

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013922.D
 Acq On : 30 May 2023 16:19
 Operator : KP/MD
 Sample : 02852-08
 Misc : 5.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-32-G3-SO-45-051823

Quant Time: May 31 03:27:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	156124	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	255883	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.483	117	242227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108867	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103742	57.437	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.880%
35) Dibromofluoromethane	7.709	113	84179	50.940	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.880%
50) Toluene-d8	10.172	98	316518	50.396	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.800%
62) 4-Bromofluorobenzene	12.477	95	96638	46.289	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.580%

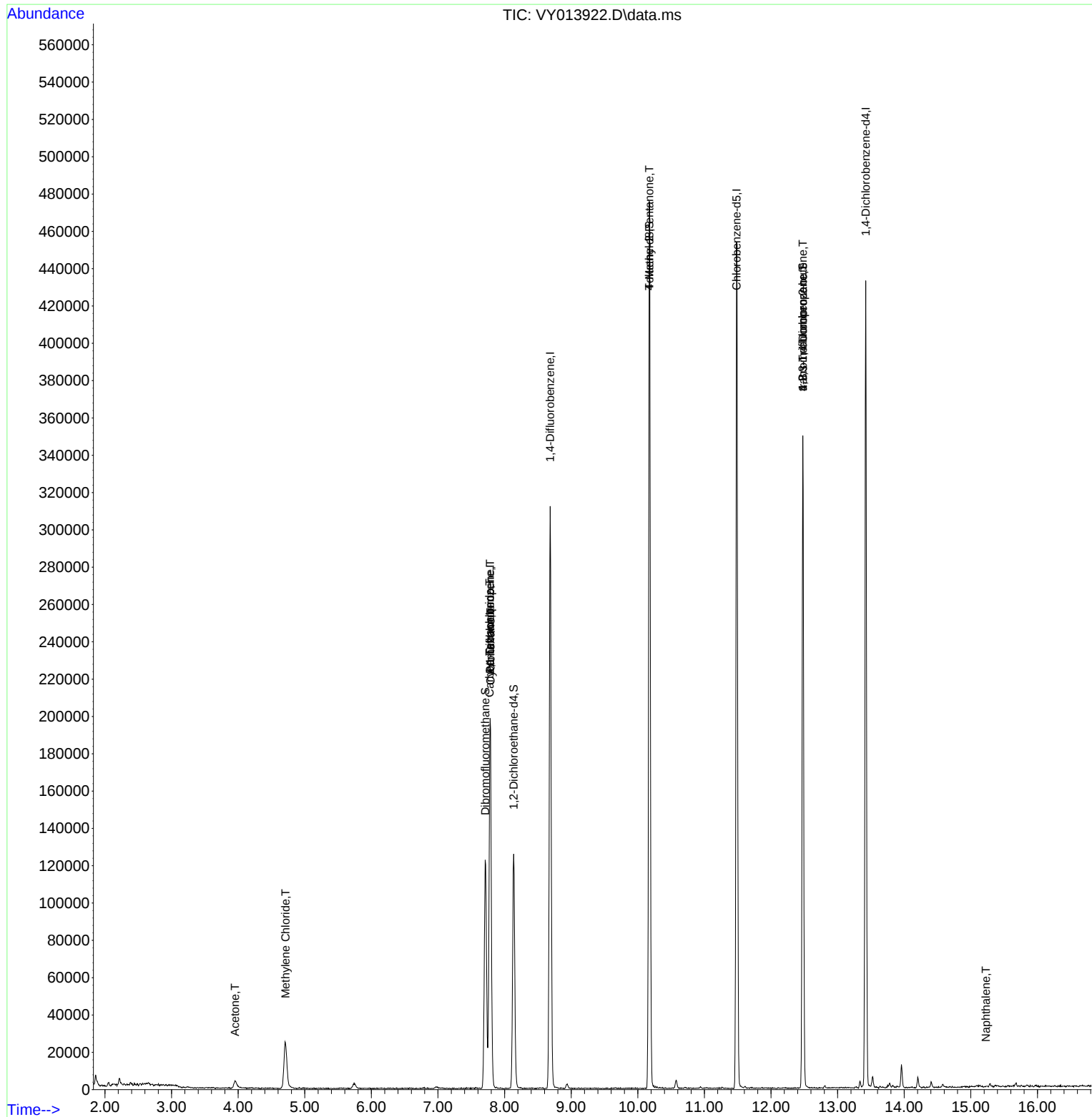
Target Compounds						Qvalue
16) Acetone	3.954	43	8612	16.065	ug/l	97
20) Methylene Chloride	4.710	84	18064	7.336	ug/l	96
31) Cyclohexane	7.789	56	3605	1.299	ug/l #	10
36) 1,1-Dichloropropene	7.783	75	12278	4.878	ug/l #	50
38) Carbon Tetrachloride	7.777	117	14459	5.051	ug/l #	15
51) 4-Methyl-2-Pentanone	10.172	43	1507	1.011	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	52277	40.724	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	52277	88.399	ug/l #	10
95) Naphthalene	15.226	128	434	4.634	ug/l #	76

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

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QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

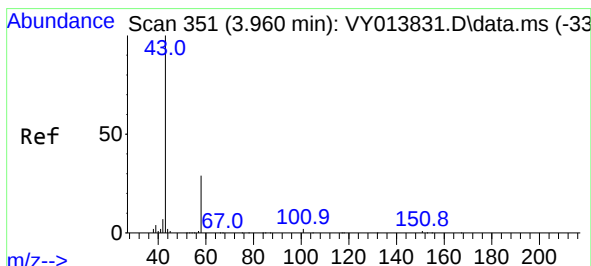
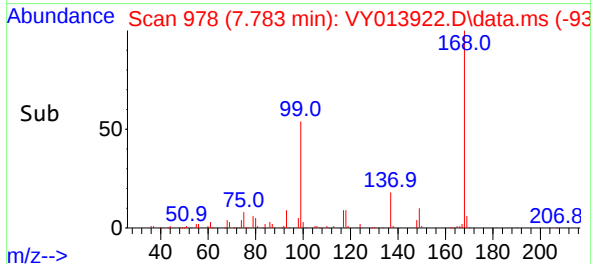
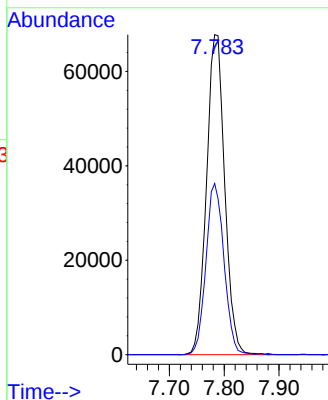
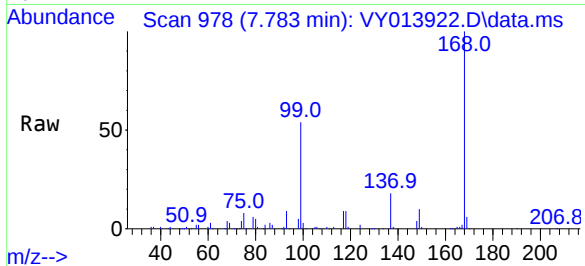




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013922.D
Acq: 30 May 2023 16:19

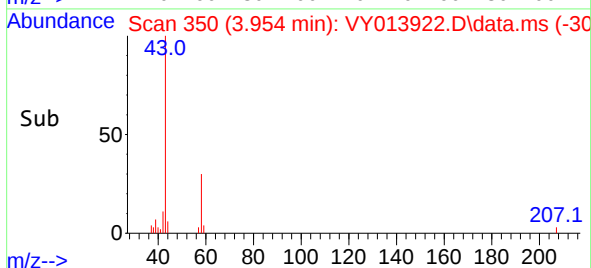
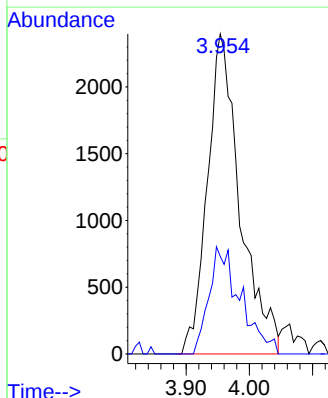
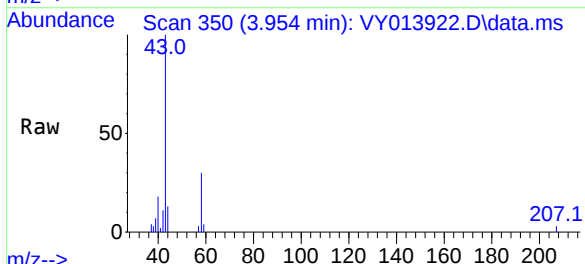
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-45-051823

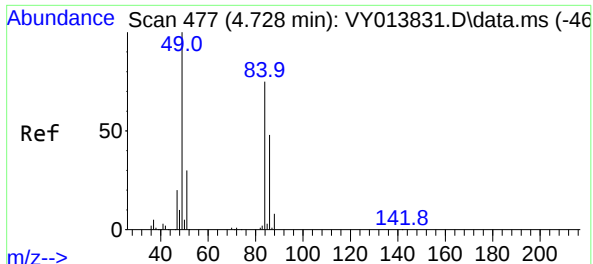
Tgt Ion:168 Resp: 156124
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.2



#16
Acetone
Concen: 16.065 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY013922.D
Acq: 30 May 2023 16:19

Tgt Ion: 43 Resp: 8612
Ion Ratio Lower Upper
43 100
58 30.5 23.3 34.9



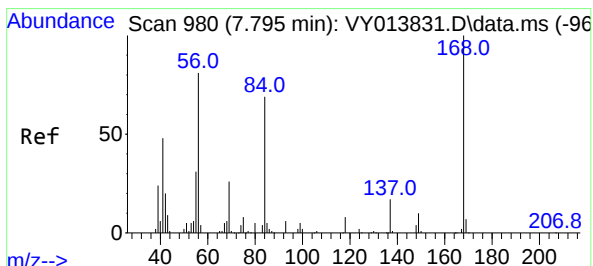
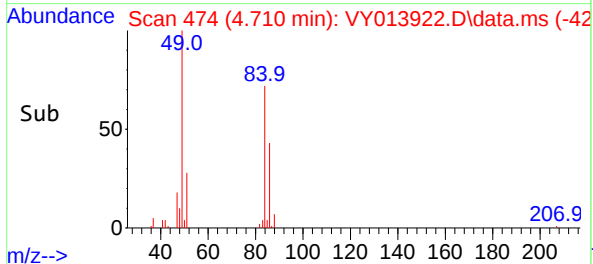
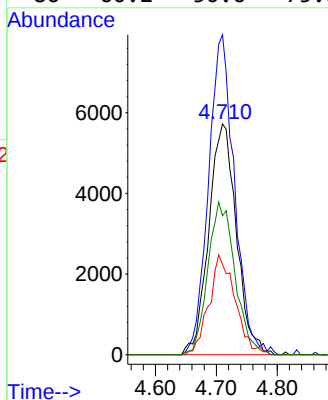
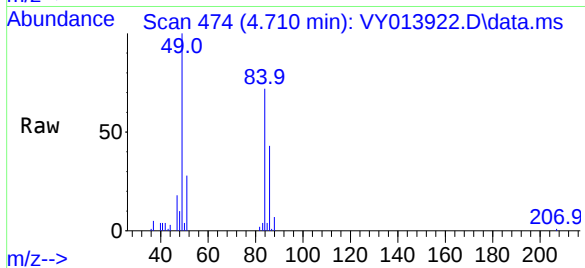


#20
Methylene Chloride
Concen: 7.336 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY013922.D
Acq: 30 May 2023 16:19

Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-45-051823

Tgt Ion: 84 Resp: 18064

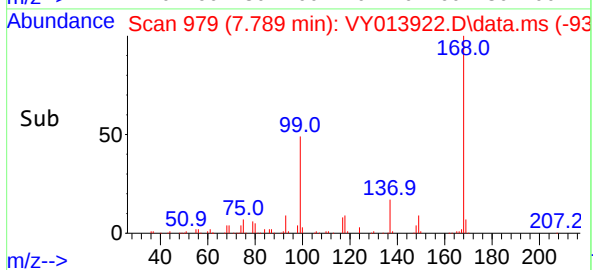
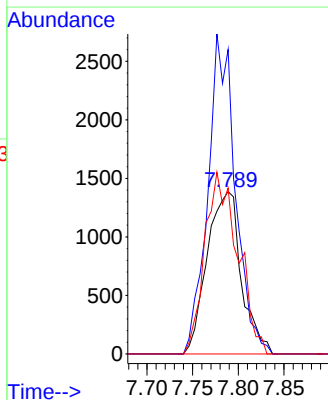
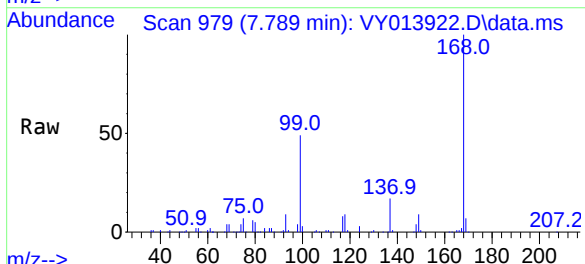
Ion	Ratio	Lower	Upper
84	100		
49	138.7	106.2	159.2
51	39.1	31.4	47.0
86	60.2	50.6	75.8

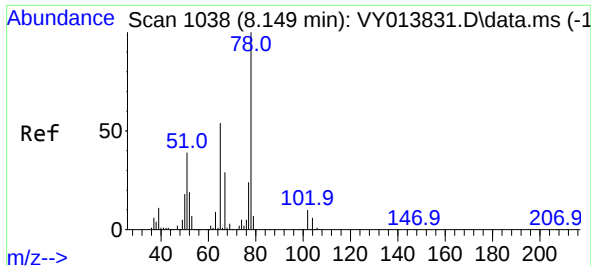


#31
Cyclohexane
Concen: 1.299 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY013922.D
Acq: 30 May 2023 16:19

Tgt Ion: 56 Resp: 3605

Ion	Ratio	Lower	Upper
56	100		
69	187.4	25.8	38.8#
84	102.1	68.2	102.2





#33

1,2-Dichloroethane-d4

Concen: 57.437 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY013922.D

Acq: 30 May 2023 16:19

Instrument :

MSVOA_Y

ClientSampleId :

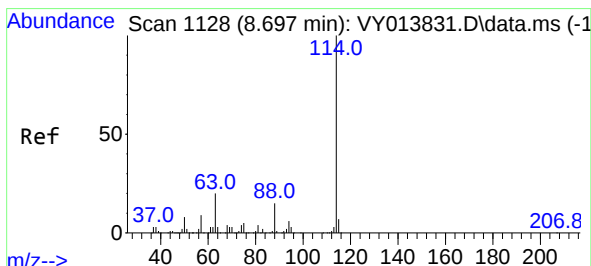
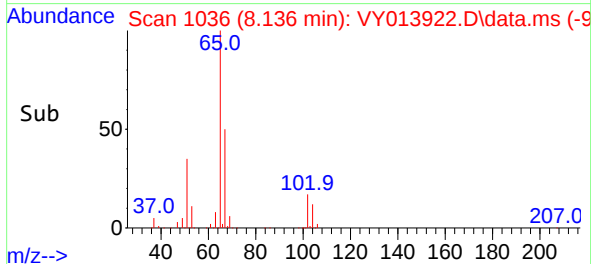
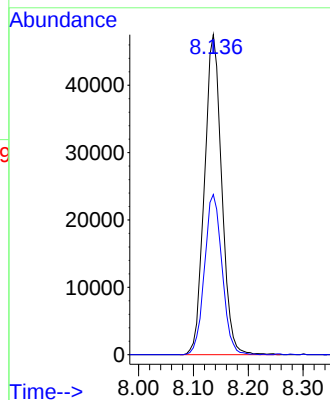
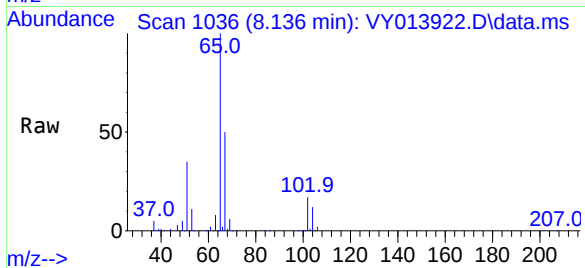
CB-32-G3-SO-45-051823

Tgt Ion: 65 Resp: 103742

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY013922.D

Acq: 30 May 2023 16:19

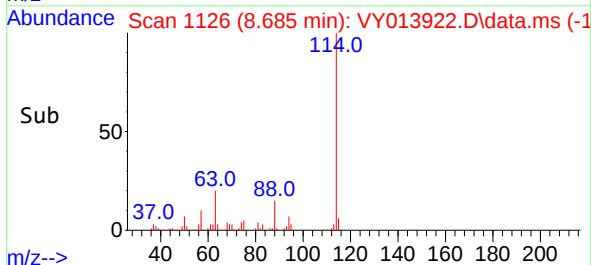
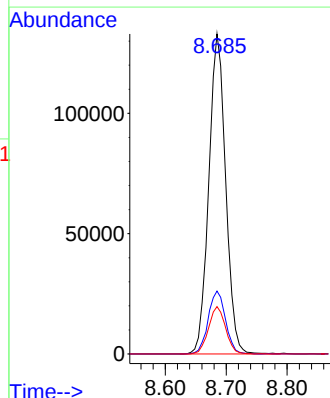
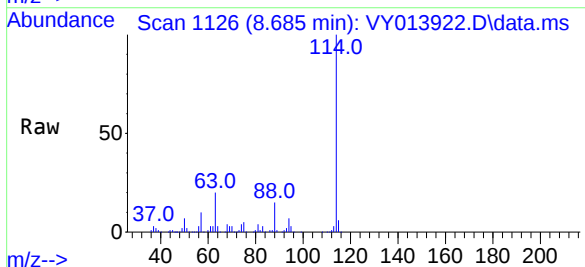
Tgt Ion: 114 Resp: 255883

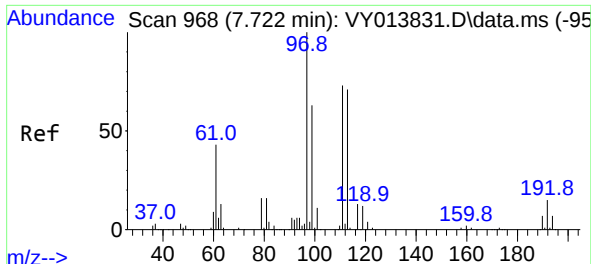
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

88 14.8 0.0 30.0

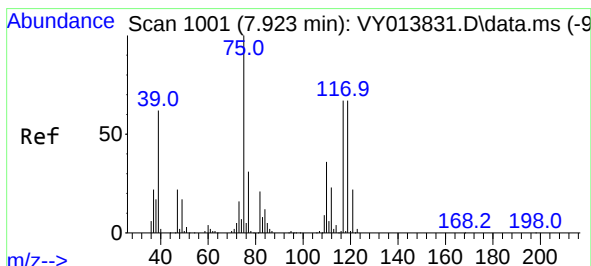
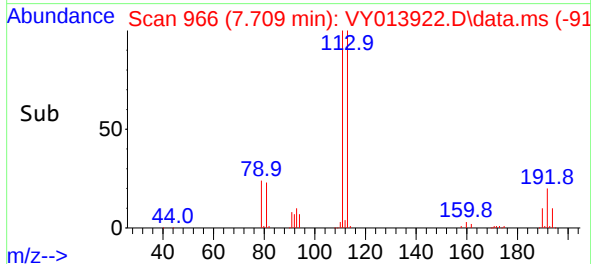
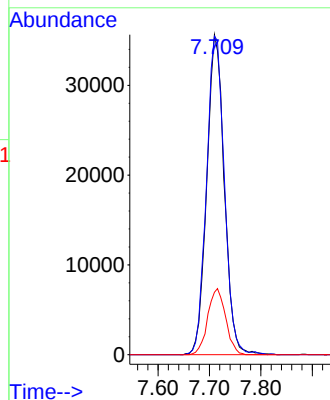
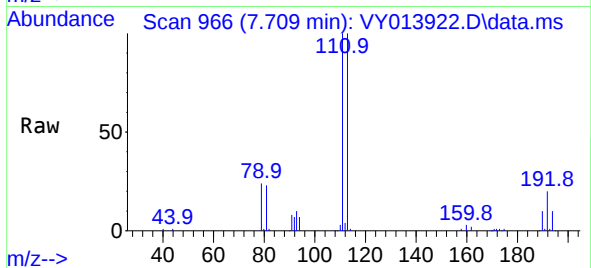




#35
Dibromofluoromethane
Concen: 50.940 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY013922.D
Acq: 30 May 2023 16:19

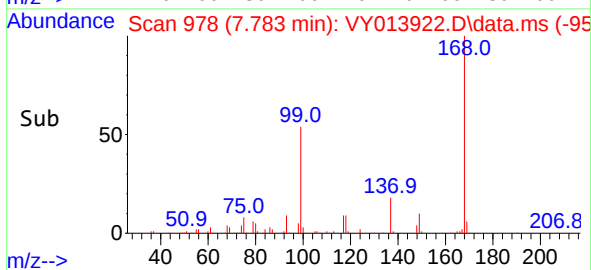
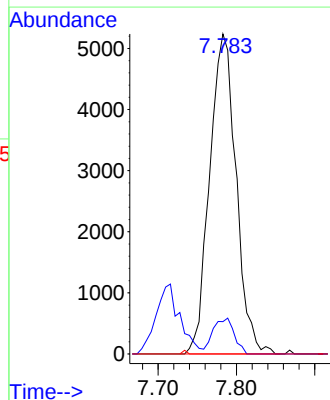
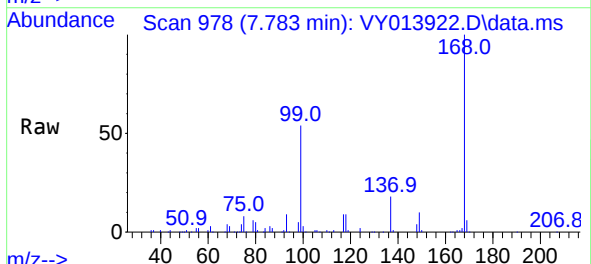
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-45-051823

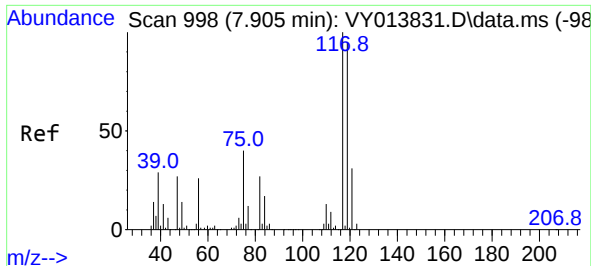
Tgt Ion:113 Resp: 84179
Ion Ratio Lower Upper
113 100
111 102.1 80.4 120.6
192 21.2 16.6 25.0



#36
1,1-Dichloropropene
Concen: 4.878 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY013922.D
Acq: 30 May 2023 16:19

Tgt Ion: 75 Resp: 12278
Ion Ratio Lower Upper
75 100
110 8.9 17.5 52.6#
77 0.0 24.4 36.6#

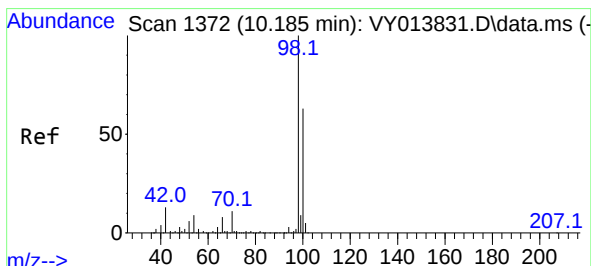
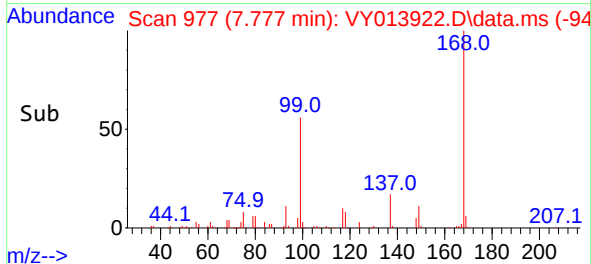
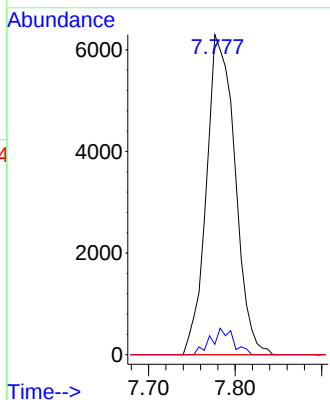
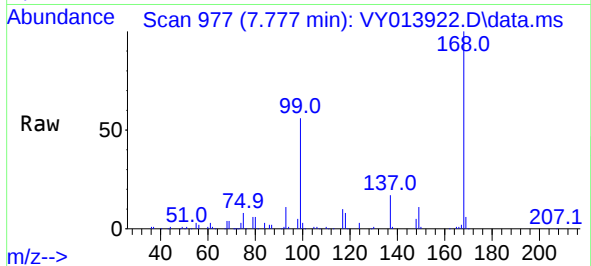




#38
Carbon Tetrachloride
Concen: 5.051 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013922.D
Acq: 30 May 2023 16:19

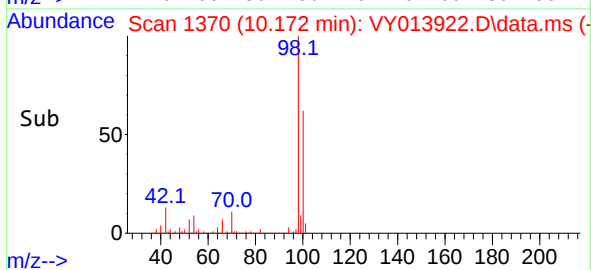
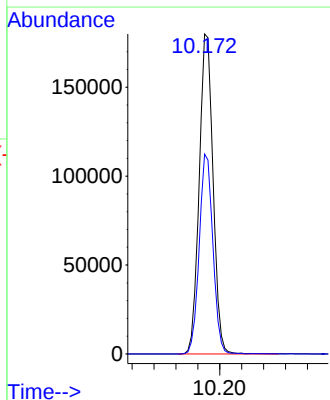
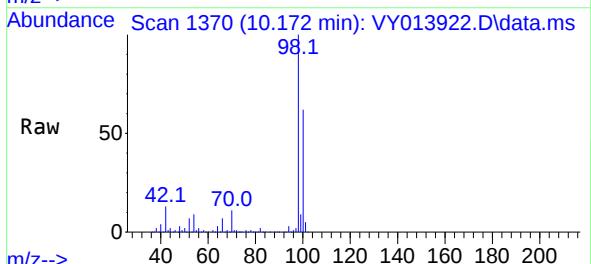
Instrument :
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ClientSampleId :
CB-32-G3-SO-45-051823

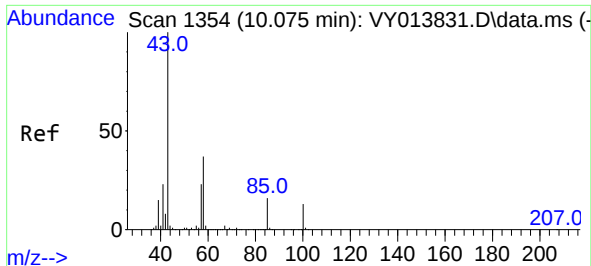
Tgt Ion:117 Resp: 14459
Ion Ratio Lower Upper
117 100
119 3.3 75.6 113.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.396 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.012 min
Lab File: VY013922.D
Acq: 30 May 2023 16:19

Tgt Ion: 98 Resp: 316518
Ion Ratio Lower Upper
98 100
100 61.5 50.8 76.2

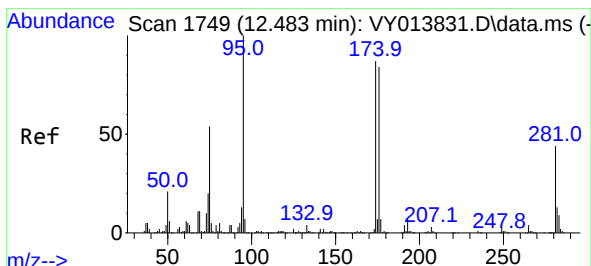
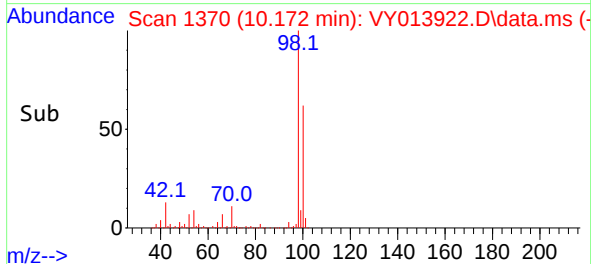
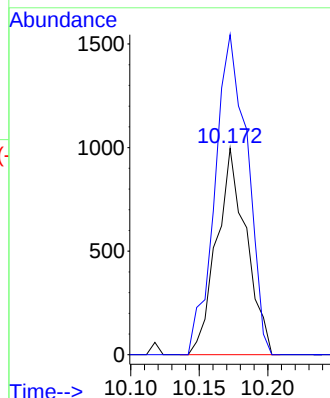
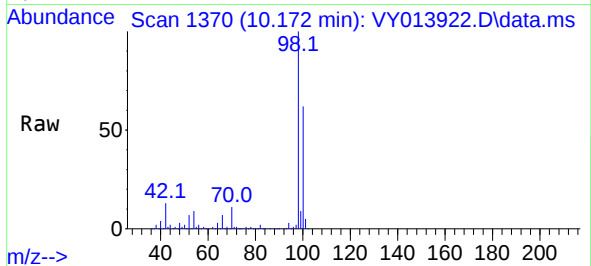




#51
4-Methyl-2-Pentanone
Concen: 1.011 ug/l
RT: 10.172 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY013922.D
Acq: 30 May 2023 16:19

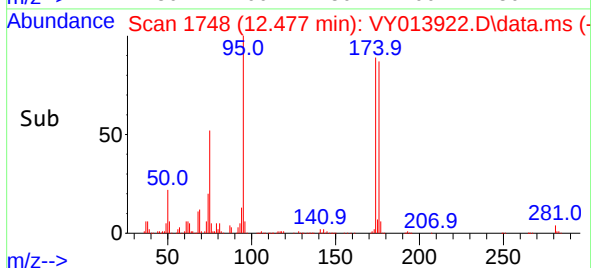
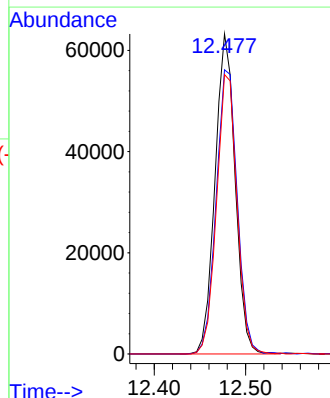
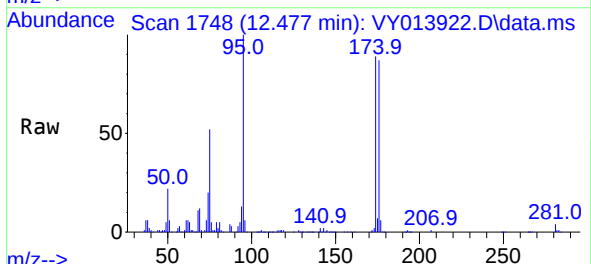
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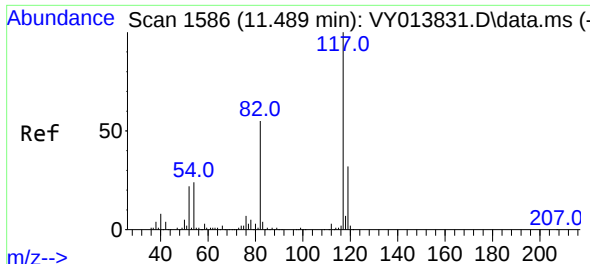
Tgt Ion: 43 Resp: 1507
Ion Ratio Lower Upper
43 100
58 169.0 29.1 43.7#



#62
4-Bromofluorobenzene
Concen: 46.289 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013922.D
Acq: 30 May 2023 16:19

Tgt Ion: 95 Resp: 96638
Ion Ratio Lower Upper
95 100
174 93.4 0.0 176.0
176 88.8 0.0 170.2

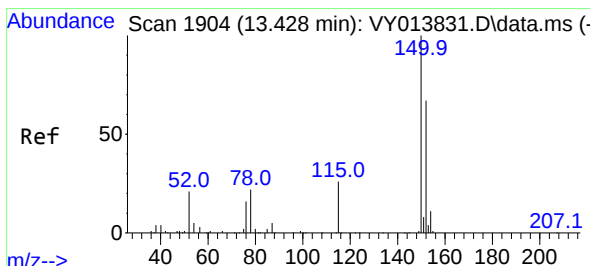
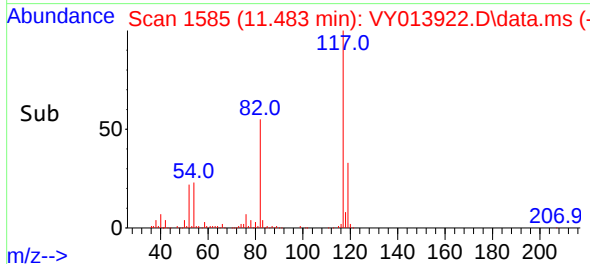
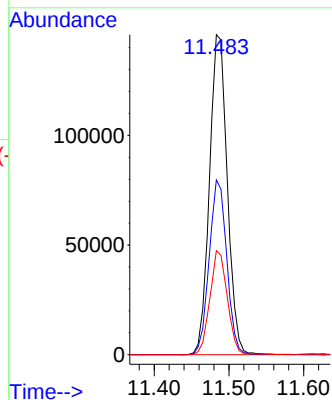
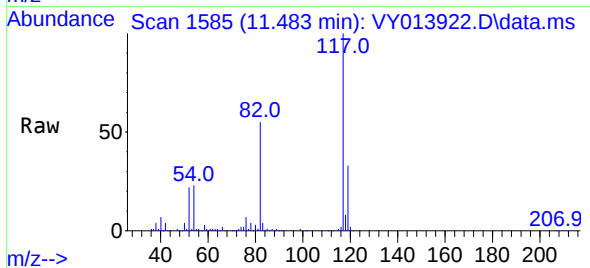




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013922.D
Acq: 30 May 2023 16:19

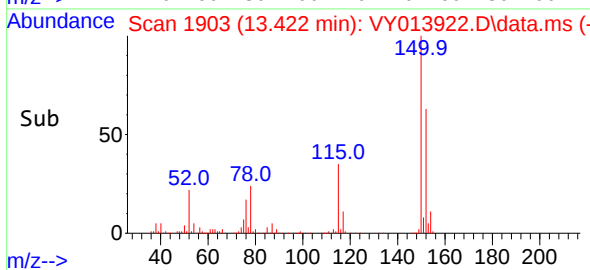
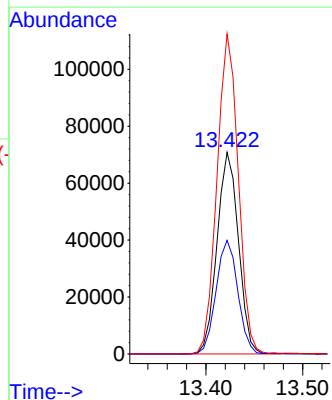
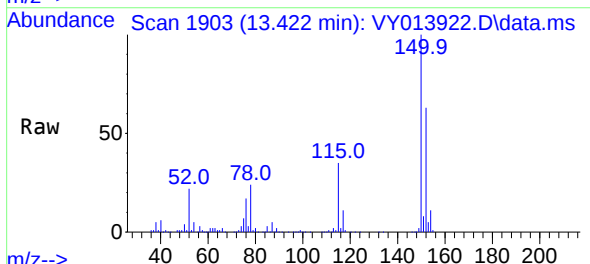
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-45-051823

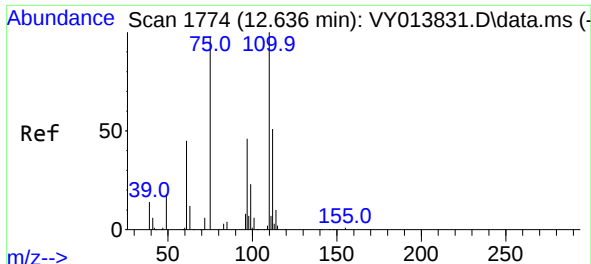
Tgt Ion:	117	Resp:	242227
Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.2	66.4
119	32.5	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013922.D
Acq: 30 May 2023 16:19

Tgt Ion:	152	Resp:	108867
Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.8	86.5
150	157.9	0.0	353.4

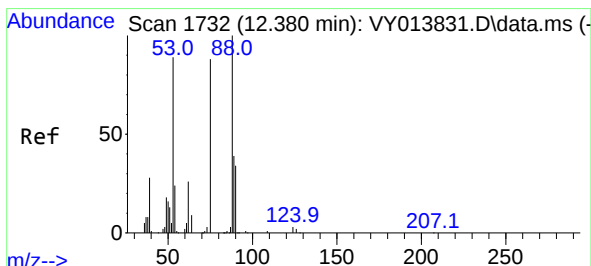
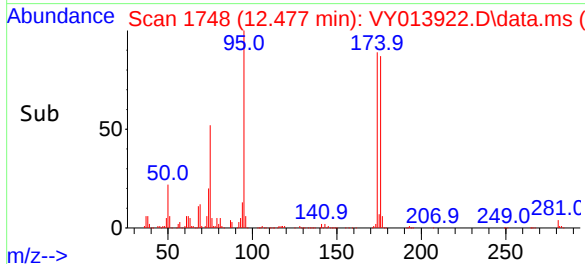
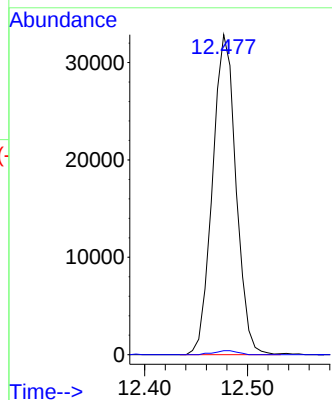
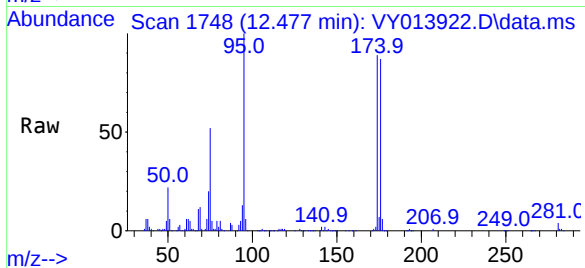




#76
1,2,3-Trichloropropane
Concen: 40.724 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY013922.D
Acq: 30 May 2023 16:19

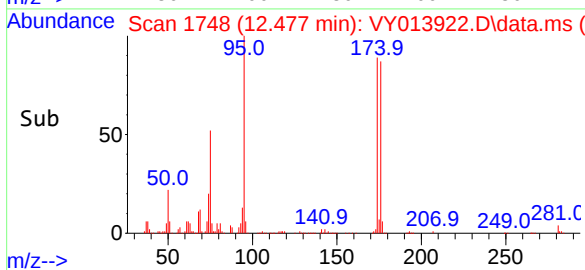
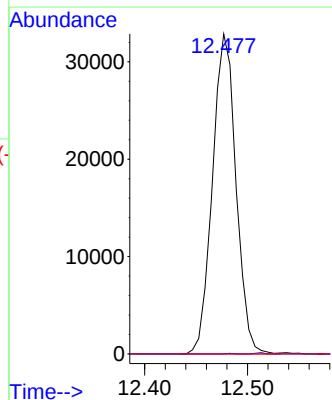
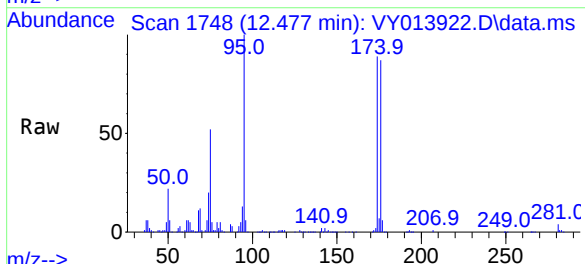
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-45-051823

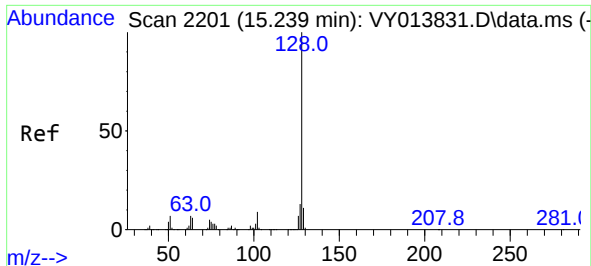
Tgt Ion: 75 Resp: 52277
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.399 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY013922.D
Acq: 30 May 2023 16:19

Tgt Ion: 75 Resp: 52277
Ion Ratio Lower Upper
75 100
53 0.0 79.7 119.5#
89 0.0 36.4 54.6#





#95

Naphthalene

Concen: 4.634 ug/l

RT: 15.226 min Scan# 21

Delta R.T. -0.013 min

Lab File: VY013922.D

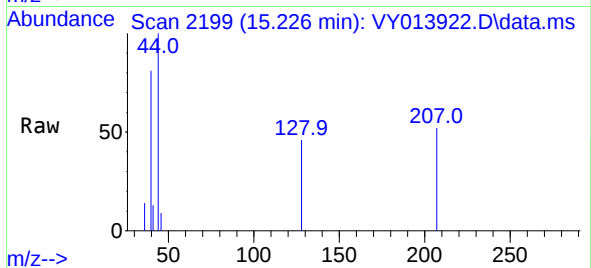
Acq: 30 May 2023 16:19

Instrument :

MSVOA_Y

ClientSampleId :

CB-32-G3-SO-45-051823



Tgt Ion:128 Resp: 434

Ion Ratio Lower Upper

128 100

127 5.3 10.7 16.1#

129 0.0 9.0 13.4#

