ug/l #	87
29) Tetrahydrofuran	5.032	42	190	0.255	ug/l #	34
31) Cyclohexane	5.562	56	2642	0.946	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10664	4.598	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14180	5.944	ug/l #	16
43) Isopropyl Acetate	6.342	43	12223	3.225	ug/l	98
48) Methyl methacrylate	7.604	41	3580	1.906	ug/l #	16
49) 1,4-Dioxane	7.793	88	79	2.563	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	46389	20.637	ug/l #	49
52) Toluene	8.726	92	888	0.226	ug/l	96
54) cis-1,3-Dichloropropene	8.549	75	20764	8.482	ug/l #	57
57) 1,3-Dichloropropane	9.482	76	12613	4.742	ug/l #	43
59) 2-Hexanone	9.482	43	172630	100.339	ug/l #	52
74) N-amyl acetate	10.774	43	780	0.294	ug/l #	45
76) 1,2,3-Trichloropropane	11.079	75	47455	25.669	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47455	77.892	ug/l #	3

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

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

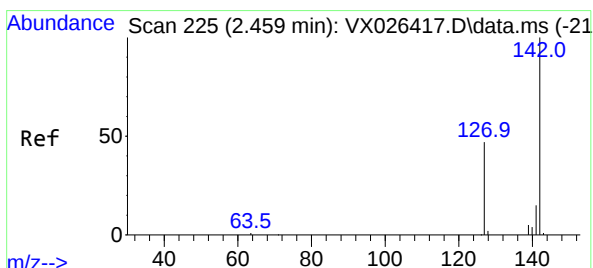
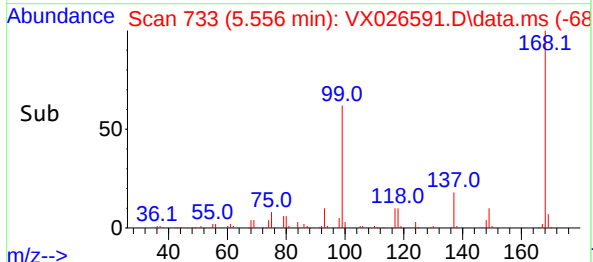
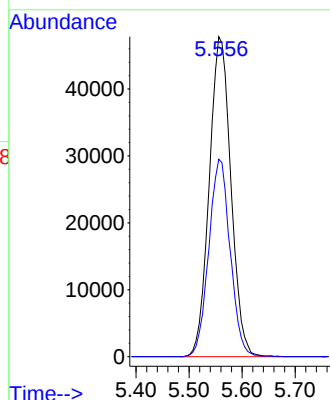
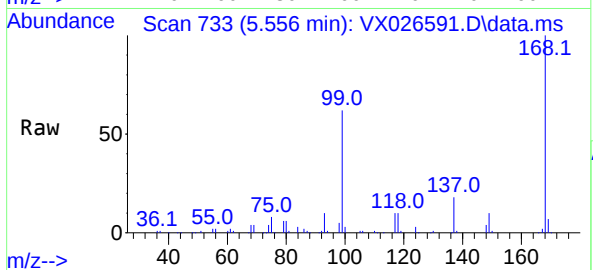




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026591.D
Acq: 26 Jan 2022 13:56

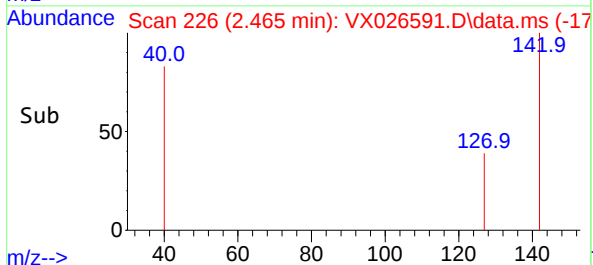
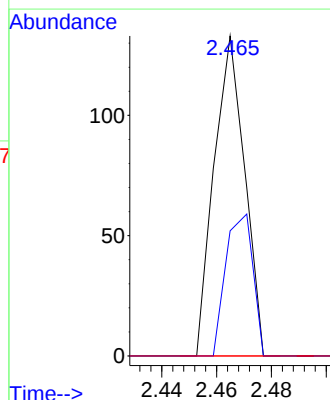
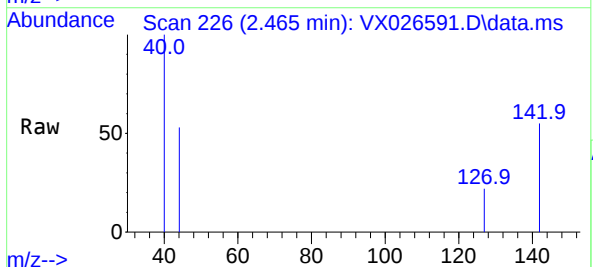
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#01

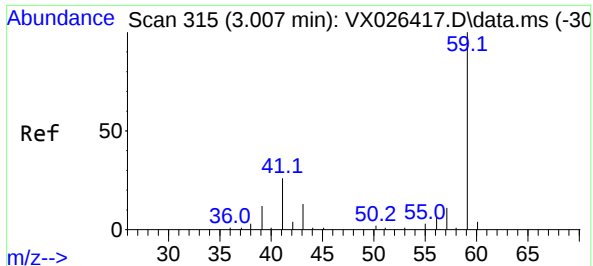
Tgt Ion:168 Resp: 135608
Ion Ratio Lower Upper
168 100
99 61.7 50.3 75.5



#10
Methyl Iodide
Concen: 4.504 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026591.D
Acq: 26 Jan 2022 13:56

Tgt Ion:142 Resp: 103
Ion Ratio Lower Upper
142 100
127 39.8 38.1 57.1
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 0.869 ug/l

RT: 2.995 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX026591.D

Acq: 26 Jan 2022 13:56

Instrument :

MSVOA_X

ClientSampleId :

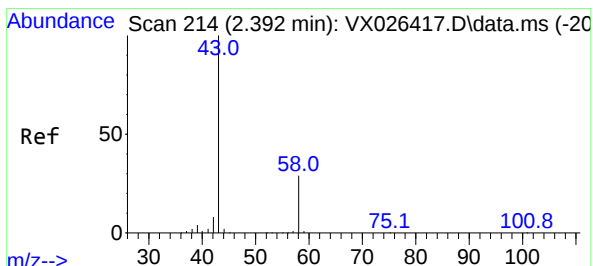
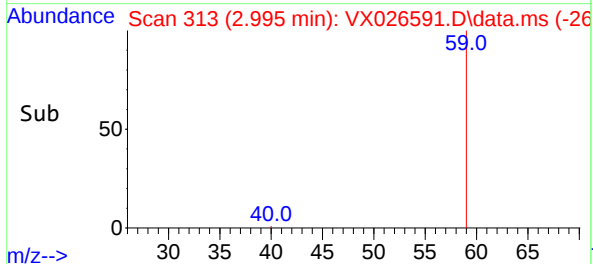
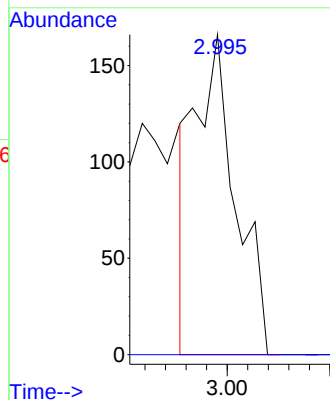
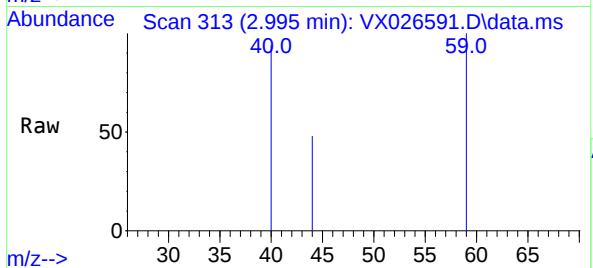
PB142265ZHE#01

Tgt Ion: 59 Resp: 229

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 6.129 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX026591.D

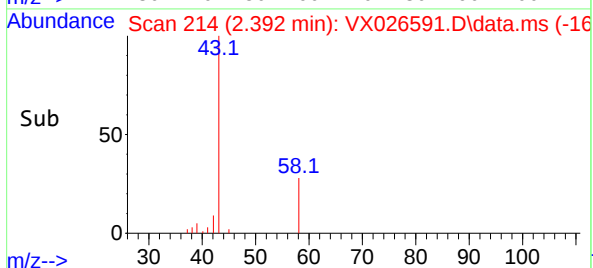
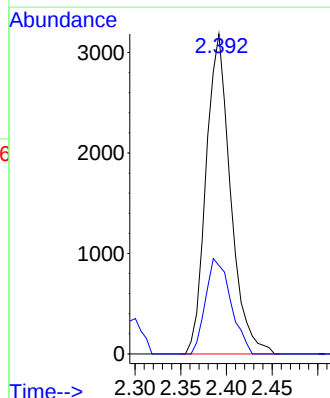
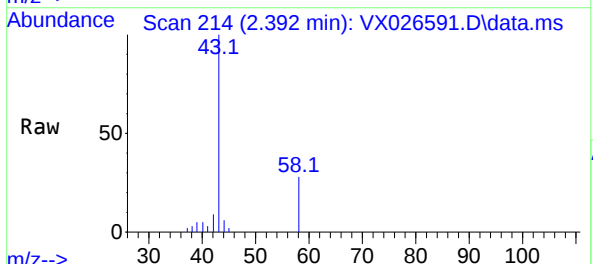
Acq: 26 Jan 2022 13:56

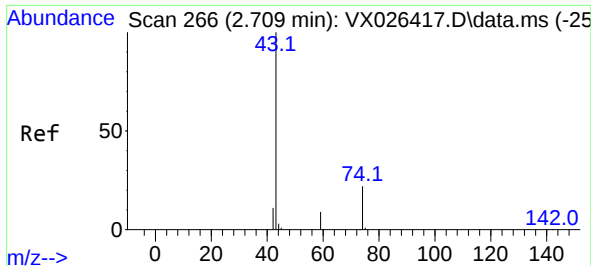
Tgt Ion: 43 Resp: 5921

Ion Ratio Lower Upper

43 100

58 27.7 23.0 34.6

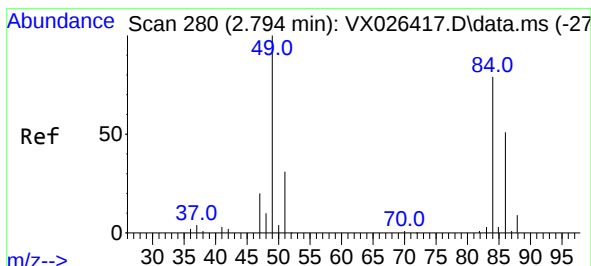
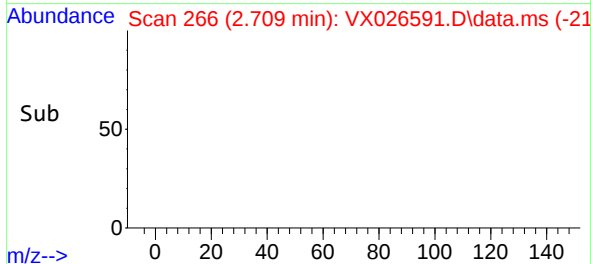
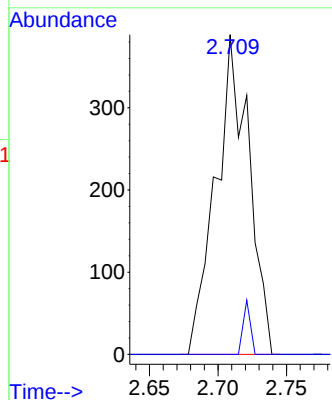
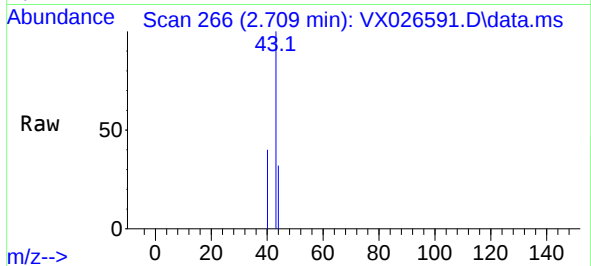




#18
Methyl Acetate
Concen: 0.341 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX026591.D
Acq: 26 Jan 2022 13:56

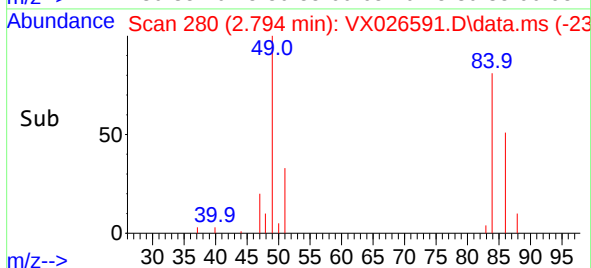
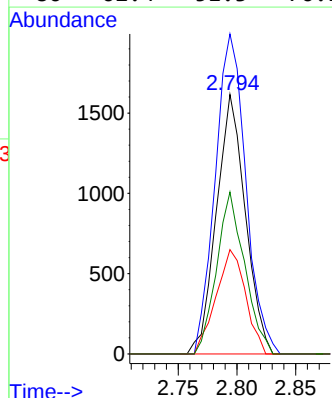
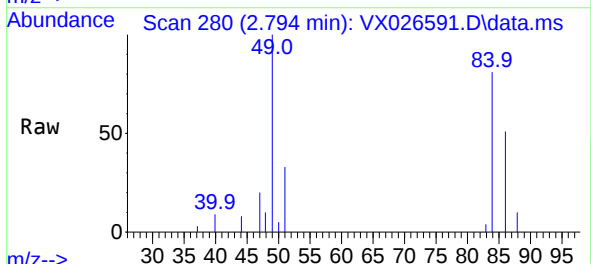
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#01

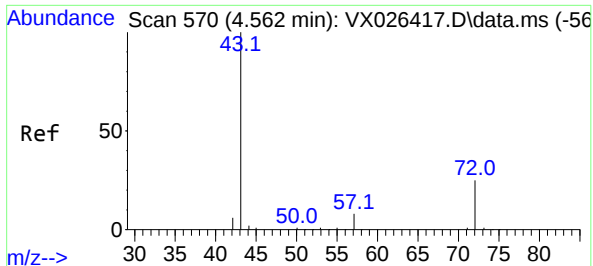
Tgt Ion: 43 Resp: 654
Ion Ratio Lower Upper
43 100
74 3.7 18.3 27.5#



#20
Methylene Chloride
Concen: 1.734 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX026591.D
Acq: 26 Jan 2022 13:56

Tgt Ion: 84 Resp: 2767
Ion Ratio Lower Upper
84 100
49 123.3 101.5 152.3
51 40.2 31.2 46.8
86 62.4 51.3 76.9





#25

2-Butanone

Concen: 2.572 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX026591.D

Acq: 26 Jan 2022 13:56

Instrument :

MSVOA_X

ClientSampleId :

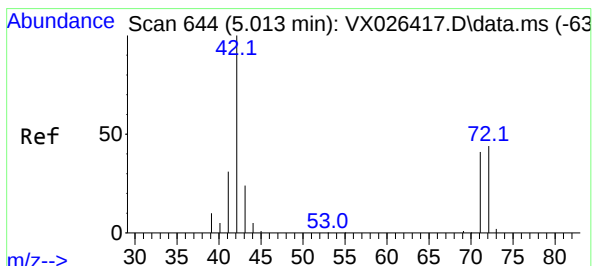
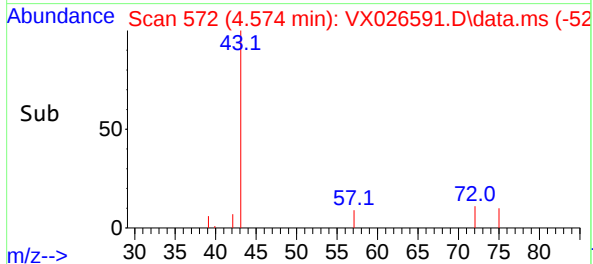
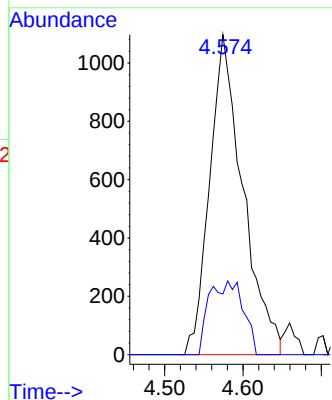
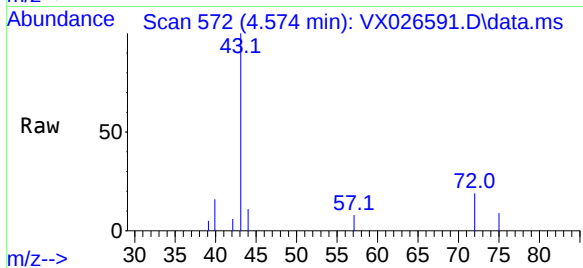
PB142265ZHE#01

Tgt Ion: 43 Resp: 3231

Ion Ratio Lower Upper

43 100

72 19.0 20.4 30.6#



#29

Tetrahydrofuran

Concen: 0.255 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.018 min

Lab File: VX026591.D

Acq: 26 Jan 2022 13:56

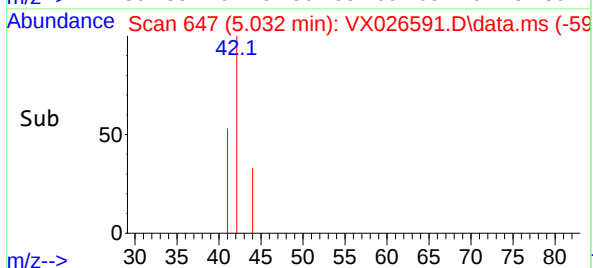
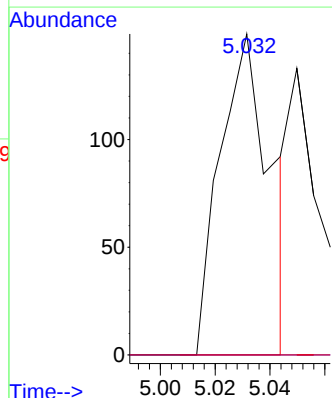
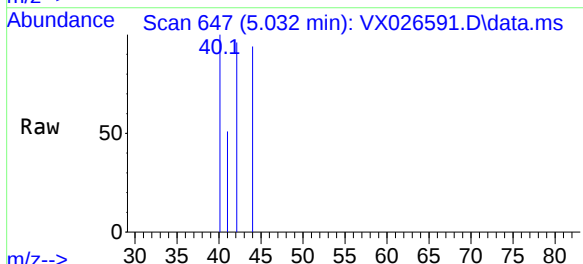
Tgt Ion: 42 Resp: 190

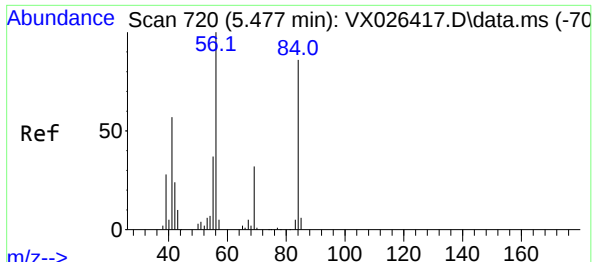
Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

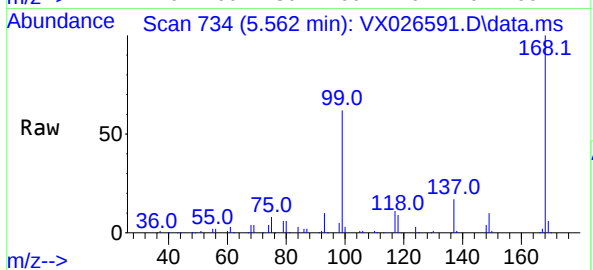
71 0.0 31.8 47.8#



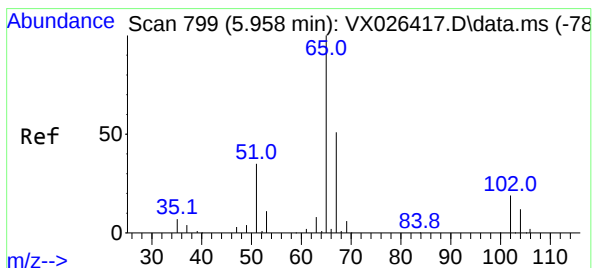
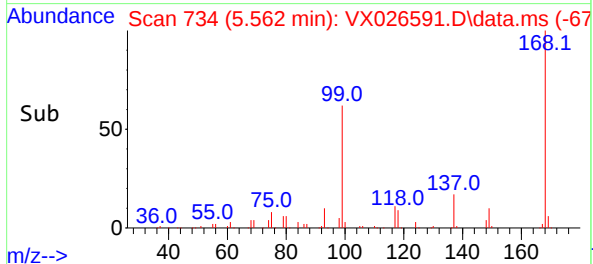
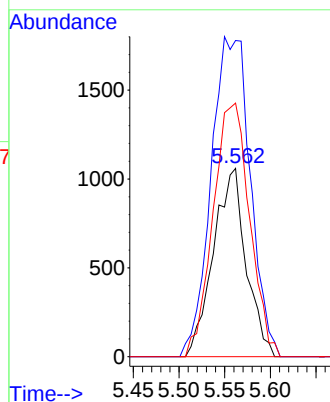


#31
Cyclohexane
Concen: 0.946 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX026591.D
Acq: 26 Jan 2022 13:56

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#01

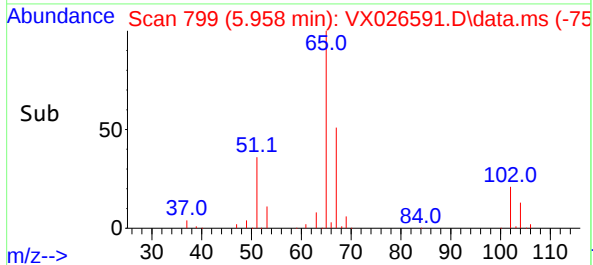
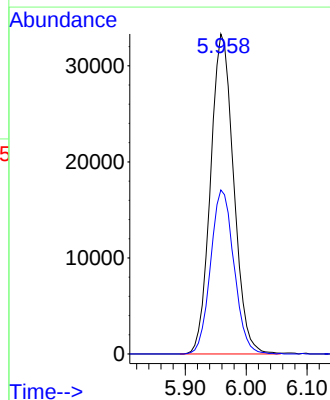
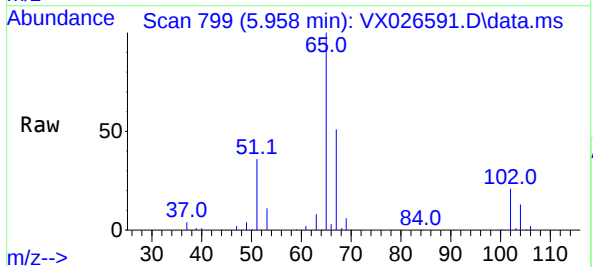


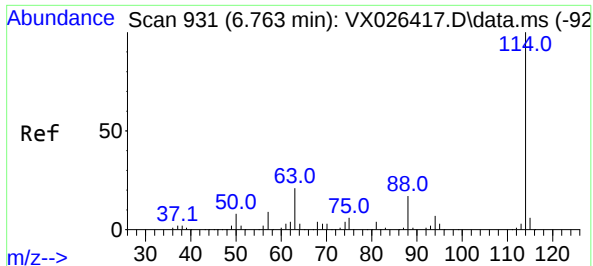
Tgt Ion: 56 Resp: 2642
Ion Ratio Lower Upper
56 100
69 167.8 25.8 38.6#
84 134.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 46.497 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX026591.D
Acq: 26 Jan 2022 13:56

Tgt Ion: 65 Resp: 88082
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.8

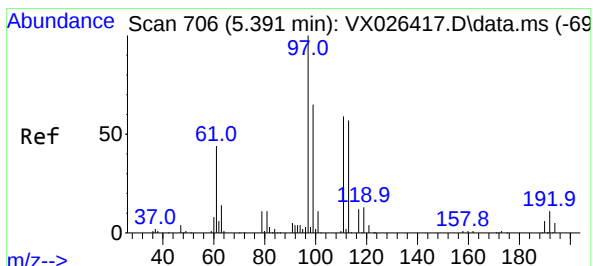
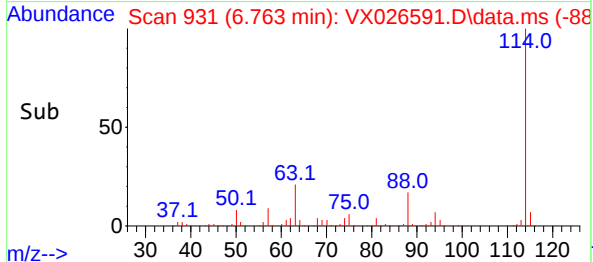
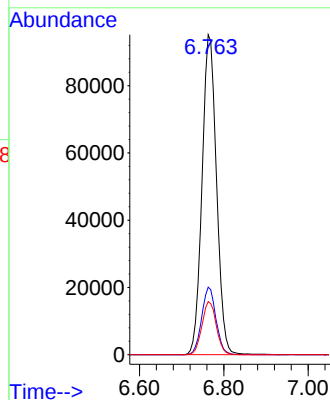
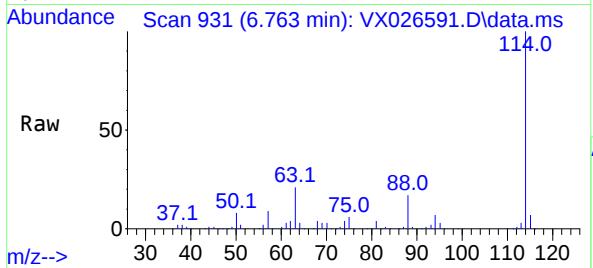




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026591.D
Acq: 26 Jan 2022 13:56

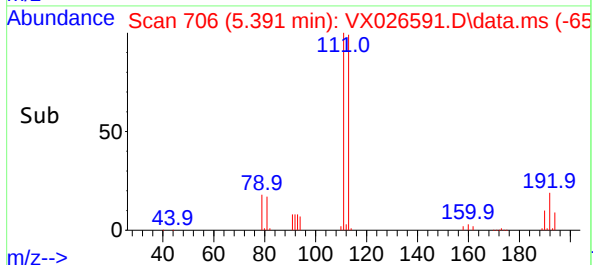
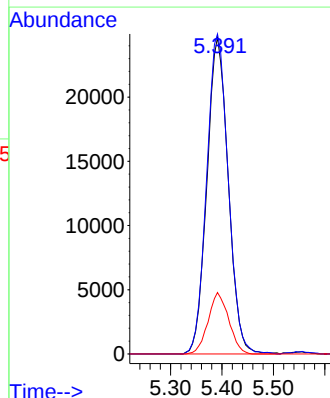
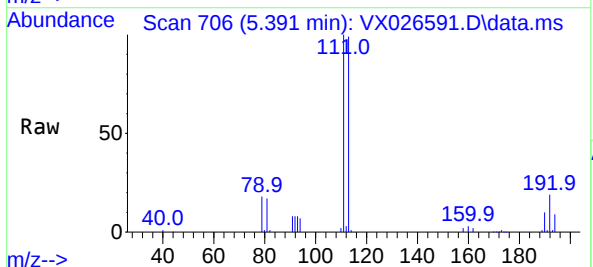
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#01

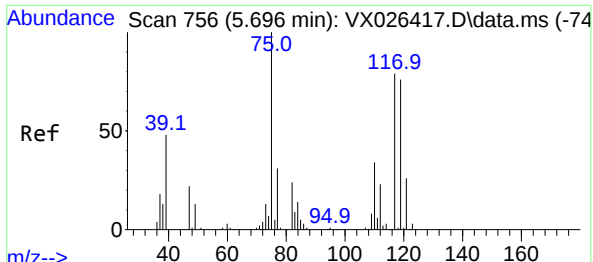
Tgt Ion:114 Resp: 227507
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.8
88 16.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.338 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026591.D
Acq: 26 Jan 2022 13:56

Tgt Ion:113 Resp: 71016
Ion Ratio Lower Upper
113 100
111 102.3 81.2 121.8
192 18.7 15.0 22.4

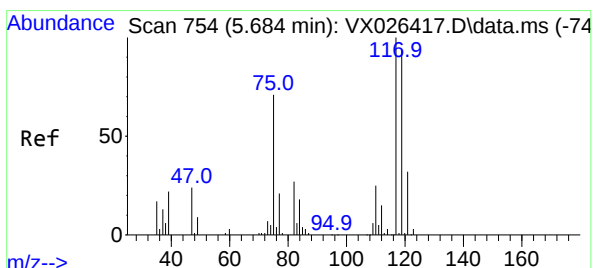
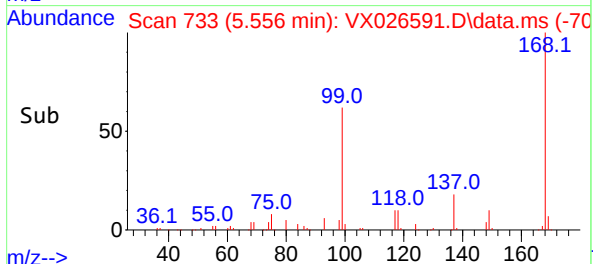
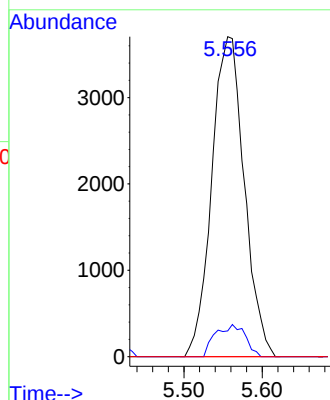
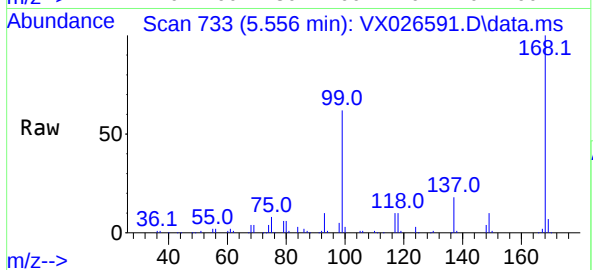




#36
1,1-Dichloropropene
Concen: 4.598 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX026591.D
Acq: 26 Jan 2022 13:56

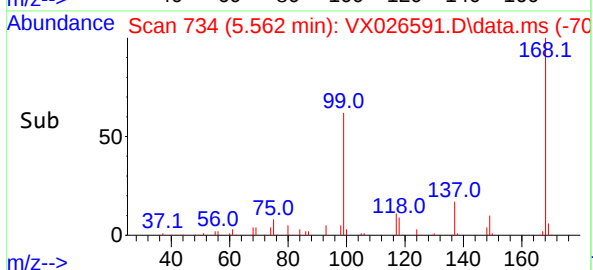
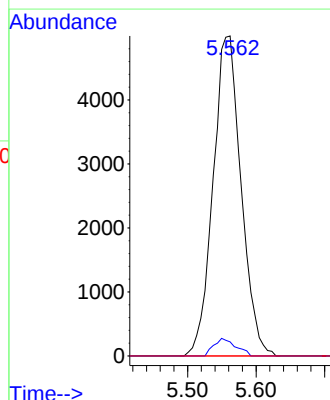
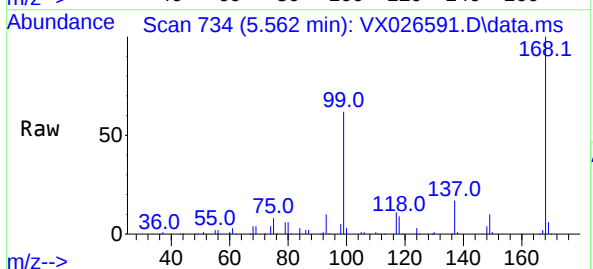
Instrument :
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PB142265ZHE#01

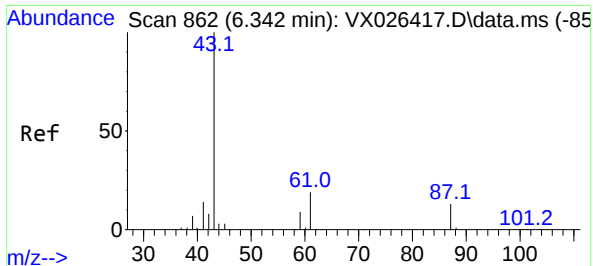
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Ion Ratio Lower Upper
75 100
110 9.2 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.944 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX026591.D
Acq: 26 Jan 2022 13:56

Tgt Ion: 117 Resp: 14180
Ion Ratio Lower Upper
117 100
119 4.4 74.7 112.1#
121 0.0 25.4 38.0#

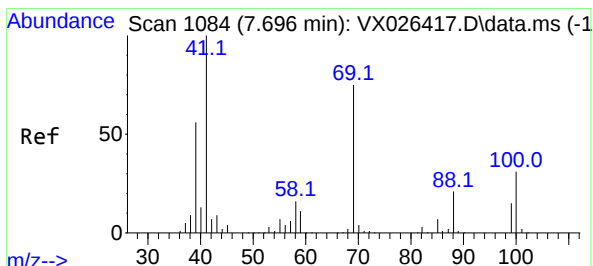
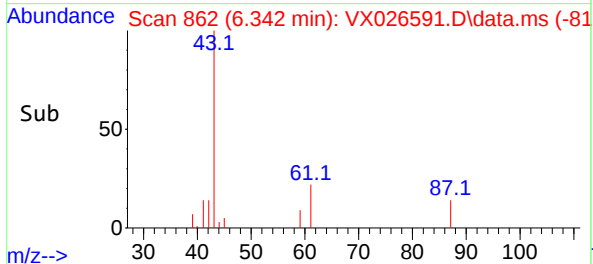
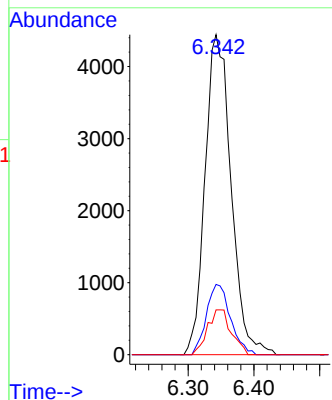
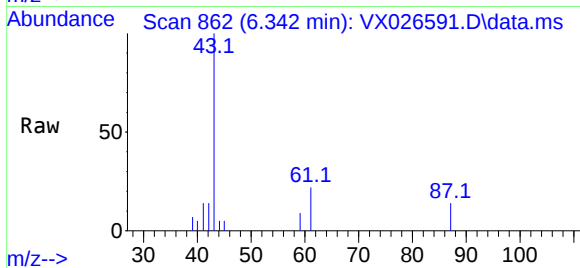




#43
Isopropyl Acetate
Concen: 3.225 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX026591.D
Acq: 26 Jan 2022 13:56

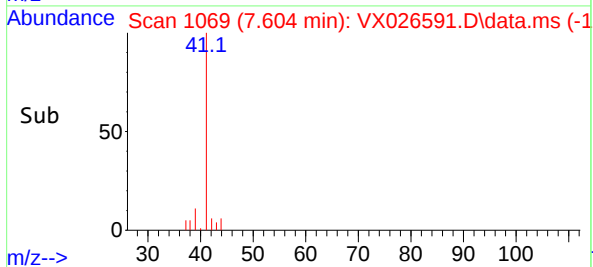
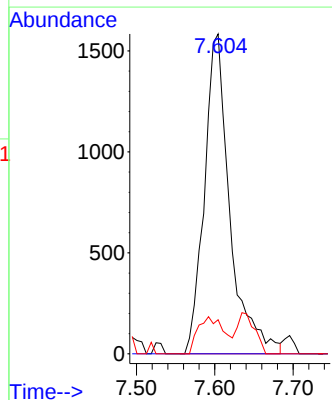
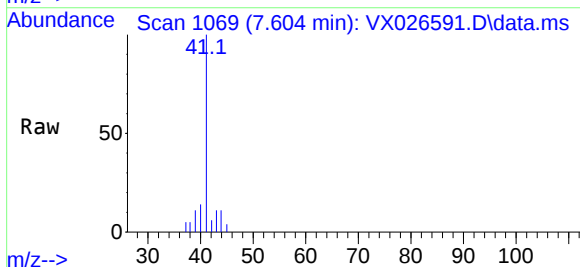
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#01

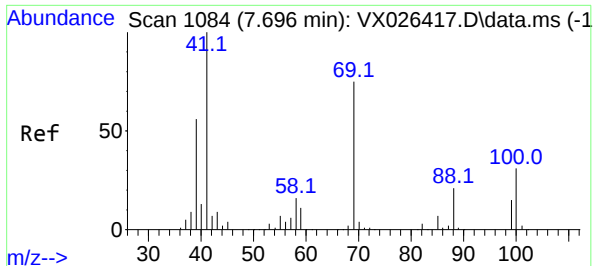
Tgt Ion:	43	Resp:	12223
Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.4	23.0
87	12.8	10.2	15.2



#48
Methyl methacrylate
Concen: 1.906 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.091 min
Lab File: VX026591.D
Acq: 26 Jan 2022 13:56

Tgt Ion:	41	Resp:	3580
Ion	Ratio	Lower	Upper
41	100		
69	0.0	62.2	93.4#
39	0.0	45.4	68.0#

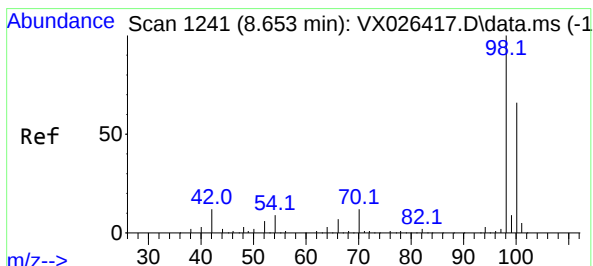
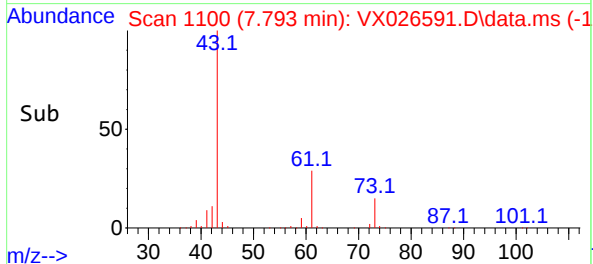
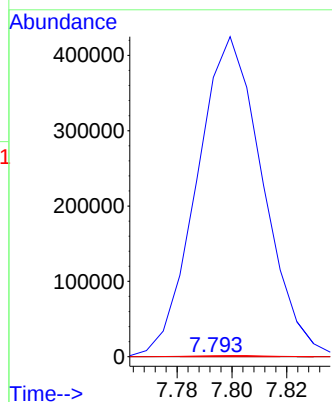
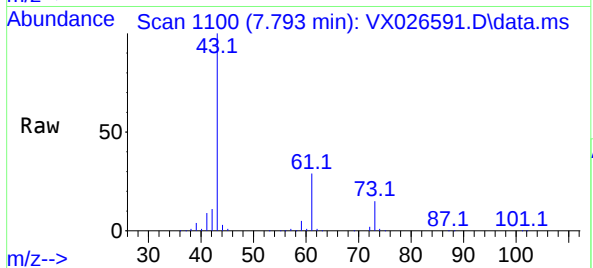




#49
1,4-Dioxane
Concen: 2.563 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.098 min
Lab File: VX026591.D
Acq: 26 Jan 2022 13:56

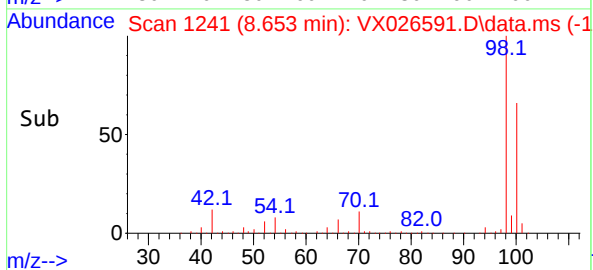
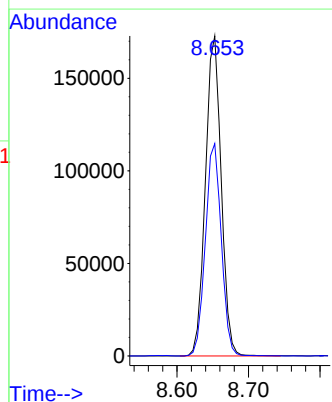
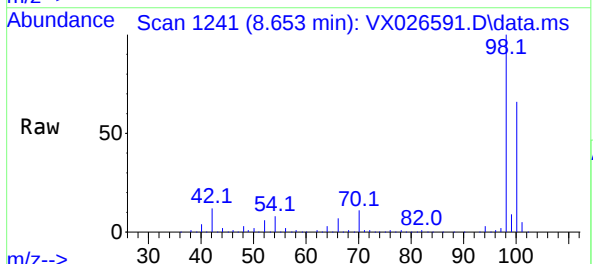
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#01

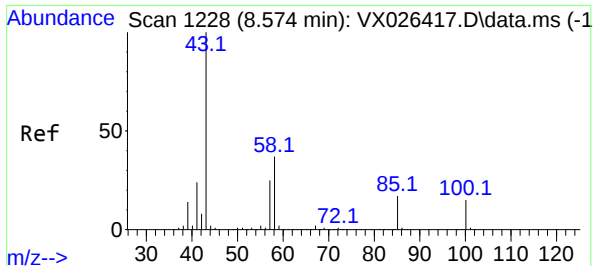
Tgt Ion: 88 Resp: 79
Ion Ratio Lower Upper
88 100
43 909260.8 29.9 44.9#
58 3420.3 57.8 86.6#



#50
Toluene-d8
Concen: 50.159 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026591.D
Acq: 26 Jan 2022 13:56

Tgt Ion: 98 Resp: 265555
Ion Ratio Lower Upper
98 100
100 67.0 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 20.637 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX026591.D

Acq: 26 Jan 2022 13:56

Instrument :

MSVOA_X

ClientSampleId :

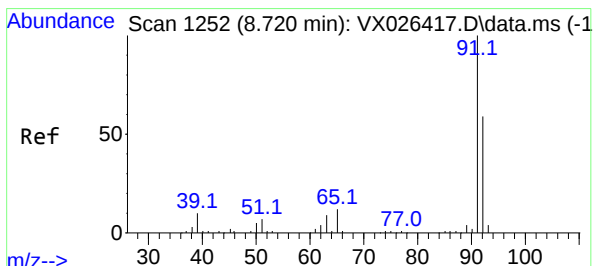
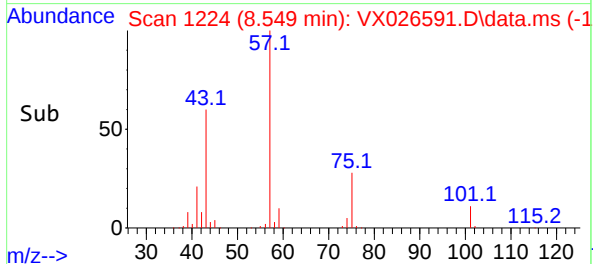
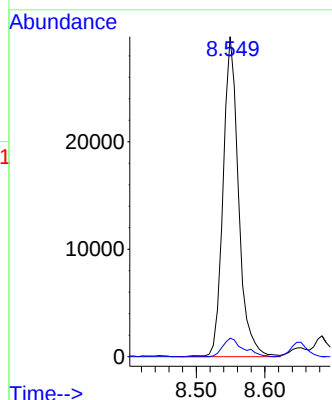
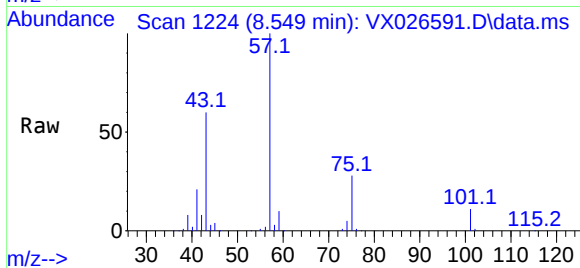
PB142265ZHE#01

Tgt Ion: 43 Resp: 46389

Ion Ratio Lower Upper

43 100

58 7.6 30.5 45.7#



#52

Toluene

Concen: 0.226 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX026591.D

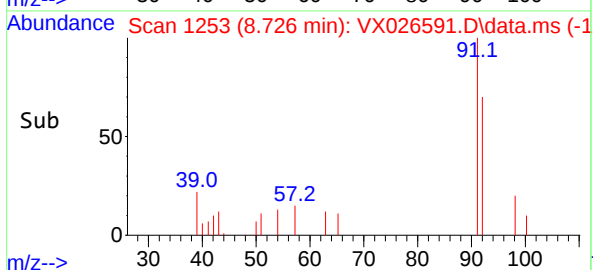
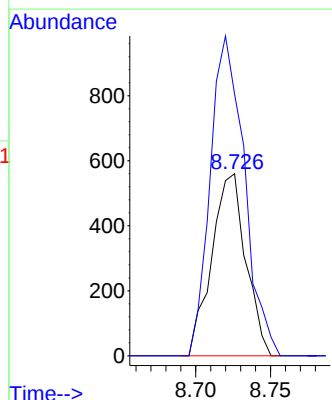
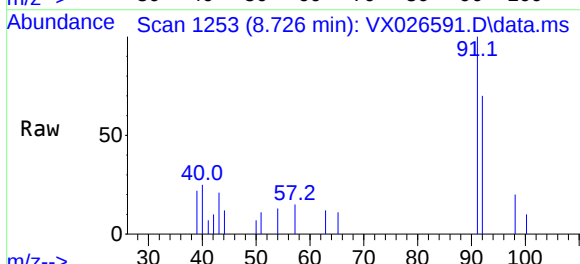
Acq: 26 Jan 2022 13:56

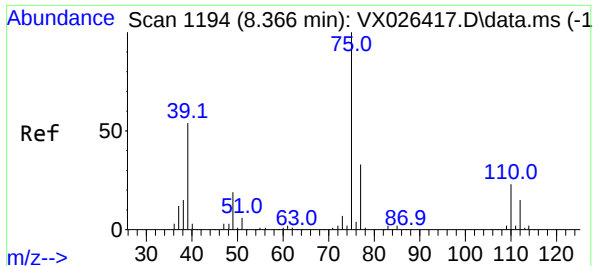
Tgt Ion: 92 Resp: 888

Ion Ratio Lower Upper

92 100

91 175.7 135.7 203.5

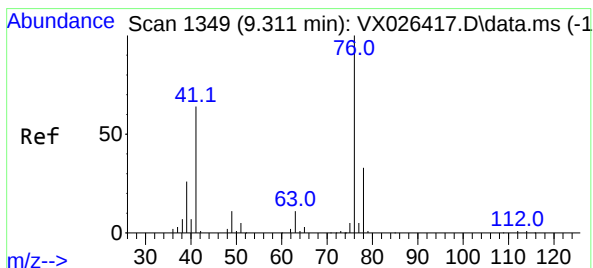
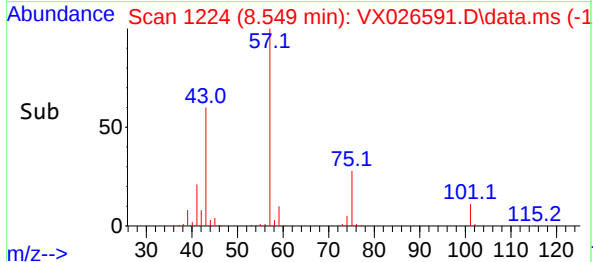
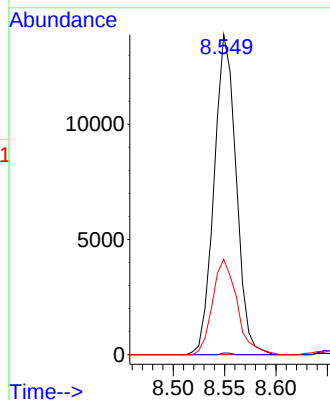
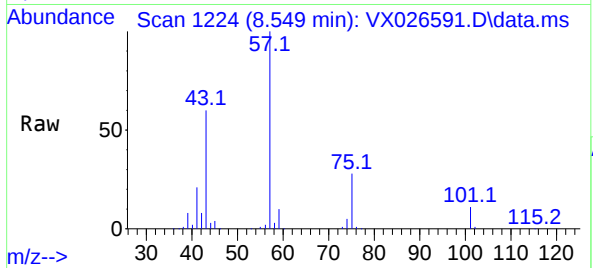




#54
cis-1,3-Dichloropropene
Concen: 8.482 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX026591.D
Acq: 26 Jan 2022 13:56

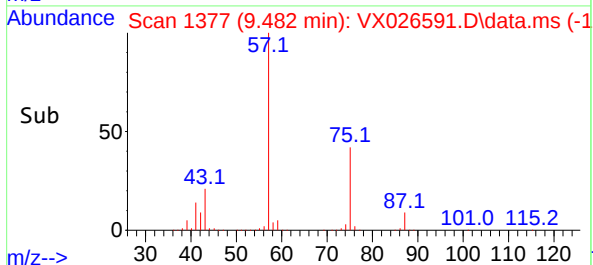
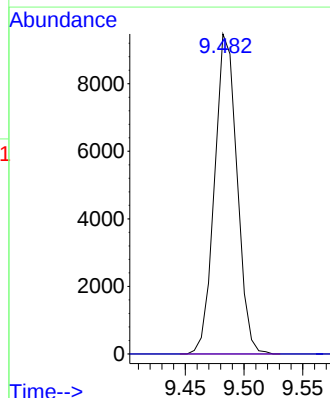
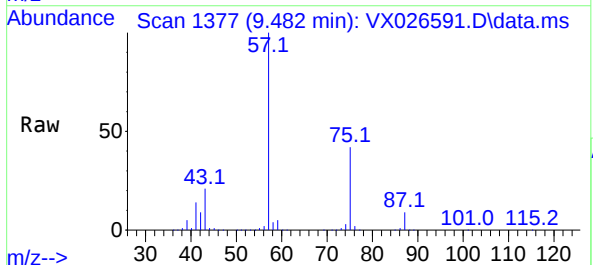
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#01

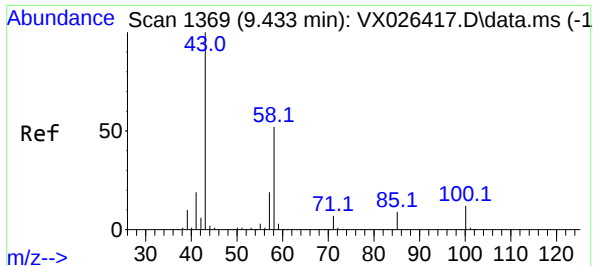
Tgt Ion: 75 Resp: 20764
Ion Ratio Lower Upper
75 100
77 0.5 26.2 39.2#
39 29.8 43.5 65.3#



#57
1,3-Dichloropropane
Concen: 4.742 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX026591.D
Acq: 26 Jan 2022 13:56

Tgt Ion: 76 Resp: 12613
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#





#59

2-Hexanone

Concen: 100.339 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX026591.D

Acq: 26 Jan 2022 13:56

Instrument :

MSVOA_X

ClientSampleId :

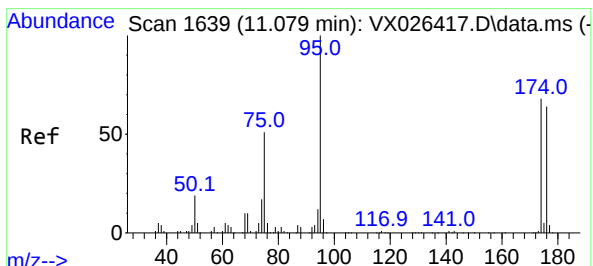
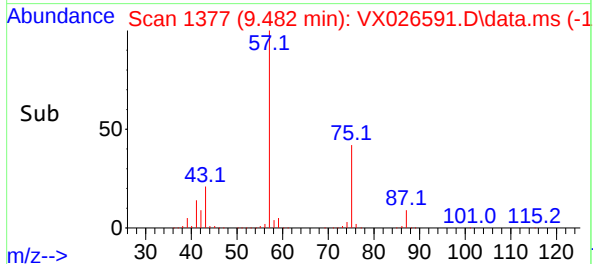
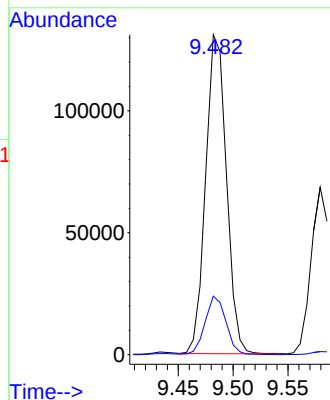
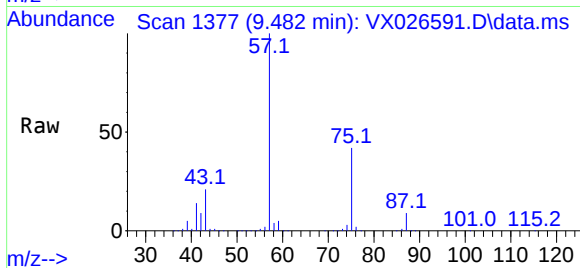
PB142265ZHE#01

Tgt Ion: 43 Resp: 172630

Ion Ratio Lower Upper

43 100

58 18.5 26.4 79.2#



#62

4-Bromofluorobenzene

Concen: 51.112 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX026591.D

Acq: 26 Jan 2022 13:56

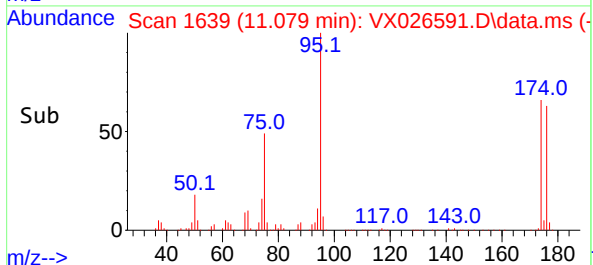
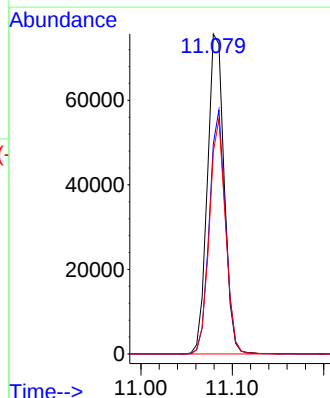
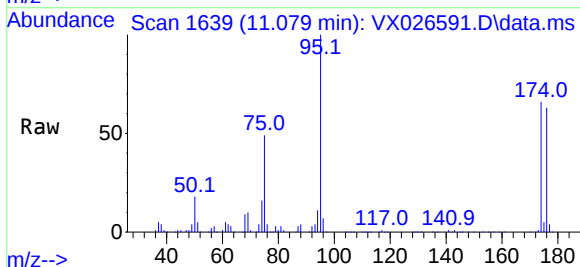
Tgt Ion: 95 Resp: 96128

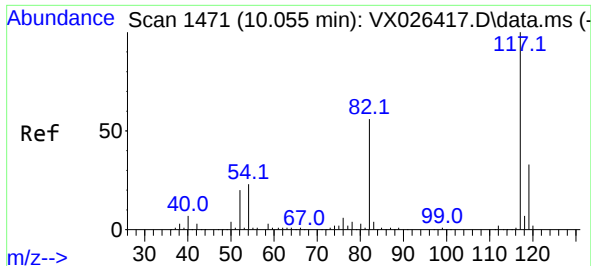
Ion Ratio Lower Upper

95 100

174 73.4 0.0 148.6

176 70.7 0.0 141.4

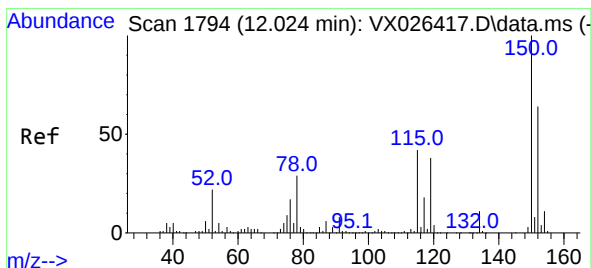
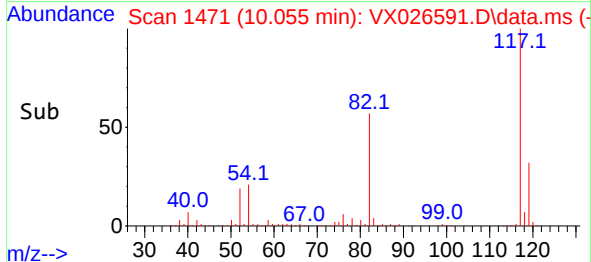
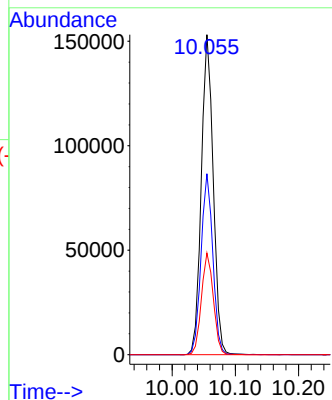
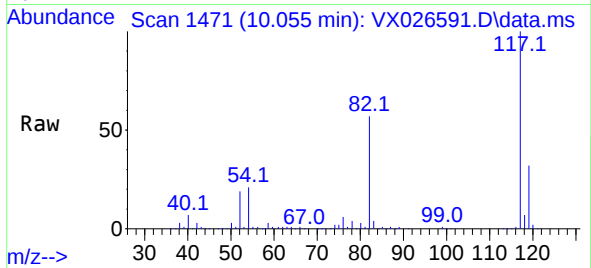




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026591.D
Acq: 26 Jan 2022 13:56

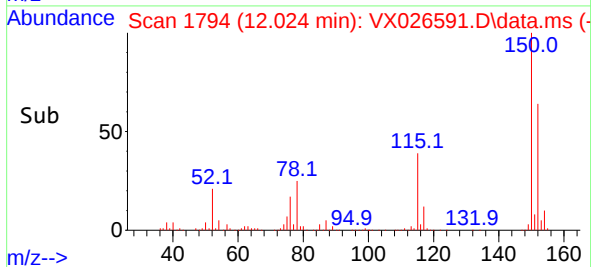
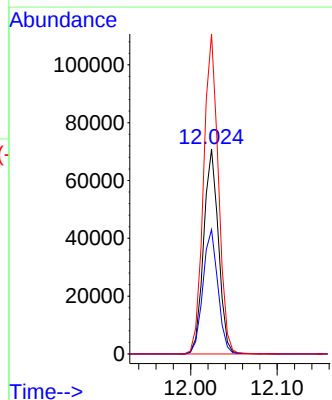
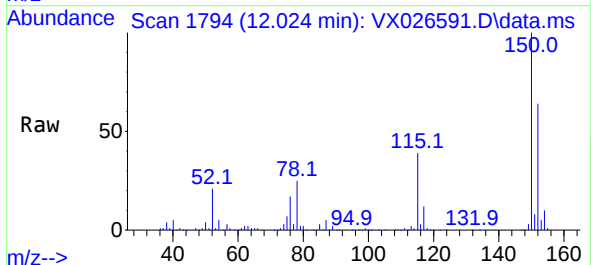
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#01

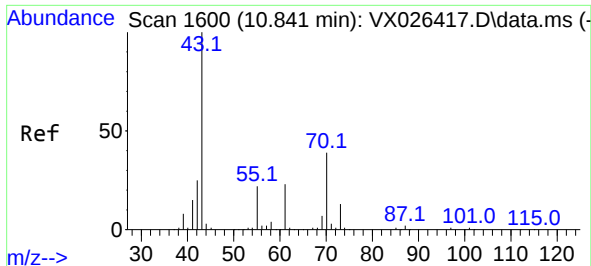
Tgt Ion:117 Resp: 200890
Ion Ratio Lower Upper
117 100
82 56.6 45.2 67.8
119 31.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026591.D
Acq: 26 Jan 2022 13:56

Tgt Ion:152 Resp: 83964
Ion Ratio Lower Upper
152 100
115 61.7 44.2 132.6
150 156.9 0.0 348.2

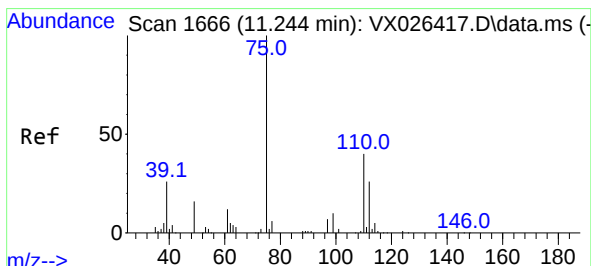
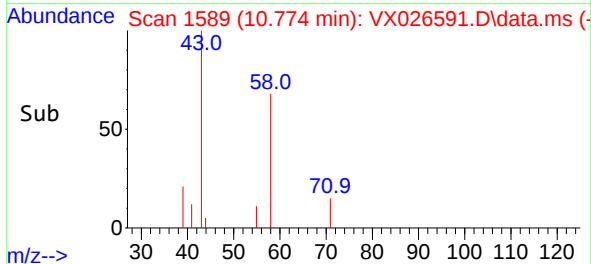
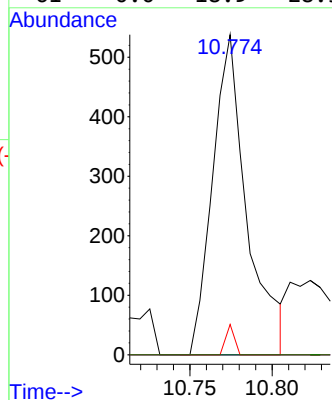
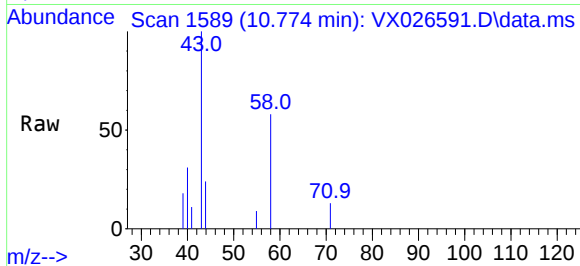




#74
N-amy1 acetate
Concen: 0.294 ug/l
RT: 10.774 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX026591.D
Acq: 26 Jan 2022 13:56

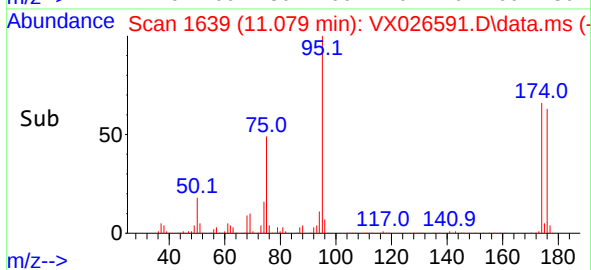
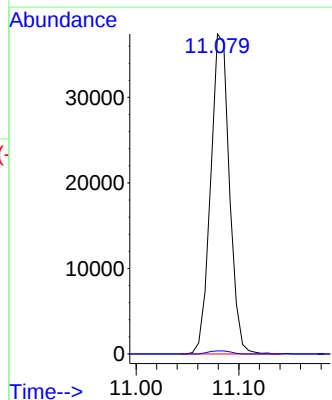
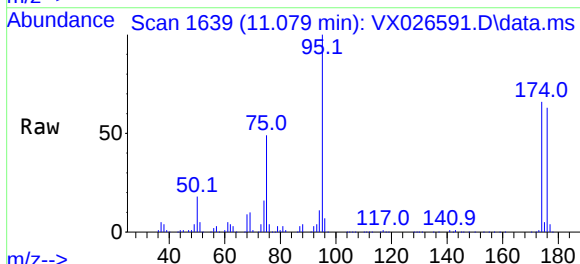
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#01

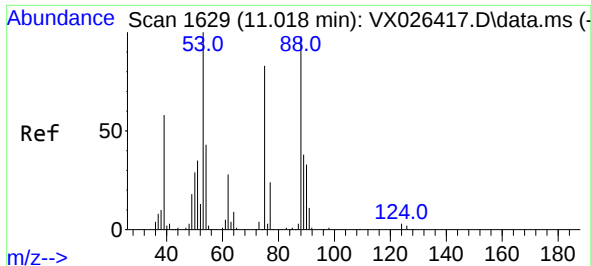
Tgt Ion:	43	Resp:	780
Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.9	49.3#
55	2.4	18.3	27.5#
61	0.0	18.9	28.3#



#76
1,2,3-Trichloropropane
Concen: 25.669 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026591.D
Acq: 26 Jan 2022 13:56

Tgt Ion:	75	Resp:	47455
Ion	Ratio	Lower	Upper
75	100		
77	1.1	18.3	54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.892 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX026591.D
 Acq: 26 Jan 2022 13:56

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142265ZHE#01

Tgt Ion: 75 Resp: 47455
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

