

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042800.D
 Acq On : 01 Aug 2024 17:19
 Operator : JC/MD
 Sample : P3387-06RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-10-TCLP VOC

Quant Time: Aug 01 18:12:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:40:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

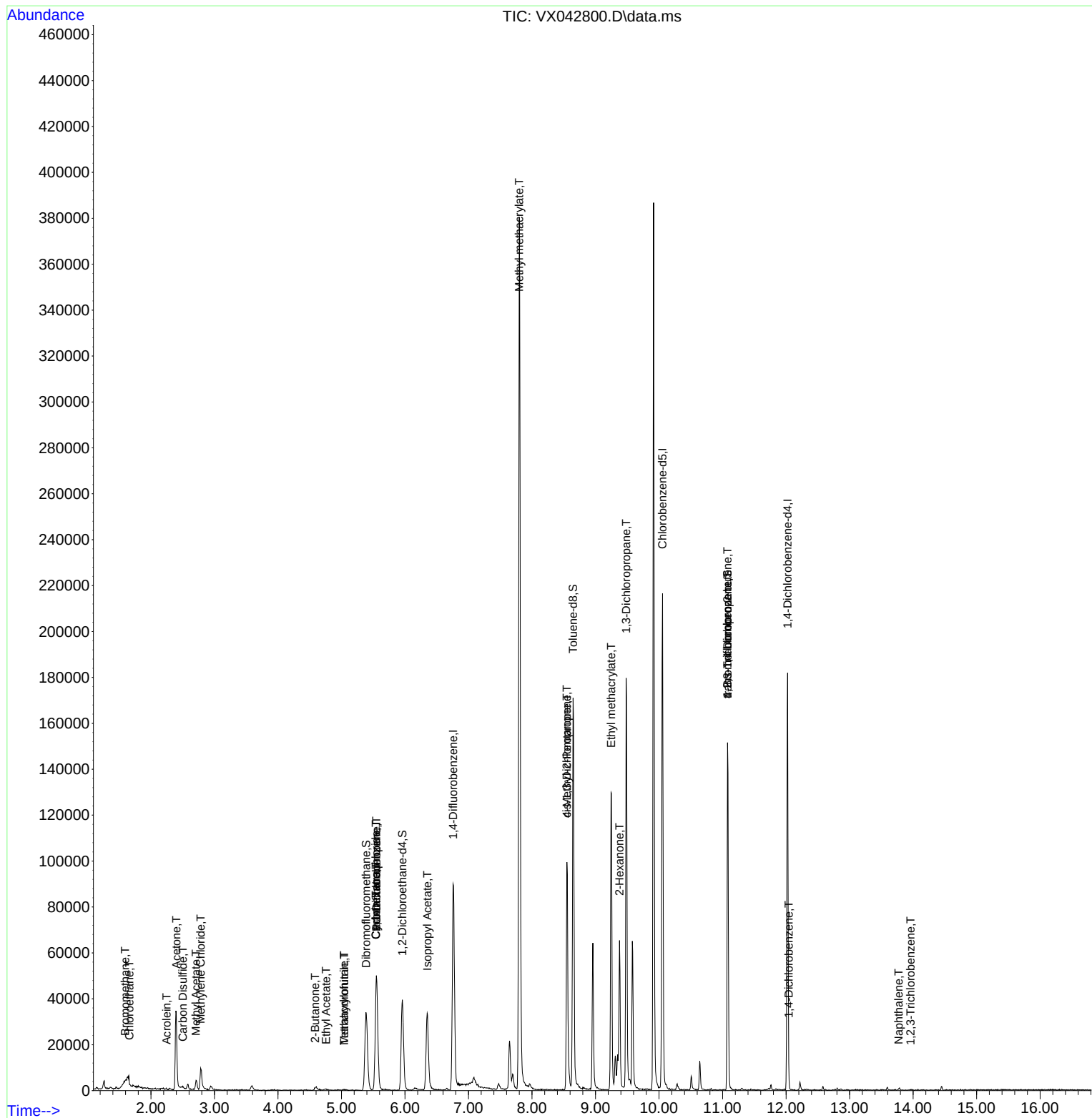
Internal Standards						
1) Pentafluorobenzene	5.550	168	41222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	86473	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	83888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	33939	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	39066	58.988	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 117.980%#			
35) Dibromofluoromethane	5.385	113	28832	48.265	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.540%			
50) Toluene-d8	8.647	98	99522	45.899	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.800%#			
62) 4-Bromofluorobenzene	11.079	95	39267	49.555	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.120%			
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	224	Below Cal	#	43
5) Bromomethane	1.593	94	201	1.141	ug/l #	39
6) Chloroethane	1.660	64	203	1.100	ug/l #	43
11) Tert butyl alcohol	3.007	59	470	Below Cal	#	78
13) Acrolein	2.245	56	60	0.464	ug/l #	14
16) Acetone	2.398	43	40669	169.116	ug/l	97
17) Carbon Disulfide	2.501	76	427	0.377	ug/l #	39
18) Methyl Acetate	2.709	43	5049	8.366	ug/l #	89
20) Methylene Chloride	2.782	84	4900	8.180	ug/l	97
25) 2-Butanone	4.586	43	3214	9.096	ug/l #	79
29) Tetrahydrofuran	5.044	42	116	0.527	ug/l #	64
31) Cyclohexane	5.543	56	1170	1.603	ug/l #	35
36) 1,1-Dichloropropene	5.550	75	4004	5.169	ug/l #	51
37) Ethyl Acetate	4.757	43	915	1.157	ug/l #	69
38) Carbon Tetrachloride	5.543	117	5049	5.655	ug/l #	14
41) Methacrylonitrile	5.044	41	255	0.610	ug/l #	25
43) Isopropyl Acetate	6.354	43	48336	39.078	ug/l	97
48) Methyl methacrylate	7.799	41	35922	59.070	ug/l #	51
51) 4-Methyl-2-Pentanone	8.549	43	39873	48.673	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	15022	16.862	ug/l #	67
56) Ethyl methacrylate	9.244	69	612	0.662	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	1482	1.472	ug/l #	42
59) 2-Hexanone	9.378	43	45783	72.068	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	22271	28.718	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	22271	84.998	ug/l #	5
88) 1,4-Dichlorobenzene	12.042	146	274	0.227	ug/l #	1
95) Naphthalene	13.774	128	818	0.315	ug/l #	84
96) 1,2,3-Trichlorobenzene	13.963	180	179	0.256	ug/l #	57

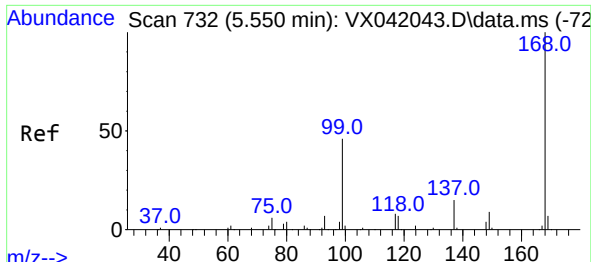
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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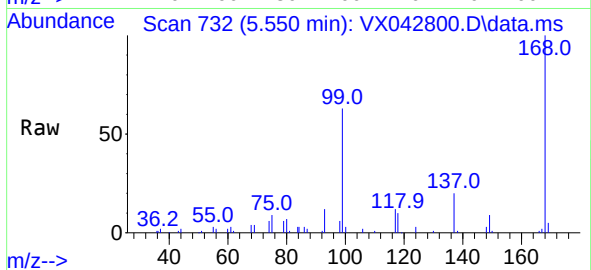
Quant Time: Aug 01 18:12:13 2024
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Quant Title : SW846 8260
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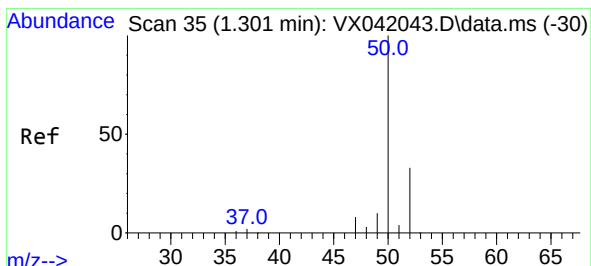
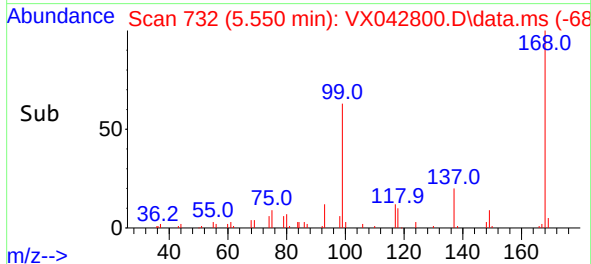
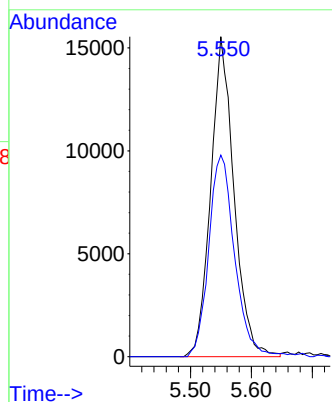


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

Instrument :
MSVOA_X
ClientSampleId :
WC-10-TCLP VOC

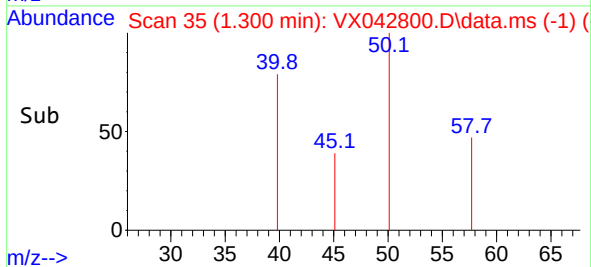
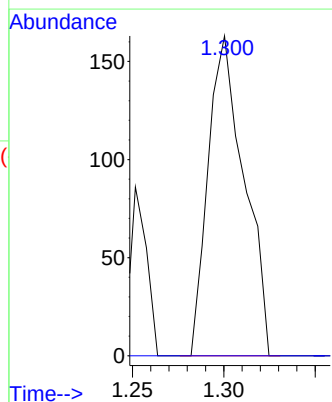
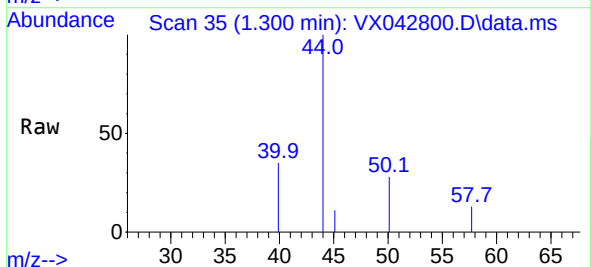


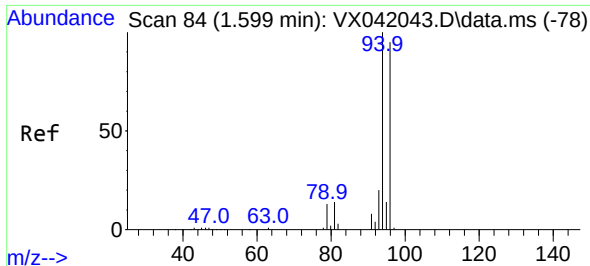
Tgt Ion:168 Resp: 41222
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0



#3
Chloromethane
Concen: Below Cal
RT: 1.300 min Scan# 35
Delta R.T. -0.007 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

Tgt Ion: 50 Resp: 224
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

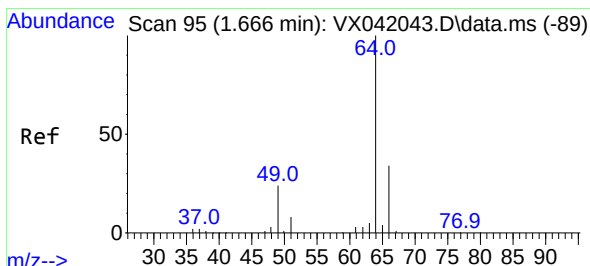
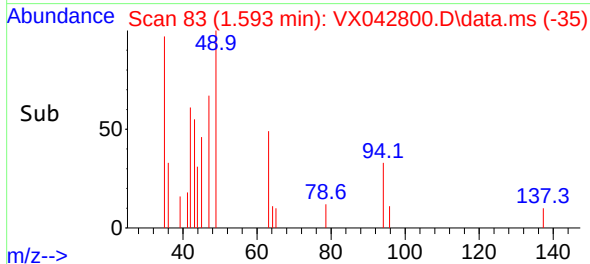
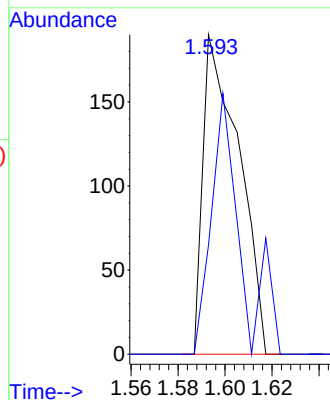
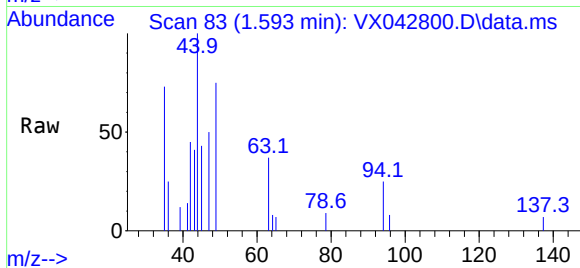




#5
Bromomethane
Concen: 1.141 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

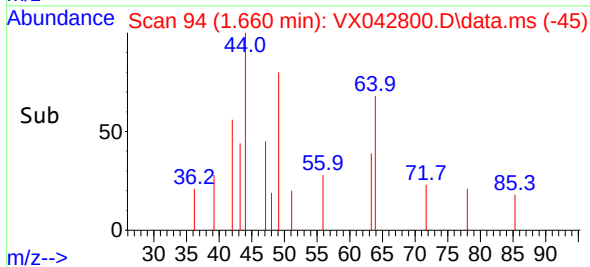
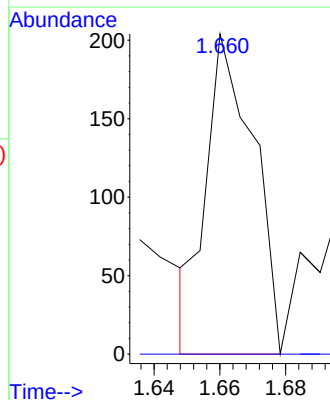
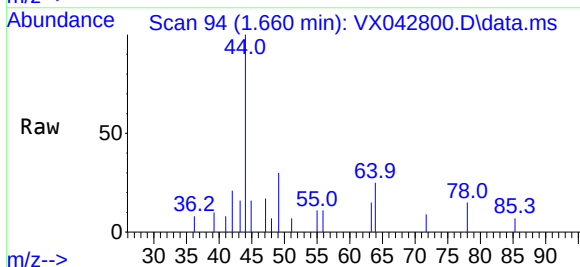
Instrument :
MSVOA_X
ClientSampleId :
WC-10-TCLP VOC

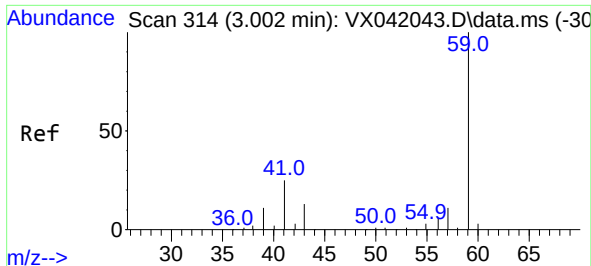
Tgt Ion: 94 Resp: 201
Ion Ratio Lower Upper
94 100
96 34.2 74.6 111.8#



#6
Chloroethane
Concen: 1.100 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

Tgt Ion: 64 Resp: 203
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 3.007 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX042800.D

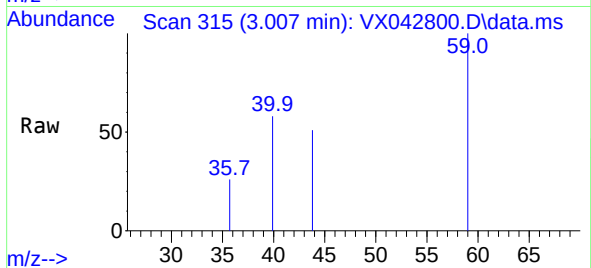
Acq: 01 Aug 2024 17:19

Instrument :

MSVOA_X

ClientSampleId :

WC-10-TCLP VOC

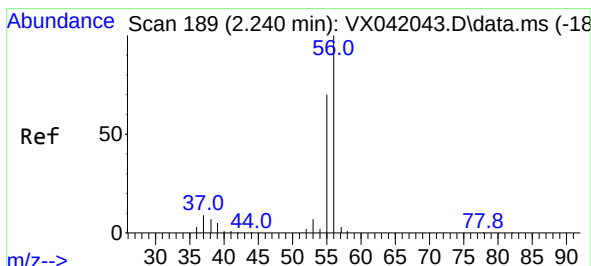
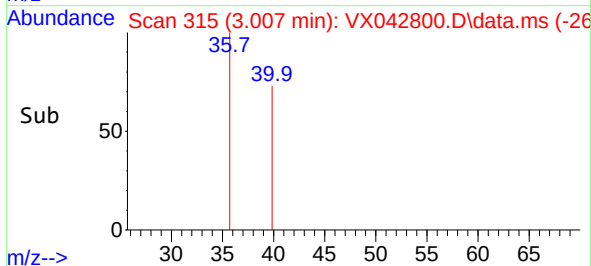
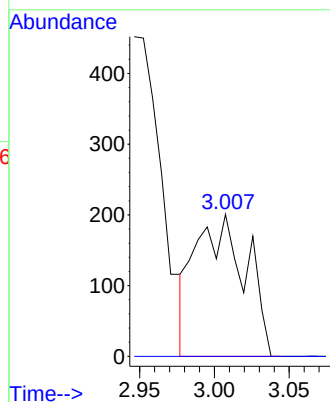


Tgt Ion: 59 Resp: 470

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.464 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX042800.D

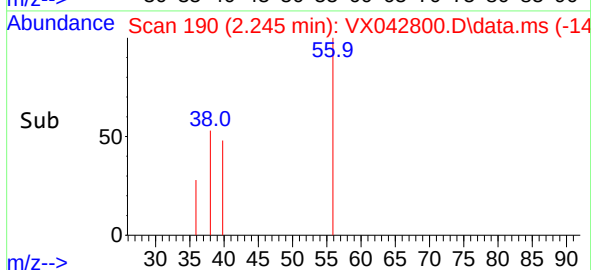
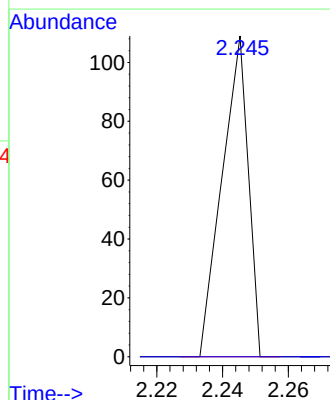
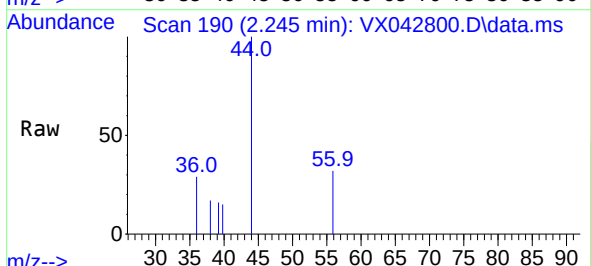
Acq: 01 Aug 2024 17:19

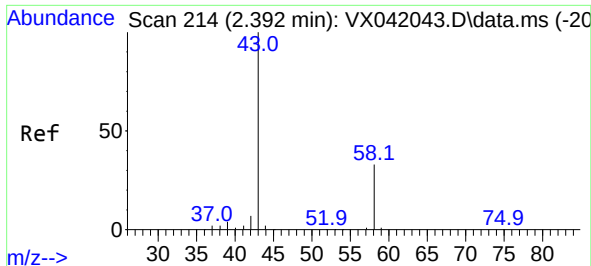
Tgt Ion: 56 Resp: 60

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#

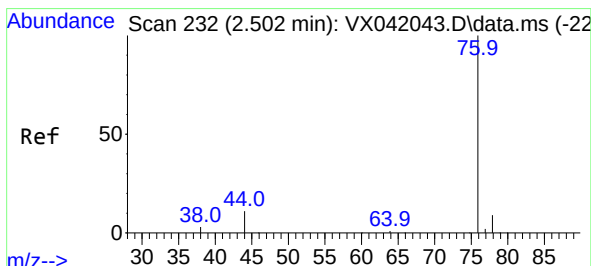
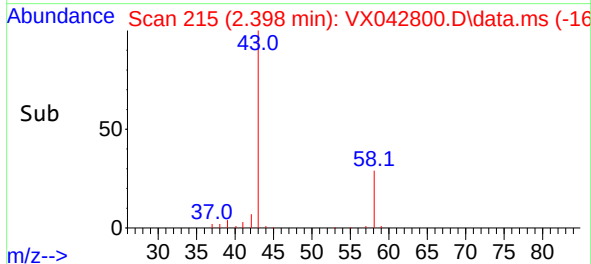
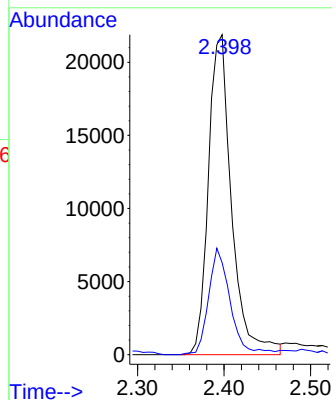
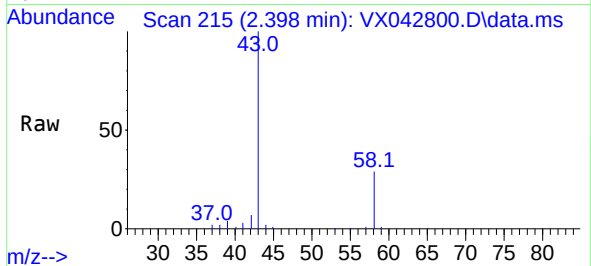




#16
Acetone
Concen: 169.116 ug/l
RT: 2.398 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

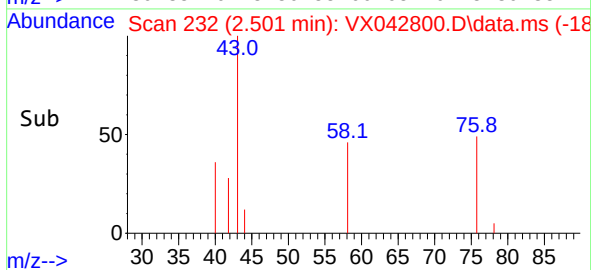
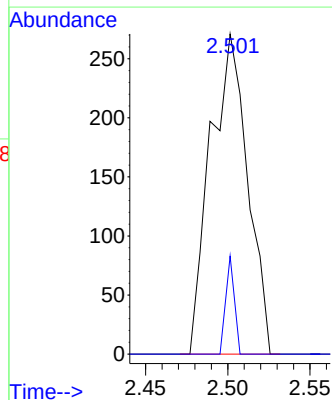
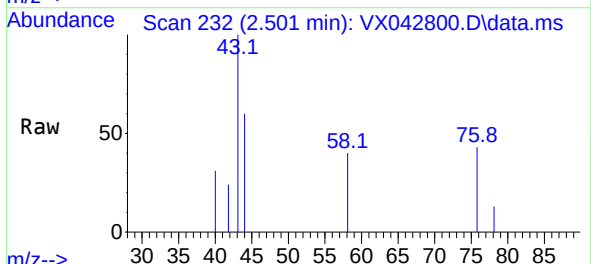
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ClientSampleId :
WC-10-TCLP VOC

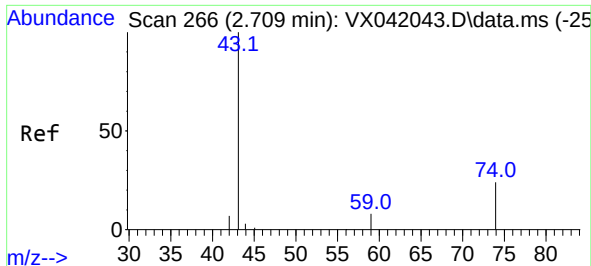
Tgt Ion: 43 Resp: 40669
Ion Ratio Lower Upper
43 100
58 28.7 21.9 32.9



#17
Carbon Disulfide
Concen: 0.377 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

Tgt Ion: 76 Resp: 427
Ion Ratio Lower Upper
76 100
78 30.6 7.0 10.6#

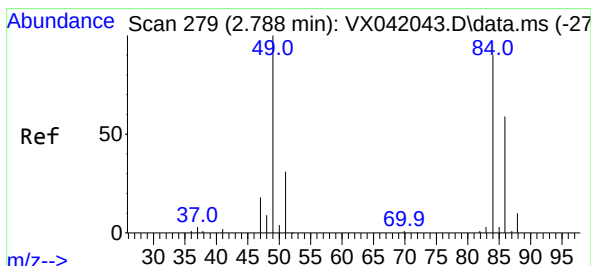
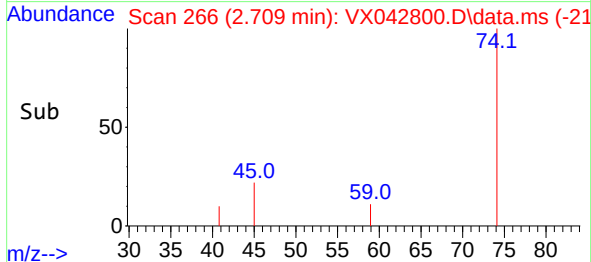
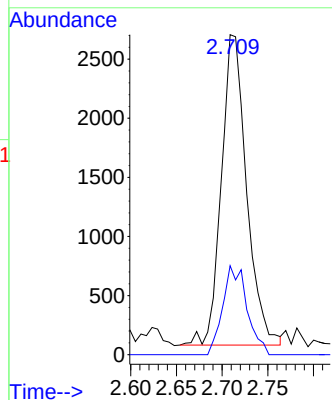
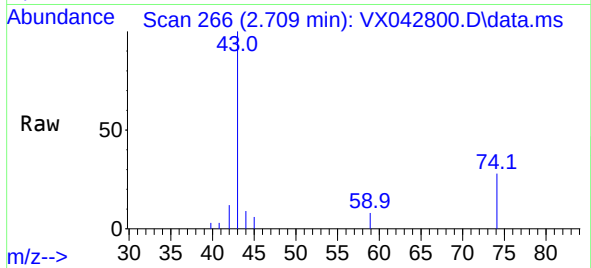




#18
Methyl Acetate
Concen: 8.366 ug/l
RT: 2.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

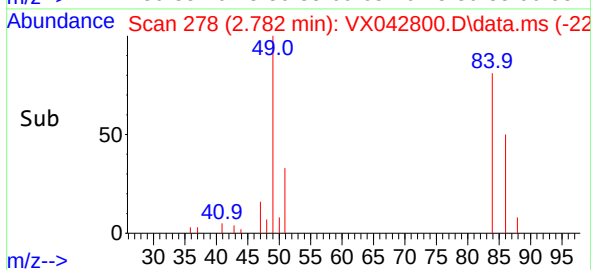
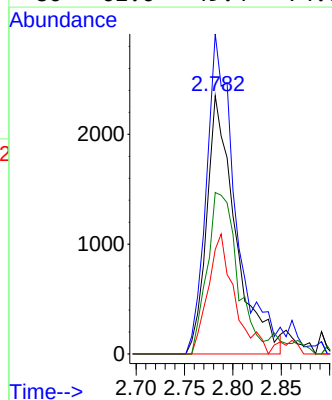
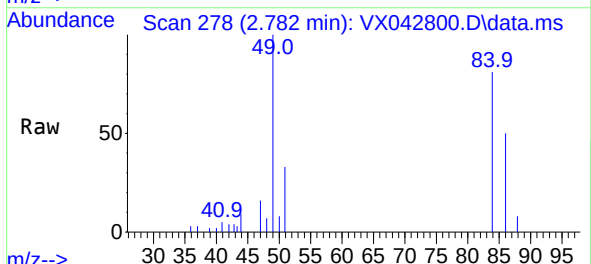
Instrument :
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ClientSampleId :
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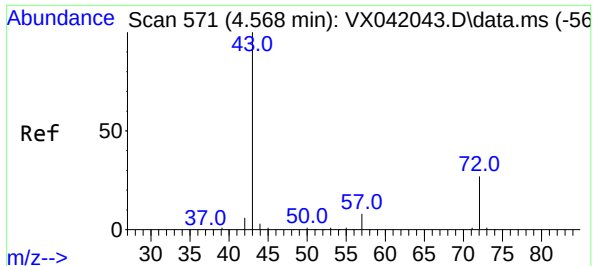
Tgt Ion: 43 Resp: 5049
Ion Ratio Lower Upper
43 100
74 27.6 17.8 26.8#



#20
Methylene Chloride
Concen: 8.180 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

Tgt Ion: 84 Resp: 4900
Ion Ratio Lower Upper
84 100
49 123.9 103.6 155.4
51 40.5 33.8 50.6
86 62.6 49.4 74.0

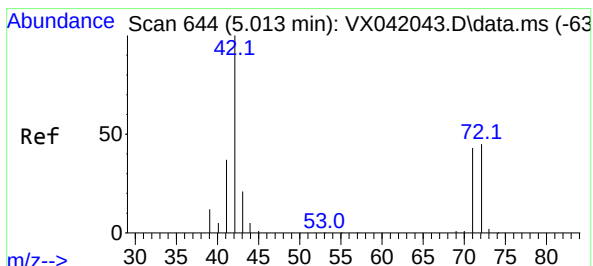
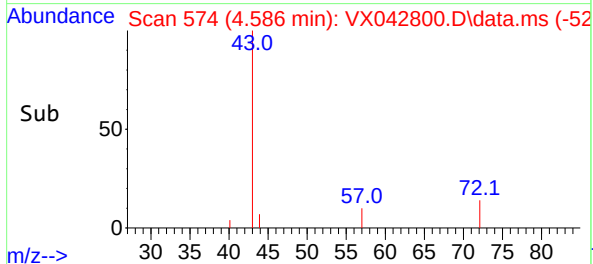
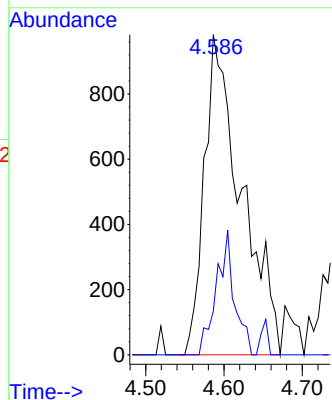
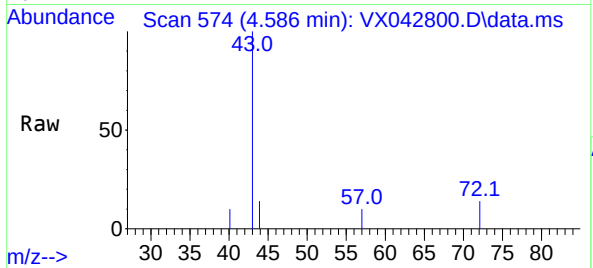




#25
2-Butanone
Concen: 9.096 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

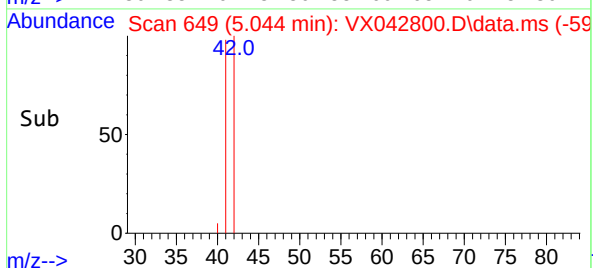
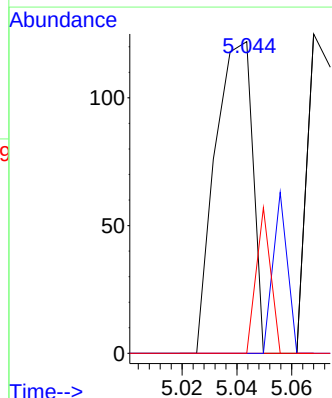
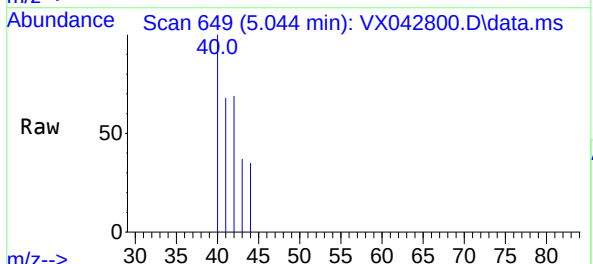
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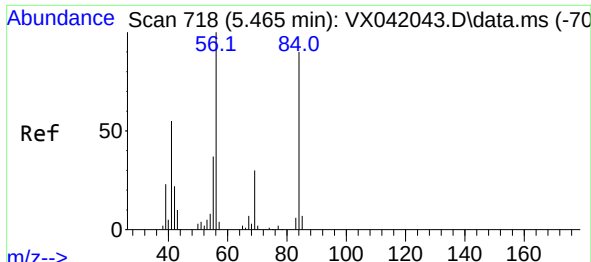
Tgt Ion: 43 Resp: 3214
Ion Ratio Lower Upper
43 100
72 13.6 19.4 29.2#



#29
Tetrahydrofuran
Concen: 0.527 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.025 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

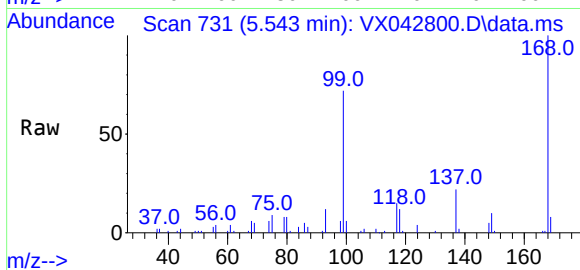
Tgt Ion: 42 Resp: 116
Ion Ratio Lower Upper
42 100
72 19.8 34.2 51.4#
71 18.1 32.2 48.2#



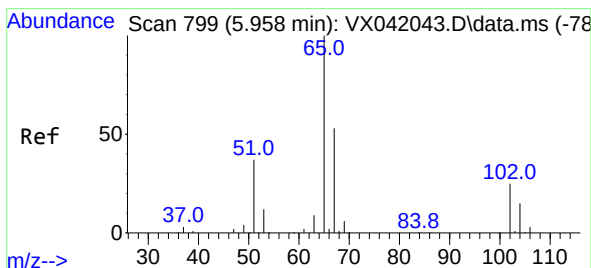
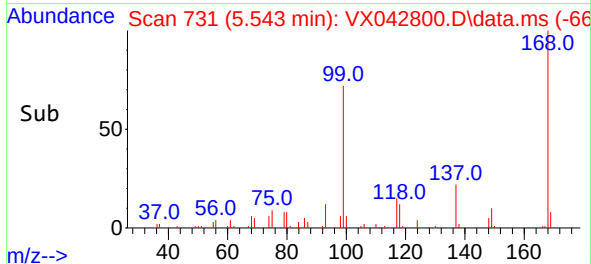
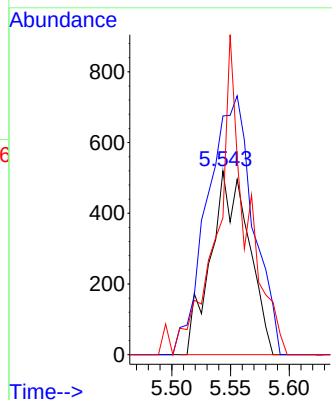


#31
Cyclohexane
Concen: 1.603 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

Instrument :
MSVOA_X
ClientSampleId :
WC-10-TCLP VOC

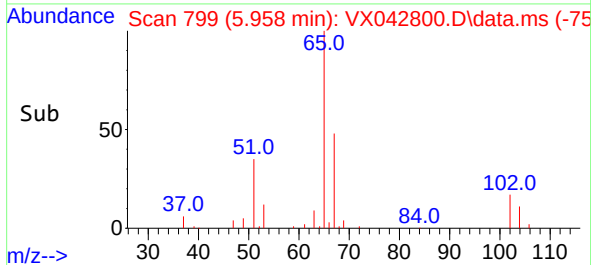
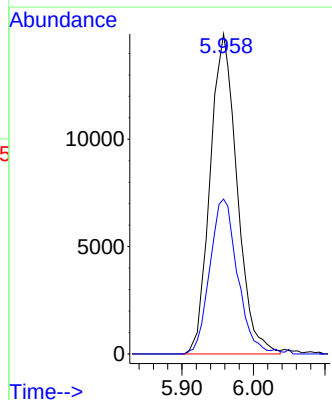
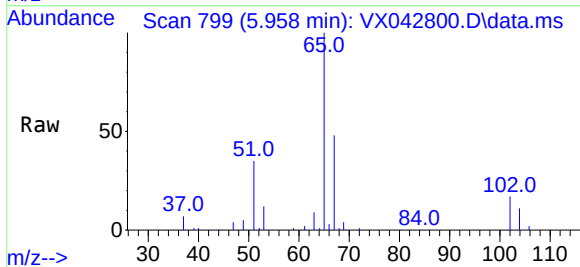


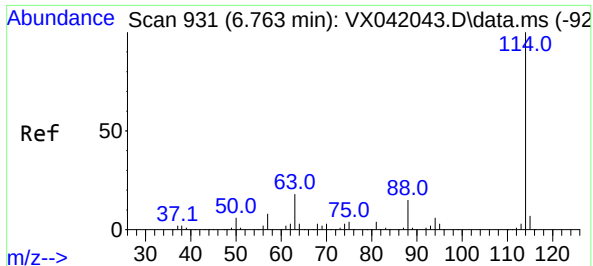
Tgt Ion: 56 Resp: 1170
Ion Ratio Lower Upper
56 100
69 129.8 23.4 35.2#
84 63.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 58.988 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

Tgt Ion: 65 Resp: 39066
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.2

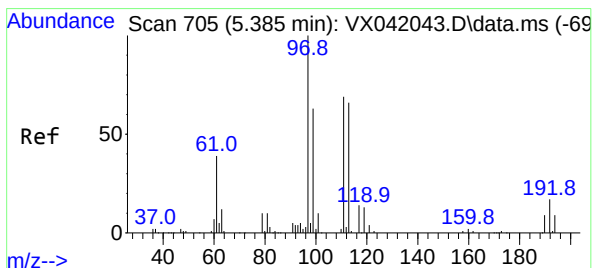
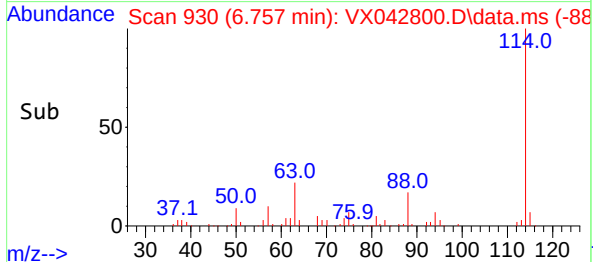
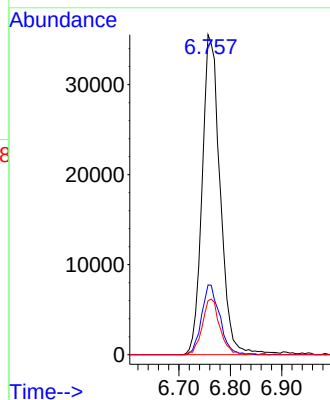
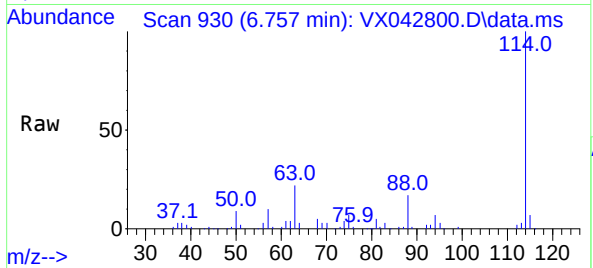




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

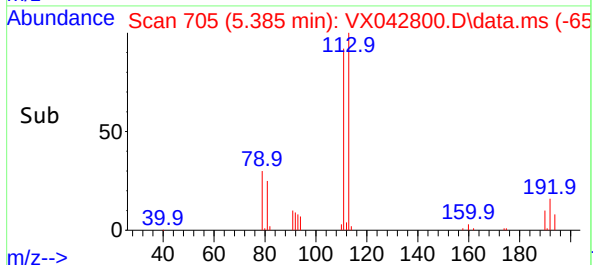
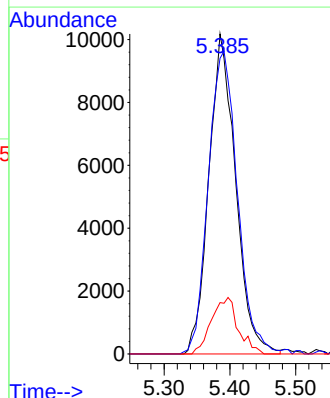
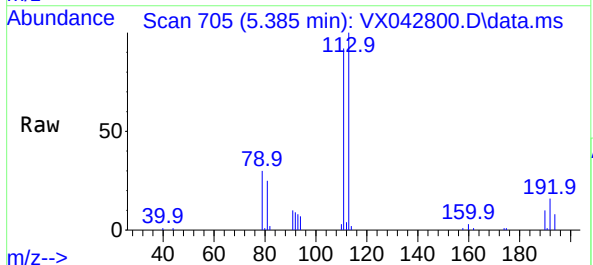
Instrument :
MSVOA_X
ClientSampleId :
WC-10-TCLP VOC

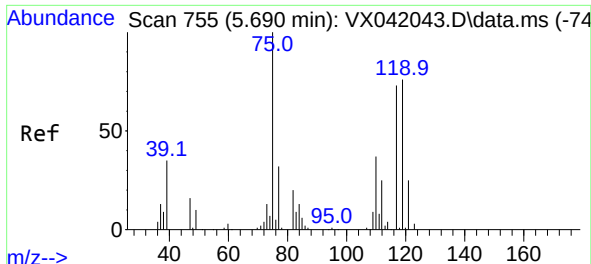
Tgt Ion:114 Resp: 86473
Ion Ratio Lower Upper
114 100
63 21.8 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.265 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

Tgt Ion:113 Resp: 28832
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 17.6 13.3 19.9

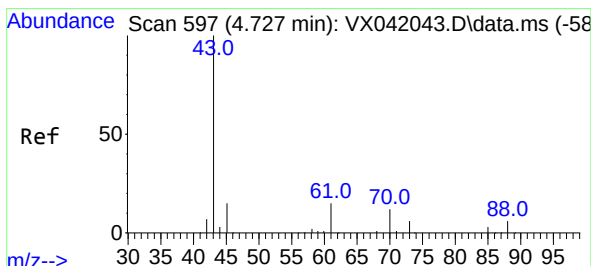
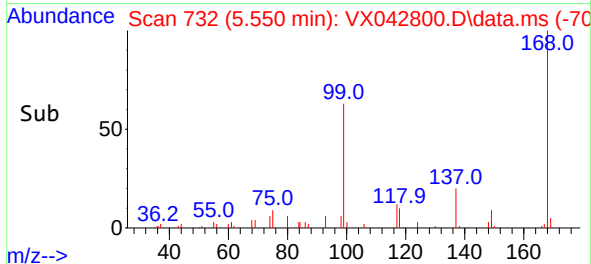
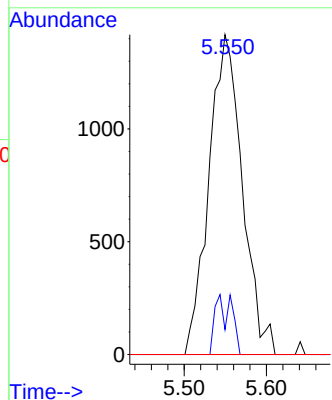
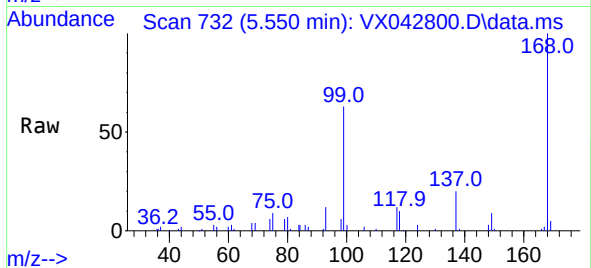




#36
1,1-Dichloropropene
Concen: 5.169 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

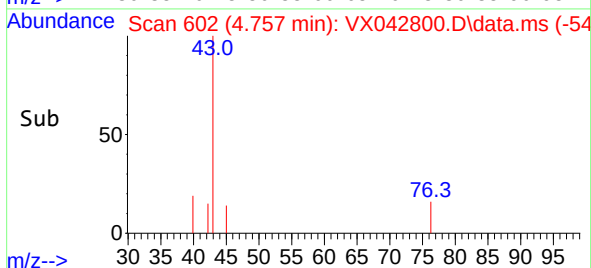
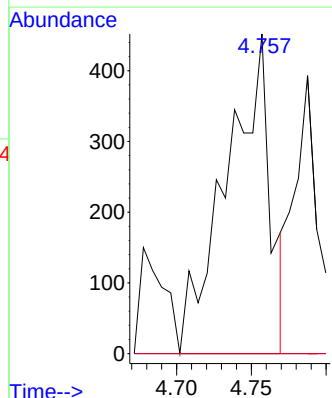
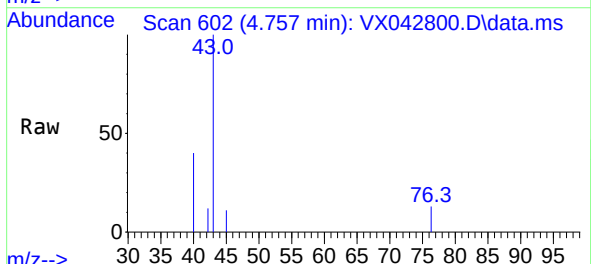
Instrument :
MSVOA_X
ClientSampleId :
WC-10-TCLP VOC

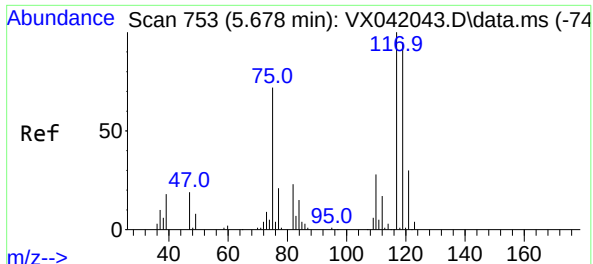
Tgt Ion: 75 Resp: 4004
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.157 ug/l
RT: 4.757 min Scan# 602
Delta R.T. 0.030 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

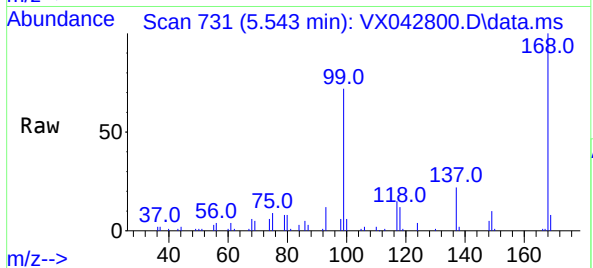
Tgt Ion: 43 Resp: 915
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#



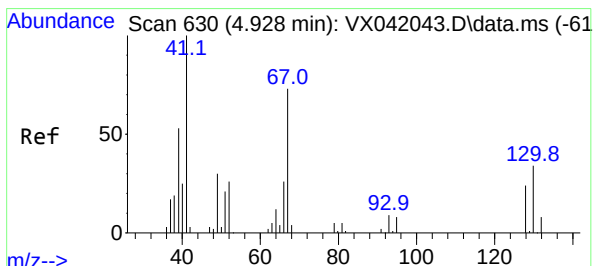
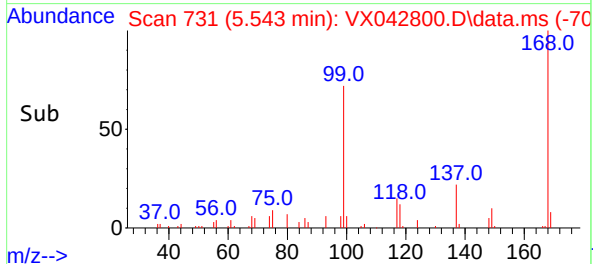
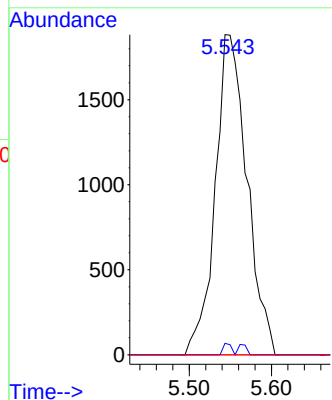


#38
Carbon Tetrachloride
Concen: 5.655 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.135 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

Instrument :
MSVOA_X
ClientSampleId :
WC-10-TCLP VOC

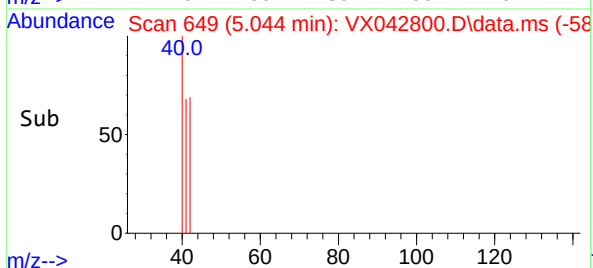
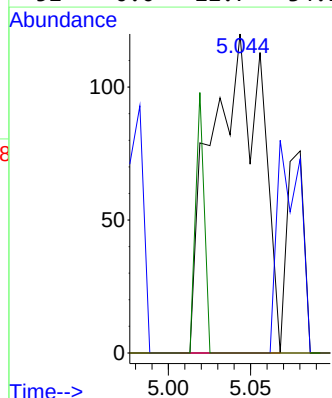
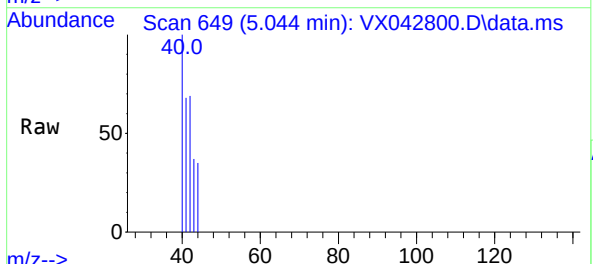


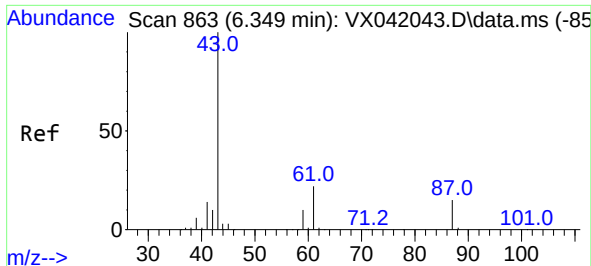
Tgt Ion:117 Resp: 5049
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.610 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.116 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

Tgt Ion: 41 Resp: 255
Ion Ratio Lower Upper
41 100
39 0.0 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

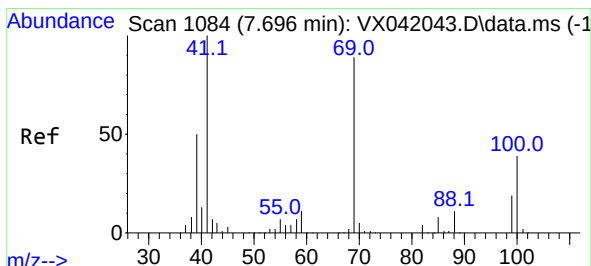
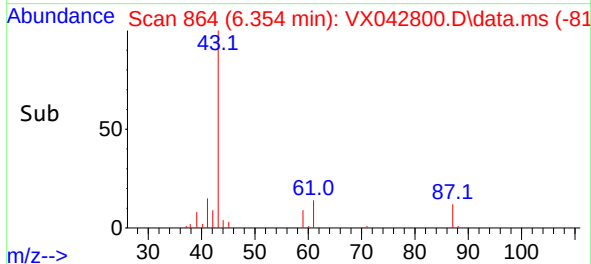
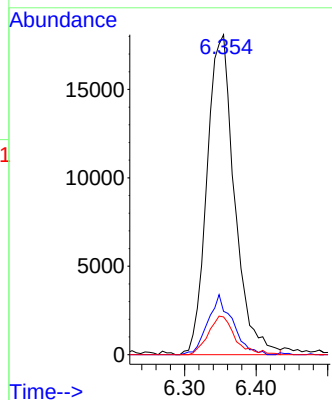
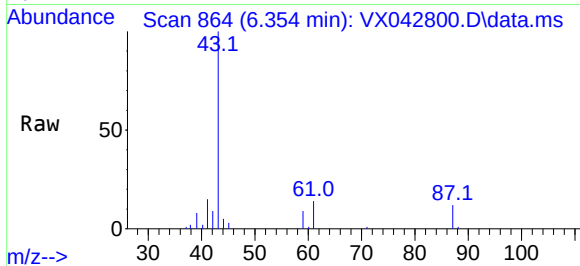




#43
Isopropyl Acetate
Concen: 39.078 ug/l
RT: 6.354 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

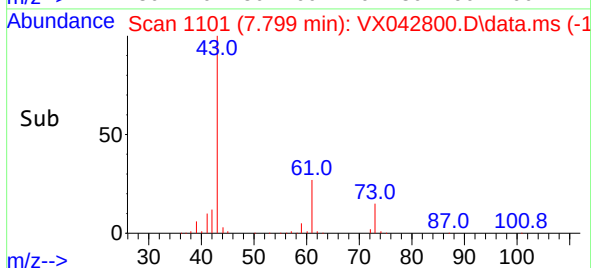
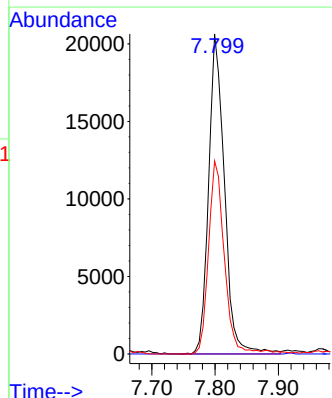
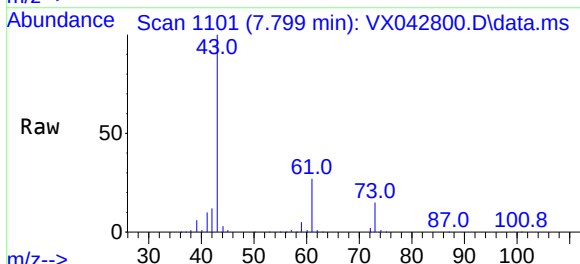
Instrument :
MSVOA_X
ClientSampleId :
WC-10-TCLP VOC

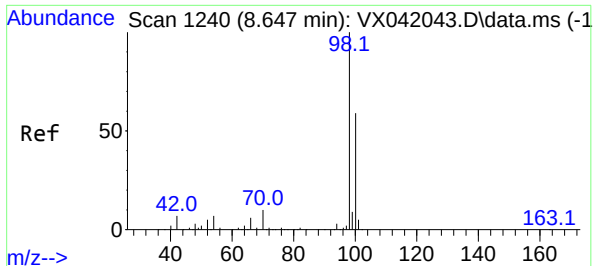
Tgt Ion: 43 Resp: 48336
Ion Ratio Lower Upper
43 100
61 16.9 15.2 22.8
87 11.7 9.8 14.6



#48
Methyl methacrylate
Concen: 59.070 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

Tgt Ion: 41 Resp: 35922
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 59.7 47.7 71.5

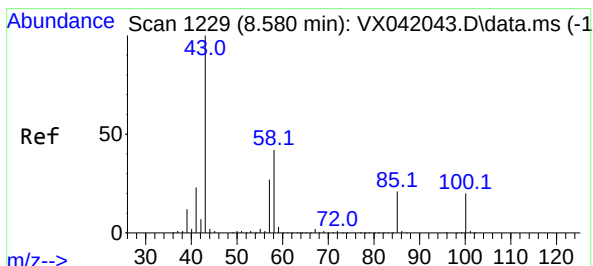
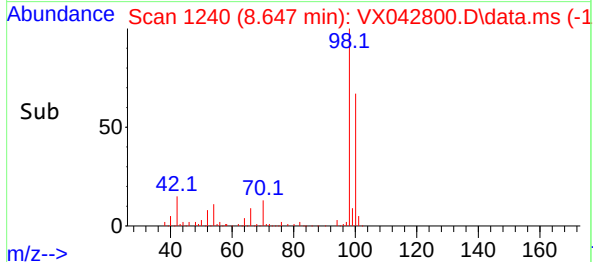
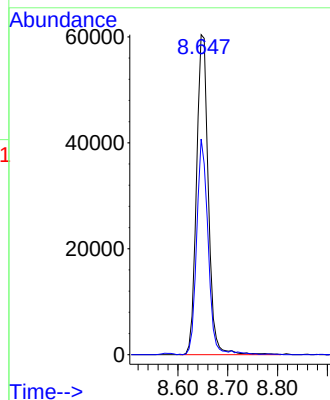
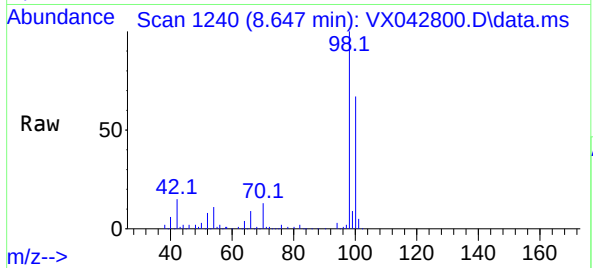




#50
Toluene-d8
Concen: 45.899 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

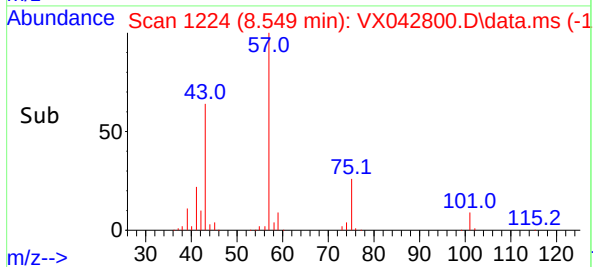
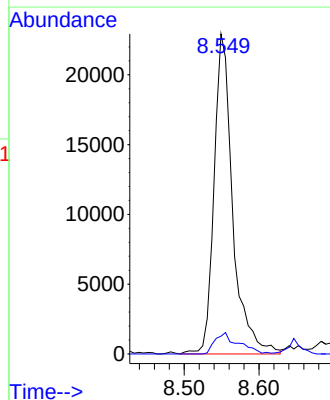
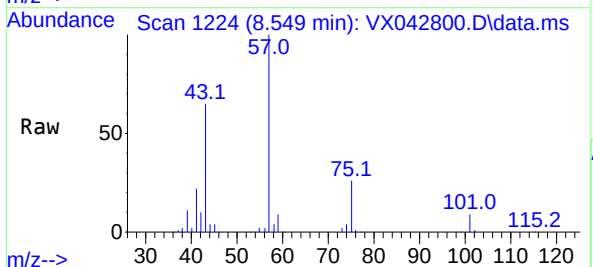
Instrument :
MSVOA_X
ClientSampleId :
WC-10-TCLP VOC

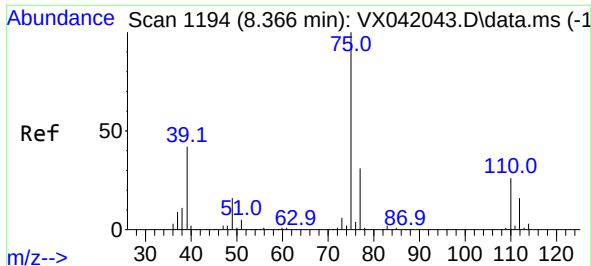
Tgt Ion: 98 Resp: 99522
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 48.673 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

Tgt Ion: 43 Resp: 39873
Ion Ratio Lower Upper
43 100
58 8.4 30.4 45.6#

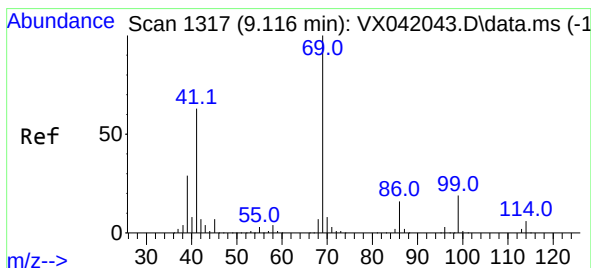
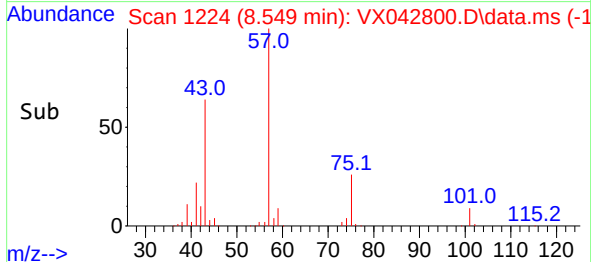
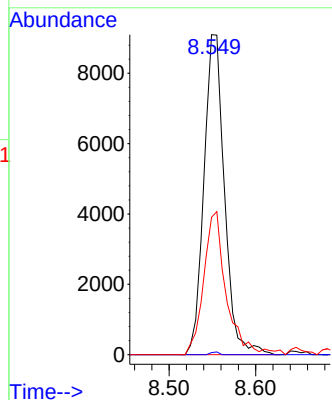
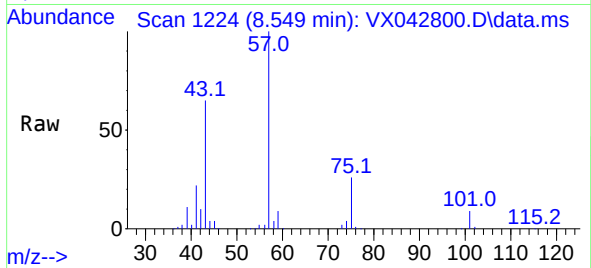




#54
cis-1,3-Dichloropropene
Concen: 16.862 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

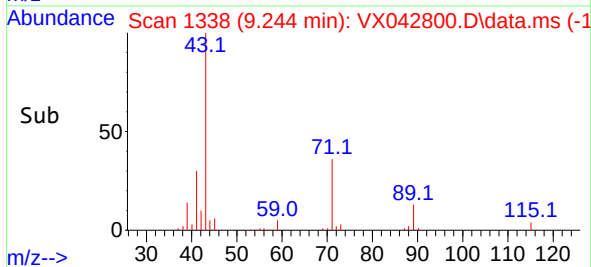
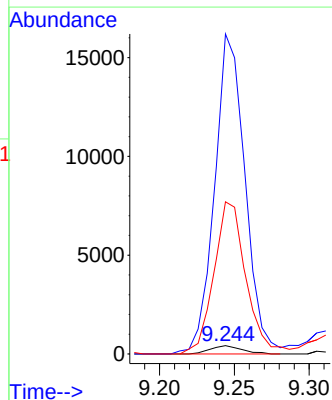
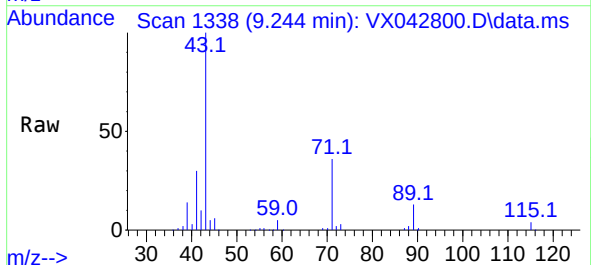
Instrument :
MSVOA_X
ClientSampleId :
WC-10-TCLP VOC

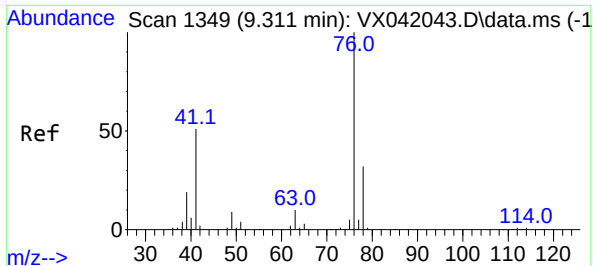
Tgt Ion: 75 Resp: 15022
Ion Ratio Lower Upper
75 100
77 0.6 25.3 37.9#
39 43.0 46.7 70.1#



#56
Ethyl methacrylate
Concen: 0.662 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.122 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

Tgt Ion: 69 Resp: 612
Ion Ratio Lower Upper
69 100
41 3750.2 56.8 85.2#
39 1880.1 32.0 48.0#

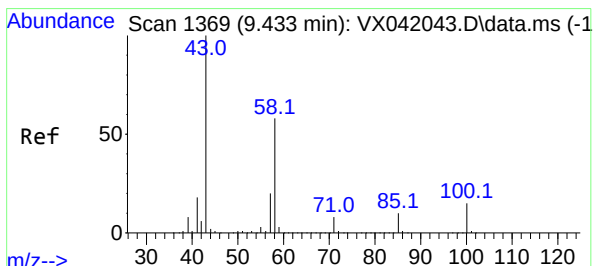
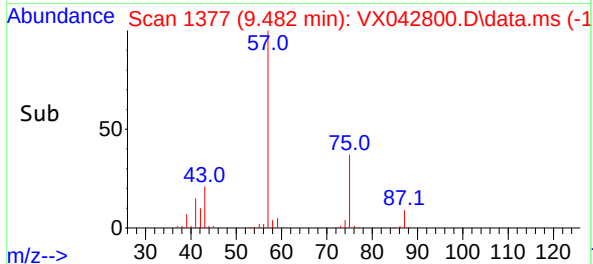
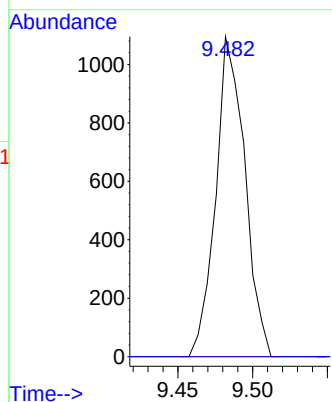
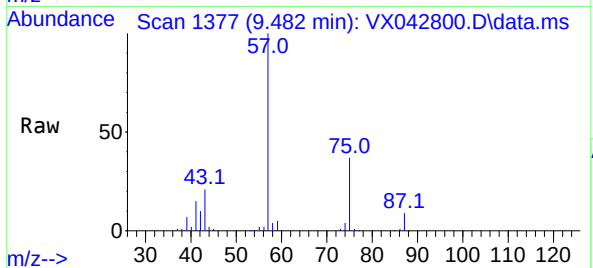




#57
1,3-Dichloropropane
Concen: 1.472 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.171 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

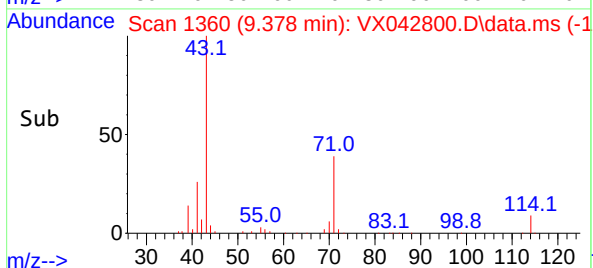
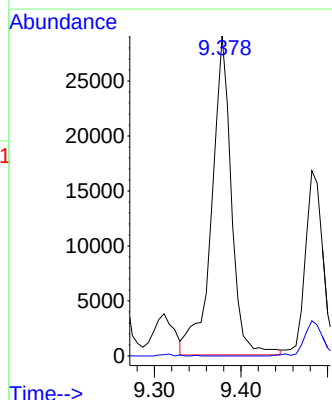
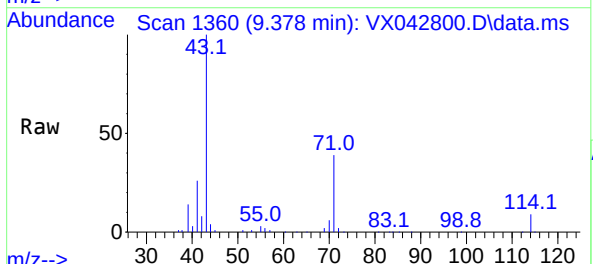
Instrument :
MSVOA_X
ClientSampleId :
WC-10-TCLP VOC

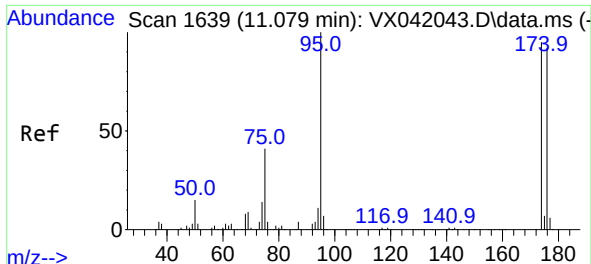
Tgt Ion: 76 Resp: 1482
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 72.068 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

Tgt Ion: 43 Resp: 45783
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#

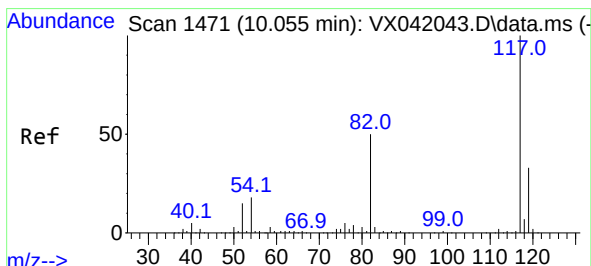
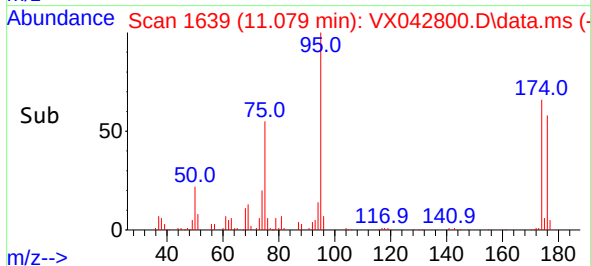
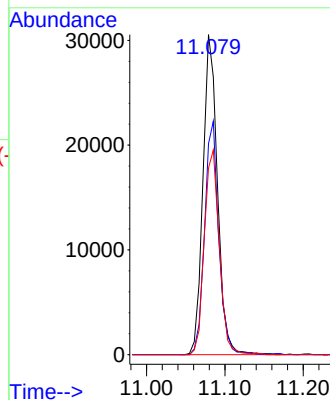
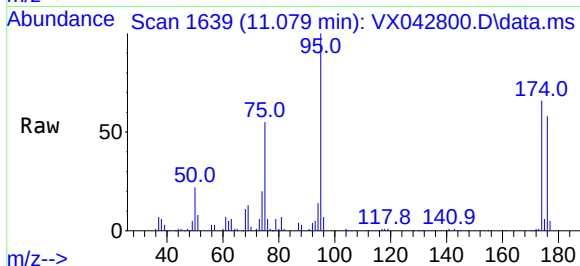




#62
4-Bromofluorobenzene
Concen: 49.555 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

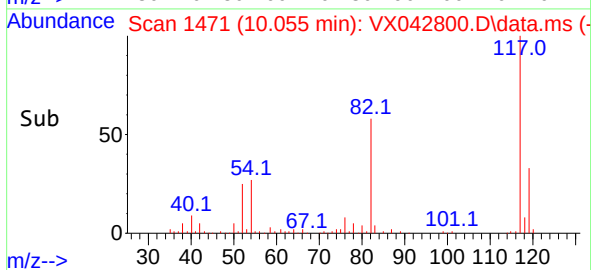
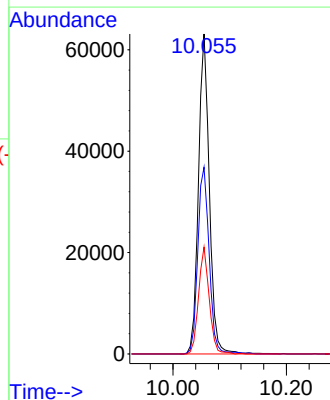
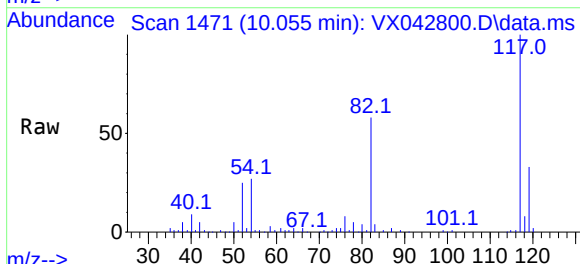
Instrument :
MSVOA_X
ClientSampleId :
WC-10-TCLP VOC

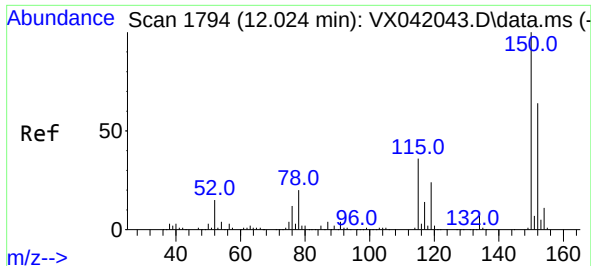
Tgt Ion: 95 Resp: 39267
Ion Ratio Lower Upper
95 100
174 71.2 0.0 135.6
176 66.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

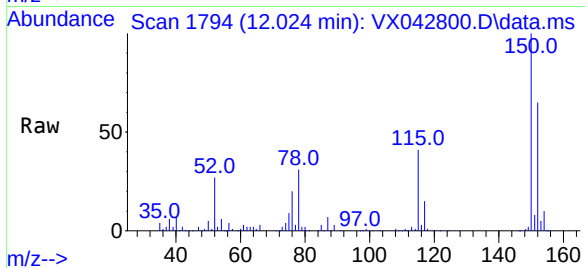
Tgt Ion: 117 Resp: 83888
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.4
119 33.4 25.5 38.3



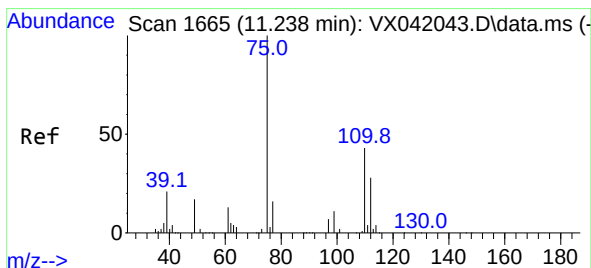
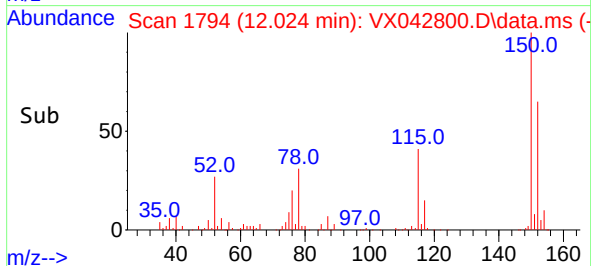
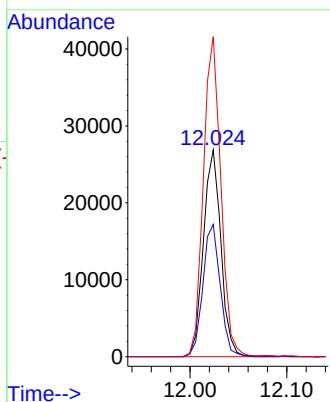


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

Instrument :
MSVOA_X
ClientSampleId :
WC-10-TCLP VOC

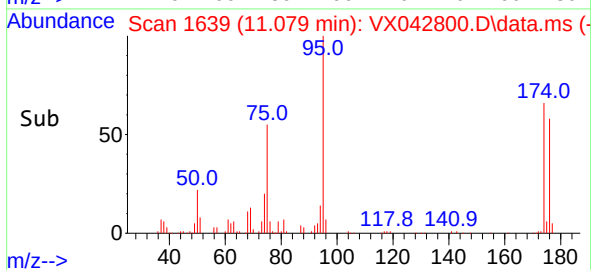
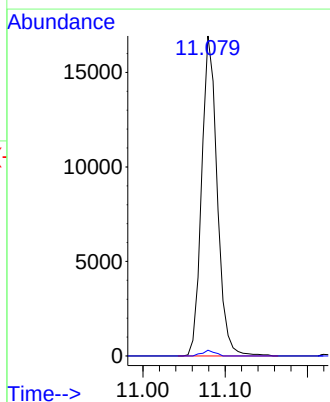
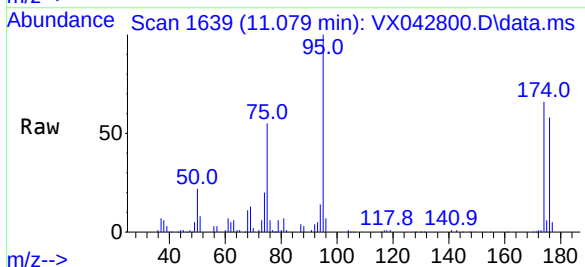


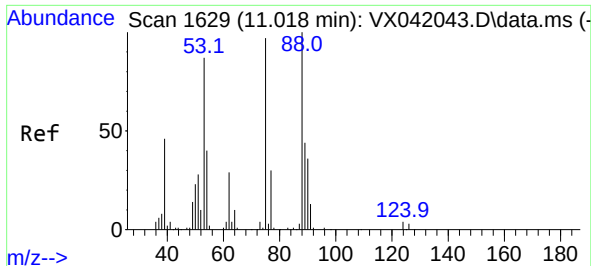
Tgt Ion:152 Resp: 33939
Ion Ratio Lower Upper
152 100
115 63.3 43.3 129.9
150 153.8 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 28.718 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

Tgt Ion: 75 Resp: 22271
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#

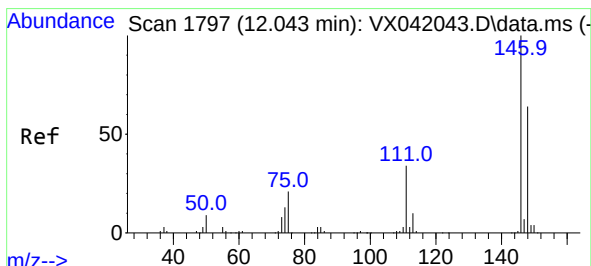
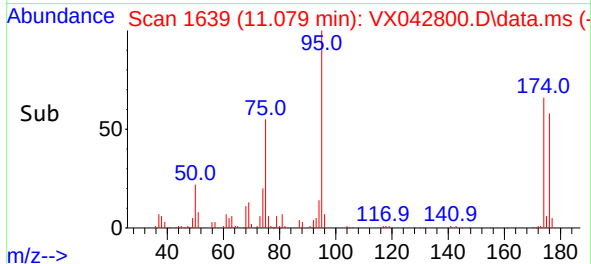
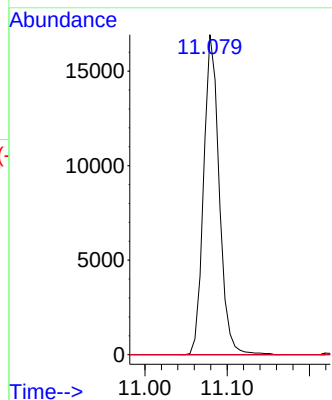
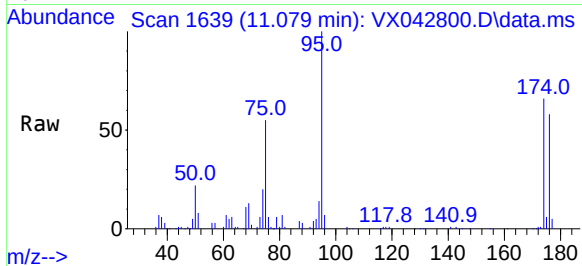




#81
trans-1,4-Dichloro-2-butene
Concen: 84.998 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

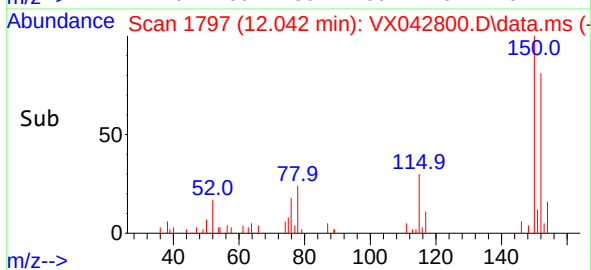
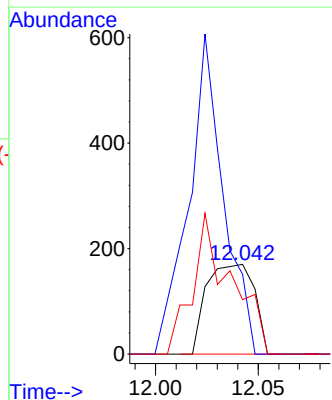
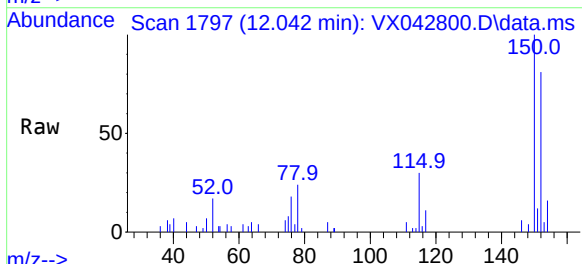
Instrument :
MSVOA_X
ClientSampleId :
WC-10-TCLP VOC

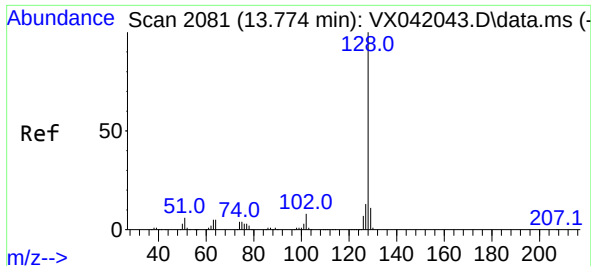
Tgt Ion: 75 Resp: 22271
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#88
1,4-Dichlorobenzene
Concen: 0.227 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

Tgt Ion:146 Resp: 274
Ion Ratio Lower Upper
146 100
111 261.3 21.3 63.7#
148 128.1 31.8 95.4#

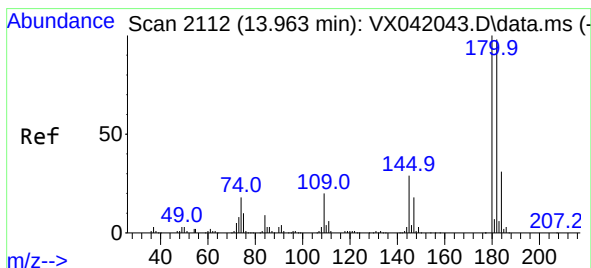
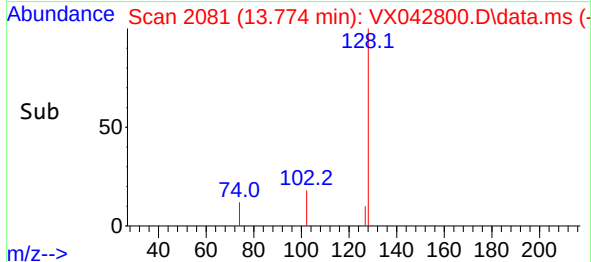
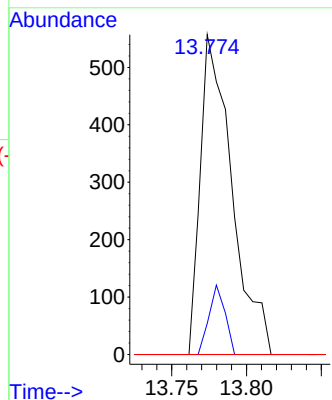
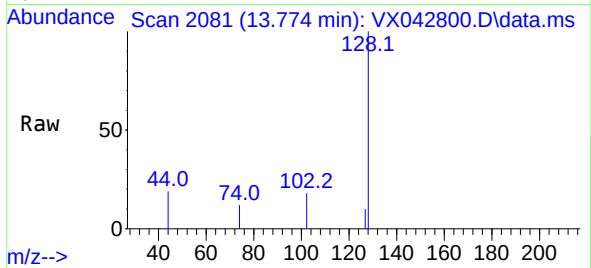




#95
Naphthalene
Concen: 0.315 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

Instrument :
MSVOA_X
ClientSampleId :
WC-10-TCLP VOC

Tgt Ion:	128	Resp:	818
Ion	Ratio	Lower	Upper
128	100		
127	11.0	10.3	15.5
129	0.0	8.8	13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.256 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX042800.D
Acq: 01 Aug 2024 17:19

Tgt Ion:	180	Resp:	179
Ion	Ratio	Lower	Upper
180	100		
182	58.7	46.9	140.6
145	0.0	17.8	53.5#

