

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016563.D
 Acq On : 01 Dec 2023 16:12
 Operator : SY/MD
 Sample : 05590-03RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 01 23:39:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

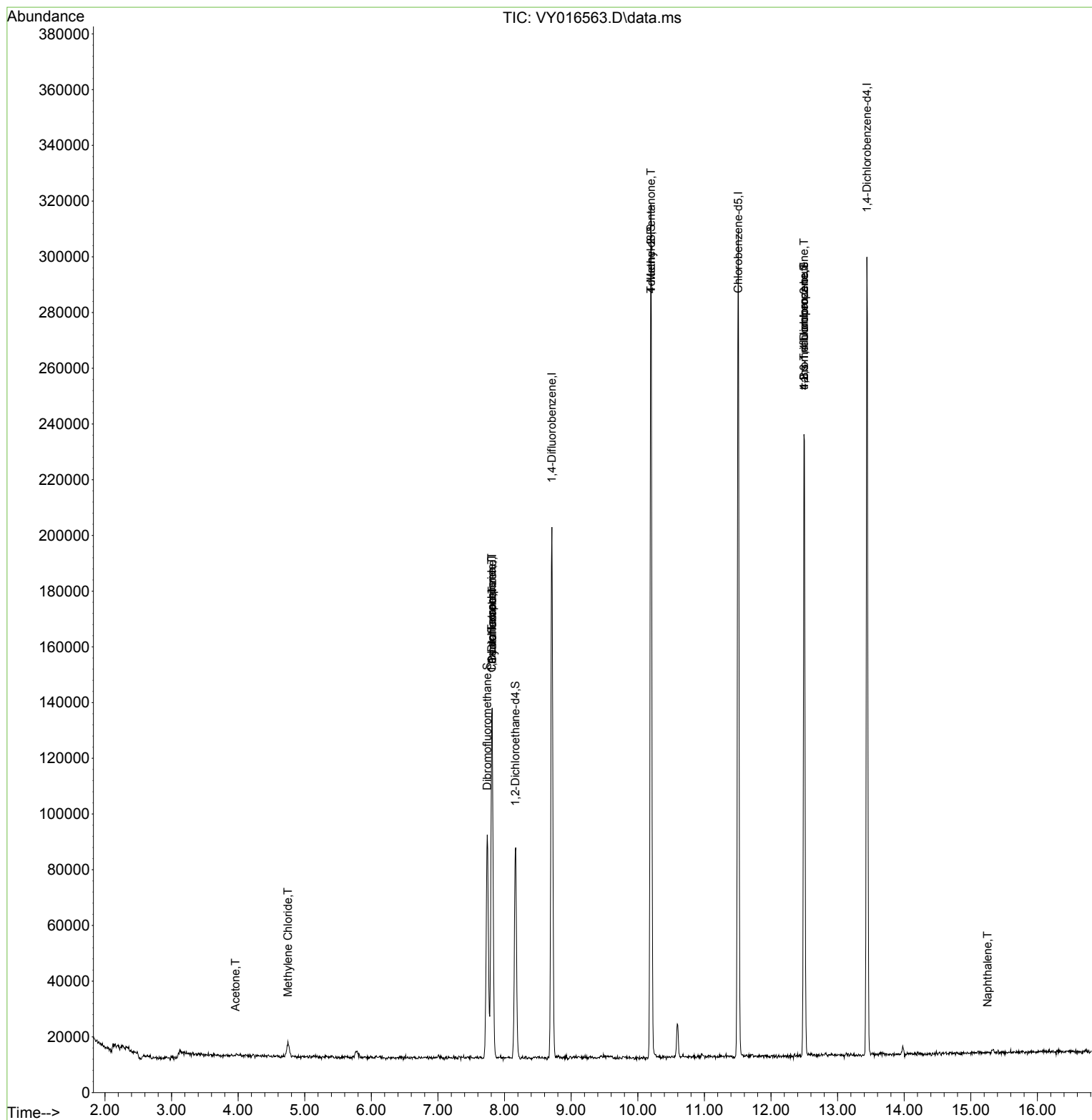
Internal Standards						
1) Pentafluorobenzene	7.813	168	105376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	178041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	175375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	81141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	62101	74.594	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 149.180%	
35) Dibromofluoromethane	7.740	113	56624	54.189	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.380%	
50) Toluene-d8	10.197	98	206196	50.877	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.760%	
62) 4-Bromofluorobenzene	12.496	95	72046	56.667	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.340%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	340	7.199	ug/l	91
20) Methylene Chloride	4.747	84	4178	1.694	ug/l #	72
31) Cyclohexane	7.813	56	1522	1.041	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	6576	4.262	ug/l #	51
38) Carbon Tetrachloride	7.807	117	9528	5.261	ug/l #	16
51) 4-Methyl-2-Pentanone	10.197	43	594	1.197	ug/l #	1
76) 1,2,3-Trichloropropane	12.496	75	35055	51.455	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.496	75	35055	112.220	ug/l #	10
95) Naphthalene	15.251	128	362	5.059	ug/l #	69

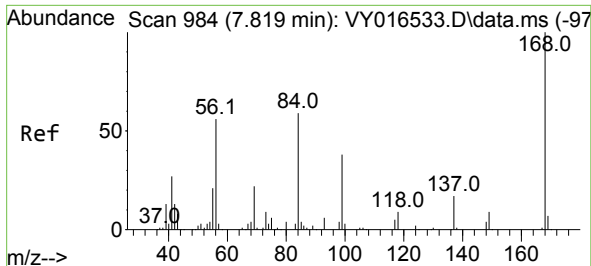
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Nov 30 03:28:04 2023
Response via : Initial Calibration

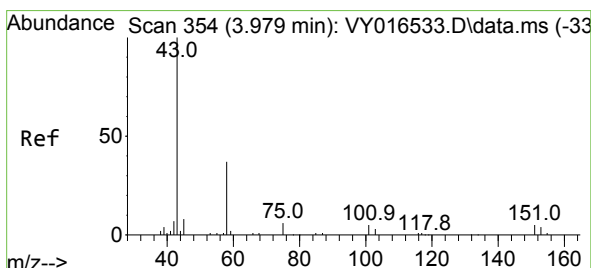
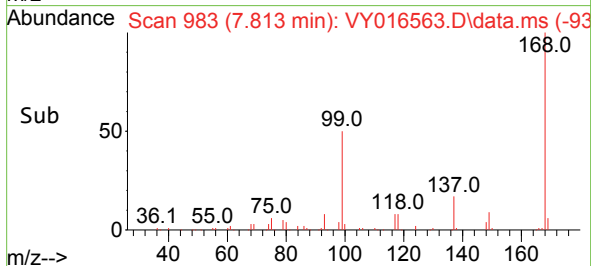
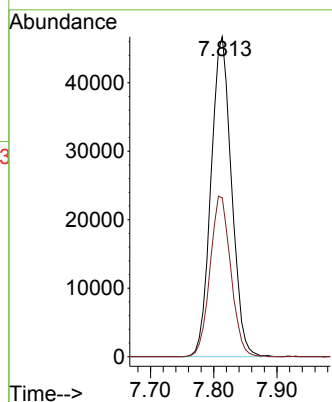
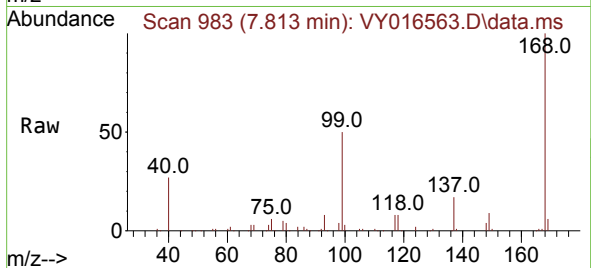




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016563.D
Acq: 01 Dec 2023 16:12

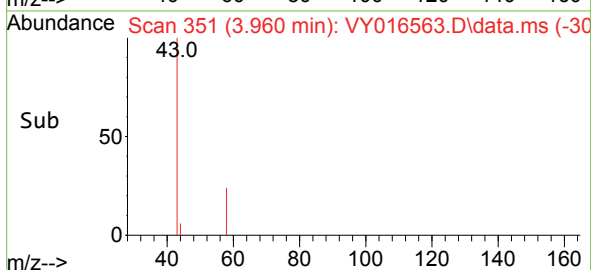
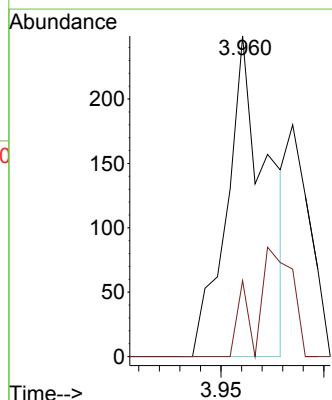
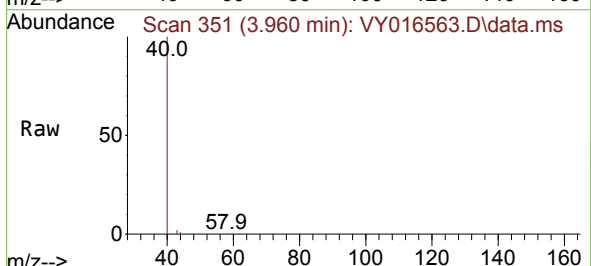
Instrument :
MSVOA_Y
ClientSampleId :

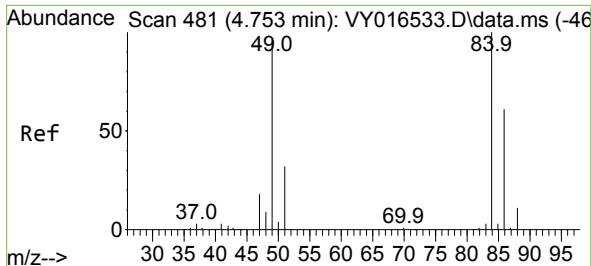
Tgt Ion:168 Resp: 105376
Ion Ratio Lower Upper
168 100
99 49.6 43.4 65.0



#16
Acetone
Concen: 7.199 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.019 min
Lab File: VY016563.D
Acq: 01 Dec 2023 16:12

Tgt Ion: 43 Resp: 340
Ion Ratio Lower Upper
43 100
58 23.7 22.7 34.1





#20

Methylene Chloride

Concen: 1.694 ug/l

RT: 4.747 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY016563.D

Acq: 01 Dec 2023 16:12

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 84 Resp: 4178

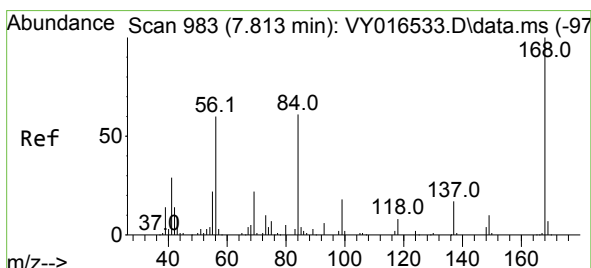
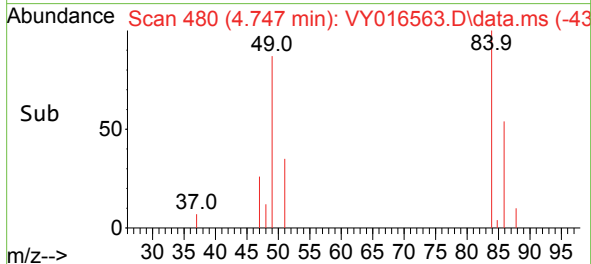
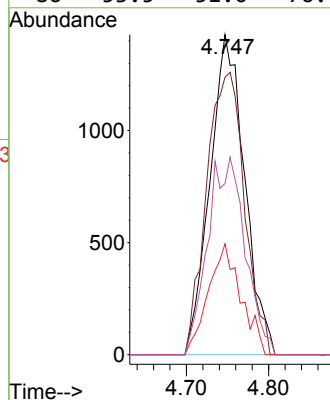
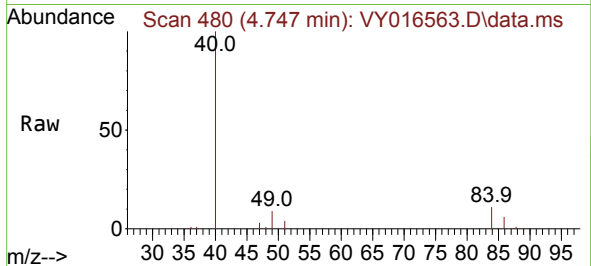
Ion Ratio Lower Upper

84 100

49 86.7 106.9 160.3#

51 34.7 33.2 49.8

86 53.5 51.0 76.6



#31

Cyclohexane

Concen: 1.041 ug/l

RT: 7.813 min Scan# 983

Delta R.T. 0.000 min

Lab File: VY016563.D

Acq: 01 Dec 2023 16:12

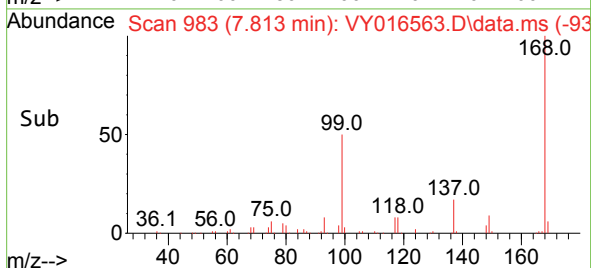
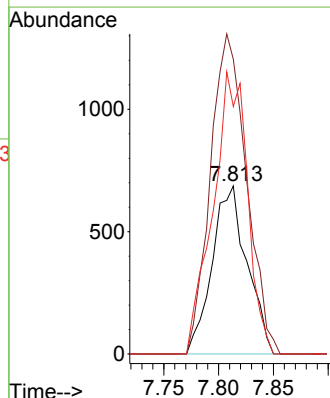
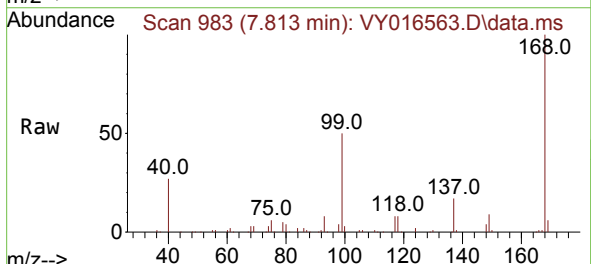
Tgt Ion: 56 Resp: 1522

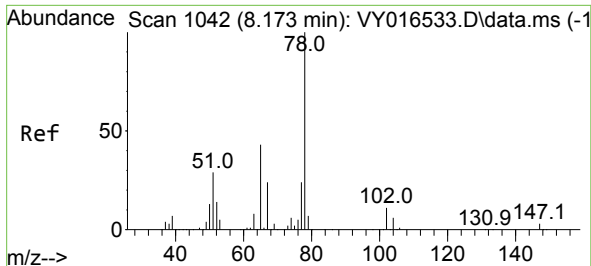
Ion Ratio Lower Upper

56 100

69 175.4 27.8 41.6#

84 147.3 66.4 99.6#

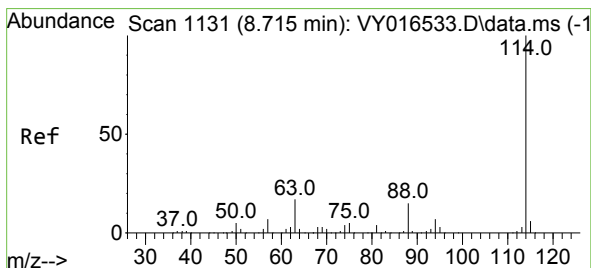
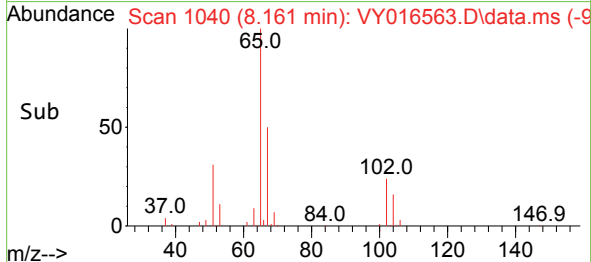
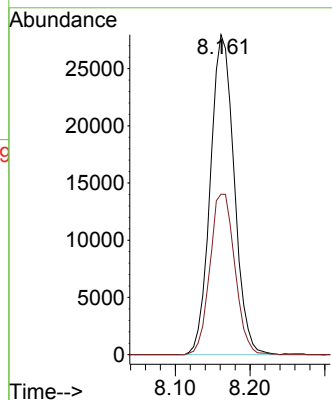
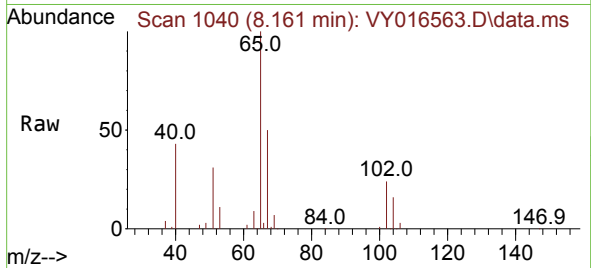




#33
 1,2-Dichloroethane-d4
 Concen: 74.594 ug/l
 RT: 8.161 min Scan# 110
 Delta R.T. -0.012 min
 Lab File: VY016563.D
 Acq: 01 Dec 2023 16:12

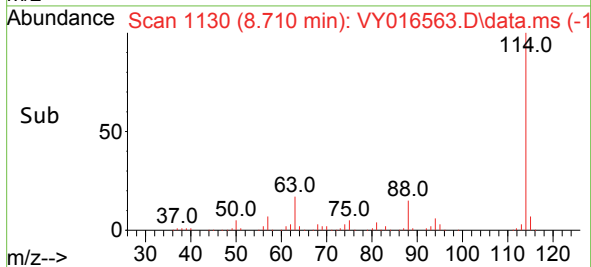
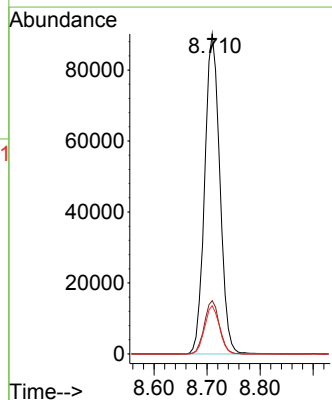
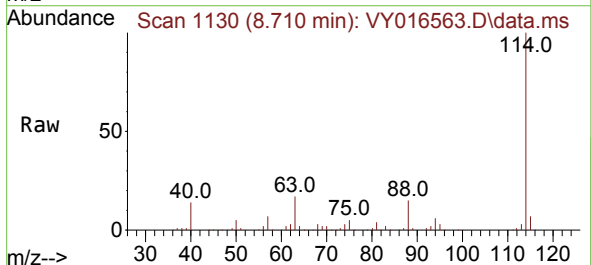
Instrument :
 MSVOA_Y
 ClientSampleId :

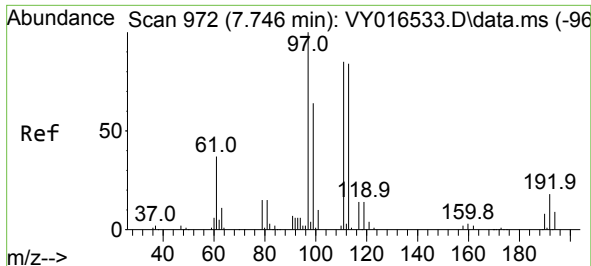
Tgt Ion: 65 Resp: 62101
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.710 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VY016563.D
 Acq: 01 Dec 2023 16:12

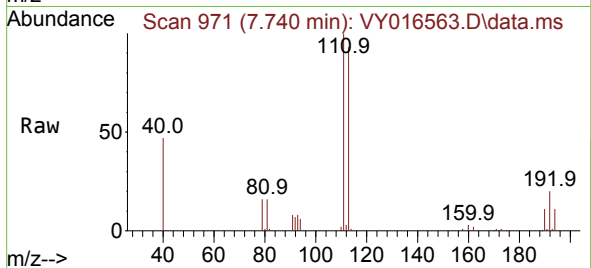
Tgt Ion: 114 Resp: 178041
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 42.4
 88 15.0 0.0 30.6



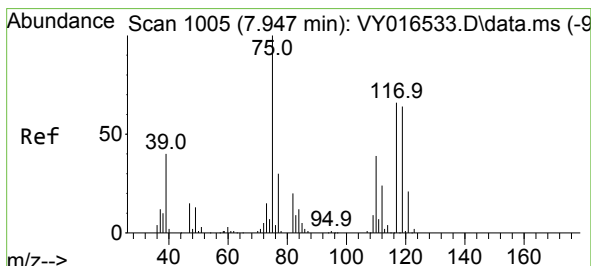
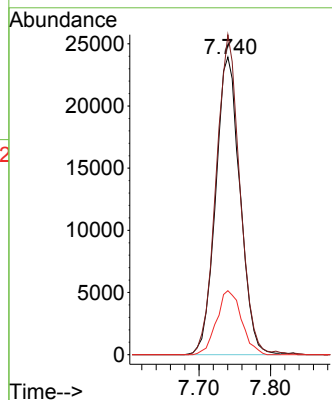
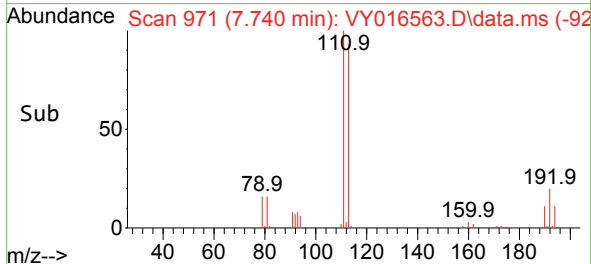


#35
Dibromofluoromethane
Concen: 54.189 ug/l
RT: 7.740 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016563.D
Acq: 01 Dec 2023 16:12

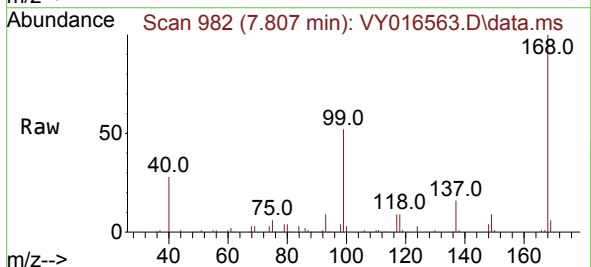
Instrument :
MSVOA_Y
ClientSampleId :



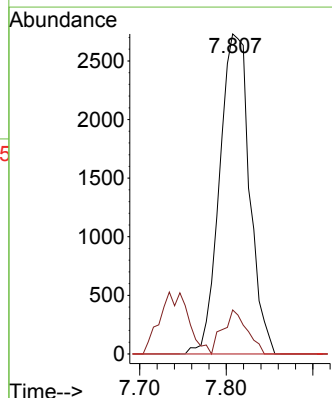
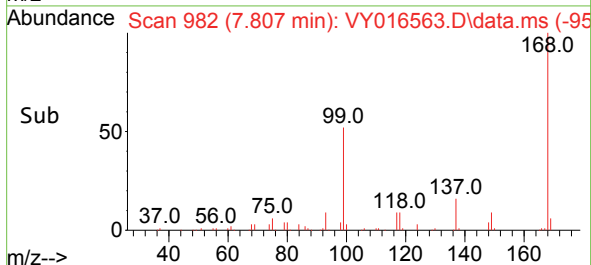
Tgt Ion:113 Resp: 56624
Ion Ratio Lower Upper
113 100
111 105.0 81.3 121.9
192 22.0 16.9 25.3

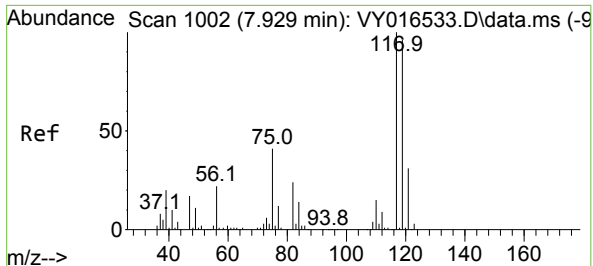


#36
1,1-Dichloropropene
Concen: 4.262 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.140 min
Lab File: VY016563.D
Acq: 01 Dec 2023 16:12



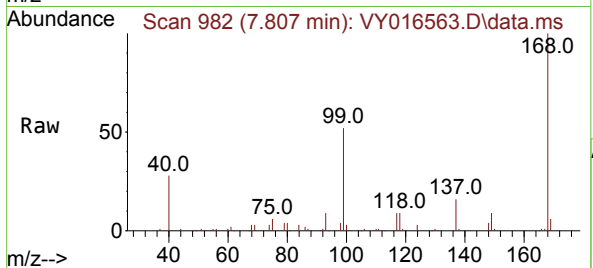
Tgt Ion: 75 Resp: 6576
Ion Ratio Lower Upper
75 100
110 10.9 17.8 53.5#
77 0.0 24.4 36.6#



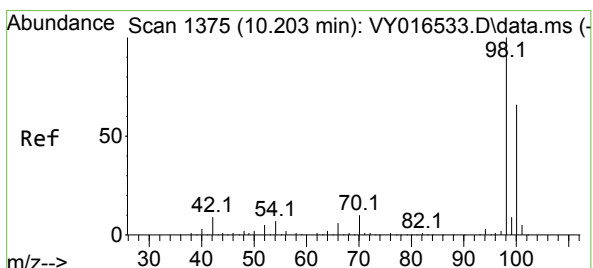
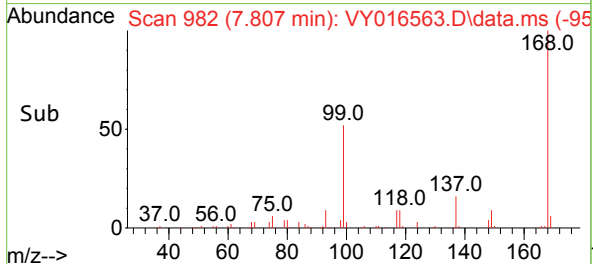
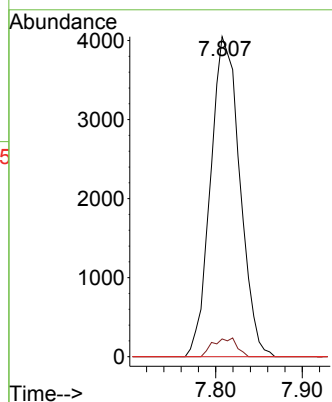


#38
Carbon Tetrachloride
Concen: 5.261 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY016563.D
Acq: 01 Dec 2023 16:12

Instrument :
MSVOA_Y
ClientSampleId :

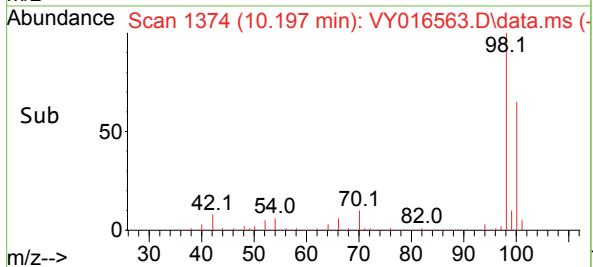
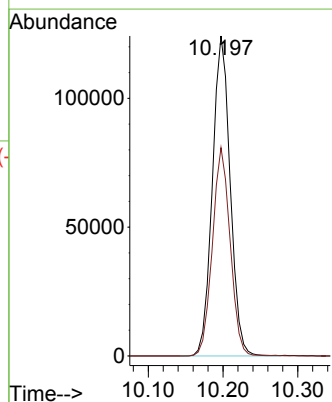
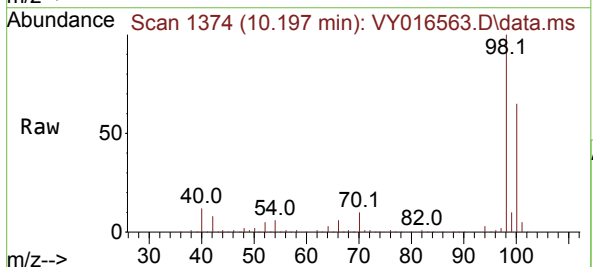


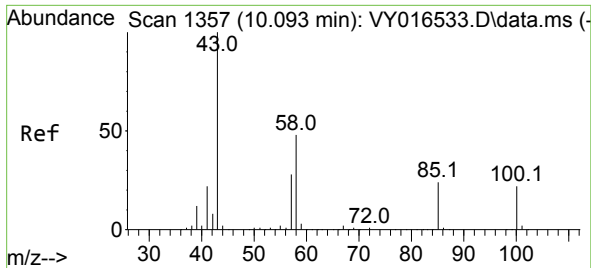
Tgt Ion:117 Resp: 9528
Ion Ratio Lower Upper
117 100
119 5.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.877 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. -0.006 min
Lab File: VY016563.D
Acq: 01 Dec 2023 16:12

Tgt Ion: 98 Resp: 206196
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

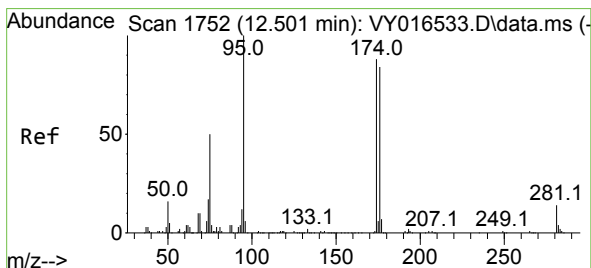
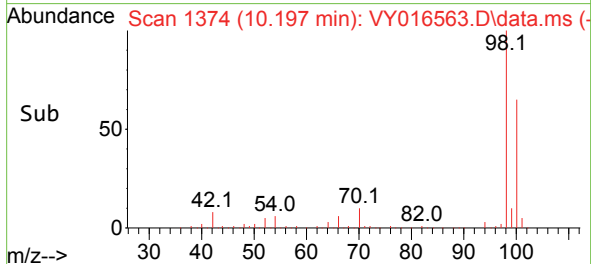
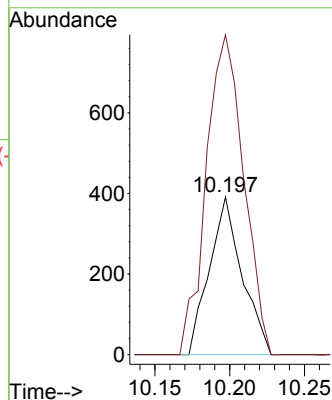
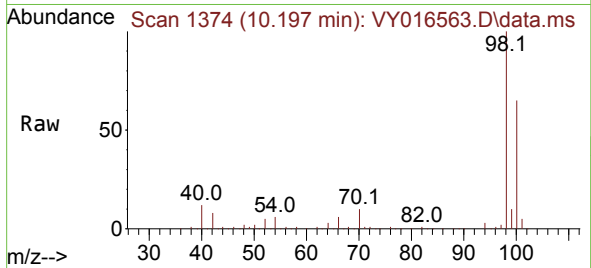




#51
 4-Methyl-2-Pentanone
 Concen: 1.197 ug/l
 RT: 10.197 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY016563.D
 Acq: 01 Dec 2023 16:12

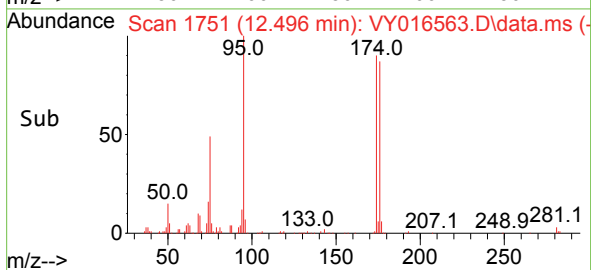
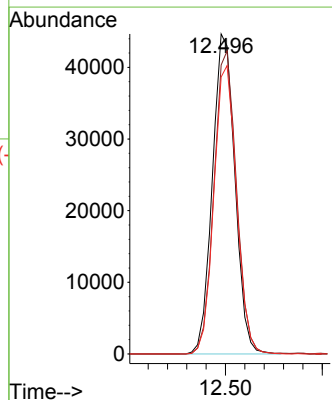
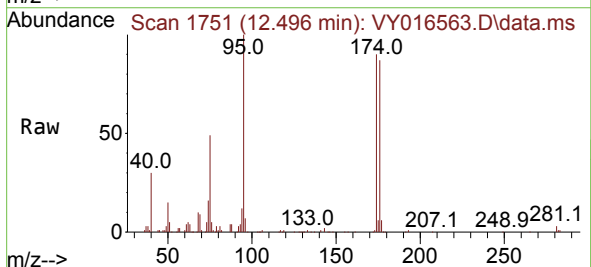
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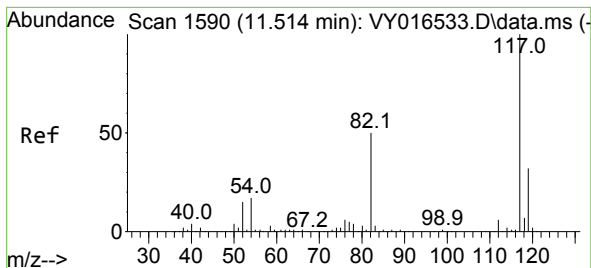
Tgt Ion: 43 Resp: 594
 Ion Ratio Lower Upper
 43 100
 58 232.8 29.0 43.6#



#62
 4-Bromofluorobenzene
 Concen: 56.667 ug/l
 RT: 12.496 min Scan# 1751
 Delta R.T. -0.006 min
 Lab File: VY016563.D
 Acq: 01 Dec 2023 16:12

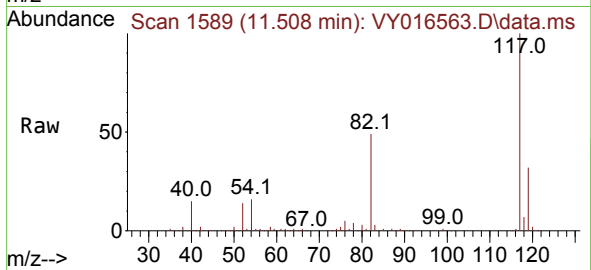
Tgt Ion: 95 Resp: 72046
 Ion Ratio Lower Upper
 95 100
 174 94.6 0.0 178.2
 176 90.8 0.0 173.8



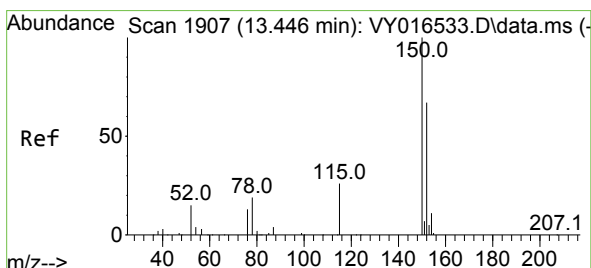
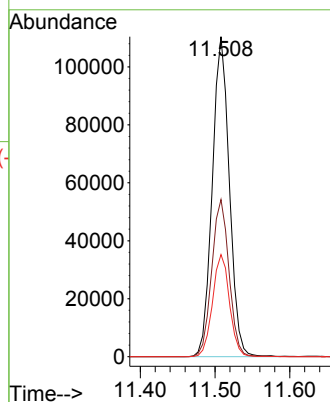
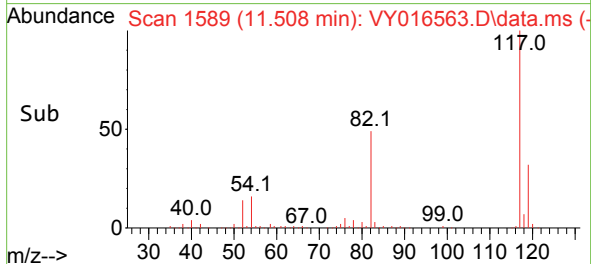


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016563.D
Acq: 01 Dec 2023 16:12

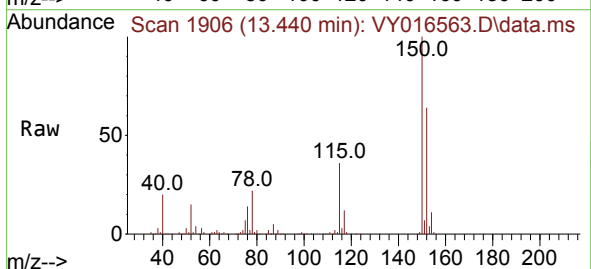
Instrument :
MSVOA_Y
ClientSampleId :



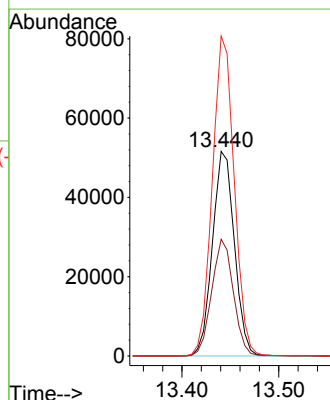
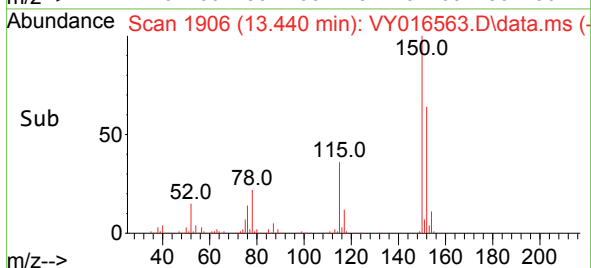
Tgt Ion:117 Resp: 175375
Ion Ratio Lower Upper
117 100
82 49.1 43.4 65.0
119 31.9 26.3 39.5

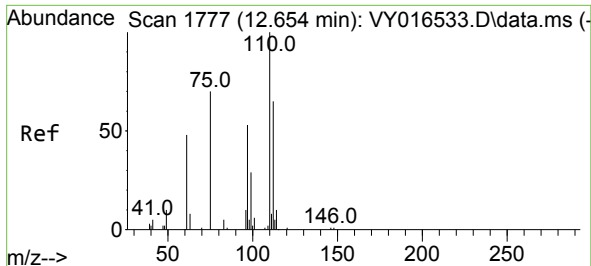


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY016563.D
Acq: 01 Dec 2023 16:12



Tgt Ion:152 Resp: 81141
Ion Ratio Lower Upper
152 100
115 56.3 28.8 86.5
150 156.1 0.0 348.8

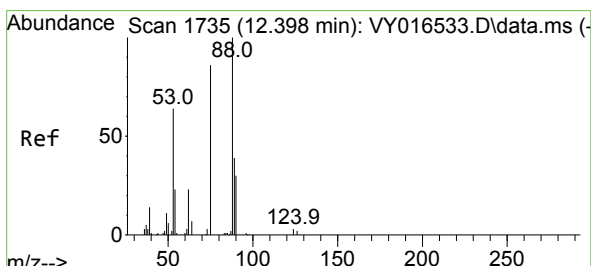
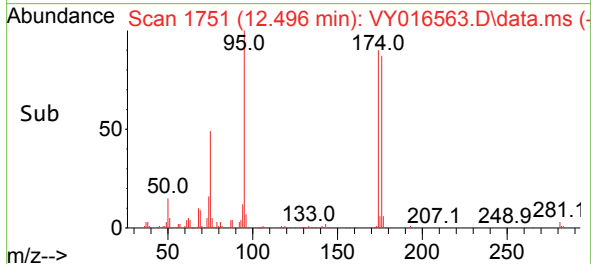
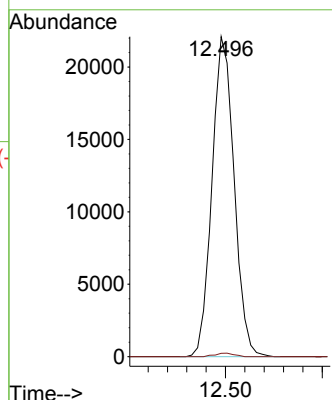
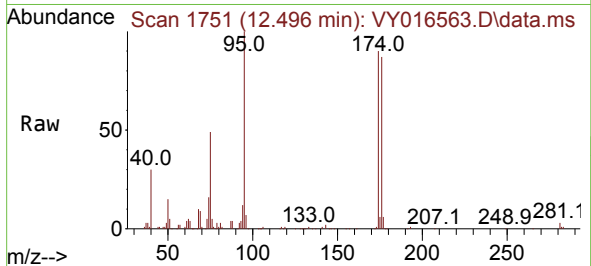




#76
1,2,3-Trichloropropane
Concen: 51.455 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. -0.158 min
Lab File: VY016563.D
Acq: 01 Dec 2023 16:12

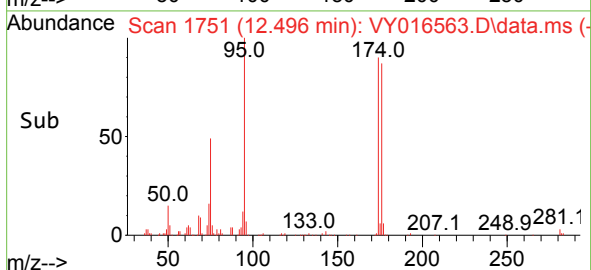
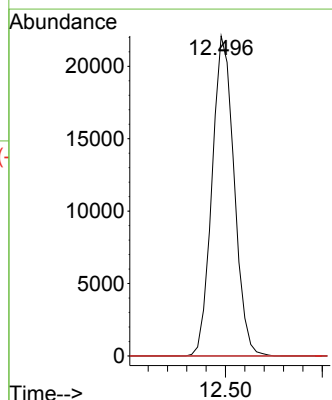
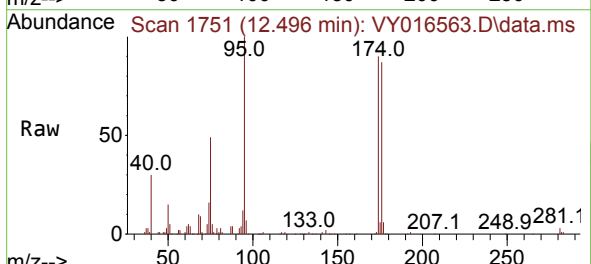
Instrument :
MSVOA_Y
ClientSampleId :

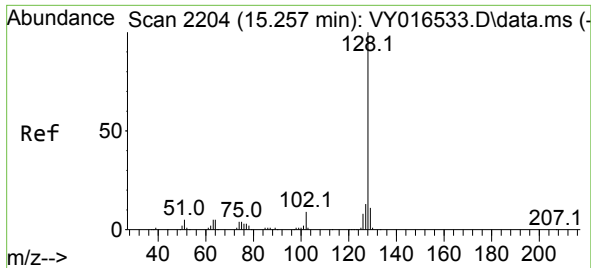
Tgt Ion: 75 Resp: 35055
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.220 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.098 min
Lab File: VY016563.D
Acq: 01 Dec 2023 16:12

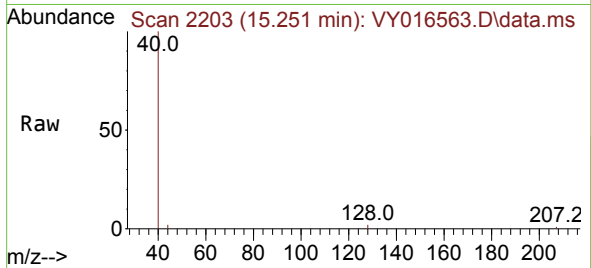
Tgt Ion: 75 Resp: 35055
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#





#95
Naphthalene
Concen: 5.059 ug/l
RT: 15.251 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY016563.D
Acq: 01 Dec 2023 16:12

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.6	13.0#

