

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026245.D
 Acq On : 04 Jan 2022 01:38
 Operator : JC/MD
 Sample : PB141783ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 04 07:59:28 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

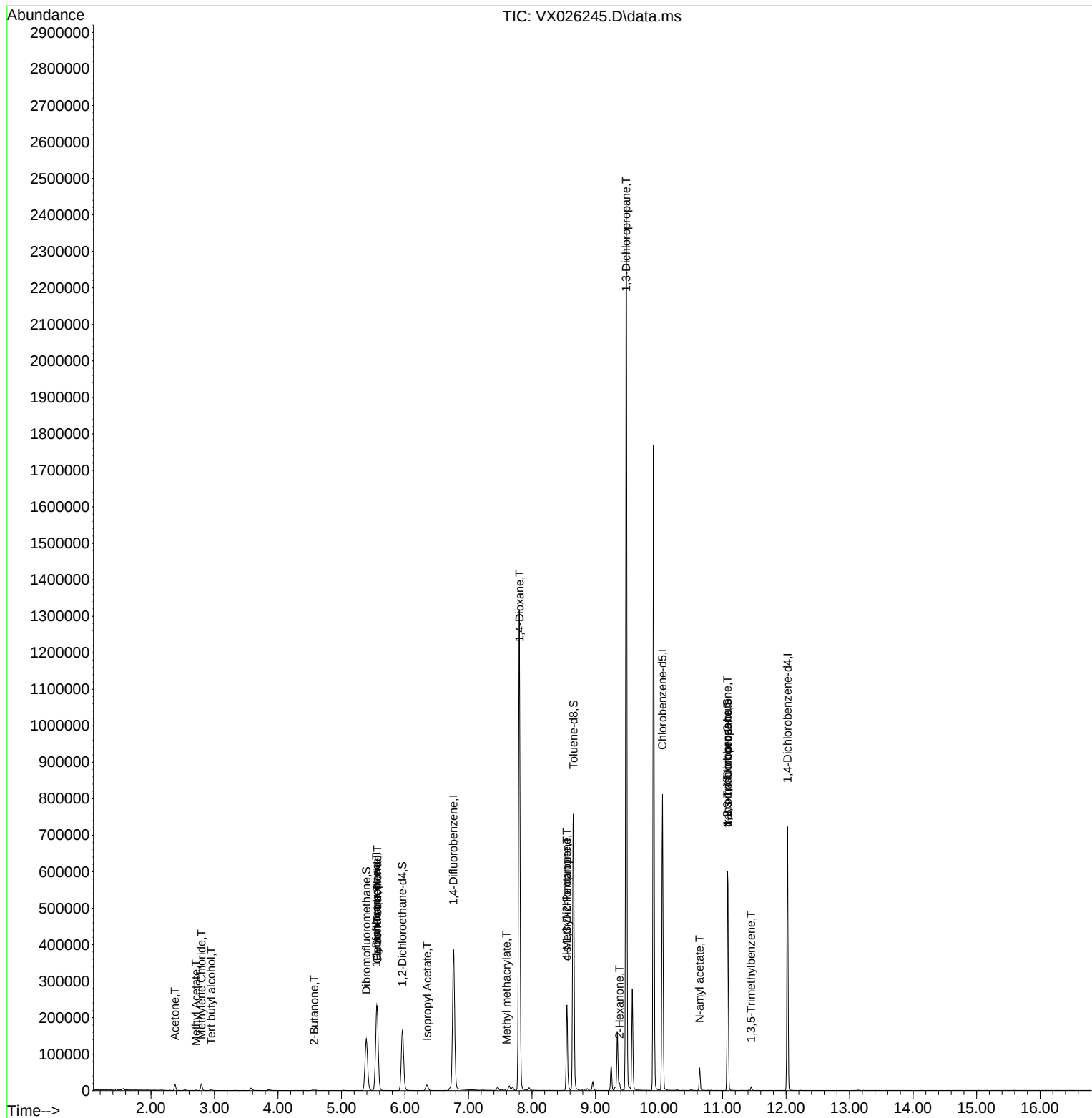
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	208631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	366015	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	326553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165367	54.789	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 109.580%		
35) Dibromofluoromethane	5.391	113	119958	50.411	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.820%		
50) Toluene-d8	8.653	98	442021	49.939	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.880%		
62) 4-Bromofluorobenzene	11.079	95	153107	48.592	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 97.180%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	2112	3.503	ug/l #	73
16) Acetone	2.380	43	18470	11.294	ug/l	97
18) Methyl Acetate	2.709	43	1529	0.288	ug/l #	80
20) Methylene Chloride	2.794	84	7688	2.033	ug/l	96
25) 2-Butanone	4.568	43	3316	1.456	ug/l #	87
31) Cyclohexane	5.556	56	5199	1.210	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	18678	4.867	ug/l #	50
38) Carbon Tetrachloride	5.562	117	23344	5.468	ug/l #	15
43) Isopropyl Acetate	6.348	43	21616	2.980	ug/l	96
48) Methyl methacrylate	7.598	41	6114	1.758	ug/l #	12
49) 1,4-Dioxane	7.806	88	186	2.902	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	82717	18.327	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	32974	7.379	ug/l #	70
57) 1,3-Dichloropropane	9.482	76	20099	4.234	ug/l #	43
59) 2-Hexanone	9.378	43	10438	3.053	ug/l #	25
74) N-amyl acetate	10.640	43	15734	3.237	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	85350	25.961	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	4122	0.469	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	85350	75.106	ug/l #	10

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

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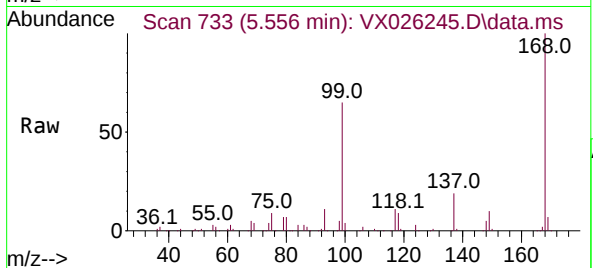
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



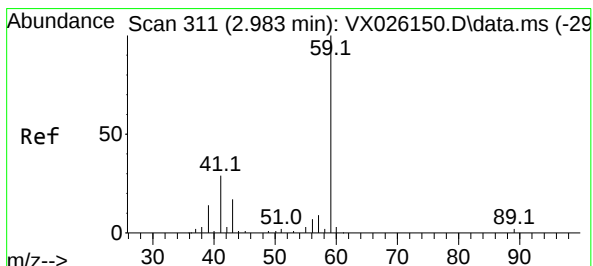
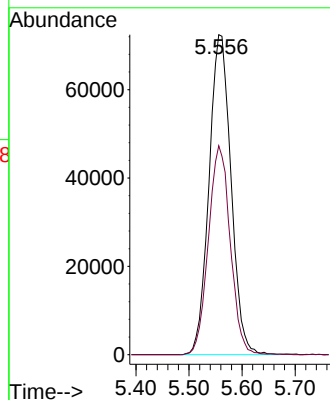
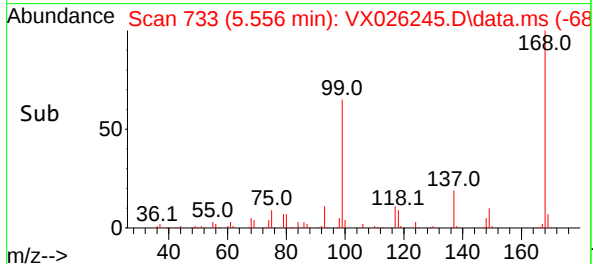


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026245.D
Acq: 04 Jan 2022 01:38

Instrument :
MSVOA_X
ClientSampleId :

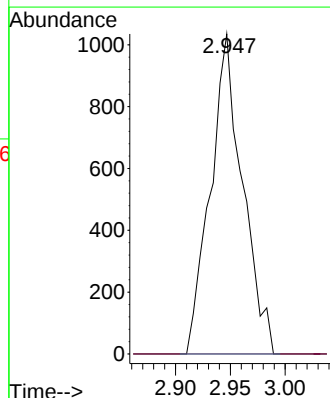
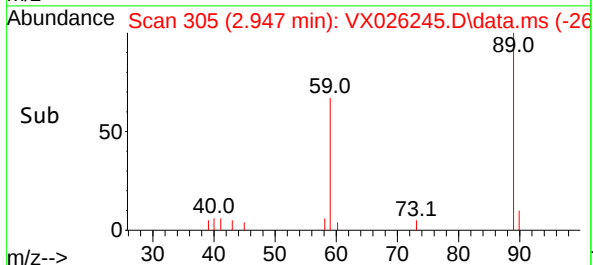
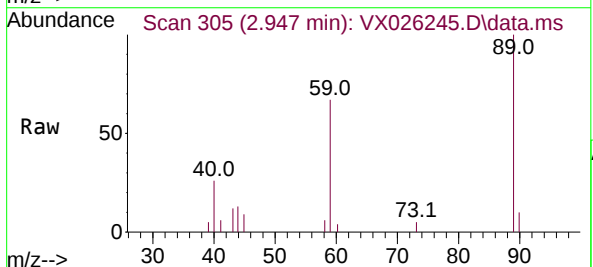


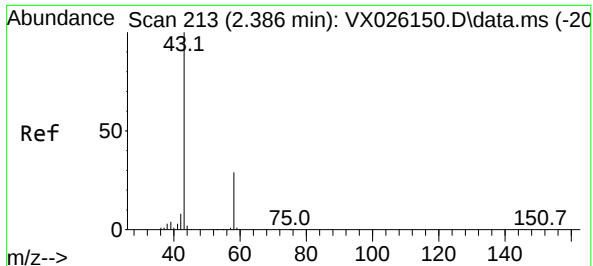
Tgt Ion:168 Resp: 208631
Ion Ratio Lower Upper
168 100
99 65.3 45.8 68.8



#11
Tert butyl alcohol
Concen: 3.503 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX026245.D
Acq: 04 Jan 2022 01:38

Tgt Ion: 59 Resp: 2112
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

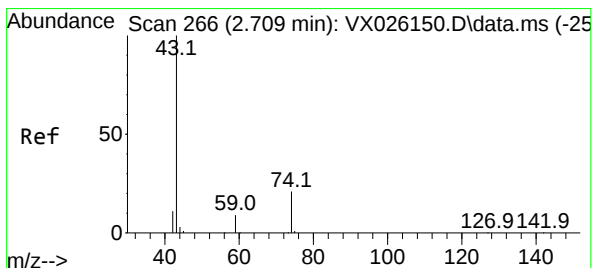
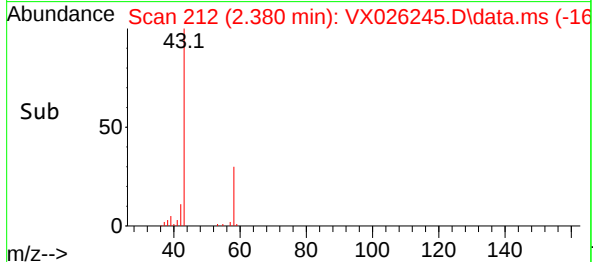
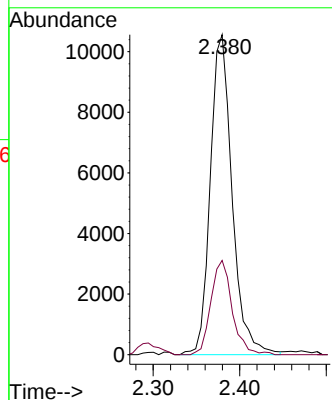
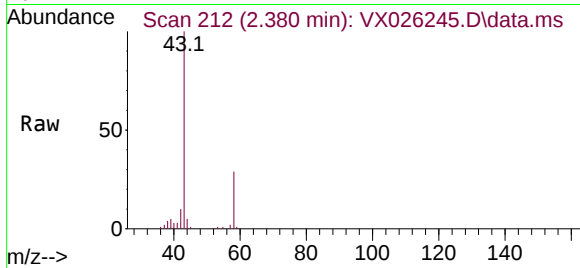




#16
Acetone
Concen: 11.294 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026245.D
Acq: 04 Jan 2022 01:38

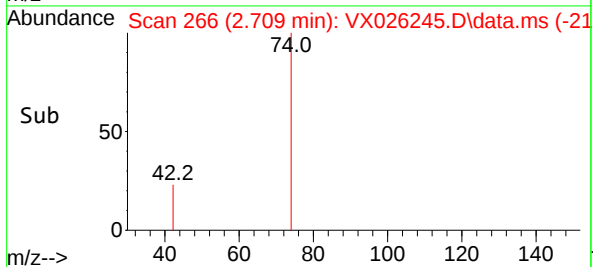
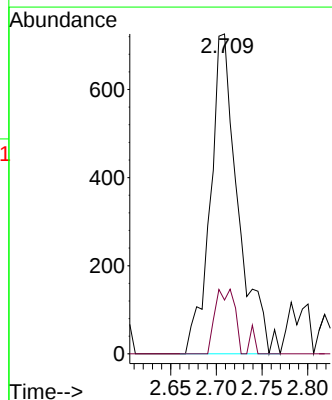
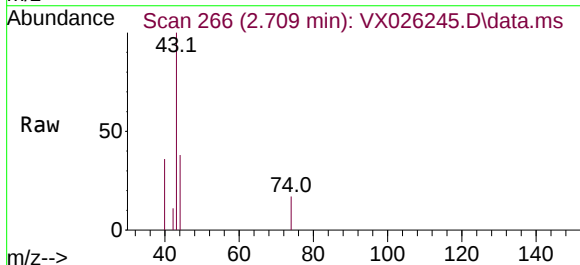
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 18470
Ion Ratio Lower Upper
43 100
58 29.4 24.8 37.2



#18
Methyl Acetate
Concen: 0.288 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026245.D
Acq: 04 Jan 2022 01:38

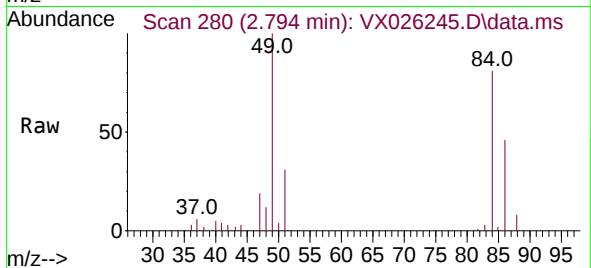
Tgt Ion: 43 Resp: 1529
Ion Ratio Lower Upper
43 100
74 14.3 19.1 28.7#



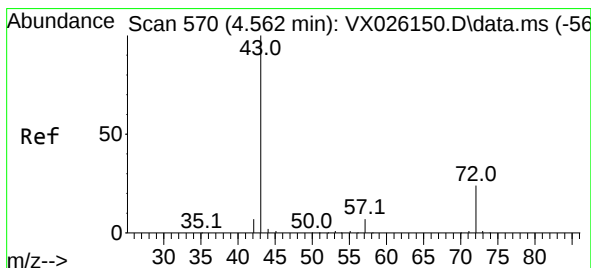
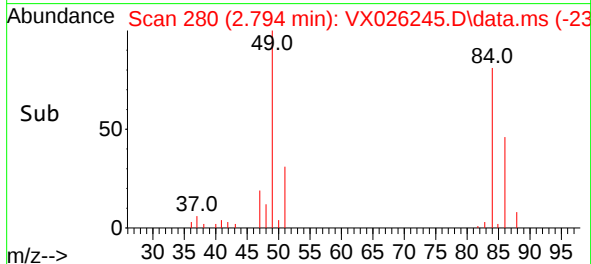
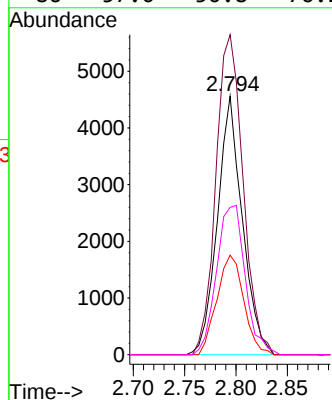


#20
Methylene Chloride
Concen: 2.033 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026245.D
Acq: 04 Jan 2022 01:38

Instrument :
MSVOA_X
ClientSampleId :

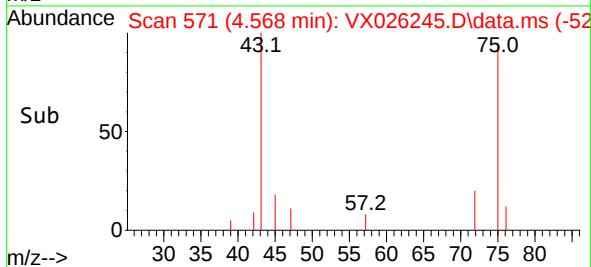
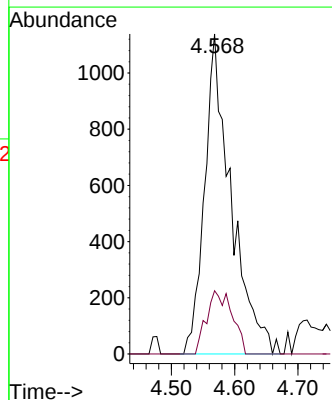
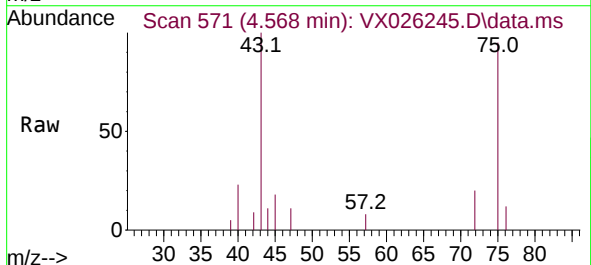


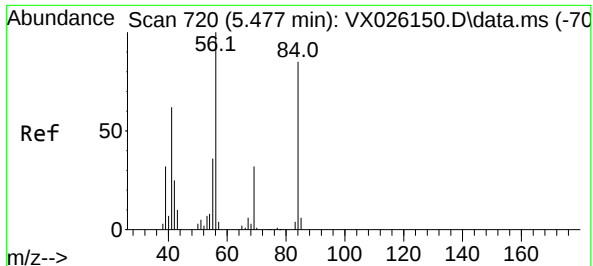
Tgt Ion:	84	Resp:	7688
Ion	Ratio	Lower	Upper
84	100		
49	123.8	97.1	145.7
51	38.5	29.3	43.9
86	57.0	50.8	76.2



#25
2-Butanone
Concen: 1.456 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX026245.D
Acq: 04 Jan 2022 01:38

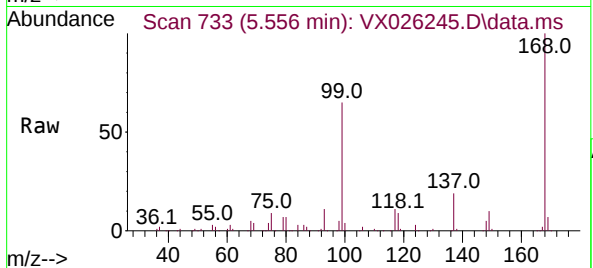
Tgt Ion:	43	Resp:	3316
Ion	Ratio	Lower	Upper
43	100		
72	19.8	21.0	31.4#



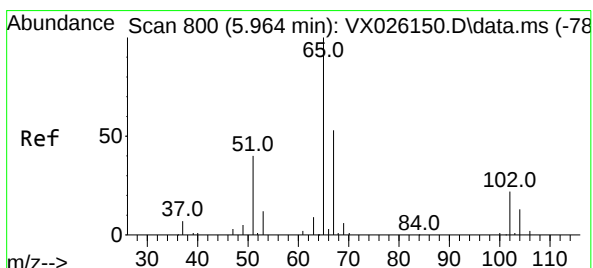
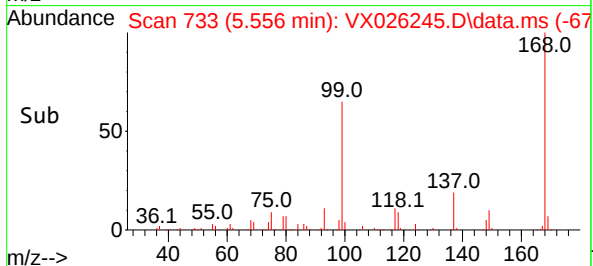
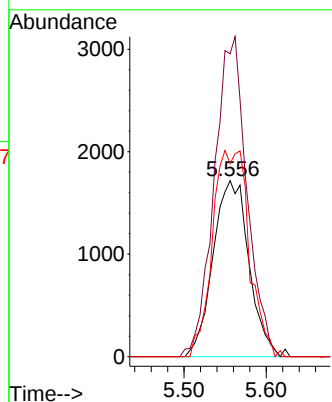


#31
Cyclohexane
Concen: 1.210 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX026245.D
Acq: 04 Jan 2022 01:38

Instrument :
MSVOA_X
ClientSampleId :

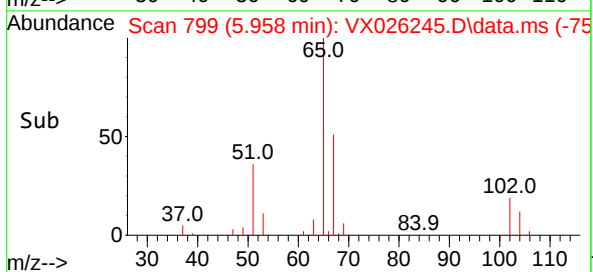
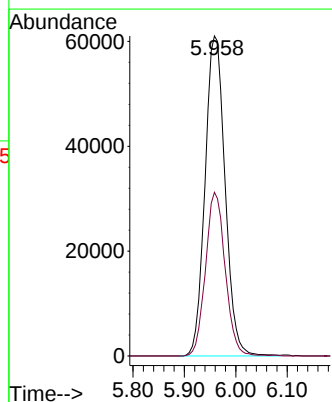
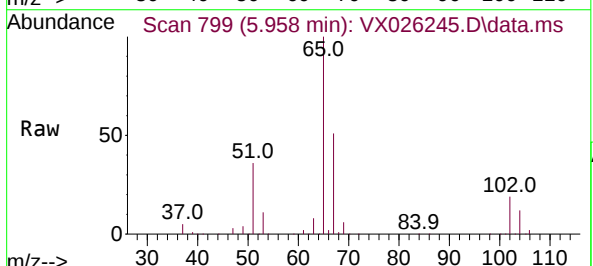


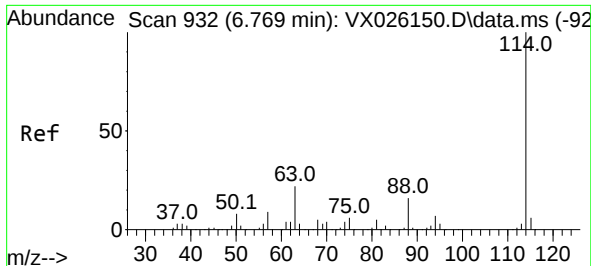
Tgt Ion: 56 Resp: 5199
Ion Ratio Lower Upper
56 100
69 172.2 23.9 35.9#
84 109.8 73.2 109.8



#33
1,2-Dichloroethane-d4
Concen: 54.789 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026245.D
Acq: 04 Jan 2022 01:38

Tgt Ion: 65 Resp: 165367
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.4

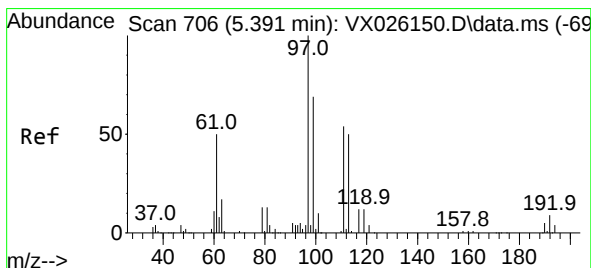
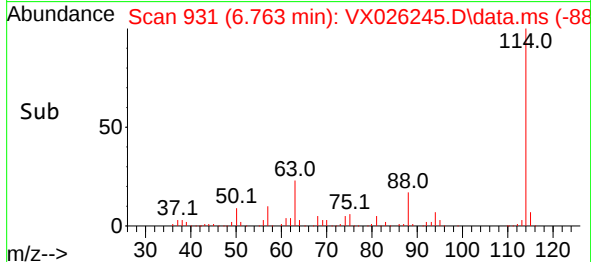
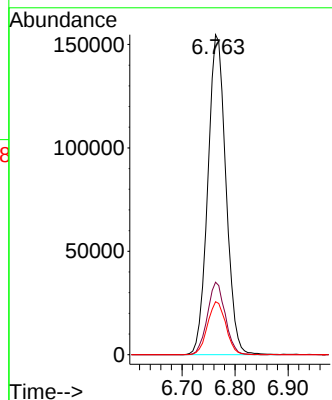
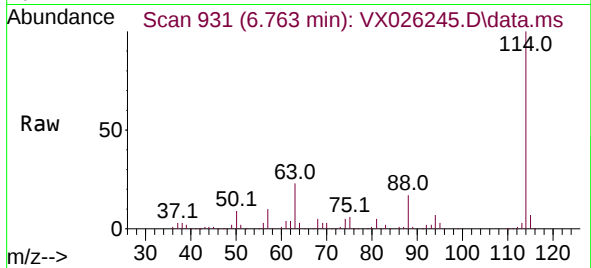




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026245.D
Acq: 04 Jan 2022 01:38

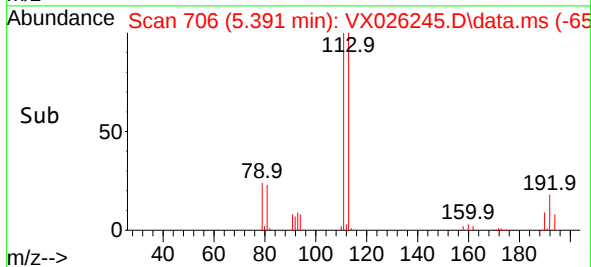
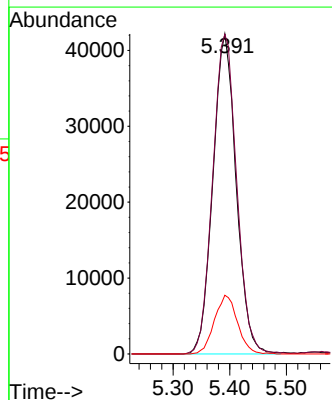
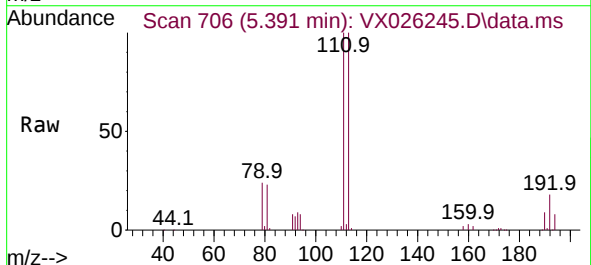
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MSVOA_X
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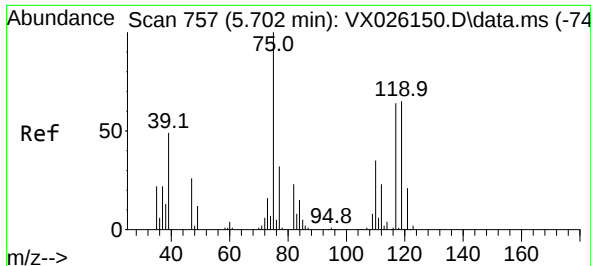
Tgt Ion:114 Resp: 366015
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.0
88 16.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.411 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026245.D
Acq: 04 Jan 2022 01:38

Tgt Ion:113 Resp: 119958
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 18.2 15.0 22.4

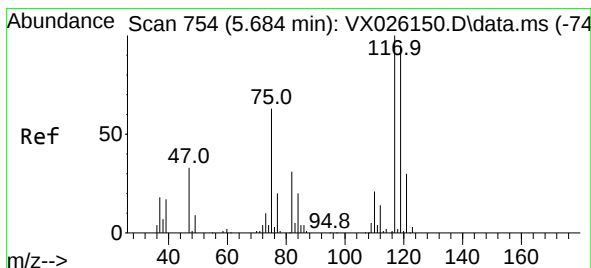
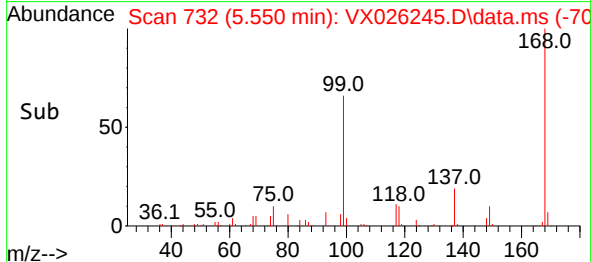
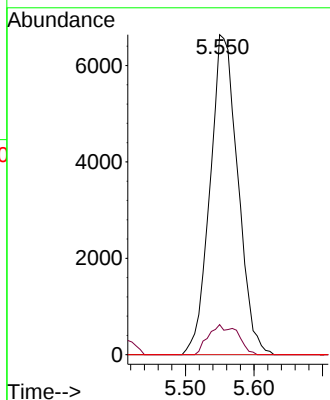
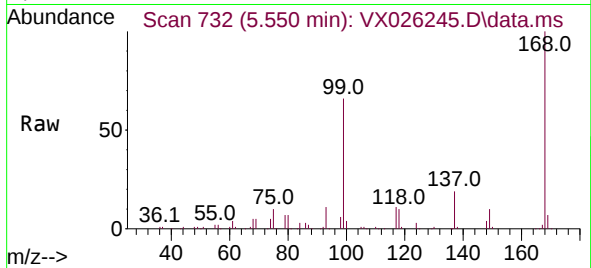




#36
 1,1-Dichloropropene
 Concen: 4.867 ug/l
 RT: 5.550 min Scan# 71
 Delta R.T. -0.152 min
 Lab File: VX026245.D
 Acq: 04 Jan 2022 01:38

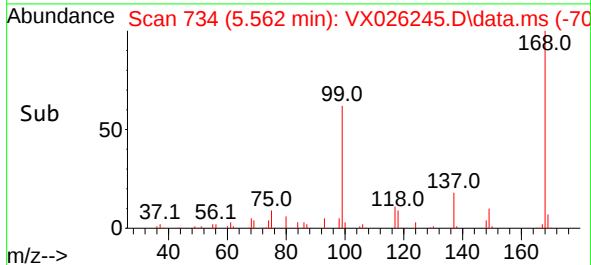
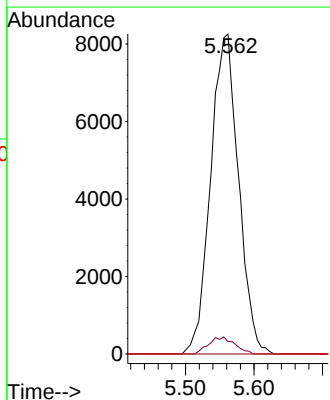
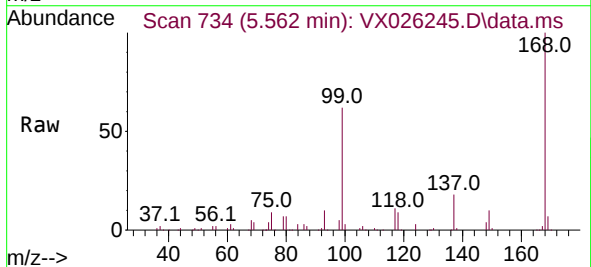
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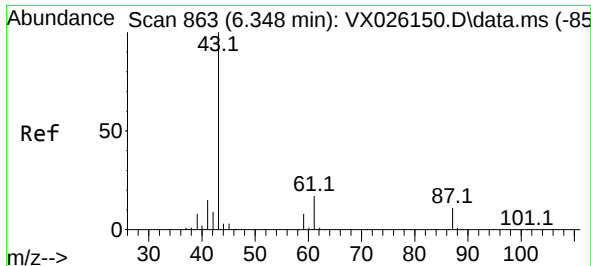
Tgt Ion: 75 Resp: 18678
 Ion Ratio Lower Upper
 75 100
 110 9.9 18.2 54.6#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.468 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. -0.122 min
 Lab File: VX026245.D
 Acq: 04 Jan 2022 01:38

Tgt Ion: 117 Resp: 23344
 Ion Ratio Lower Upper
 117 100
 119 3.8 77.2 115.8#
 121 0.0 23.8 35.8#

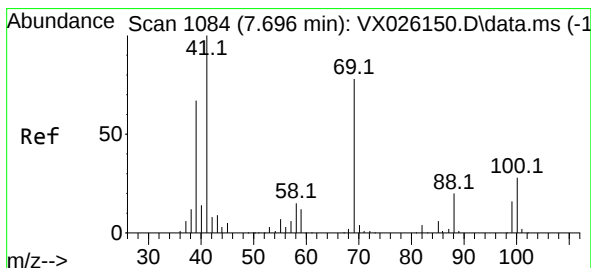
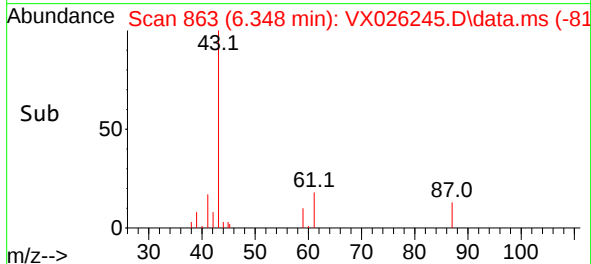
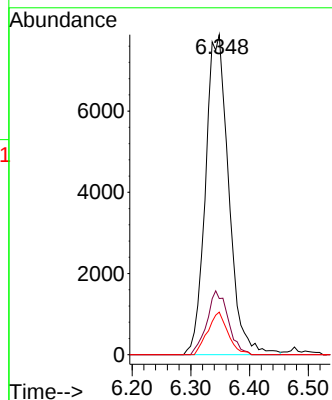
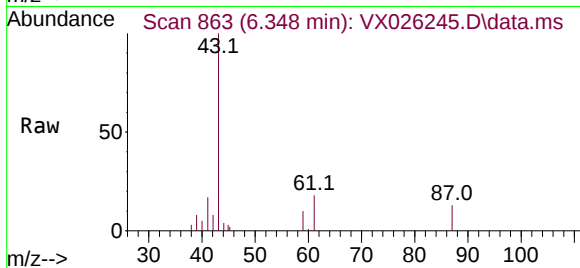




#43
Isopropyl Acetate
Concen: 2.980 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX026245.D
Acq: 04 Jan 2022 01:38

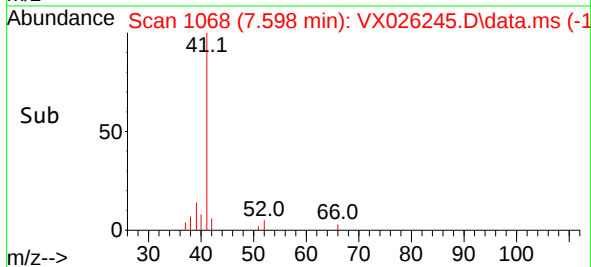
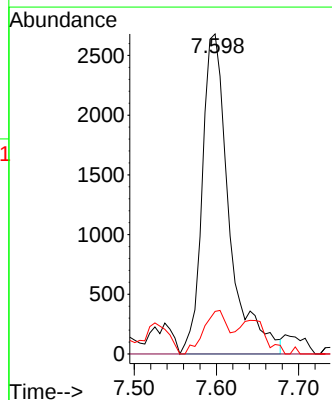
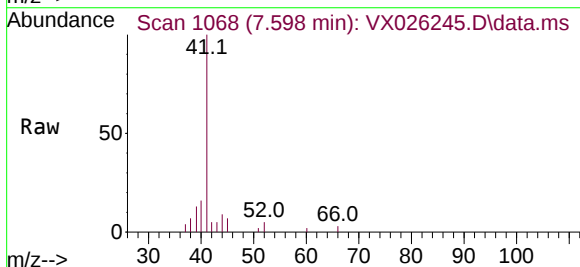
Instrument :
MSVOA_X
ClientSampleId :

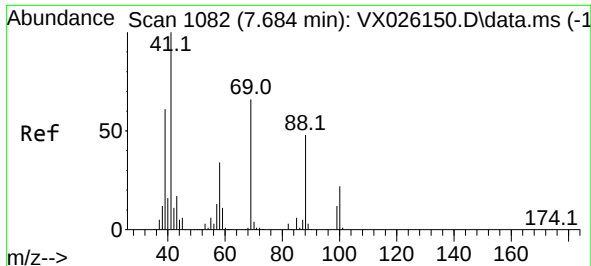
Tgt Ion: 43 Resp: 21616
Ion Ratio Lower Upper
43 100
61 18.4 15.7 23.5
87 11.6 11.2 16.8



#48
Methyl methacrylate
Concen: 1.758 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX026245.D
Acq: 04 Jan 2022 01:38

Tgt Ion: 41 Resp: 6114
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: 2.902 ug/l

RT: 7.806 min Scan# 1102

Delta R.T. 0.122 min

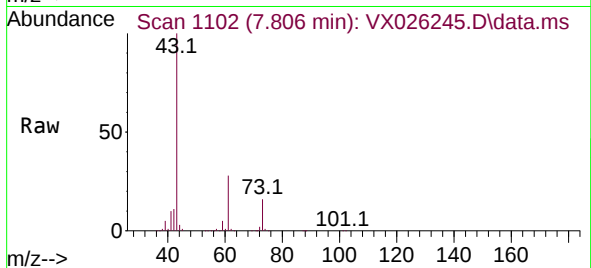
Lab File: VX026245.D

Acq: 04 Jan 2022 01:38

Instrument :

MSVOA_X

ClientSampleId :



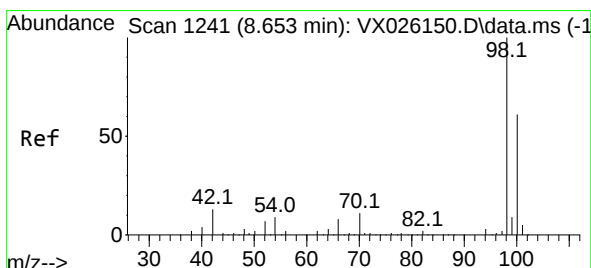
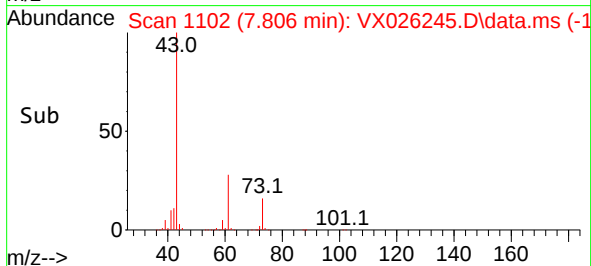
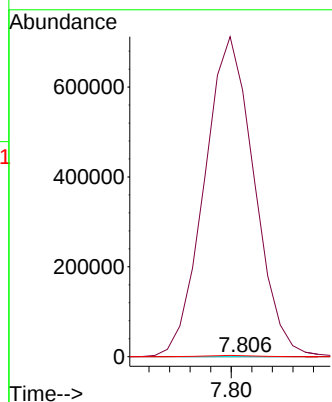
Tgt Ion: 88 Resp: 186

Ion Ratio Lower Upper

88 100

43 649935.5 25.3 37.9#

58 2574.2 51.8 77.6#



#50

Toluene-d8

Concen: 49.939 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026245.D

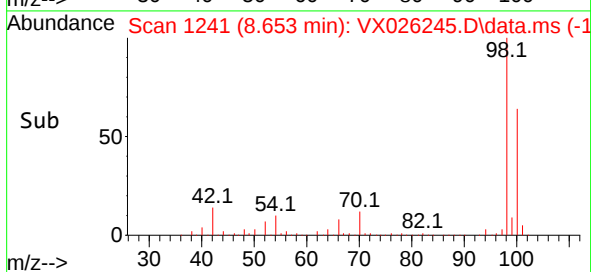
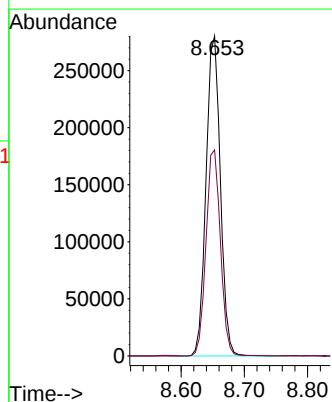
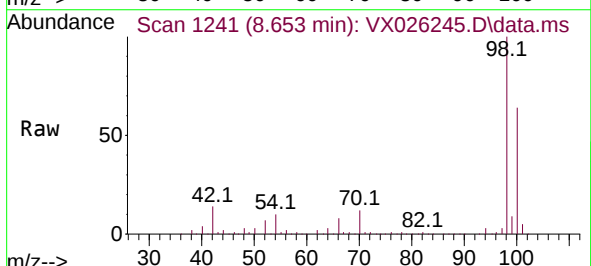
Acq: 04 Jan 2022 01:38

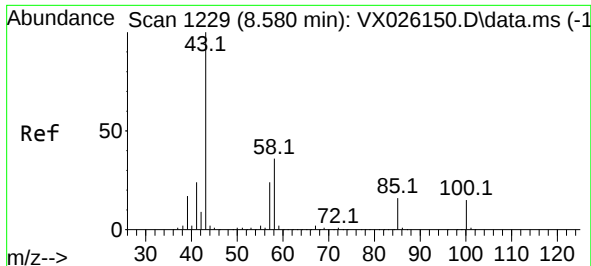
Tgt Ion: 98 Resp: 442021

Ion Ratio Lower Upper

98 100

100 65.0 52.6 78.8

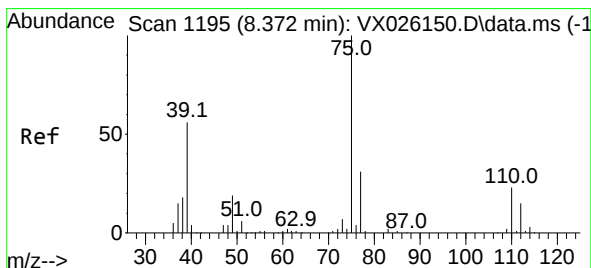
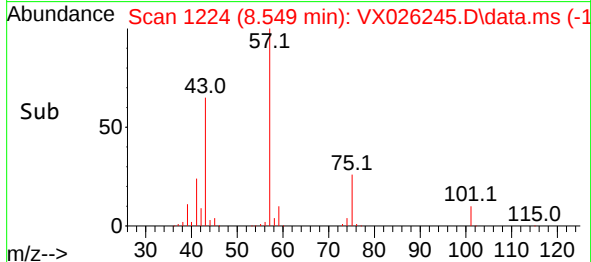
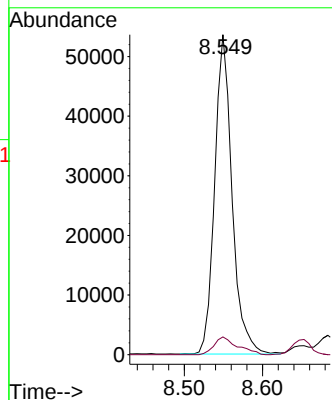
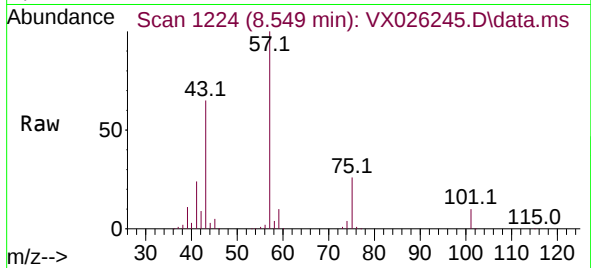




#51
4-Methyl-2-Pentanone
Concen: 18.327 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX026245.D
Acq: 04 Jan 2022 01:38

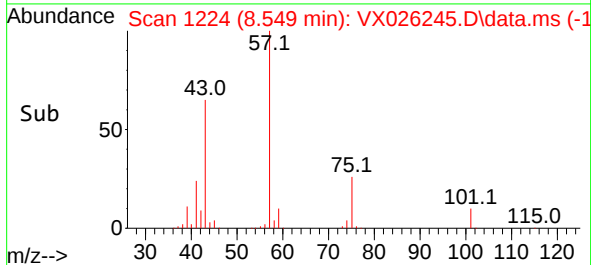
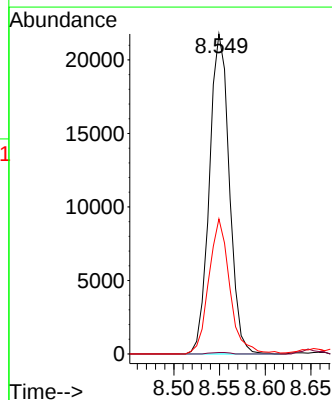
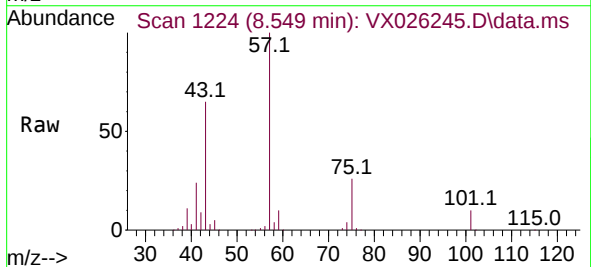
Instrument :
MSVOA_X
ClientSampleId :

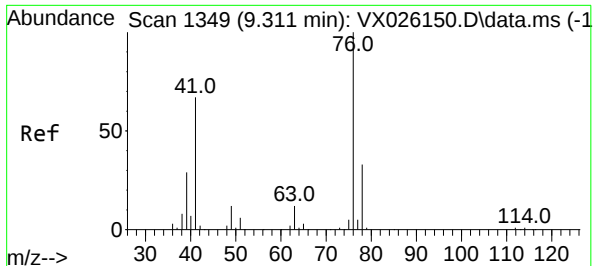
Tgt Ion: 43 Resp: 82717
Ion Ratio Lower Upper
43 100
58 7.5 30.8 46.2#



#54
cis-1,3-Dichloropropene
Concen: 7.379 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.177 min
Lab File: VX026245.D
Acq: 04 Jan 2022 01:38

Tgt Ion: 75 Resp: 32974
Ion Ratio Lower Upper
75 100
77 0.4 25.3 37.9#
39 42.2 41.4 62.0





#57

1,3-Dichloropropane

Concen: 4.234 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026245.D

Acq: 04 Jan 2022 01:38

Instrument :

MSVOA_X

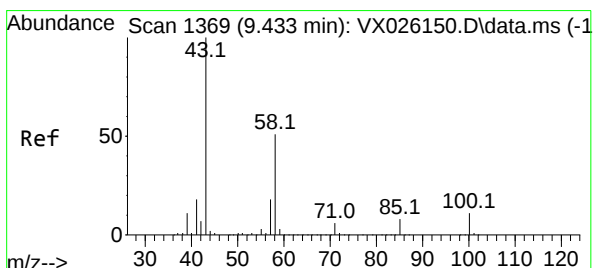
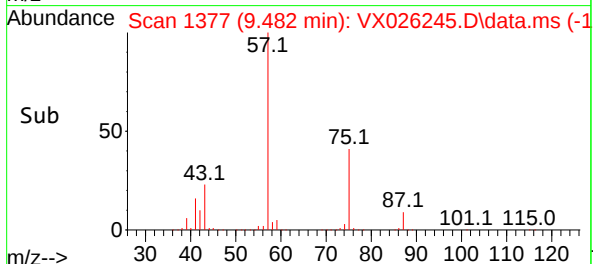
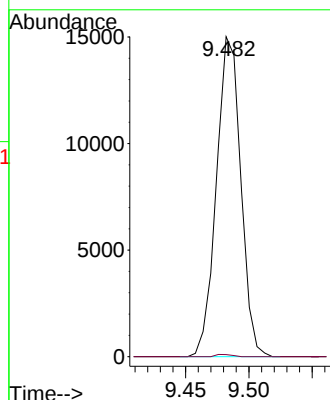
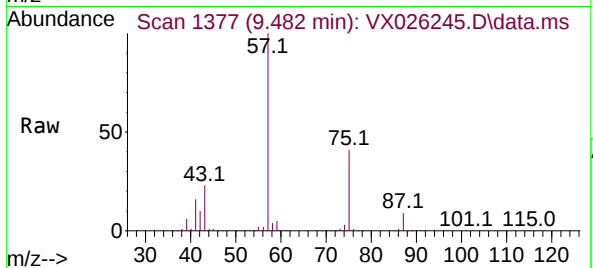
ClientSampleId :

Tgt Ion: 76 Resp: 20099

Ion Ratio Lower Upper

76 100

78 0.5 26.0 39.0#



#59

2-Hexanone

Concen: 3.053 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.055 min

Lab File: VX026245.D

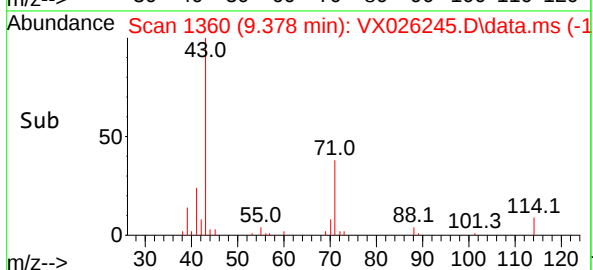
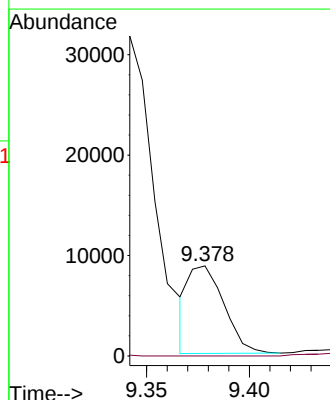
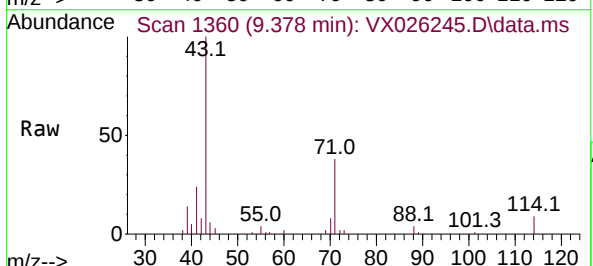
Acq: 04 Jan 2022 01:38

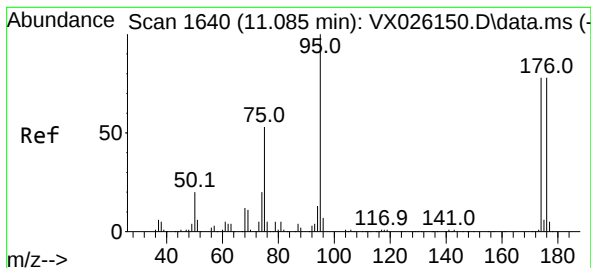
Tgt Ion: 43 Resp: 10438

Ion Ratio Lower Upper

43 100

58 0.0 26.9 80.6#

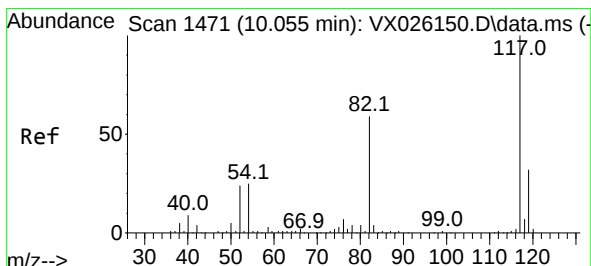
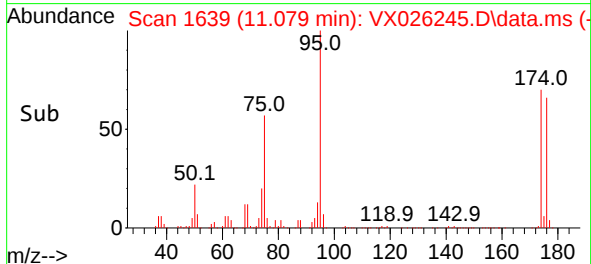
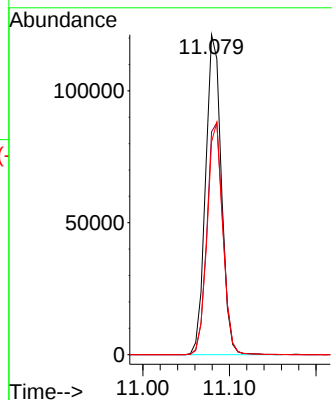
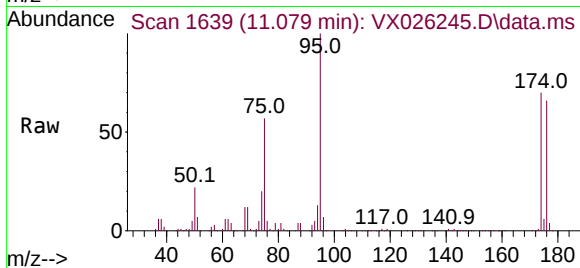




#62
4-Bromofluorobenzene
Concen: 48.592 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX026245.D
Acq: 04 Jan 2022 01:38

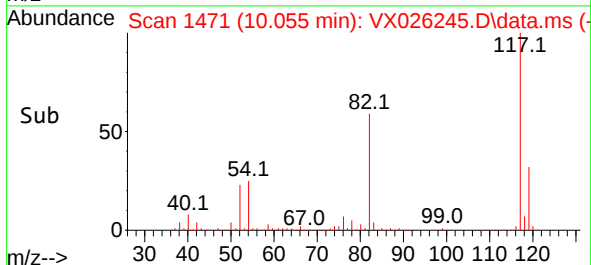
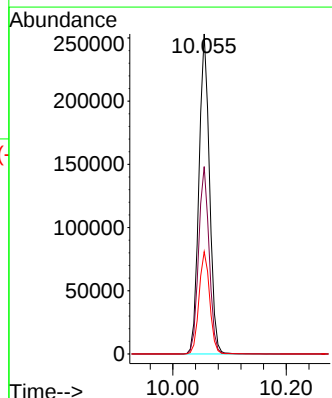
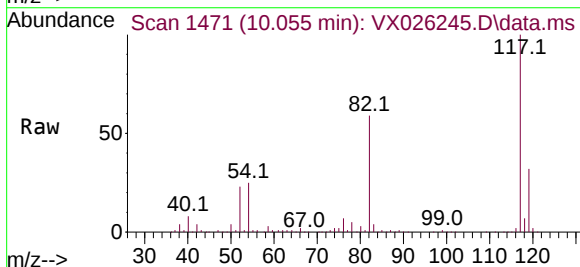
Instrument :
MSVOA_X
ClientSampleId :

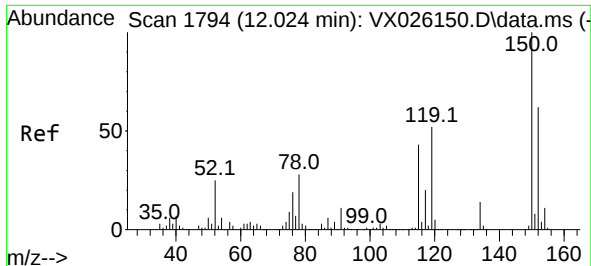
Tgt Ion: 95 Resp: 153107
Ion Ratio Lower Upper
95 100
174 73.6 0.0 157.4
176 71.9 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026245.D
Acq: 04 Jan 2022 01:38

Tgt Ion: 117 Resp: 326553
Ion Ratio Lower Upper
117 100
82 58.5 43.8 65.6
119 32.0 25.2 37.8

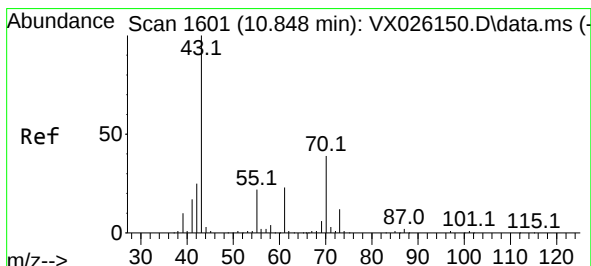
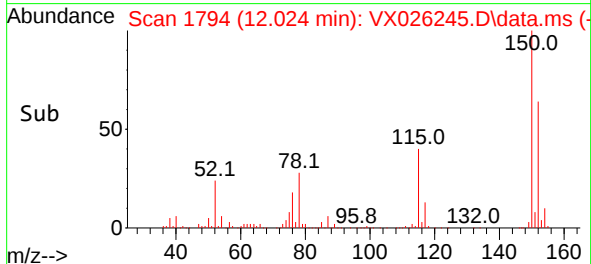
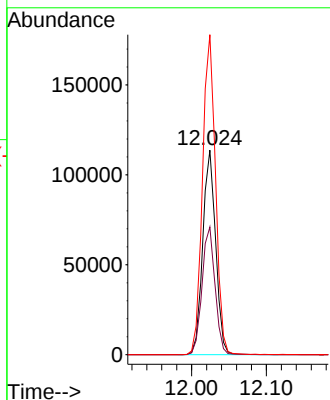
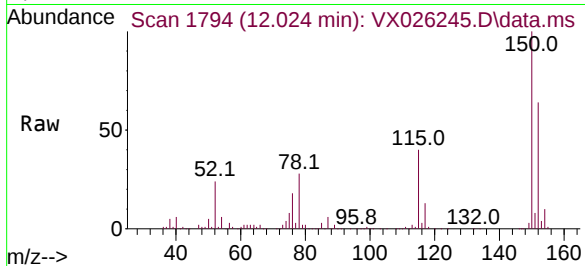




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026245.D
Acq: 04 Jan 2022 01:38

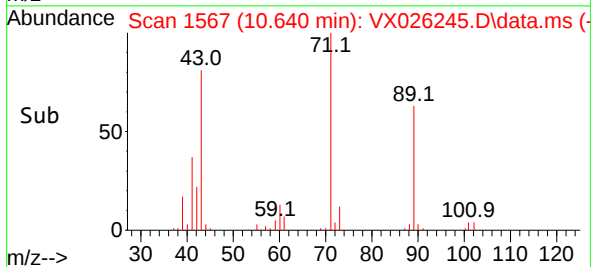
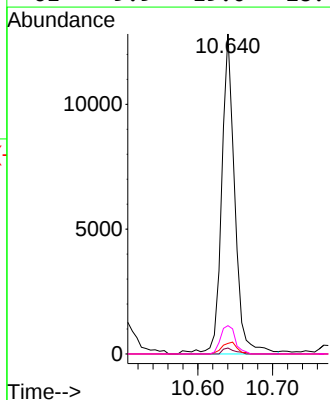
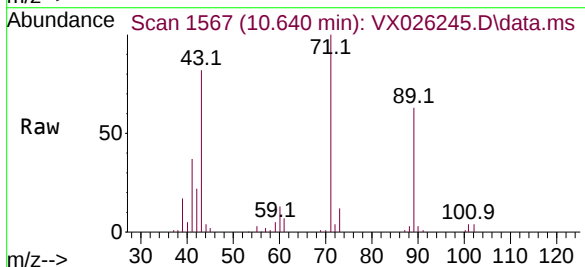
Instrument :
MSVOA_X
ClientSampleId :

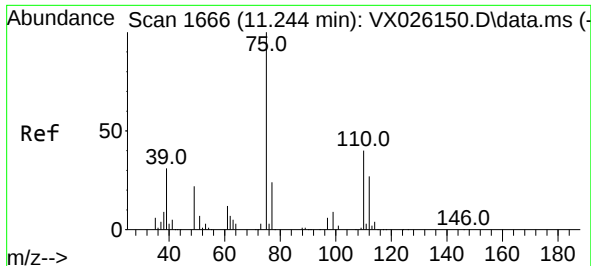
Tgt Ion:152 Resp: 136202
Ion Ratio Lower Upper
152 100
115 63.0 41.3 123.9
150 158.3 0.0 351.8



#74
N-ethyl acetate
Concen: 3.237 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.208 min
Lab File: VX026245.D
Acq: 04 Jan 2022 01:38

Tgt Ion: 43 Resp: 15734
Ion Ratio Lower Upper
43 100
70 1.7 34.1 51.1#
55 4.2 19.2 28.8#
61 9.9 19.0 28.4#

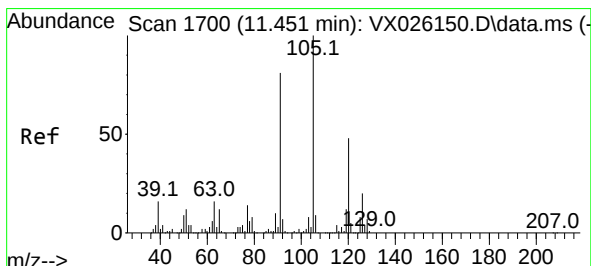
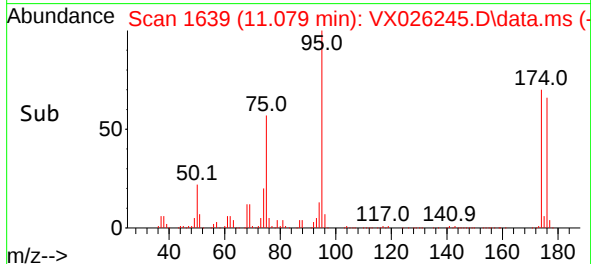
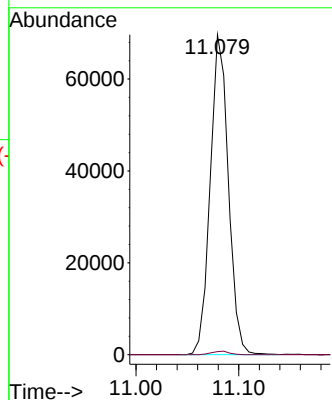
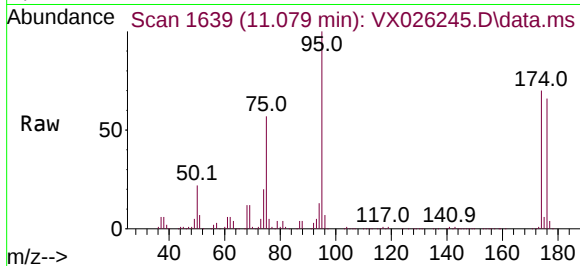




#76
1,2,3-Trichloropropane
Concen: 25.961 ug/l
RT: 11.079 min Scan# 1666
Delta R.T. -0.165 min
Lab File: VX026245.D
Acq: 04 Jan 2022 01:38

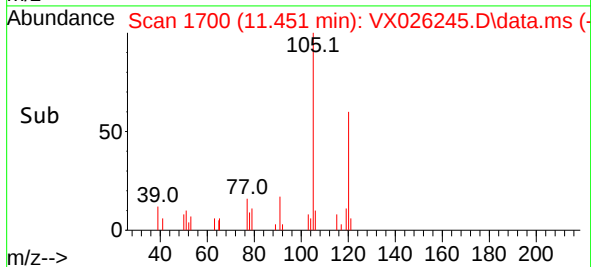
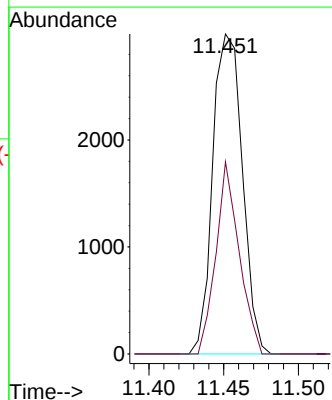
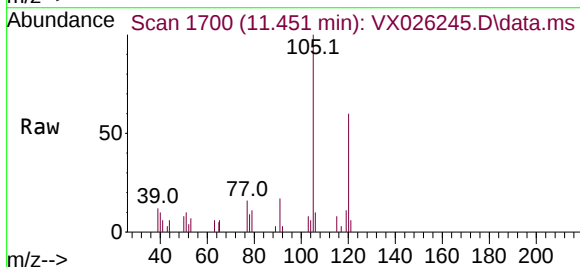
Instrument :
MSVOA_X
ClientSampleId :

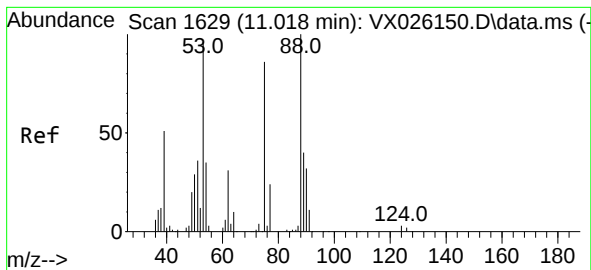
Tgt Ion: 75 Resp: 85350
Ion Ratio Lower Upper
75 100
77 1.0 19.0 57.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.469 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026245.D
Acq: 04 Jan 2022 01:38

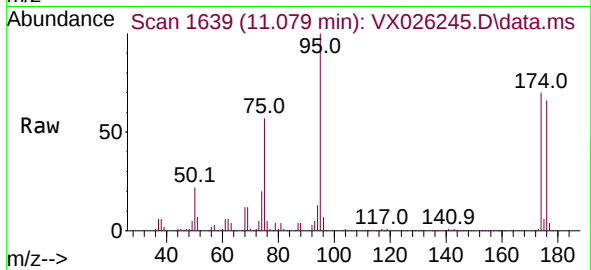
Tgt Ion: 105 Resp: 4122
Ion Ratio Lower Upper
105 100
120 47.0 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 75.106 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026245.D
Acq: 04 Jan 2022 01:38

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 85350
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

