

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026192.D
 Acq On : 31 Dec 2021 01:18
 Operator : JC/MD
 Sample : PB141694TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB141694TB

Quant Time: Dec 31 21:33:25 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)

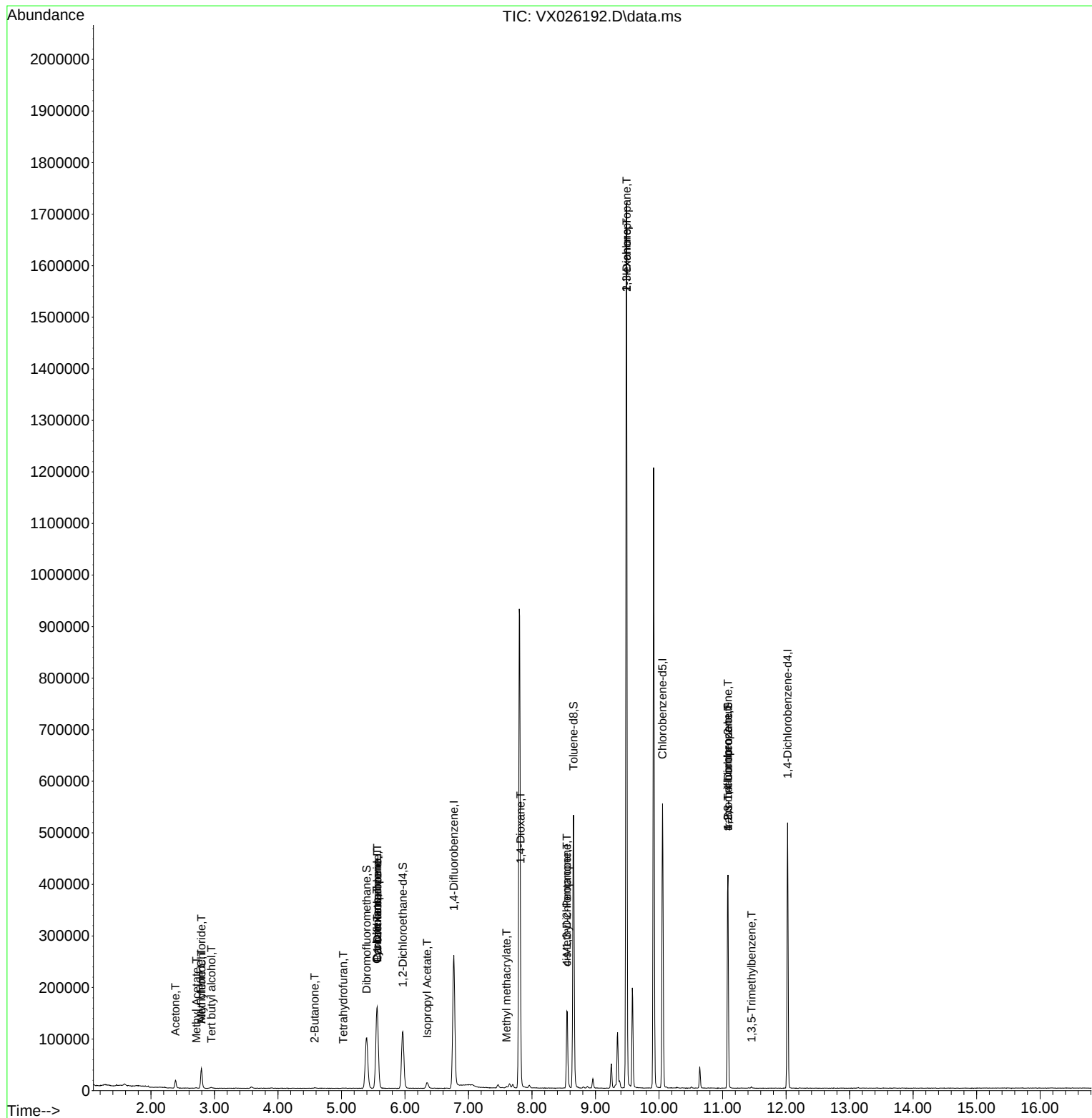
Internal Standards						
1) Pentafluorobenzene	5.562	168	139789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	240701	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	106889	52.854	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.700%
35) Dibromofluoromethane	5.397	113	82466	52.698	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.400%
50) Toluene-d8	8.653	98	293904	50.493	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.980%
62) 4-Bromofluorobenzene	11.085	95	101379	48.925	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.860%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	1001	2.478	ug/l #	73
14) Allyl chloride	2.794	41	770	0.252	ug/l #	26
16) Acetone	2.386	43	16652	15.197	ug/l	97
18) Methyl Acetate	2.715	43	1306	0.367	ug/l #	77
20) Methylene Chloride	2.794	84	15591	8.107	ug/l	92
25) 2-Butanone	4.574	43	1668	1.093	ug/l #	78
29) Tetrahydrofuran	5.025	42	309	0.321	ug/l #	32
31) Cyclohexane	5.556	56	3821	1.327	ug/l #	47
36) 1,1-Dichloropropene	5.562	75	12723	5.041	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15318	5.456	ug/l #	15
43) Isopropyl Acetate	6.348	43	15755	3.303	ug/l	95
48) Methyl methacrylate	7.598	41	4006	1.751	ug/l #	12
49) 1,4-Dioxane	7.818	88	44	1.044	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	55623	18.740	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	22573	7.681	ug/l #	70
57) 1,3-Dichloropropane	9.488	76	13824	4.428	ug/l #	42
59) 2-Hexanone	9.488	43	216064	96.099	ug/l #	49
76) 1,2,3-Trichloropropane	11.085	75	57426	24.394	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	1323	0.210	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.085	75	57426	70.573	ug/l #	10

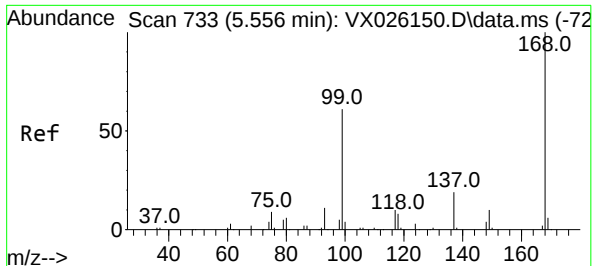
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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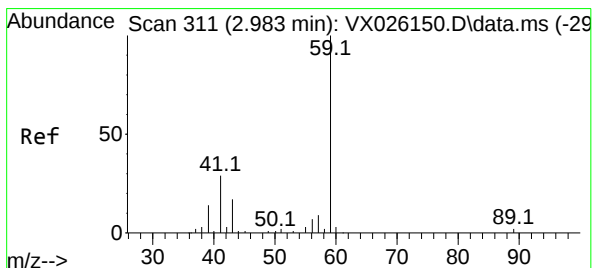
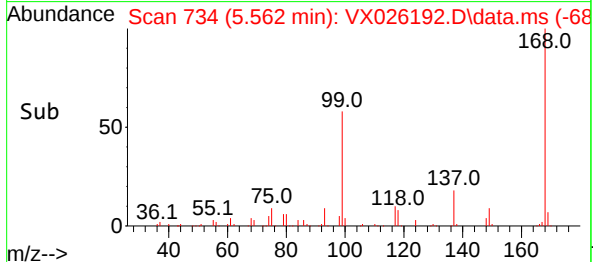
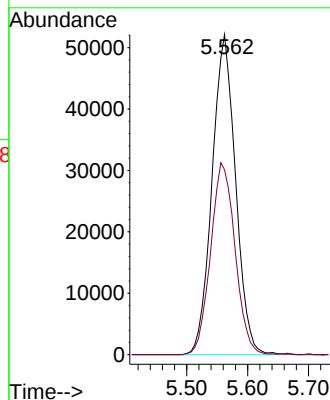
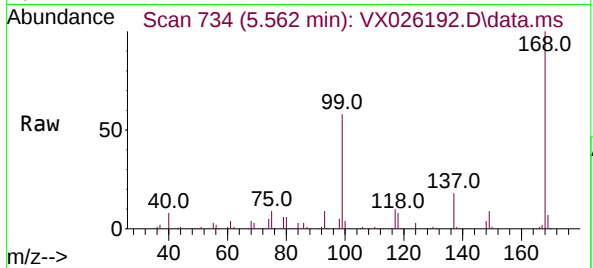




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026192.D
Acq: 31 Dec 2021 01:18

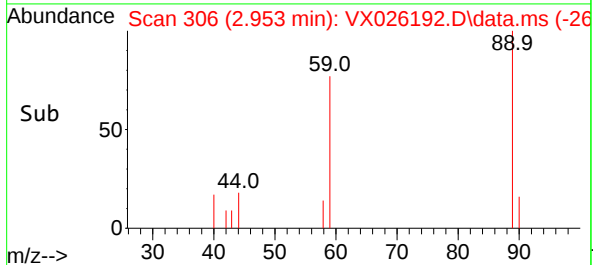
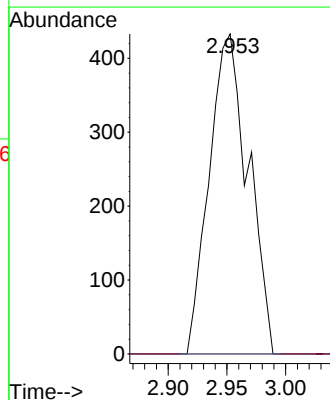
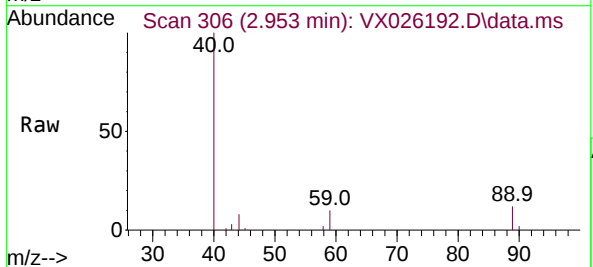
Instrument :
MSVOA_X
ClientSampleId :
PB141694TB

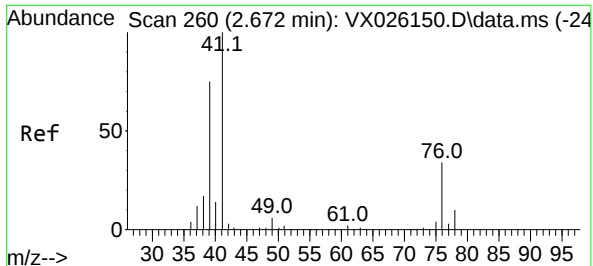
Tgt Ion:168 Resp: 139789
Ion Ratio Lower Upper
168 100
99 57.8 45.8 68.8



#11
Tert butyl alcohol
Concen: 2.478 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX026192.D
Acq: 31 Dec 2021 01:18

Tgt Ion: 59 Resp: 1001
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#14

Allyl chloride

Concen: 0.252 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.122 min

Lab File: VX026192.D

Acq: 31 Dec 2021 01:18

Instrument :

MSVOA_X

ClientSampleId :

PB141694TB

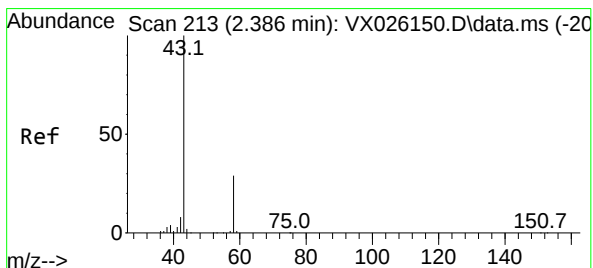
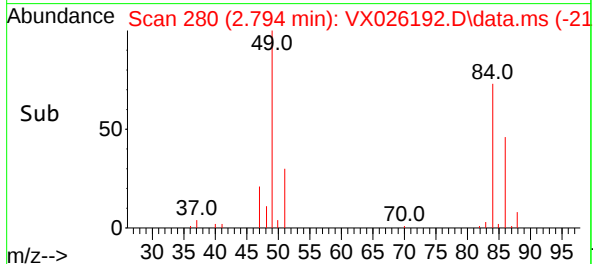
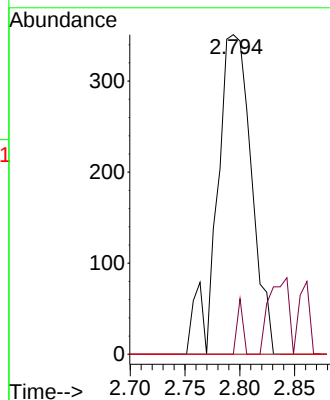
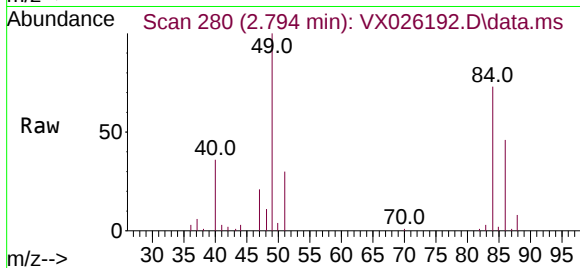
Tgt Ion: 41 Resp: 770

Ion Ratio Lower Upper

41 100

39 2.9 55.4 83.0#

76 0.0 27.6 41.4#



#16

Acetone

Concen: 15.197 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX026192.D

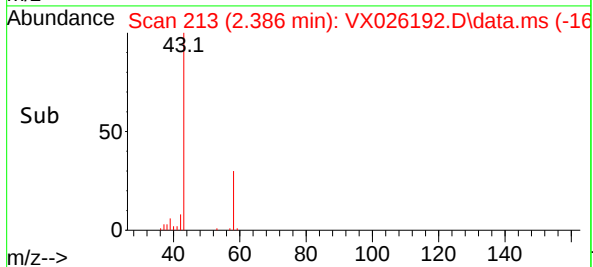
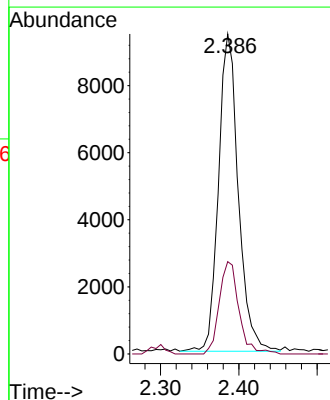
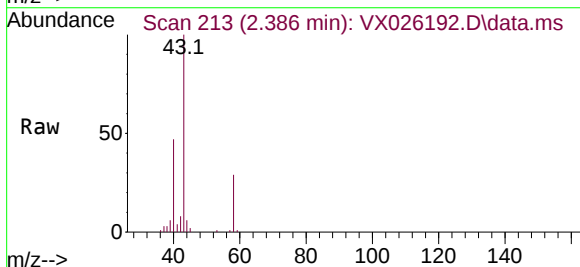
Acq: 31 Dec 2021 01:18

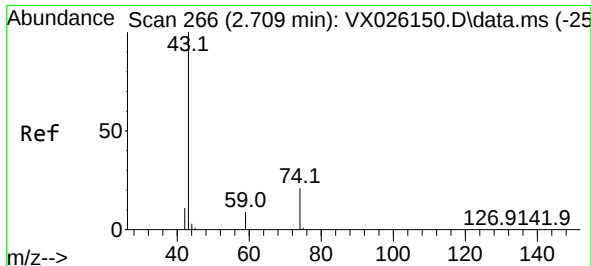
Tgt Ion: 43 Resp: 16652

Ion Ratio Lower Upper

43 100

58 29.1 24.8 37.2

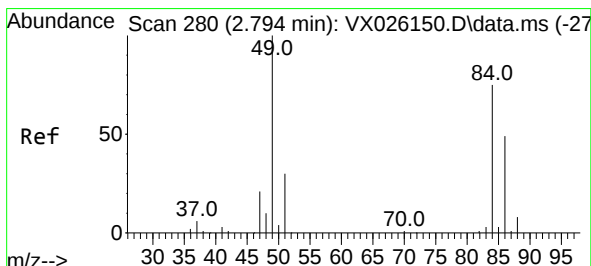
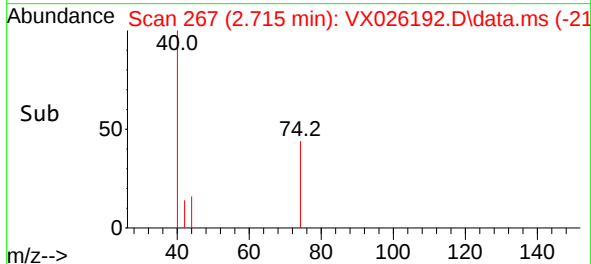
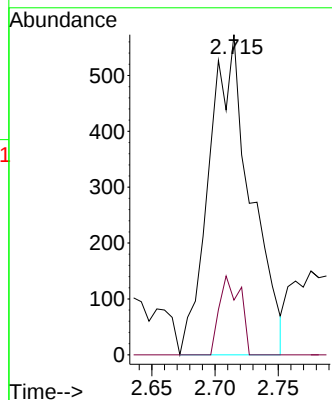
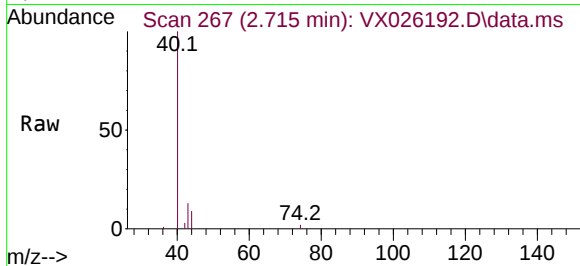




#18
Methyl Acetate
Concen: 0.367 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX026192.D
Acq: 31 Dec 2021 01:18

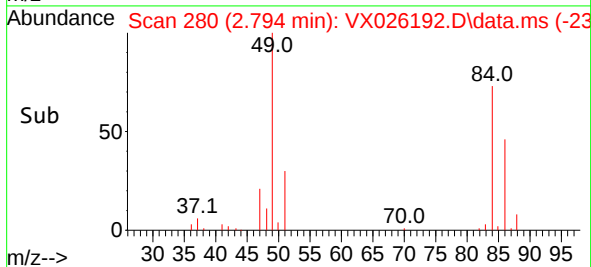
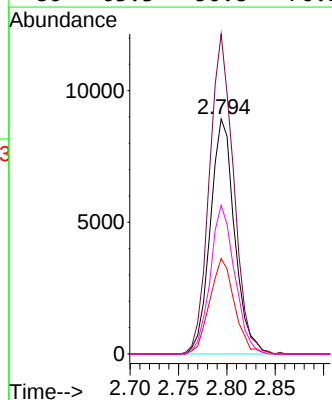
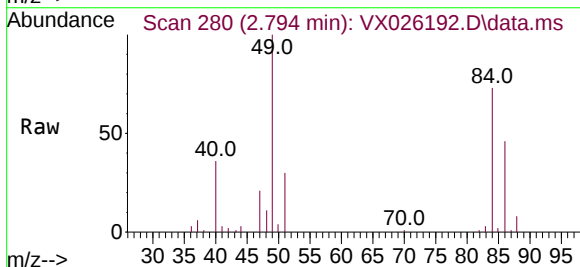
Instrument :
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ClientSampleId :
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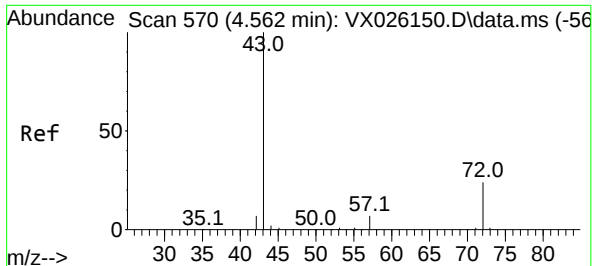
Tgt Ion: 43 Resp: 1306
Ion Ratio Lower Upper
43 100
74 12.3 19.1 28.7#



#20
Methylene Chloride
Concen: 8.107 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026192.D
Acq: 31 Dec 2021 01:18

Tgt Ion: 84 Resp: 15591
Ion Ratio Lower Upper
84 100
49 136.1 97.1 145.7
51 40.6 29.3 43.9
86 63.3 50.8 76.2

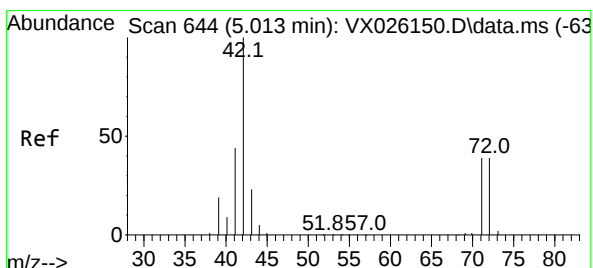
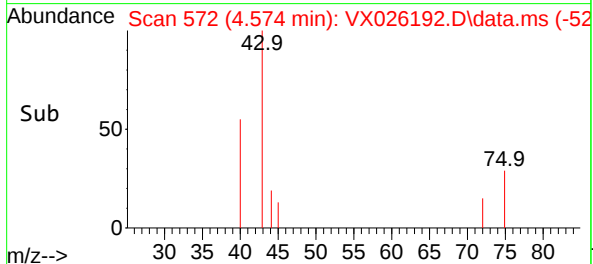
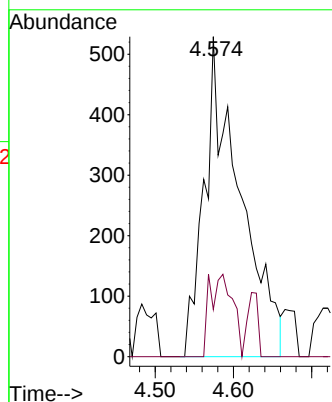
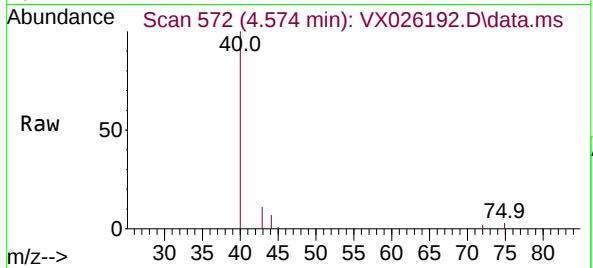




#25
2-Butanone
Concen: 1.093 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX026192.D
Acq: 31 Dec 2021 01:18

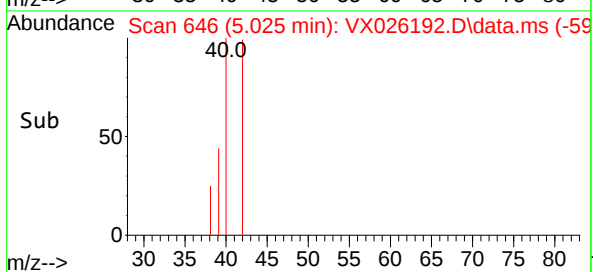
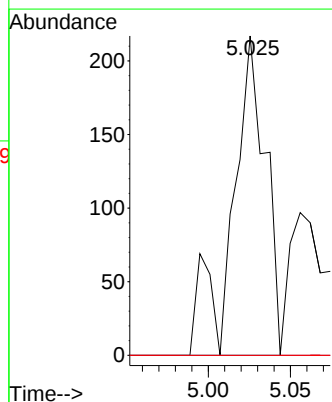
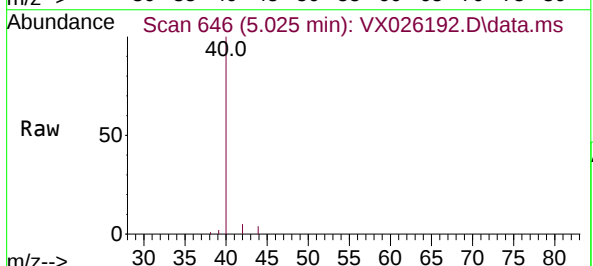
Instrument :
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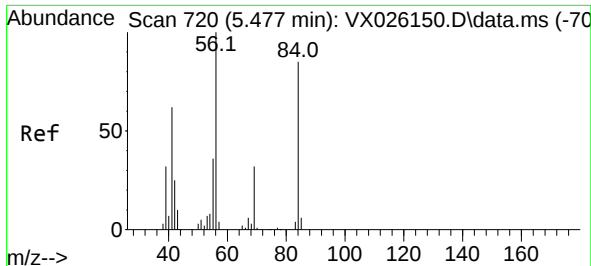
Tgt Ion: 43 Resp: 1668
Ion Ratio Lower Upper
43 100
72 14.7 21.0 31.4#



#29
Tetrahydrofuran
Concen: 0.321 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.012 min
Lab File: VX026192.D
Acq: 31 Dec 2021 01:18

Tgt Ion: 42 Resp: 309
Ion Ratio Lower Upper
42 100
72 0.0 37.0 55.6#
71 0.0 34.1 51.1#

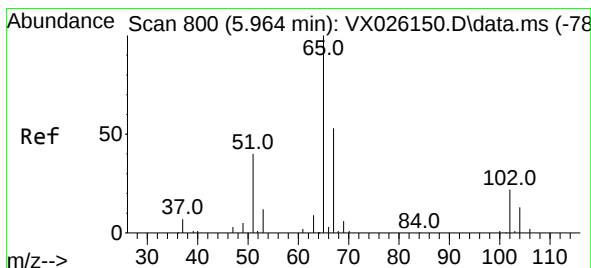
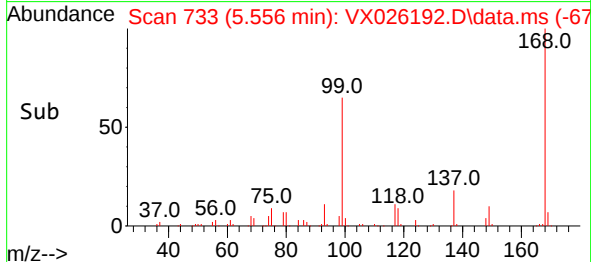
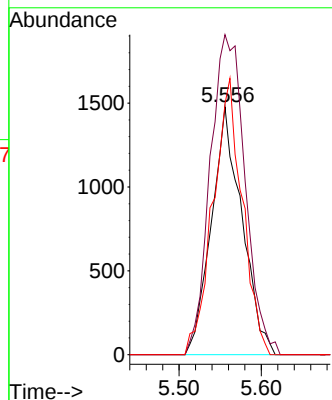
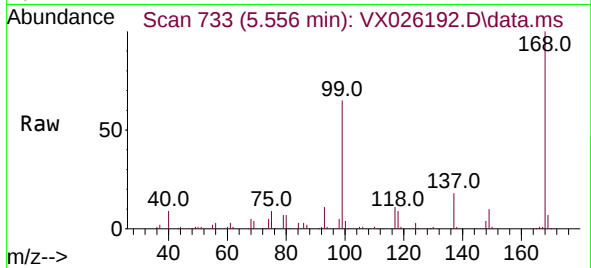




#31
Cyclohexane
Concen: 1.327 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX026192.D
Acq: 31 Dec 2021 01:18

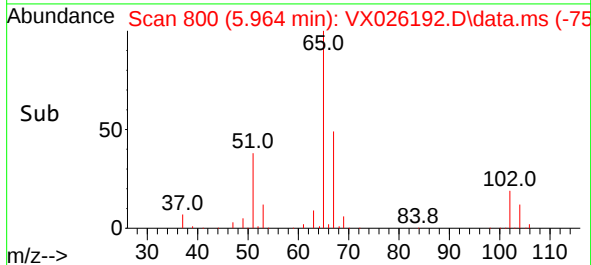
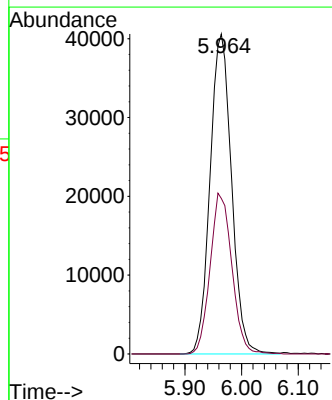
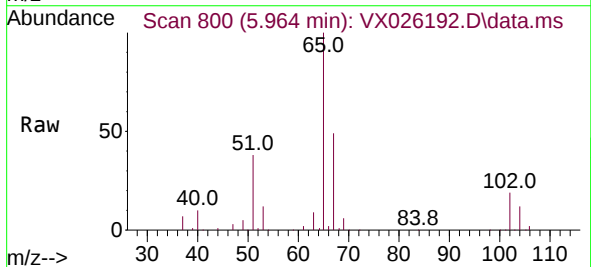
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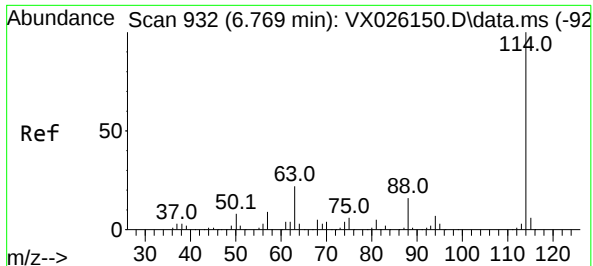
Tgt Ion: 56 Resp: 3821
Ion Ratio Lower Upper
56 100
69 129.1 23.9 35.9#
84 101.2 73.2 109.8



#33
1,2-Dichloroethane-d4
Concen: 52.854 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX026192.D
Acq: 31 Dec 2021 01:18

Tgt Ion: 65 Resp: 106889
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.4

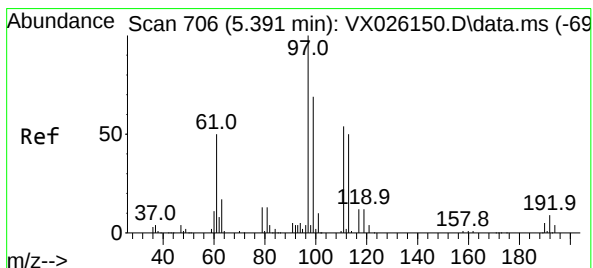
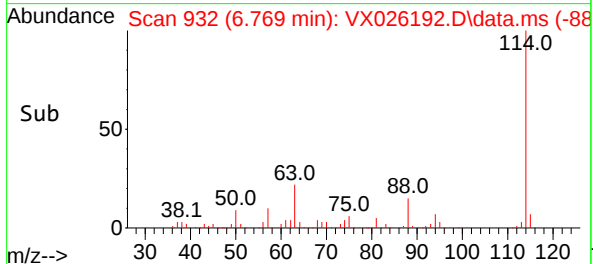
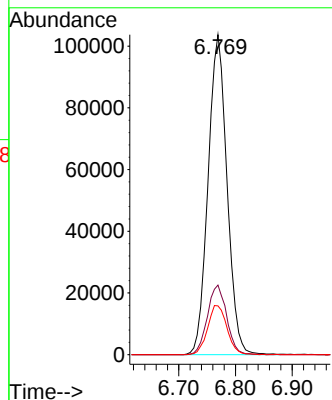
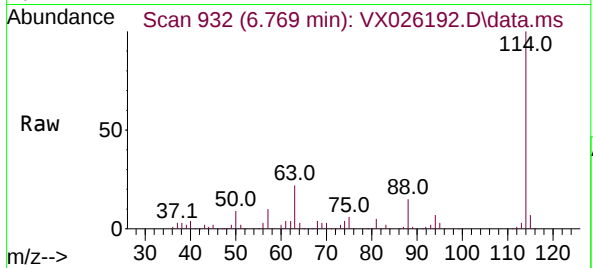




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX026192.D
Acq: 31 Dec 2021 01:18

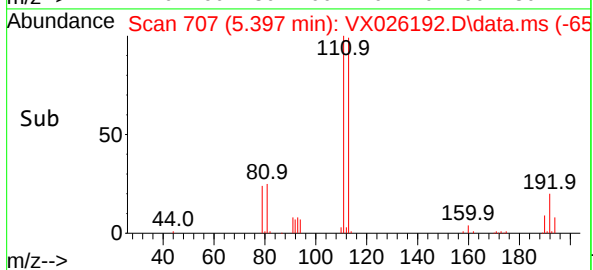
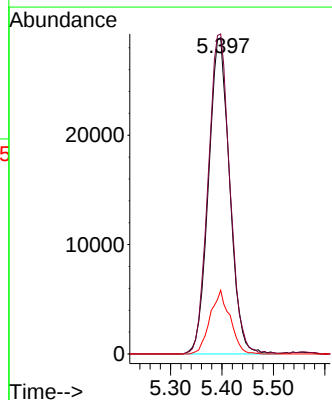
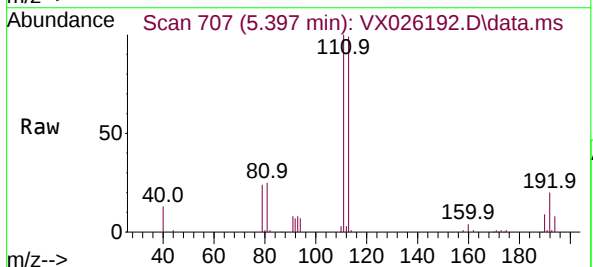
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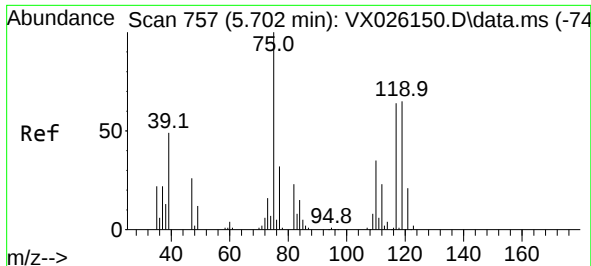
Tgt Ion:114 Resp: 240701
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.0
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.698 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX026192.D
Acq: 31 Dec 2021 01:18

Tgt Ion:113 Resp: 82466
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.8
192 19.1 15.0 22.4

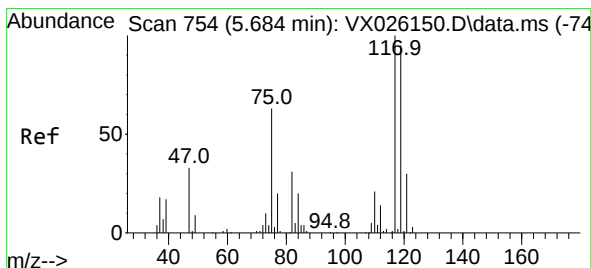
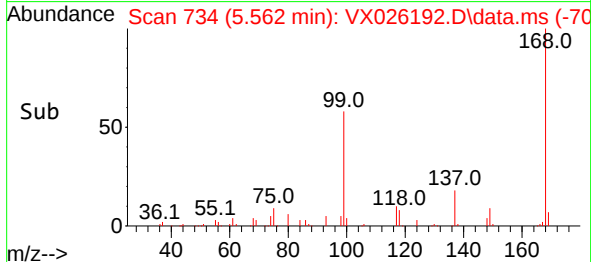
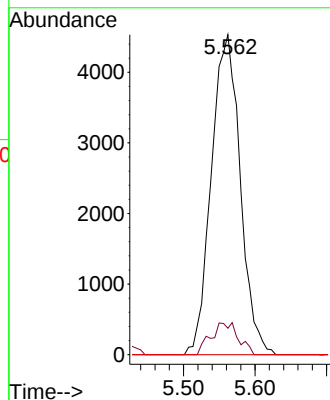
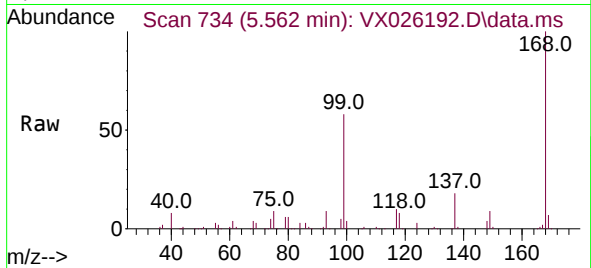




#36
1,1-Dichloropropene
Concen: 5.041 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX026192.D
Acq: 31 Dec 2021 01:18

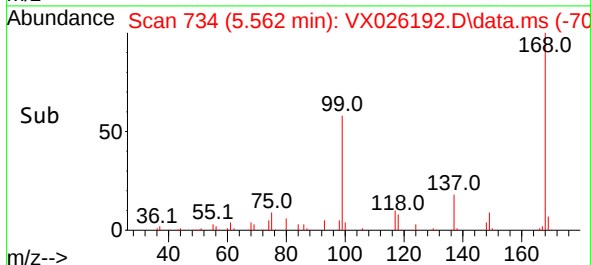
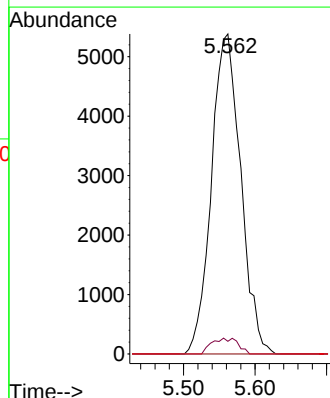
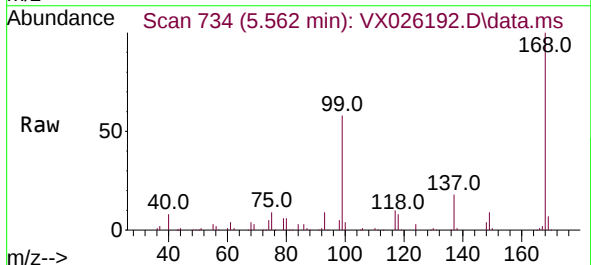
Instrument :
MSVOA_X
ClientSampleId :
PB141694TB

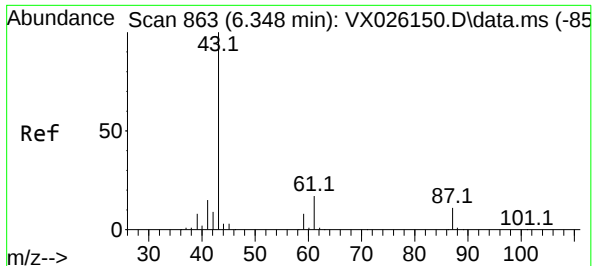
Tgt Ion: 75 Resp: 12723
Ion Ratio Lower Upper
75 100
110 9.5 18.2 54.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.456 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX026192.D
Acq: 31 Dec 2021 01:18

Tgt Ion: 117 Resp: 15318
Ion Ratio Lower Upper
117 100
119 4.0 77.2 115.8#
121 0.0 23.8 35.8#

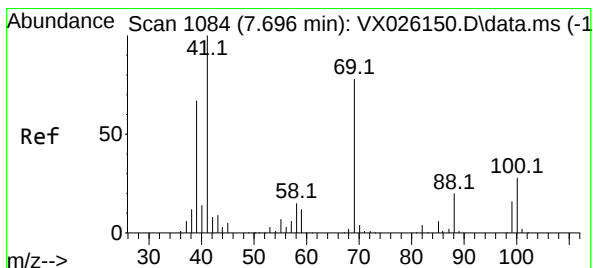
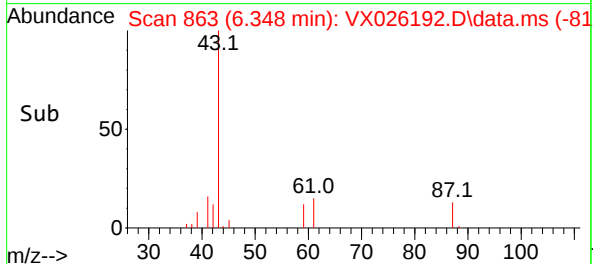
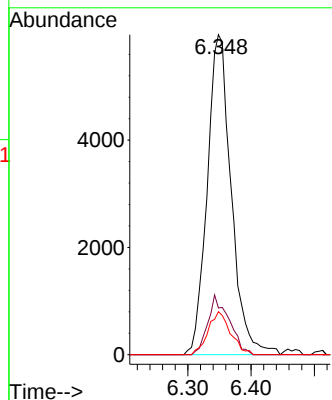
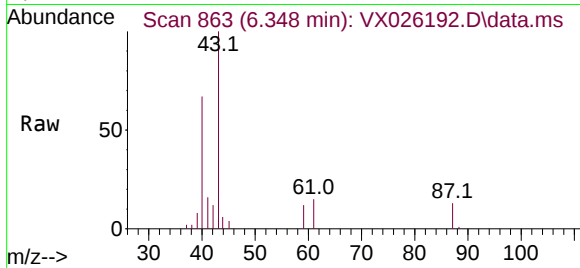




#43
Isopropyl Acetate
Concen: 3.303 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX026192.D
Acq: 31 Dec 2021 01:18

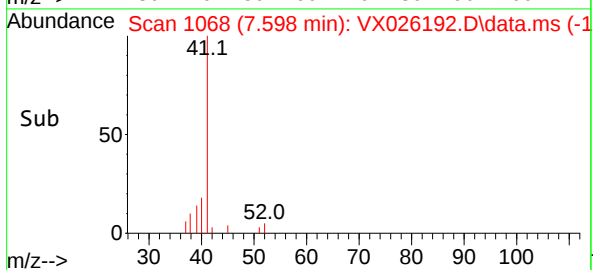
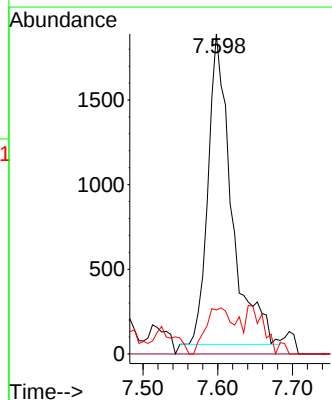
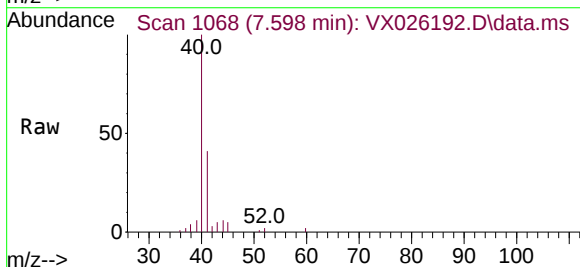
Instrument :
MSVOA_X
ClientSampleId :
PB141694TB

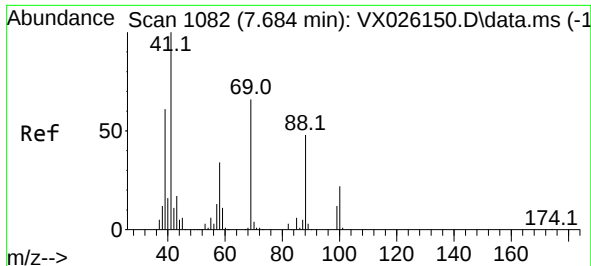
Tgt Ion: 43 Resp: 15755
Ion Ratio Lower Upper
43 100
61 16.5 15.7 23.5
87 12.6 11.2 16.8



#48
Methyl methacrylate
Concen: 1.751 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX026192.D
Acq: 31 Dec 2021 01:18

Tgt Ion: 41 Resp: 4006
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: 1.044 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. 0.134 min

Lab File: VX026192.D

Acq: 31 Dec 2021 01:18

Instrument :

MSVOA_X

ClientSampleId :

PB141694TB

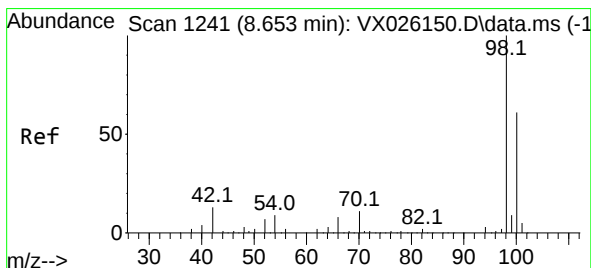
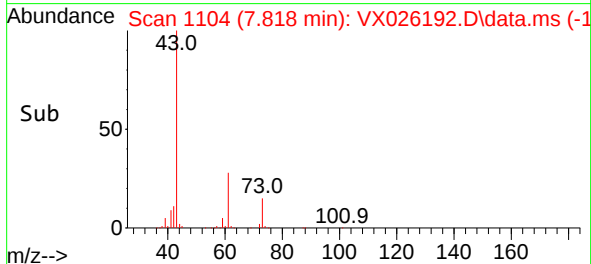
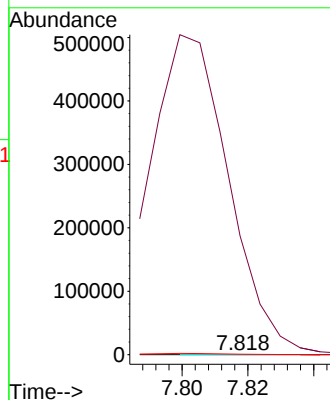
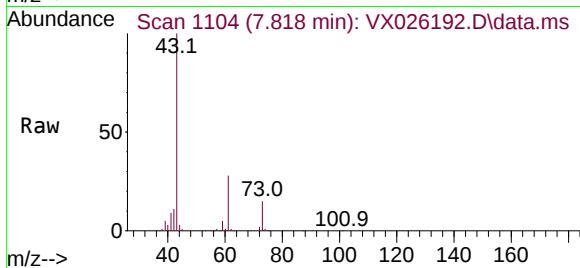
Tgt Ion: 88 Resp: 44

Ion Ratio Lower Upper

88 100

43 1978320.5 25.3 37.9#

58 7961.4 51.8 77.6#



#50

Toluene-d8

Concen: 50.493 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026192.D

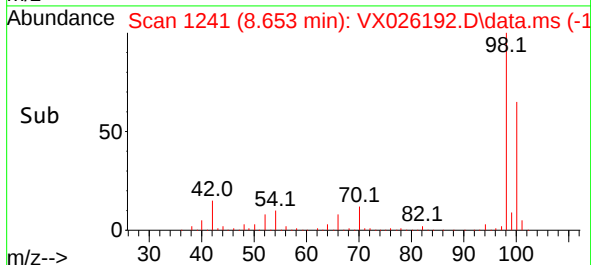
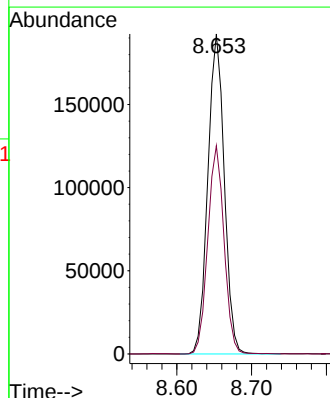
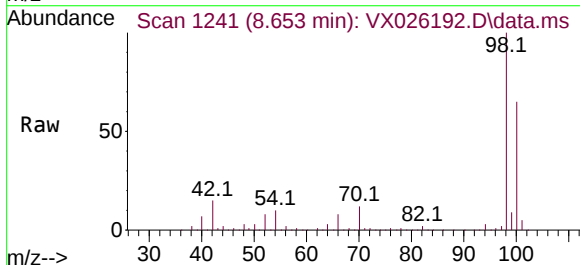
Acq: 31 Dec 2021 01:18

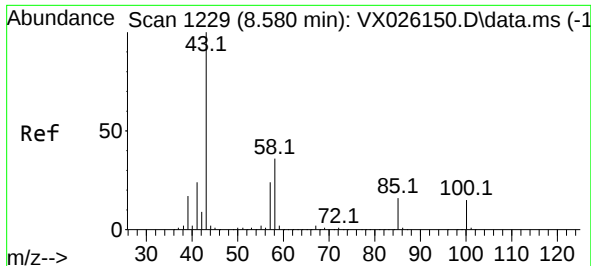
Tgt Ion: 98 Resp: 293904

Ion Ratio Lower Upper

98 100

100 64.4 52.6 78.8

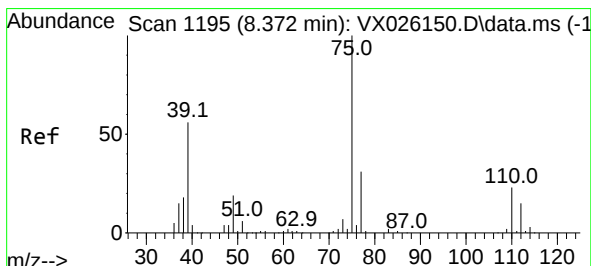
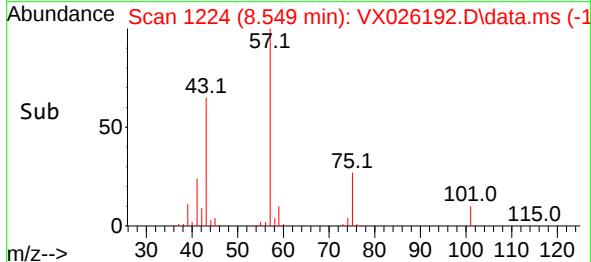
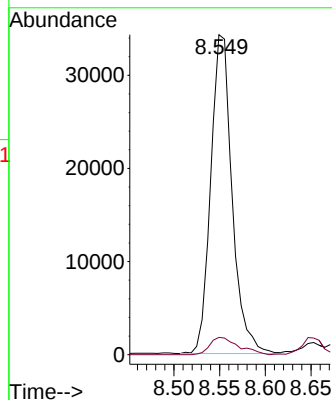
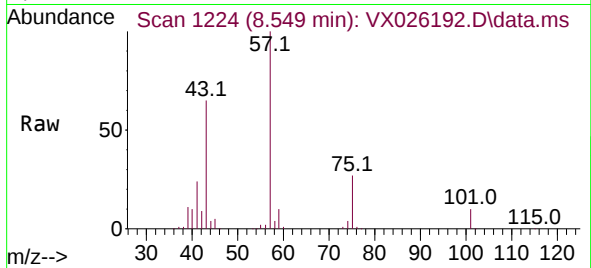




#51
4-Methyl-2-Pentanone
Concen: 18.740 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX026192.D
Acq: 31 Dec 2021 01:18

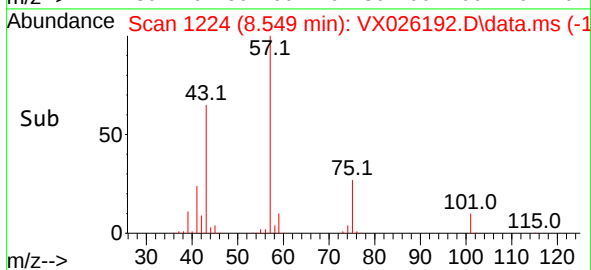
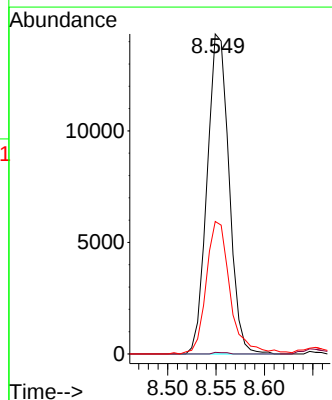
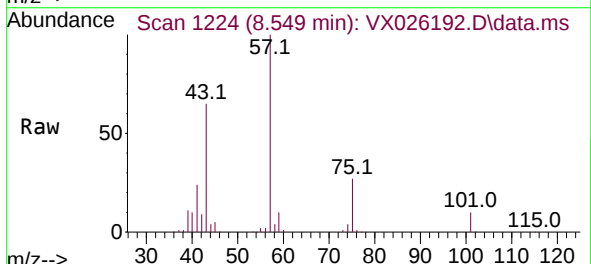
Instrument :
MSVOA_X
ClientSampleId :
PB141694TB

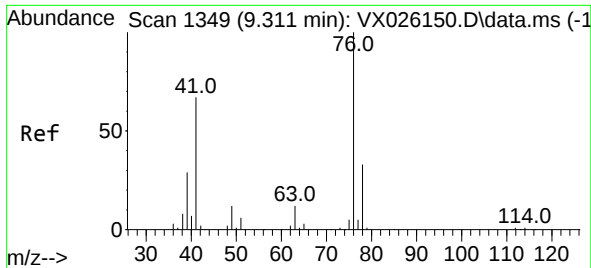
Tgt Ion: 43 Resp: 55623
Ion Ratio Lower Upper
43 100
58 7.3 30.8 46.2#



#54
cis-1,3-Dichloropropene
Concen: 7.681 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.177 min
Lab File: VX026192.D
Acq: 31 Dec 2021 01:18

Tgt Ion: 75 Resp: 22573
Ion Ratio Lower Upper
75 100
77 0.5 25.3 37.9#
39 41.4 41.4 62.0





#57

1,3-Dichloropropane

Concen: 4.428 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.177 min

Lab File: VX026192.D

Acq: 31 Dec 2021 01:18

Instrument :

MSVOA_X

ClientSampleId :

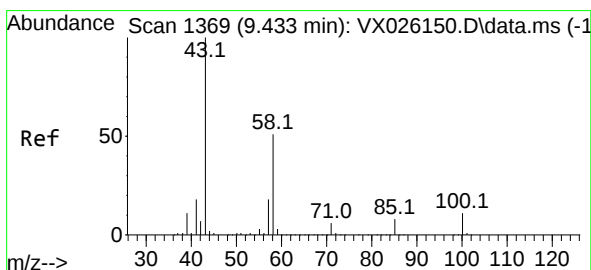
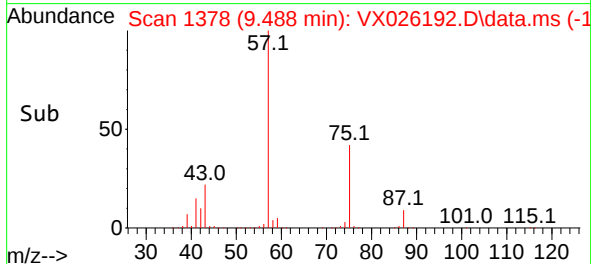
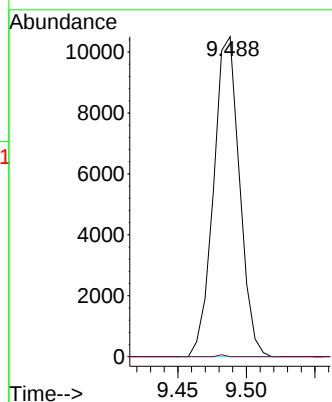
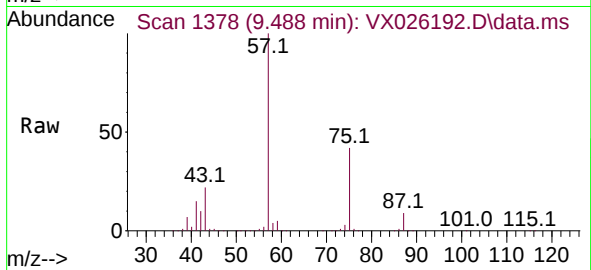
PB141694TB

Tgt Ion: 76 Resp: 13824

Ion Ratio Lower Upper

76 100

78 0.2 26.0 39.0#



#59

2-Hexanone

Concen: 96.099 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX026192.D

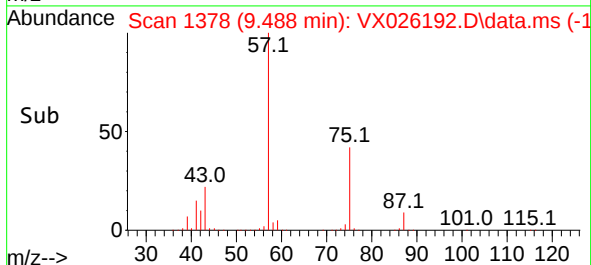
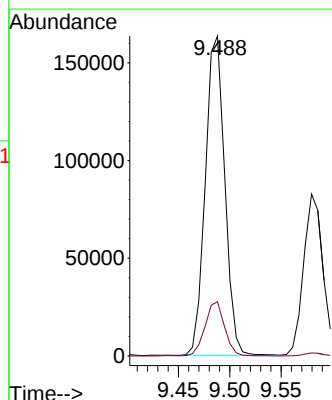
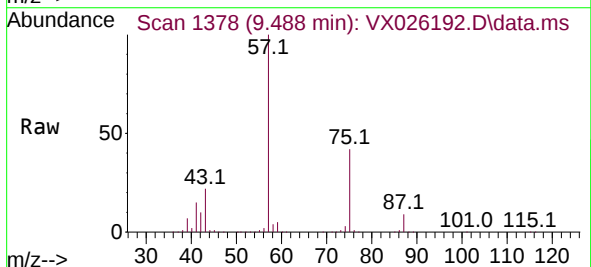
Acq: 31 Dec 2021 01:18

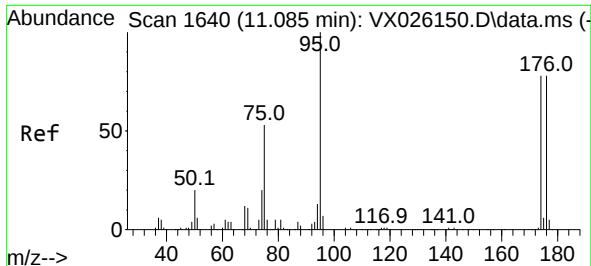
Tgt Ion: 43 Resp: 216064

Ion Ratio Lower Upper

43 100

58 17.2 26.9 80.6#

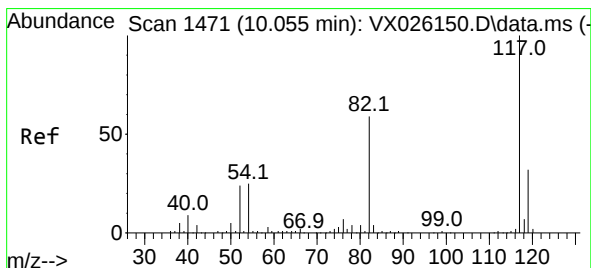
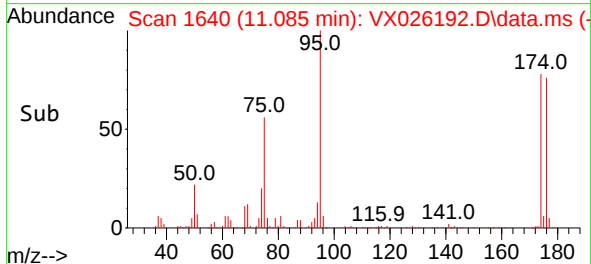
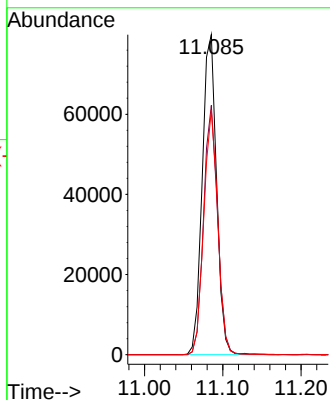
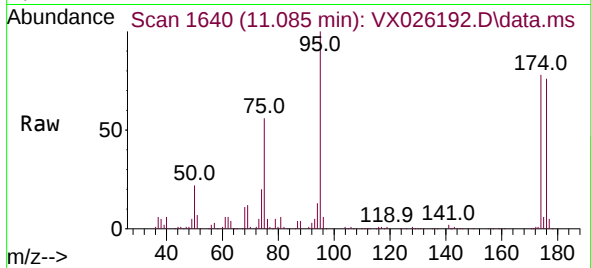




#62
4-Bromofluorobenzene
Concen: 48.925 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026192.D
Acq: 31 Dec 2021 01:18

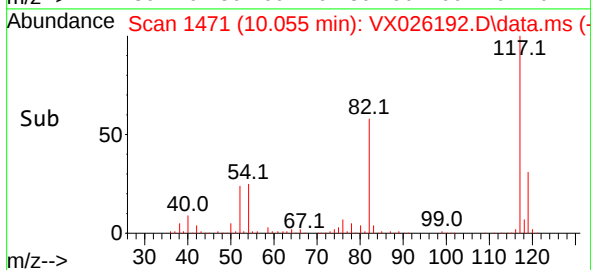
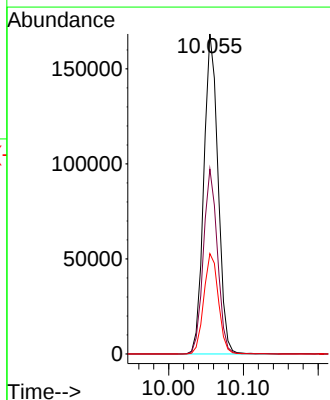
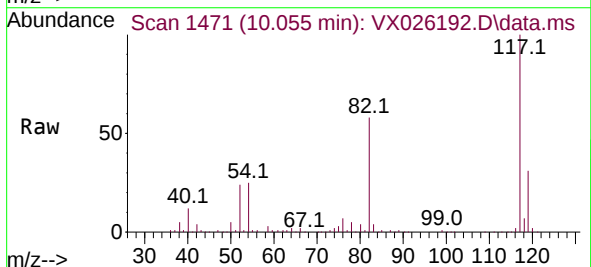
Instrument :
MSVOA_X
ClientSampleId :
PB141694TB

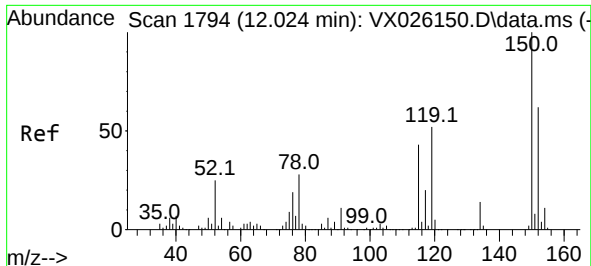
Tgt Ion: 95 Resp: 101379
Ion Ratio Lower Upper
95 100
174 75.9 0.0 157.4
176 74.6 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026192.D
Acq: 31 Dec 2021 01:18

Tgt Ion: 117 Resp: 222698
Ion Ratio Lower Upper
117 100
82 57.8 43.8 65.6
119 31.4 25.2 37.8

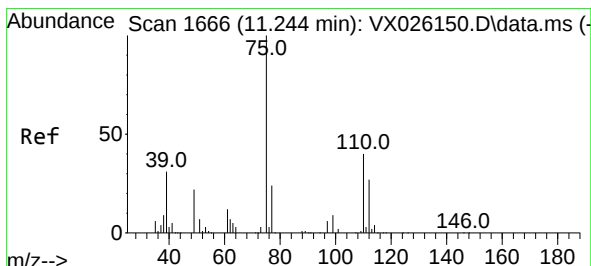
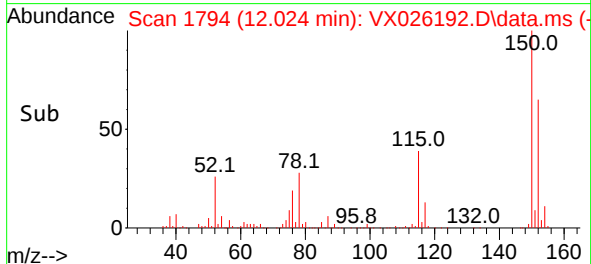
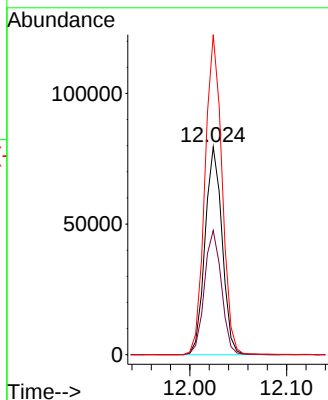
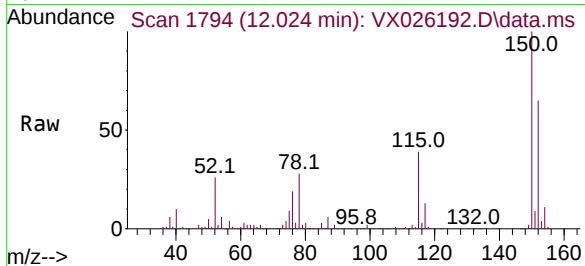




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026192.D
 Acq: 31 Dec 2021 01:18

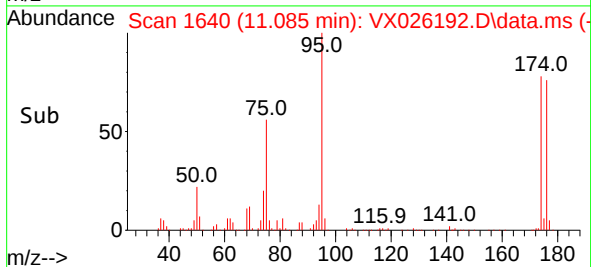
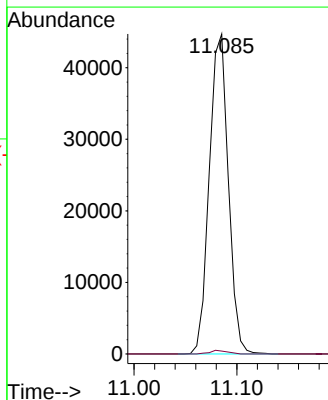
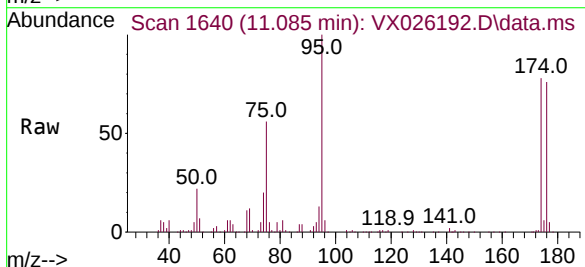
Instrument :
 MSVOA_X
 ClientSampleId :
 PB141694TB

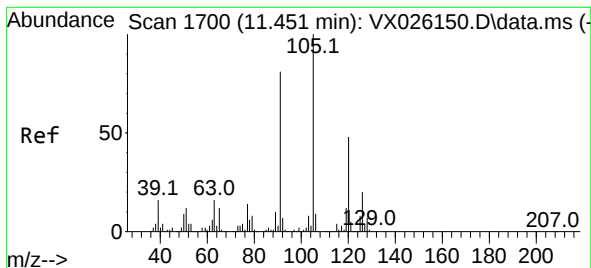
Tgt Ion:152 Resp: 97527
 Ion Ratio Lower Upper
 152 100
 115 59.7 41.3 123.9
 150 154.5 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 24.394 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX026192.D
 Acq: 31 Dec 2021 01:18

Tgt Ion: 75 Resp: 57426
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.0 57.0#





#80

1,3,5-Trimethylbenzene

Concen: 0.210 ug/l

RT: 11.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX026192.D

Acq: 31 Dec 2021 01:18

Instrument :

MSVOA_X

ClientSampleId :

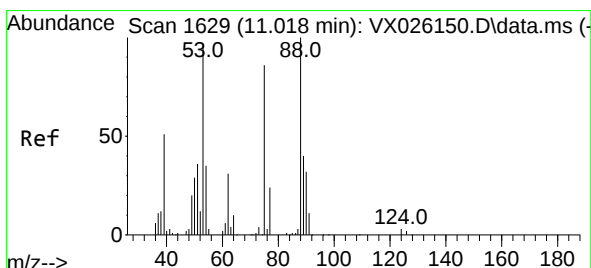
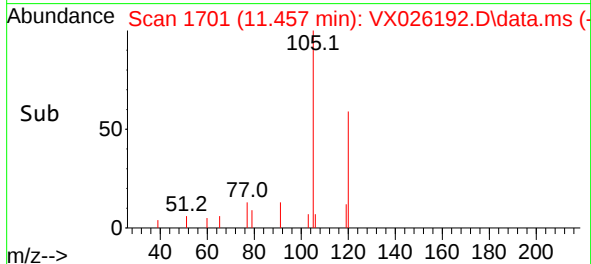
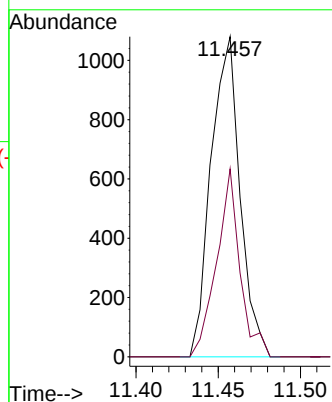
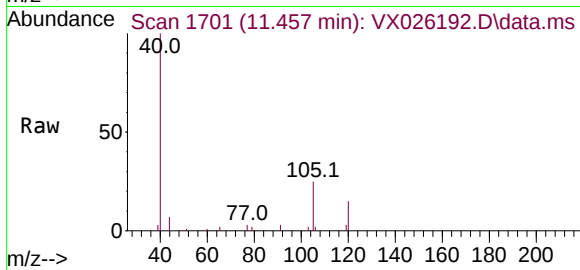
PB141694TB

Tgt Ion:105 Resp: 1323

Ion Ratio Lower Upper

105 100

120 47.2 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 70.573 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX026192.D

Acq: 31 Dec 2021 01:18

Tgt Ion: 75 Resp: 57426

Ion Ratio Lower Upper

75 100

53 0.0 79.5 119.3#

89 0.0 38.3 57.5#

