

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030228.D
 Acq On : 27 Jul 2022 13:54
 Operator : JC/MD
 Sample : N3876-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPC-11-84

Quant Time: Jul 28 05:50:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

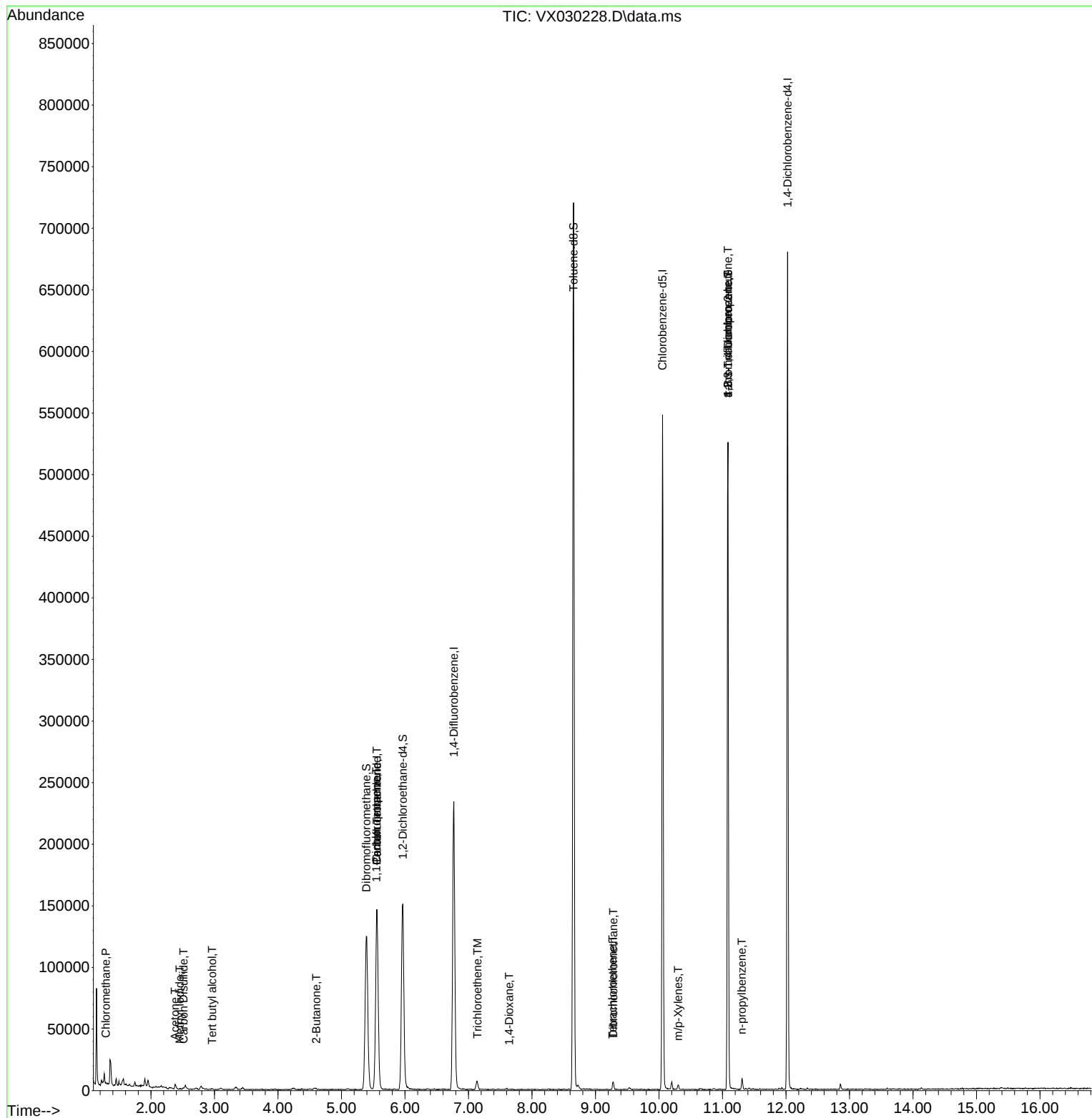
Internal Standards						
1) Pentafluorobenzene	5.556	168	132808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	233766	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	145593	54.542	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.080%
35) Dibromofluoromethane	5.391	113	113743	50.899	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.800%
50) Toluene-d8	8.653	98	420988	48.646	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.300%
62) 4-Bromofluorobenzene	11.085	95	144105	44.868	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.740%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	516	0.239	ug/l #	82
5) Bromomethane	1.605	94	312	Below Cal	#	39
10) Methyl Iodide	2.453	142	447	1.734	ug/l #	64
11) Tert butyl alcohol	2.965	59	669	1.027	ug/l #	83
16) Acetone	2.380	43	3937	2.881	ug/l	91
17) Carbon Disulfide	2.514	76	1231	0.220	ug/l #	74
20) Methylene Chloride	2.794	84	1226	Below Cal	#	76
25) 2-Butanone	4.605	43	1653	0.720	ug/l #	78
36) 1,1-Dichloropropene	5.550	75	11496	3.575	ug/l #	44
38) Carbon Tetrachloride	5.556	117	14042	4.677	ug/l #	18
44) Trichloroethene	7.141	130	2324	0.841	ug/l	100
49) 1,4-Dioxane	7.641	88	19	0.250	ug/l #	25
60) Dibromochloromethane	9.281	129	1113	0.457	ug/l #	11
64) Tetrachloroethene	9.269	164	1087	0.420	ug/l #	71
67) Ethyl Benzene	10.201	91	3565	Below Cal		97
68) m/p-Xylenes	10.299	106	890	0.201	ug/l	86
76) 1,2,3-Trichloropropane	11.085	75	73419	21.506	ug/l #	38
78) n-propylbenzene	11.305	91	5579	0.462	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.085	75	73419	64.516	ug/l #	13

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

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Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
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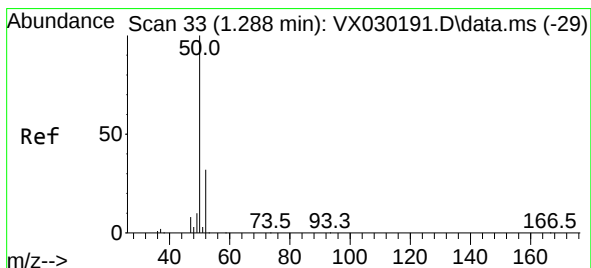
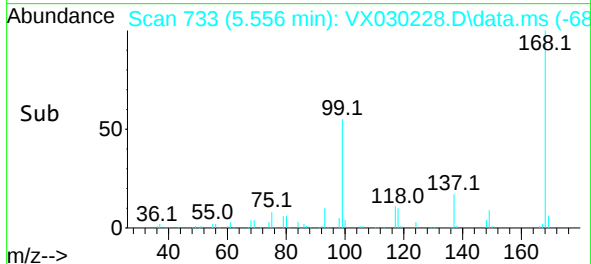
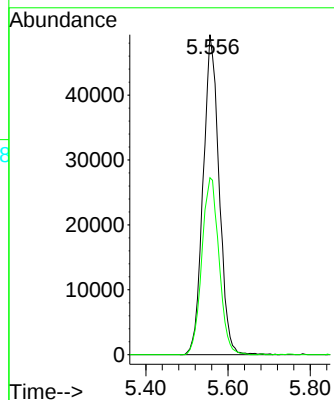
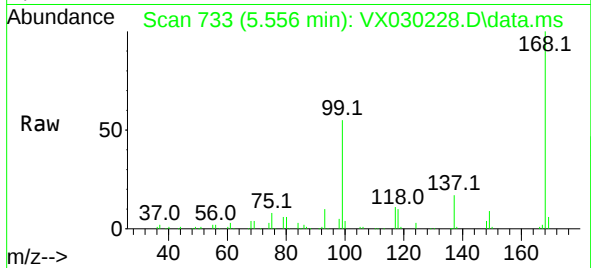




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030228.D
Acq: 27 Jul 2022 13:54

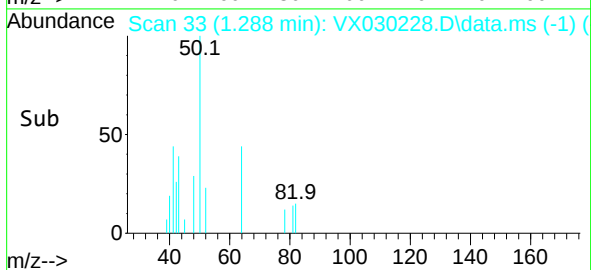
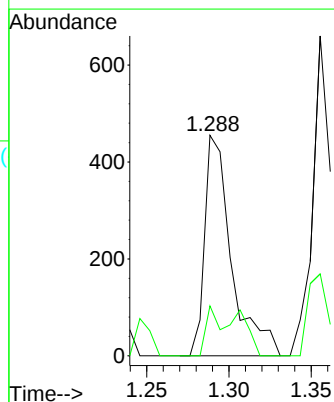
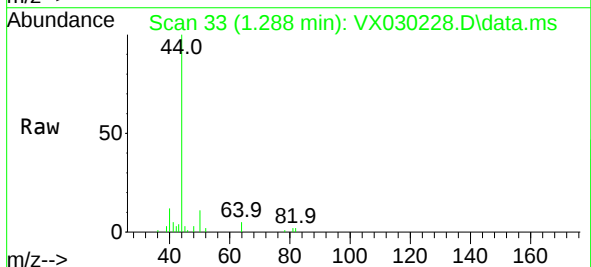
Instrument :
MSVOA_X
ClientSampleId :
SPC-11-84

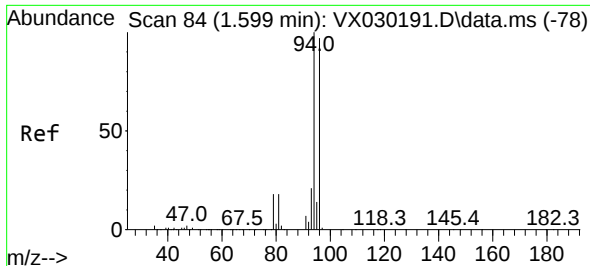
Tgt Ion:168 Resp: 132808
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#3
Chloromethane
Concen: 0.239 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030228.D
Acq: 27 Jul 2022 13:54

Tgt Ion: 50 Resp: 516
Ion Ratio Lower Upper
50 100
52 22.6 26.3 39.5

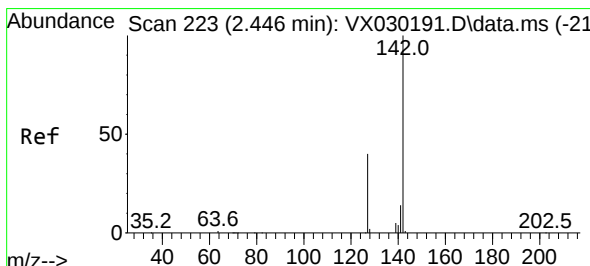
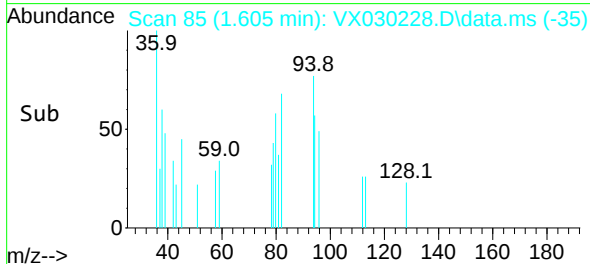
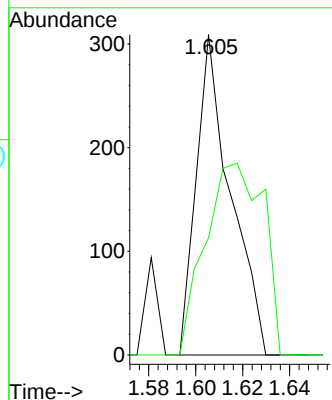
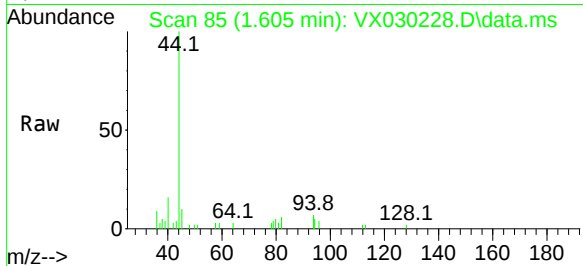




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX030228.D
Acq: 27 Jul 2022 13:54

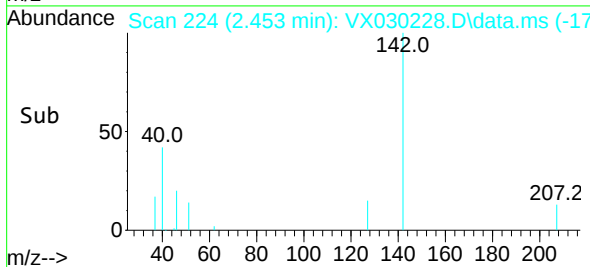
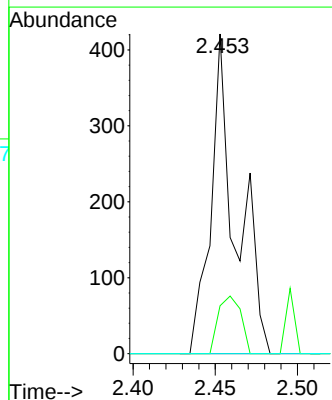
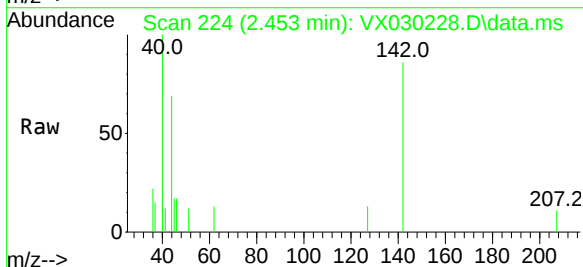
Instrument :
MSVOA_X
ClientSampleId :
SPC-11-84

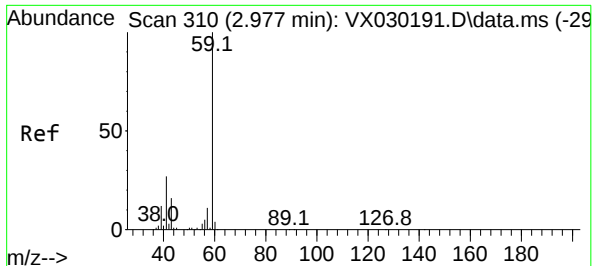
Tgt Ion: 94 Resp: 312
Ion Ratio Lower Upper
94 100
96 36.6 76.9 115.3#



#10
Methyl Iodide
Concen: 1.734 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.007 min
Lab File: VX030228.D
Acq: 27 Jul 2022 13:54

Tgt Ion: 142 Resp: 447
Ion Ratio Lower Upper
142 100
127 16.1 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 1.027 ug/l

RT: 2.965 min Scan# 30

Delta R.T. -0.012 min

Lab File: VX030228.D

Acq: 27 Jul 2022 13:54

Instrument :

MSVOA_X

ClientSampleId :

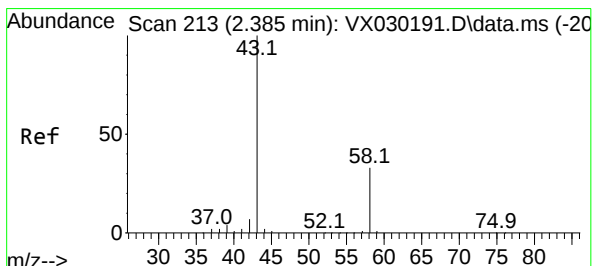
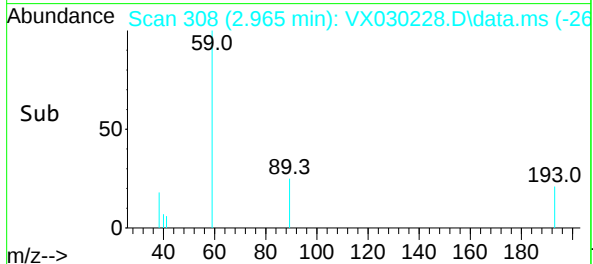
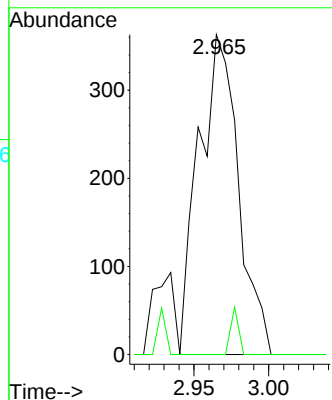
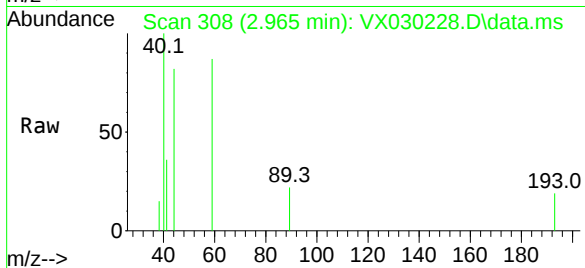
SPC-11-84

Tgt Ion: 59 Resp: 669

Ion Ratio Lower Upper

59 100

57 3.0 7.4 11.2#



#16

Acetone

Concen: 2.881 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.005 min

Lab File: VX030228.D

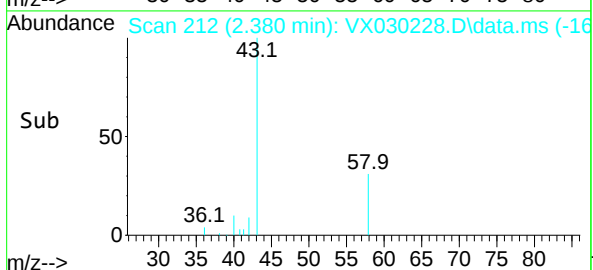
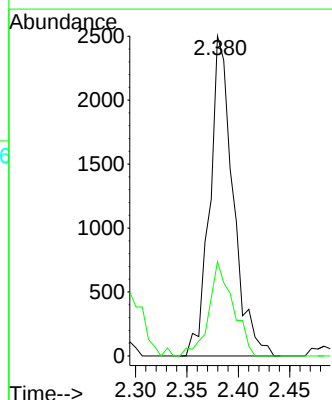
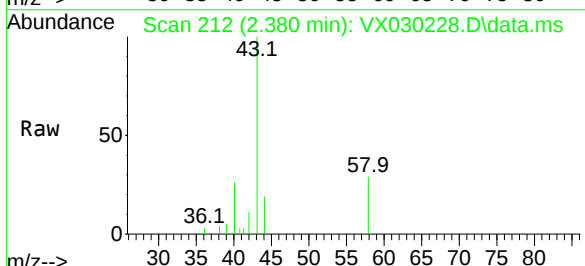
Acq: 27 Jul 2022 13:54

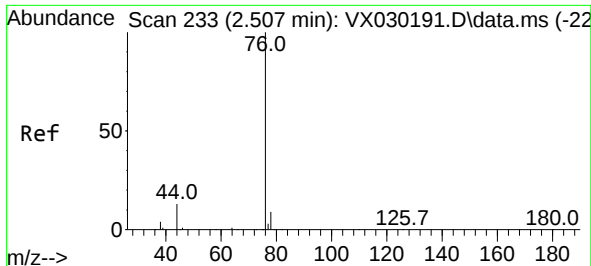
Tgt Ion: 43 Resp: 3937

Ion Ratio Lower Upper

43 100

58 29.5 27.7 41.5

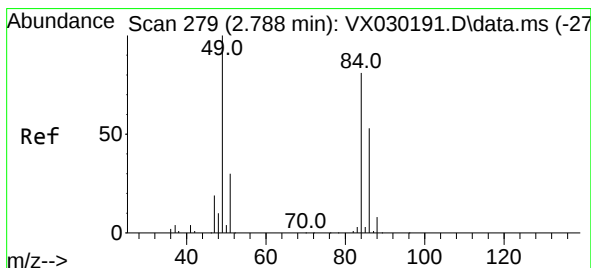
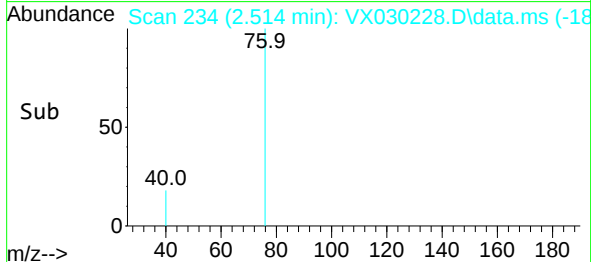
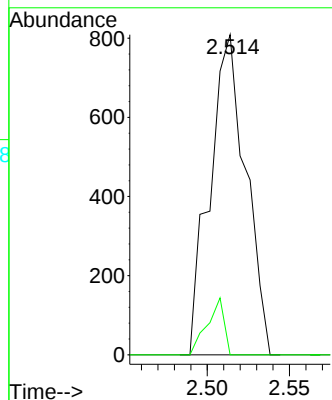
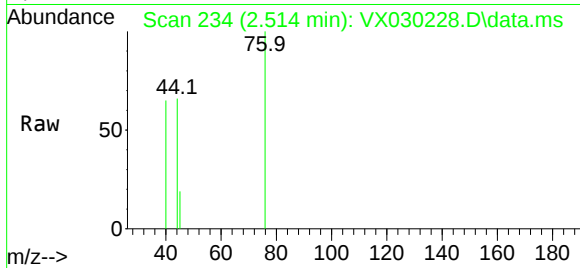




#17
Carbon Disulfide
Concen: 0.220 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX030228.D
Acq: 27 Jul 2022 13:54

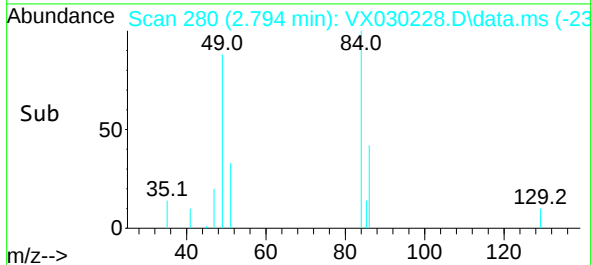
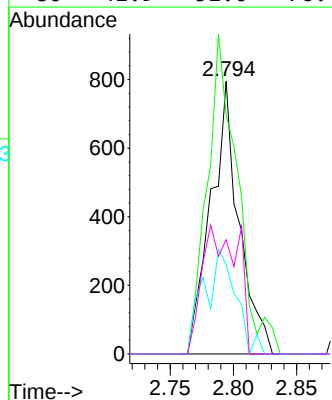
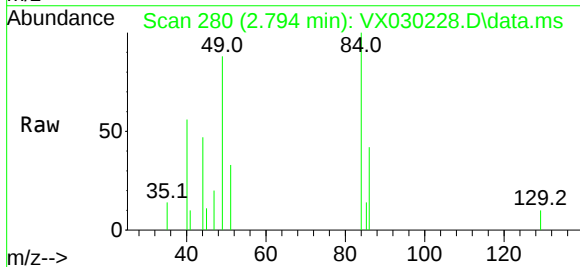
Instrument :
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ClientSampleId :
SPC-11-84

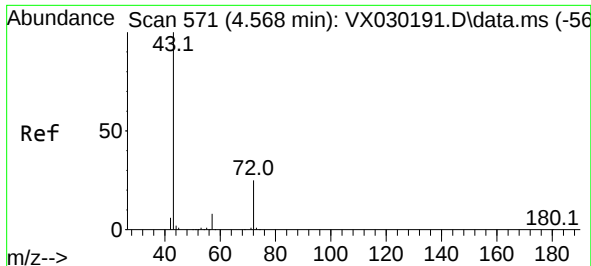
Tgt Ion: 76 Resp: 1231
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030228.D
Acq: 27 Jul 2022 13:54

Tgt Ion: 84 Resp: 1226
Ion Ratio Lower Upper
84 100
49 87.7 93.8 140.6#
51 32.8 29.4 44.0
86 41.9 51.0 76.4#

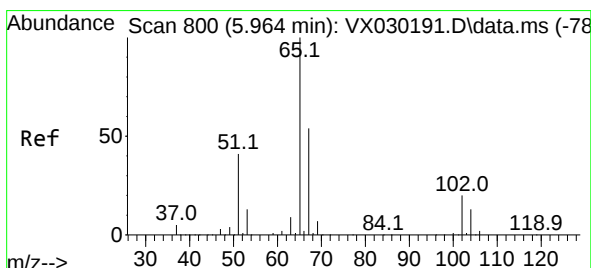
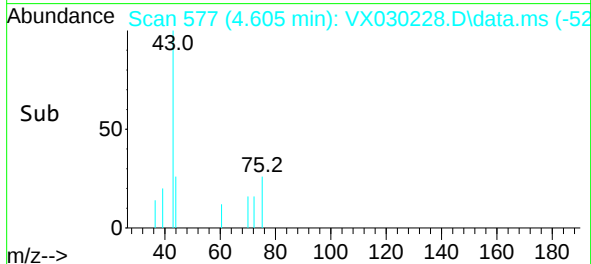
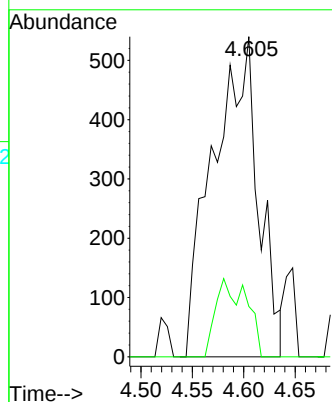
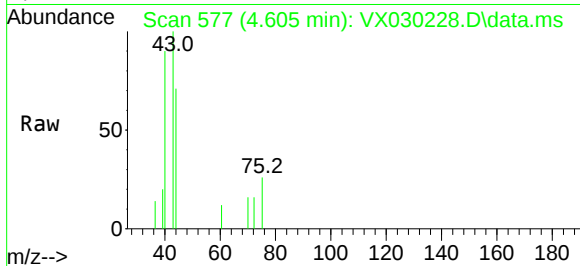




#25
2-Butanone
Concen: 0.720 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX030228.D
Acq: 27 Jul 2022 13:54

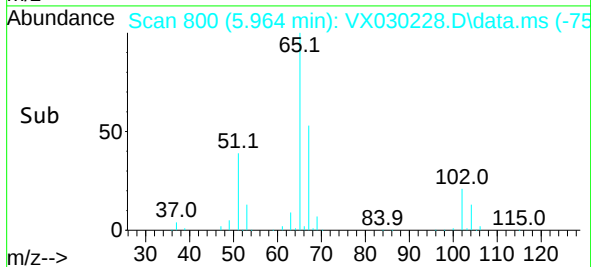
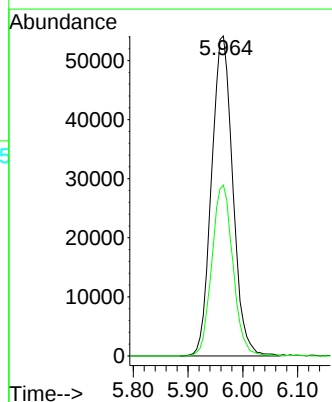
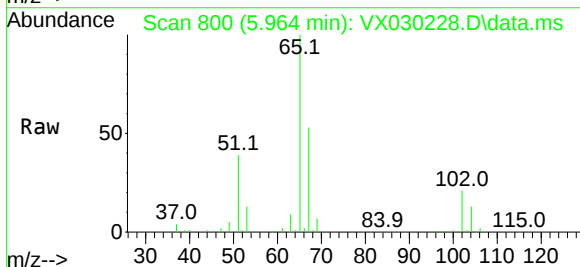
Instrument :
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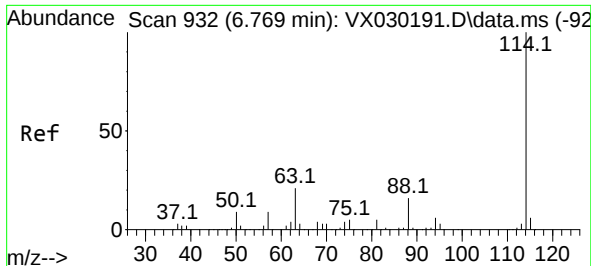
Tgt Ion: 43 Resp: 1653
Ion Ratio Lower Upper
43 100
72 15.7 21.7 32.5#



#33
1,2-Dichloroethane-d4
Concen: 54.542 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX030228.D
Acq: 27 Jul 2022 13:54

Tgt Ion: 65 Resp: 145593
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.6

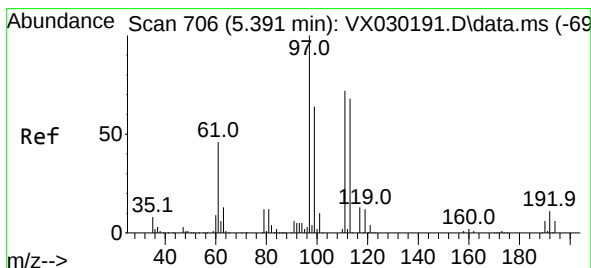
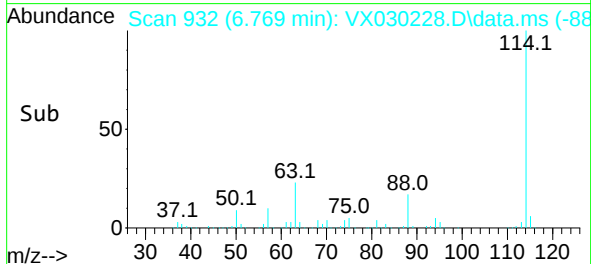
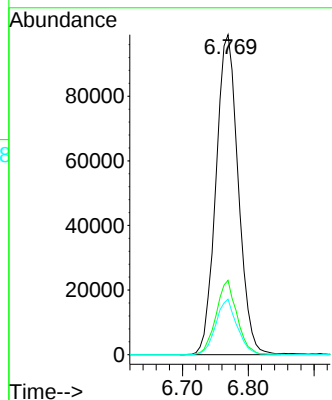
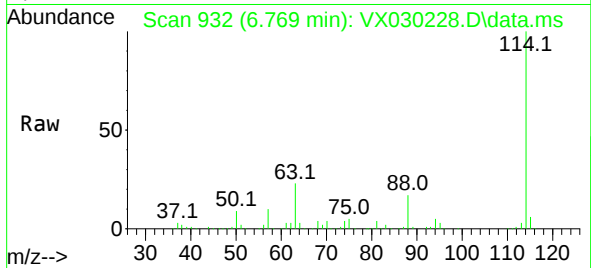




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030228.D
Acq: 27 Jul 2022 13:54

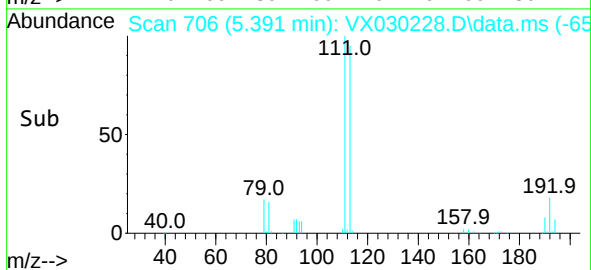
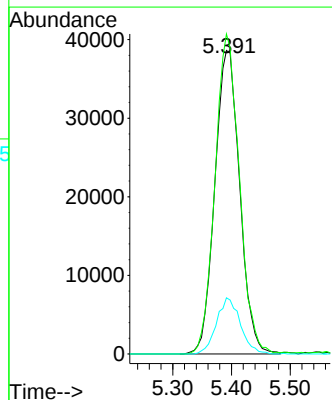
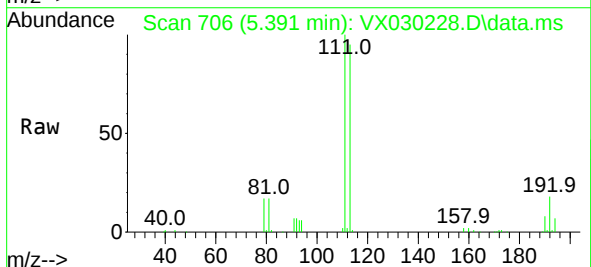
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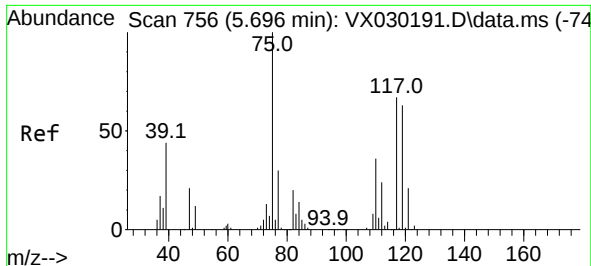
Tgt Ion:114 Resp: 233766
Ion Ratio Lower Upper
114 100
63 23.3 0.0 38.4
88 17.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.899 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030228.D
Acq: 27 Jul 2022 13:54

Tgt Ion:113 Resp: 113743
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 17.7 14.8 22.2

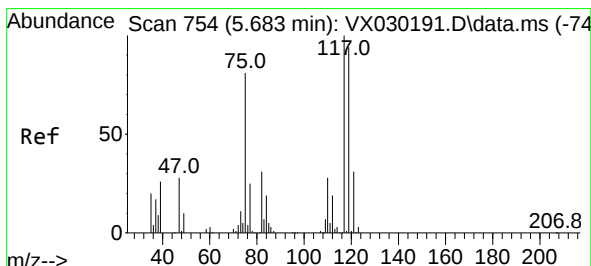
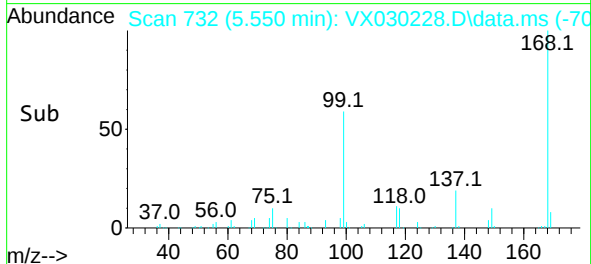
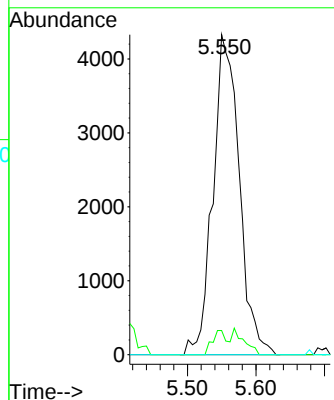
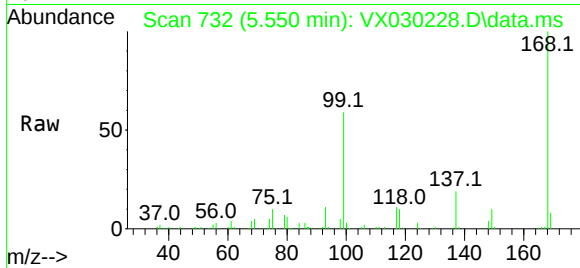




#36
1,1-Dichloropropene
Concen: 3.575 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX030228.D
Acq: 27 Jul 2022 13:54

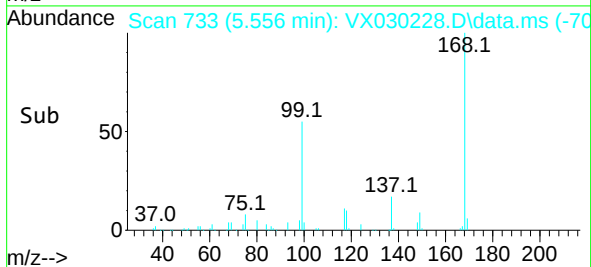
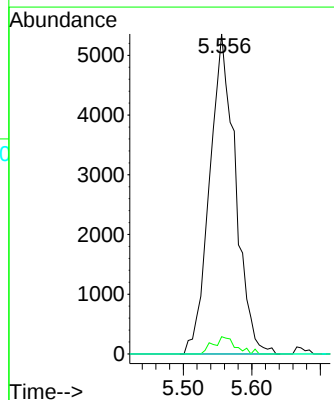
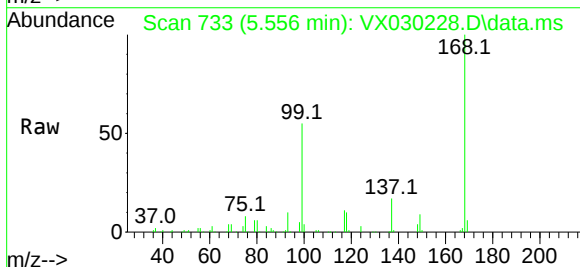
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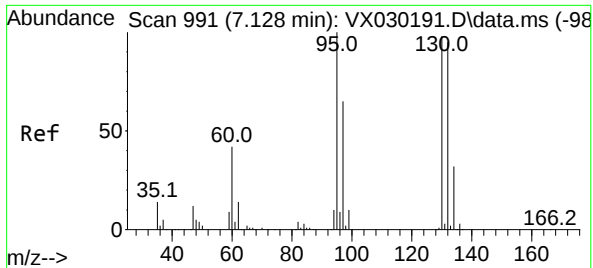
Tgt Ion: 75 Resp: 11496
Ion Ratio Lower Upper
75 100
110 4.3 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.677 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.127 min
Lab File: VX030228.D
Acq: 27 Jul 2022 13:54

Tgt Ion: 117 Resp: 14042
Ion Ratio Lower Upper
117 100
119 5.4 74.1 111.1#
121 0.0 25.8 38.8#

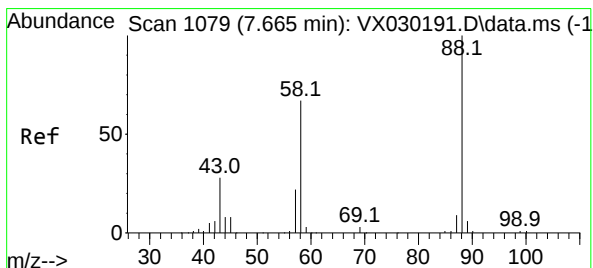
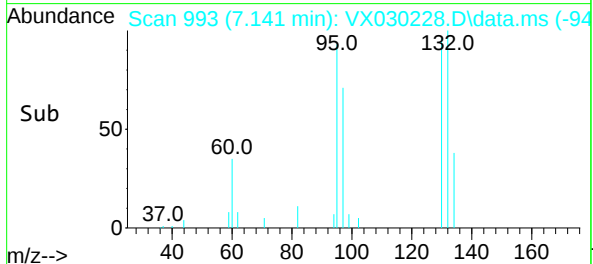
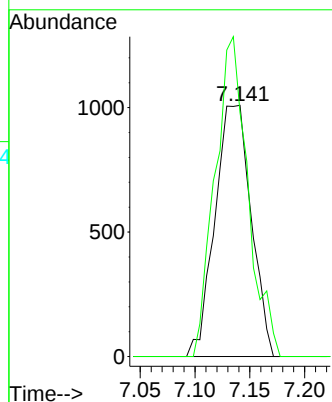
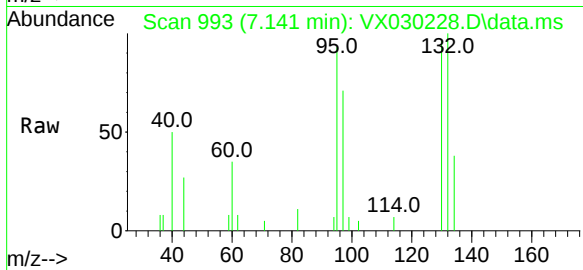




#44
Trichloroethene
Concen: 0.841 ug/l
RT: 7.141 min Scan# 991
Delta R.T. 0.013 min
Lab File: VX030228.D
Acq: 27 Jul 2022 13:54

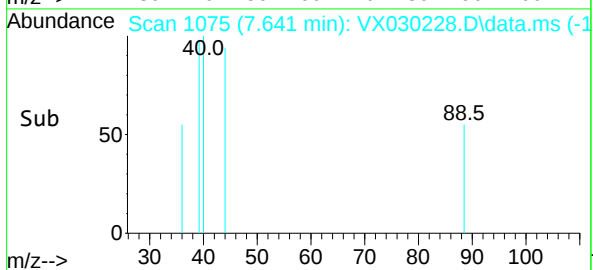
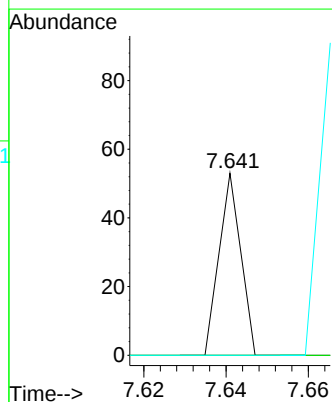
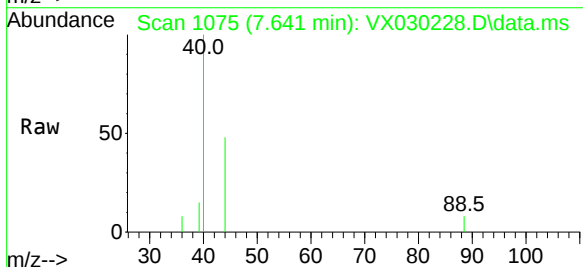
Instrument :
MSVOA_X
ClientSampleId :
SPC-11-84

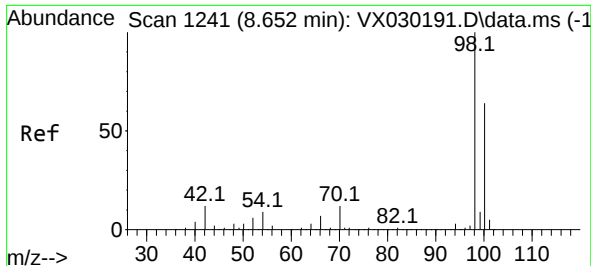
Tgt Ion:130 Resp: 2324
Ion Ratio Lower Upper
130 100
95 97.1 0.0 194.8



#49
1,4-Dioxane
Concen: 0.250 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. -0.024 min
Lab File: VX030228.D
Acq: 27 Jul 2022 13:54

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 0.0 53.8 80.6#

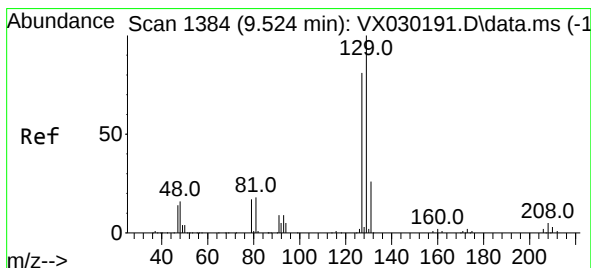
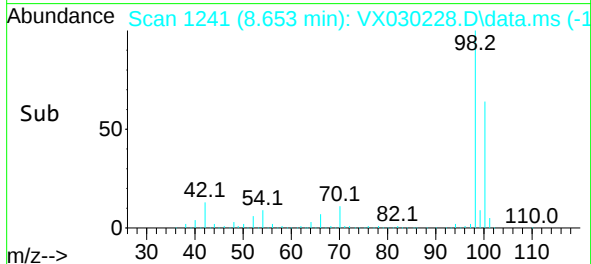
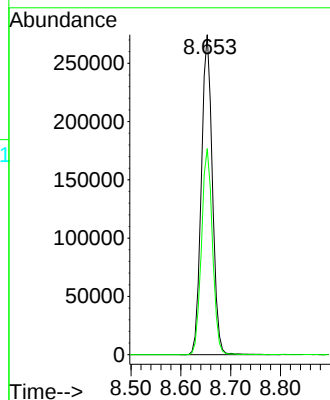
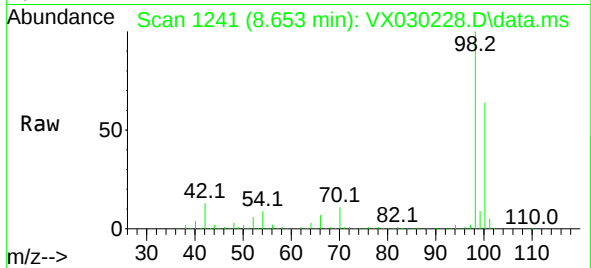




#50
Toluene-d8
Concen: 48.646 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030228.D
Acq: 27 Jul 2022 13:54

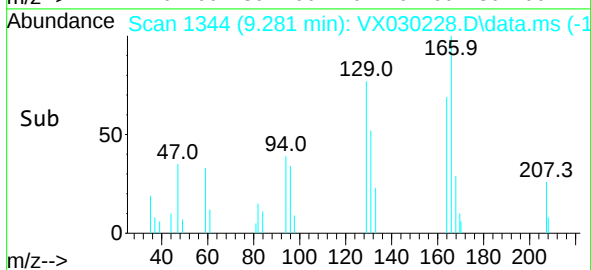
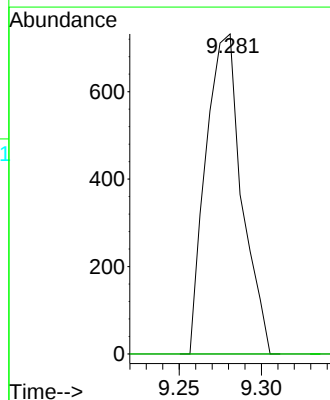
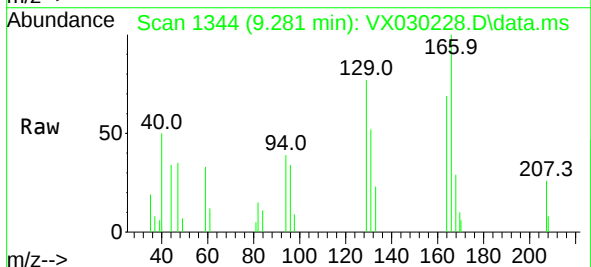
Instrument :
MSVOA_X
ClientSampleId :
SPC-11-84

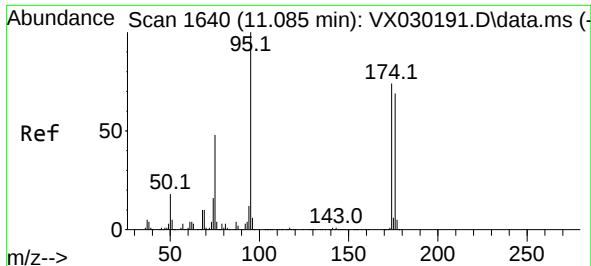
Tgt Ion: 98 Resp: 420988
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5



#60
Dibromochloromethane
Concen: 0.457 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.243 min
Lab File: VX030228.D
Acq: 27 Jul 2022 13:54

Tgt Ion: 129 Resp: 1113
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

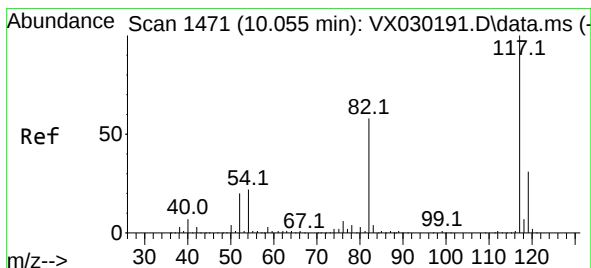
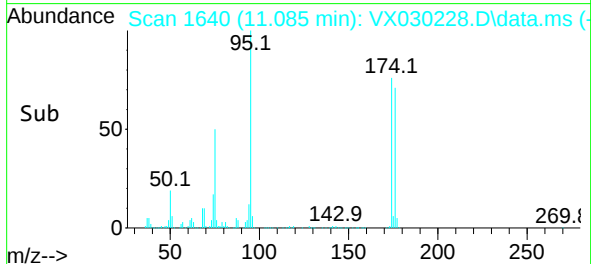
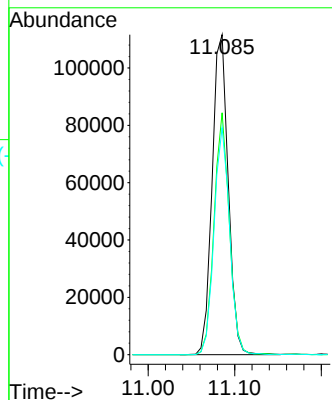
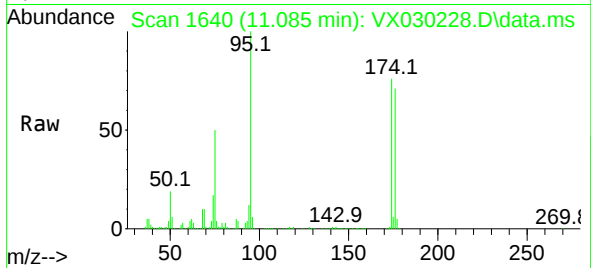




#62
4-Bromofluorobenzene
Concen: 44.868 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030228.D
Acq: 27 Jul 2022 13:54

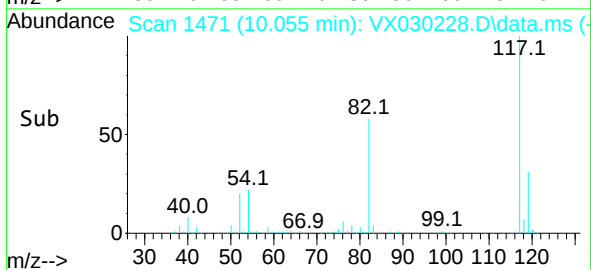
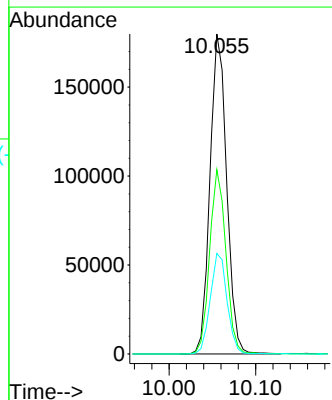
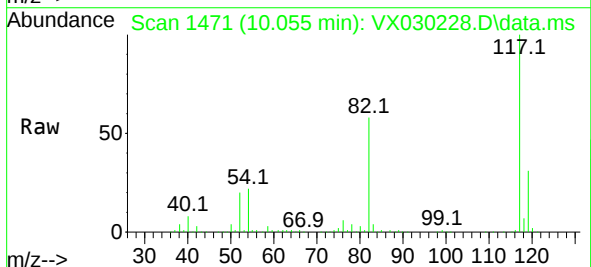
Instrument :
MSVOA_X
ClientSampleId :
SPC-11-84

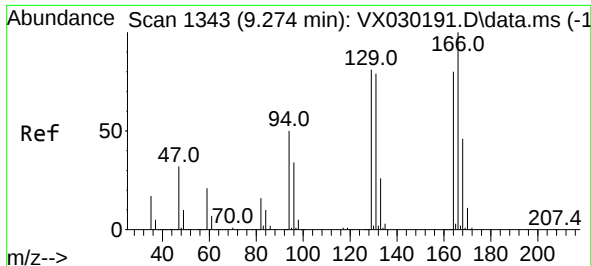
Tgt Ion: 95 Resp: 144105
Ion Ratio Lower Upper
95 100
174 71.7 0.0 149.0
176 68.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030228.D
Acq: 27 Jul 2022 13:54

Tgt Ion: 117 Resp: 240510
Ion Ratio Lower Upper
117 100
82 57.6 42.7 64.1
119 31.4 25.4 38.2

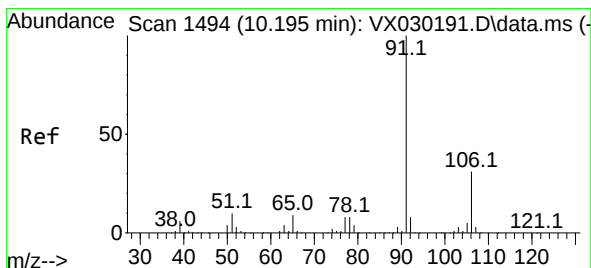
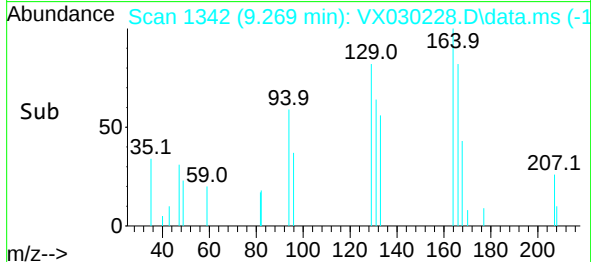
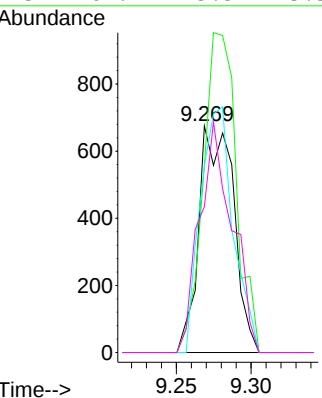
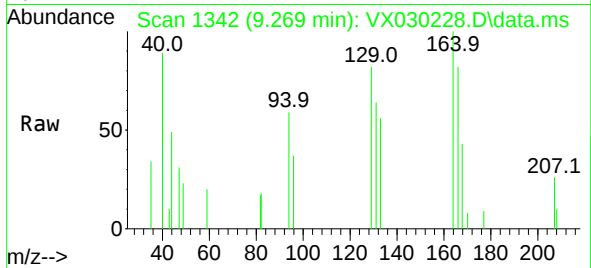




#64
Tetrachloroethene
Concen: 0.420 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.005 min
Lab File: VX030228.D
Acq: 27 Jul 2022 13:54

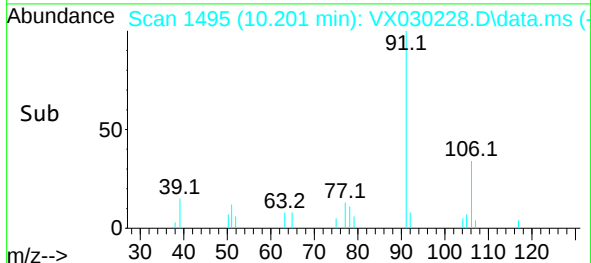
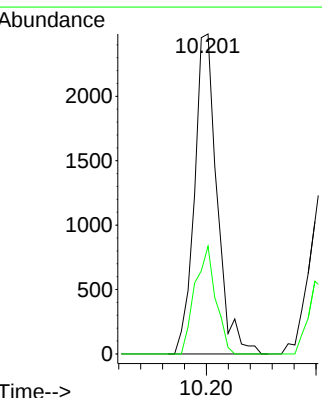
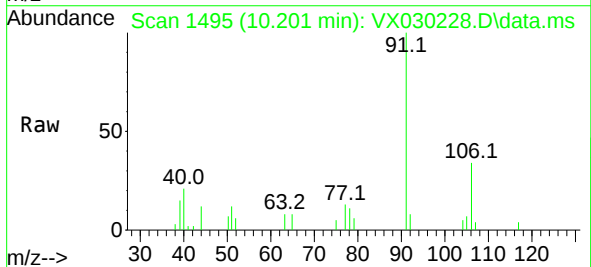
Instrument :
MSVOA_X
ClientSampleId :
SPC-11-84

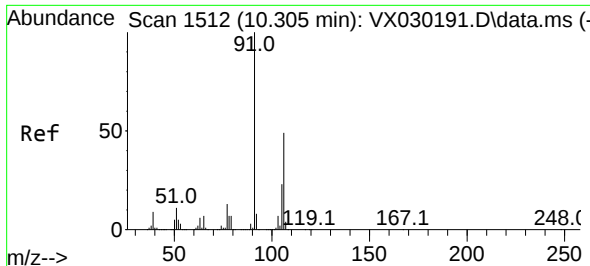
Tgt Ion:164	Resp:	1087
Ion	Ratio	Lower Upper
164	100	
166	82.2	98.2 147.4#
129	82.4	80.8 121.2
131	64.4	75.5 113.3#



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030228.D
Acq: 27 Jul 2022 13:54

Tgt Ion: 91	Resp:	3565
Ion	Ratio	Lower Upper
91	100	
106	33.7	25.5 38.3

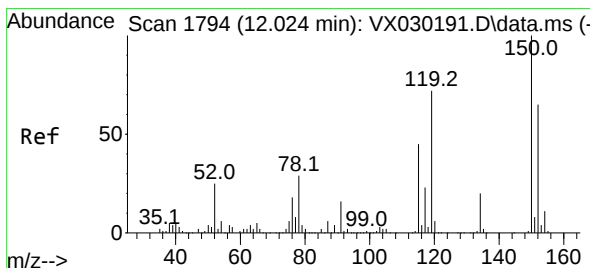
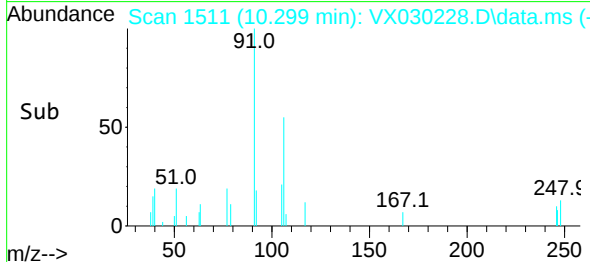
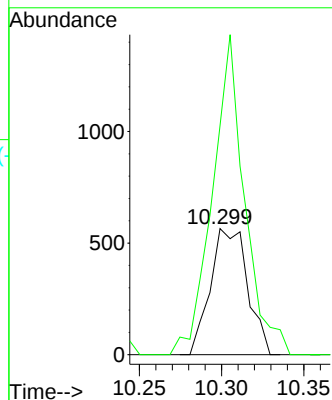
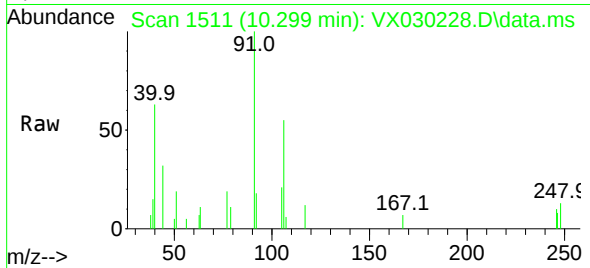




#68
m/p-Xylenes
Concen: 0.201 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX030228.D
Acq: 27 Jul 2022 13:54

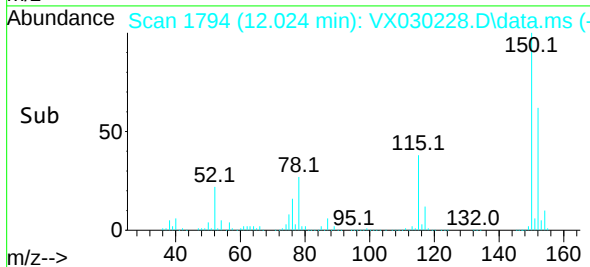
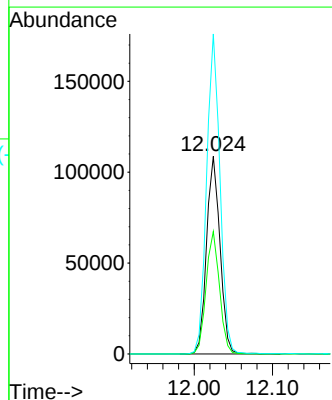
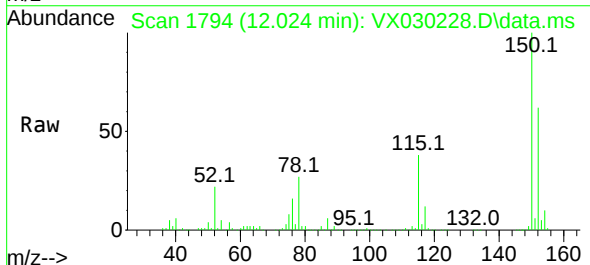
Instrument :
MSVOA_X
ClientSampleId :
SPC-11-84

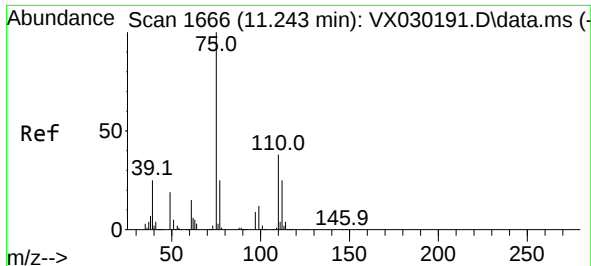
Tgt Ion:106 Resp: 890
Ion Ratio Lower Upper
106 100
91 219.6 158.2 237.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030228.D
Acq: 27 Jul 2022 13:54

Tgt Ion:152 Resp: 129513
Ion Ratio Lower Upper
152 100
115 61.5 40.5 121.5
150 160.5 0.0 347.0

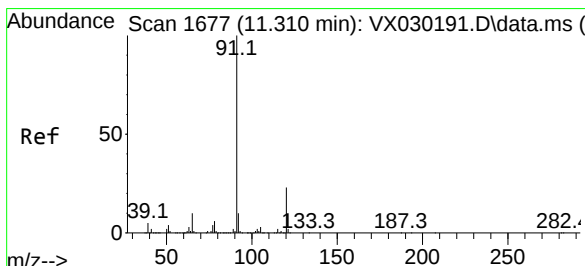
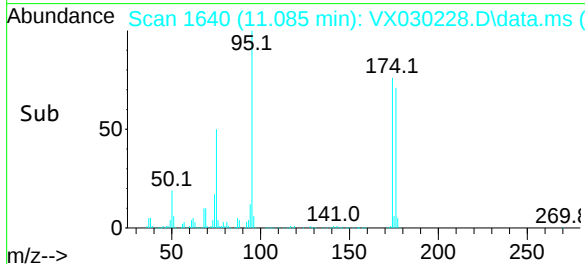
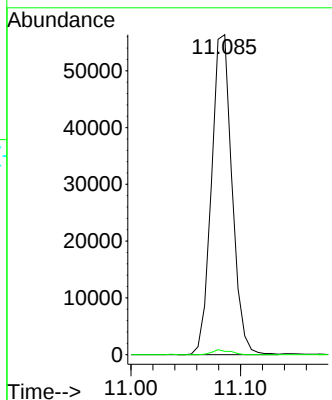
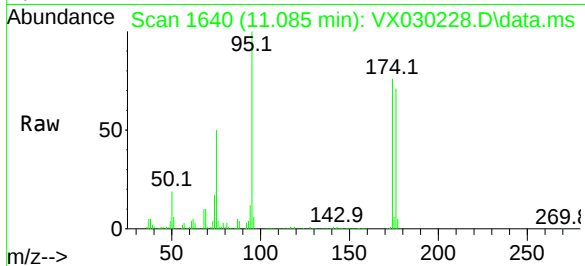




#76
1,2,3-Trichloropropane
Concen: 21.506 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX030228.D
Acq: 27 Jul 2022 13:54

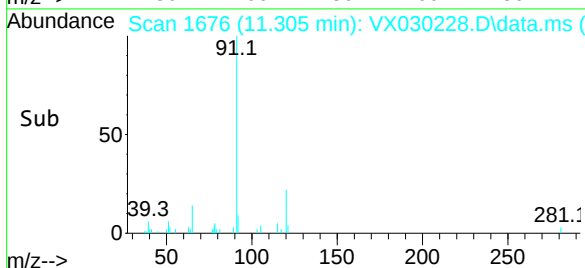
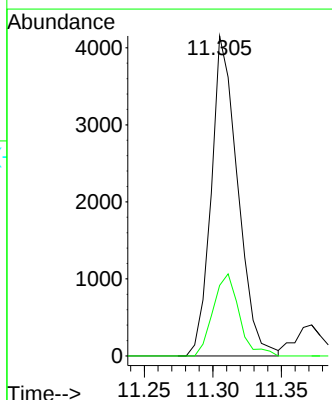
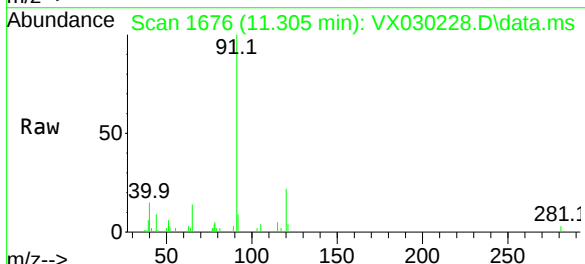
Instrument :
MSVOA_X
ClientSampleId :
SPC-11-84

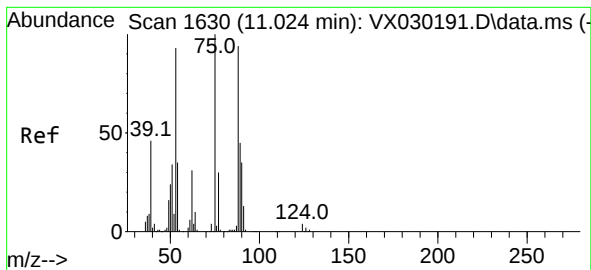
Tgt Ion: 75 Resp: 73419
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#



#78
n-propylbenzene
Concen: 0.462 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.005 min
Lab File: VX030228.D
Acq: 27 Jul 2022 13:54

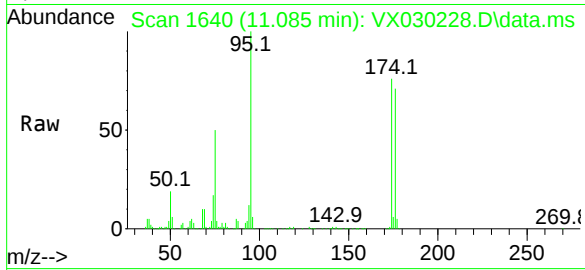
Tgt Ion: 91 Resp: 5579
Ion Ratio Lower Upper
91 100
120 25.2 11.6 34.8





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.516 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030228.D
 Acq: 27 Jul 2022 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SPC-11-84



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.2	111.4#
89	0.1	34.8	52.2#

