

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026202.D
 Acq On : 31 Dec 2021 05:11
 Operator : JC/MD
 Sample : PB141758ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB141758ZHE#03

Quant Time: Dec 31 21:36:24 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)

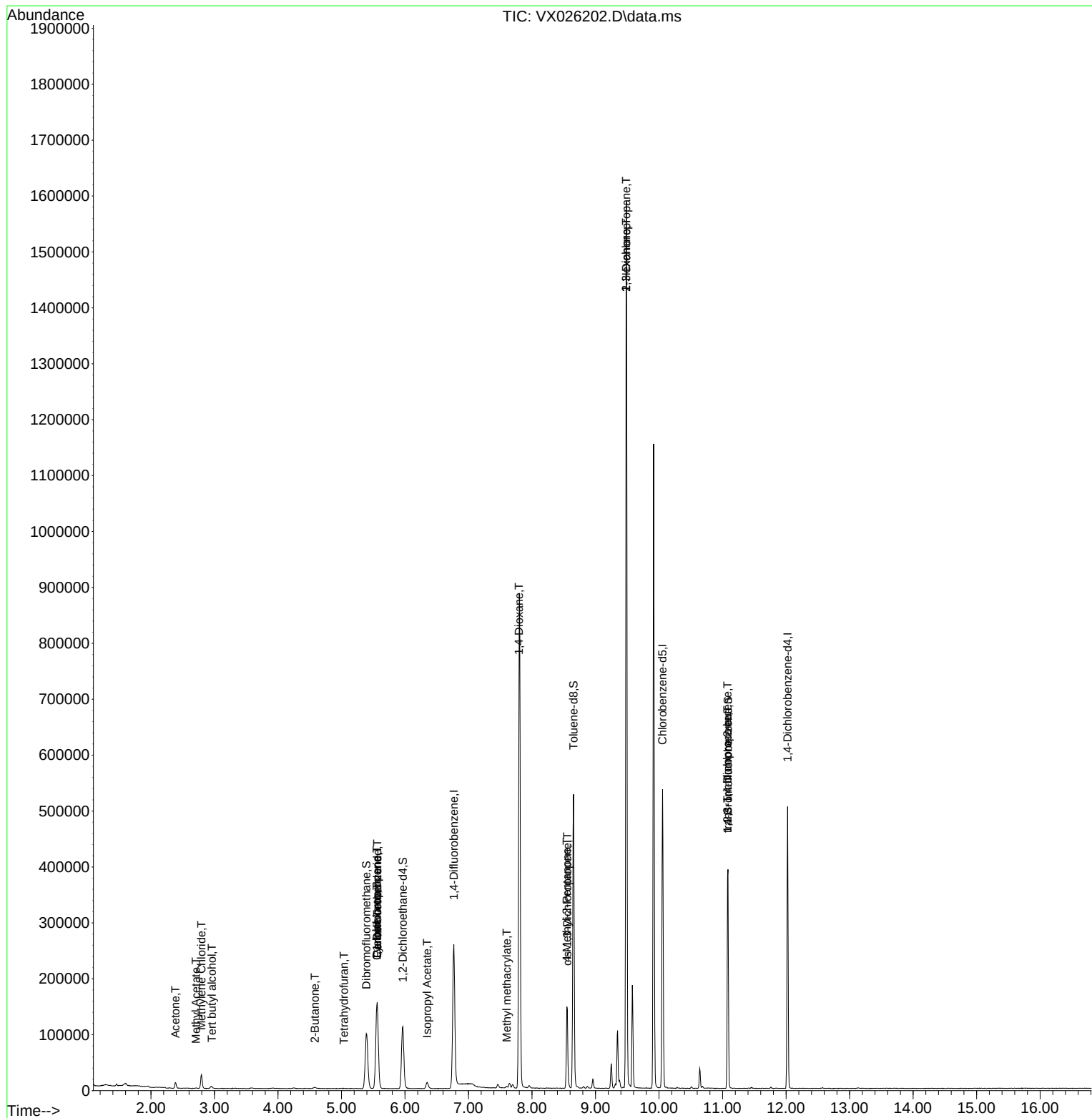
Internal Standards						
1) Pentafluorobenzene	5.562	168	137472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	237737	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105957	53.276	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.560%	
35) Dibromofluoromethane	5.391	113	83143	53.793	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.580%	
50) Toluene-d8	8.653	98	292831	50.935	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.880%	
62) 4-Bromofluorobenzene	11.085	95	100360	49.038	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	2676	6.737	ug/l #	73
16) Acetone	2.386	43	11524	10.694	ug/l	95
18) Methyl Acetate	2.709	43	1569	0.449	ug/l #	84
20) Methylene Chloride	2.794	84	9567	4.696	ug/l	88
25) 2-Butanone	4.580	43	3472	2.313	ug/l	97
29) Tetrahydrofuran	5.038	42	444	0.469	ug/l #	32
31) Cyclohexane	5.556	56	3803	1.343	ug/l #	40
36) 1,1-Dichloropropene	5.556	75	12237	4.909	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14861	5.359	ug/l #	15
43) Isopropyl Acetate	6.348	43	15163	3.219	ug/l	96
48) Methyl methacrylate	7.604	41	4566	2.021	ug/l #	12
49) 1,4-Dioxane	7.793	88	25	0.600	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	54557	18.610	ug/l #	49
54) cis-1,3-Dichloropropene	8.555	75	21931	7.556	ug/l #	67
57) 1,3-Dichloropropane	9.482	76	13154	4.266	ug/l #	42
59) 2-Hexanone	9.482	43	205222	92.415	ug/l #	49
76) 1,2,3-Trichloropropane	11.079	75	55241	25.042	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	55241	72.446	ug/l #	10

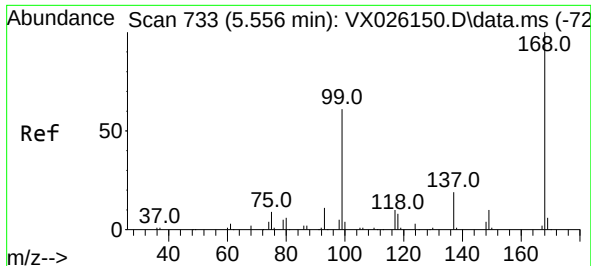
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration

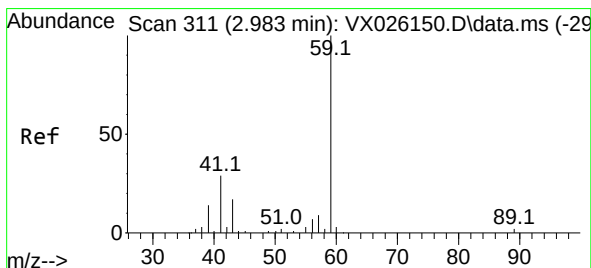
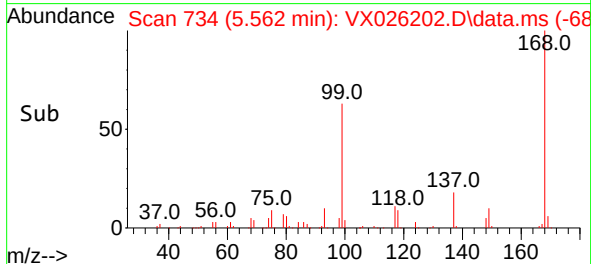
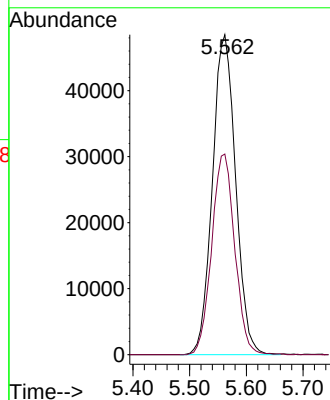
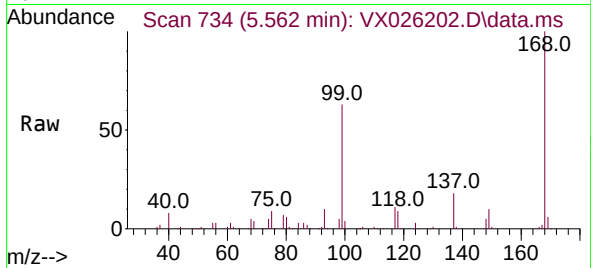




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026202.D
Acq: 31 Dec 2021 05:11

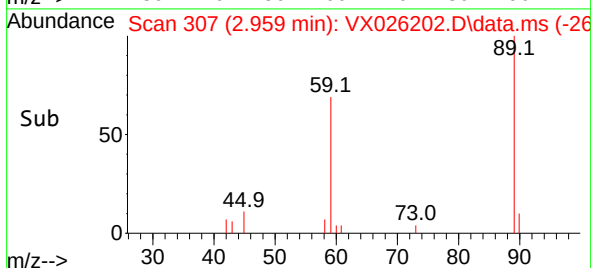
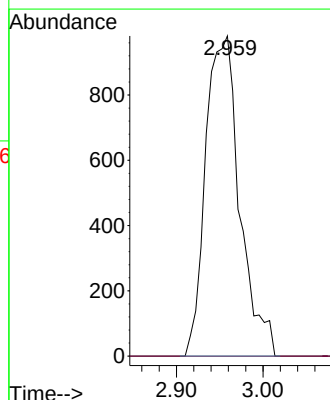
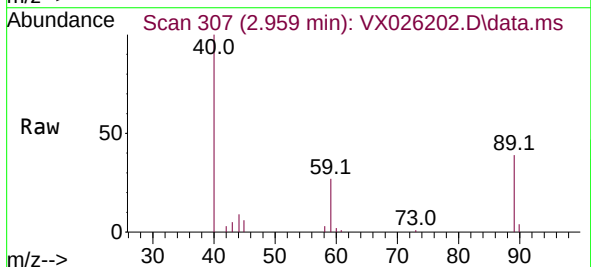
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#03

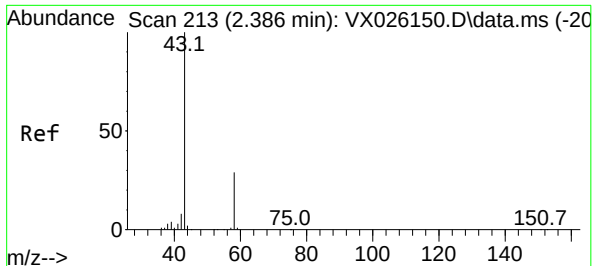
Tgt Ion:168 Resp: 137472
Ion Ratio Lower Upper
168 100
99 62.7 45.8 68.8



#11
Tert butyl alcohol
Concen: 6.737 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX026202.D
Acq: 31 Dec 2021 05:11

Tgt Ion: 59 Resp: 2676
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

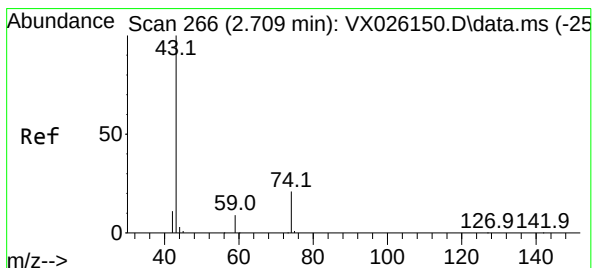
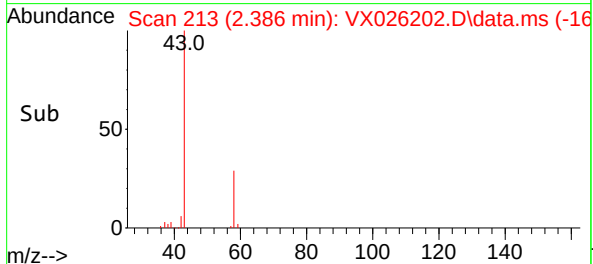
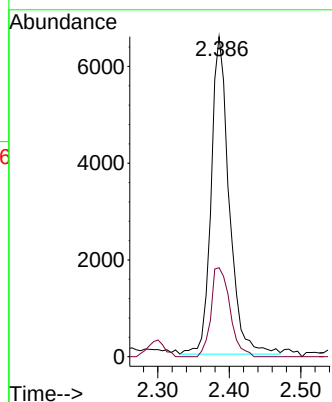
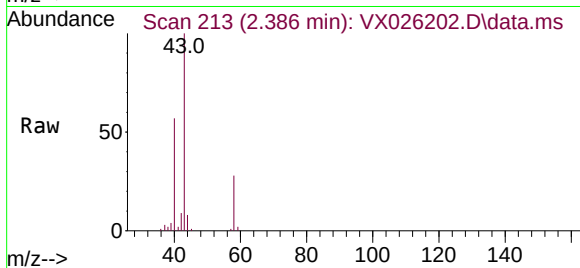




#16
Acetone
Concen: 10.694 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026202.D
Acq: 31 Dec 2021 05:11

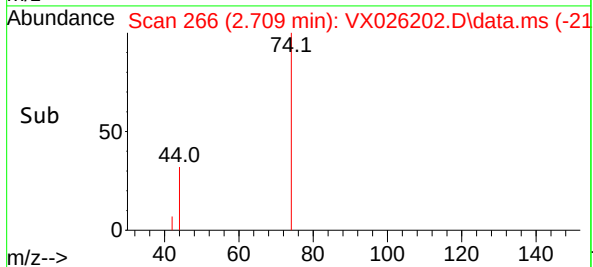
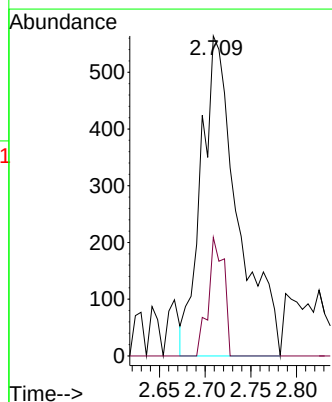
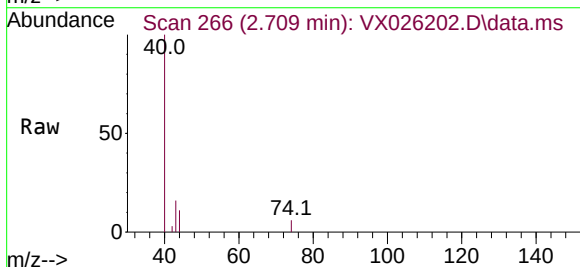
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#03

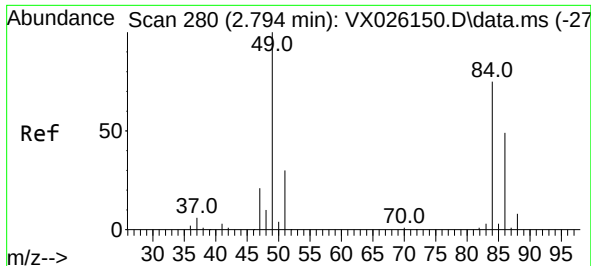
Tgt Ion: 43 Resp: 11524
Ion Ratio Lower Upper
43 100
58 28.0 24.8 37.2



#18
Methyl Acetate
Concen: 0.449 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026202.D
Acq: 31 Dec 2021 05:11

Tgt Ion: 43 Resp: 1569
Ion Ratio Lower Upper
43 100
74 15.8 19.1 28.7#





#20

Methylene Chloride

Concen: 4.696 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX026202.D

Acq: 31 Dec 2021 05:11

Instrument :

MSVOA_X

ClientSampleId :

PB141758ZHE#03

Tgt Ion: 84 Resp: 9567

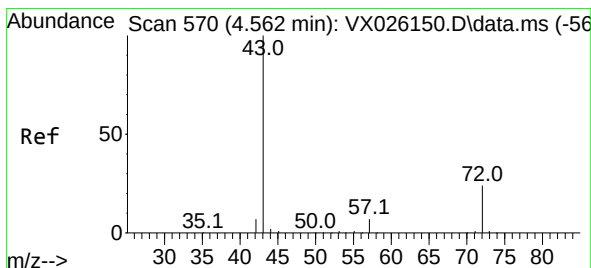
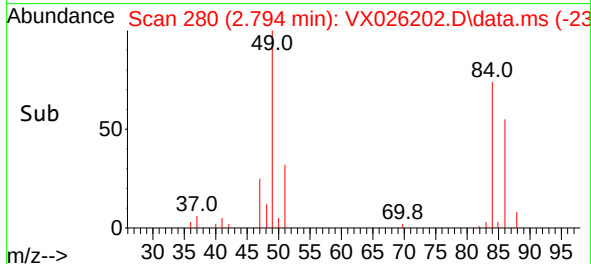
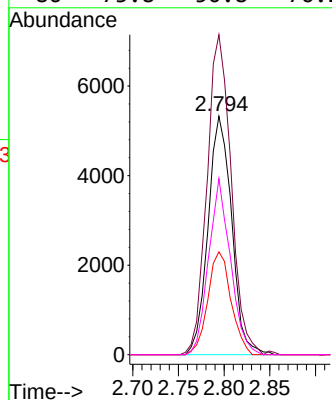
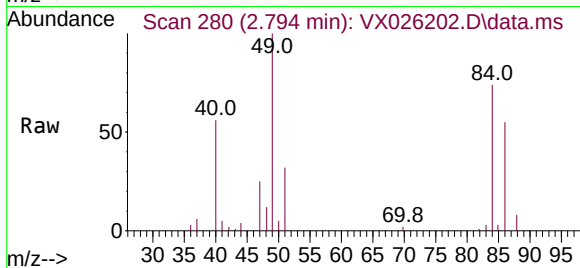
Ion Ratio Lower Upper

84 100

49 134.3 97.1 145.7

51 43.2 29.3 43.9

86 73.8 50.8 76.2



#25

2-Butanone

Concen: 2.313 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.018 min

Lab File: VX026202.D

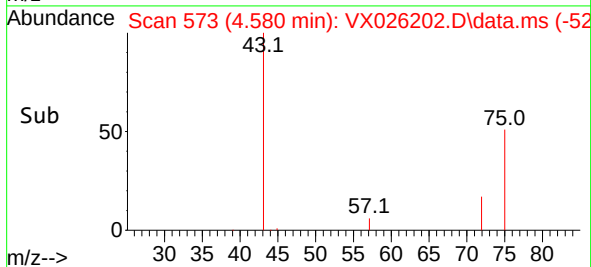
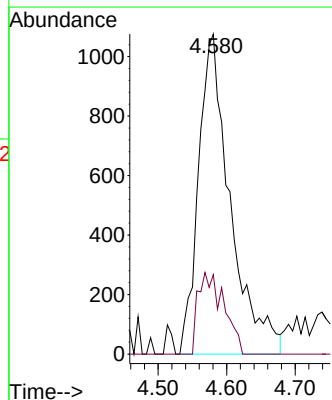
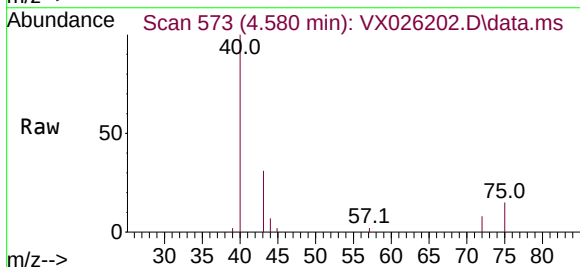
Acq: 31 Dec 2021 05:11

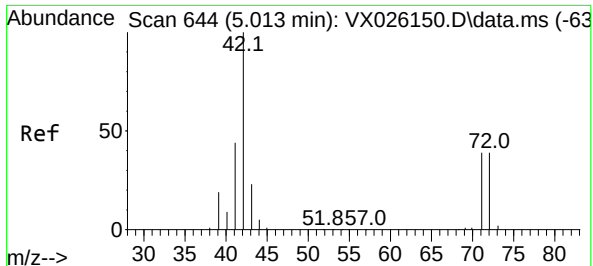
Tgt Ion: 43 Resp: 3472

Ion Ratio Lower Upper

43 100

72 24.8 21.0 31.4





#29

Tetrahydrofuran

Concen: 0.469 ug/l

RT: 5.038 min Scan# 644

Delta R.T. 0.025 min

Lab File: VX026202.D

Acq: 31 Dec 2021 05:11

Instrument :

MSVOA_X

ClientSampleId :

PB141758ZHE#03

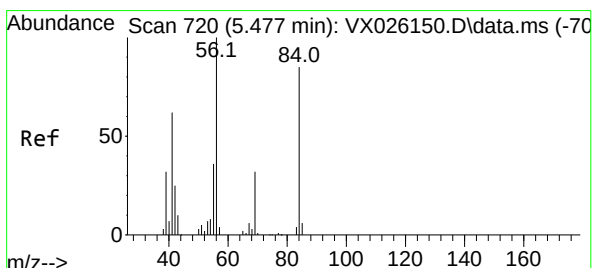
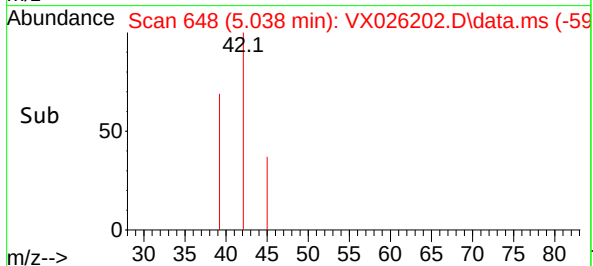
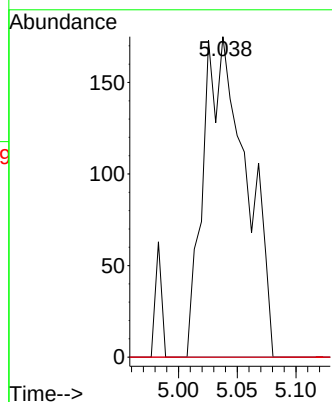
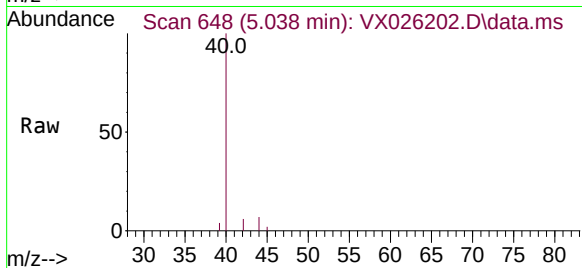
Tgt Ion: 42 Resp: 444

Ion Ratio Lower Upper

42 100

72 0.0 37.0 55.6#

71 0.0 34.1 51.1#



#31

Cyclohexane

Concen: 1.343 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026202.D

Acq: 31 Dec 2021 05:11

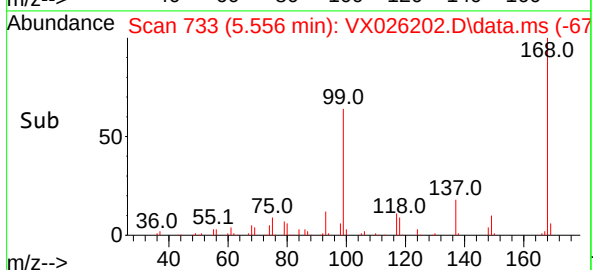
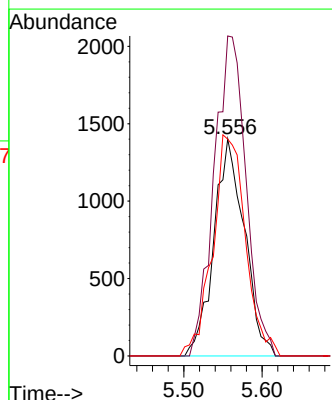
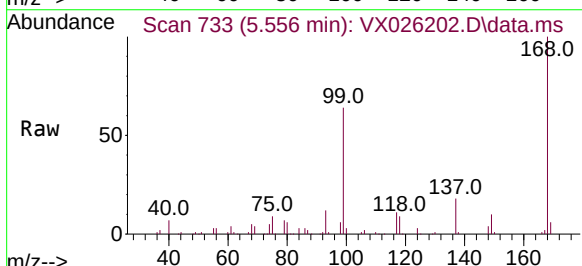
Tgt Ion: 56 Resp: 3803

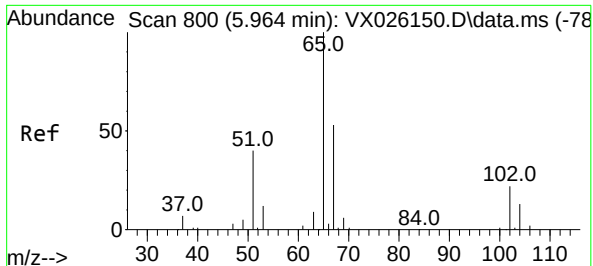
Ion Ratio Lower Upper

56 100

69 147.4 23.9 35.9#

84 99.9 73.2 109.8





#33

1,2-Dichloroethane-d4

Concen: 53.276 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX026202.D

Acq: 31 Dec 2021 05:11

Instrument :

MSVOA_X

ClientSampleId :

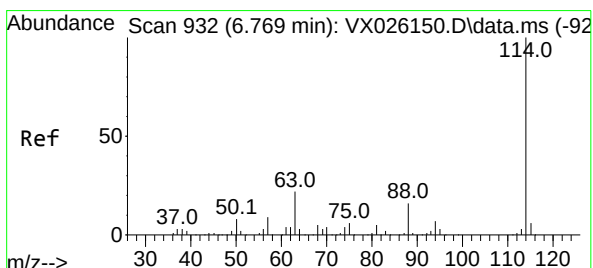
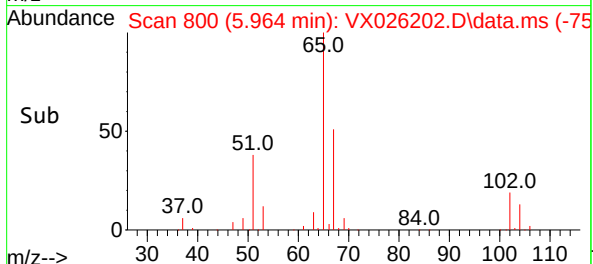
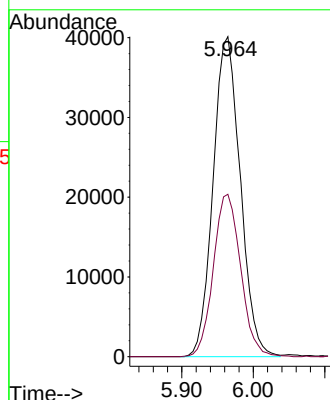
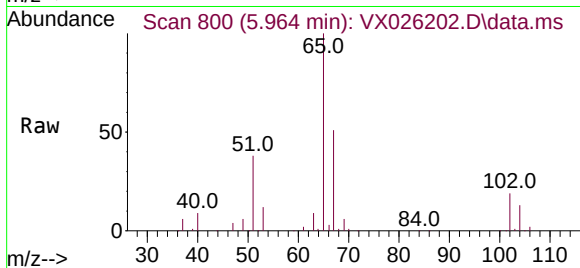
PB141758ZHE#03

Tgt Ion: 65 Resp: 105957

Ion Ratio Lower Upper

65 100

67 51.0 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: VX026202.D

Acq: 31 Dec 2021 05:11

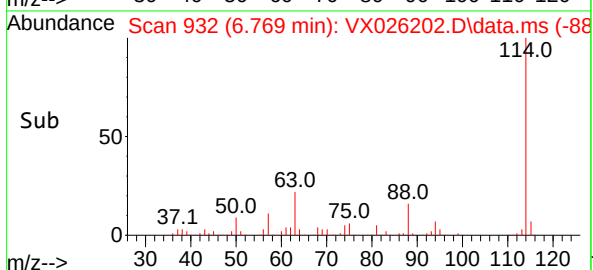
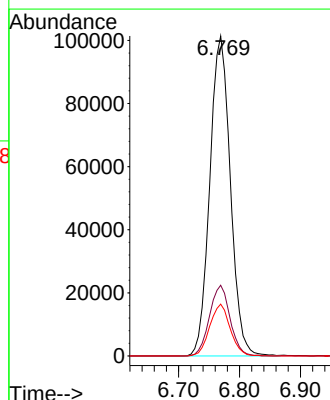
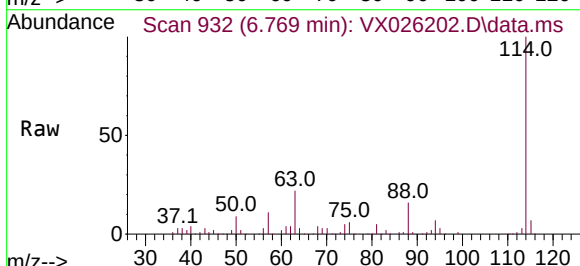
Tgt Ion: 114 Resp: 237737

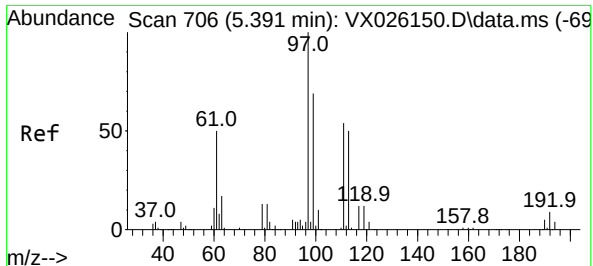
Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.0

88 16.2 0.0 30.6

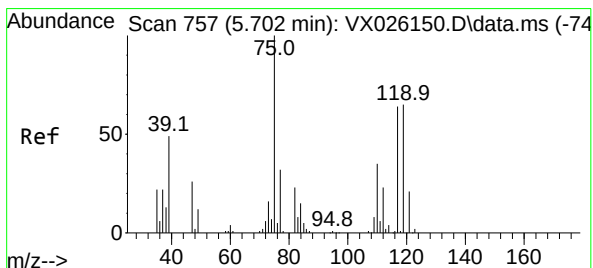
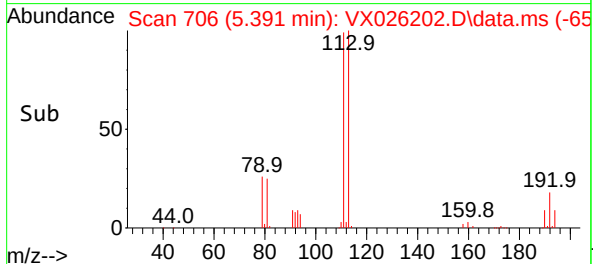
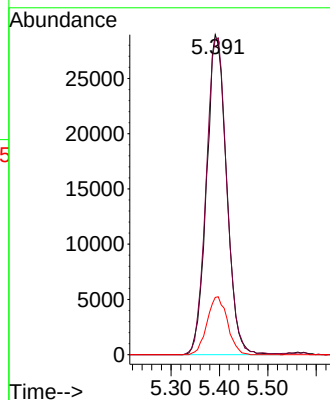
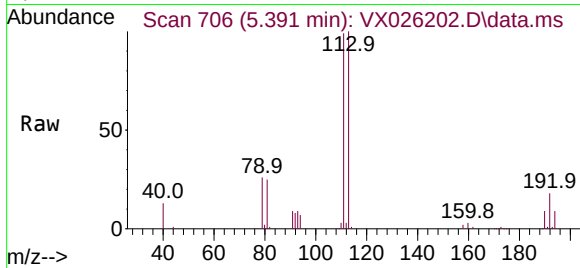




#35
Dibromofluoromethane
Concen: 53.793 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026202.D
Acq: 31 Dec 2021 05:11

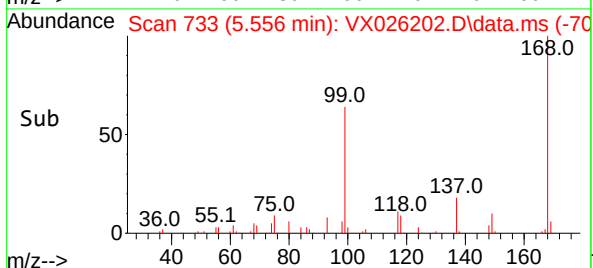
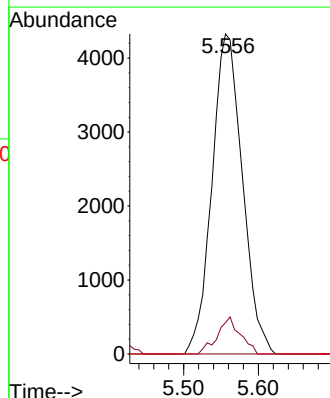
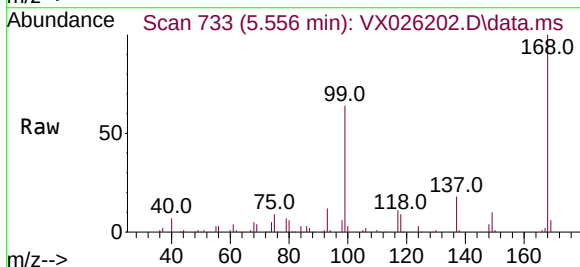
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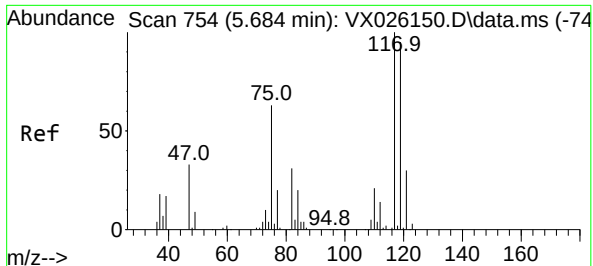
Tgt Ion:113 Resp: 83143
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.8
192 18.5 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.909 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX026202.D
Acq: 31 Dec 2021 05:11

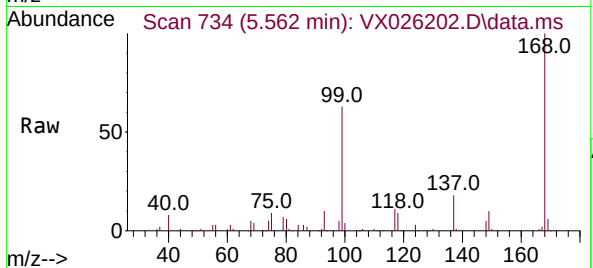
Tgt Ion: 75 Resp: 12237
Ion Ratio Lower Upper
75 100
110 8.7 18.2 54.6#
77 0.0 24.7 37.1#



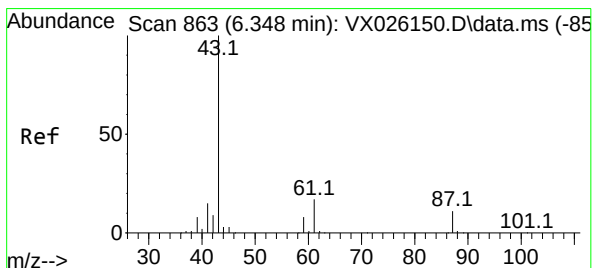
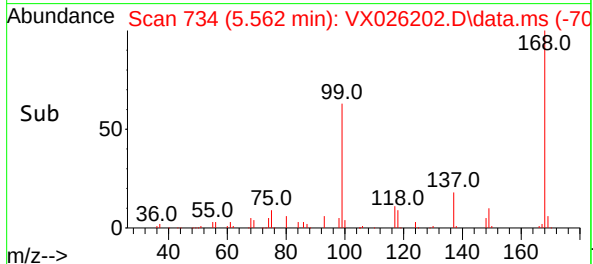
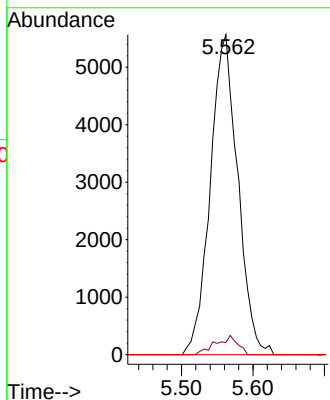


#38
Carbon Tetrachloride
Concen: 5.359 ug/l
RT: 5.562 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX026202.D
Acq: 31 Dec 2021 05:11

Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#03

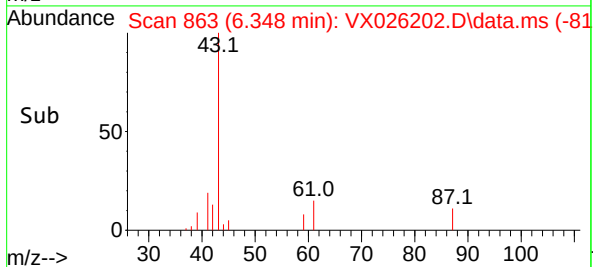
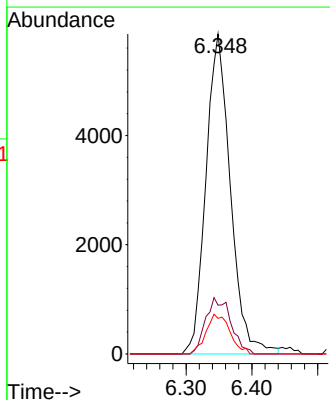
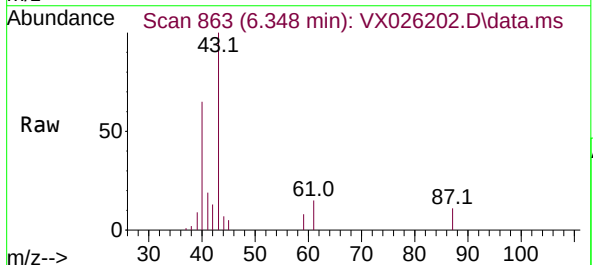


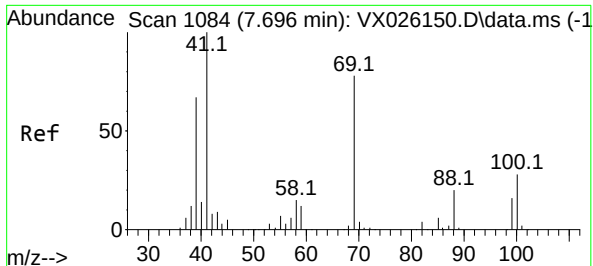
Tgt Ion:117 Resp: 14861
Ion Ratio Lower Upper
117 100
119 3.8 77.2 115.8#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 3.219 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX026202.D
Acq: 31 Dec 2021 05:11

Tgt Ion: 43 Resp: 15163
Ion Ratio Lower Upper
43 100
61 18.0 15.7 23.5
87 12.1 11.2 16.8

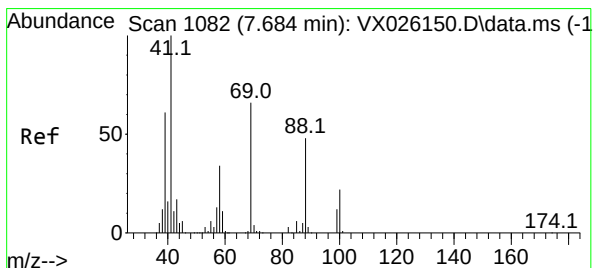
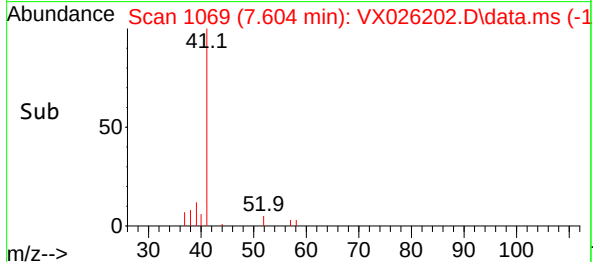
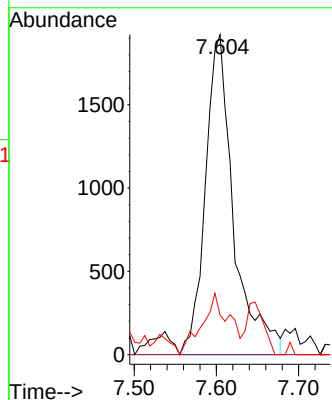
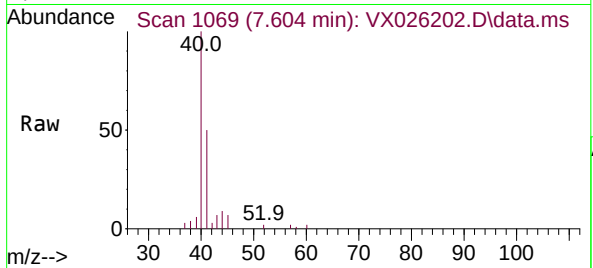




#48
Methyl methacrylate
Concen: 2.021 ug/l
RT: 7.604 min Scan# 1100
Delta R.T. -0.092 min
Lab File: VX026202.D
Acq: 31 Dec 2021 05:11

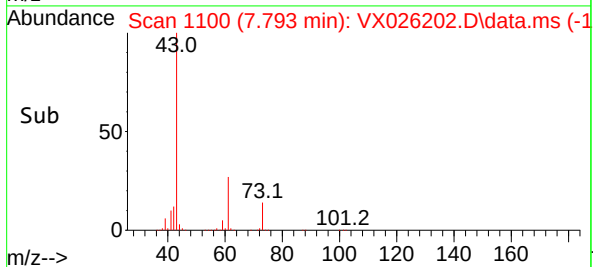
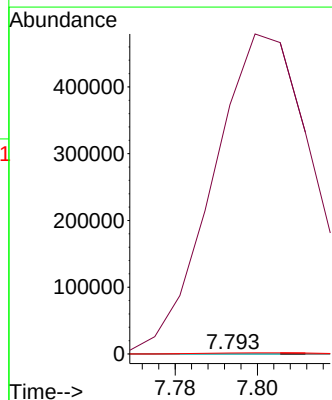
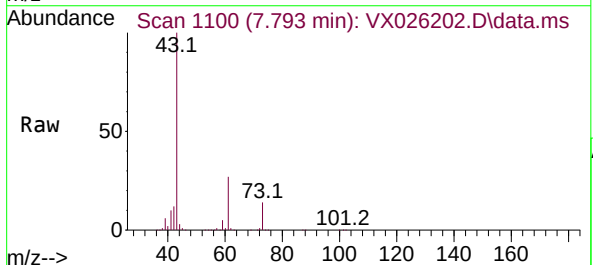
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#03

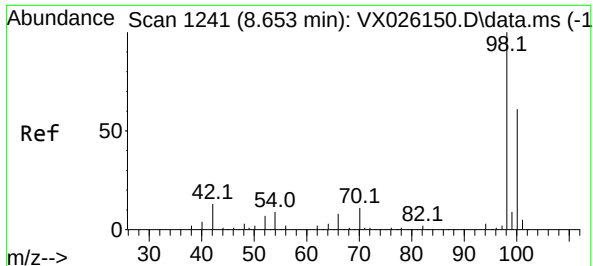
Tgt Ion: 41 Resp: 4566
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 0.0 50.2 75.2#



#49
1,4-Dioxane
Concen: 0.600 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.109 min
Lab File: VX026202.D
Acq: 31 Dec 2021 05:11

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 3353380.0 25.3 37.9#
58 13956.0 51.8 77.6#

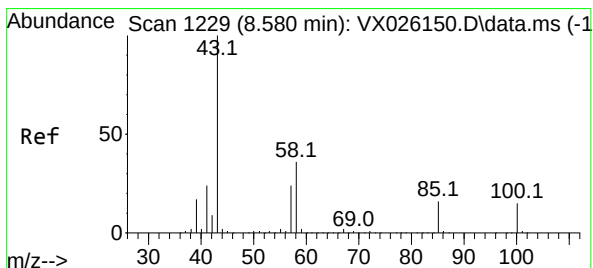
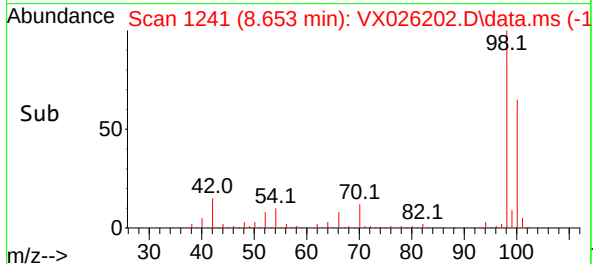
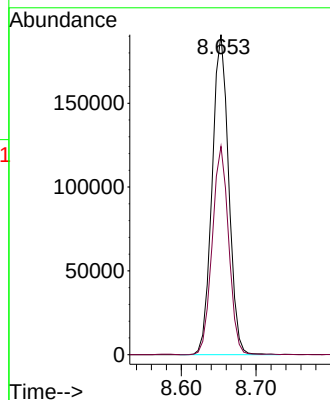
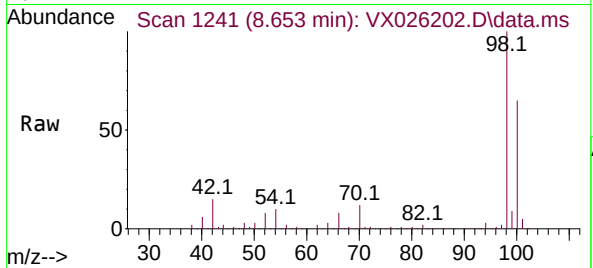




#50
Toluene-d8
Concen: 50.935 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026202.D
Acq: 31 Dec 2021 05:11

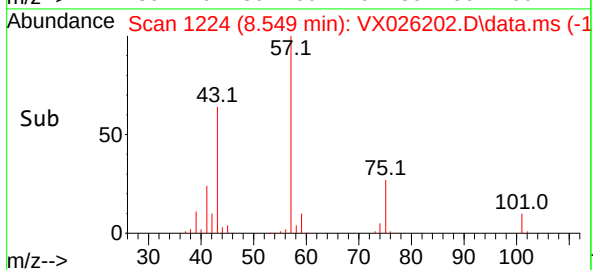
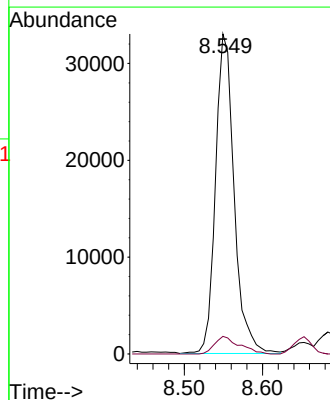
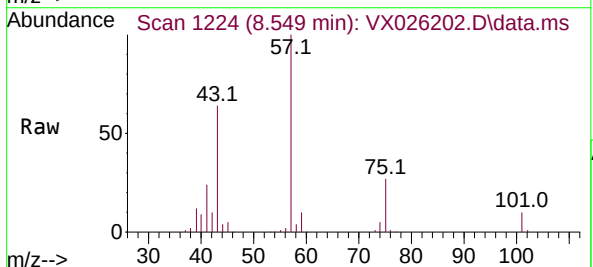
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#03

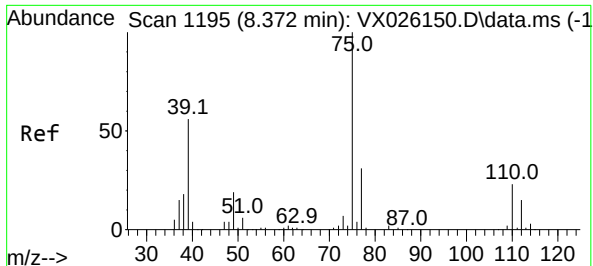
Tgt Ion: 98 Resp: 292831
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 18.610 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX026202.D
Acq: 31 Dec 2021 05:11

Tgt Ion: 43 Resp: 54557
Ion Ratio Lower Upper
43 100
58 7.3 30.8 46.2#

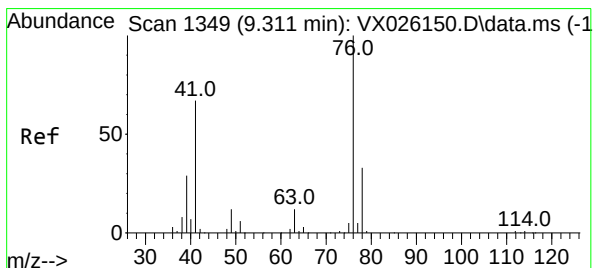
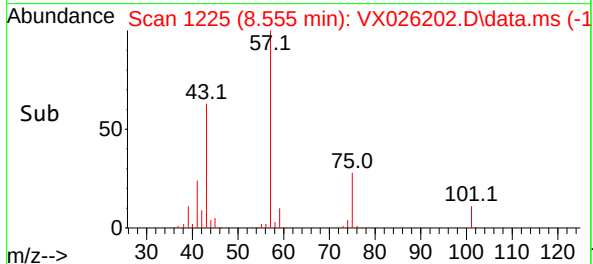
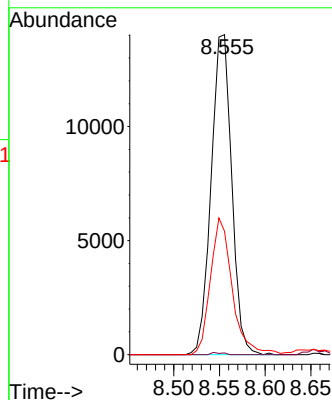
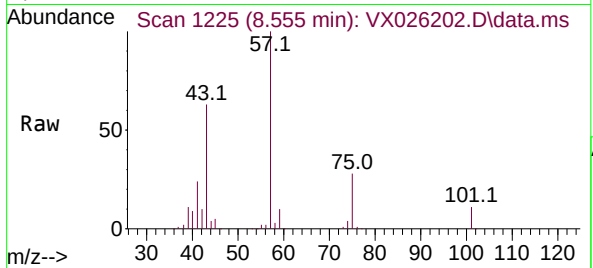




#54
 cis-1,3-Dichloropropene
 Concen: 7.556 ug/l
 RT: 8.555 min Scan# 1195
 Delta R.T. 0.183 min
 Lab File: VX026202.D
 Acq: 31 Dec 2021 05:11

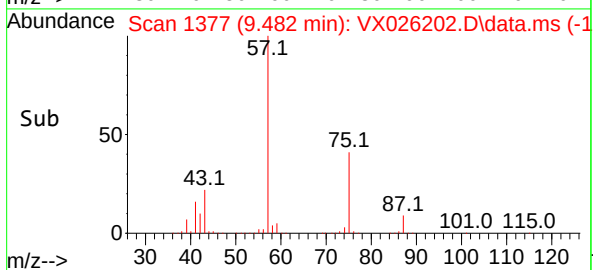
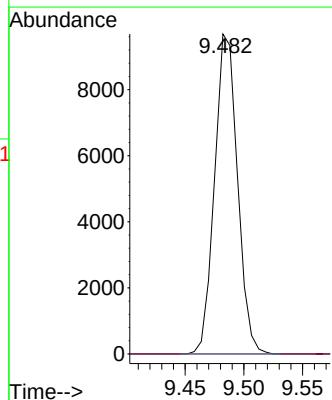
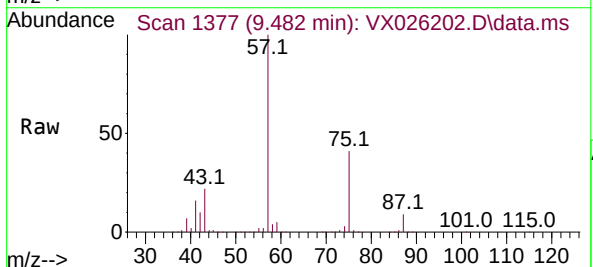
Instrument :
 MSVOA_X
 ClientSampleId :
 PB141758ZHE#03

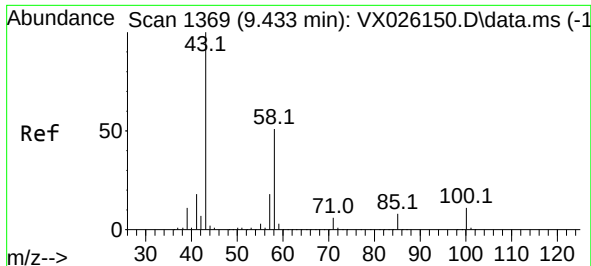
Tgt Ion: 75 Resp: 21931
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.3 37.9#
 39 38.6 41.4 62.0#



#57
 1,3-Dichloropropane
 Concen: 4.266 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026202.D
 Acq: 31 Dec 2021 05:11

Tgt Ion: 76 Resp: 13154
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#

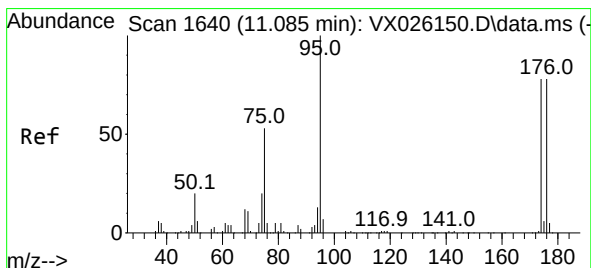
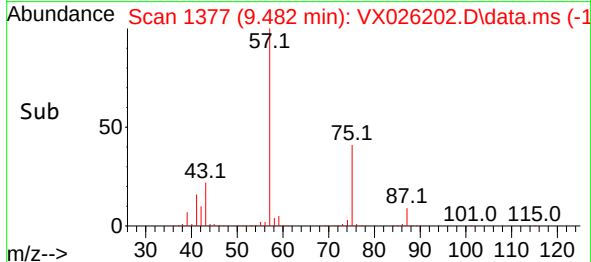
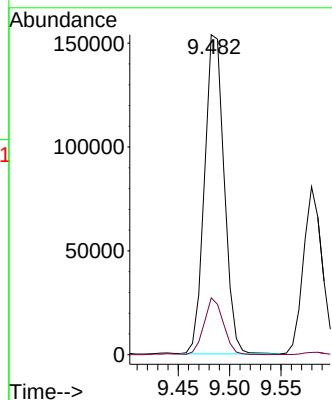
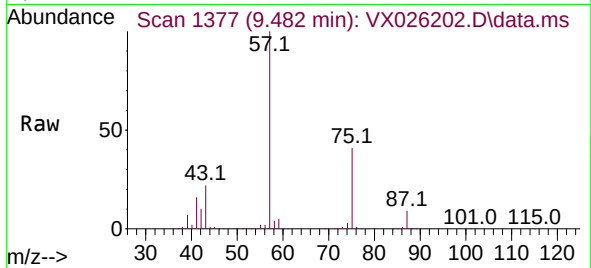




#59
2-Hexanone
Concen: 92.415 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX026202.D
Acq: 31 Dec 2021 05:11

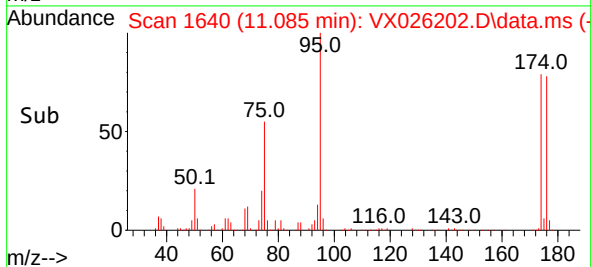
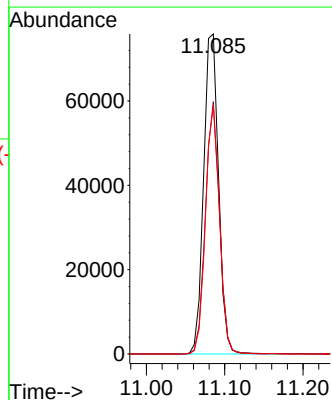
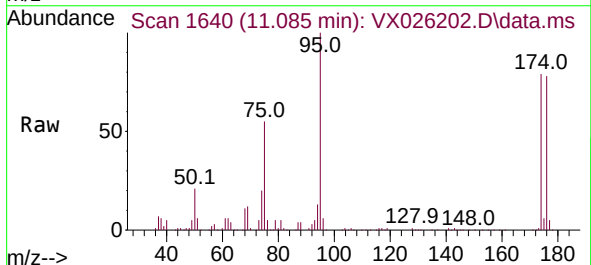
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#03

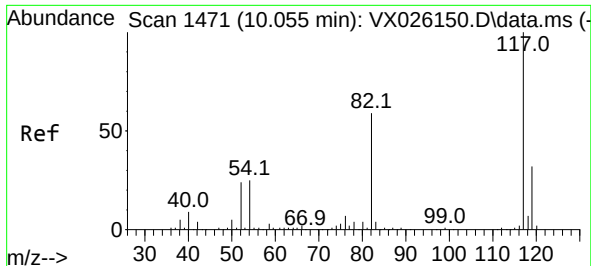
Tgt Ion: 43 Resp: 205222
Ion Ratio Lower Upper
43 100
58 17.5 26.9 80.6#



#62
4-Bromofluorobenzene
Concen: 49.038 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX026202.D
Acq: 31 Dec 2021 05:11

Tgt Ion: 95 Resp: 100360
Ion Ratio Lower Upper
95 100
174 74.3 0.0 157.4
176 72.9 0.0 154.6

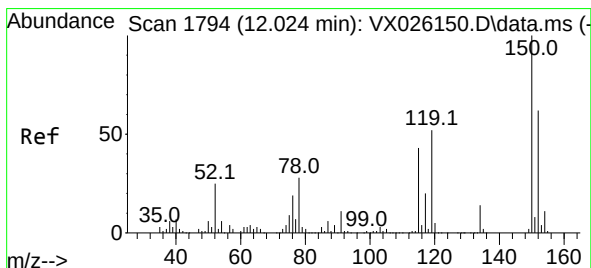
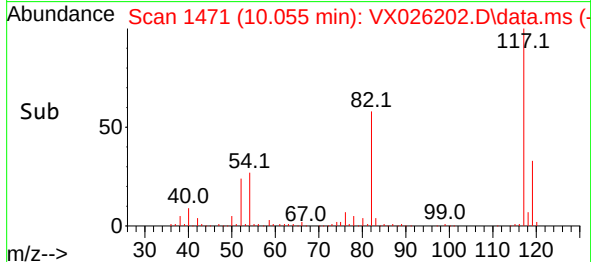
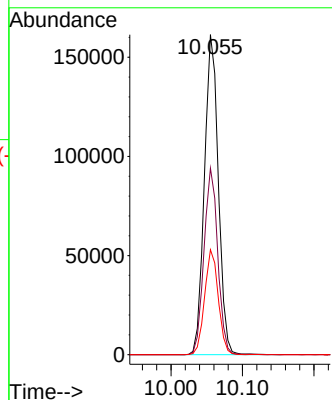
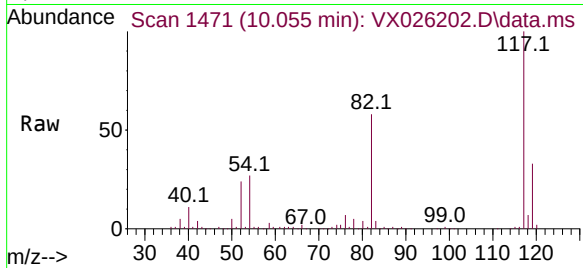




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026202.D
Acq: 31 Dec 2021 05:11

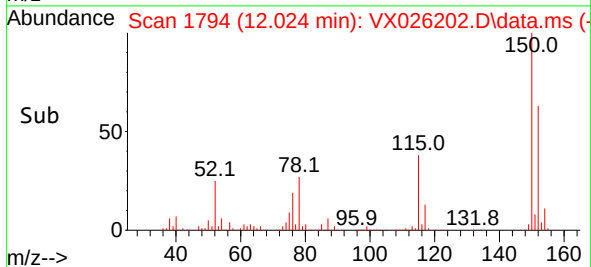
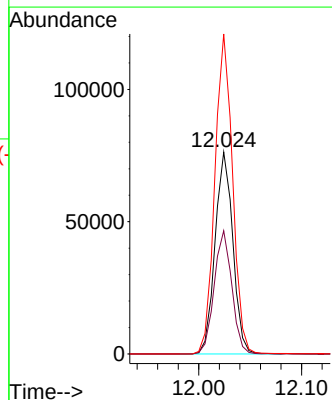
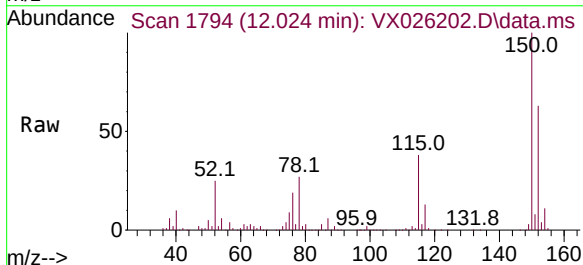
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#03

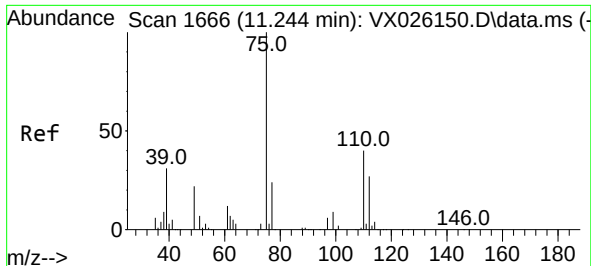
Tgt Ion:117 Resp: 218550
Ion Ratio Lower Upper
117 100
82 58.3 43.8 65.6
119 32.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026202.D
Acq: 31 Dec 2021 05:11

Tgt Ion:152 Resp: 91391
Ion Ratio Lower Upper
152 100
115 60.5 41.3 123.9
150 157.9 0.0 351.8

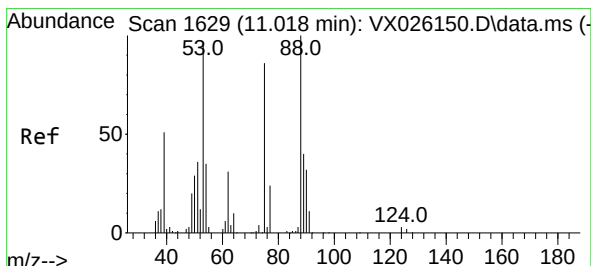
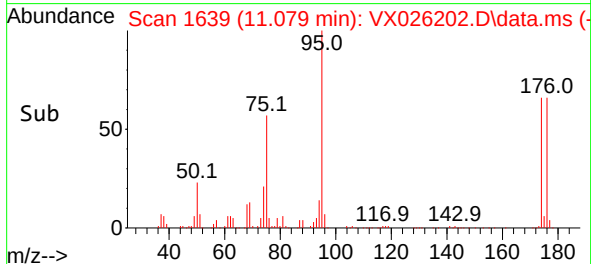
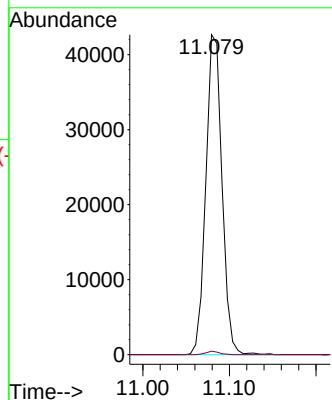
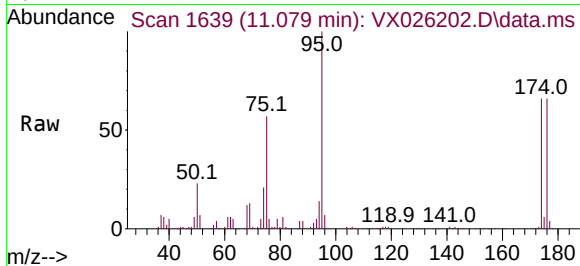




#76
1,2,3-Trichloropropane
Concen: 25.042 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026202.D
Acq: 31 Dec 2021 05:11

Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#03

Tgt Ion: 75 Resp: 55241
Ion Ratio Lower Upper
75 100
77 0.9 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.446 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026202.D
Acq: 31 Dec 2021 05:11

Tgt Ion: 75 Resp: 55241
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

