

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
 Data File : VY009429.D
 Acq On : 05 Jul 2022 11:56
 Operator : KP/MD
 Sample : VY0705SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0705SBL01

Quant Time: Jul 06 04:47:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	153575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	260654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	240808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	105912	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70301	57.152	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.300%
35) Dibromofluoromethane	7.716	113	61735	43.034	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.060%
50) Toluene-d8	10.179	98	232645	52.893	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	105.780%
62) 4-Bromofluorobenzene	12.477	95	73297	35.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	70.280%

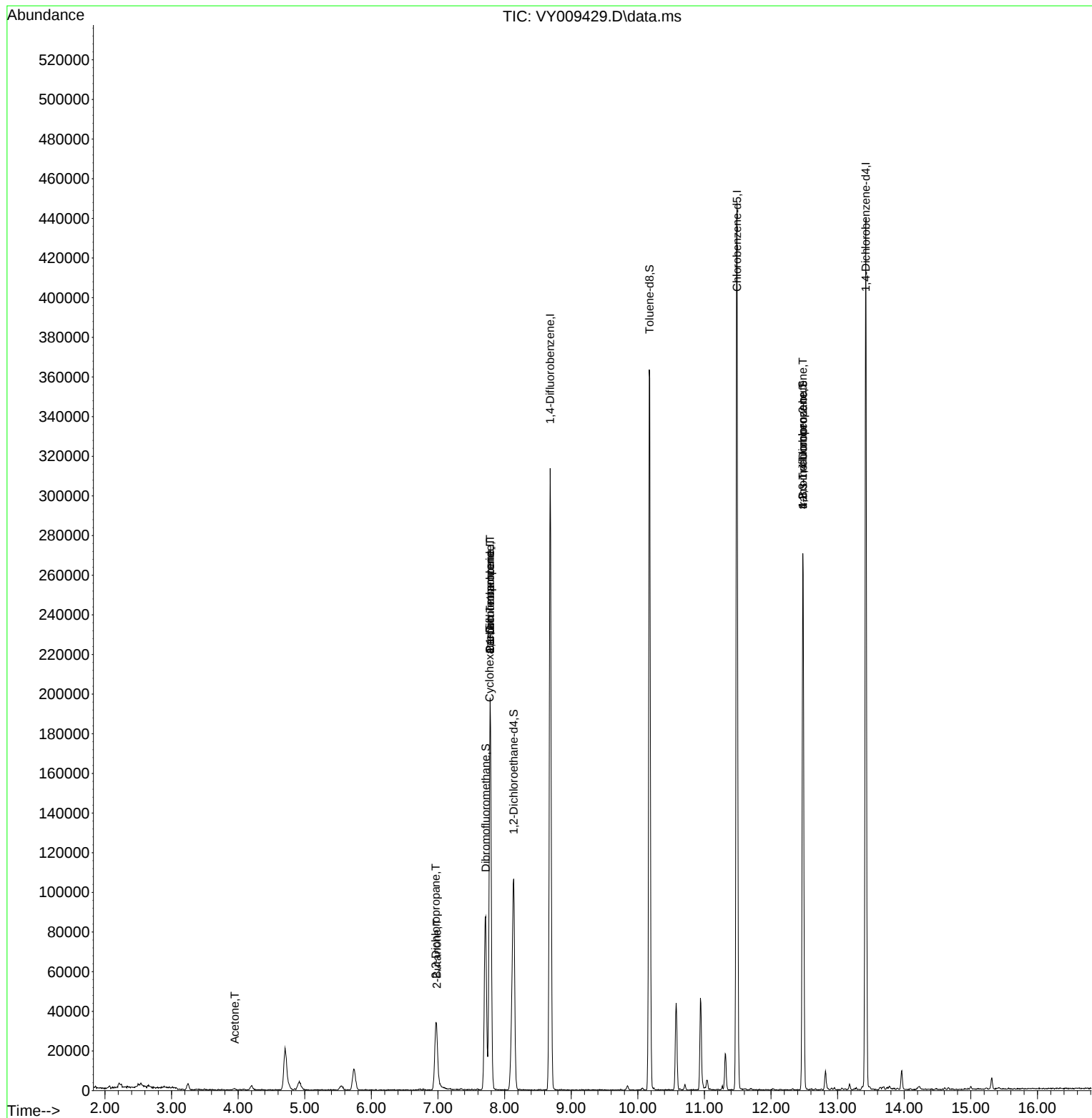
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.917	59	4280	Below Cal	#	81
16) Acetone	3.948	43	1148	2.842	ug/l	95
18) Methyl Acetate	4.466	43	239	Below Cal	#	56
25) 2-Butanone	6.984	43	2359	3.683	ug/l	# 74
26) 2,2-Dichloropropane	6.966	77	2892	1.018	ug/l	# 55
31) Cyclohexane	7.777	56	3286	1.188	ug/l	# 16
36) 1,1-Dichloropropene	7.783	75	11706	4.667	ug/l	# 50
38) Carbon Tetrachloride	7.783	117	14547	5.548	ug/l	# 14
76) 1,2,3-Trichloropropane	12.477	75	38899	31.362	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	38899	69.827	ug/l	# 7

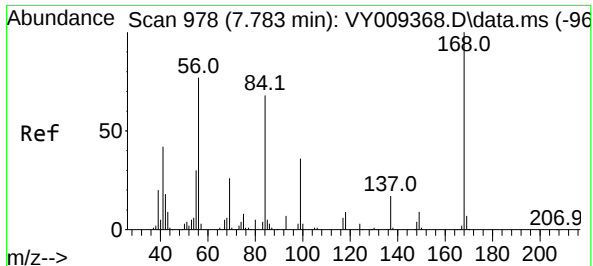
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
Data File : VY009429.D
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VY0705SBL01

Quant Time: Jul 06 04:47:12 2022
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Quant Title : SW846 8260
QLast Update : Wed Jun 29 17:35:34 2022
Response via : Initial Calibration

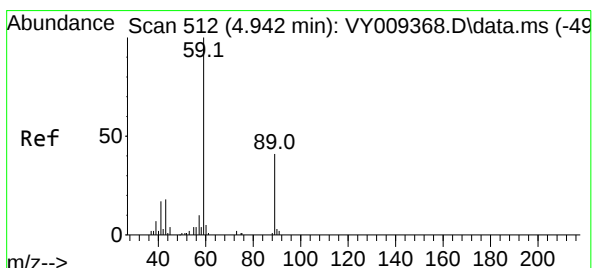
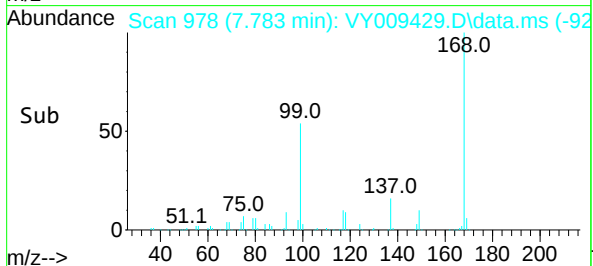
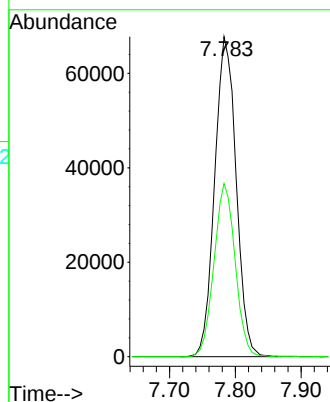
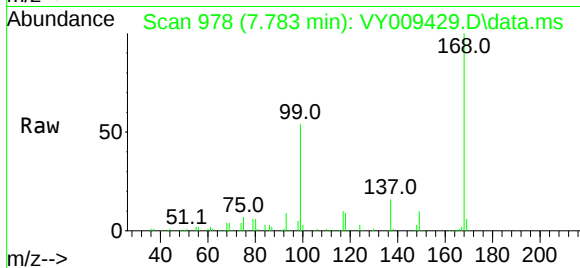




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009429.D
Acq: 05 Jul 2022 11:56

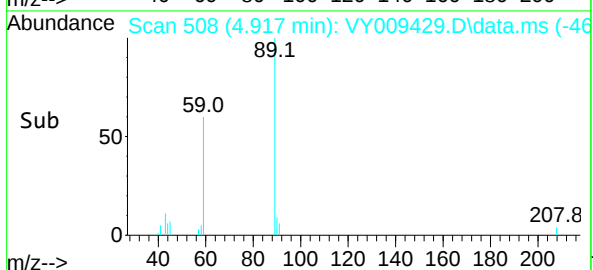
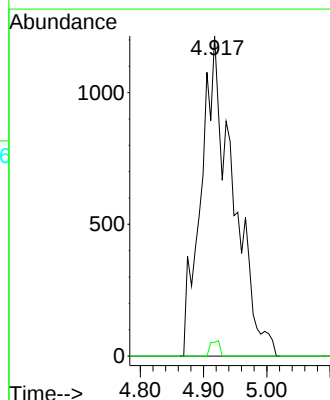
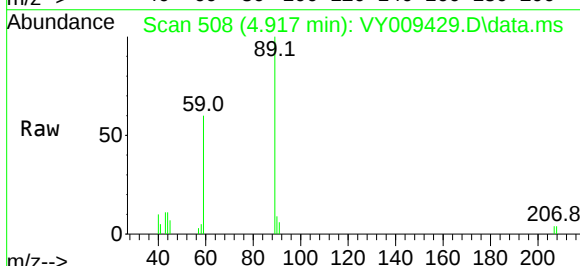
Instrument :
MSVOA_Y
ClientSampleId :
VY0705SBL01

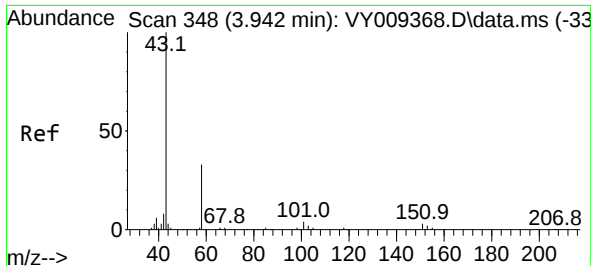
Tgt Ion:168 Resp: 153575
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.025 min
Lab File: VY009429.D
Acq: 05 Jul 2022 11:56

Tgt Ion: 59 Resp: 4280
Ion Ratio Lower Upper
59 100
57 1.4 6.4 9.6#

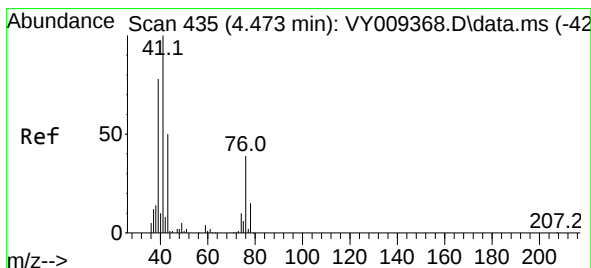
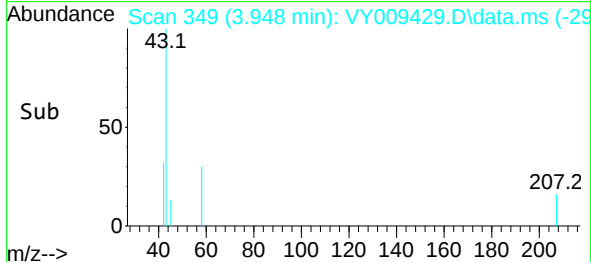
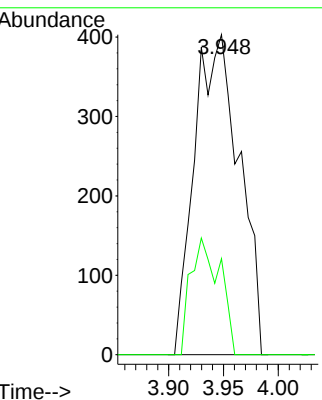
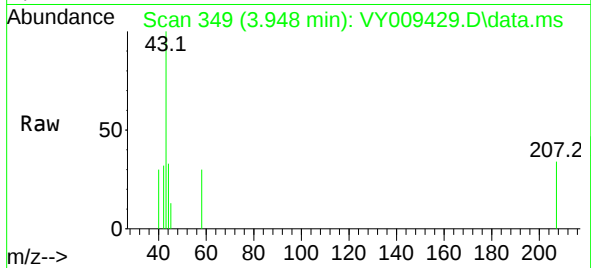




#16
Acetone
Concen: 2.842 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009429.D
Acq: 05 Jul 2022 11:56

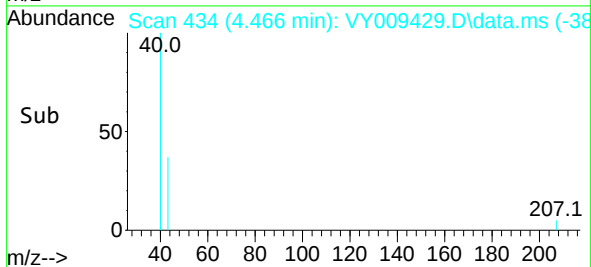
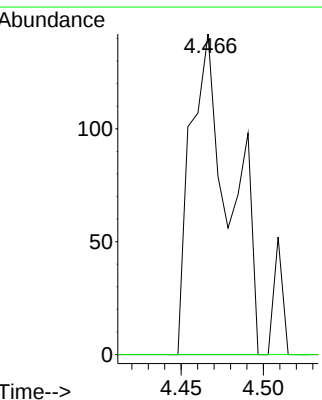
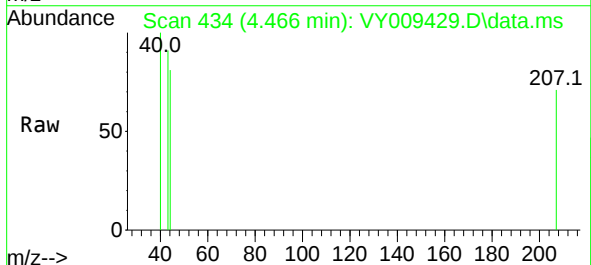
Instrument :
MSVOA_Y
ClientSampleId :
VY0705SBL01

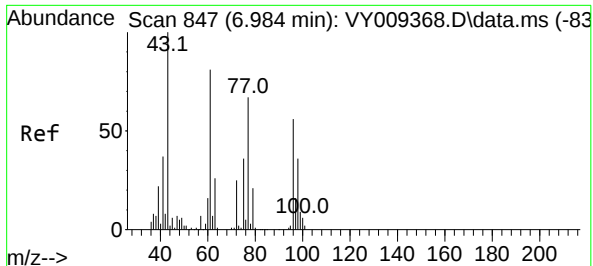
Tgt Ion: 43 Resp: 1148
Ion Ratio Lower Upper
43 100
58 30.0 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY009429.D
Acq: 05 Jul 2022 11:56

Tgt Ion: 43 Resp: 239
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#25

2-Butanone

Concen: 3.683 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY009429.D

Acq: 05 Jul 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

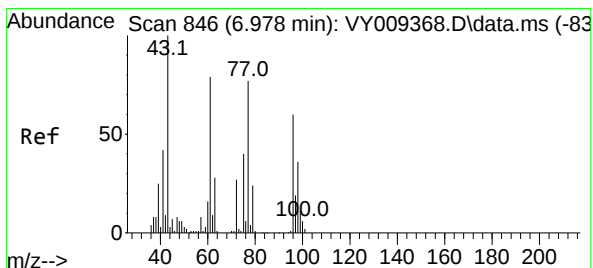
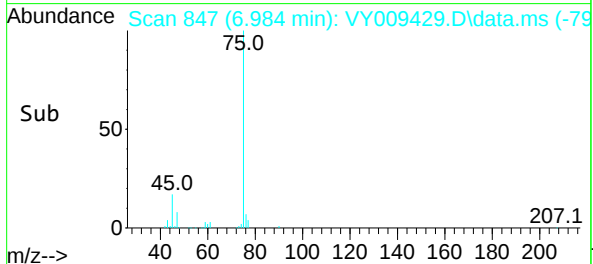
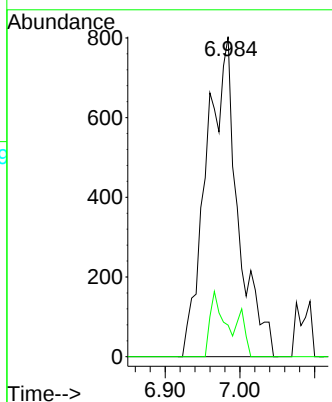
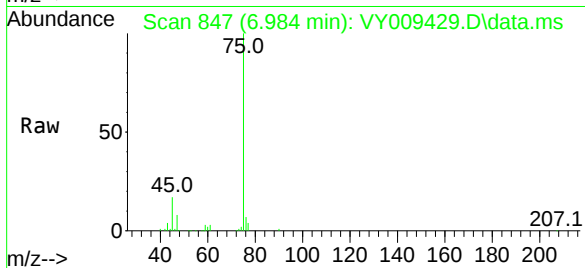
VY0705SBL01

Tgt Ion: 43 Resp: 2359

Ion Ratio Lower Upper

43 100

72 9.8 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 1.018 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY009429.D

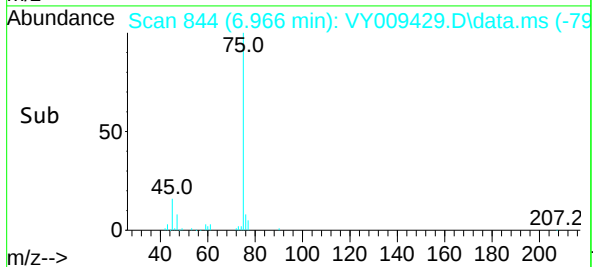
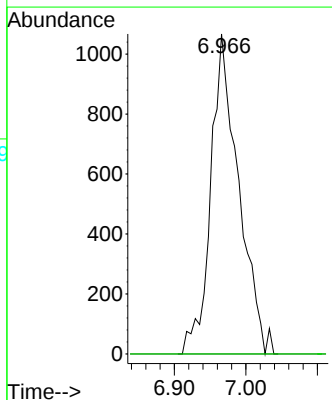
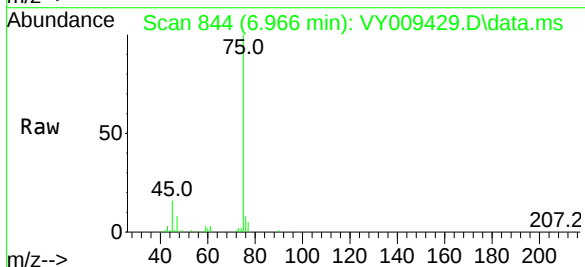
Acq: 05 Jul 2022 11:56

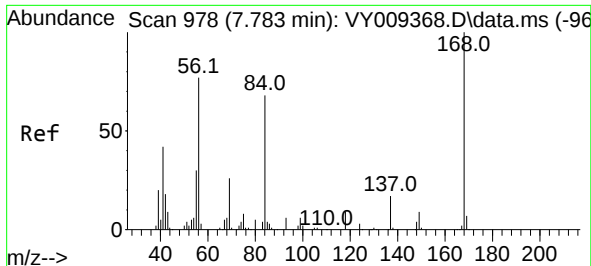
Tgt Ion: 77 Resp: 2892

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#

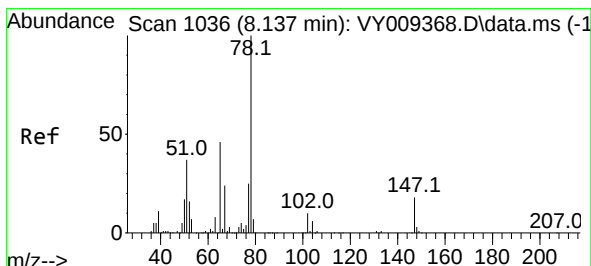
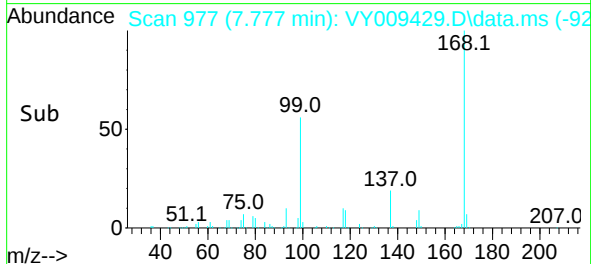
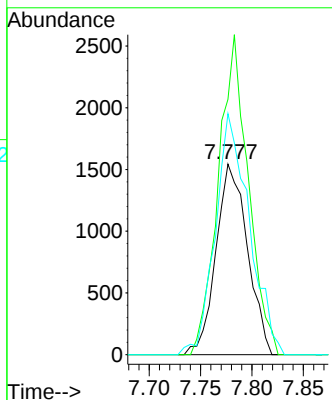
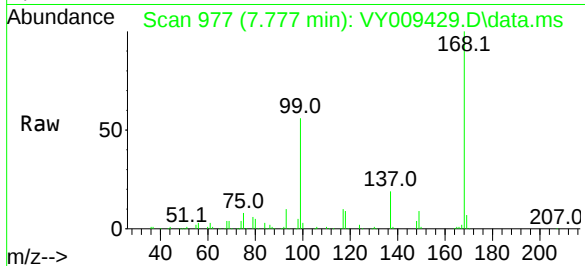




#31
Cyclohexane
Concen: 1.188 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009429.D
Acq: 05 Jul 2022 11:56

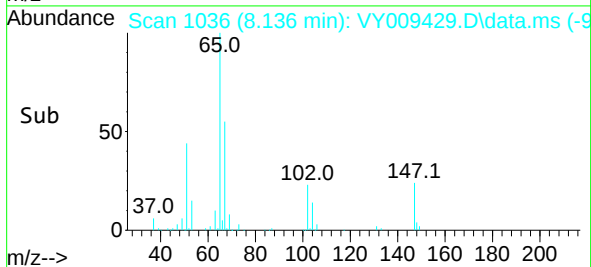
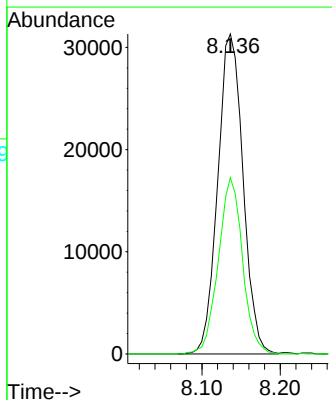
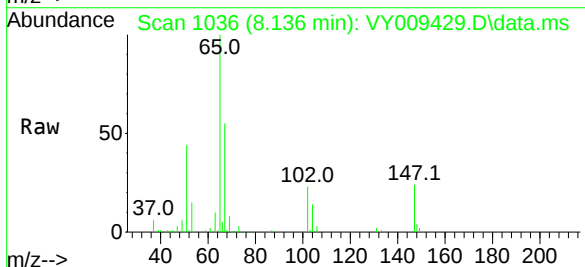
Instrument :
MSVOA_Y
ClientSampleId :
VY0705SBL01

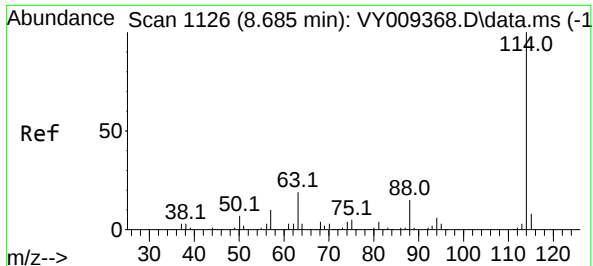
Tgt Ion: 56 Resp: 3286
Ion Ratio Lower Upper
56 100
69 134.1 26.7 40.1#
84 126.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.152 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009429.D
Acq: 05 Jul 2022 11:56

Tgt Ion: 65 Resp: 70301
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009429.D

Acq: 05 Jul 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0705SBL01

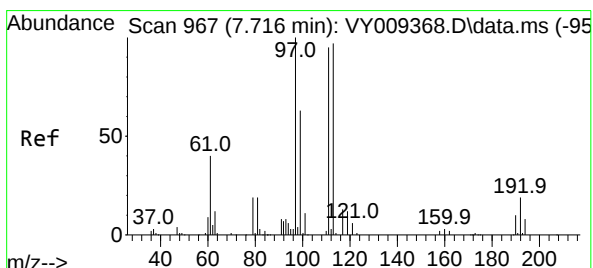
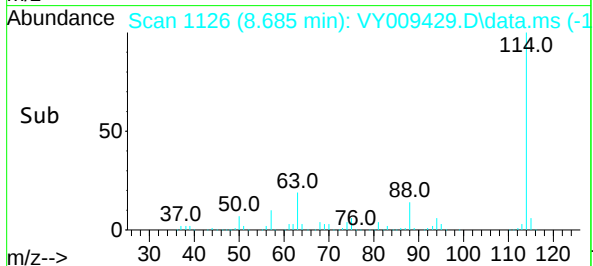
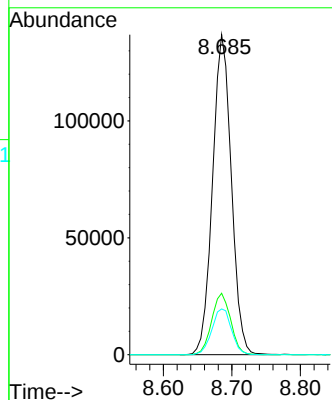
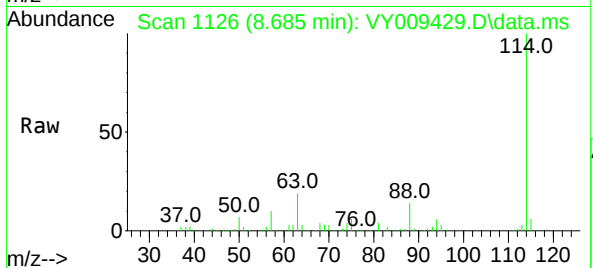
Tgt Ion:114 Resp: 260654

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.034 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009429.D

Acq: 05 Jul 2022 11:56

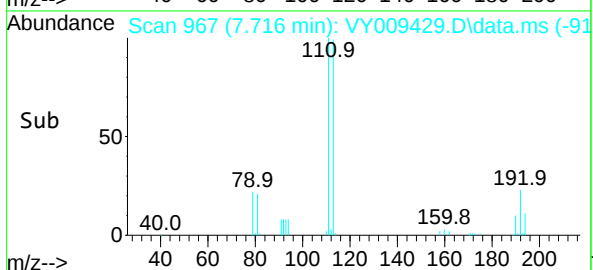
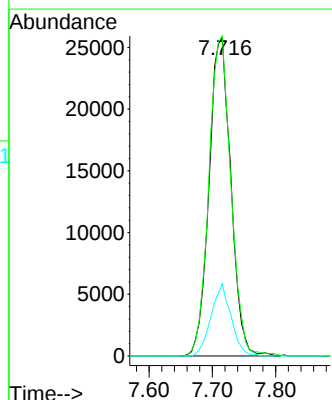
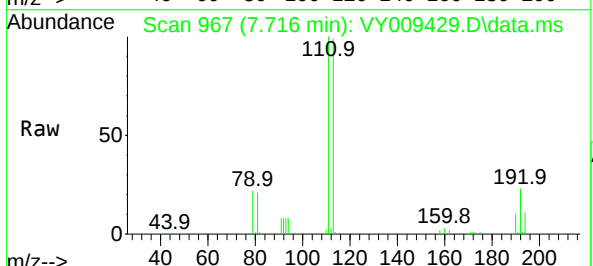
Tgt Ion:113 Resp: 61735

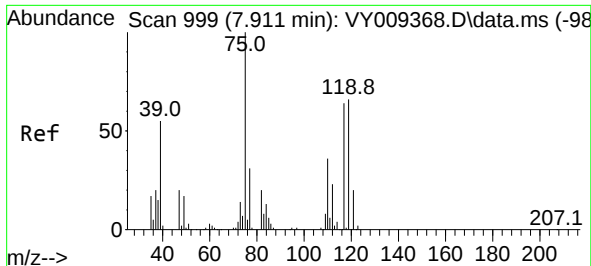
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 20.8 17.6 26.4

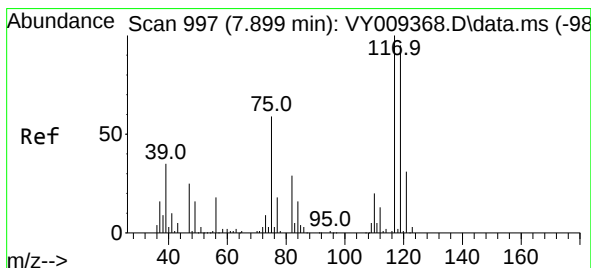
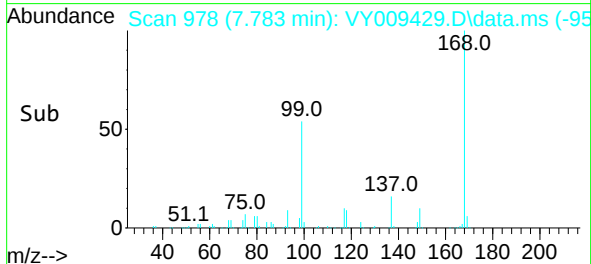
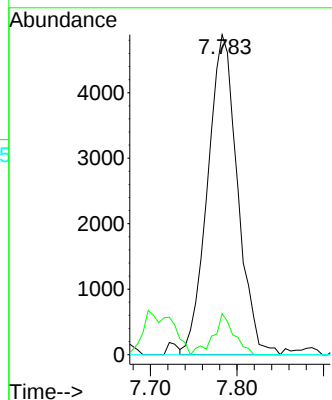
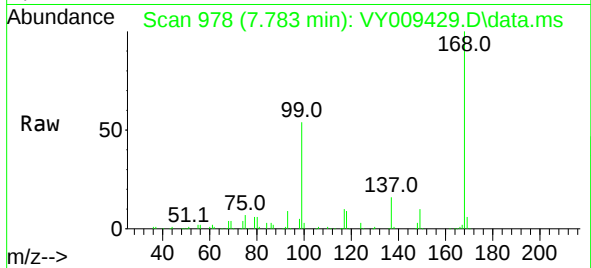




#36
1,1-Dichloropropene
Concen: 4.667 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009429.D
Acq: 05 Jul 2022 11:56

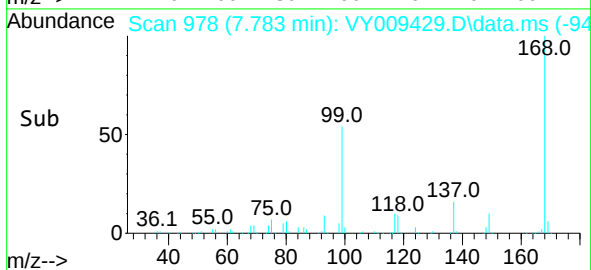
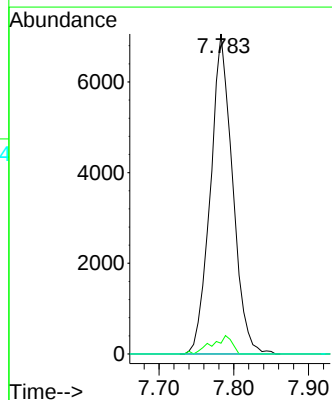
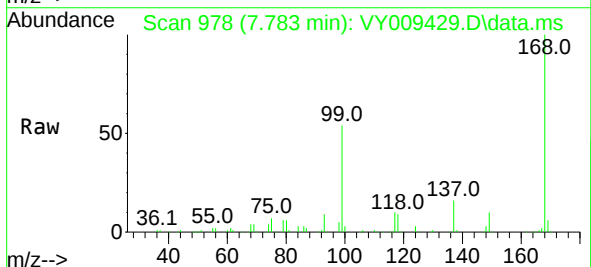
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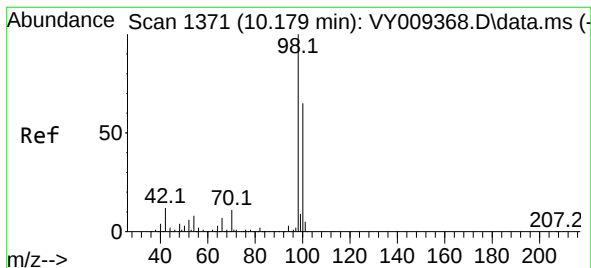
Tgt Ion: 75 Resp: 11706
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.548 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009429.D
Acq: 05 Jul 2022 11:56

Tgt Ion: 117 Resp: 14547
Ion Ratio Lower Upper
117 100
119 3.4 77.9 116.9#
121 0.0 24.8 37.2#

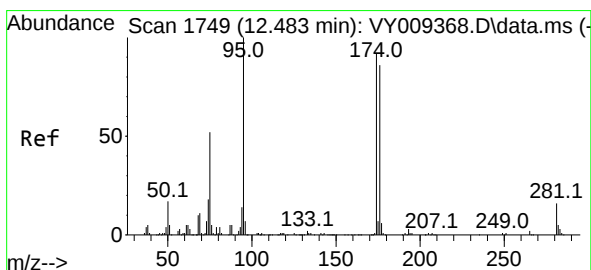
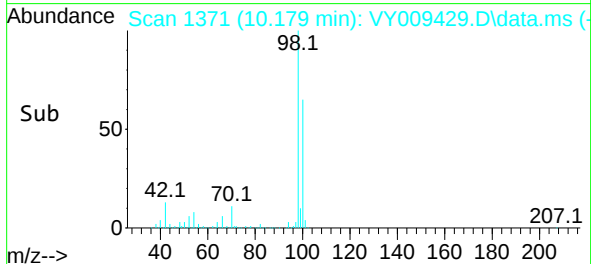
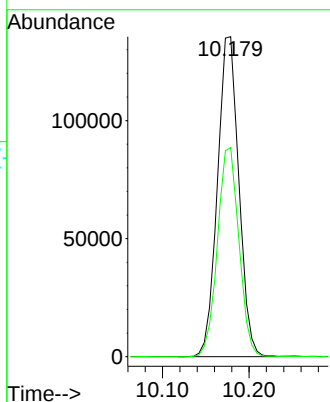
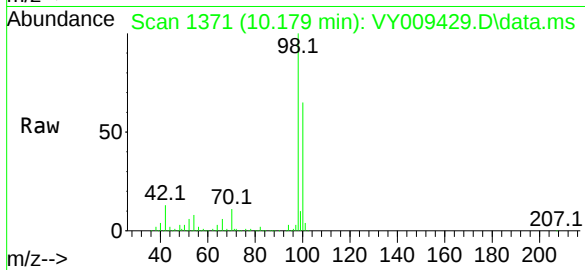




#50
Toluene-d8
Concen: 52.893 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009429.D
Acq: 05 Jul 2022 11:56

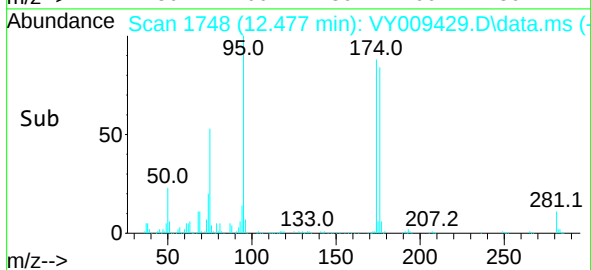
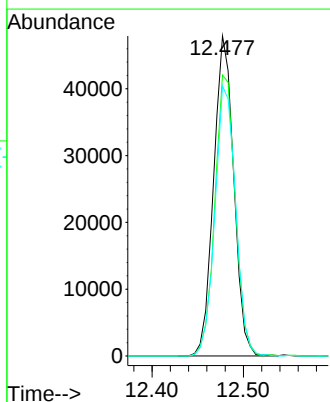
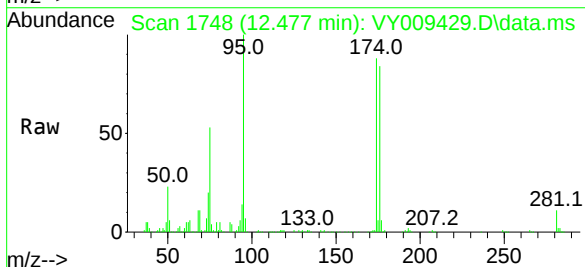
Instrument :
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VY0705SBL01

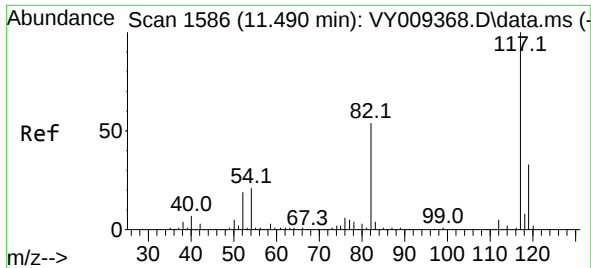
Tgt Ion: 98 Resp: 232645
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.137 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009429.D
Acq: 05 Jul 2022 11:56

Tgt Ion: 95 Resp: 73297
Ion Ratio Lower Upper
95 100
174 89.7 0.0 177.0
176 86.9 0.0 175.8

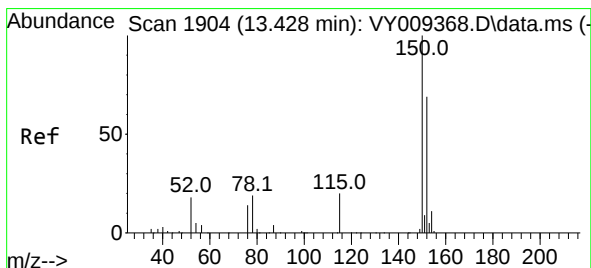
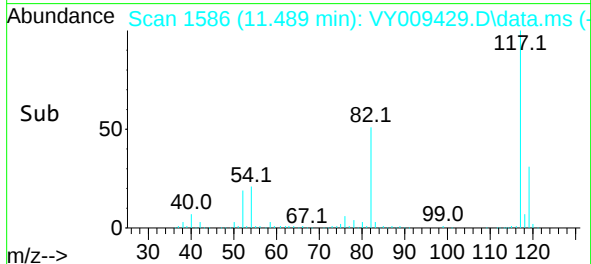
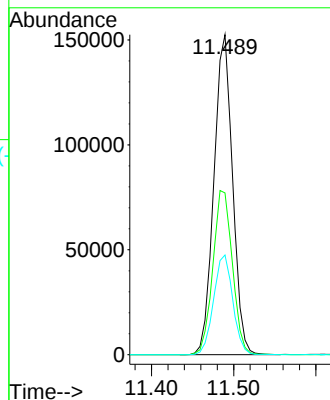
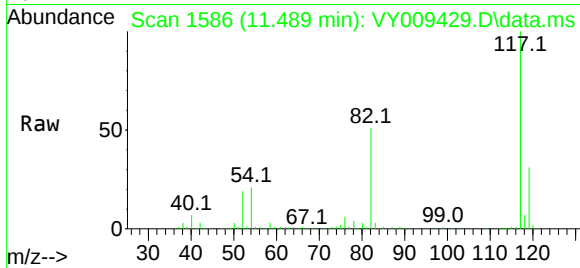




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009429.D
Acq: 05 Jul 2022 11:56

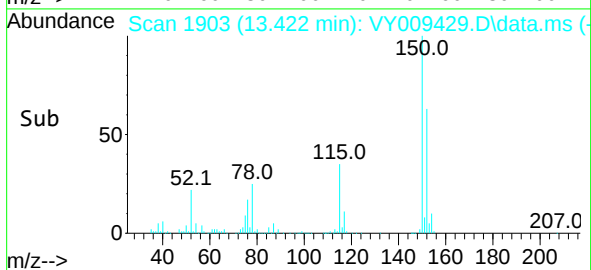
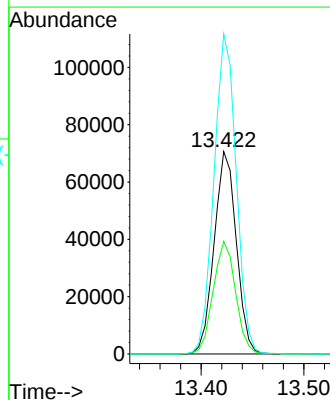
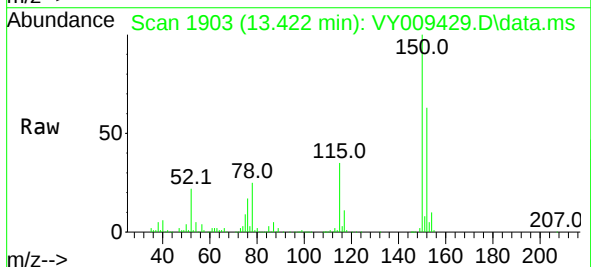
Instrument :
MSVOA_Y
ClientSampleId :
VY0705SBL01

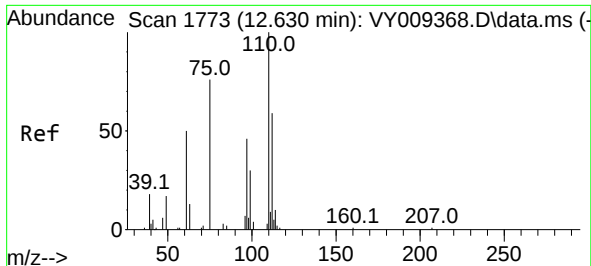
Tgt Ion:117 Resp: 240808
Ion Ratio Lower Upper
117 100
82 50.6 43.0 64.4
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009429.D
Acq: 05 Jul 2022 11:56

Tgt Ion:152 Resp: 105912
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 159.1 0.0 347.6

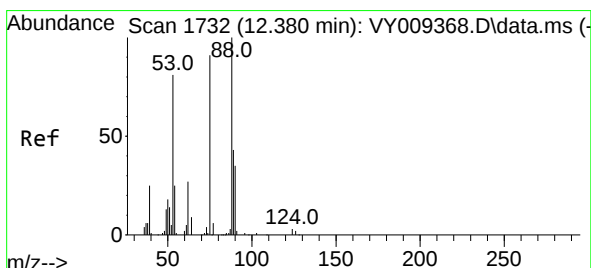
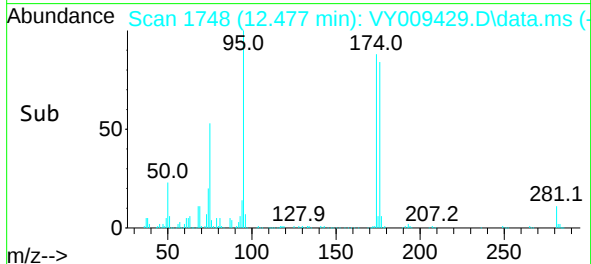
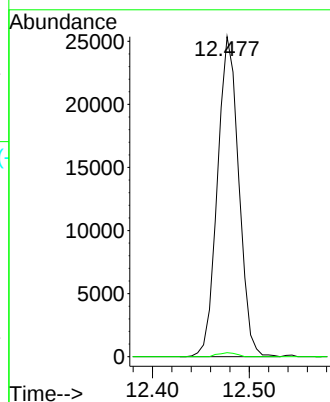
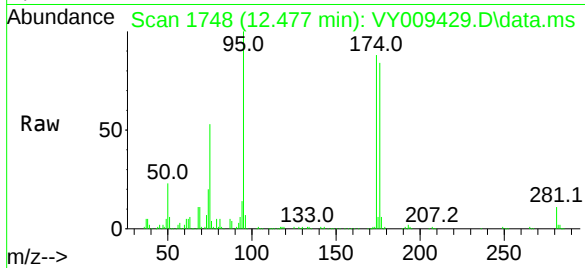




#76
1,2,3-Trichloropropane
Concen: 31.362 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009429.D
Acq: 05 Jul 2022 11:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0705SBL01

Tgt Ion: 75 Resp: 38899
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.827 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009429.D
Acq: 05 Jul 2022 11:56

Tgt Ion: 75 Resp: 38899
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

