

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008749.D
 Acq On : 13 May 2022 15:14
 Operator : KP/MD
 Sample : N2781-14
 Misc : 6.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P011-SS003-2430-01

Quant Time: May 16 05:52:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 02:08:33 2022
 Response via : Initial Calibration

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

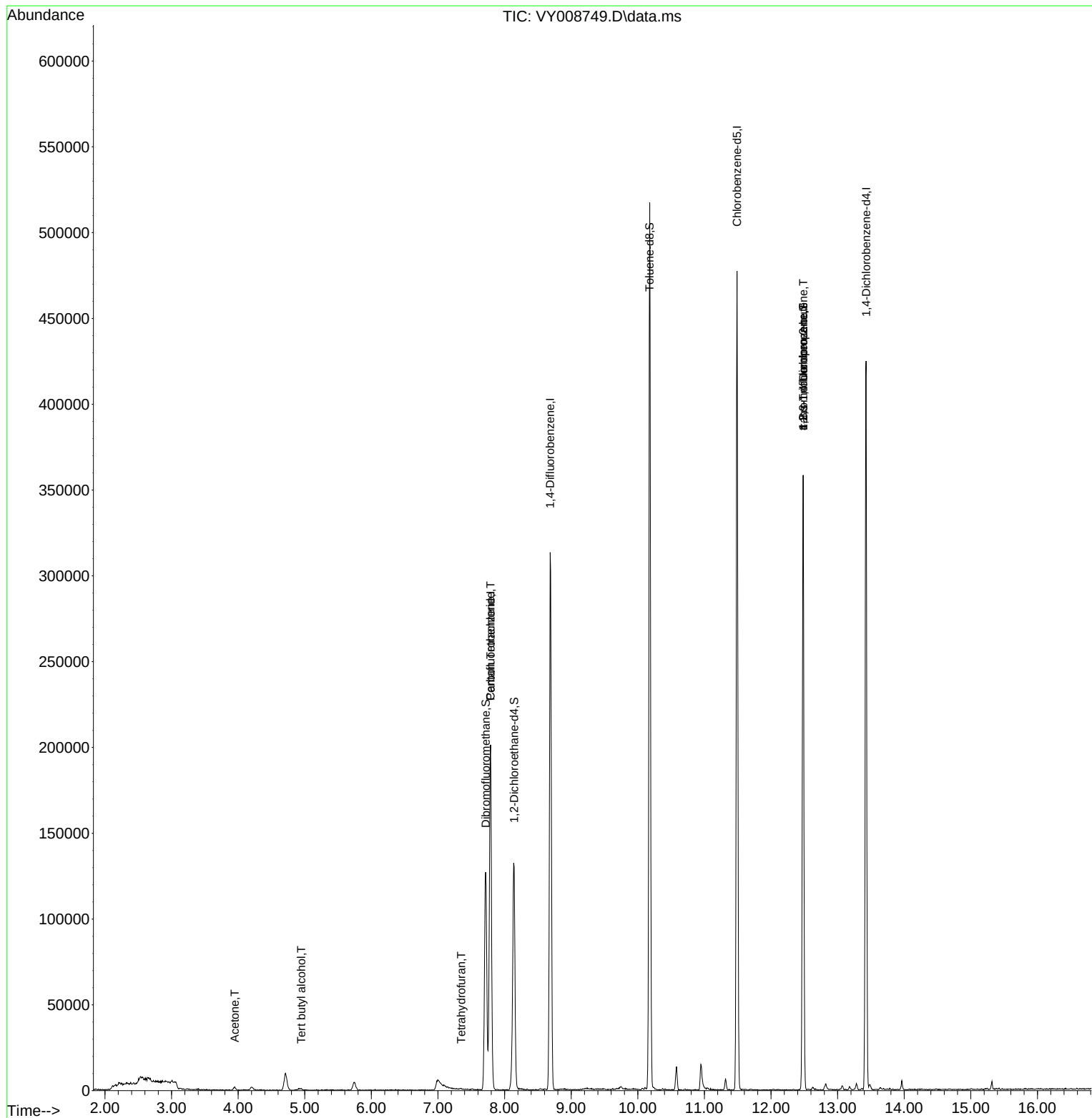
Internal Standards						
1) Pentafluorobenzene	7.789	168	153146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	272570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	251355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	98140	64.347	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.700%			
35) Dibromofluoromethane	7.716	113	88529	54.115	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.240%			
50) Toluene-d8	10.179	98	332459	53.887	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.780%			
62) 4-Bromofluorobenzene	12.483	95	97831	45.768	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	130	Below Cal		98
3) Chloromethane	2.113	50	658	Below Cal	#	81
4) Vinyl Chloride	2.259	62	100	Below Cal	#	41
5) Bromomethane	2.662	94	1311	Below Cal	#	68
6) Chloroethane	2.778	64	31	Below Cal	#	42
11) Tert butyl alcohol	4.948	59	508	1.430	ug/l #	76
16) Acetone	3.948	43	2856	5.321	ug/l	97
18) Methyl Acetate	4.479	43	27	Below Cal	#	49
20) Methylene Chloride	4.710	84	7521	Below Cal		92
29) Tetrahydrofuran	7.350	42	390	1.118	ug/l #	28
31) Cyclohexane	7.789	56	3898	Below Cal	#	36
38) Carbon Tetrachloride	7.789	117	15104	5.472	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	55192	51.629	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	55192	99.742	ug/l #	16

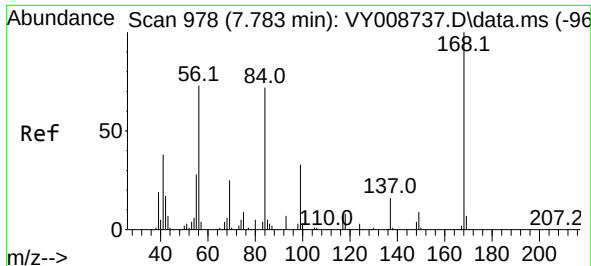
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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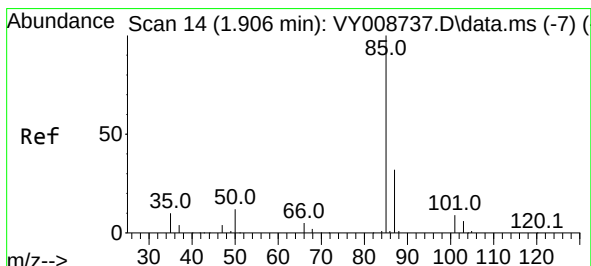
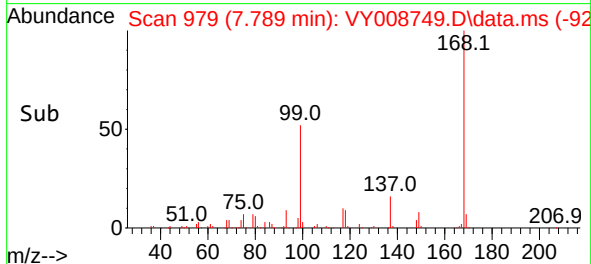
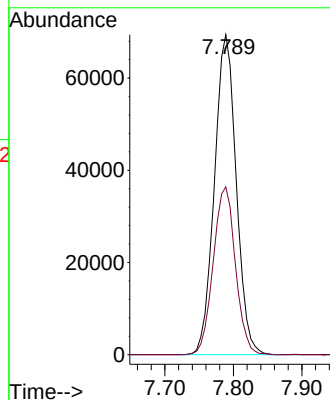
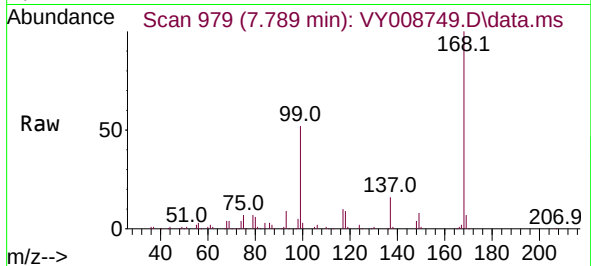




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008749.D
Acq: 13 May 2022 15:14

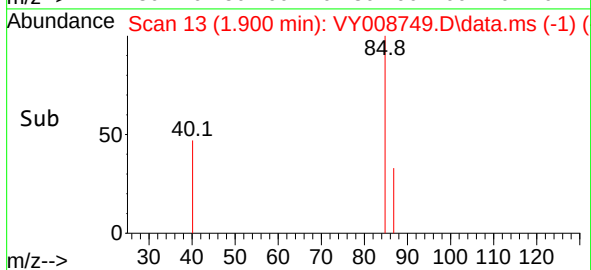
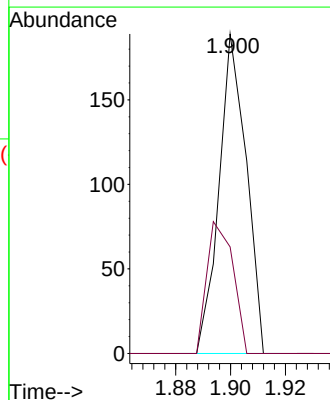
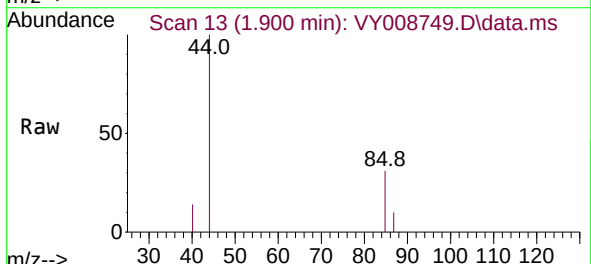
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-2430-01

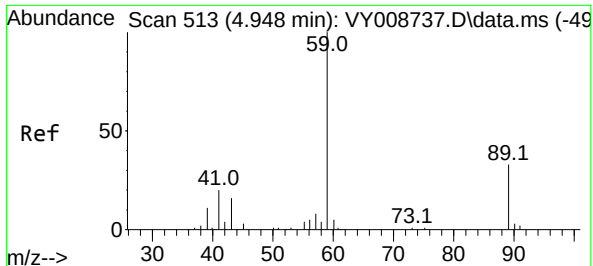
Tgt Ion:168 Resp: 153146
Ion Ratio Lower Upper
168 100
99 52.5 42.3 63.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY008749.D
Acq: 13 May 2022 15:14

Tgt Ion: 85 Resp: 130
Ion Ratio Lower Upper
85 100
87 33.3 16.2 48.6





#11

Tert butyl alcohol

Concen: 1.430 ug/l

RT: 4.948 min Scan# 513

Delta R.T. 0.000 min

Lab File: VY008749.D

Acq: 13 May 2022 15:14

Instrument :

MSVOA_Y

ClientSampleId :

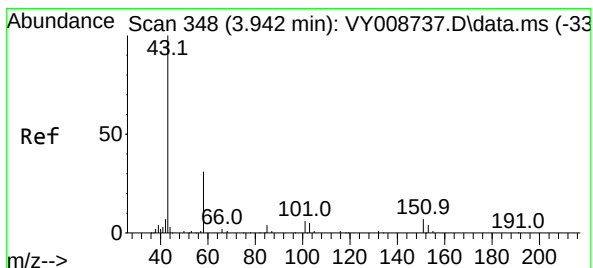
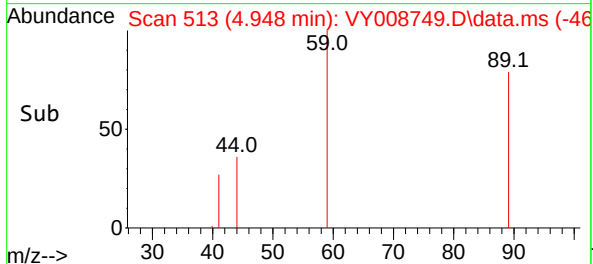
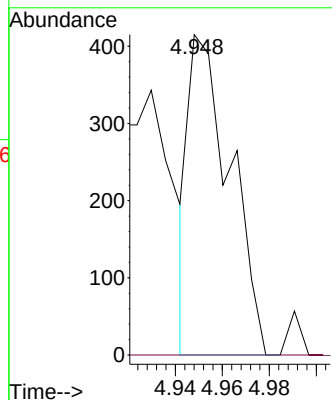
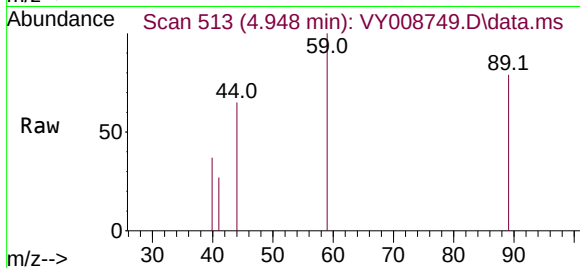
P011-SS003-2430-01

Tgt Ion: 59 Resp: 508

Ion Ratio Lower Upper

59 100

57 0.0 6.7 10.1#



#16

Acetone

Concen: 5.321 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY008749.D

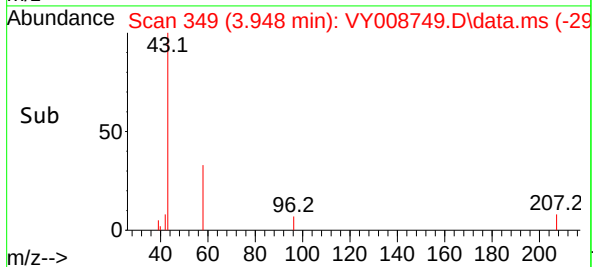
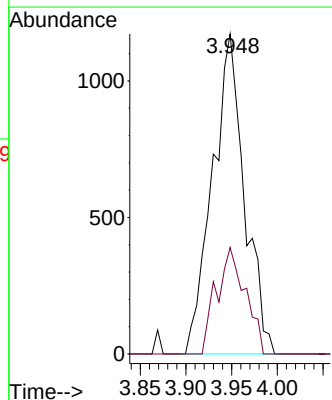
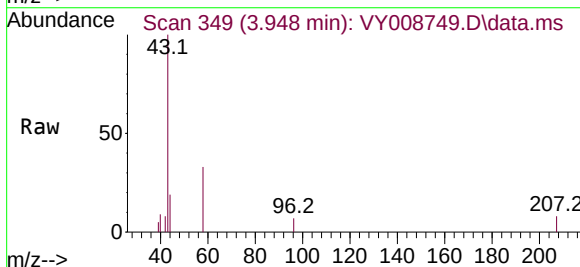
Acq: 13 May 2022 15:14

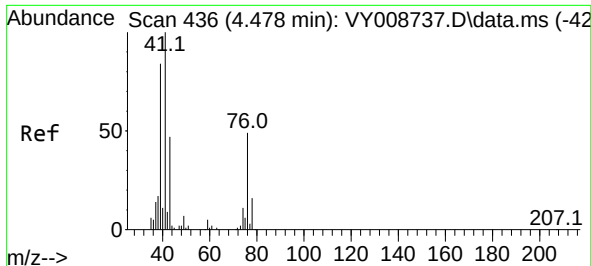
Tgt Ion: 43 Resp: 2856

Ion Ratio Lower Upper

43 100

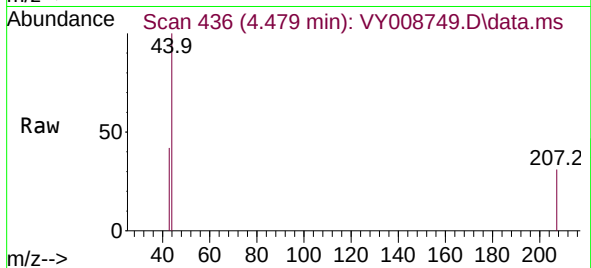
58 33.3 25.1 37.7



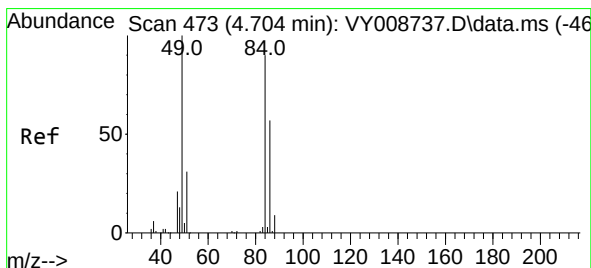
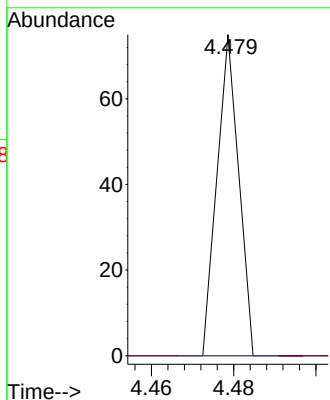
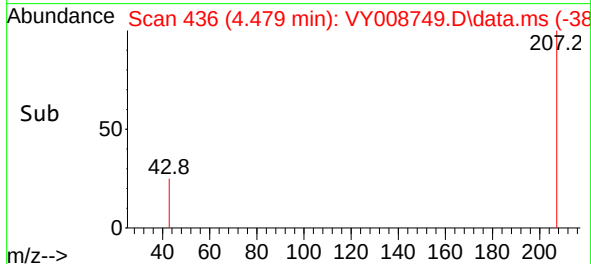


#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. 0.001 min
Lab File: VY008749.D
Acq: 13 May 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-2430-01

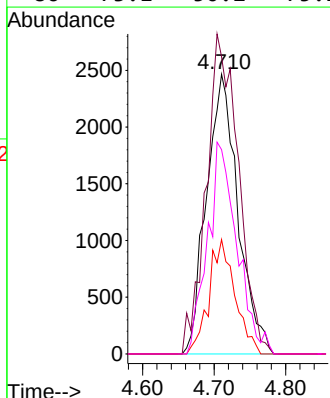
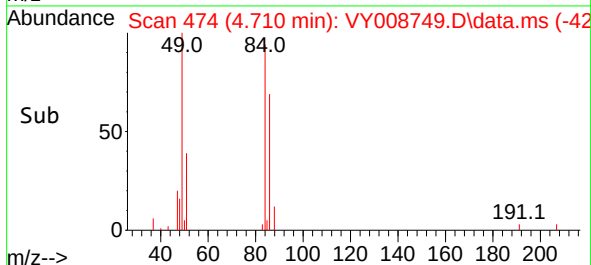
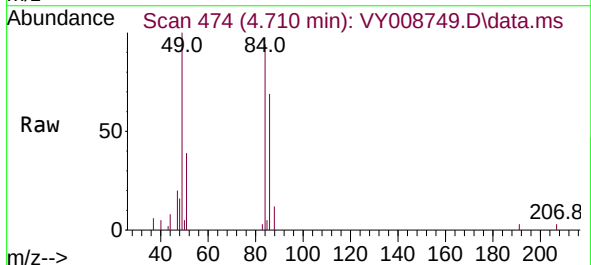


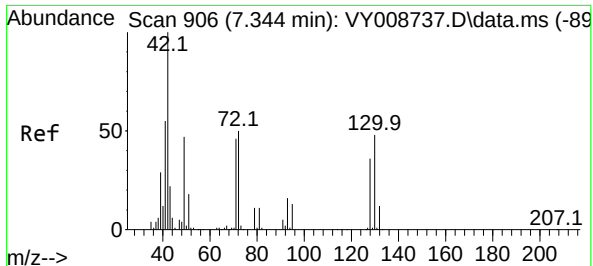
Tgt Ion: 43 Resp: 27
Ion Ratio Lower Upper
43 100
74 0.0 20.6 31.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY008749.D
Acq: 13 May 2022 15:14

Tgt Ion: 84 Resp: 7521
Ion Ratio Lower Upper
84 100
49 106.2 88.6 133.0
51 40.9 27.4 41.0
86 73.1 50.2 75.2





#29

Tetrahydrofuran

Concen: 1.118 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY008749.D

Acq: 13 May 2022 15:14

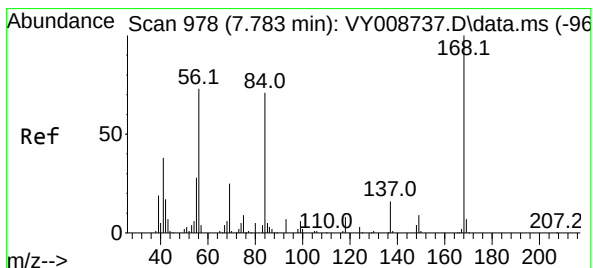
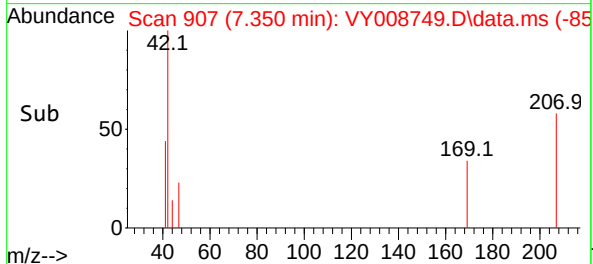
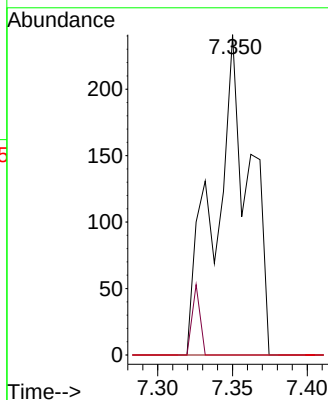
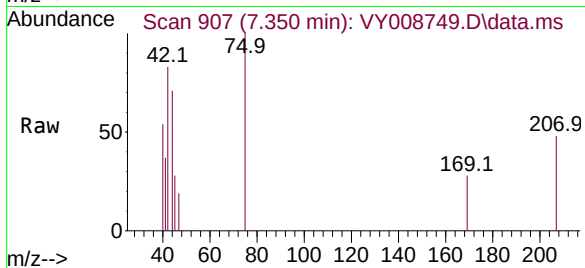
Instrument :

MSVOA_Y

ClientSampleId :

P011-SS003-2430-01

Tgt Ion:	42	Resp:	390
Ion Ratio	Lower	Upper	
42	100		
72	0.0	40.7	61.1#
71	0.0	37.4	56.0#



#31

Cyclohexane

Concen: Below Cal

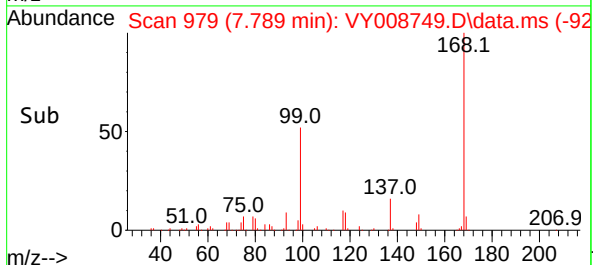
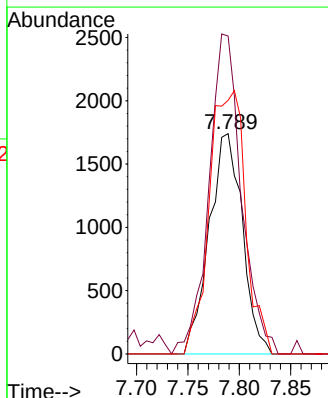
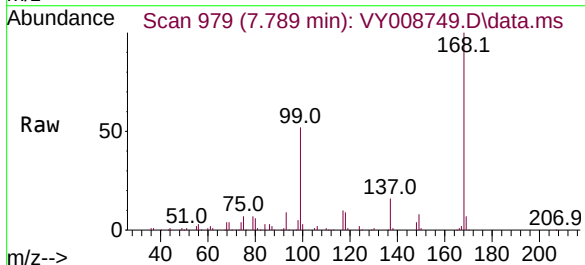
RT: 7.789 min Scan# 979

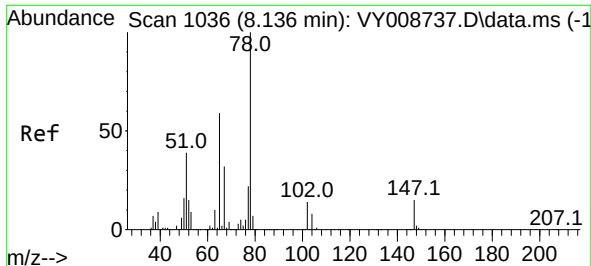
Delta R.T. 0.006 min

Lab File: VY008749.D

Acq: 13 May 2022 15:14

Tgt Ion:	56	Resp:	3898
Ion Ratio	Lower	Upper	
56	100		
69	144.4	27.4	41.0#
84	115.1	77.5	116.3

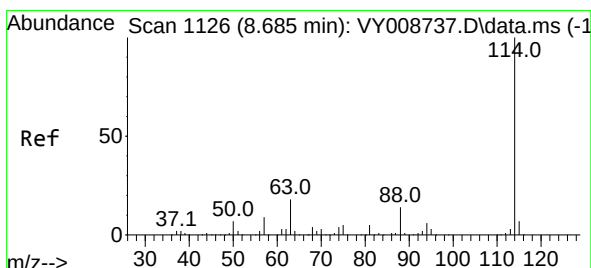
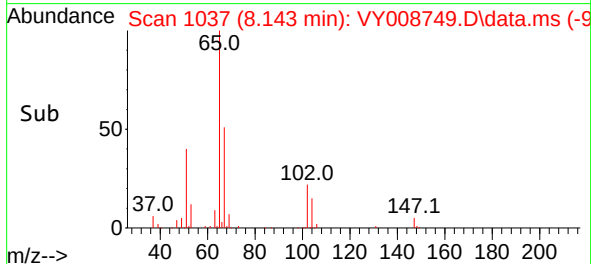
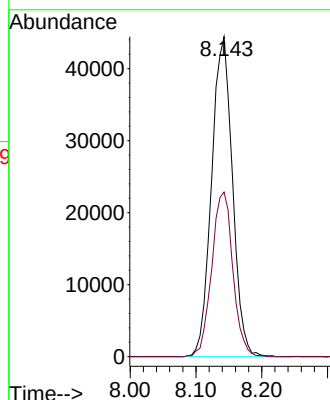
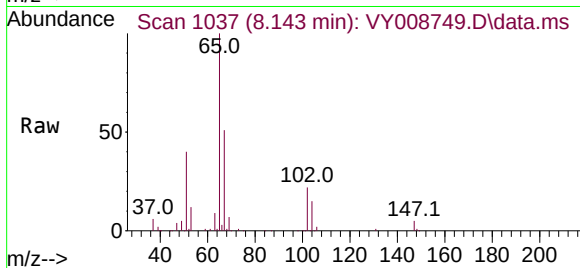




#33
 1,2-Dichloroethane-d4
 Concen: 64.347 ug/l
 RT: 8.143 min Scan# 1036
 Delta R.T. 0.006 min
 Lab File: VY008749.D
 Acq: 13 May 2022 15:14

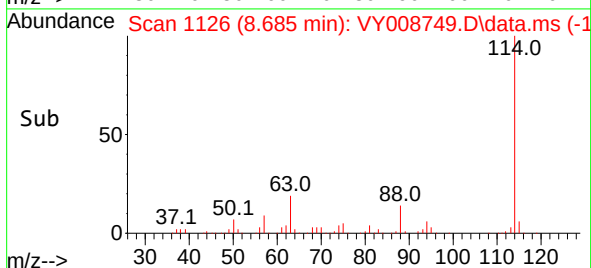
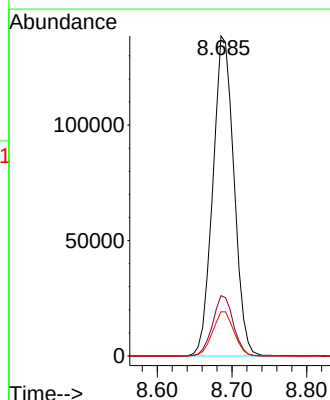
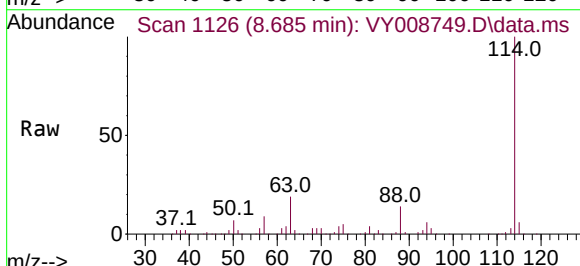
Instrument :
 MSVOA_Y
 ClientSampleId :
 P011-SS003-2430-01

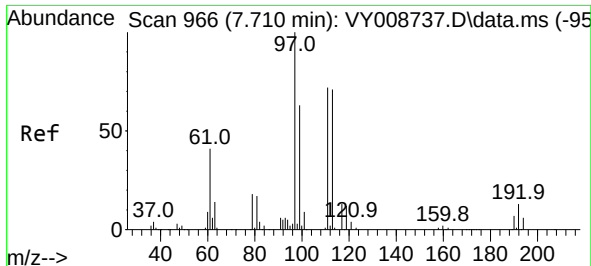
Tgt Ion: 65 Resp: 98140
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY008749.D
 Acq: 13 May 2022 15:14

Tgt Ion: 114 Resp: 272570
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 36.4
 88 13.8 0.0 27.4

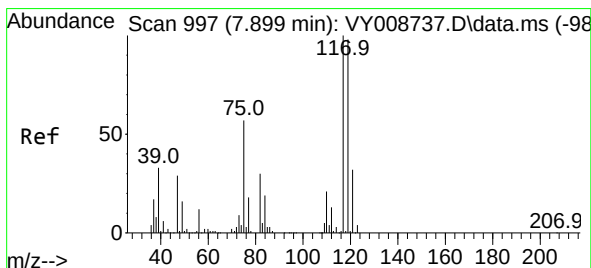
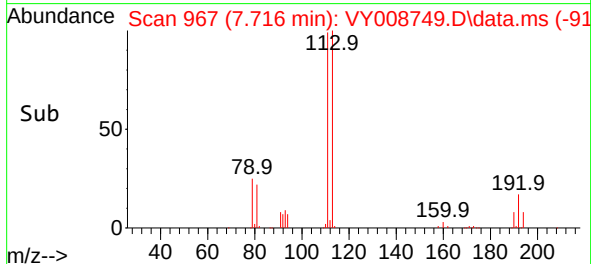
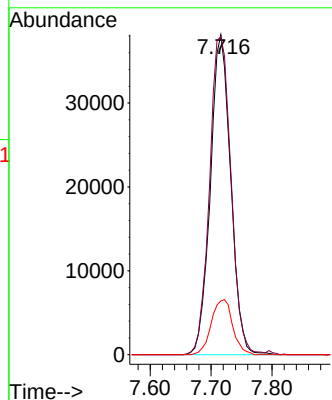
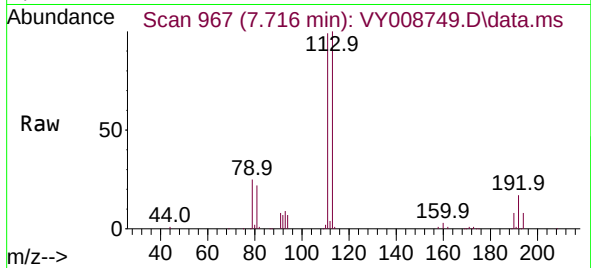




#35
Dibromofluoromethane
Concen: 54.115 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY008749.D
Acq: 13 May 2022 15:14

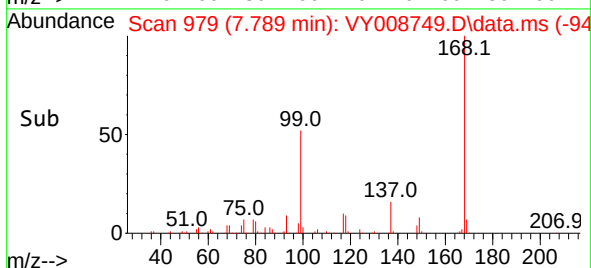
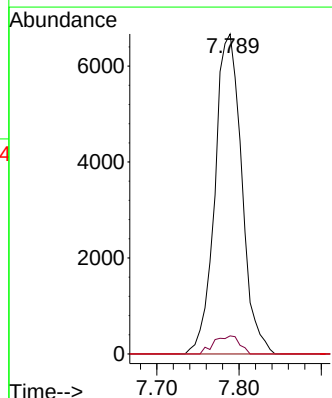
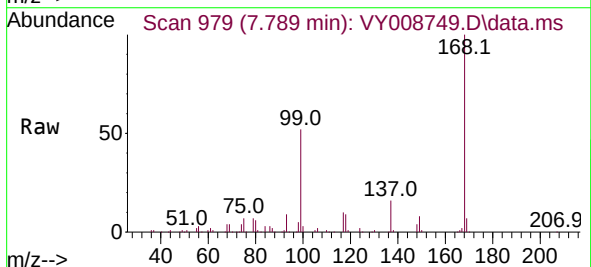
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P011-SS003-2430-01

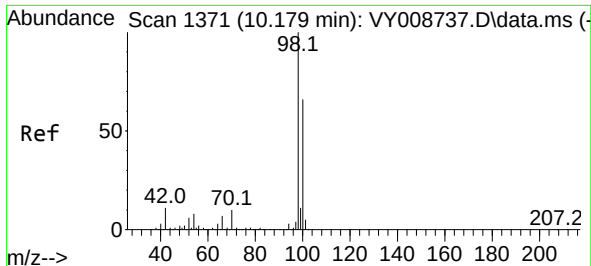
Tgt Ion:113 Resp: 88529
Ion Ratio Lower Upper
113 100
111 104.9 81.8 122.6
192 18.1 14.5 21.7



#38
Carbon Tetrachloride
Concen: 5.472 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008749.D
Acq: 13 May 2022 15:14

Tgt Ion:117 Resp: 15104
Ion Ratio Lower Upper
117 100
119 5.6 78.5 117.7#
121 0.0 25.8 38.8#

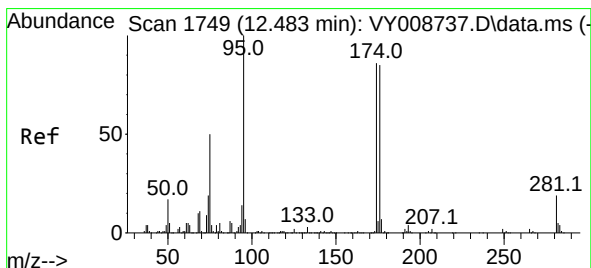
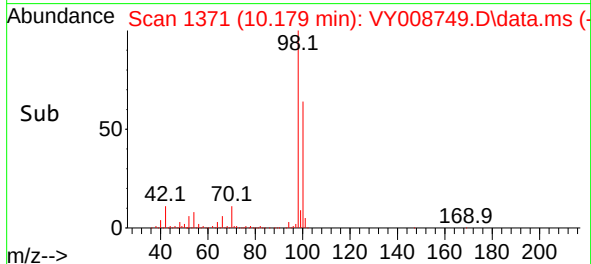
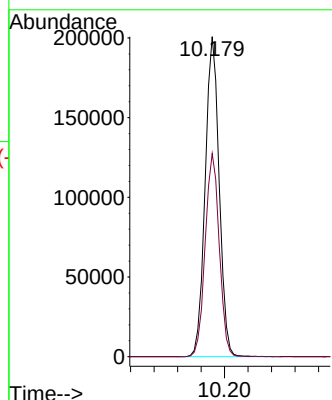
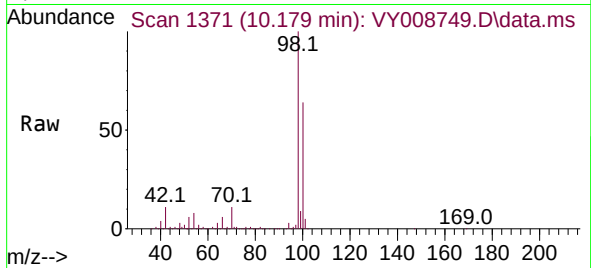




#50
Toluene-d8
Concen: 53.887 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008749.D
Acq: 13 May 2022 15:14

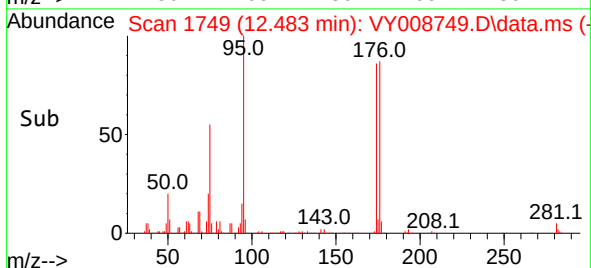
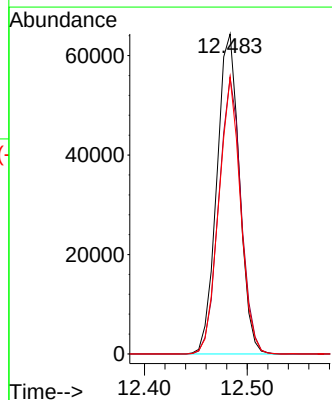
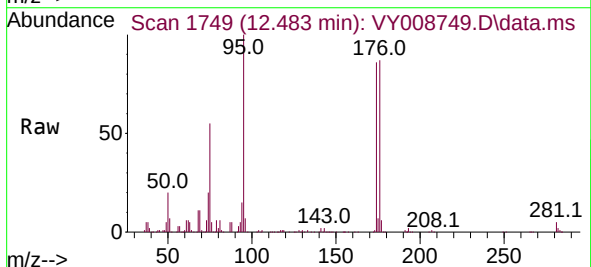
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-2430-01

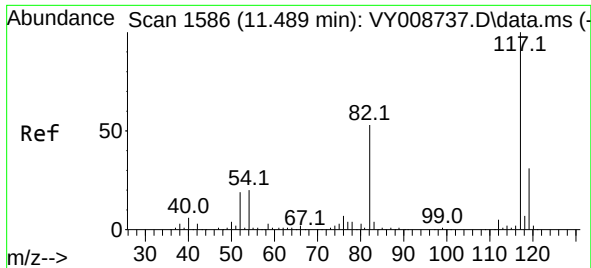
Tgt Ion: 98 Resp: 332459
Ion Ratio Lower Upper
98 100
100 63.9 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.768 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008749.D
Acq: 13 May 2022 15:14

Tgt Ion: 95 Resp: 97831
Ion Ratio Lower Upper
95 100
174 85.7 0.0 171.2
176 83.3 0.0 168.8

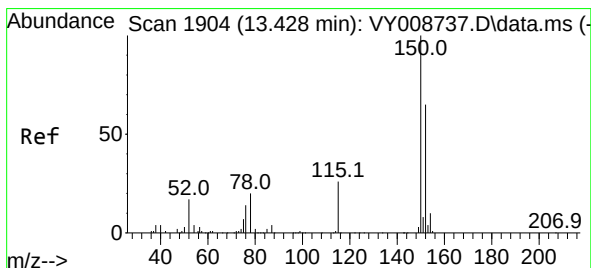
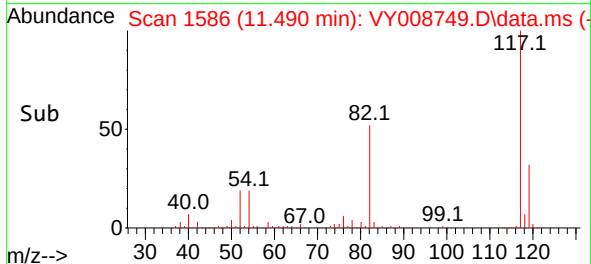
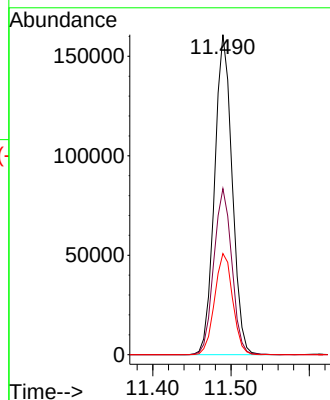
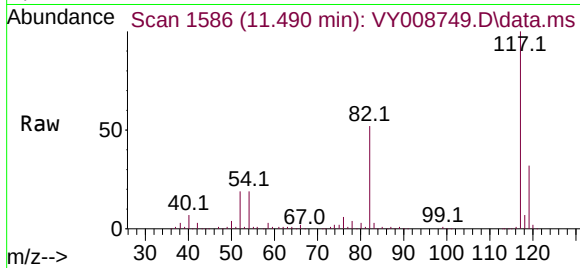




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008749.D
Acq: 13 May 2022 15:14

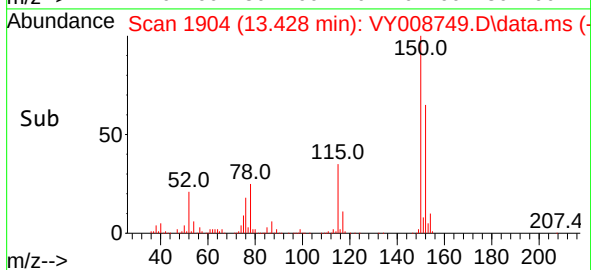
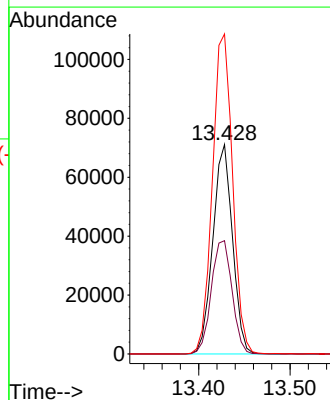
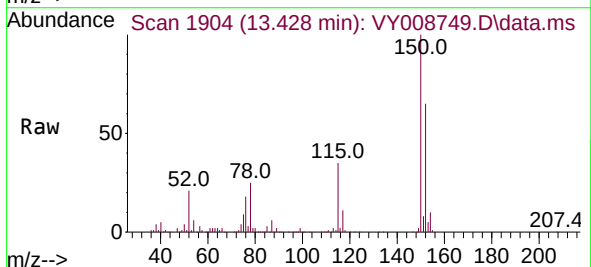
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-2430-01

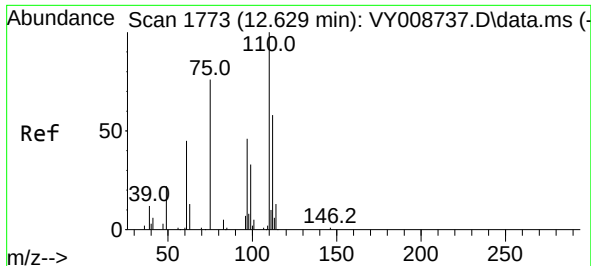
Tgt Ion:117 Resp: 251355
Ion Ratio Lower Upper
117 100
82 51.9 42.3 63.5
119 31.6 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008749.D
Acq: 13 May 2022 15:14

Tgt Ion:152 Resp: 106234
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 156.4 0.0 348.2

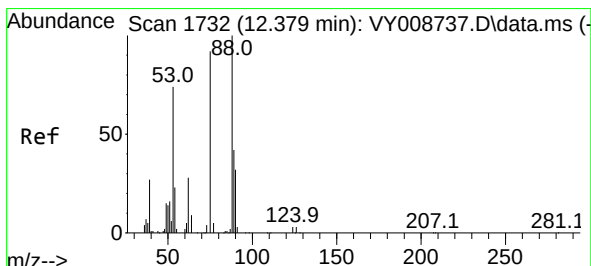
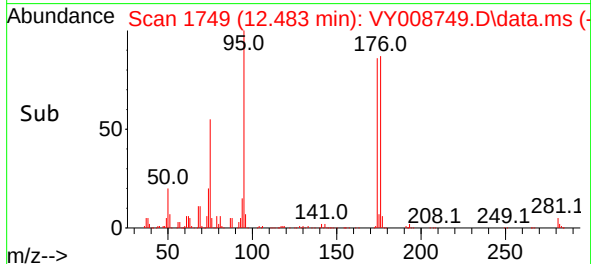
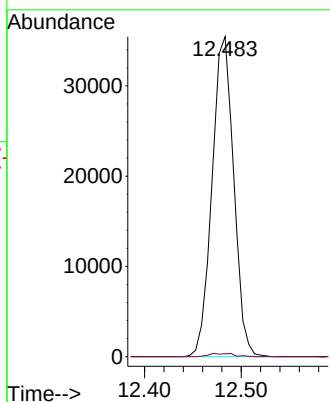
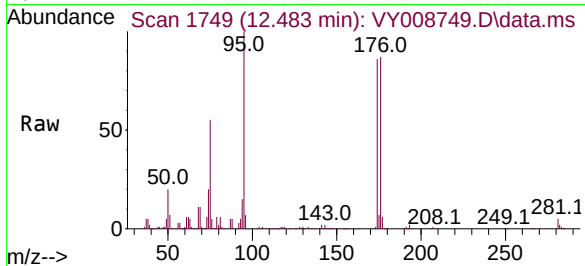




#76
1,2,3-Trichloropropane
Concen: 51.629 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008749.D
Acq: 13 May 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
P011-SS003-2430-01

Tgt Ion: 75 Resp: 55192
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.742 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008749.D
Acq: 13 May 2022 15:14

Tgt Ion: 75 Resp: 55192
Ion Ratio Lower Upper
75 100
53 0.1 66.3 99.5#
89 0.0 36.8 55.2#

