

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026207.D
 Acq On : 31 Dec 2021 07:07
 Operator : JC/MD
 Sample : PB141758ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB141758ZHE#08

Quant Time: Dec 31 21:37:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

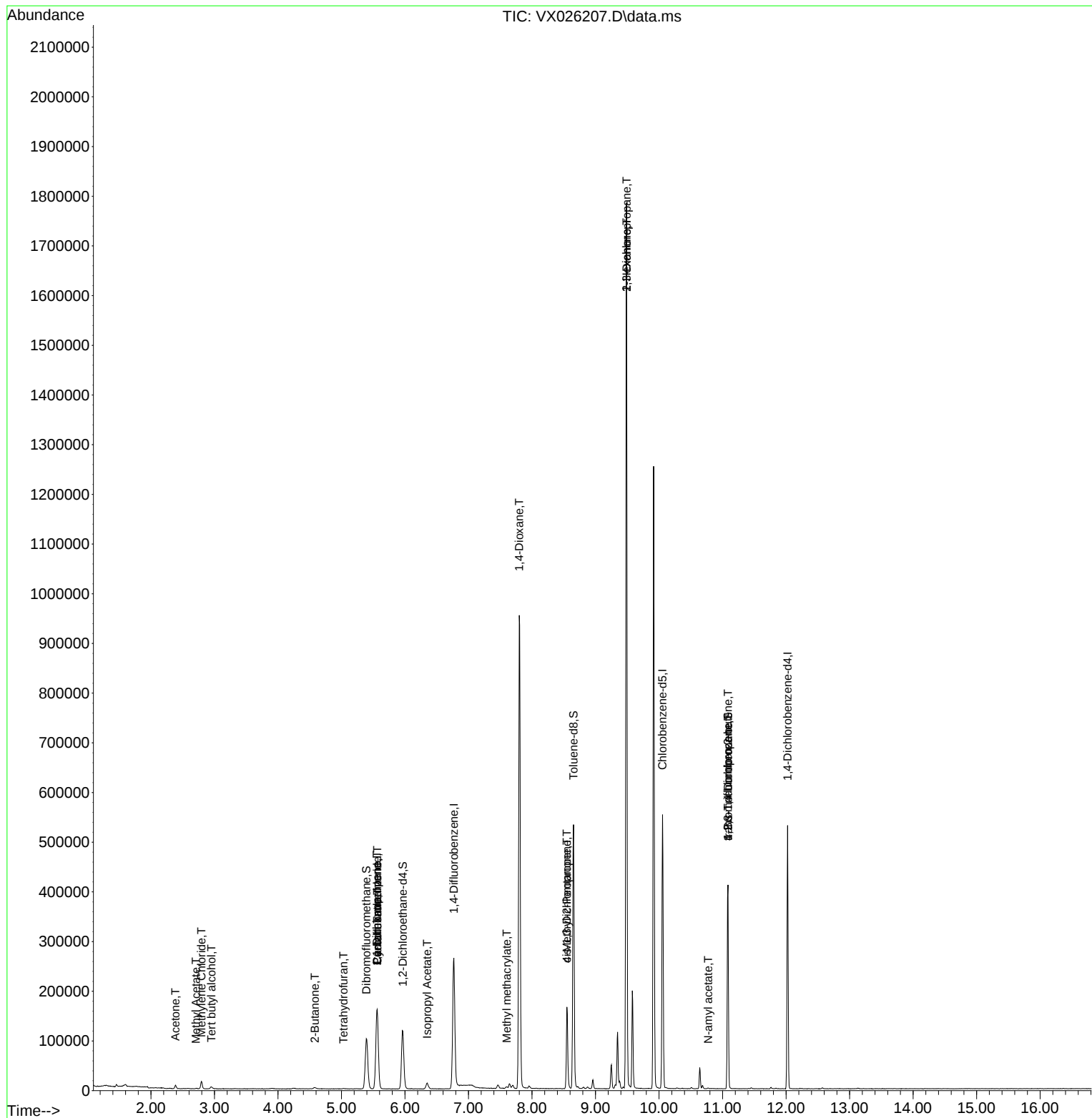
Internal Standards						
1) Pentafluorobenzene	5.562	168	141569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	246882	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110708	54.054	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.100%			
35) Dibromofluoromethane	5.391	113	85133	53.040	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.080%			
50) Toluene-d8	8.653	98	298853	50.057	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.120%			
62) 4-Bromofluorobenzene	11.085	95	102258	48.114	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.220%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	2662	6.507	ug/l #	73
16) Acetone	2.386	43	7740	6.975	ug/l	96
18) Methyl Acetate	2.709	43	1832	0.509	ug/l #	71
20) Methylene Chloride	2.794	84	6192	2.594	ug/l	93
25) 2-Butanone	4.580	43	4050	2.620	ug/l	95
29) Tetrahydrofuran	5.032	42	594	0.610	ug/l #	58
31) Cyclohexane	5.562	56	3866	1.325	ug/l #	40
36) 1,1-Dichloropropene	5.556	75	12250	4.732	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15090	5.240	ug/l #	15
43) Isopropyl Acetate	6.348	43	15908	3.252	ug/l	95
48) Methyl methacrylate	7.604	41	5327	2.270	ug/l #	12
49) 1,4-Dioxane	7.799	88	68	1.573	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	59099	19.412	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	23143	7.678	ug/l #	71
57) 1,3-Dichloropropane	9.488	76	14434	4.508	ug/l #	42
59) 2-Hexanone	9.488	43	219593	95.224	ug/l #	49
74) N-amyl acetate	10.774	43	929	0.278	ug/l #	43
76) 1,2,3-Trichloropropane	11.085	75	57360	25.377	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	57360	73.415	ug/l #	10

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

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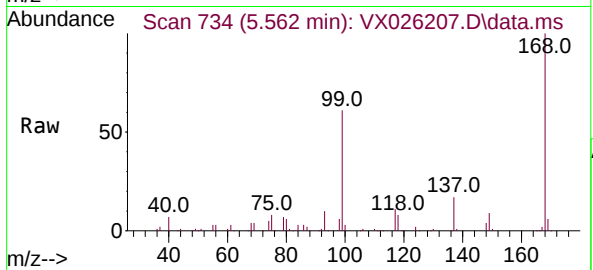
Quant Time: Dec 31 21:37:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
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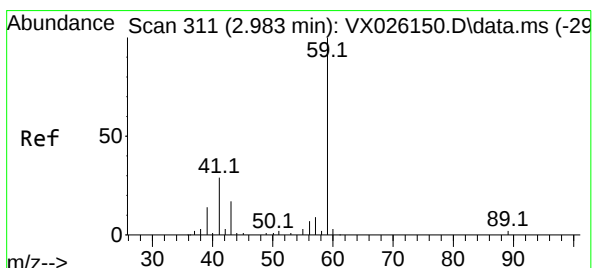
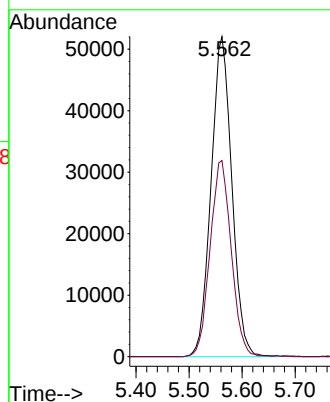
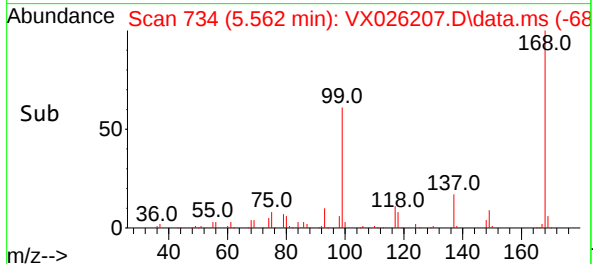


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026207.D
Acq: 31 Dec 2021 07:07

Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#08

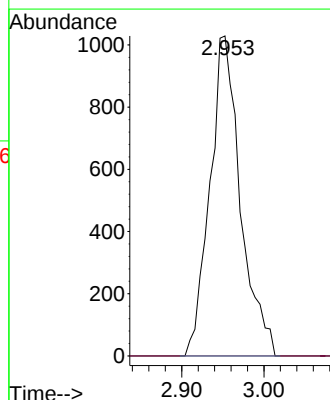
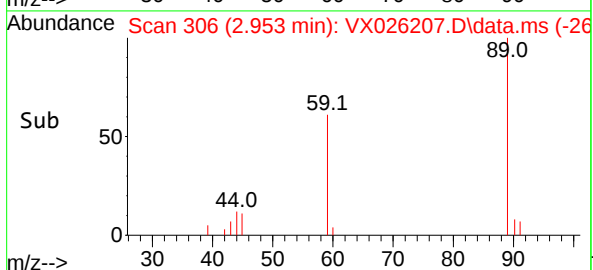
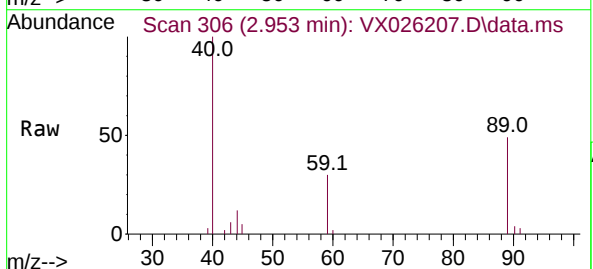


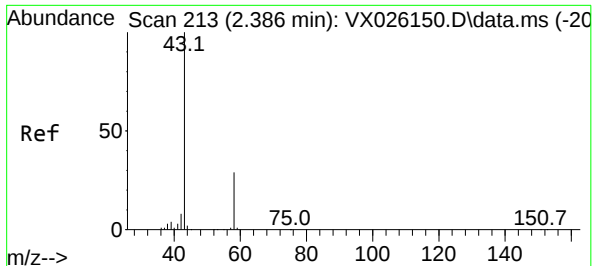
Tgt Ion:168 Resp: 141569
Ion Ratio Lower Upper
168 100
99 61.3 45.8 68.8



#11
Tert butyl alcohol
Concen: 6.507 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX026207.D
Acq: 31 Dec 2021 07:07

Tgt Ion: 59 Resp: 2662
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

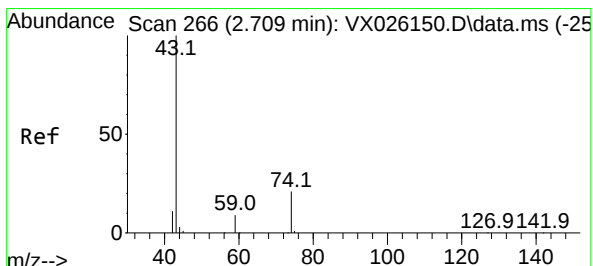
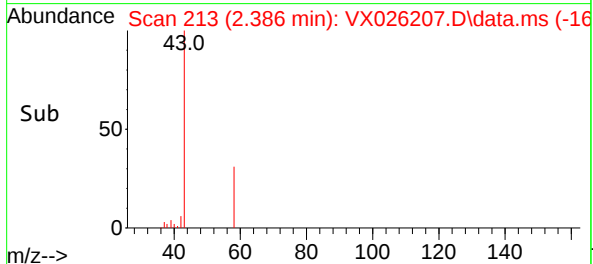
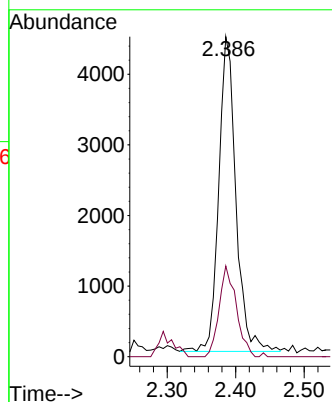
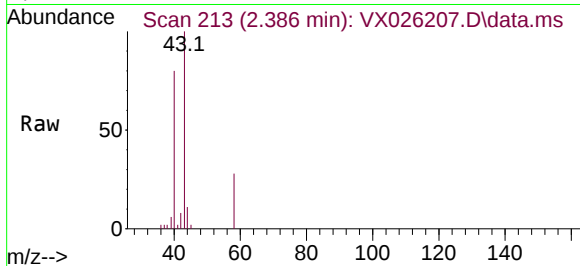




#16
Acetone
Concen: 6.975 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026207.D
Acq: 31 Dec 2021 07:07

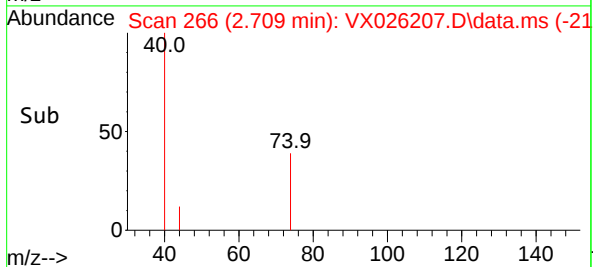
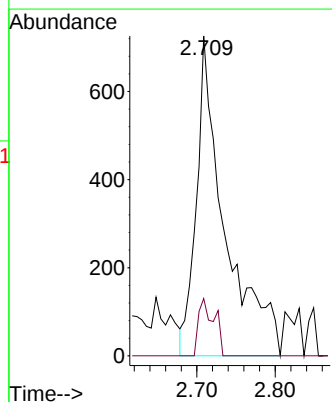
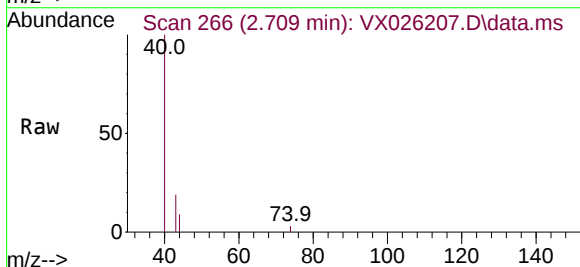
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#08

Tgt Ion: 43 Resp: 7740
Ion Ratio Lower Upper
43 100
58 28.8 24.8 37.2



#18
Methyl Acetate
Concen: 0.509 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026207.D
Acq: 31 Dec 2021 07:07

Tgt Ion: 43 Resp: 1832
Ion Ratio Lower Upper
43 100
74 9.8 19.1 28.7#

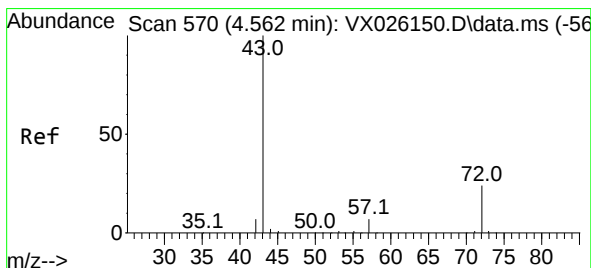
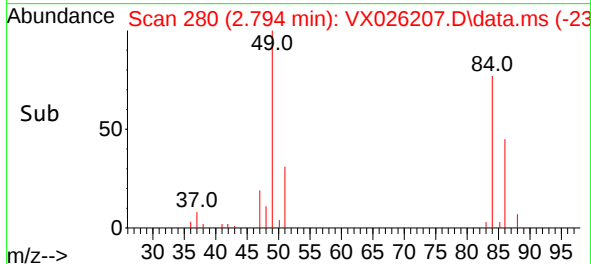
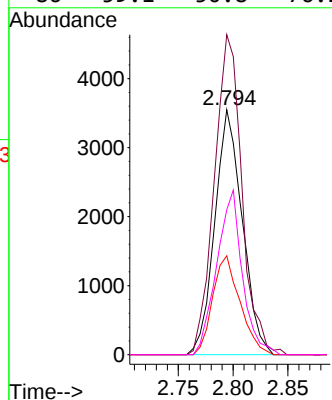
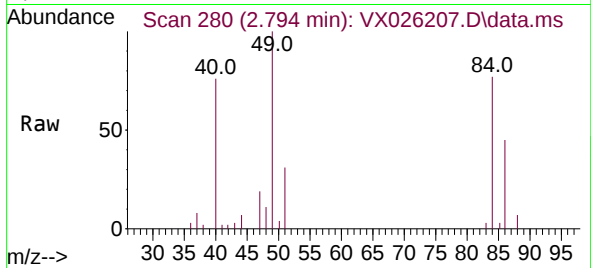




#20
Methylene Chloride
Concen: 2.594 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026207.D
Acq: 31 Dec 2021 07:07

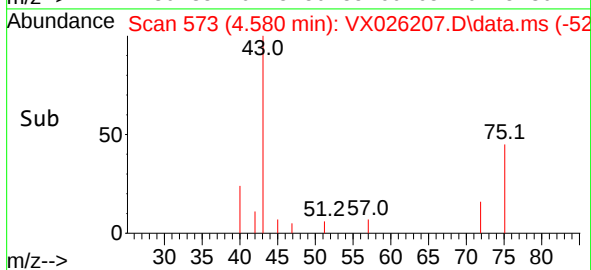
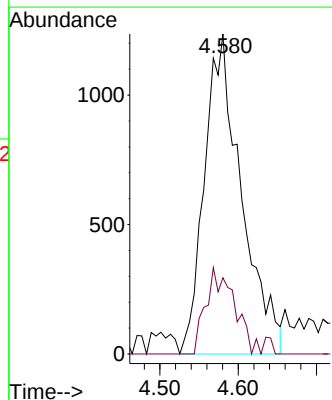
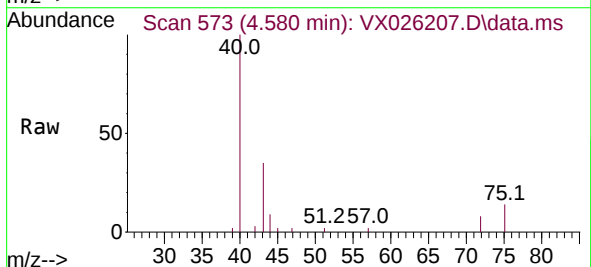
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#08

Tgt Ion:	84	Resp:	6192
Ion	Ratio	Lower	Upper
84	100		
49	130.6	97.1	145.7
51	40.3	29.3	43.9
86	59.1	50.8	76.2



#25
2-Butanone
Concen: 2.620 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX026207.D
Acq: 31 Dec 2021 07:07

Tgt Ion:	43	Resp:	4050
Ion	Ratio	Lower	Upper
43	100		
72	23.8	21.0	31.4





#29

Tetrahydrofuran

Concen: 0.610 ug/l

RT: 5.032 min Scan# 644

Delta R.T. 0.019 min

Lab File: VX026207.D

Acq: 31 Dec 2021 07:07

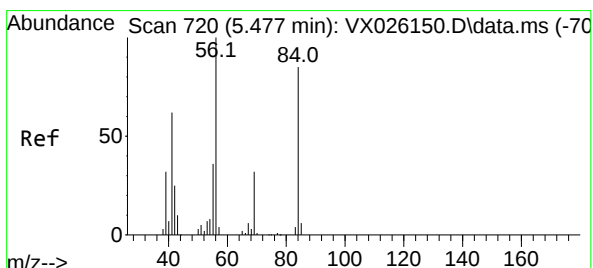
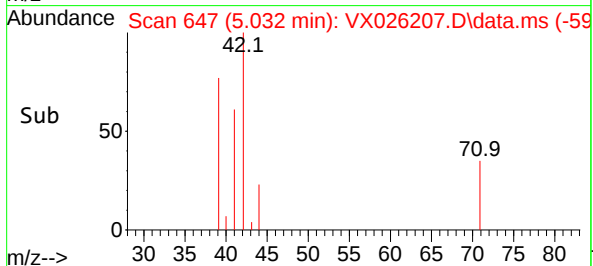
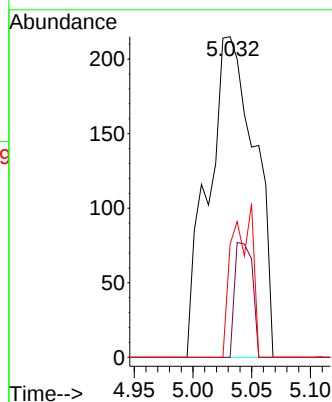
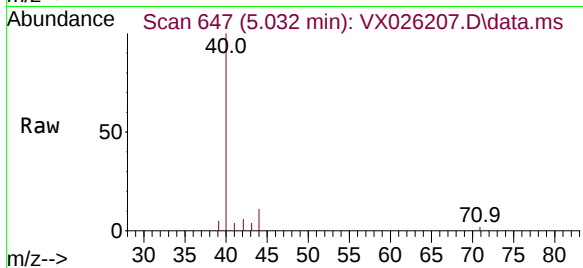
Instrument :

MSVOA_X

ClientSampleId :

PB141758ZHE#08

Tgt Ion:	42	Resp:	594
Ion	Ratio	Lower	Upper
42	100		
72	13.5	37.0	55.6#
71	20.9	34.1	51.1#



#31

Cyclohexane

Concen: 1.325 ug/l

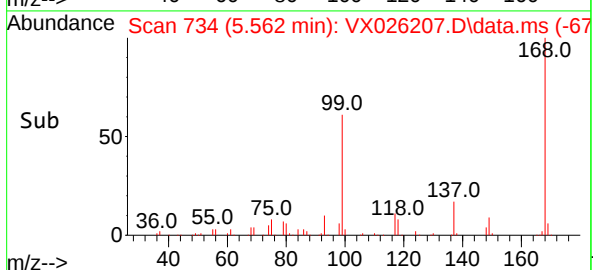
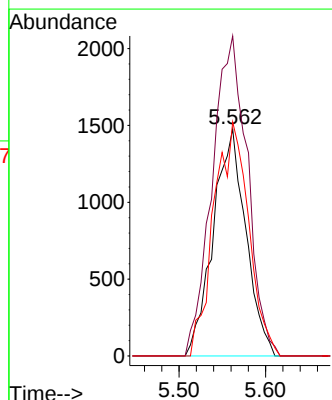
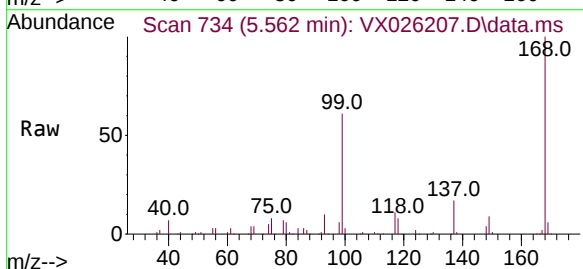
RT: 5.562 min Scan# 734

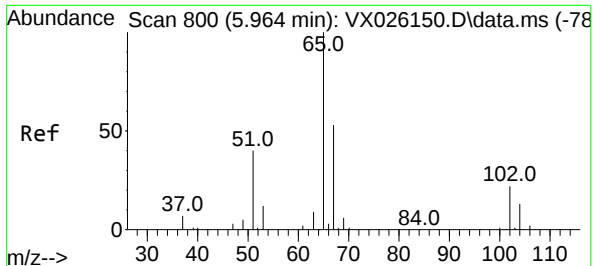
Delta R.T. 0.085 min

Lab File: VX026207.D

Acq: 31 Dec 2021 07:07

Tgt Ion:	56	Resp:	3866
Ion	Ratio	Lower	Upper
56	100		
69	141.0	23.9	35.9#
84	103.1	73.2	109.8





#33

1,2-Dichloroethane-d4

Concen: 54.054 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX026207.D

Acq: 31 Dec 2021 07:07

Instrument :

MSVOA_X

ClientSampleId :

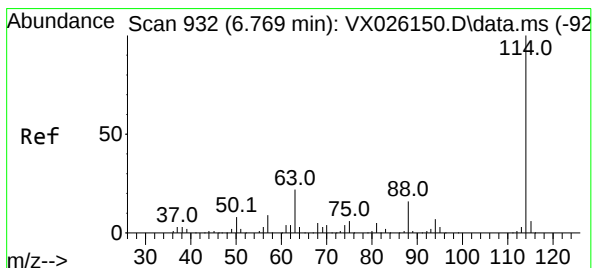
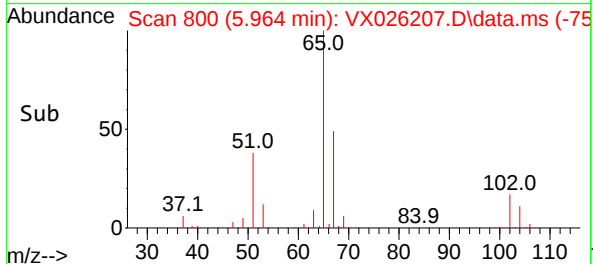
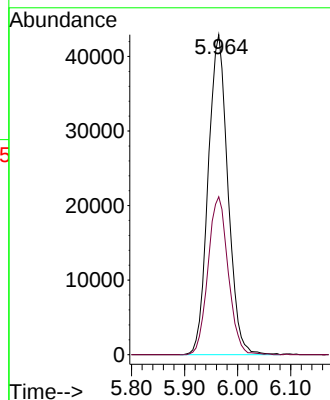
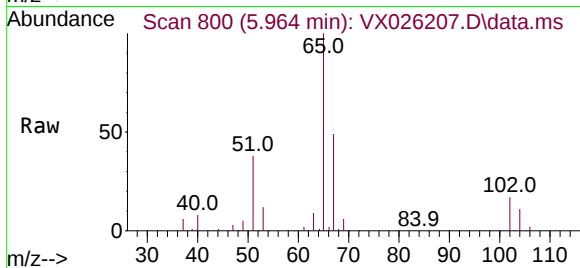
PB141758ZHE#08

Tgt Ion: 65 Resp: 110708

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX026207.D

Acq: 31 Dec 2021 07:07

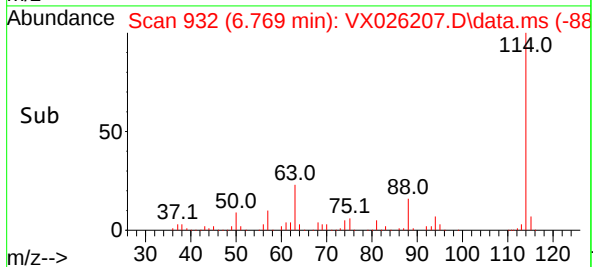
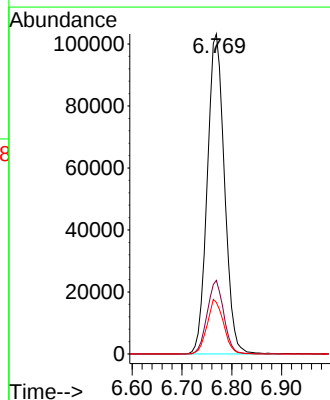
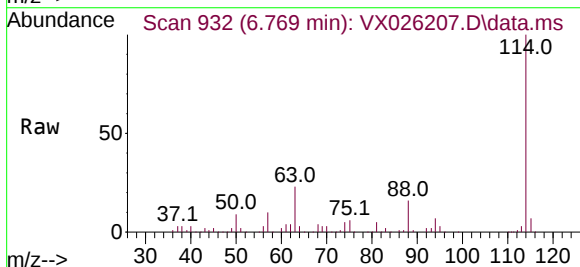
Tgt Ion: 114 Resp: 246882

Ion Ratio Lower Upper

114 100

63 23.0 0.0 40.0

88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.040 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026207.D

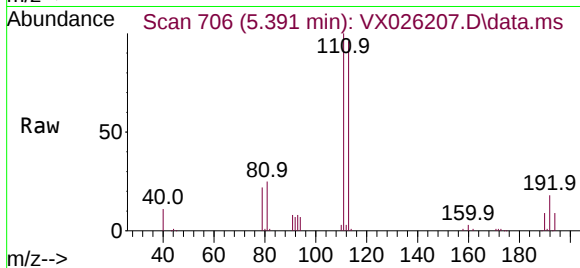
Acq: 31 Dec 2021 07:07

Instrument :

MSVOA_X

ClientSampleId :

PB141758ZHE#08



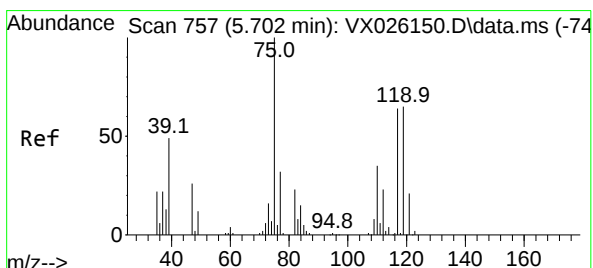
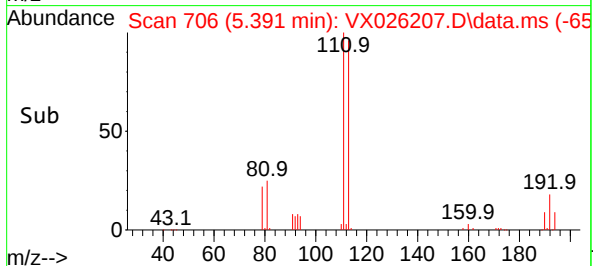
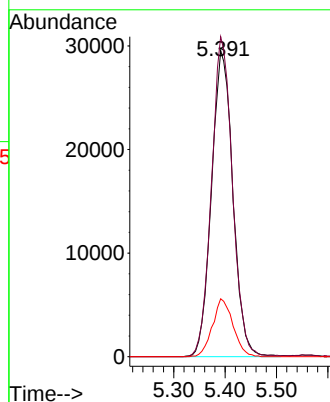
Tgt Ion:113 Resp: 85133

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

192 18.2 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.732 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX026207.D

Acq: 31 Dec 2021 07:07

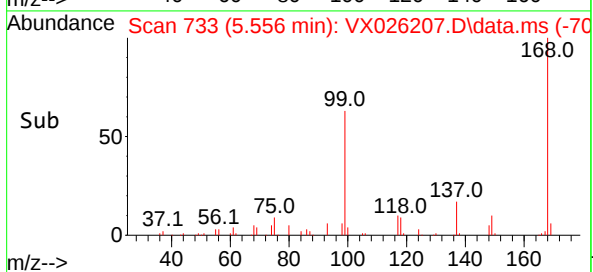
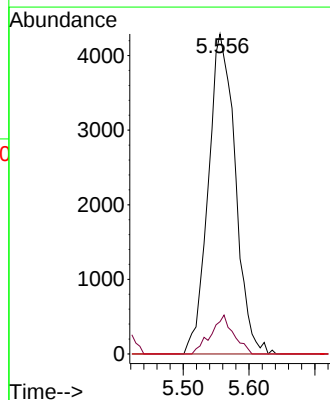
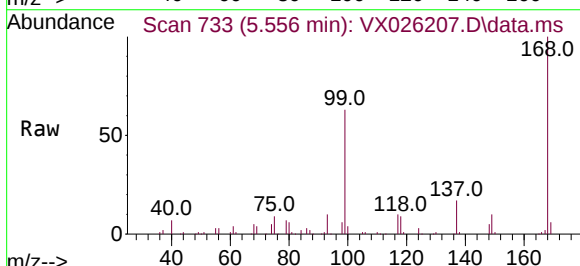
Tgt Ion: 75 Resp: 12250

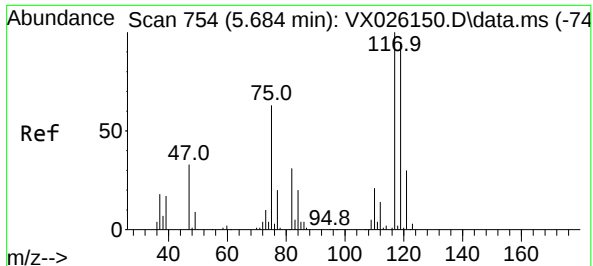
Ion Ratio Lower Upper

75 100

110 10.2 18.2 54.6#

77 0.0 24.7 37.1#

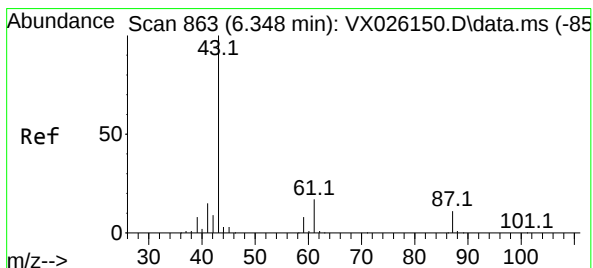
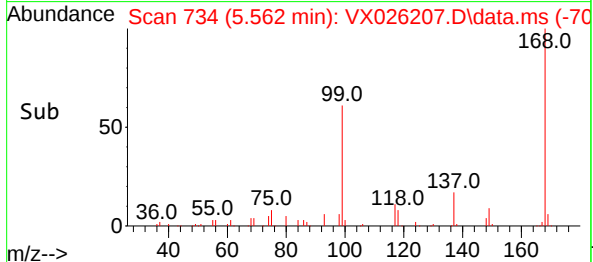
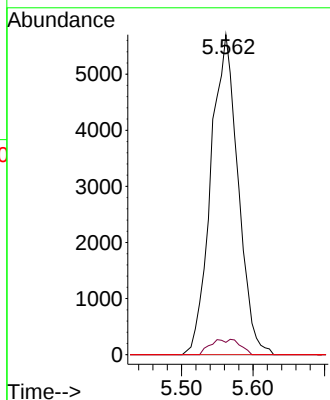
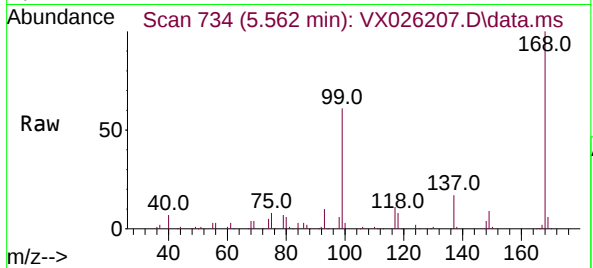




#38
Carbon Tetrachloride
Concen: 5.240 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026207.D
Acq: 31 Dec 2021 07:07

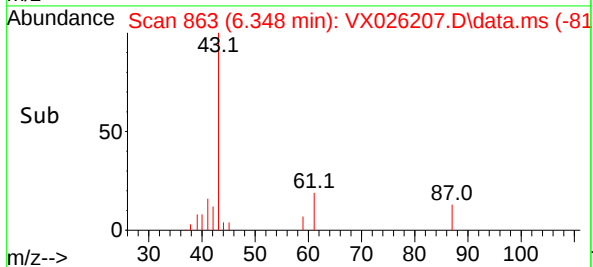
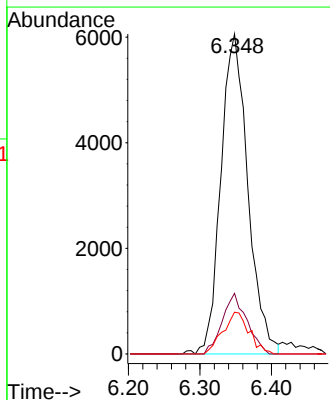
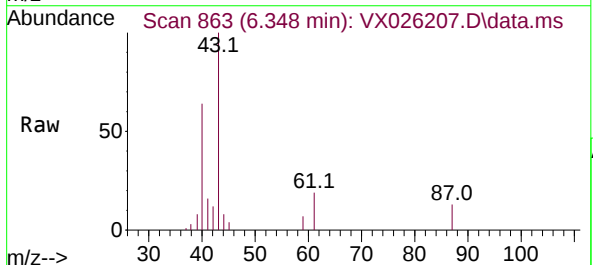
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#08

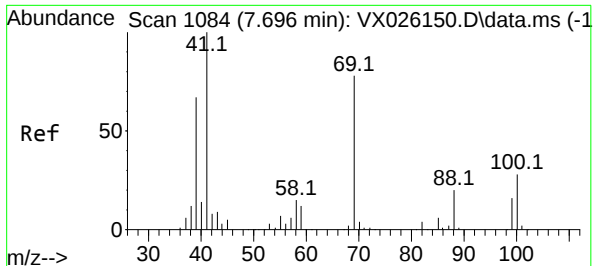
Tgt Ion:117 Resp: 15090
Ion Ratio Lower Upper
117 100
119 3.8 77.2 115.8#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 3.252 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX026207.D
Acq: 31 Dec 2021 07:07

Tgt Ion: 43 Resp: 15908
Ion Ratio Lower Upper
43 100
61 17.2 15.7 23.5
87 12.6 11.2 16.8





#48

Methyl methacrylate

Concen: 2.270 ug/l

RT: 7.604 min Scan# 1101

Delta R.T. -0.092 min

Lab File: VX026207.D

Acq: 31 Dec 2021 07:07

Instrument :

MSVOA_X

ClientSampleId :

PB141758ZHE#08

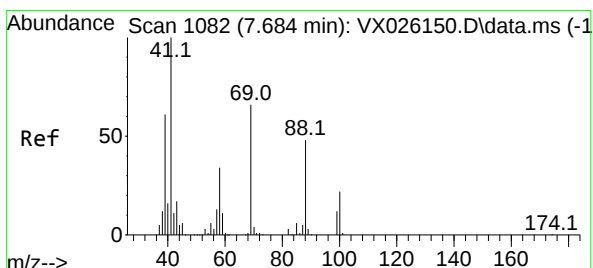
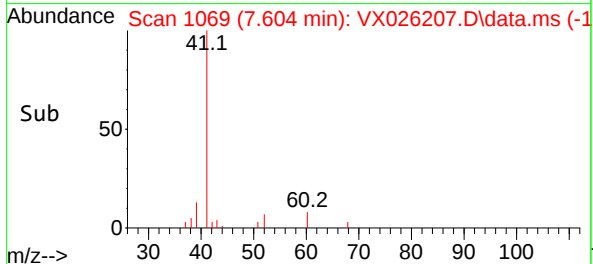
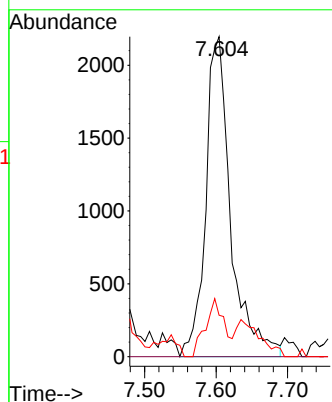
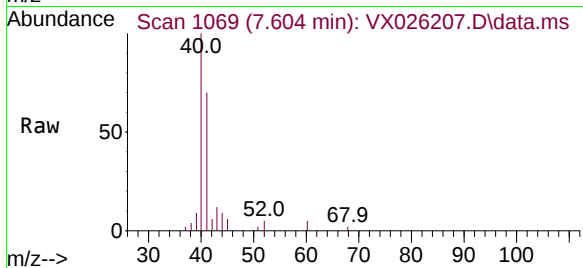
Tgt Ion: 41 Resp: 5327

Ion Ratio Lower Upper

41 100

69 0.0 67.3 100.9#

39 0.0 50.2 75.2#



#49

1,4-Dioxane

Concen: 1.573 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.115 min

Lab File: VX026207.D

Acq: 31 Dec 2021 07:07

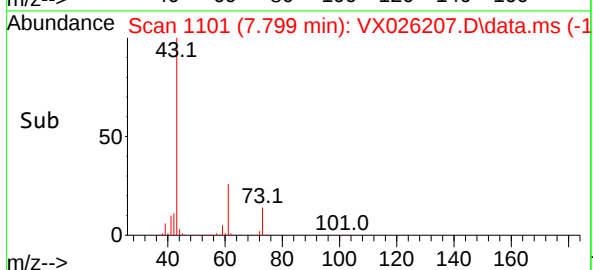
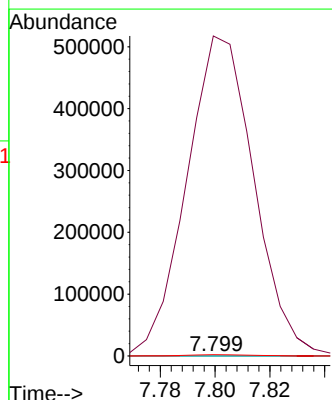
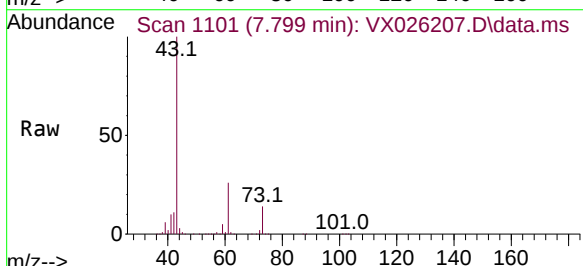
Tgt Ion: 88 Resp: 68

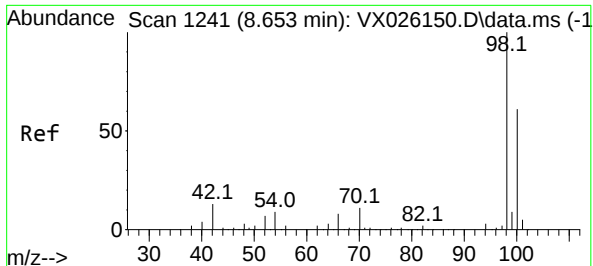
Ion Ratio Lower Upper

88 100

43 1311000.0 25.3 37.9#

58 5332.4 51.8 77.6#

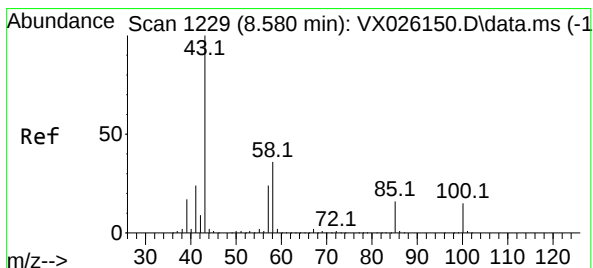
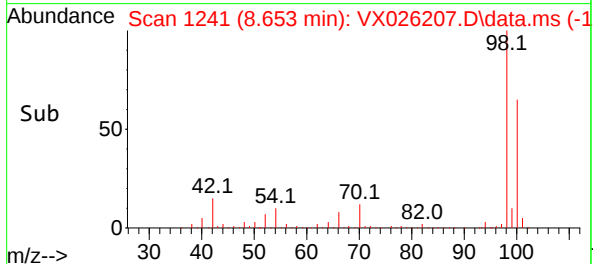
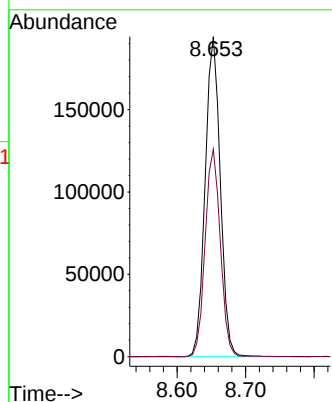
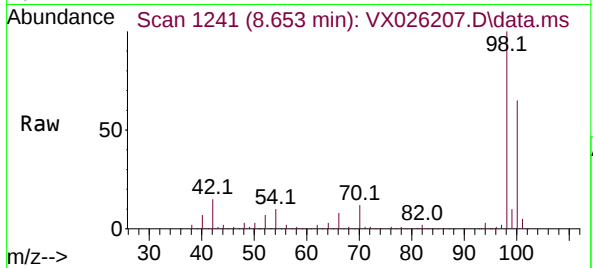




#50
Toluene-d8
Concen: 50.057 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026207.D
Acq: 31 Dec 2021 07:07

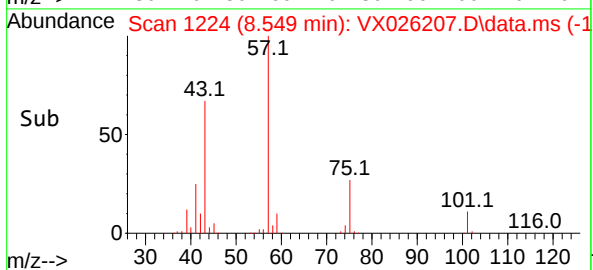
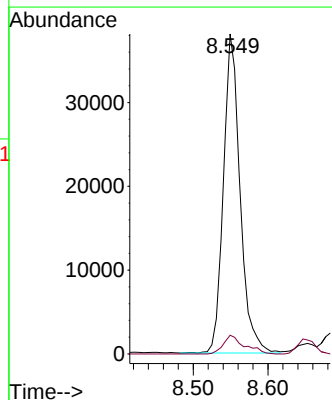
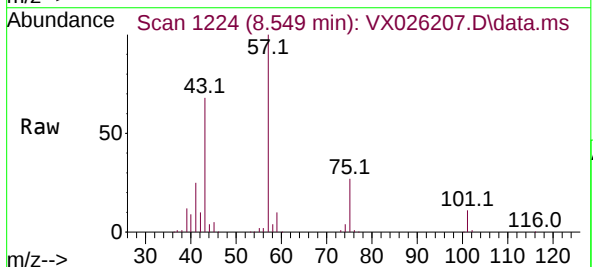
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#08

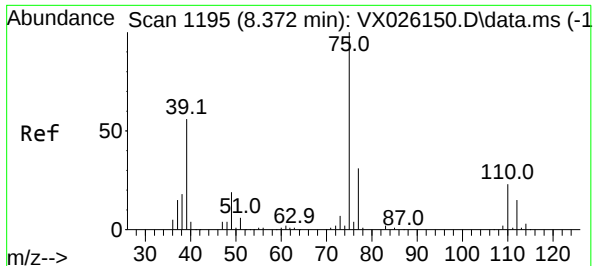
Tgt Ion: 98 Resp: 298853
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 19.412 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX026207.D
Acq: 31 Dec 2021 07:07

Tgt Ion: 43 Resp: 59099
Ion Ratio Lower Upper
43 100
58 7.4 30.8 46.2#

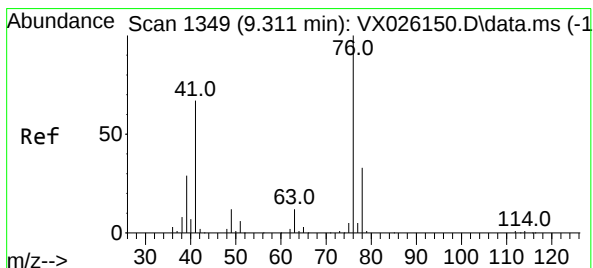
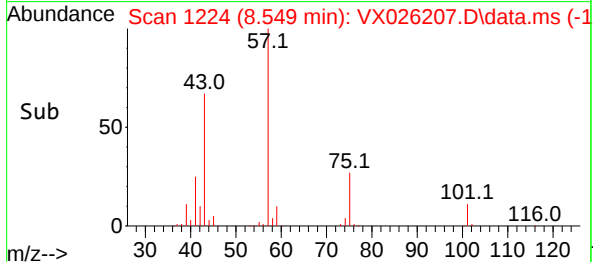
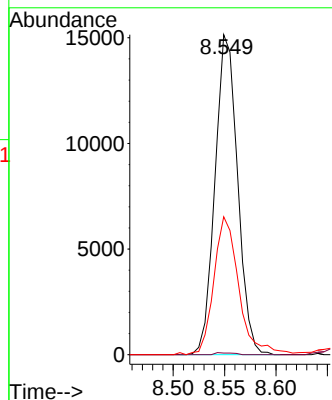
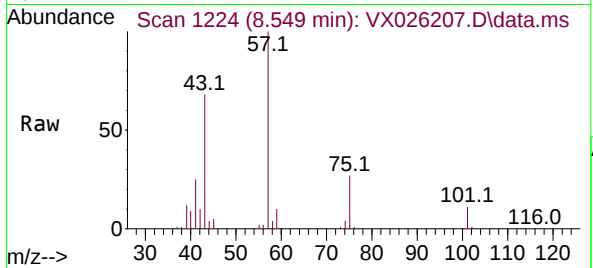




#54
 cis-1,3-Dichloropropene
 Concen: 7.678 ug/l
 RT: 8.549 min Scan# 1195
 Delta R.T. 0.177 min
 Lab File: VX026207.D
 Acq: 31 Dec 2021 07:07

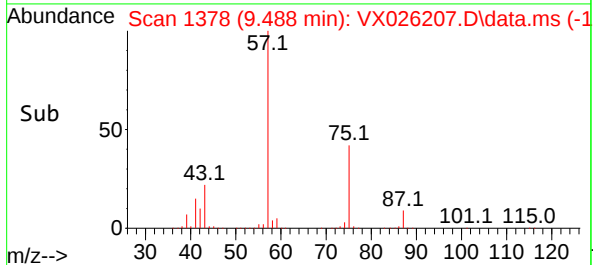
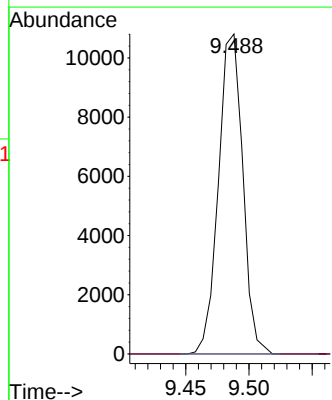
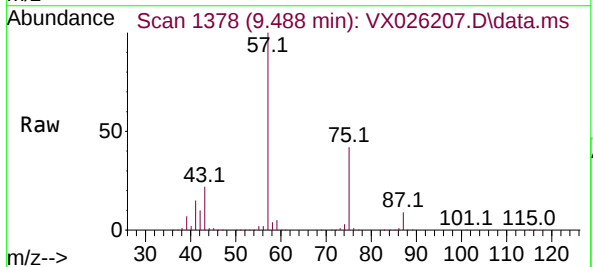
Instrument :
 MSVOA_X
 ClientSampleId :
 PB141758ZHE#08

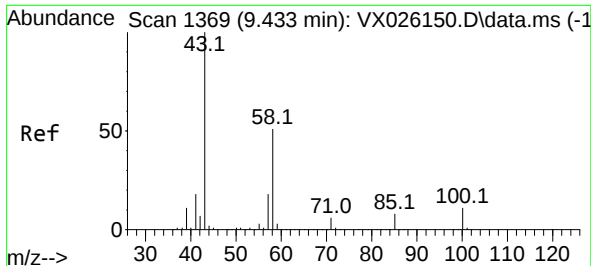
Tgt Ion: 75 Resp: 23143
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.3 37.9#
 39 42.5 41.4 62.0



#57
 1,3-Dichloropropane
 Concen: 4.508 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX026207.D
 Acq: 31 Dec 2021 07:07

Tgt Ion: 76 Resp: 14434
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#

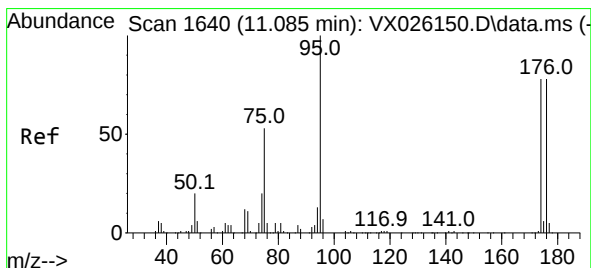
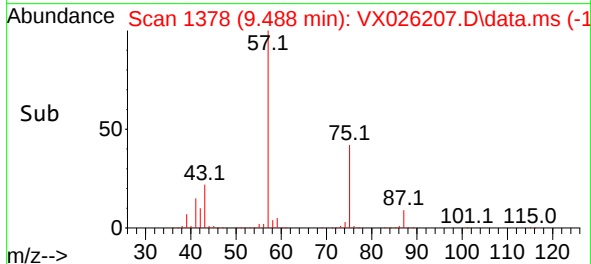
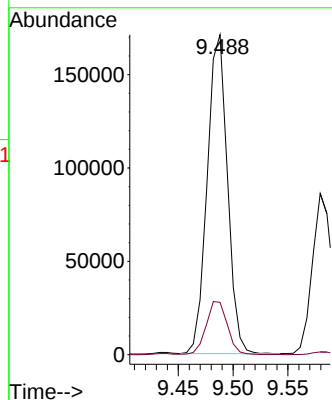
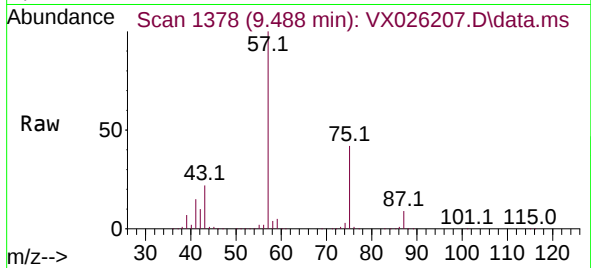




#59
2-Hexanone
Concen: 95.224 ug/l
RT: 9.488 min Scan# 11
Delta R.T. 0.055 min
Lab File: VX026207.D
Acq: 31 Dec 2021 07:07

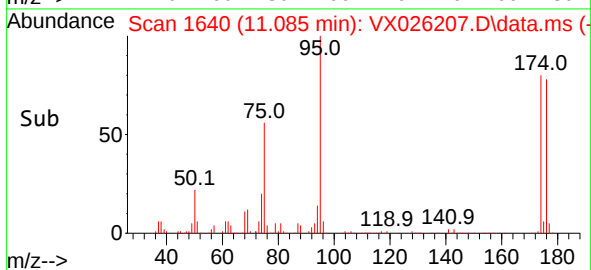
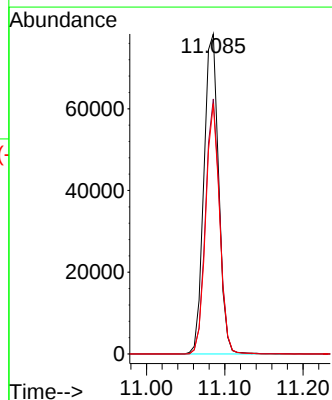
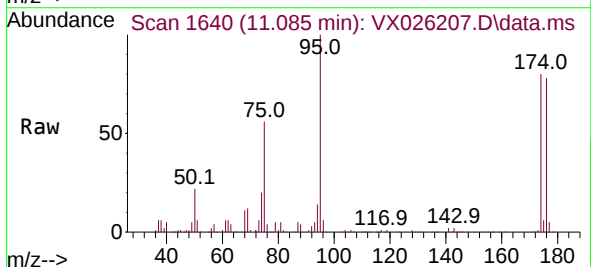
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#08

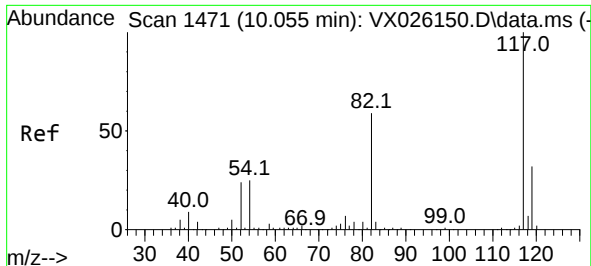
Tgt Ion: 43 Resp: 219593
Ion Ratio Lower Upper
43 100
58 17.6 26.9 80.6#



#62
4-Bromofluorobenzene
Concen: 48.114 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX026207.D
Acq: 31 Dec 2021 07:07

Tgt Ion: 95 Resp: 102258
Ion Ratio Lower Upper
95 100
174 76.2 0.0 157.4
176 73.8 0.0 154.6

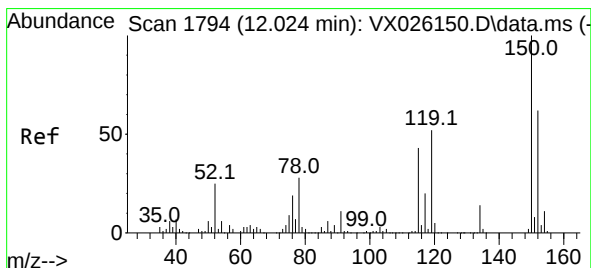
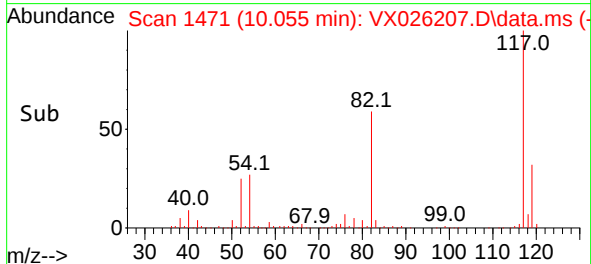
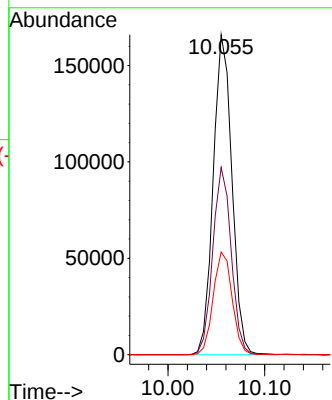
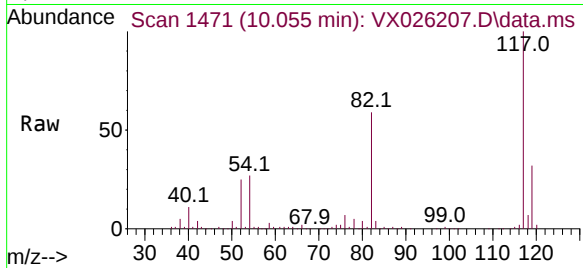




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026207.D
Acq: 31 Dec 2021 07:07

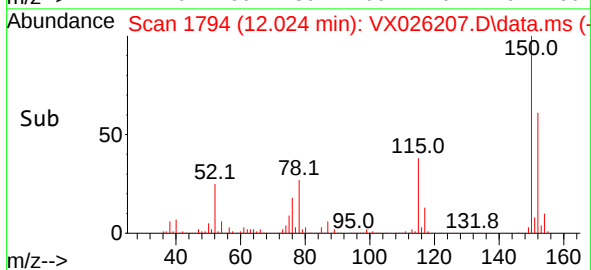
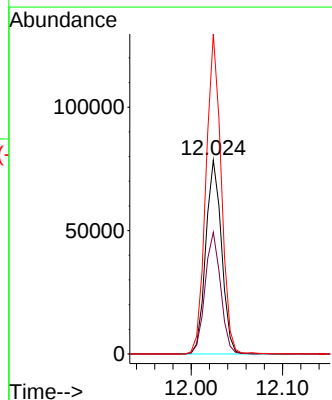
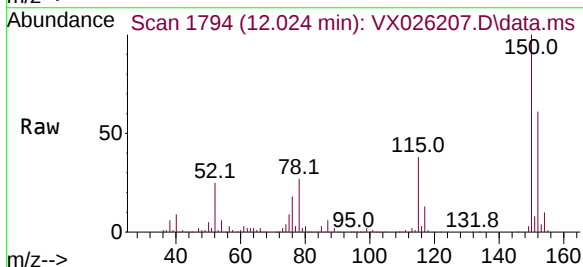
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#08

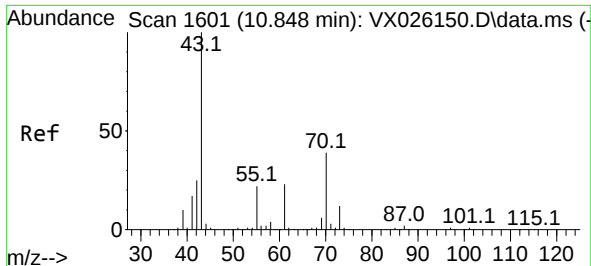
Tgt Ion:117 Resp: 222962
Ion Ratio Lower Upper
117 100
82 58.5 43.8 65.6
119 32.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026207.D
Acq: 31 Dec 2021 07:07

Tgt Ion:152 Resp: 93644
Ion Ratio Lower Upper
152 100
115 62.0 41.3 123.9
150 160.2 0.0 351.8

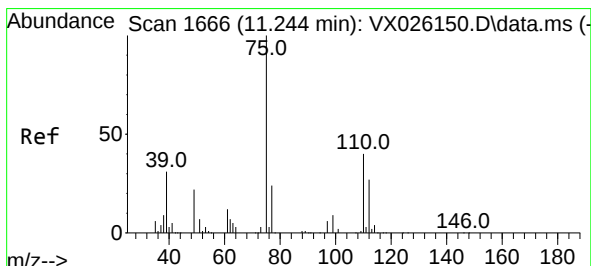
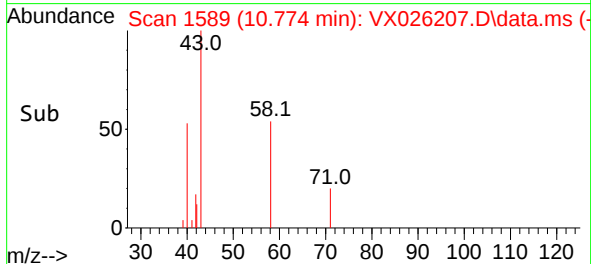
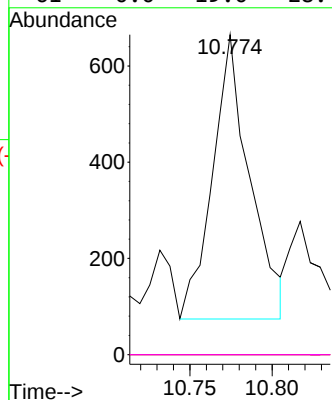
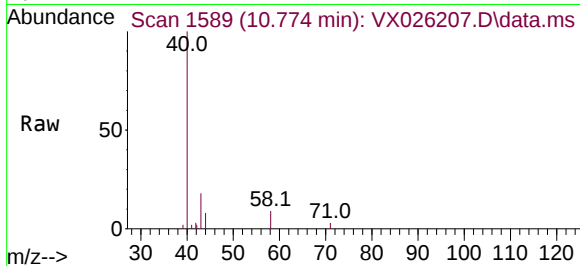




#74
N-amy1 acetate
Concen: 0.278 ug/l
RT: 10.774 min Scan# 11
Delta R.T. -0.074 min
Lab File: VX026207.D
Acq: 31 Dec 2021 07:07

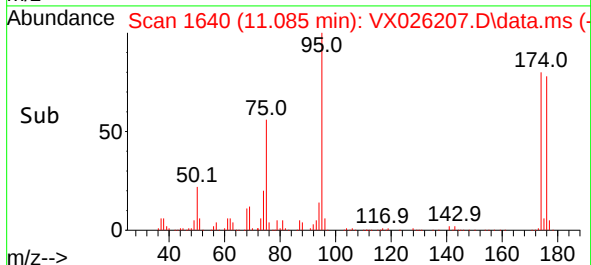
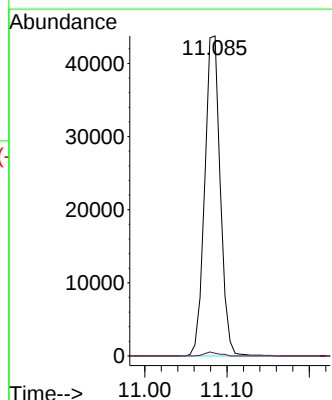
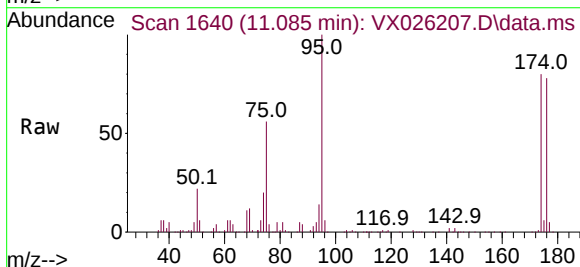
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#08

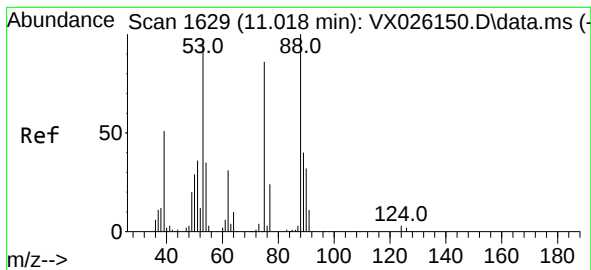
Tgt Ion: 43	Resp:	929
Ion	Ratio	Lower Upper
43	100	
70	0.0	34.1 51.1#
55	0.0	19.2 28.8#
61	0.0	19.0 28.4#



#76
1,2,3-Trichloropropane
Concen: 25.377 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX026207.D
Acq: 31 Dec 2021 07:07

Tgt Ion: 75	Resp:	57360
Ion	Ratio	Lower Upper
75	100	
77	1.2	19.0 57.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.415 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX026207.D
 Acq: 31 Dec 2021 07:07

Instrument :
 MSVOA_X
 ClientSampleId :
 PB141758ZHE#08

Tgt Ion: 75 Resp: 57360
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

