

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017582.D
 Acq On : 06 Mar 2024 10:14
 Operator : SY/MD
 Sample : VY0306SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0306SBL02

Quant Time: Mar 07 02:04:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

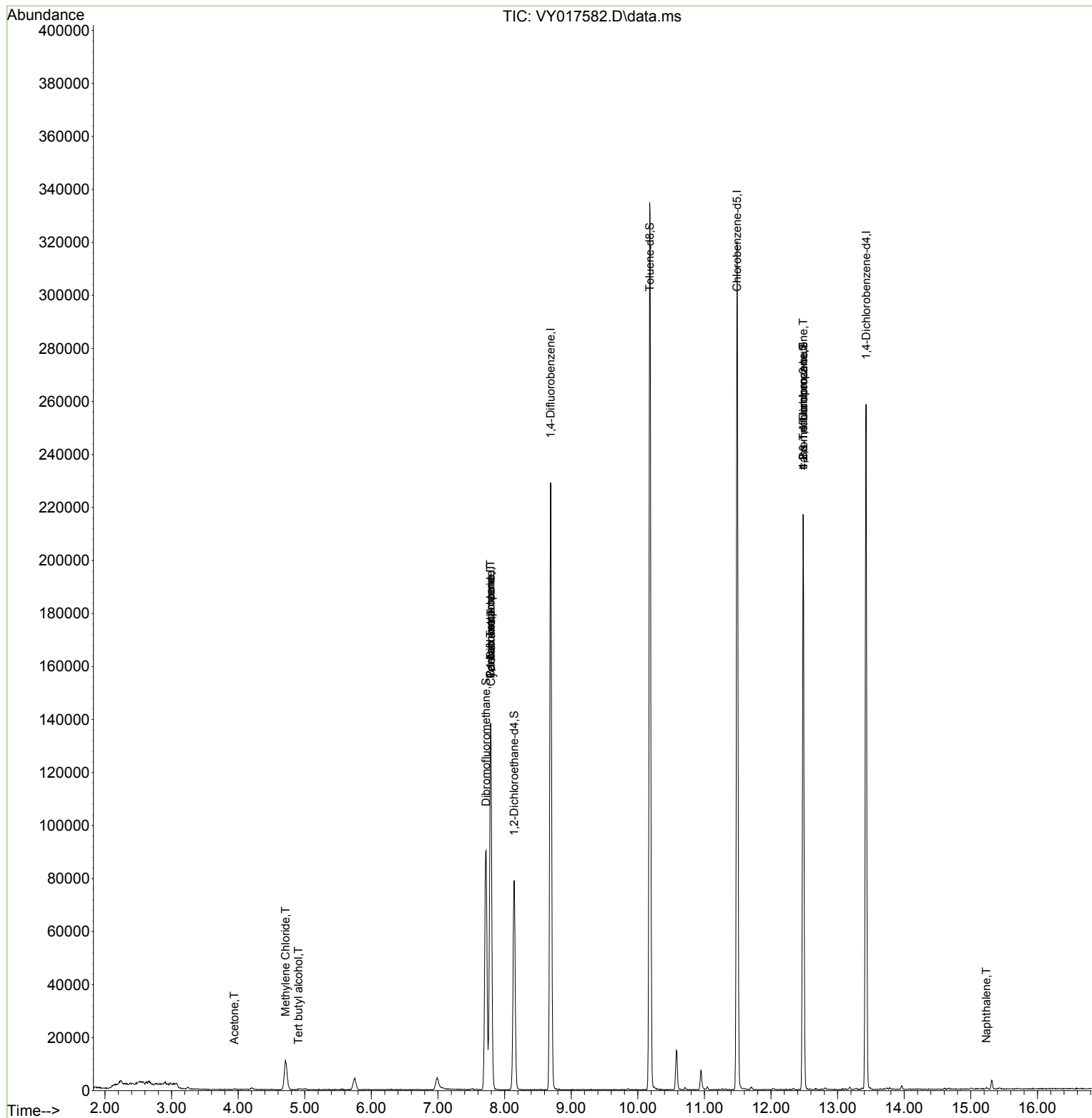
Internal Standards						
1) Pentafluorobenzene	7.789	168	115129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	204763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	183415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	59050	54.119	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.240%			
35) Dibromofluoromethane	7.722	113	66892	46.881	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.760%			
50) Toluene-d8	10.179	98	232484	46.601	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.200%			
62) 4-Bromofluorobenzene	12.483	95	61881	39.469	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 78.940%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.905	59	275	2.967	ug/l #	88
16) Acetone	3.942	43	309	1.460	ug/l #	75
20) Methylene Chloride	4.710	84	8834	1.827	ug/l	96
31) Cyclohexane	7.795	56	2073	1.167	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8473	4.401	ug/l #	47
38) Carbon Tetrachloride	7.789	117	10744	5.569	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	30748	46.692	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	30748	107.287	ug/l #	16
95) Naphthalene	15.233	128	650	4.191	ug/l #	80

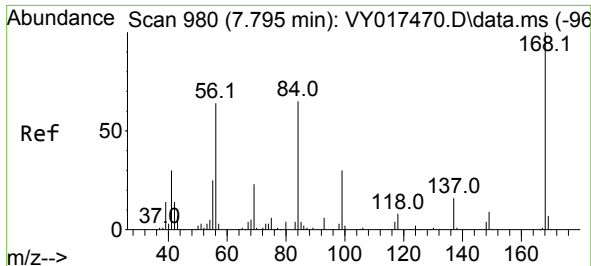
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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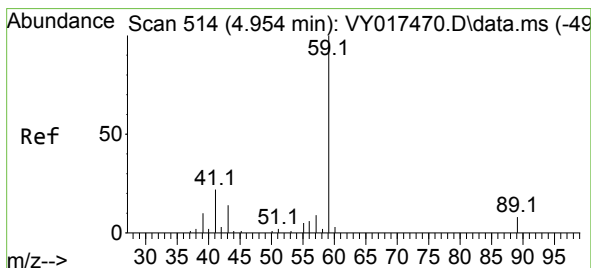
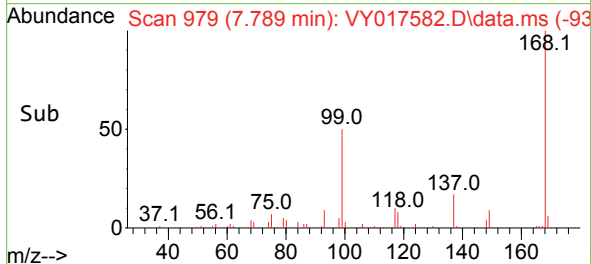
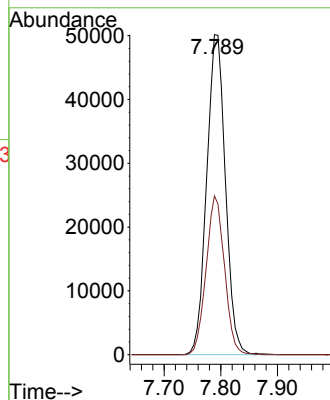
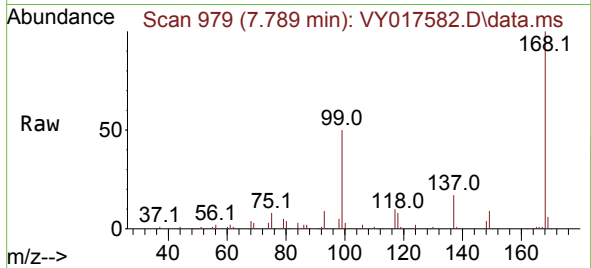




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017582.D
Acq: 06 Mar 2024 10:14

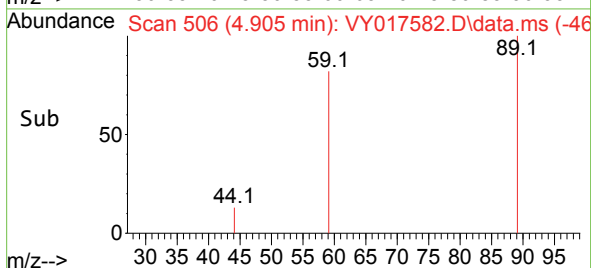
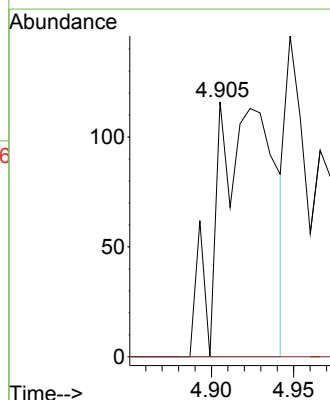
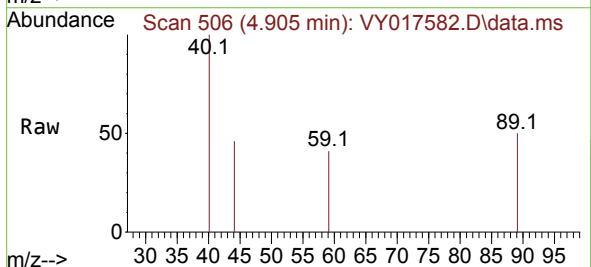
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL02

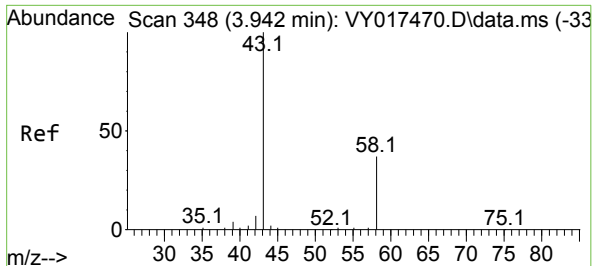
Tgt Ion:168 Resp: 115129
Ion Ratio Lower Upper
168 100
99 49.6 39.1 58.7



#11
Tert butyl alcohol
Concen: 2.967 ug/l
RT: 4.905 min Scan# 506
Delta R.T. -0.049 min
Lab File: VY017582.D
Acq: 06 Mar 2024 10:14

Tgt Ion: 59 Resp: 275
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 1.460 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY017582.D

Acq: 06 Mar 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

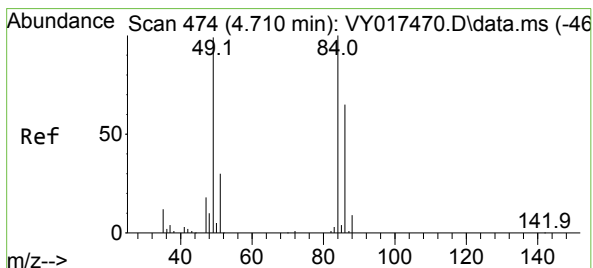
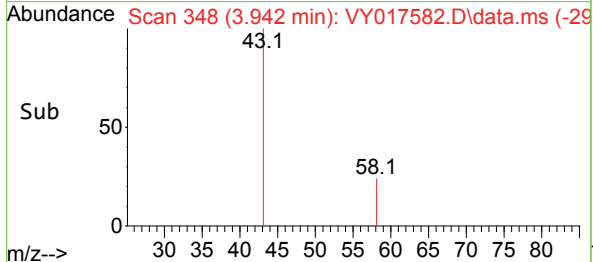
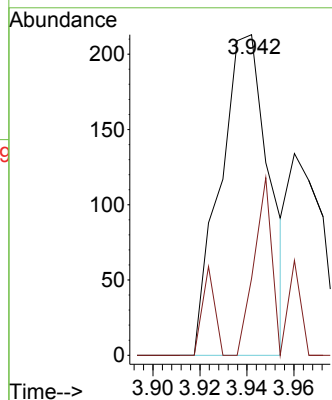
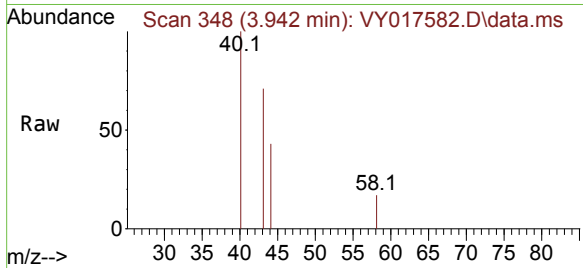
VY0306SBL02

Tgt Ion: 43 Resp: 309

Ion Ratio Lower Upper

43 100

58 23.9 31.7 47.5#



#20

Methylene Chloride

Concen: 1.827 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY017582.D

Acq: 06 Mar 2024 10:14

Tgt Ion: 84 Resp: 8834

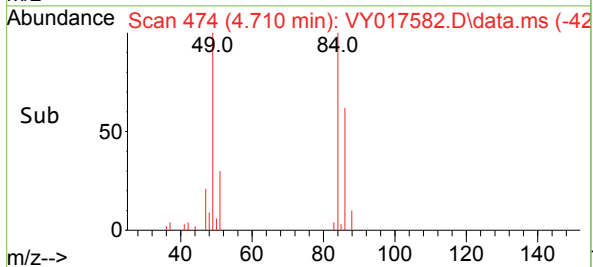
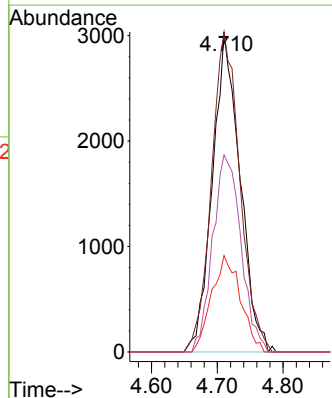
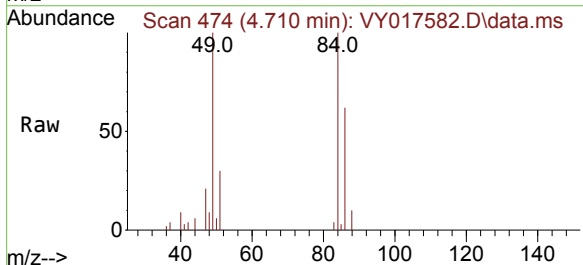
Ion Ratio Lower Upper

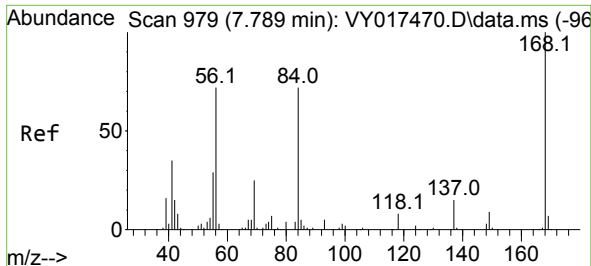
84 100

49 100.0 84.4 126.6

51 30.1 26.0 39.0

86 61.5 49.5 74.3

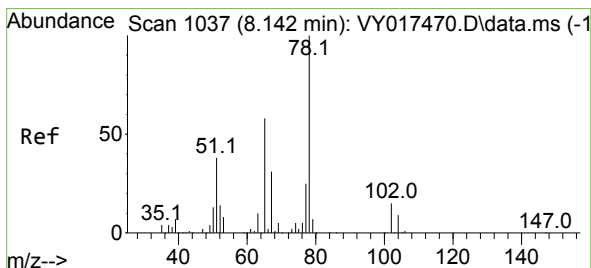
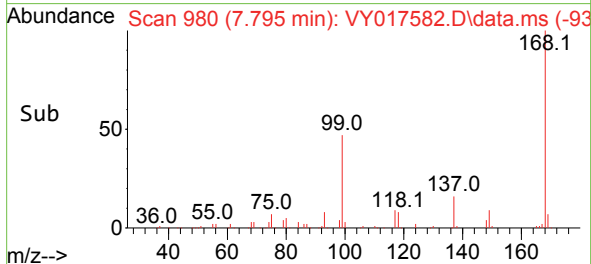
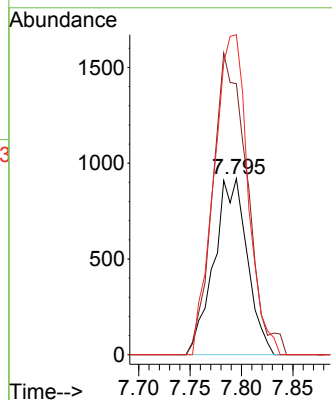
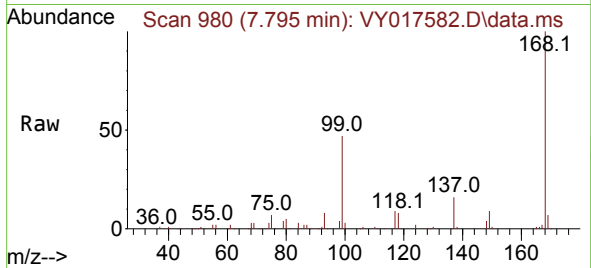




#31
Cyclohexane
Concen: 1.167 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017582.D
Acq: 06 Mar 2024 10:14

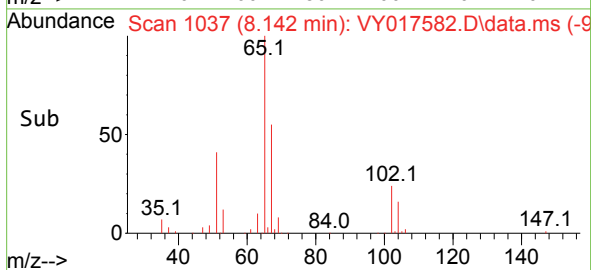
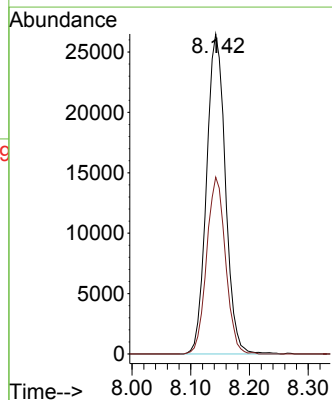
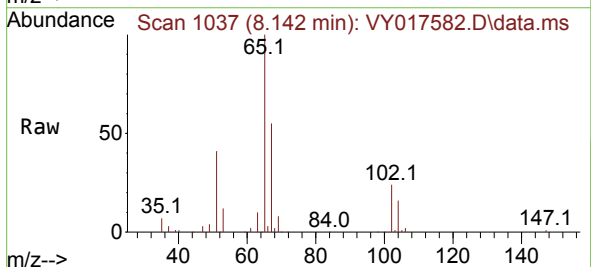
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL02

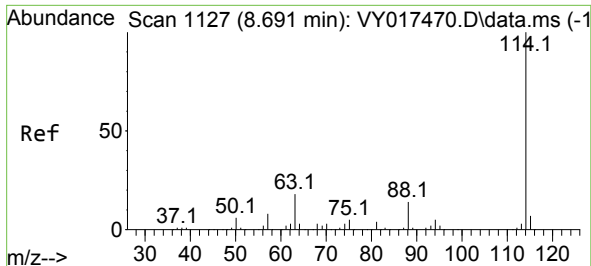
Tgt Ion: 56 Resp: 2073
Ion Ratio Lower Upper
56 100
69 154.0 28.7 43.1#
84 181.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 54.119 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017582.D
Acq: 06 Mar 2024 10:14

Tgt Ion: 65 Resp: 59050
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.6

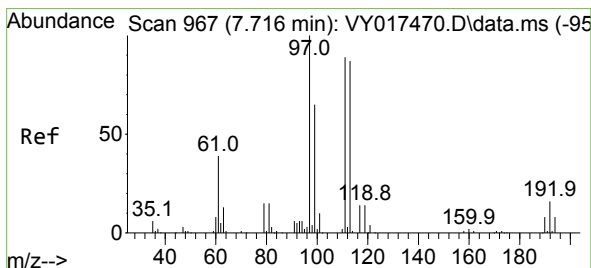
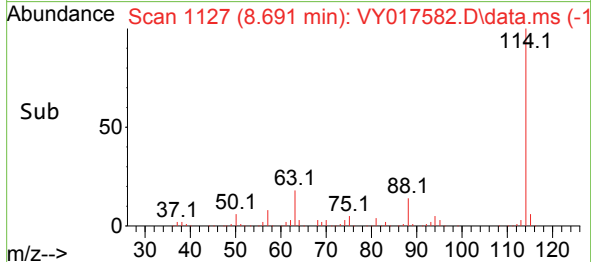
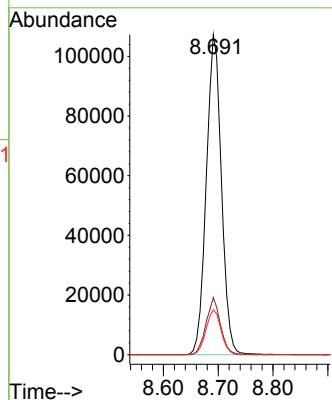
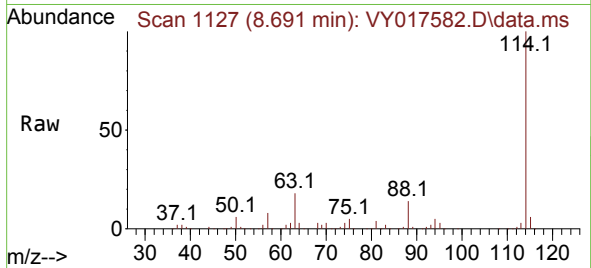




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017582.D
Acq: 06 Mar 2024 10:14

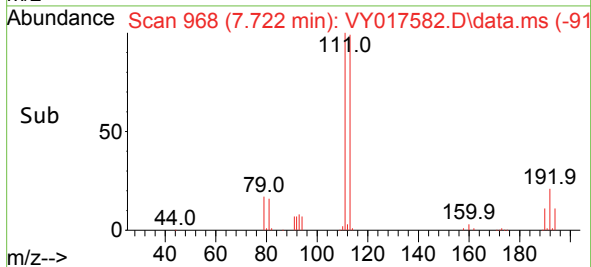
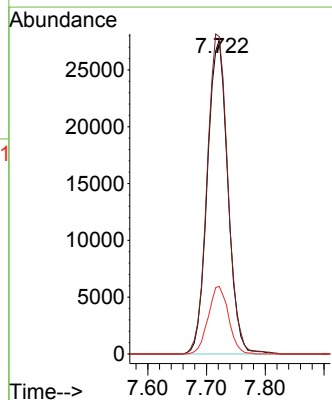
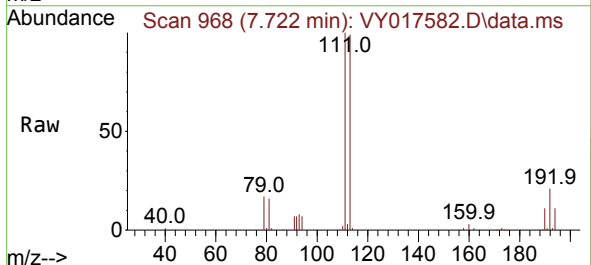
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL02

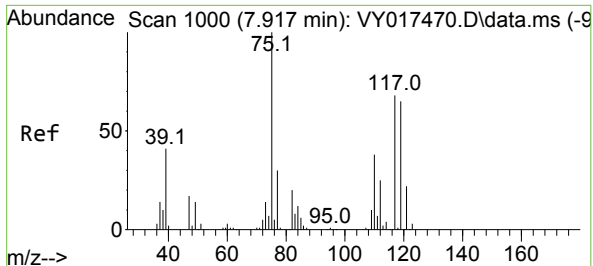
Tgt Ion:114 Resp: 204763
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.0
88 14.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 46.881 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY017582.D
Acq: 06 Mar 2024 10:14

Tgt Ion:113 Resp: 66892
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 21.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.401 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY017582.D

Acq: 06 Mar 2024 10:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0306SBL02

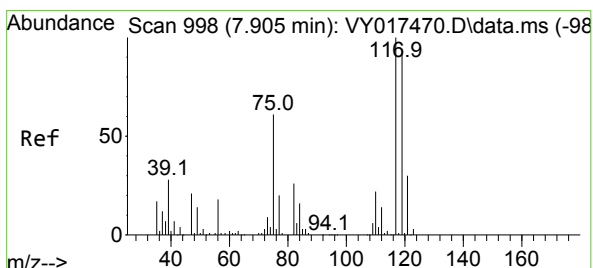
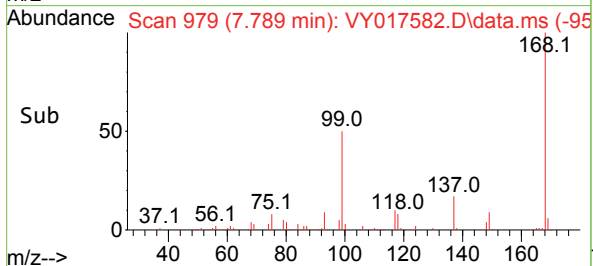
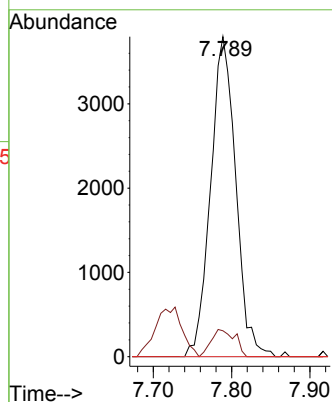
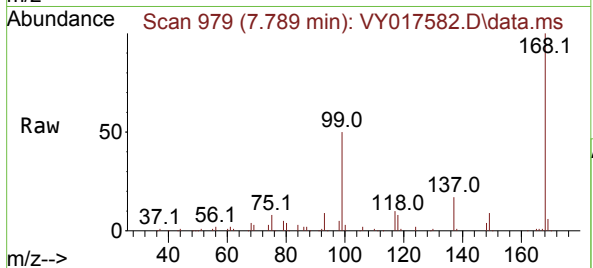
Tgt Ion: 75 Resp: 8473

Ion Ratio Lower Upper

75 100

110 8.1 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.569 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY017582.D

Acq: 06 Mar 2024 10:14

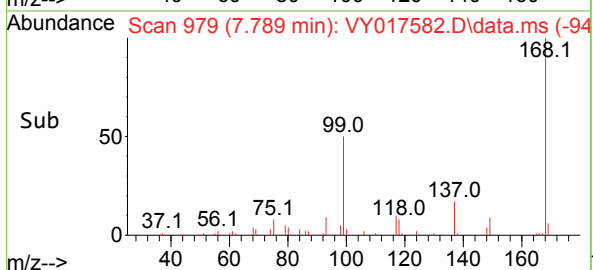
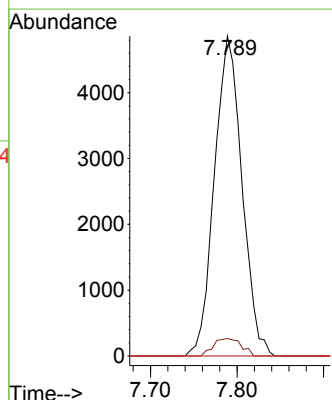
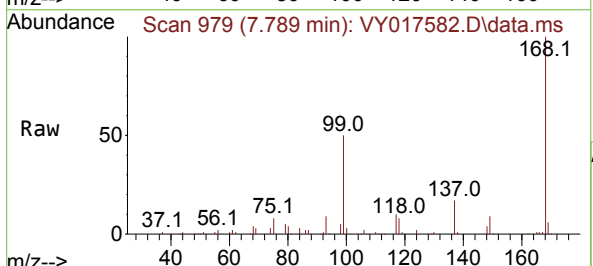
Tgt Ion: 117 Resp: 10744

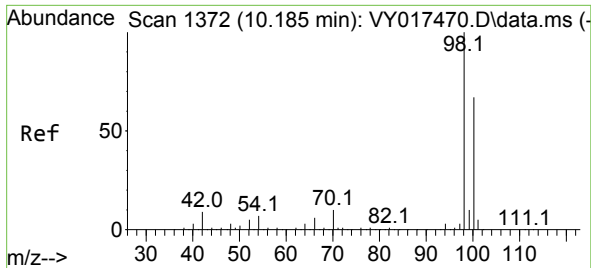
Ion Ratio Lower Upper

117 100

119 5.4 75.8 113.6#

121 0.0 24.0 36.0#

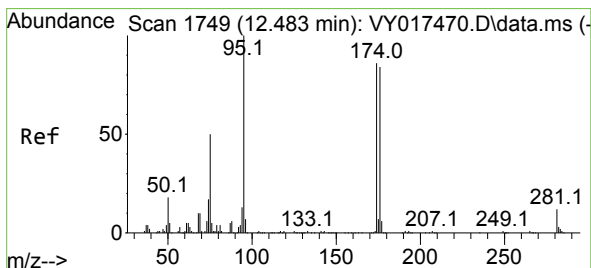
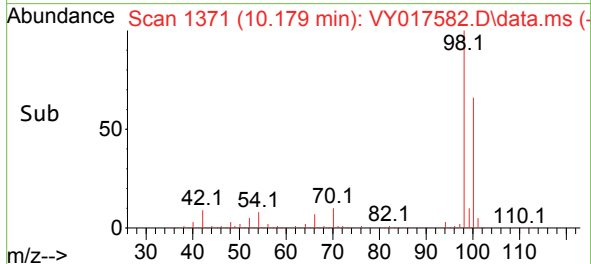
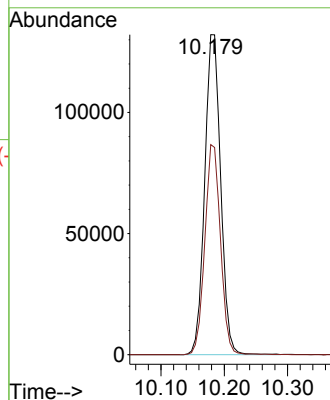
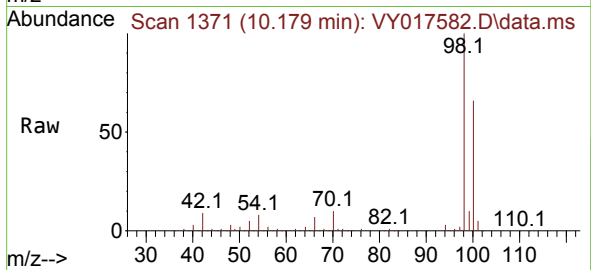




#50
Toluene-d8
Concen: 46.601 ug/l
RT: 10.179 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY017582.D
Acq: 06 Mar 2024 10:14

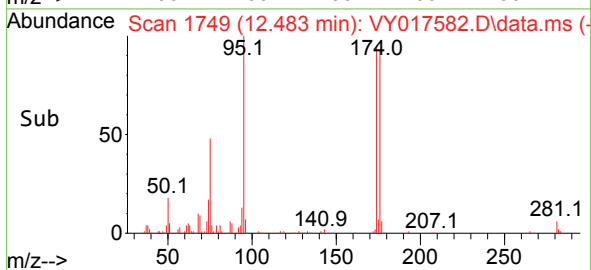
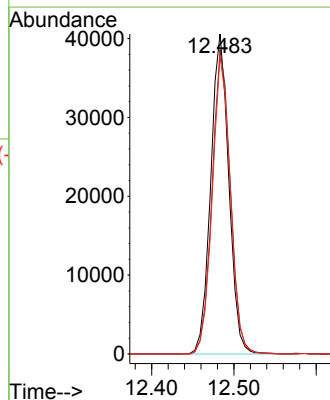
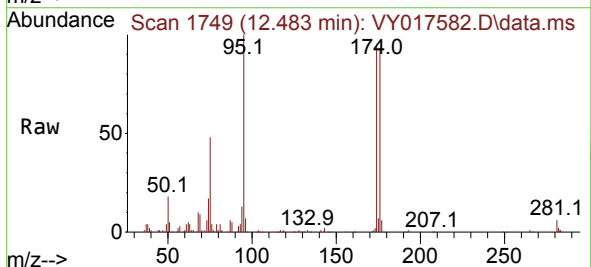
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL02

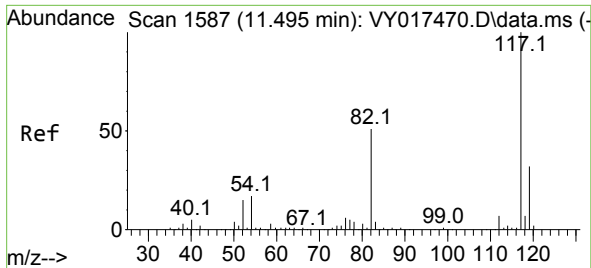
Tgt Ion: 98 Resp: 232484
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.469 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017582.D
Acq: 06 Mar 2024 10:14

Tgt Ion: 95 Resp: 61881
Ion Ratio Lower Upper
95 100
174 96.4 0.0 175.6
176 93.1 0.0 171.4

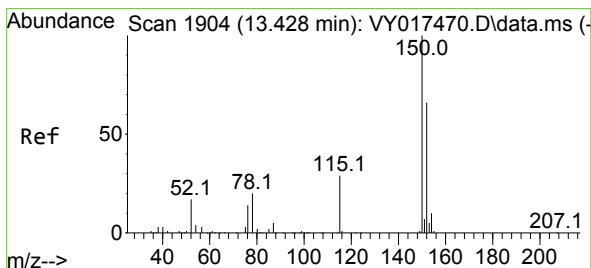
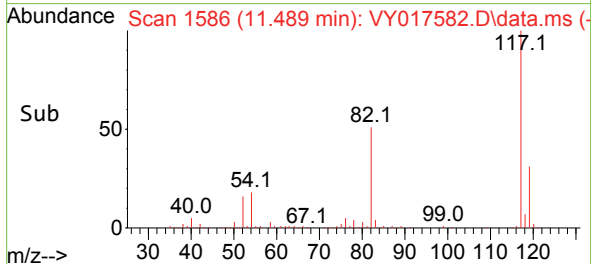
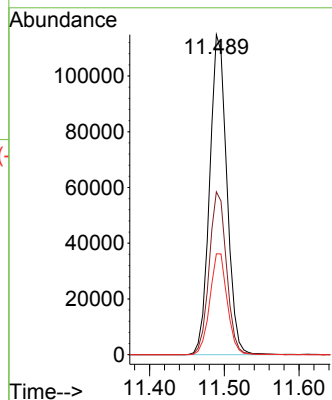
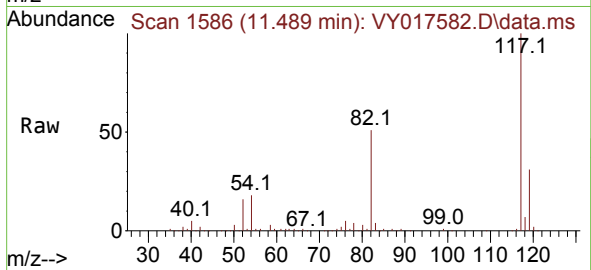




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017582.D
Acq: 06 Mar 2024 10:14

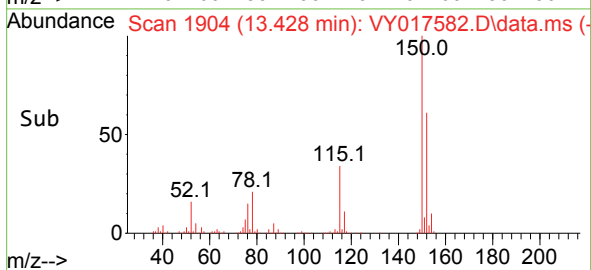
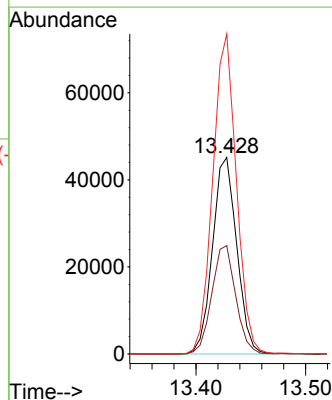
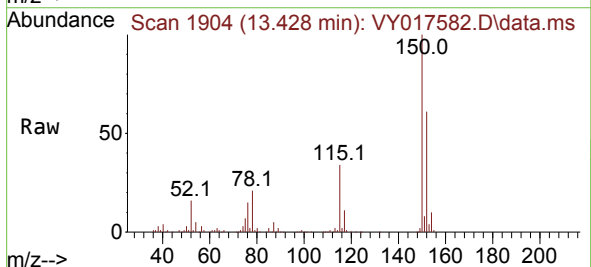
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL02

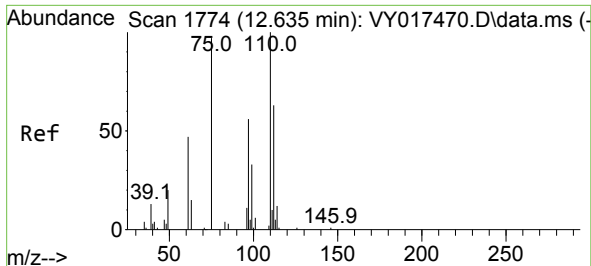
Tgt Ion:117 Resp: 183415
Ion Ratio Lower Upper
117 100
82 50.9 42.4 63.6
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017582.D
Acq: 06 Mar 2024 10:14

Tgt Ion:152 Resp: 69308
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 159.0 0.0 345.6

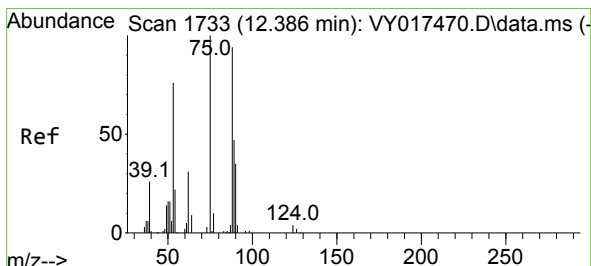
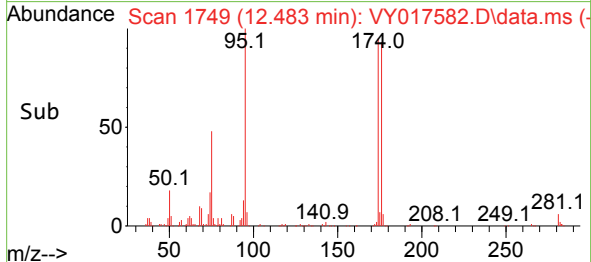
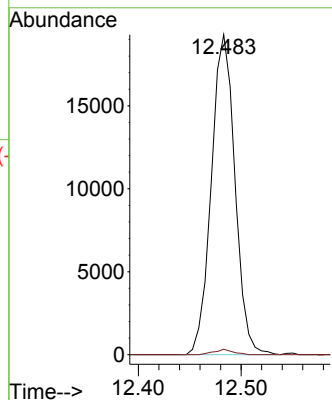
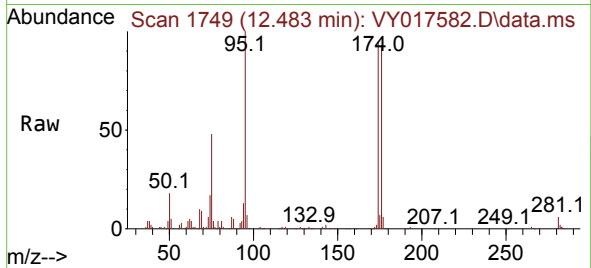




#76
1,2,3-Trichloropropane
Concen: 46.692 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY017582.D
Acq: 06 Mar 2024 10:14

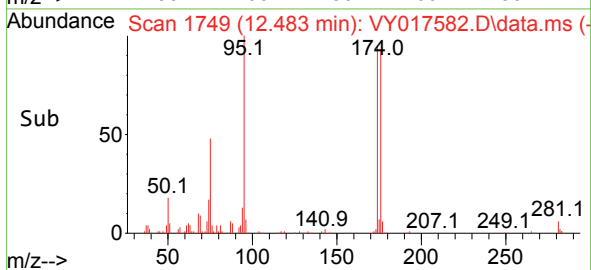
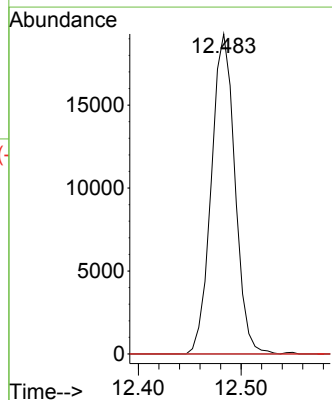
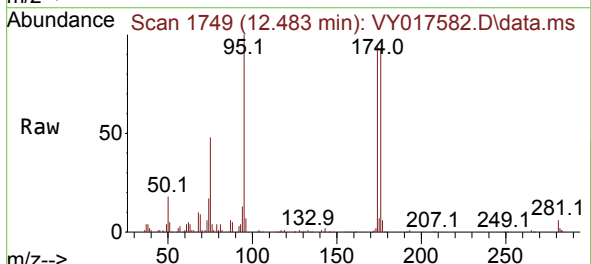
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL02

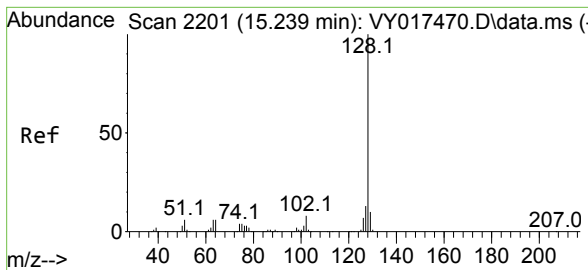
Tgt Ion: 75 Resp: 30748
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.287 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017582.D
Acq: 06 Mar 2024 10:14

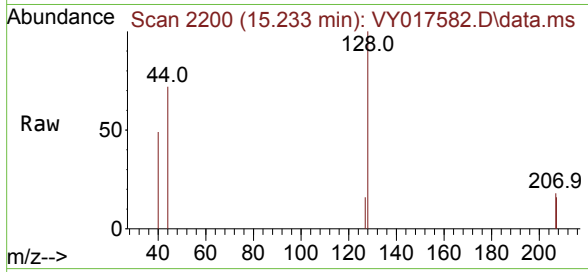
Tgt Ion: 75 Resp: 30748
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 4.191 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY017582.D
Acq: 06 Mar 2024 10:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL02



Tgt Ion:	128	Resp:	650
Ion	Ratio	Lower	Upper
128	100		
127	8.0	10.6	16.0#
129	0.0	8.6	13.0#

