

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009871.D
 Acq On : 05 Aug 2022 23:17
 Operator : KP/MD
 Sample : N4062-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-080422

Quant Time: Aug 06 01:24:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

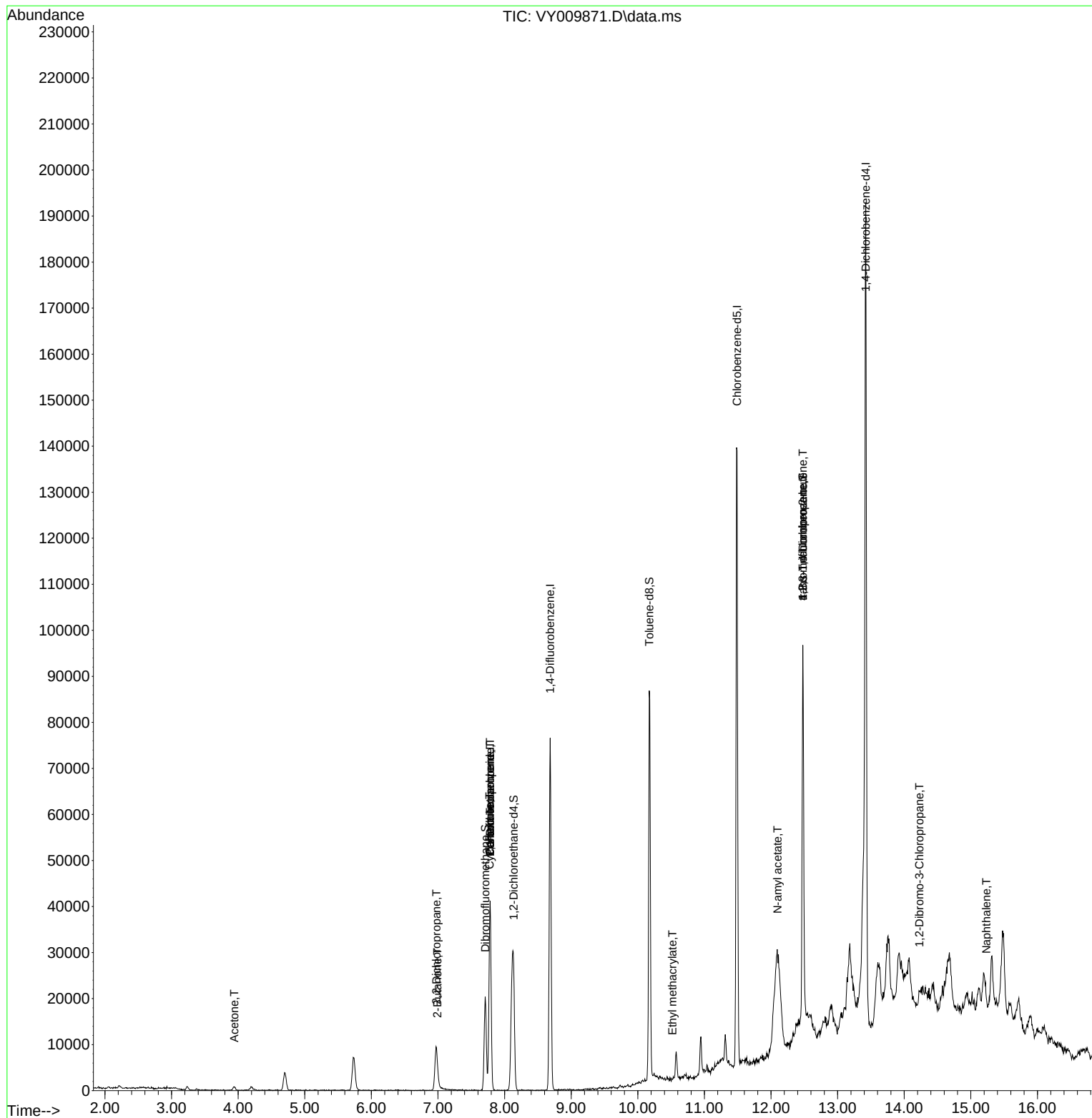
Internal Standards						
1) Pentafluorobenzene	7.783	168	30868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	61526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	72687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	38790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	15735	63.668	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.340%			
35) Dibromofluoromethane	7.710	113	13521	36.043	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 72.080%			
50) Toluene-d8	10.173	98	54133	49.017	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 98.040%			
62) 4-Bromofluorobenzene	12.477	95	22966	45.211	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 90.420%			
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.900	85	211	Below Cal	#	42
16) Acetone	3.942	43	1223	13.997	ug/l #	74
20) Methylene Chloride	4.704	84	2854	Below Cal		91
25) 2-Butanone	6.990	43	615	4.303	ug/l #	53
26) 2,2-Dichloropropane	6.978	77	760	1.304	ug/l #	52
31) Cyclohexane	7.777	56	797	1.365	ug/l #	29
36) 1,1-Dichloropropene	7.783	75	2707	4.350	ug/l #	46
38) Carbon Tetrachloride	7.783	117	3192	4.877	ug/l #	15
56) Ethyl methacrylate	10.520	69	117	3.148	ug/l #	34
74) N-amyl acetate	12.099	43	645	4.065	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	11810	26.615	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	11810	57.122	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	14.227	75	97	1.019	ug/l #	1
95) Naphthalene	15.233	128	553	5.740	ug/l #	88

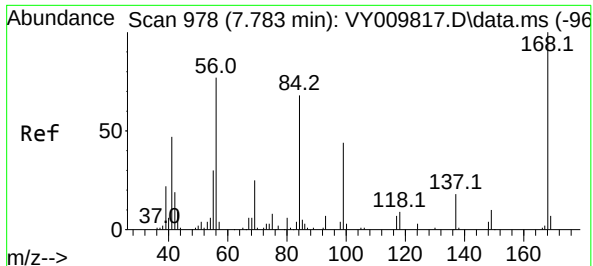
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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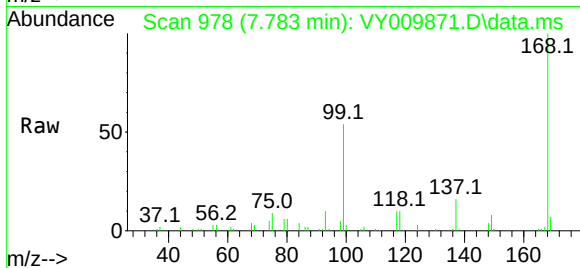
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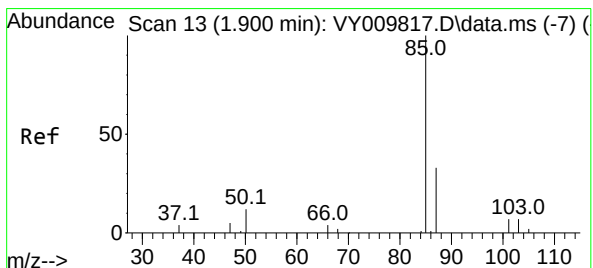
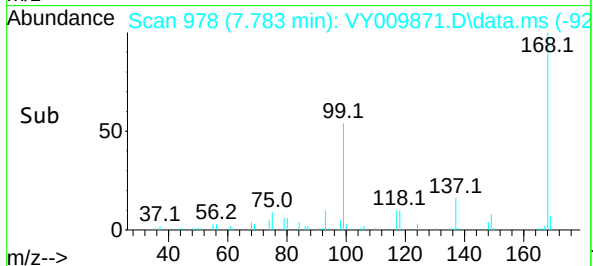
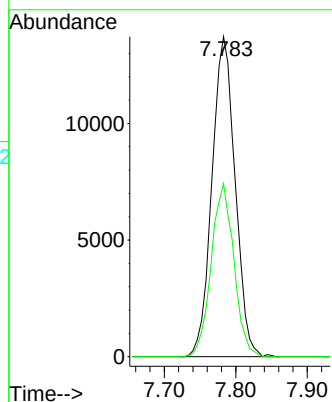


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009871.D
Acq: 05 Aug 2022 23:17

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-080422

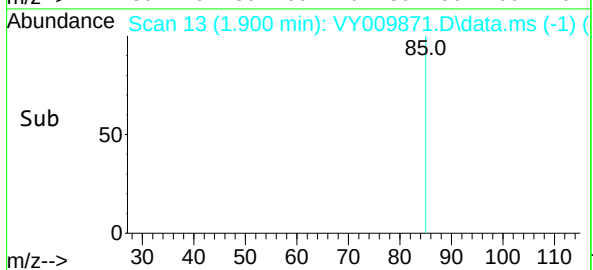
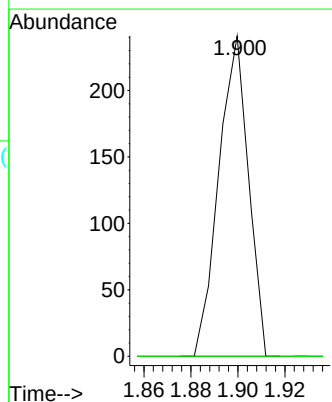
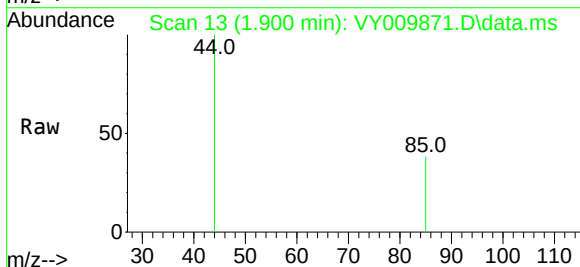


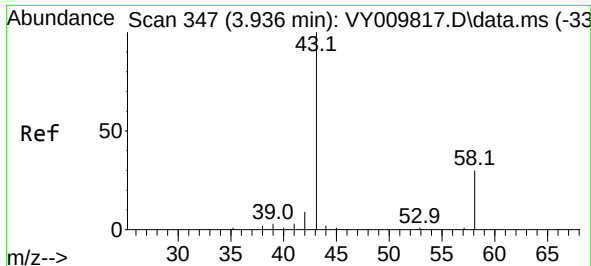
Tgt Ion:168 Resp: 30868
Ion Ratio Lower Upper
168 100
99 54.1 44.7 67.1



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009871.D
Acq: 05 Aug 2022 23:17

Tgt Ion: 85 Resp: 211
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#





#16

Acetone

Concen: 13.997 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY009871.D

Acq: 05 Aug 2022 23:17

Instrument :

MSVOA_Y

ClientSampleId :

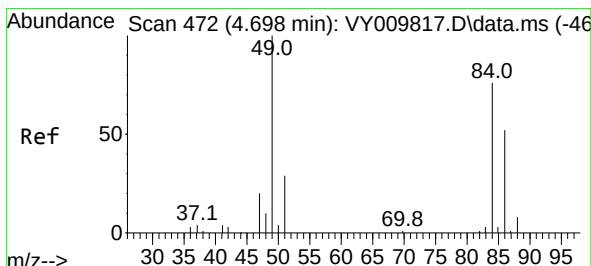
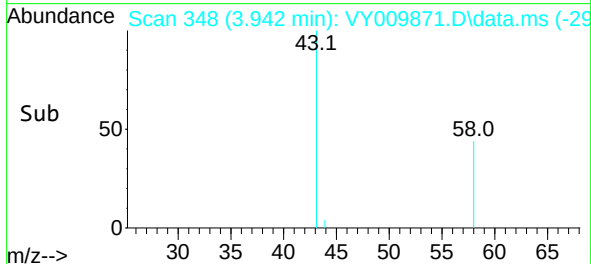
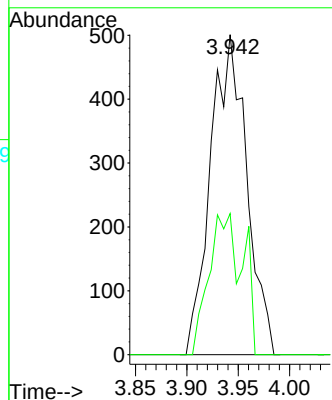
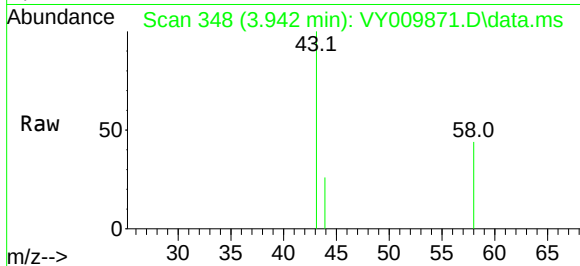
OK-02-080422

Tgt Ion: 43 Resp: 1223

Ion Ratio Lower Upper

43 100

58 44.1 24.1 36.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 473

Delta R.T. 0.006 min

Lab File: VY009871.D

Acq: 05 Aug 2022 23:17

Tgt Ion: 84 Resp: 2854

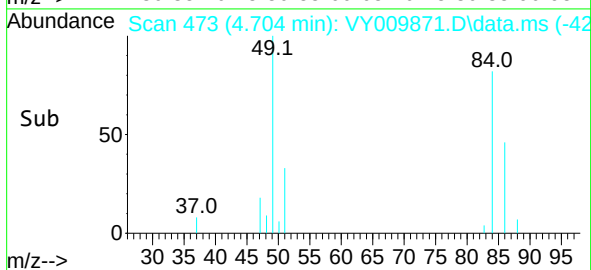
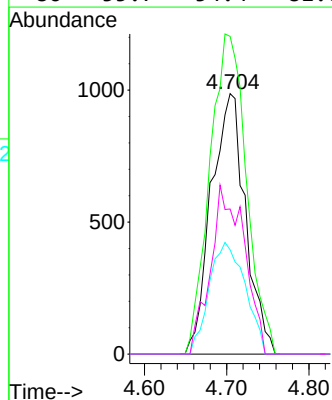
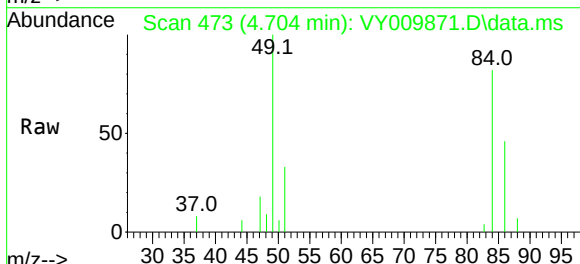
Ion Ratio Lower Upper

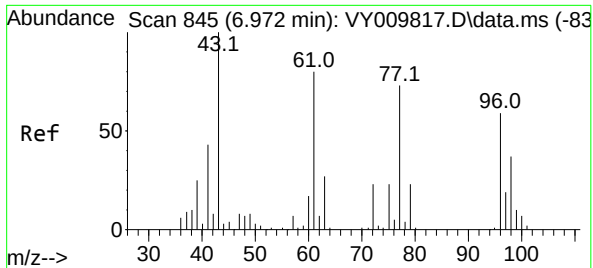
84 100

49 122.0 104.6 156.8

51 40.0 30.9 46.3

86 55.7 54.4 81.6





#25

2-Butanone

Concen: 4.303 ug/l

RT: 6.990 min Scan# 845

Delta R.T. 0.018 min

Lab File: VY009871.D

Acq: 05 Aug 2022 23:17

Instrument :

MSVOA_Y

ClientSampleId :

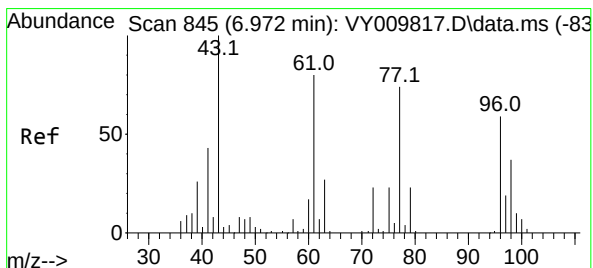
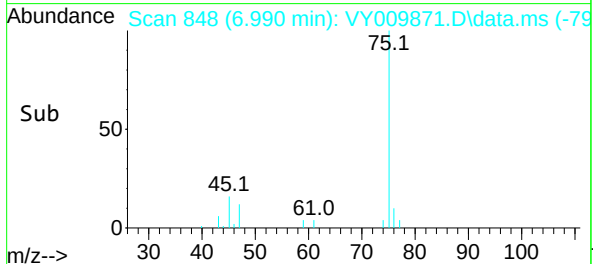
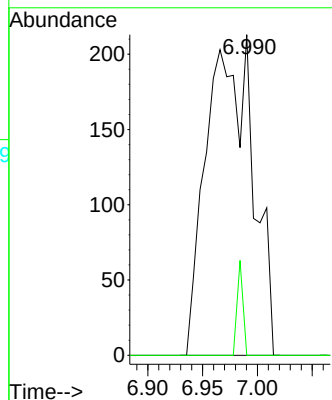
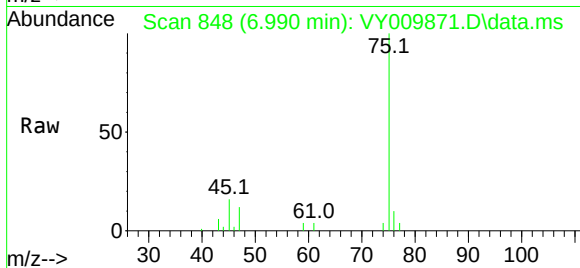
OK-02-080422

Tgt Ion: 43 Resp: 615

Ion Ratio Lower Upper

43 100

72 0.0 18.2 27.4#



#26

2,2-Dichloropropane

Concen: 1.304 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY009871.D

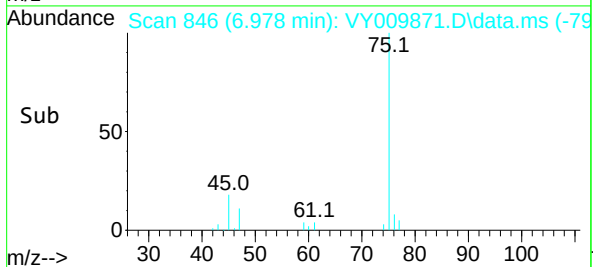
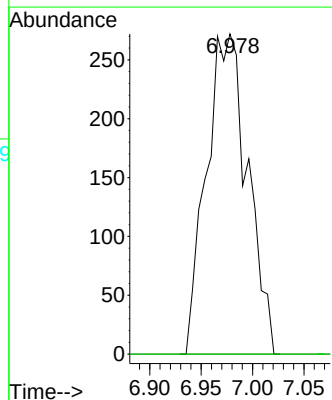
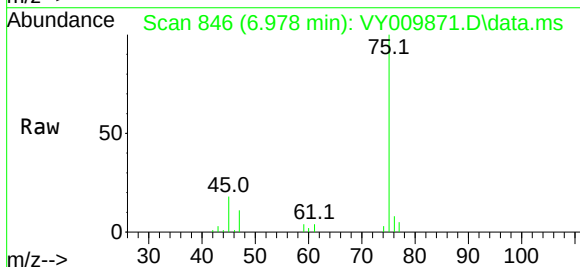
Acq: 05 Aug 2022 23:17

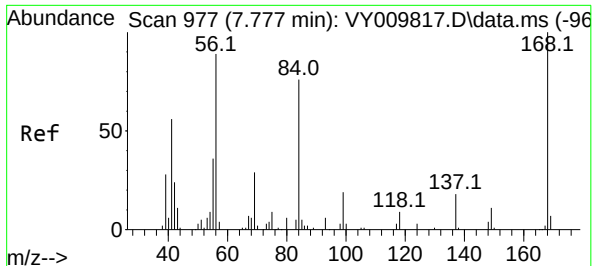
Tgt Ion: 77 Resp: 760

Ion Ratio Lower Upper

77 100

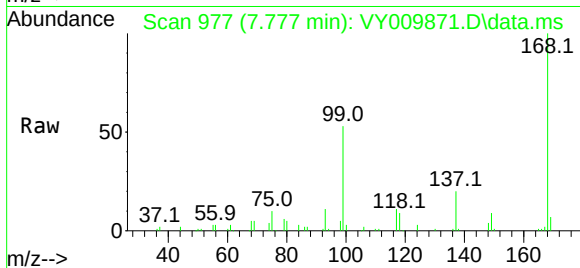
97 0.0 11.6 34.8#



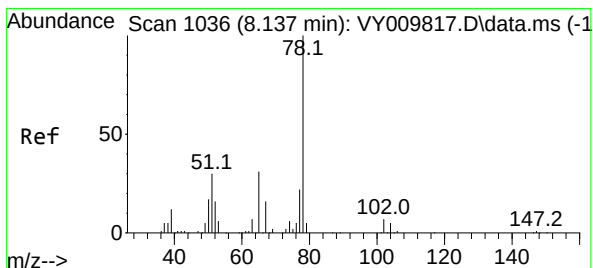
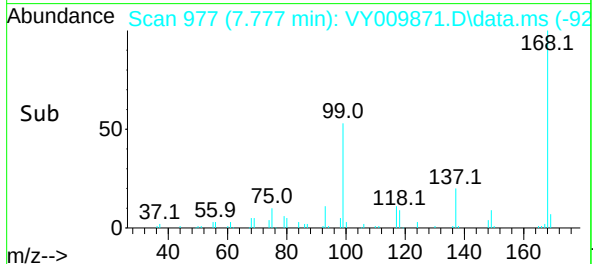
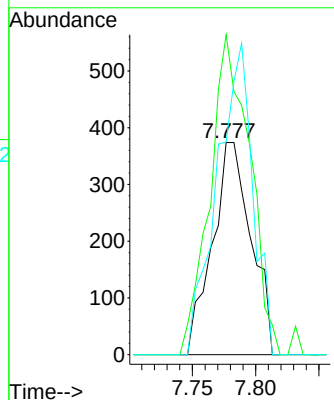


#31
Cyclohexane
Concen: 1.365 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009871.D
Acq: 05 Aug 2022 23:17

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-080422

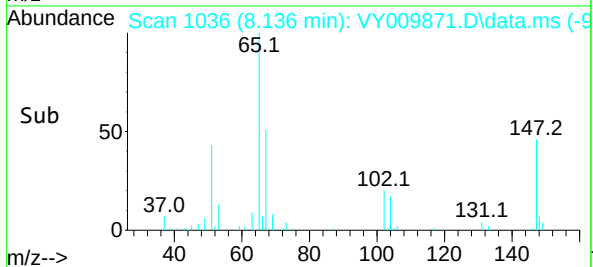
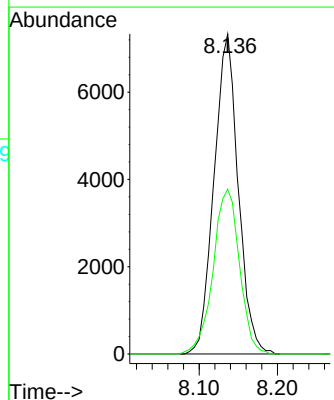
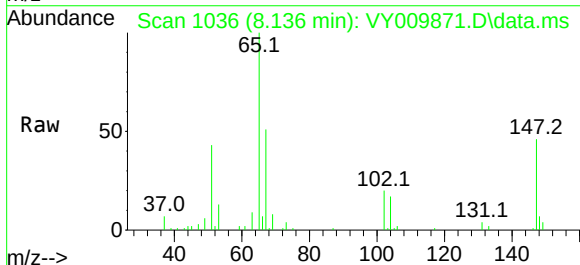


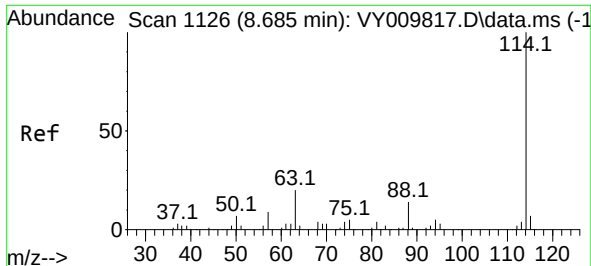
Tgt Ion: 56 Resp: 797
Ion Ratio Lower Upper
56 100
69 150.8 25.8 38.8#
84 100.3 67.9 101.9



#33
1,2-Dichloroethane-d4
Concen: 63.668 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY009871.D
Acq: 05 Aug 2022 23:17

Tgt Ion: 65 Resp: 15735
Ion Ratio Lower Upper
65 100
67 56.0 0.0 112.4

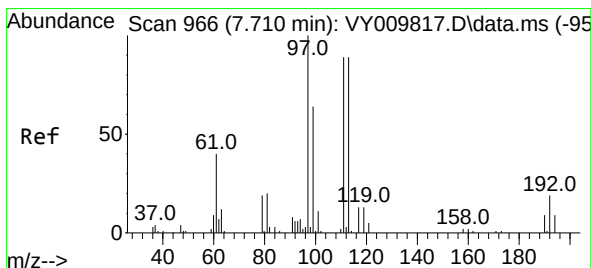
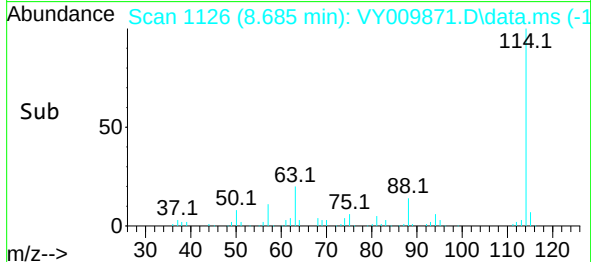
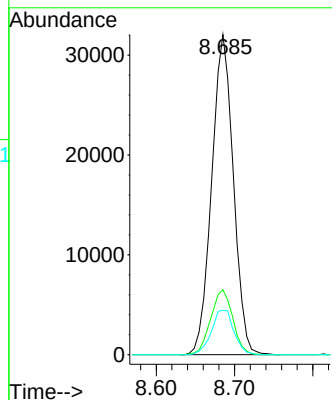
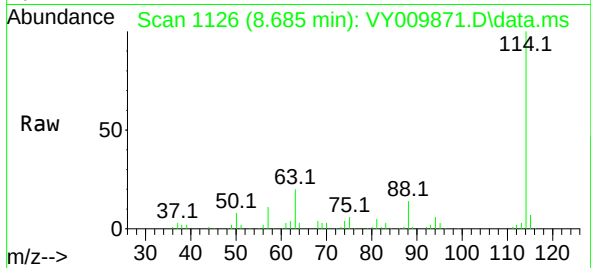




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009871.D
Acq: 05 Aug 2022 23:17

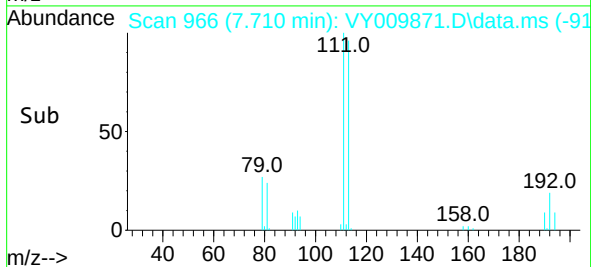
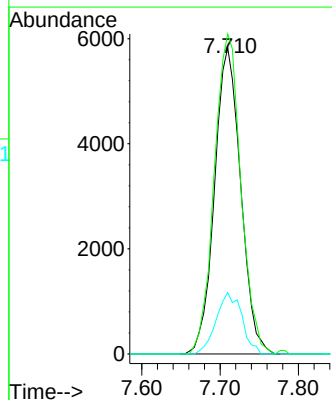
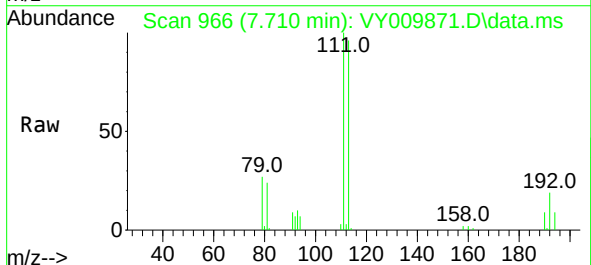
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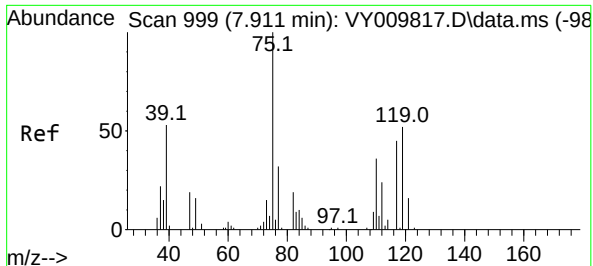
Tgt Ion:114	Resp:	61526
Ion	Ratio	Lower Upper
114	100	
63	20.3	0.0 39.2
88	13.9	0.0 27.6



#35
Dibromofluoromethane
Concen: 36.043 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009871.D
Acq: 05 Aug 2022 23:17

Tgt Ion:113	Resp:	13521
Ion	Ratio	Lower Upper
113	100	
111	106.4	82.4 123.6
192	19.6	16.5 24.7

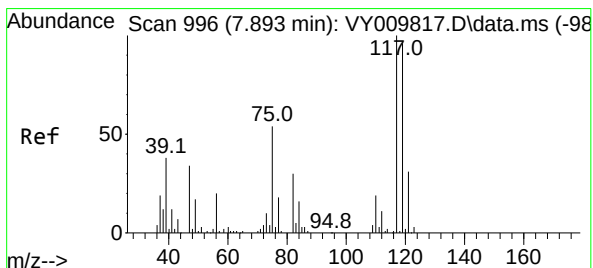
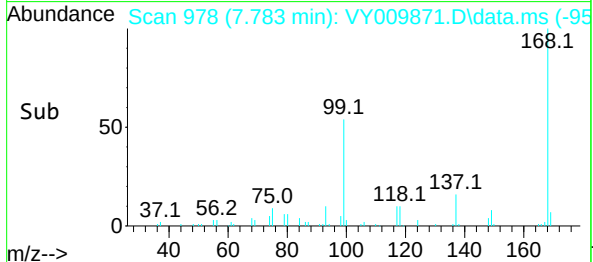
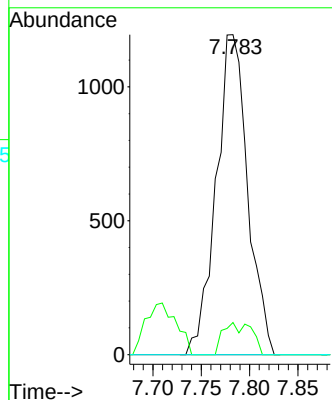
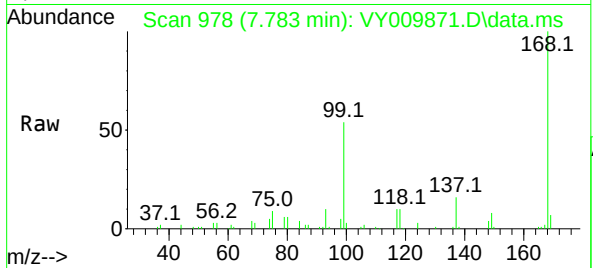




#36
1,1-Dichloropropene
Concen: 4.350 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009871.D
Acq: 05 Aug 2022 23:17

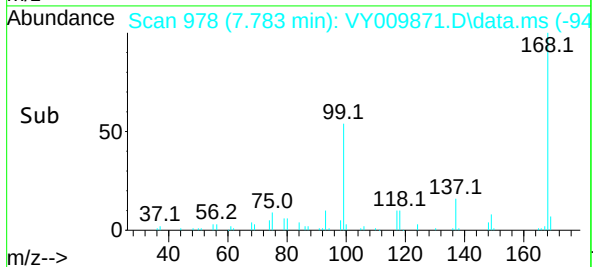
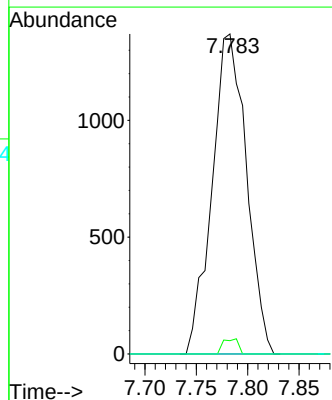
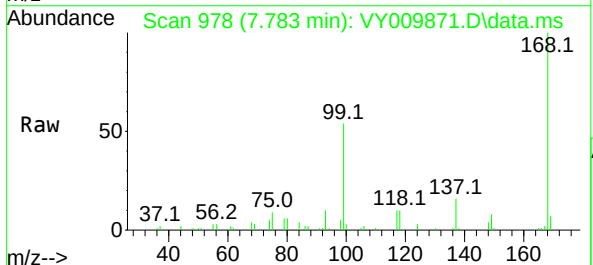
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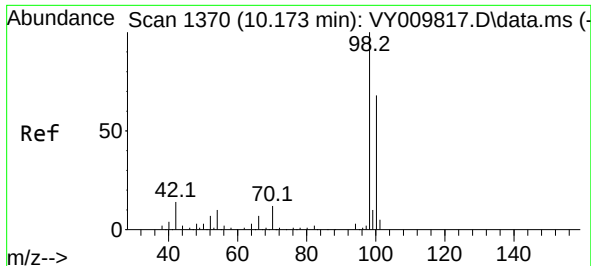
Tgt Ion: 75 Resp: 2707
Ion Ratio Lower Upper
75 100
110 5.2 17.8 53.4#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 4.877 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009871.D
Acq: 05 Aug 2022 23:17

Tgt Ion: 117 Resp: 3192
Ion Ratio Lower Upper
117 100
119 4.2 76.8 115.2#
121 0.0 24.9 37.3#

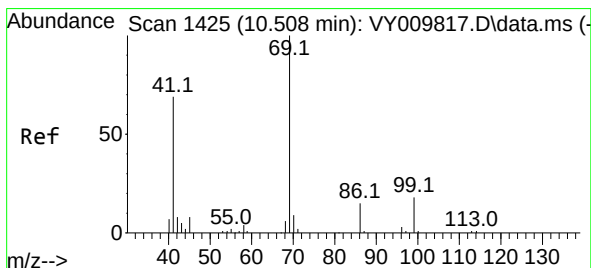
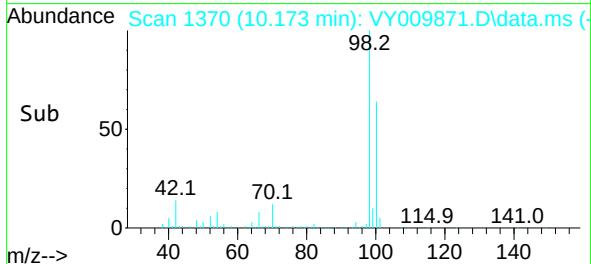
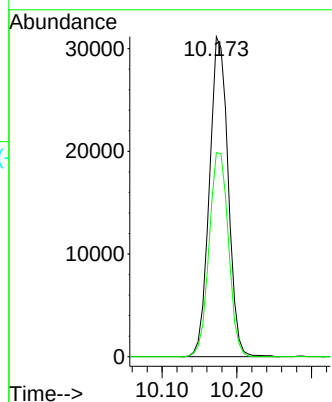
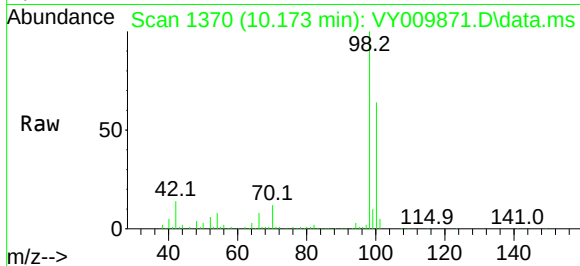




#50
Toluene-d8
Concen: 49.017 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009871.D
Acq: 05 Aug 2022 23:17

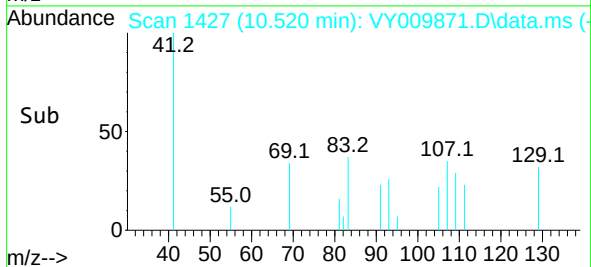
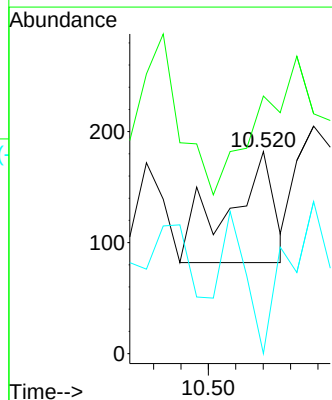
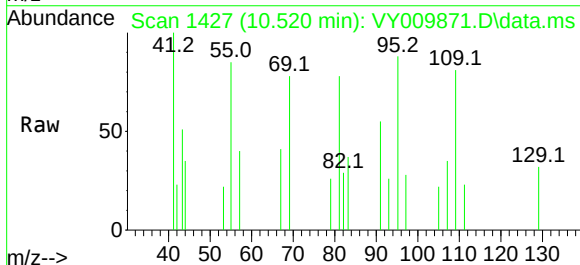
Instrument :
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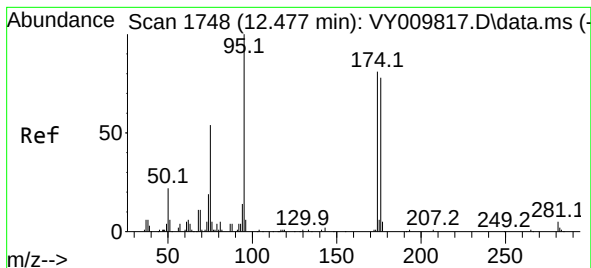
Tgt Ion: 98 Resp: 54133
Ion Ratio Lower Upper
98 100
100 65.7 53.4 80.2



#56
Ethyl methacrylate
Concen: 3.148 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY009871.D
Acq: 05 Aug 2022 23:17

Tgt Ion: 69 Resp: 117
Ion Ratio Lower Upper
69 100
41 0.0 58.2 87.4#
39 61.5 33.8 50.8#

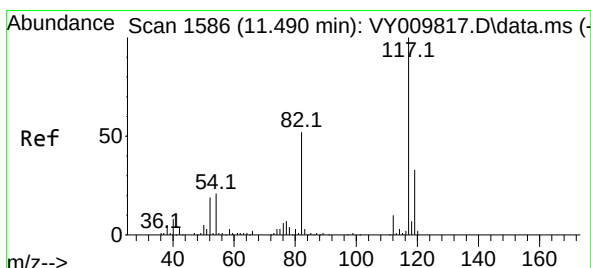
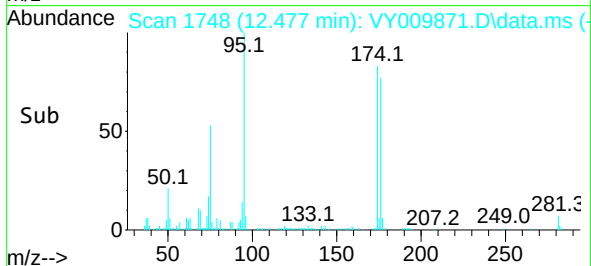
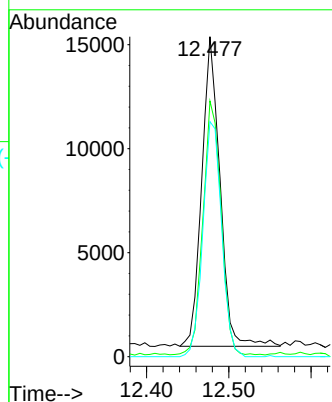
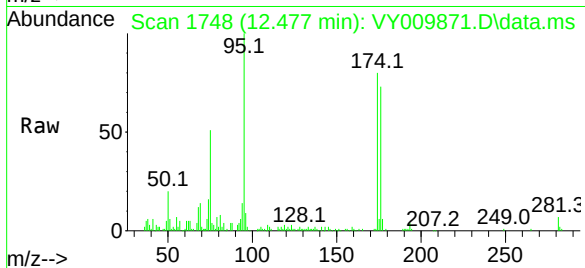




#62
4-Bromofluorobenzene
Concen: 45.211 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009871.D
Acq: 05 Aug 2022 23:17

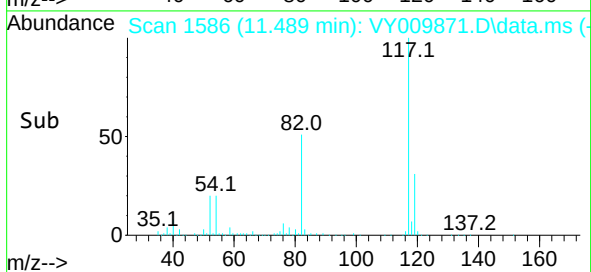
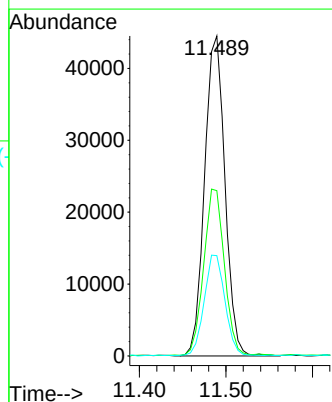
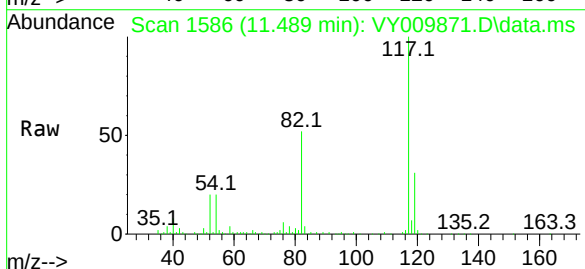
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-080422

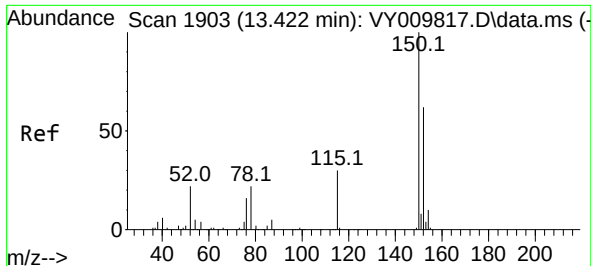
Tgt Ion:	95	Resp:	22966
Ion	Ratio	Lower	Upper
95	100		
174	81.4	0.0	168.6
176	77.8	0.0	163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009871.D
Acq: 05 Aug 2022 23:17

Tgt Ion:	117	Resp:	72687
Ion	Ratio	Lower	Upper
117	100		
82	51.5	41.7	62.5
119	31.2	26.6	40.0

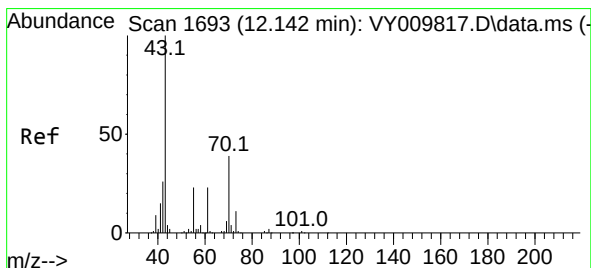
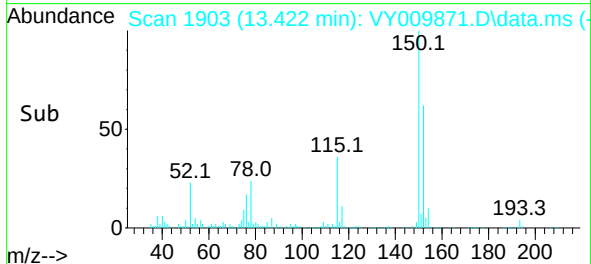
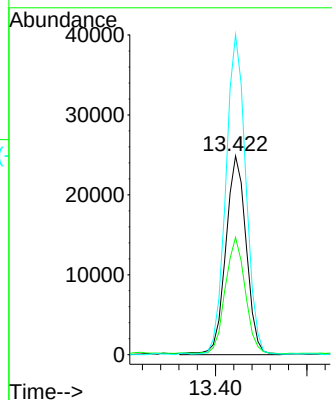
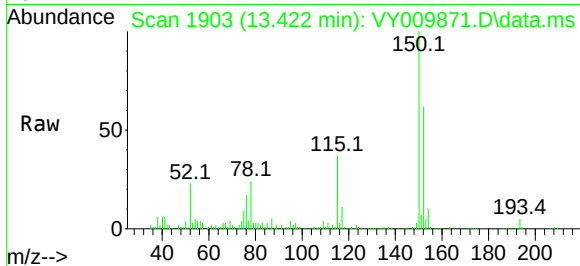




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009871.D
Acq: 05 Aug 2022 23:17

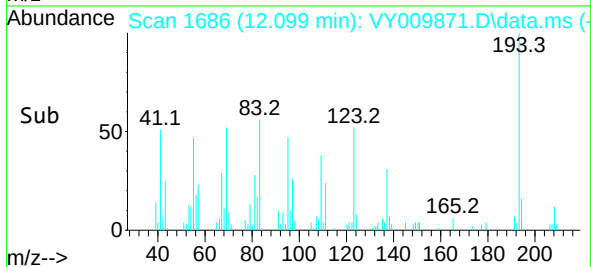
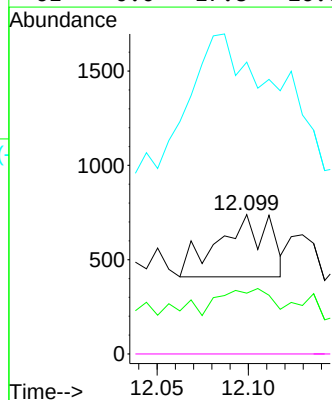
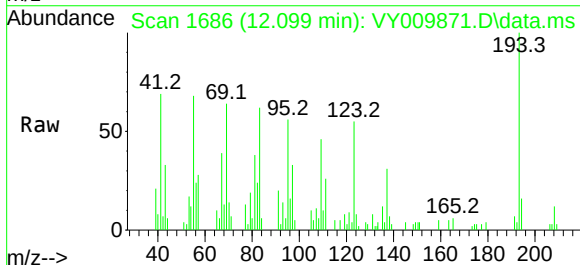
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-080422

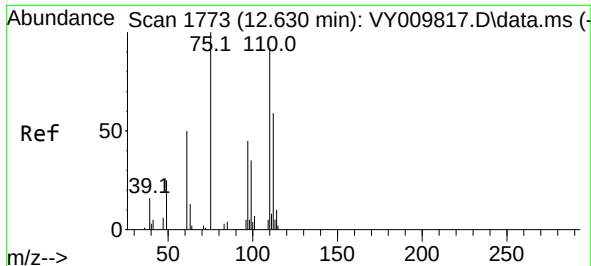
Tgt Ion:152 Resp: 38790
Ion Ratio Lower Upper
152 100
115 56.6 28.9 86.7
150 155.6 0.0 354.2



#74
N-ethyl acetate
Concen: 4.065 ug/l
RT: 12.099 min Scan# 1686
Delta R.T. -0.043 min
Lab File: VY009871.D
Acq: 05 Aug 2022 23:17

Tgt Ion: 43 Resp: 645
Ion Ratio Lower Upper
43 100
70 44.0 31.4 47.0
55 1129.5 19.0 28.4#
61 0.0 17.8 26.6#

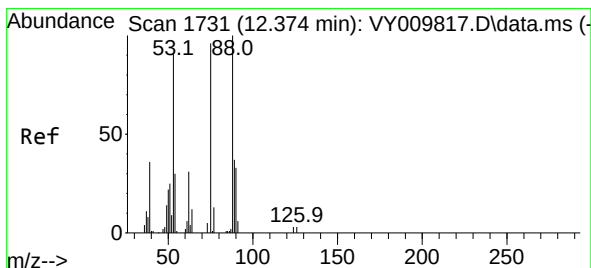
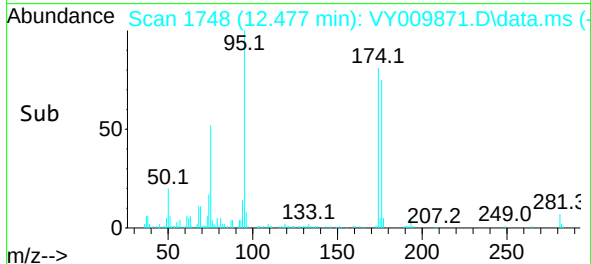
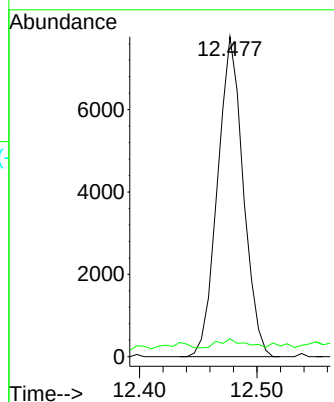
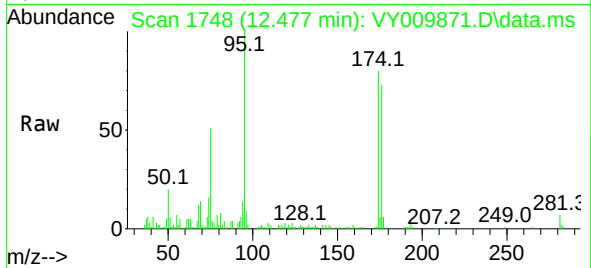




#76
1,2,3-Trichloropropane
Concen: 26.615 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009871.D
Acq: 05 Aug 2022 23:17

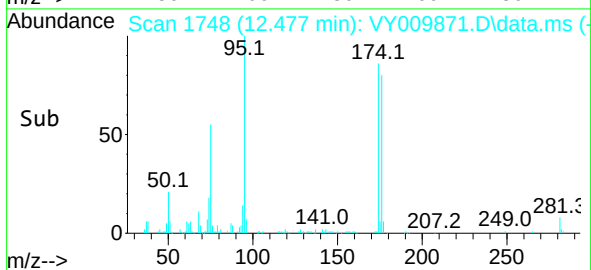
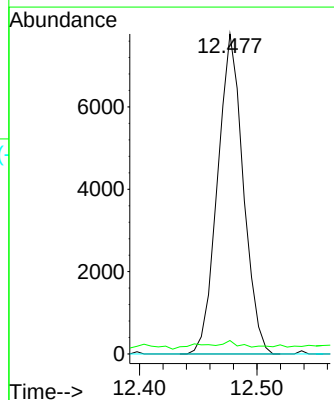
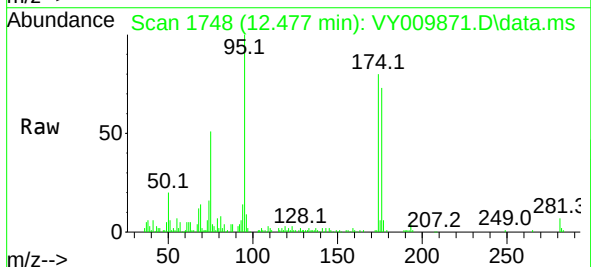
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-080422

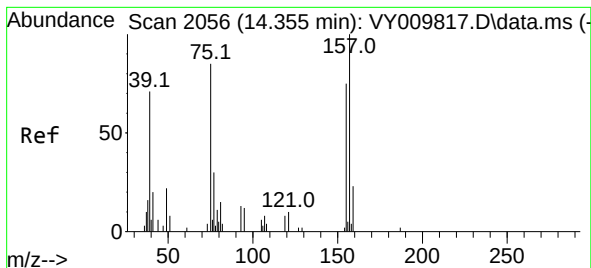
Tgt Ion: 75 Resp: 11810
Ion Ratio Lower Upper
75 100
77 3.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.122 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009871.D
Acq: 05 Aug 2022 23:17

Tgt Ion: 75 Resp: 11810
Ion Ratio Lower Upper
75 100
53 0.7 74.2 111.4#
89 0.0 35.3 52.9#

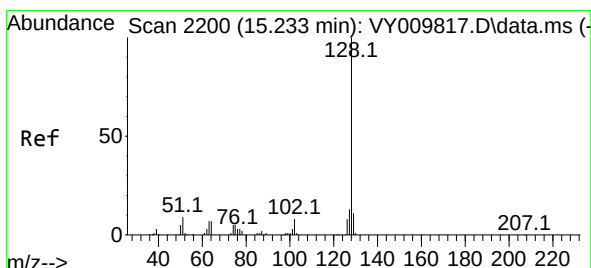
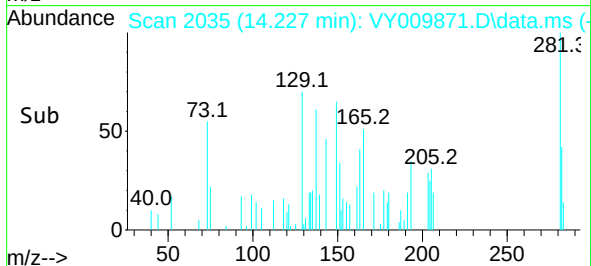
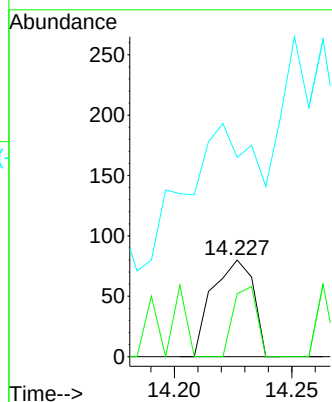
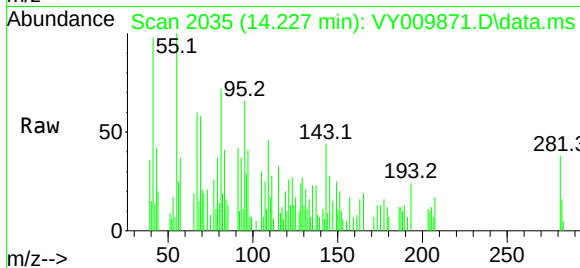




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.019 ug/l
RT: 14.227 min Scan# 2056
Delta R.T. -0.128 min
Lab File: VY009871.D
Acq: 05 Aug 2022 23:17

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-080422

Tgt Ion: 75 Resp: 97
Ion Ratio Lower Upper
75 100
155 41.2 41.8 125.3#
157 263.9 53.6 160.8#



#95
Naphthalene
Concen: 5.740 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY009871.D
Acq: 05 Aug 2022 23:17

Tgt Ion: 128 Resp: 553
Ion Ratio Lower Upper
128 100
127 15.9 10.5 15.7#
129 17.9 8.7 13.1#

