

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026244.D
 Acq On : 04 Jan 2022 01:15
 Operator : JC/MD
 Sample : PB141783ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 04 07:59:08 2022
 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

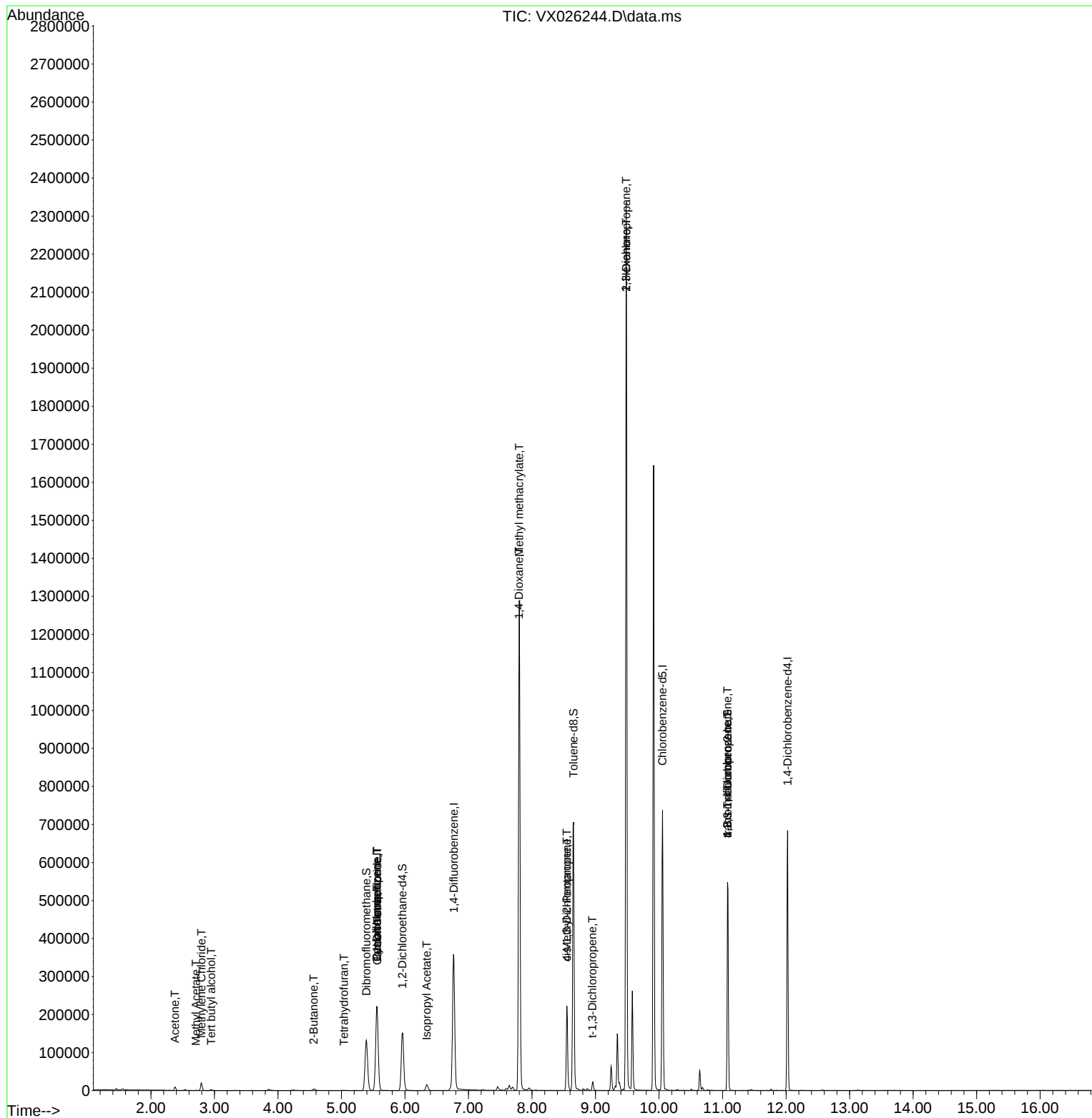
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	193723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	342407	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	302565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156829	55.958	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.920%
35) Dibromofluoromethane	5.391	113	113550	51.009	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.020%
50) Toluene-d8	8.653	98	409202	49.419	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.840%
62) 4-Bromofluorobenzene	11.079	95	143429	48.659	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.320%
Target Compounds						Qvalue
11) Tert butyl alcohol	2.946	59	1910	3.412	ug/l #	73
16) Acetone	2.379	43	10419	6.861	ug/l	93
18) Methyl Acetate	2.709	43	1043	0.212	ug/l #	85
20) Methylene Chloride	2.794	84	7977	2.385	ug/l	94
25) 2-Butanone	4.562	43	5332	2.521	ug/l #	89
29) Tetrahydrofuran	5.038	42	741	0.556	ug/l #	43
31) Cyclohexane	5.556	56	5098	1.277	ug/l #	29
36) 1,1-Dichloropropene	5.556	75	17419	4.851	ug/l #	49
38) Carbon Tetrachloride	5.562	117	21757	5.448	ug/l #	15
43) Isopropyl Acetate	6.342	43	21425	3.158	ug/l	94
48) Methyl methacrylate	7.799	41	117258	36.035	ug/l #	43
49) 1,4-Dioxane	7.793	88	192	3.202	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	79250	18.769	ug/l #	49
53) t-1,3-Dichloropropene	8.951	75	21	1.898	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	32354	7.739	ug/l #	66
57) 1,3-Dichloropropane	9.482	76	19251	4.335	ug/l #	43
59) 2-Hexanone	9.482	43	293186	91.668	ug/l #	49
76) 1,2,3-Trichloropropane	11.079	75	79499	25.807	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	79499	74.660	ug/l #	10

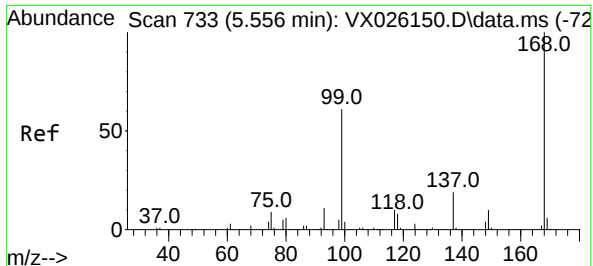
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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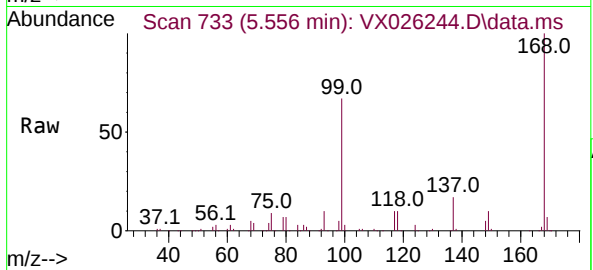
Quant Time: Jan 04 07:59:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



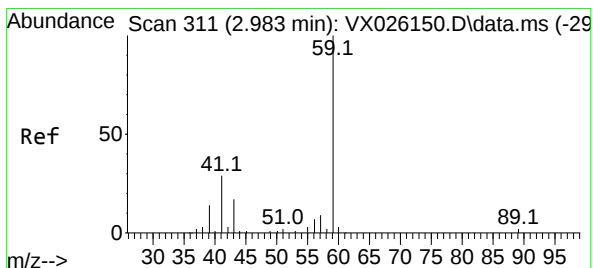
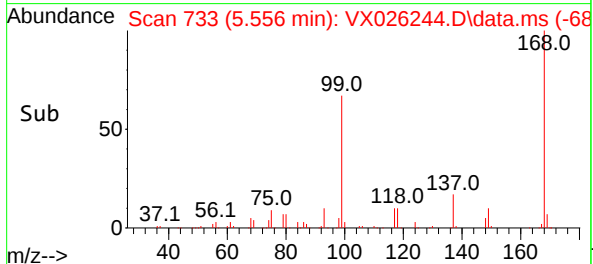
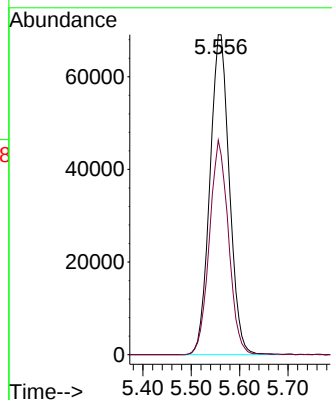


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026244.D
Acq: 04 Jan 2022 01:15

Instrument :
MSVOA_X
ClientSampleId :

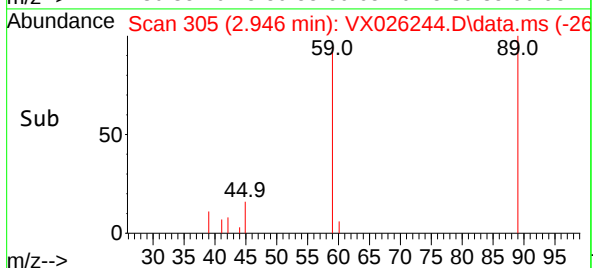
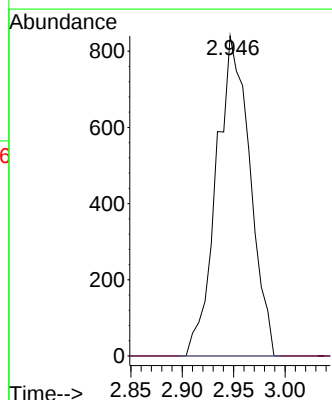
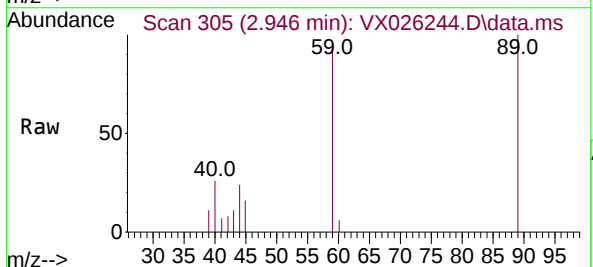


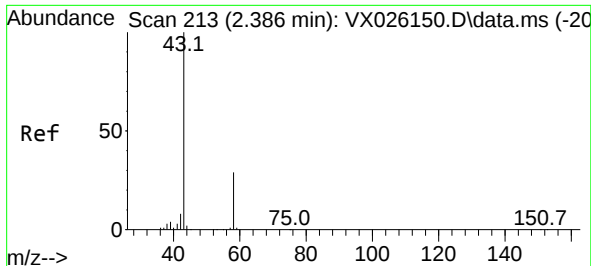
Tgt Ion:168 Resp: 193723
Ion Ratio Lower Upper
168 100
99 67.0 45.8 68.8



#11
Tert butyl alcohol
Concen: 3.412 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX026244.D
Acq: 04 Jan 2022 01:15

Tgt Ion: 59 Resp: 1910
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

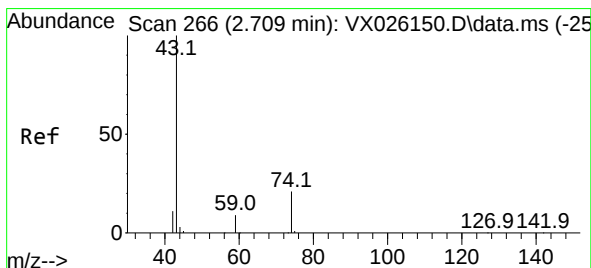
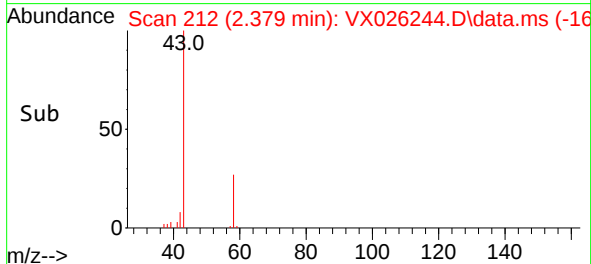
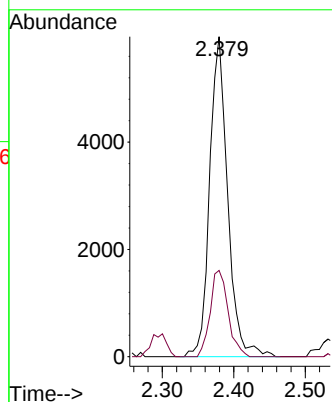
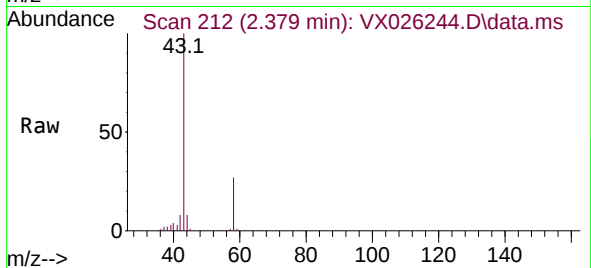




#16
Acetone
Concen: 6.861 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX026244.D
Acq: 04 Jan 2022 01:15

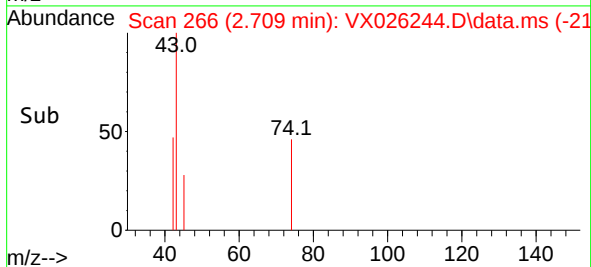
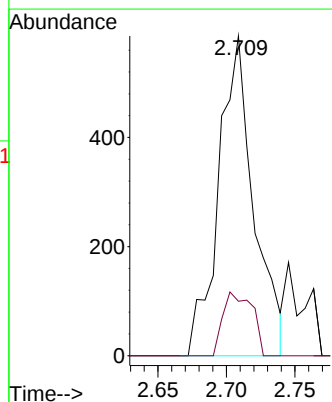
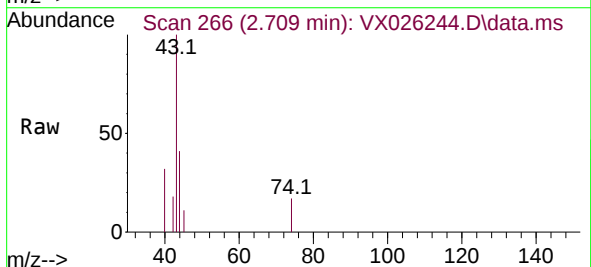
Instrument :
MSVOA_X
ClientSampleId :

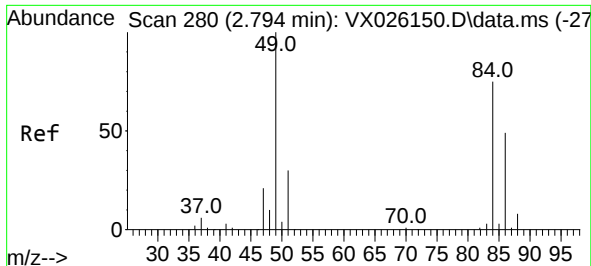
Tgt Ion: 43 Resp: 10419
Ion Ratio Lower Upper
43 100
58 26.9 24.8 37.2



#18
Methyl Acetate
Concen: 0.212 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026244.D
Acq: 04 Jan 2022 01:15

Tgt Ion: 43 Resp: 1043
Ion Ratio Lower Upper
43 100
74 16.6 19.1 28.7#





#20

Methylene Chloride

Concen: 2.385 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX026244.D

Acq: 04 Jan 2022 01:15

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 84 Resp: 7977

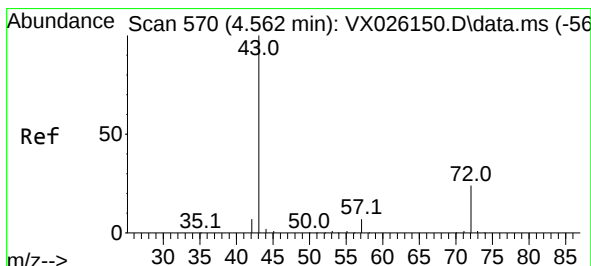
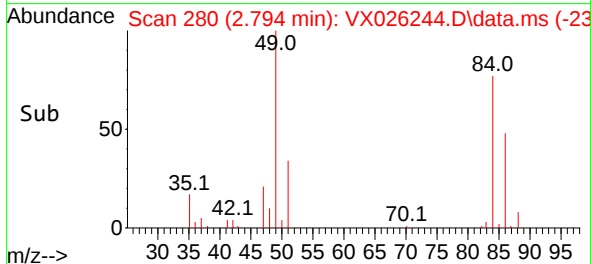
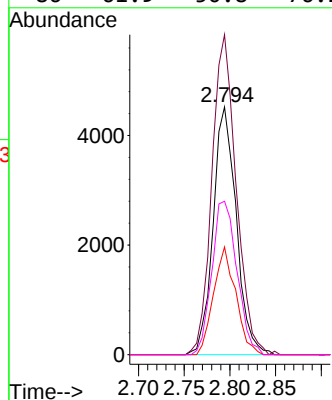
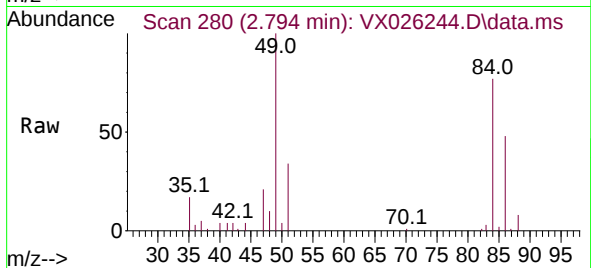
Ion Ratio Lower Upper

84 100

49 129.2 97.1 145.7

51 43.5 29.3 43.9

86 61.9 50.8 76.2



#25

2-Butanone

Concen: 2.521 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX026244.D

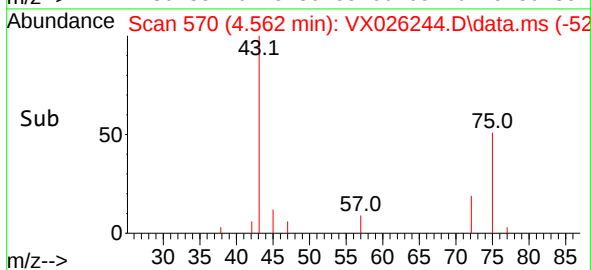
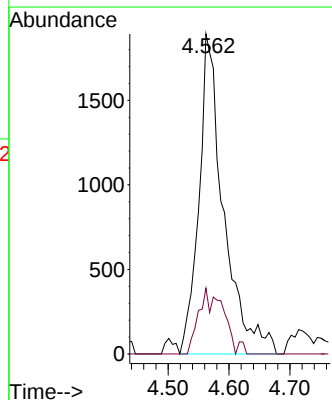
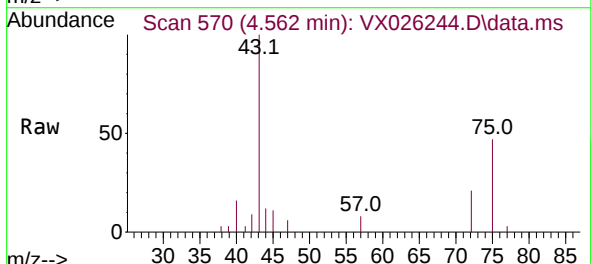
Acq: 04 Jan 2022 01:15

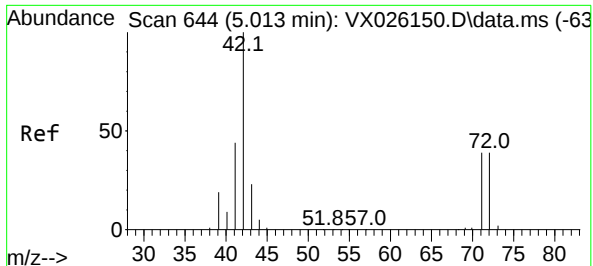
Tgt Ion: 43 Resp: 5332

Ion Ratio Lower Upper

43 100

72 20.5 21.0 31.4#





#29

Tetrahydrofuran

Concen: 0.556 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.025 min

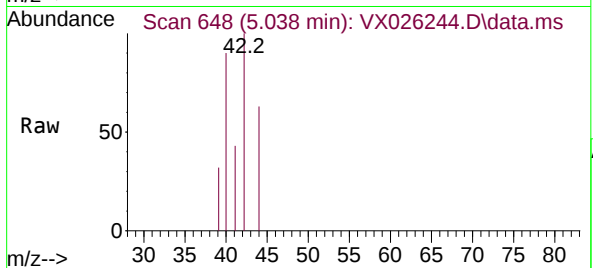
Lab File: VX026244.D

Acq: 04 Jan 2022 01:15

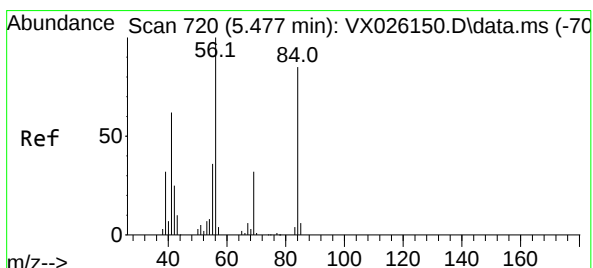
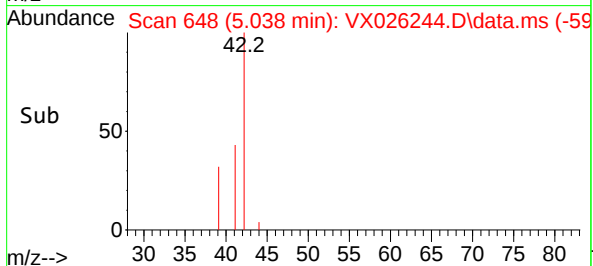
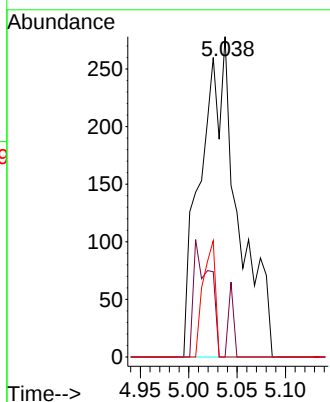
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	741
Ion	Ratio	Lower	Upper
42	100		
72	3.2	37.0	55.6#
71	12.0	34.1	51.1#



#31

Cyclohexane

Concen: 1.277 ug/l

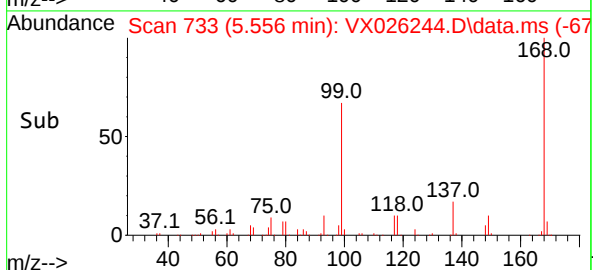
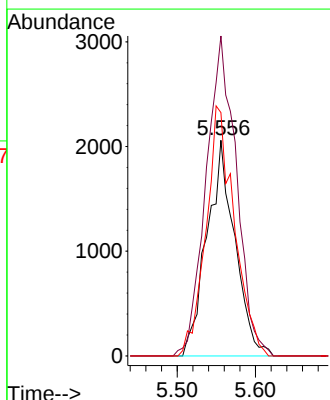
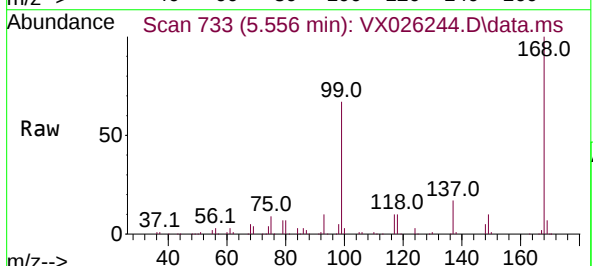
RT: 5.556 min Scan# 733

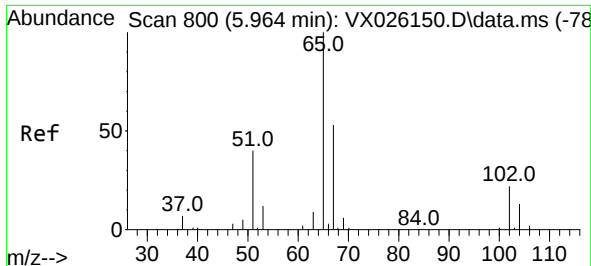
Delta R.T. 0.079 min

Lab File: VX026244.D

Acq: 04 Jan 2022 01:15

Tgt Ion:	56	Resp:	5098
Ion	Ratio	Lower	Upper
56	100		
69	148.4	23.9	35.9#
84	112.9	73.2	109.8#





#33

1,2-Dichloroethane-d4

Concen: 55.958 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026244.D

Acq: 04 Jan 2022 01:15

Instrument :

MSVOA_X

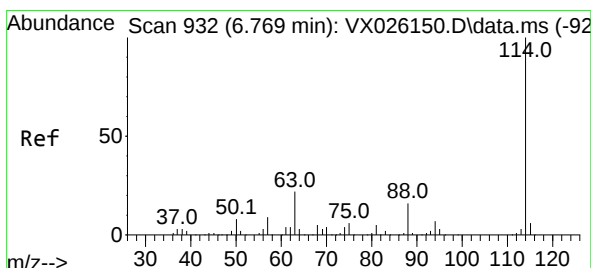
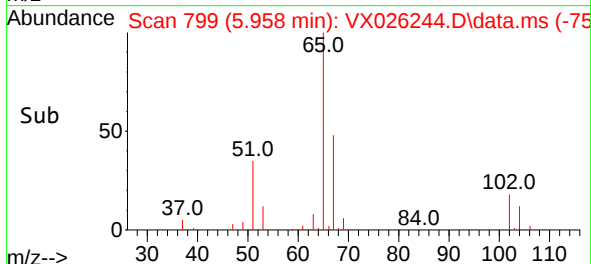
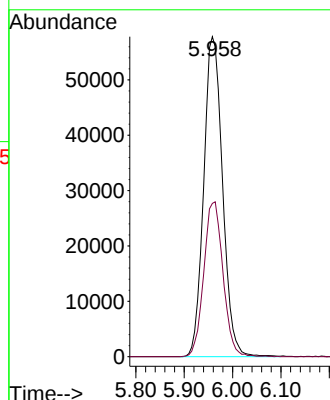
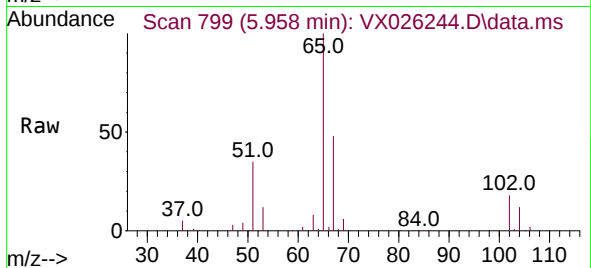
ClientSampleId :

Tgt Ion: 65 Resp: 156829

Ion Ratio Lower Upper

65 100

67 49.3 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: VX026244.D

Acq: 04 Jan 2022 01:15

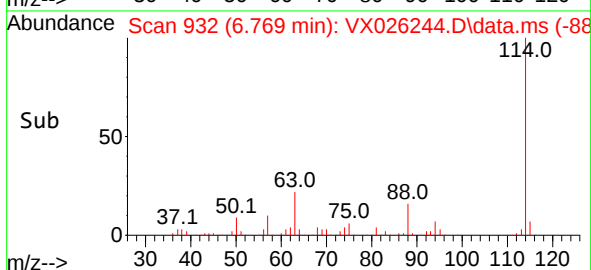
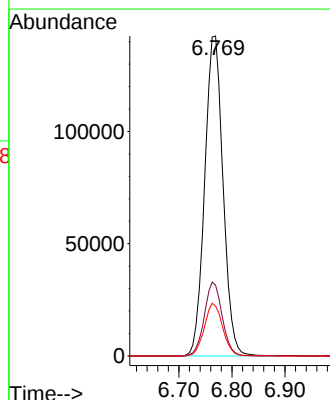
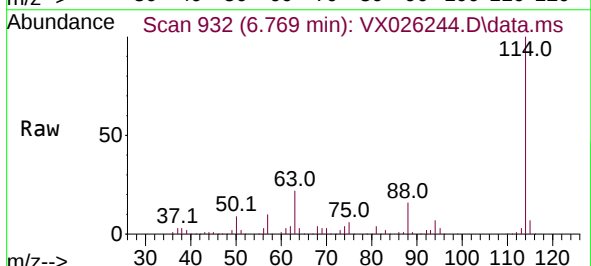
Tgt Ion: 114 Resp: 342407

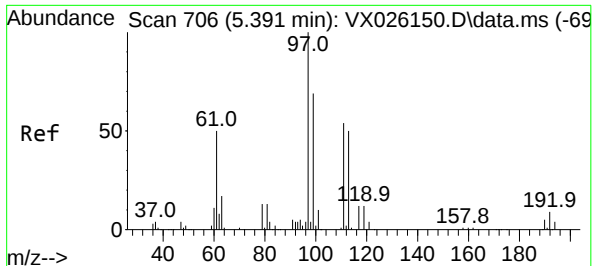
Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.0

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.009 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

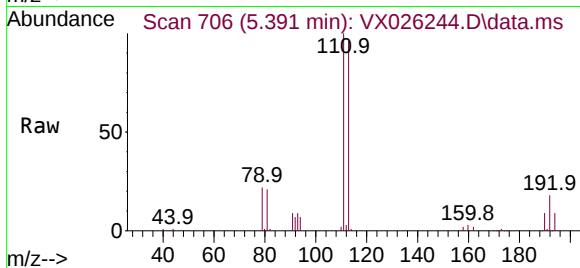
Lab File: VX026244.D

Acq: 04 Jan 2022 01:15

Instrument :

MSVOA_X

ClientSampleId :



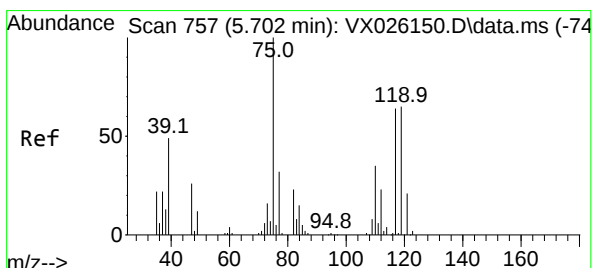
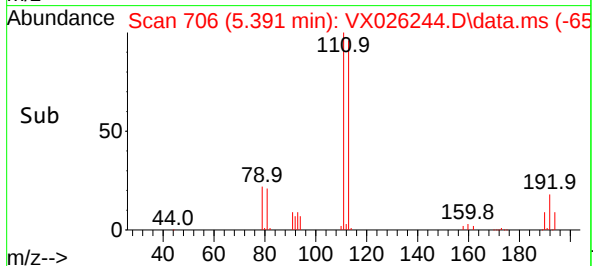
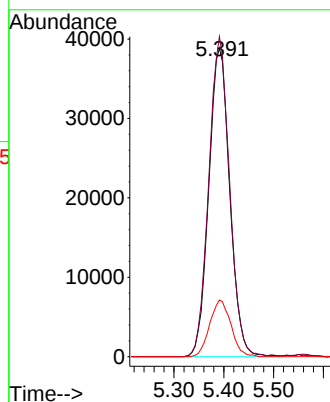
Tgt Ion:113 Resp: 113550

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

192 18.6 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.851 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX026244.D

Acq: 04 Jan 2022 01:15

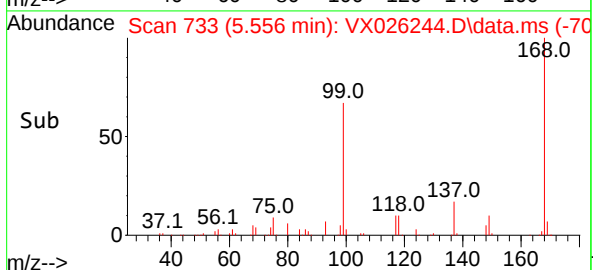
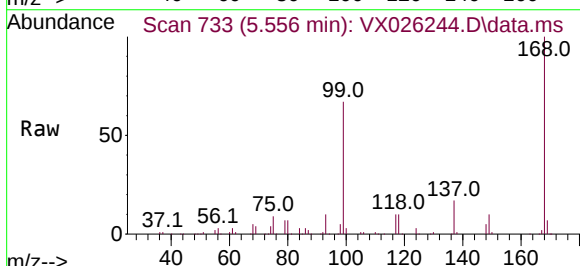
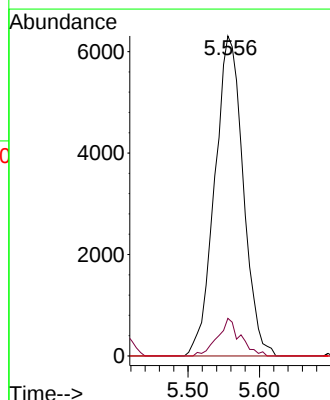
Tgt Ion: 75 Resp: 17419

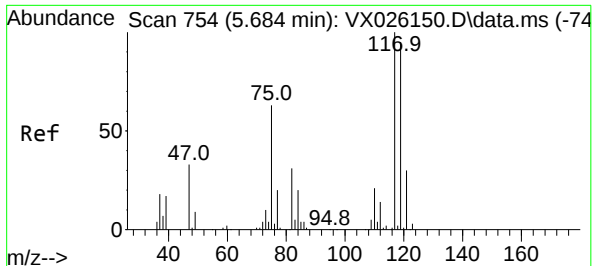
Ion Ratio Lower Upper

75 100

110 9.4 18.2 54.6#

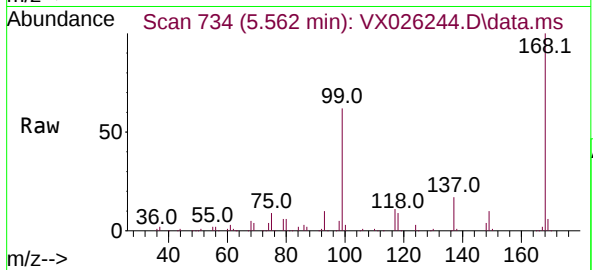
77 0.0 24.7 37.1#



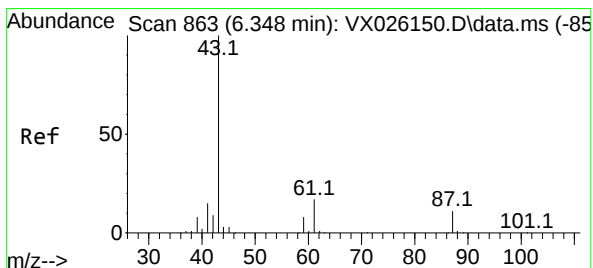
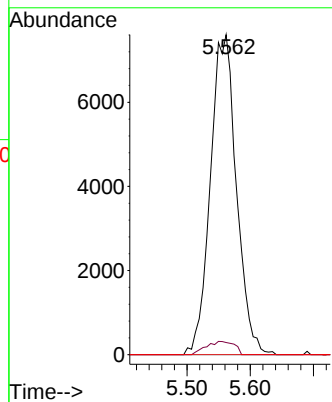
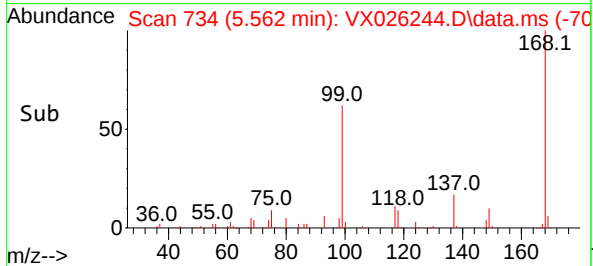


#38
Carbon Tetrachloride
Concen: 5.448 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026244.D
Acq: 04 Jan 2022 01:15

Instrument :
MSVOA_X
ClientSampleId :

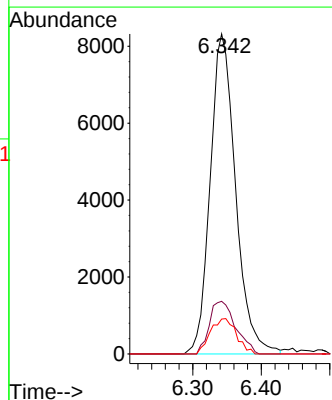
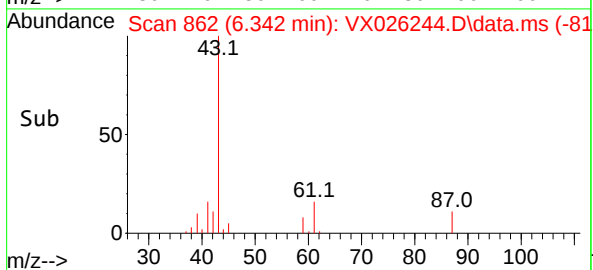
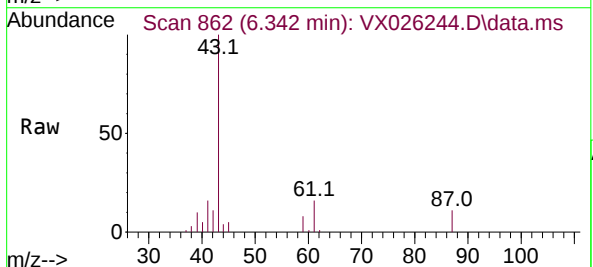


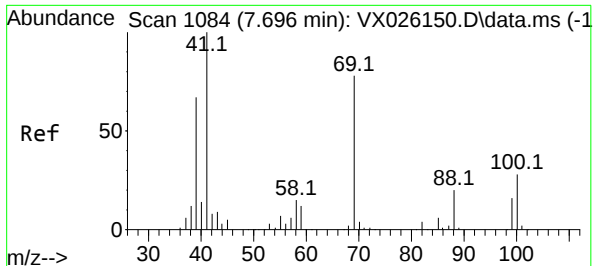
Tgt Ion:117 Resp: 21757
Ion Ratio Lower Upper
117 100
119 3.8 77.2 115.8#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 3.158 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX026244.D
Acq: 04 Jan 2022 01:15

Tgt Ion: 43 Resp: 21425
Ion Ratio Lower Upper
43 100
61 17.0 15.7 23.5
87 11.3 11.2 16.8





#48

Methyl methacrylate

Concen: 36.035 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.103 min

Lab File: VX026244.D

Acq: 04 Jan 2022 01:15

Instrument :

MSVOA_X

ClientSampleId :

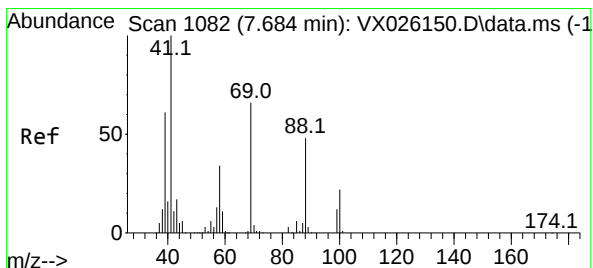
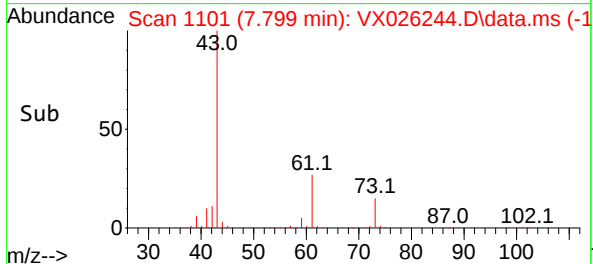
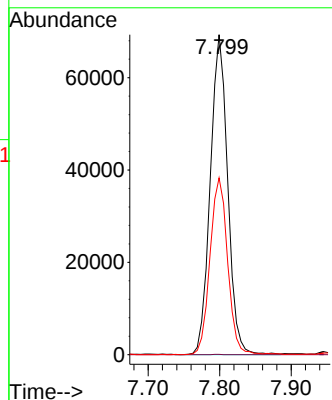
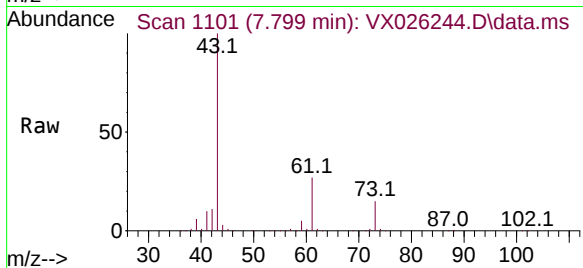
Tgt Ion: 41 Resp: 117258

Ion Ratio Lower Upper

41 100

69 0.1 67.3 100.9#

39 55.7 50.2 75.2



#49

1,4-Dioxane

Concen: 3.202 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.109 min

Lab File: VX026244.D

Acq: 04 Jan 2022 01:15

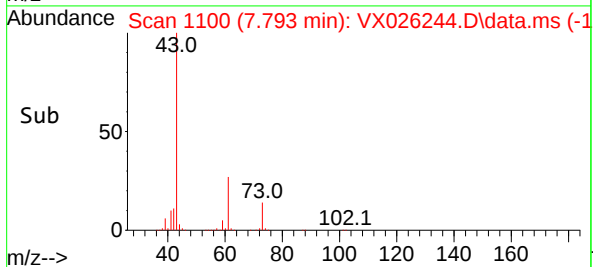
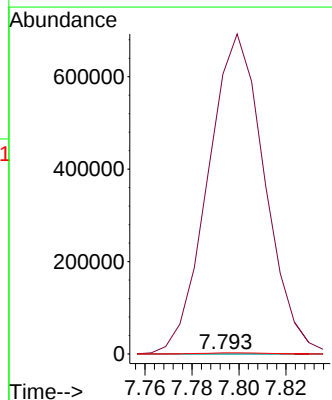
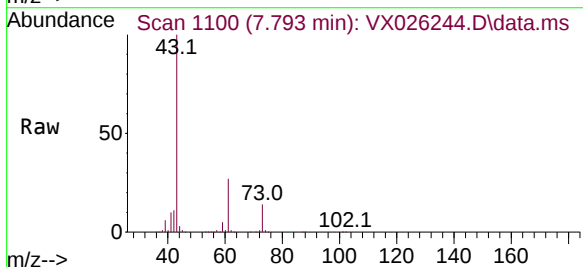
Tgt Ion: 88 Resp: 192

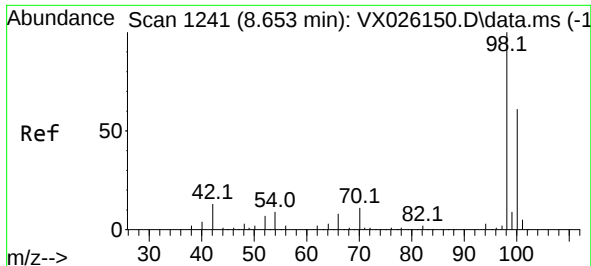
Ion Ratio Lower Upper

88 100

43 612447.9 25.3 37.9#

58 2424.5 51.8 77.6#

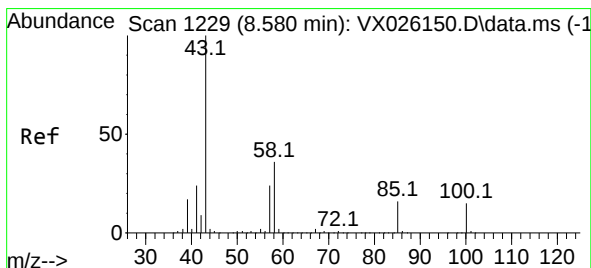
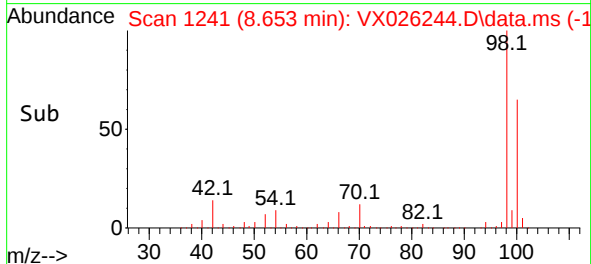
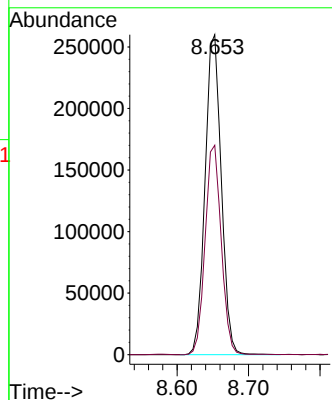
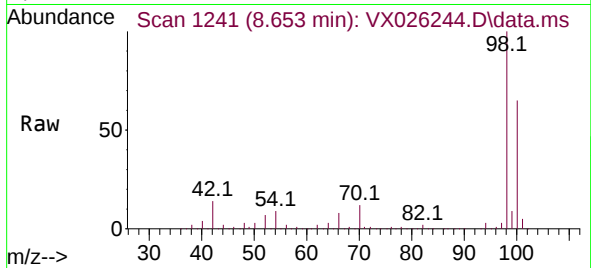




#50
Toluene-d8
Concen: 49.419 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026244.D
Acq: 04 Jan 2022 01:15

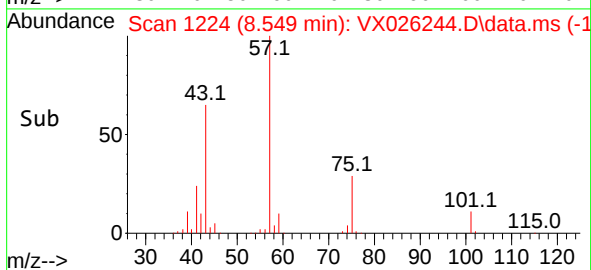
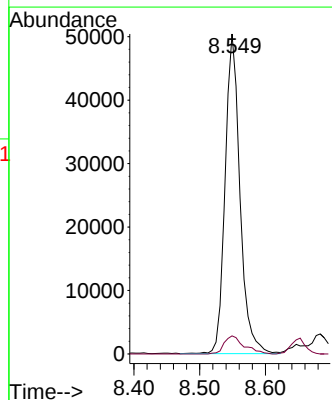
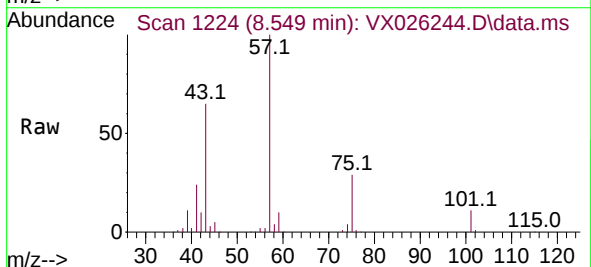
Instrument :
MSVOA_X
ClientSampleId :

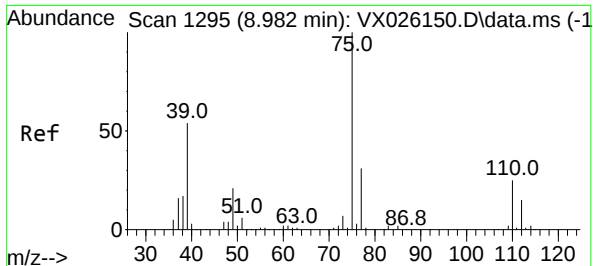
Tgt Ion: 98 Resp: 409202
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 18.769 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX026244.D
Acq: 04 Jan 2022 01:15

Tgt Ion: 43 Resp: 79250
Ion Ratio Lower Upper
43 100
58 7.6 30.8 46.2#





#53

t-1,3-Dichloropropene

Concen: 1.898 ug/l

RT: 8.951 min Scan# 11

Delta R.T. -0.031 min

Lab File: VX026244.D

Acq: 04 Jan 2022 01:15

Instrument :

MSVOA_X

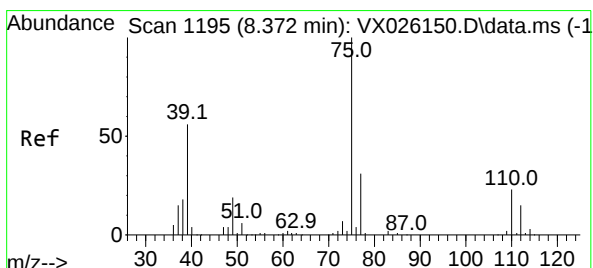
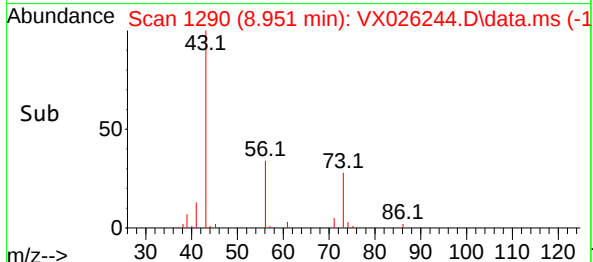
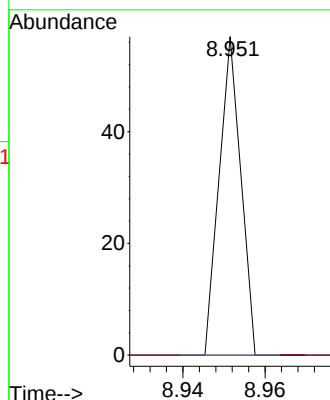
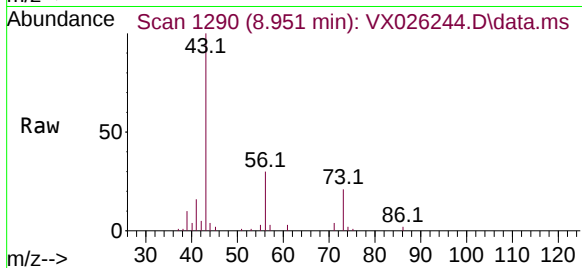
ClientSampleId :

Tgt Ion: 75 Resp: 21

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#54

cis-1,3-Dichloropropene

Concen: 7.739 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.177 min

Lab File: VX026244.D

Acq: 04 Jan 2022 01:15

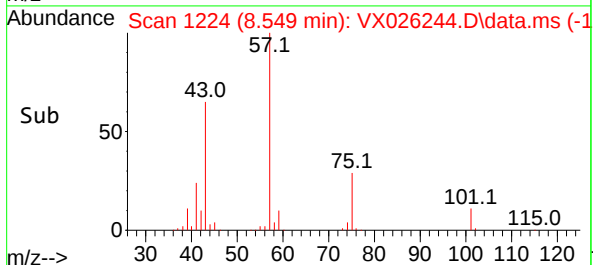
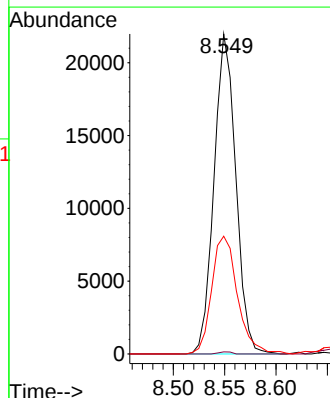
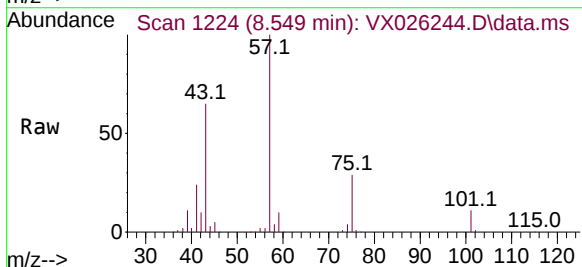
Tgt Ion: 75 Resp: 32354

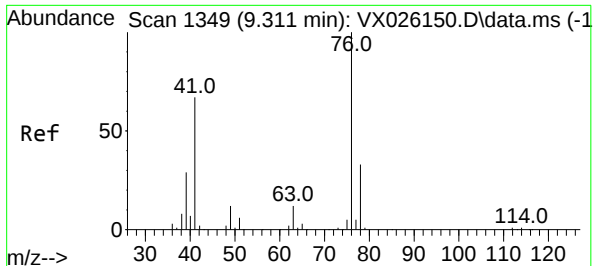
Ion Ratio Lower Upper

75 100

77 0.7 25.3 37.9#

39 36.8 41.4 62.0#





#57

1,3-Dichloropropane

Concen: 4.335 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026244.D

Acq: 04 Jan 2022 01:15

Instrument :

MSVOA_X

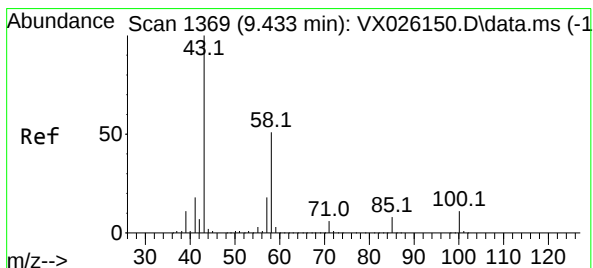
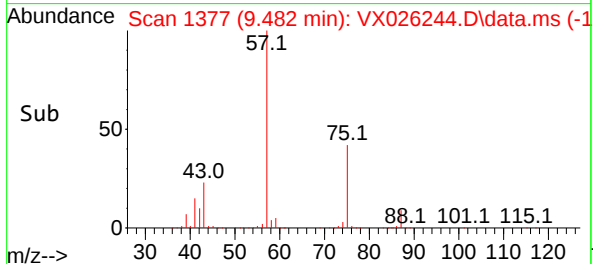
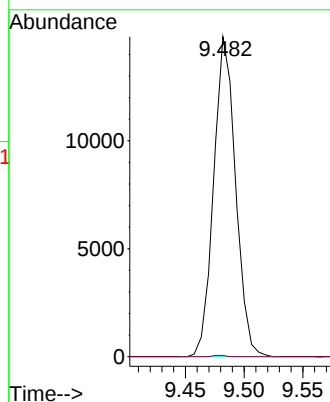
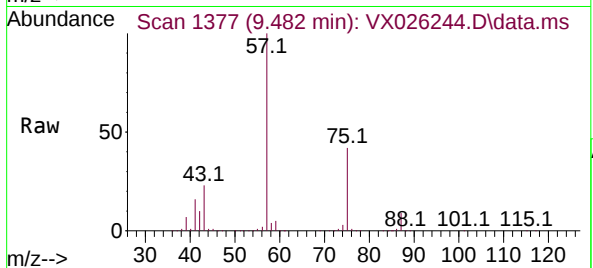
ClientSampleId :

Tgt Ion: 76 Resp: 19251

Ion Ratio Lower Upper

76 100

78 0.2 26.0 39.0#



#59

2-Hexanone

Concen: 91.668 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026244.D

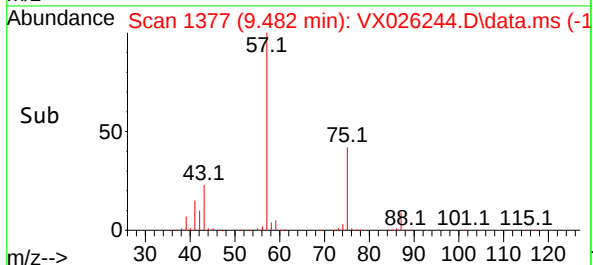
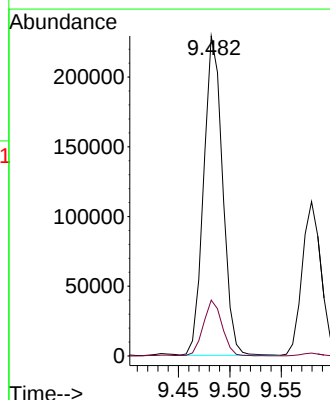
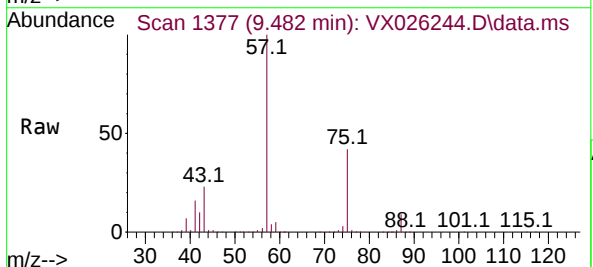
Acq: 04 Jan 2022 01:15

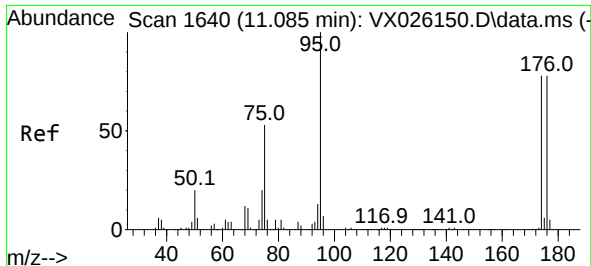
Tgt Ion: 43 Resp: 293186

Ion Ratio Lower Upper

43 100

58 17.3 26.9 80.6#

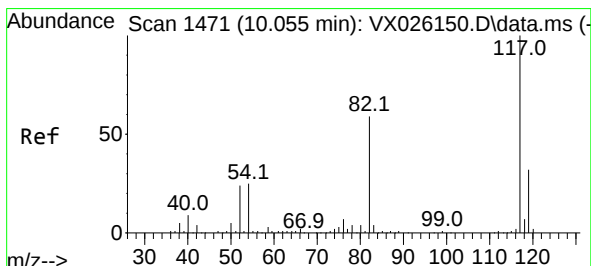
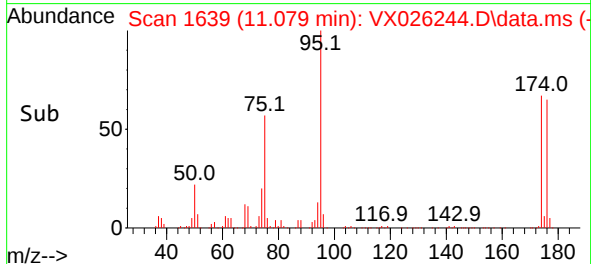
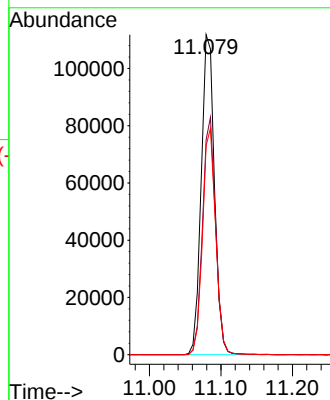
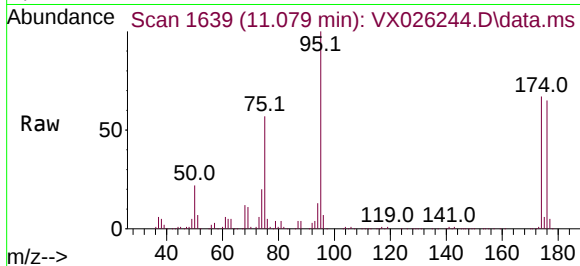




#62
4-Bromofluorobenzene
Concen: 48.659 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026244.D
Acq: 04 Jan 2022 01:15

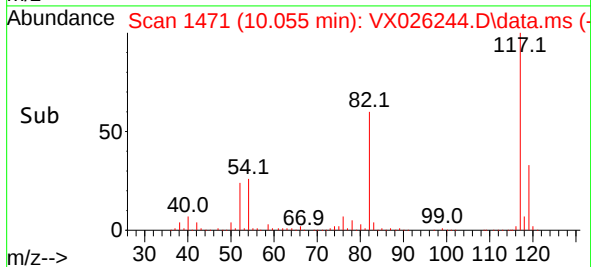
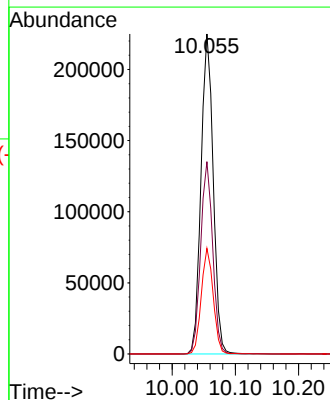
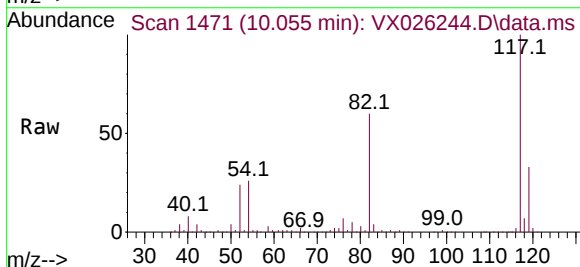
Instrument :
MSVOA_X
ClientSampleId :

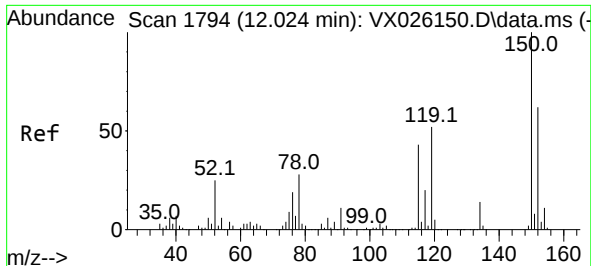
Tgt Ion: 95 Resp: 143429
Ion Ratio Lower Upper
95 100
174 73.4 0.0 157.4
176 70.3 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026244.D
Acq: 04 Jan 2022 01:15

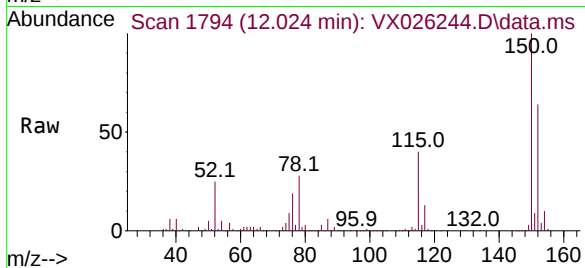
Tgt Ion: 117 Resp: 302565
Ion Ratio Lower Upper
117 100
82 60.1 43.8 65.6
119 33.0 25.2 37.8



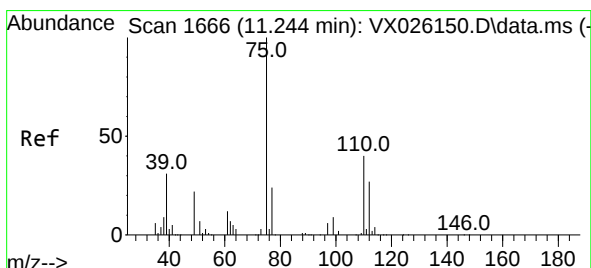
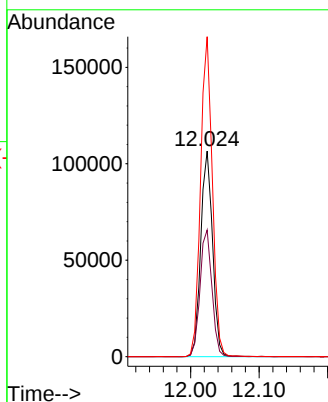
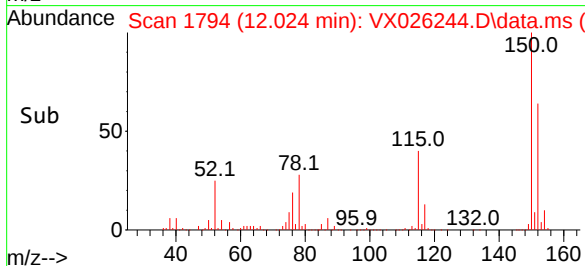


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026244.D
 Acq: 04 Jan 2022 01:15

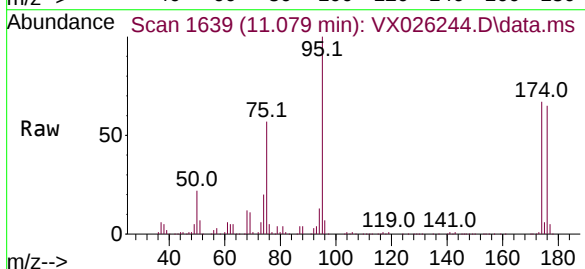
Instrument :
 MSVOA_X
 ClientSampleId :



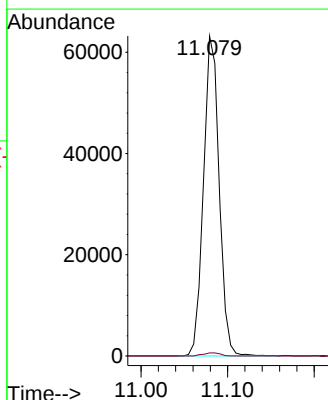
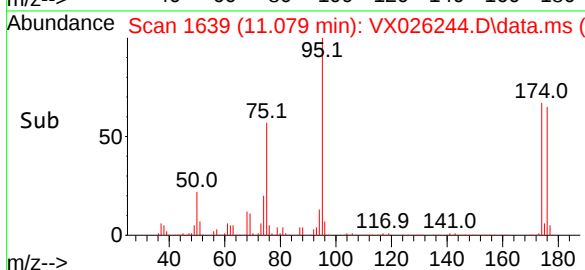
Tgt Ion:152 Resp: 127623
 Ion Ratio Lower Upper
 152 100
 115 62.3 41.3 123.9
 150 155.5 0.0 351.8

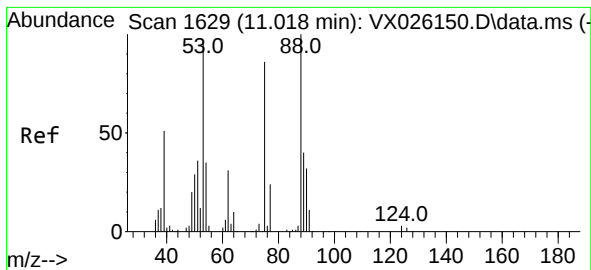


#76
 1,2,3-Trichloropropane
 Concen: 25.807 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026244.D
 Acq: 04 Jan 2022 01:15



Tgt Ion: 75 Resp: 79499
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.0 57.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.660 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026244.D
 Acq: 04 Jan 2022 01:15

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 79499
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

