

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026206.D
 Acq On : 31 Dec 2021 06:44
 Operator : JC/MD
 Sample : PB141758ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB141758ZHE#07

Quant Time: Dec 31 21:37:35 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)

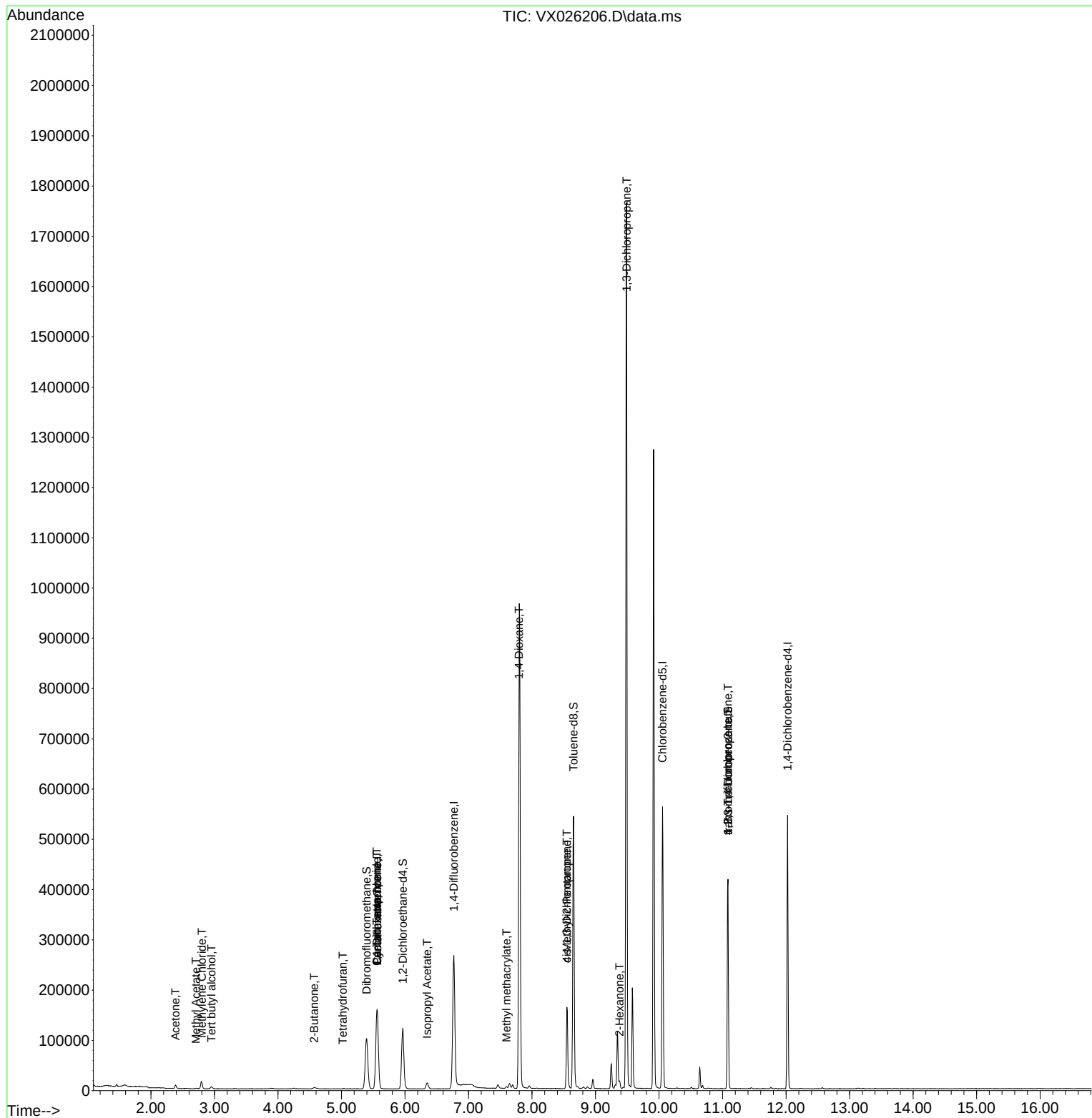
Internal Standards						
1) Pentafluorobenzene	5.562	168	141244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	248846	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111198	54.419	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 108.840%		
35) Dibromofluoromethane	5.397	113	85097	52.600	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.200%		
50) Toluene-d8	8.653	98	301668	50.130	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.260%		
62) 4-Bromofluorobenzene	11.085	95	103681	48.399	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 96.800%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	2682	6.571	ug/l #	73
16) Acetone	2.386	43	8021	7.245	ug/l	96
18) Methyl Acetate	2.709	43	1525	0.425	ug/l #	74
20) Methylene Chloride	2.800	84	5795	2.373	ug/l	93
25) 2-Butanone	4.568	43	4248	2.754	ug/l	92
29) Tetrahydrofuran	5.019	42	204	0.210	ug/l #	32
31) Cyclohexane	5.562	56	3907	1.343	ug/l #	32
36) 1,1-Dichloropropene	5.556	75	12978	4.974	ug/l #	49
38) Carbon Tetrachloride	5.556	117	15959	5.498	ug/l #	16
43) Isopropyl Acetate	6.348	43	16515	3.349	ug/l	95
48) Methyl methacrylate	7.598	41	4810	2.034	ug/l #	12
49) 1,4-Dioxane	7.793	88	27	0.620	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	60886	19.842	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	23495	7.733	ug/l #	70
57) 1,3-Dichloropropane	9.488	76	14868	4.606	ug/l #	43
59) 2-Hexanone	9.378	43	8142	3.503	ug/l #	25
76) 1,2,3-Trichloropropane	11.085	75	58740	24.791	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	58740	71.722	ug/l #	10

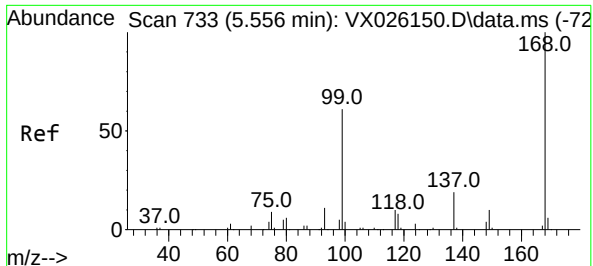
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Dec 31 21:37:35 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

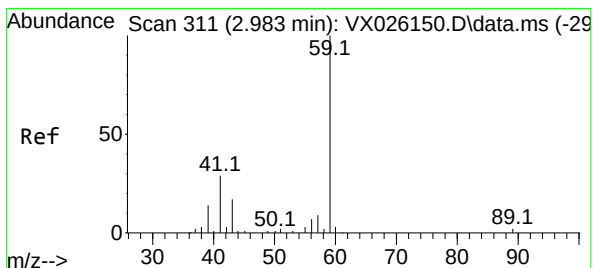
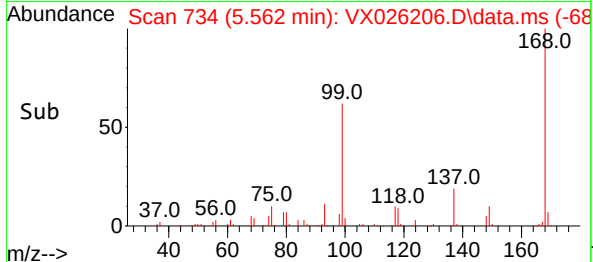
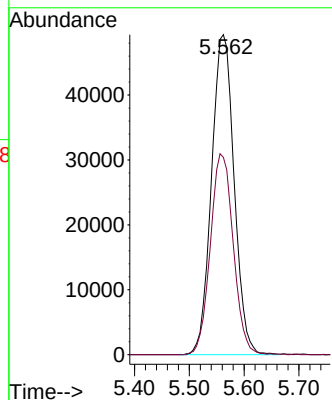
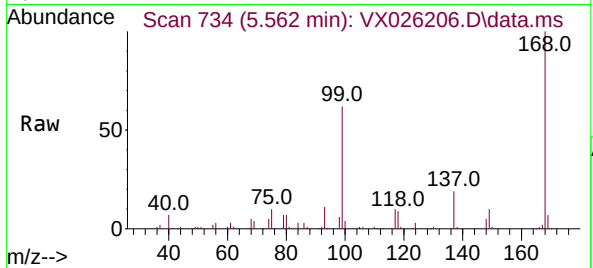




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026206.D
Acq: 31 Dec 2021 06:44

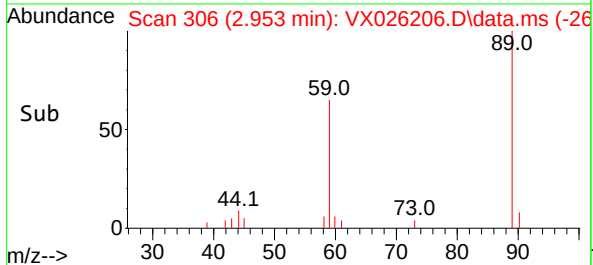
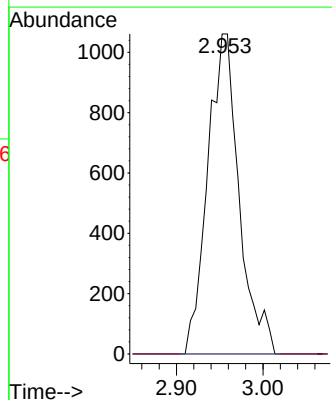
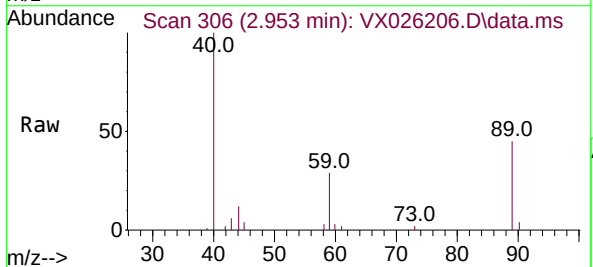
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#07

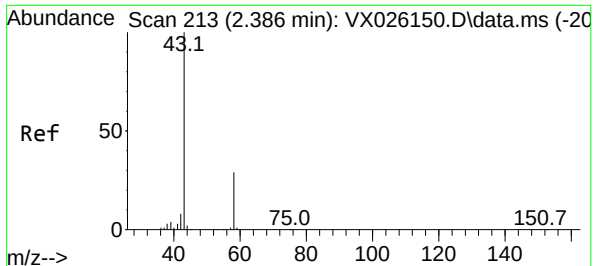
Tgt Ion:168 Resp: 141244
Ion Ratio Lower Upper
168 100
99 61.7 45.8 68.8



#11
Tert butyl alcohol
Concen: 6.571 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX026206.D
Acq: 31 Dec 2021 06:44

Tgt Ion: 59 Resp: 2682
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

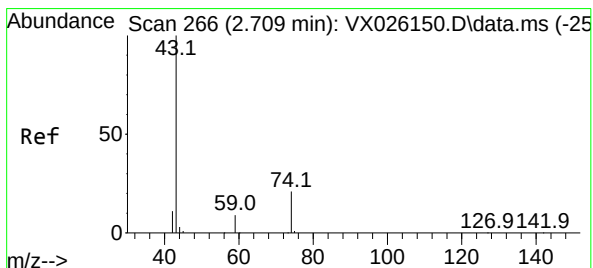
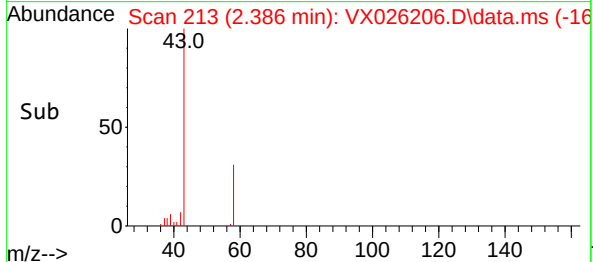
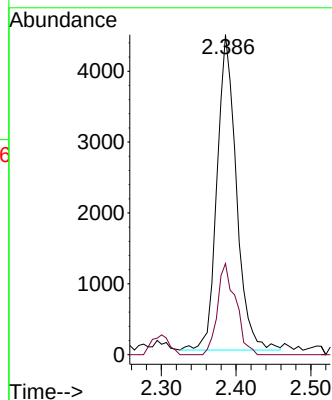
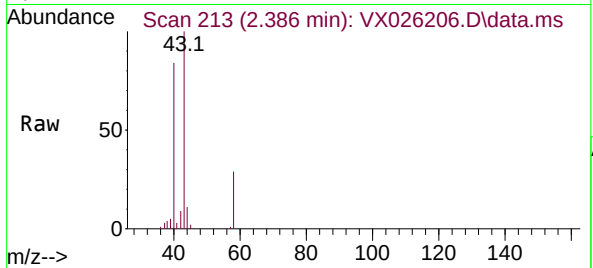




#16
Acetone
Concen: 7.245 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026206.D
Acq: 31 Dec 2021 06:44

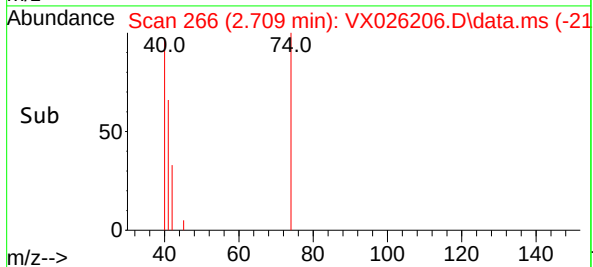
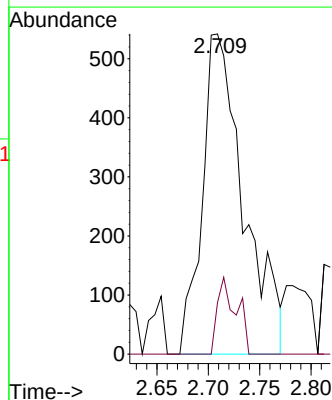
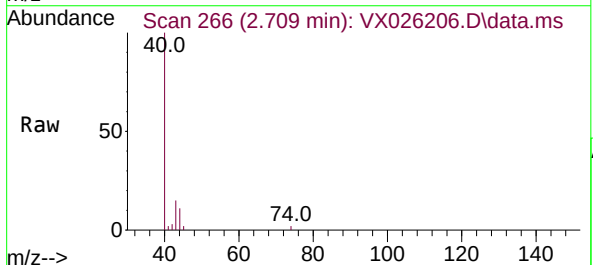
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#07

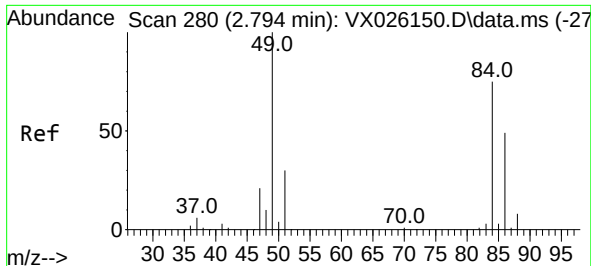
Tgt Ion: 43 Resp: 8021
Ion Ratio Lower Upper
43 100
58 28.9 24.8 37.2



#18
Methyl Acetate
Concen: 0.425 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026206.D
Acq: 31 Dec 2021 06:44

Tgt Ion: 43 Resp: 1525
Ion Ratio Lower Upper
43 100
74 10.9 19.1 28.7#

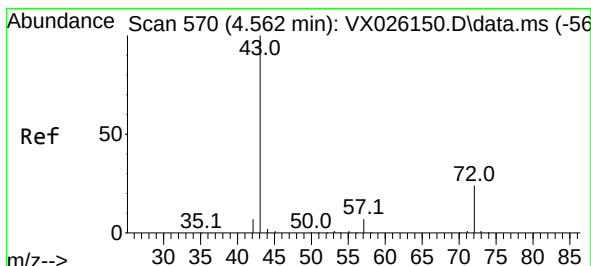
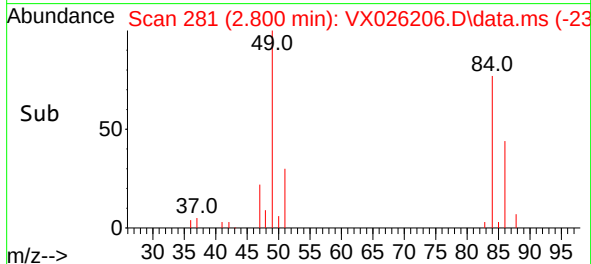
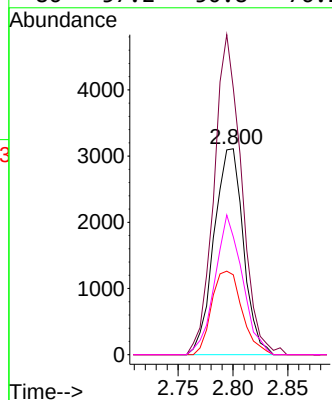
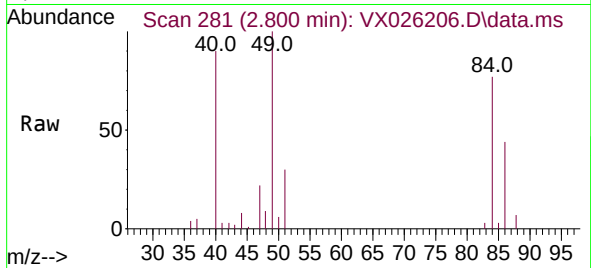




#20
Methylene Chloride
Concen: 2.373 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026206.D
Acq: 31 Dec 2021 06:44

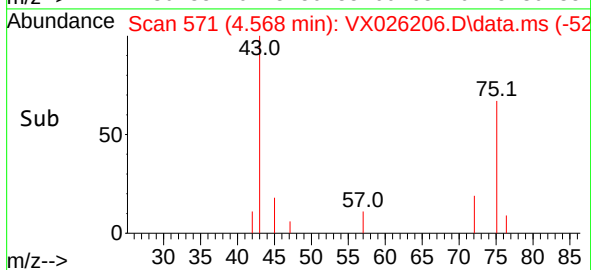
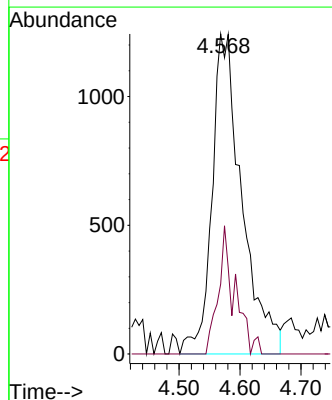
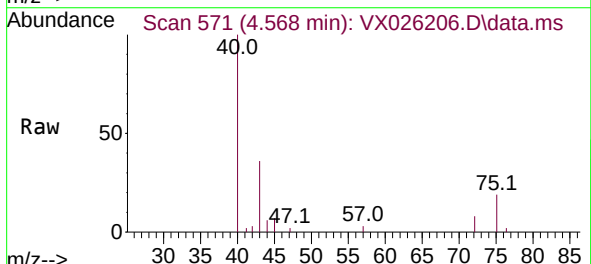
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#07

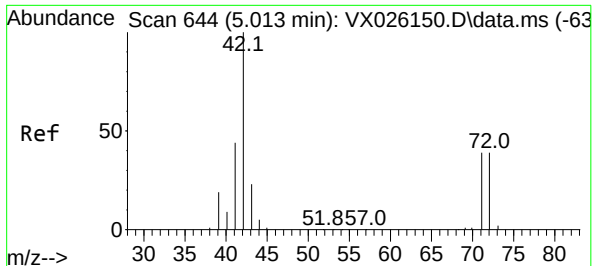
Tgt Ion:	84	Resp:	5795
Ion	Ratio	Lower	Upper
84	100		
49	129.3	97.1	145.7
51	38.7	29.3	43.9
86	57.2	50.8	76.2



#25
2-Butanone
Concen: 2.754 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX026206.D
Acq: 31 Dec 2021 06:44

Tgt Ion:	43	Resp:	4248
Ion	Ratio	Lower	Upper
43	100		
72	21.9	21.0	31.4





#29

Tetrahydrofuran

Concen: 0.210 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX026206.D

Acq: 31 Dec 2021 06:44

Instrument :

MSVOA_X

ClientSampleId :

PB141758ZHE#07

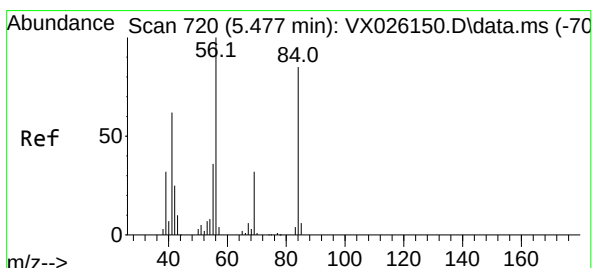
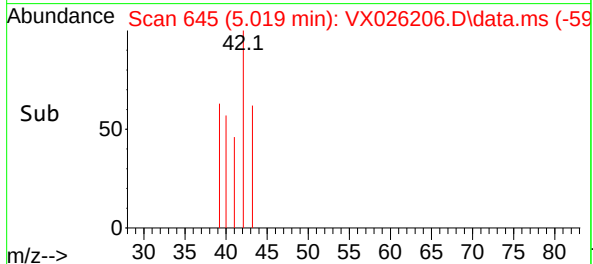
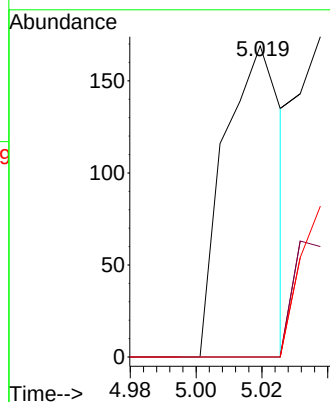
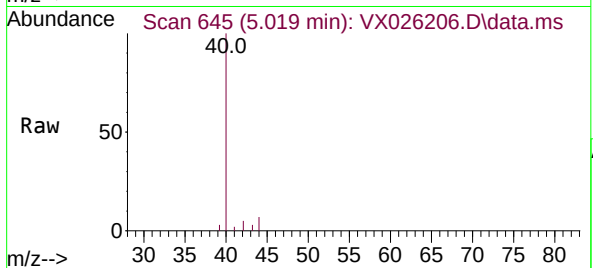
Tgt Ion: 42 Resp: 204

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: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX026206.D

Acq: 31 Dec 2021 06:44

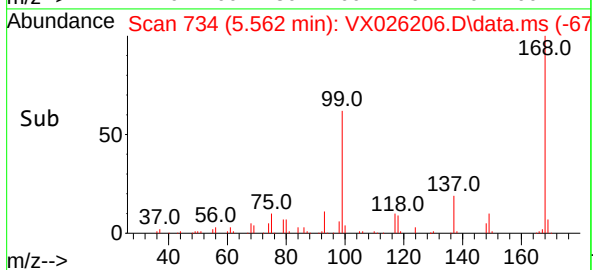
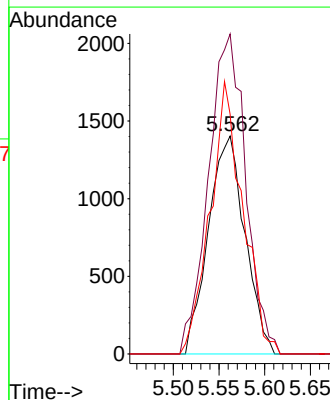
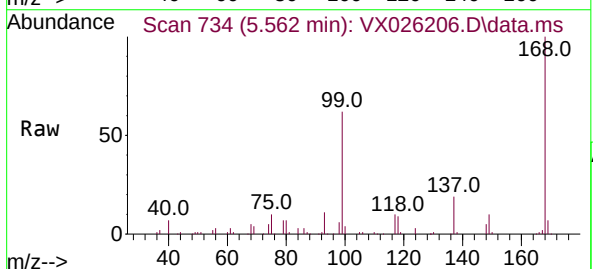
Tgt Ion: 56 Resp: 3907

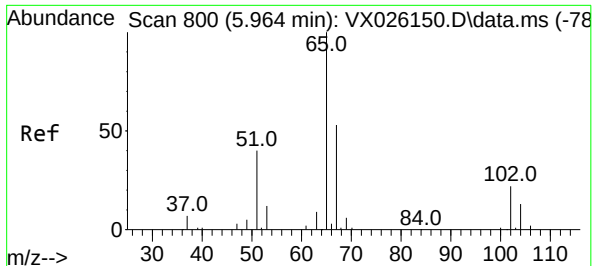
Ion Ratio Lower Upper

56 100

69 146.8 23.9 35.9#

84 110.0 73.2 109.8#

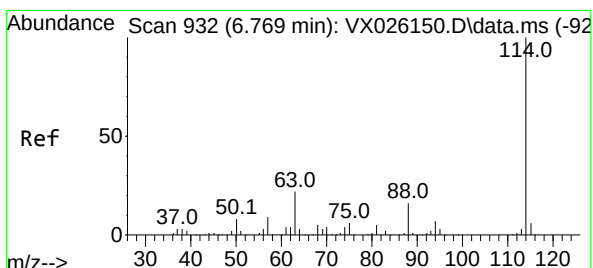
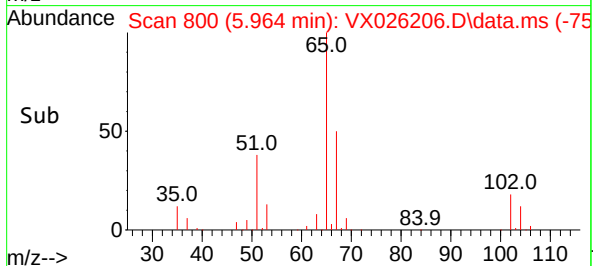
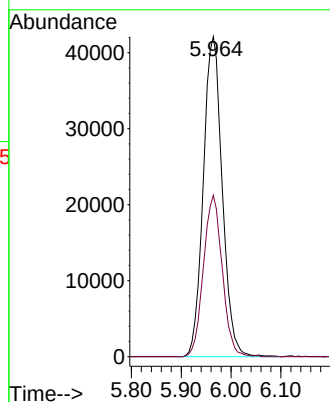
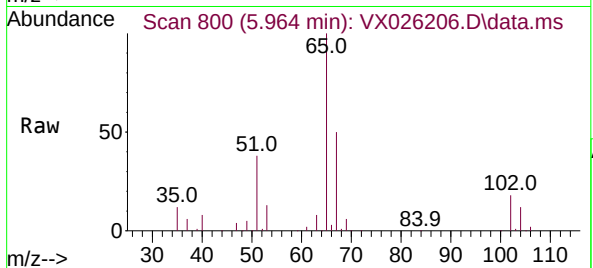




#33
 1,2-Dichloroethane-d4
 Concen: 54.419 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX026206.D
 Acq: 31 Dec 2021 06:44

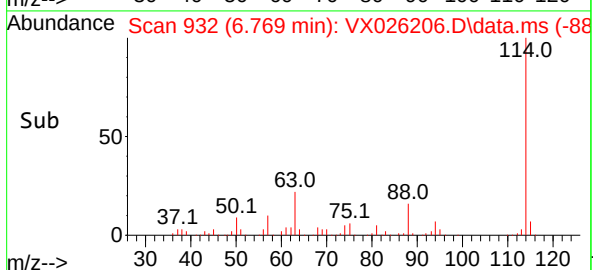
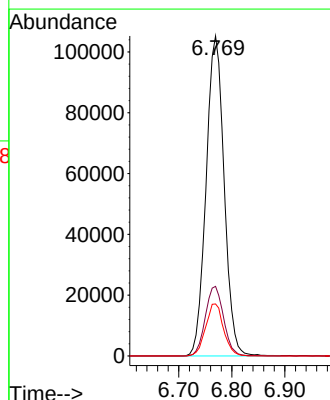
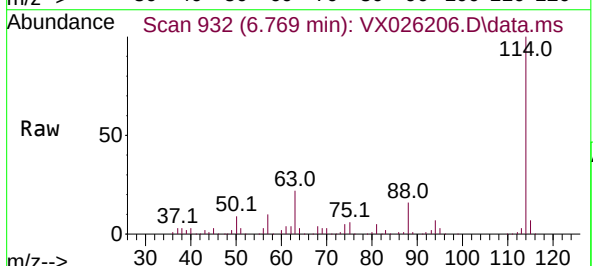
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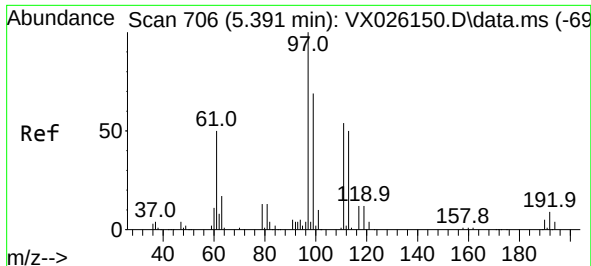
Tgt Ion: 65 Resp: 111198
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX026206.D
 Acq: 31 Dec 2021 06:44

Tgt Ion: 114 Resp: 248846
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 40.0
 88 16.2 0.0 30.6

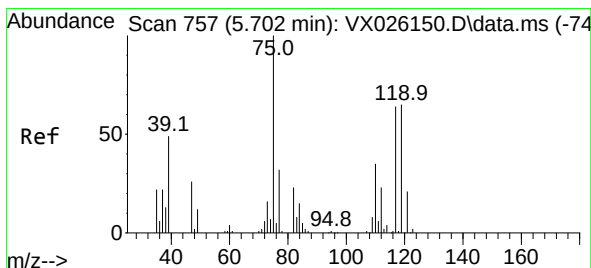
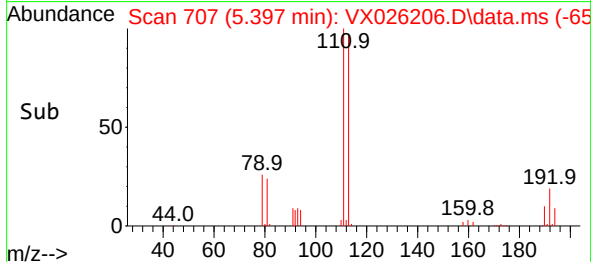
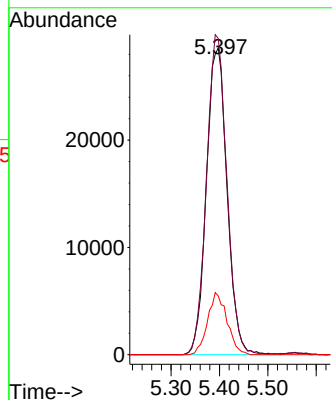
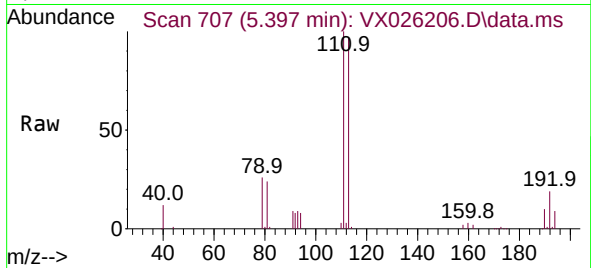




#35
Dibromofluoromethane
Concen: 52.600 ug/l
RT: 5.397 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX026206.D
Acq: 31 Dec 2021 06:44

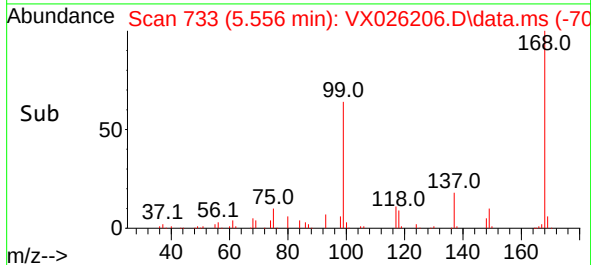
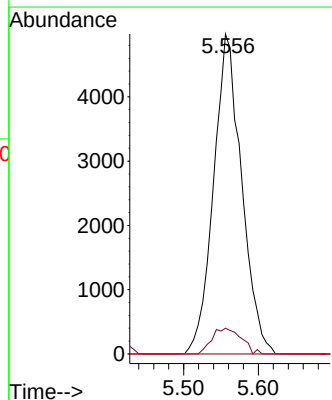
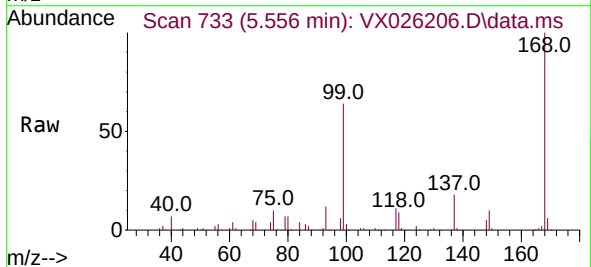
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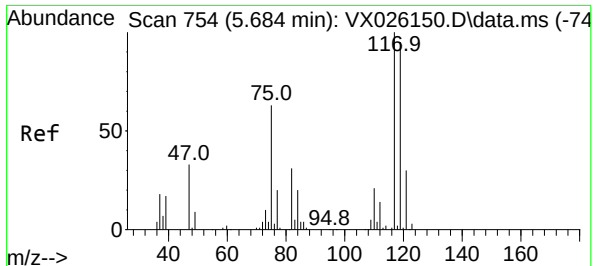
Tgt Ion:113 Resp: 85097
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.8
192 19.0 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.974 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX026206.D
Acq: 31 Dec 2021 06:44

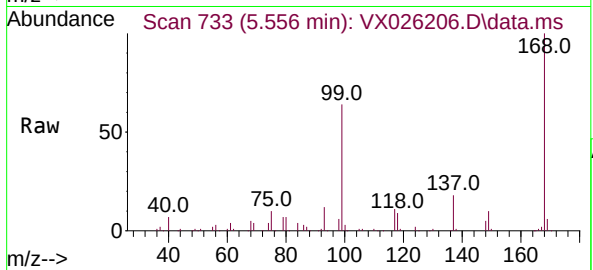
Tgt Ion: 75 Resp: 12978
Ion Ratio Lower Upper
75 100
110 8.5 18.2 54.6#
77 0.0 24.7 37.1#



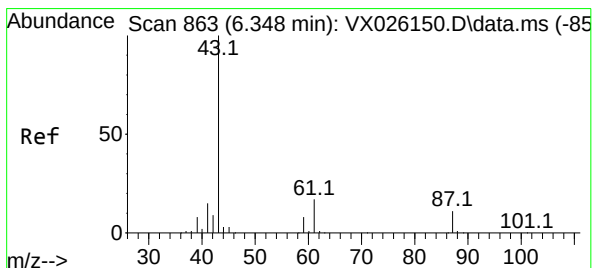
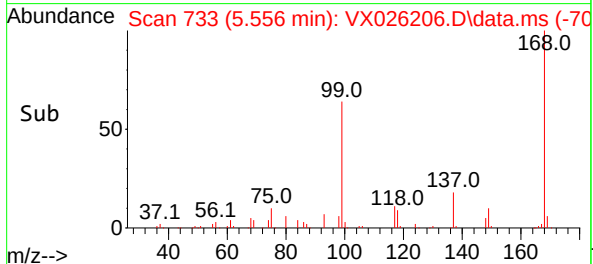
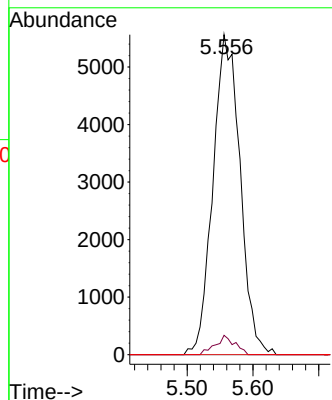


#38
Carbon Tetrachloride
Concen: 5.498 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026206.D
Acq: 31 Dec 2021 06:44

Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#07

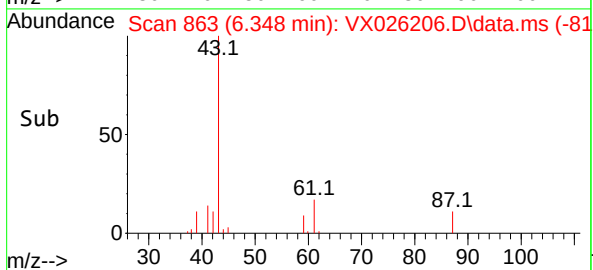
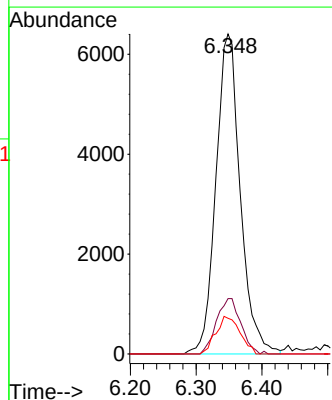
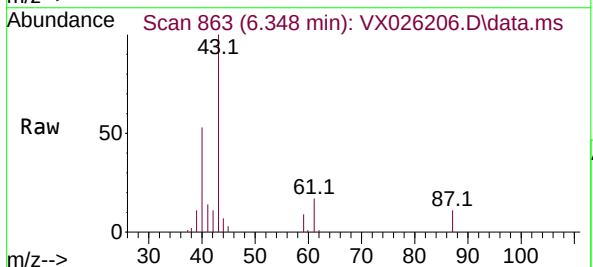


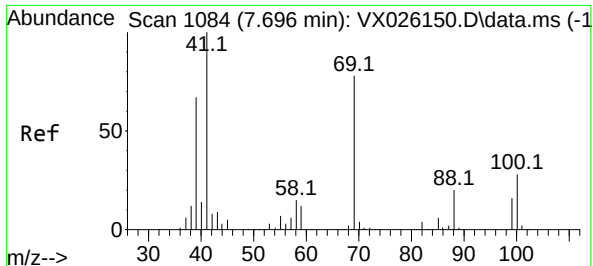
Tgt Ion:117 Resp: 15959
Ion Ratio Lower Upper
117 100
119 6.0 77.2 115.8#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 3.349 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX026206.D
Acq: 31 Dec 2021 06:44

Tgt Ion: 43 Resp: 16515
Ion Ratio Lower Upper
43 100
61 17.3 15.7 23.5
87 11.6 11.2 16.8

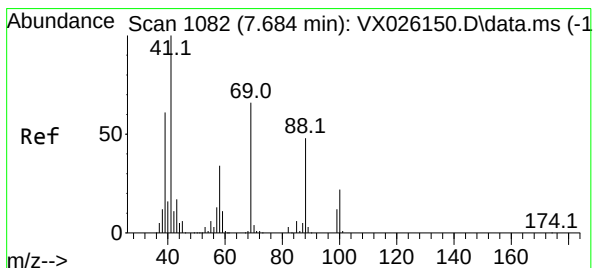
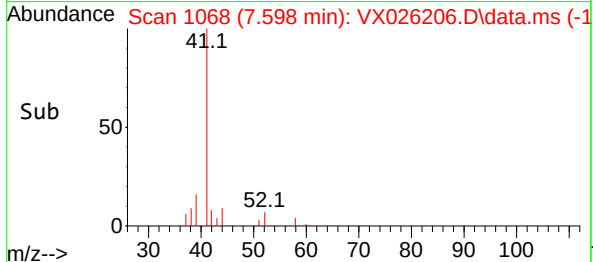
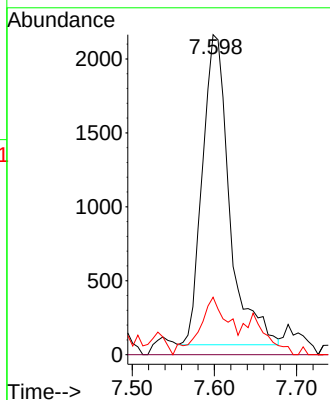
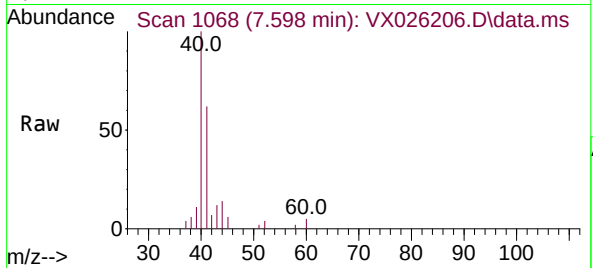




#48
Methyl methacrylate
Concen: 2.034 ug/l
RT: 7.598 min Scan# 1100
Delta R.T. -0.098 min
Lab File: VX026206.D
Acq: 31 Dec 2021 06:44

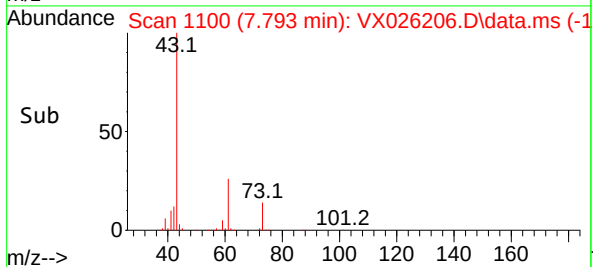
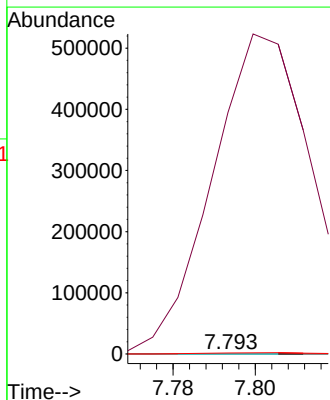
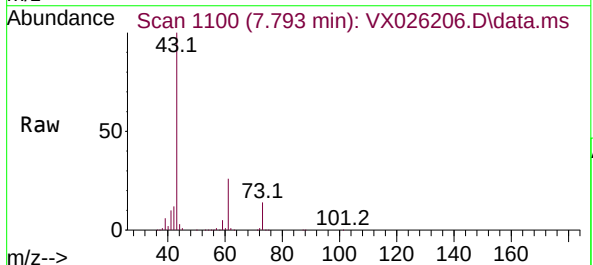
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#07

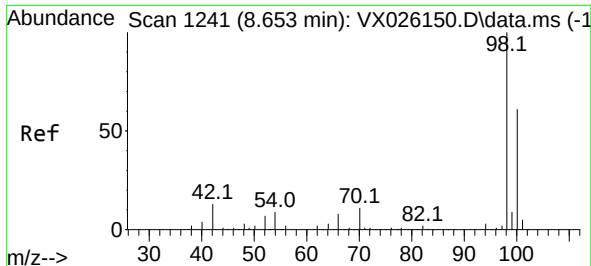
Tgt Ion: 41 Resp: 4810
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 0.0 50.2 75.2#



#49
1,4-Dioxane
Concen: 0.620 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.109 min
Lab File: VX026206.D
Acq: 31 Dec 2021 06:44

Tgt Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
43 3356863.0 25.3 37.9#
58 13918.5 51.8 77.6#

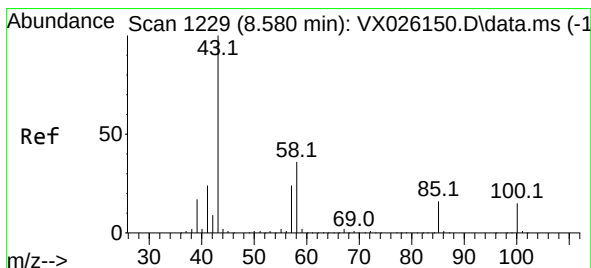
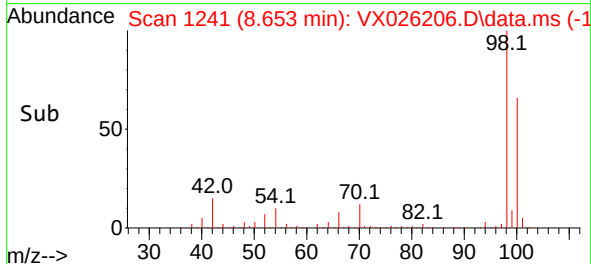
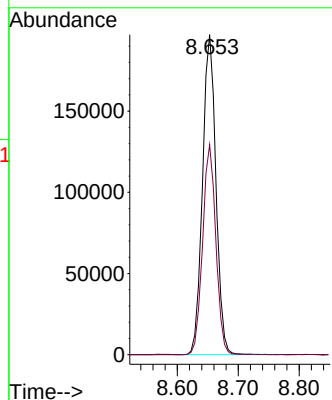
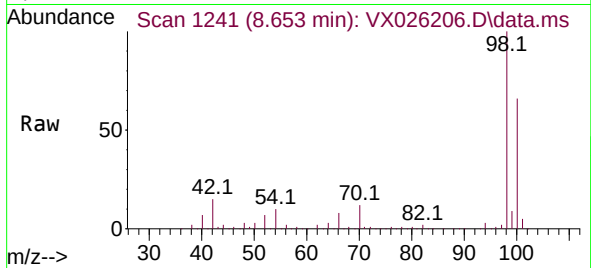




#50
Toluene-d8
Concen: 50.130 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026206.D
Acq: 31 Dec 2021 06:44

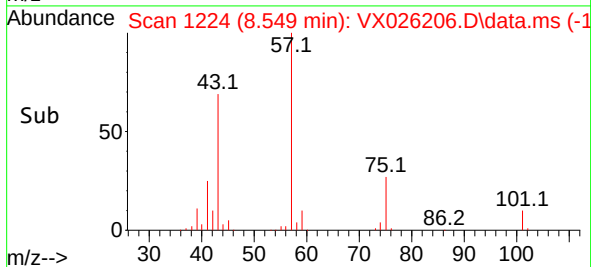
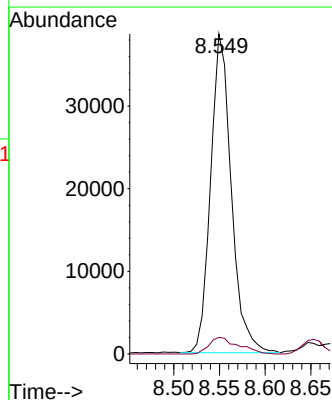
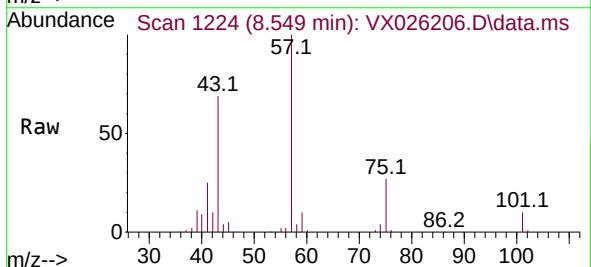
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#07

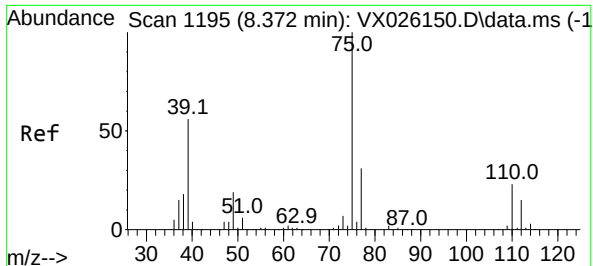
Tgt Ion: 98 Resp: 301668
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 19.842 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX026206.D
Acq: 31 Dec 2021 06:44

Tgt Ion: 43 Resp: 60886
Ion Ratio Lower Upper
43 100
58 7.4 30.8 46.2#

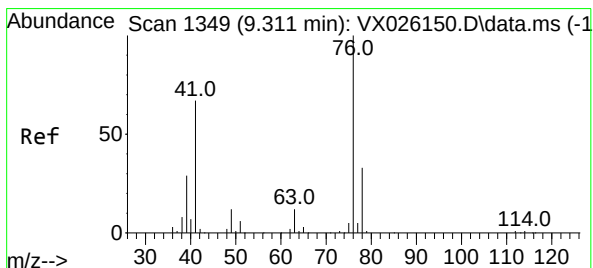
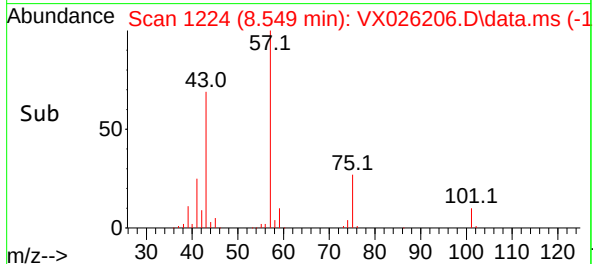
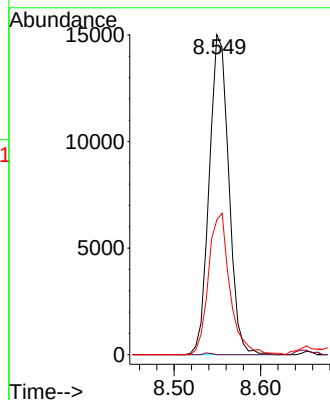
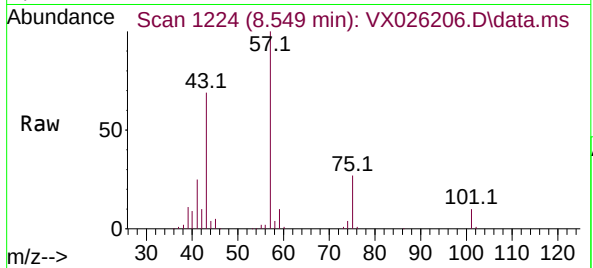




#54
 cis-1,3-Dichloropropene
 Concen: 7.733 ug/l
 RT: 8.549 min Scan# 1195
 Delta R.T. 0.177 min
 Lab File: VX026206.D
 Acq: 31 Dec 2021 06:44

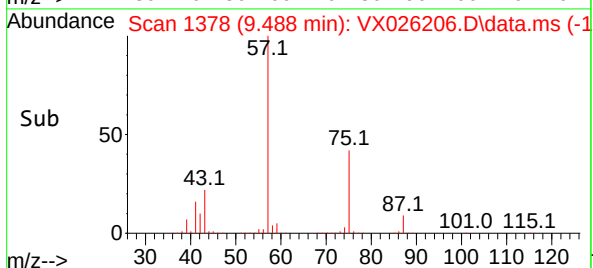
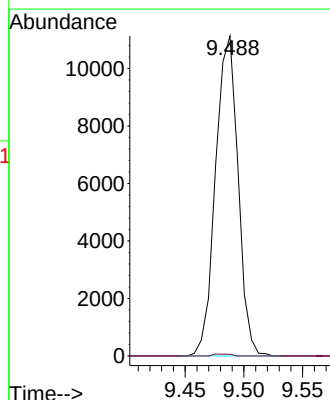
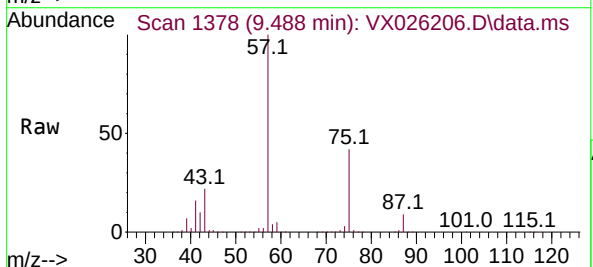
Instrument :
 MSVOA_X
 ClientSampleId :
 PB141758ZHE#07

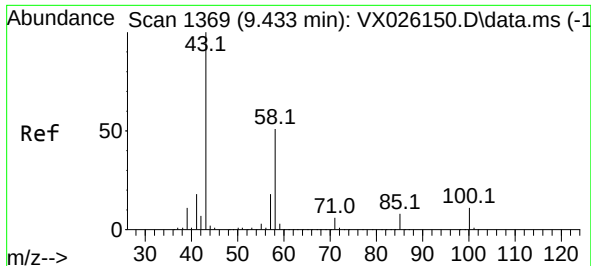
Tgt Ion: 75 Resp: 23495
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.3 37.9#
 39 42.1 41.4 62.0



#57
 1,3-Dichloropropane
 Concen: 4.606 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX026206.D
 Acq: 31 Dec 2021 06:44

Tgt Ion: 76 Resp: 14868
 Ion Ratio Lower Upper
 76 100
 78 0.5 26.0 39.0#

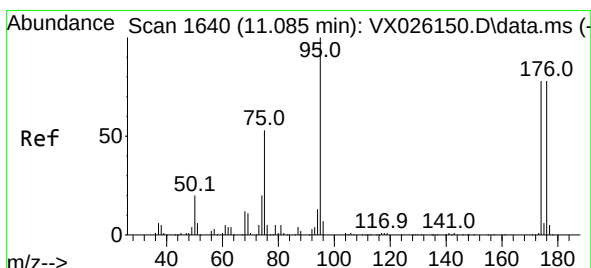
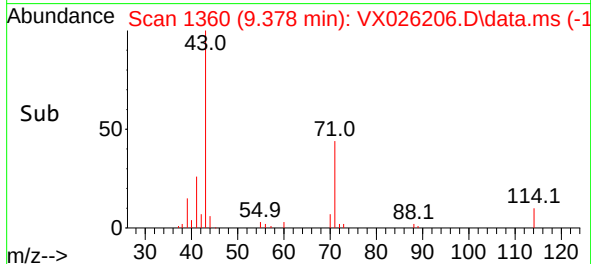
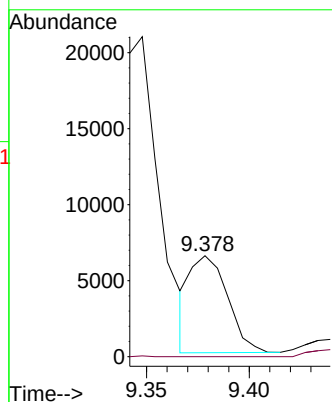
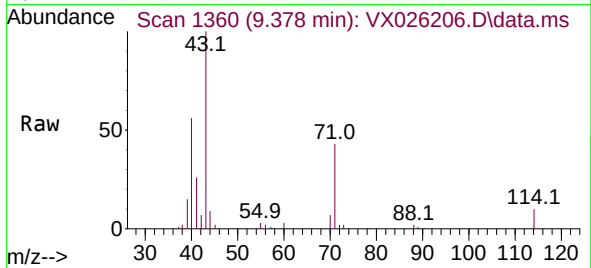




#59
2-Hexanone
Concen: 3.503 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX026206.D
Acq: 31 Dec 2021 06:44

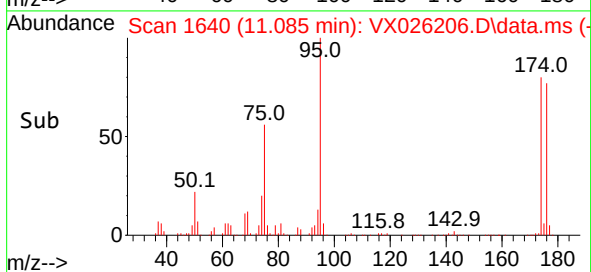
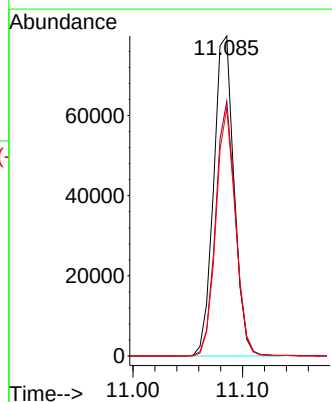
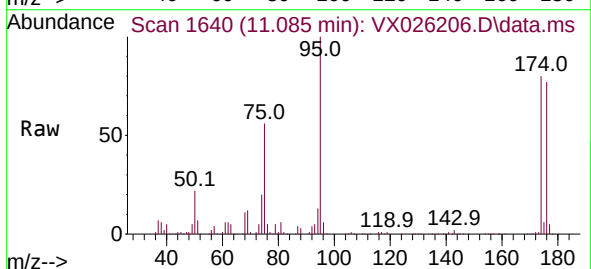
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#07

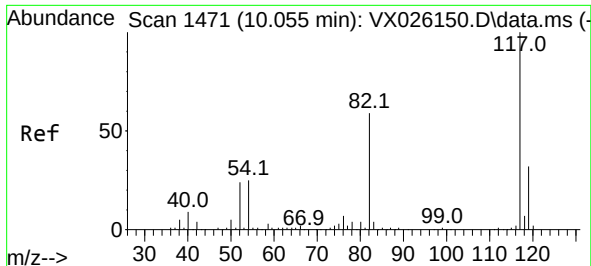
Tgt Ion: 43 Resp: 8142
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.6#



#62
4-Bromofluorobenzene
Concen: 48.399 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX026206.D
Acq: 31 Dec 2021 06:44

Tgt Ion: 95 Resp: 103681
Ion Ratio Lower Upper
95 100
174 77.1 0.0 157.4
176 74.1 0.0 154.6

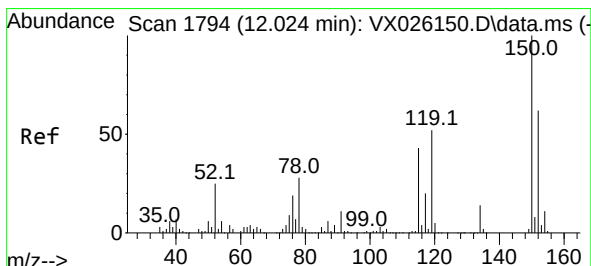
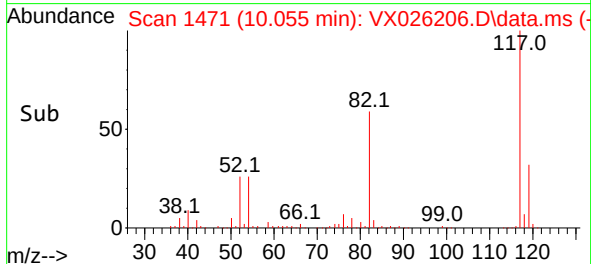
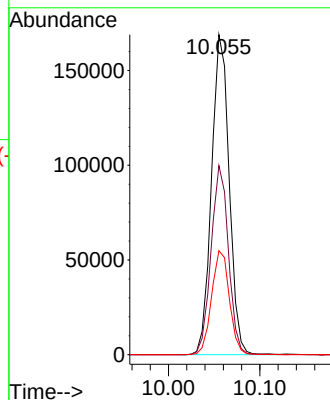
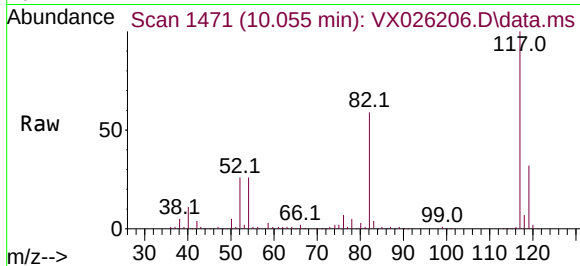




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026206.D
Acq: 31 Dec 2021 06:44

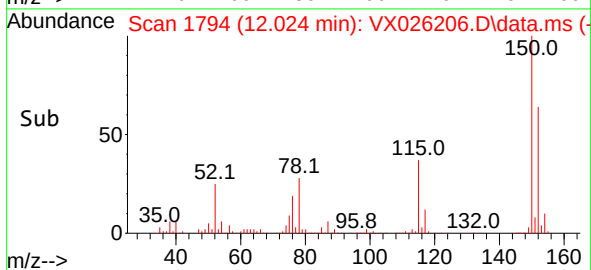
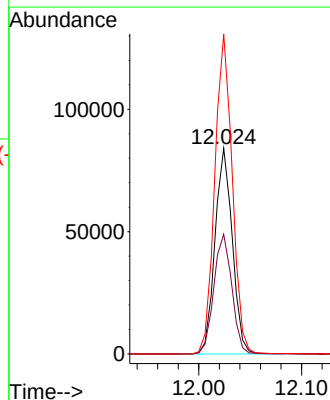
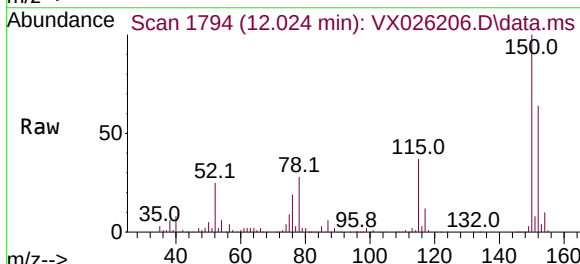
Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#07

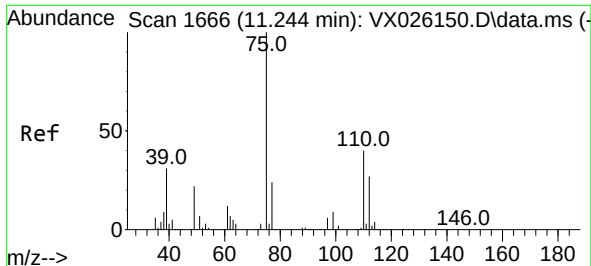
Tgt Ion:117 Resp: 225771
Ion Ratio Lower Upper
117 100
82 59.1 43.8 65.6
119 32.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026206.D
Acq: 31 Dec 2021 06:44

Tgt Ion:152 Resp: 98161
Ion Ratio Lower Upper
152 100
115 60.4 41.3 123.9
150 157.0 0.0 351.8

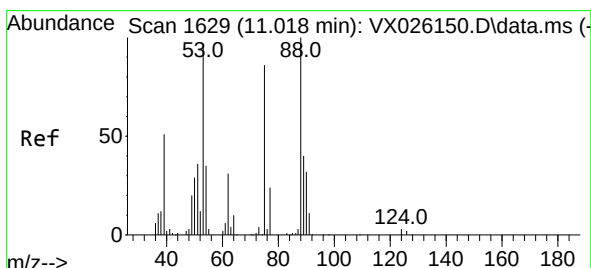
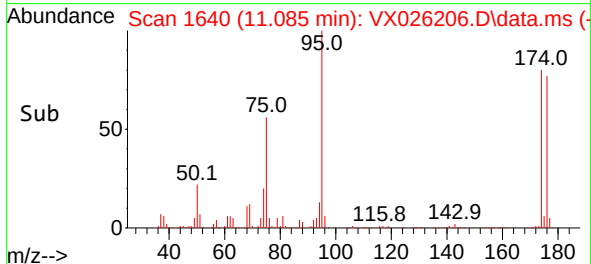
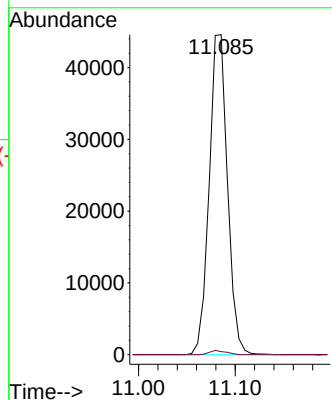
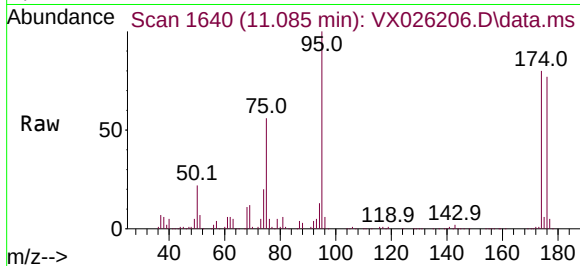




#76
1,2,3-Trichloropropane
Concen: 24.791 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX026206.D
Acq: 31 Dec 2021 06:44

Instrument :
MSVOA_X
ClientSampleId :
PB141758ZHE#07

Tgt Ion: 75 Resp: 58740
Ion Ratio Lower Upper
75 100
77 1.2 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.722 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX026206.D
Acq: 31 Dec 2021 06:44

Tgt Ion: 75 Resp: 58740
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

