

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008751.D
 Acq On : 13 May 2022 16:01
 Operator : KP/MD
 Sample : N2781-16
 Misc : 6.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P011-SS005-0006-01

Quant Time: May 16 05:52:52 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)

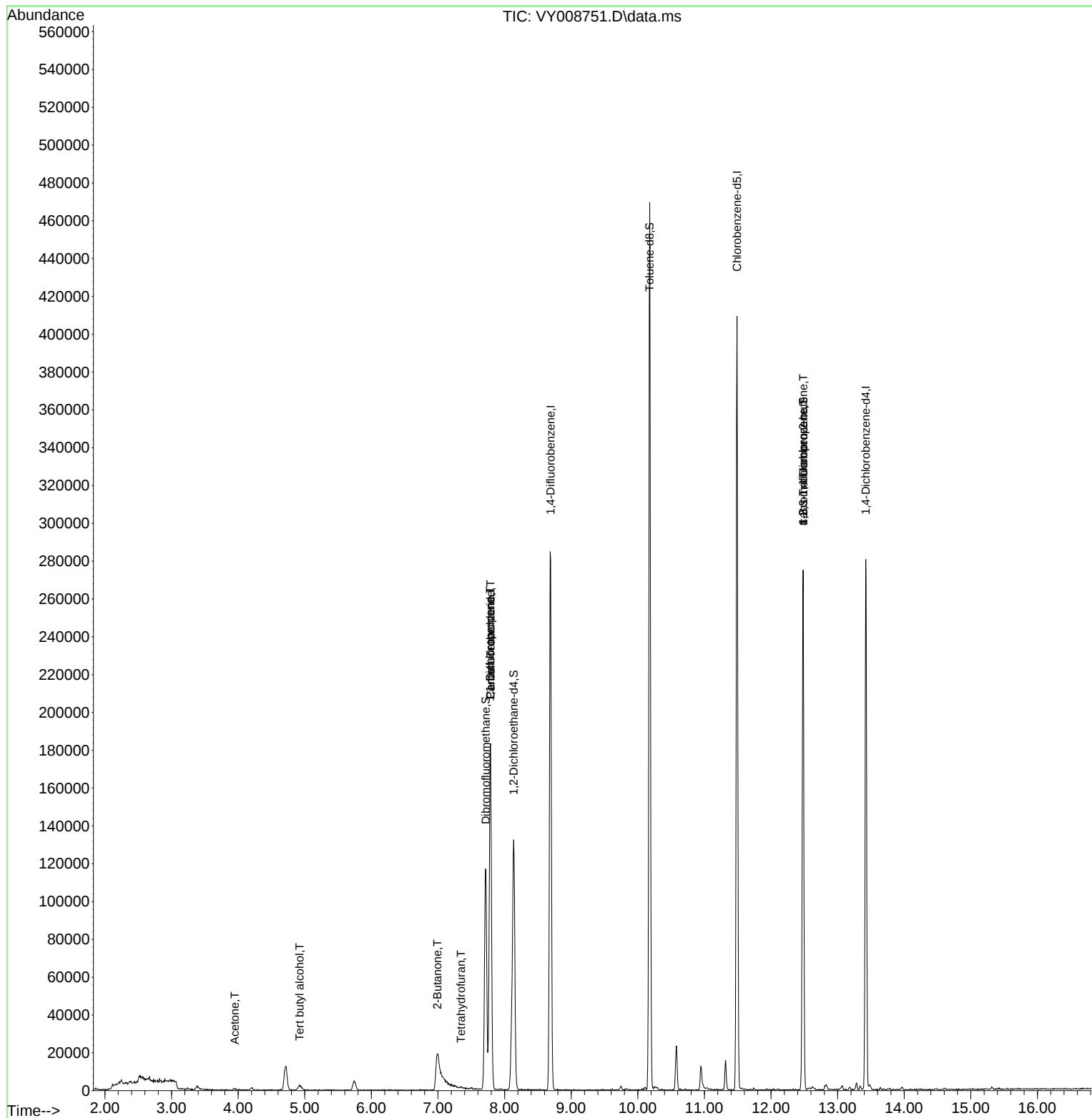
Internal Standards						
1) Pentafluorobenzene	7.789	168	144040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	248260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	215471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	71307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85846	59.844	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.680%
35) Dibromofluoromethane	7.716	113	80190	53.818	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.640%
50) Toluene-d8	10.179	98	292987	52.140	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.280%
62) 4-Bromofluorobenzene	12.483	95	74243	38.134	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	69	Below Cal	#	42
3) Chloromethane	2.113	50	492	Below Cal	#	34
4) Vinyl Chloride	2.272	62	34	Below Cal	#	41
5) Bromomethane	2.662	94	1016	Below Cal		89
6) Chloroethane	2.845	64	112	Below Cal	#	42
11) Tert butyl alcohol	4.923	59	1914	5.729	ug/l #	76
16) Acetone	3.948	43	1456	1.628	ug/l	91
18) Methyl Acetate	4.466	43	129	Below Cal	#	49
20) Methylene Chloride	4.710	84	10028	Below Cal		92
25) 2-Butanone	6.990	43	1230	2.417	ug/l #	43
29) Tetrahydrofuran	7.344	42	378	1.152	ug/l #	58
31) Cyclohexane	7.789	56	3354	Below Cal	#	21
36) 1,1-Dichloropropene	7.783	75	12126	5.090	ug/l #	50
38) Carbon Tetrachloride	7.789	117	14362	5.713	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	44146	61.524	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44146	118.857	ug/l #	16

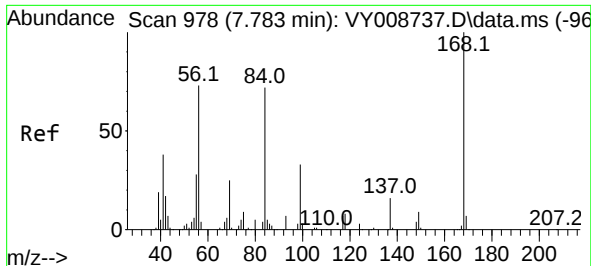
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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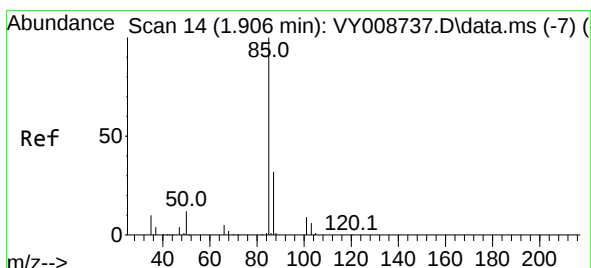
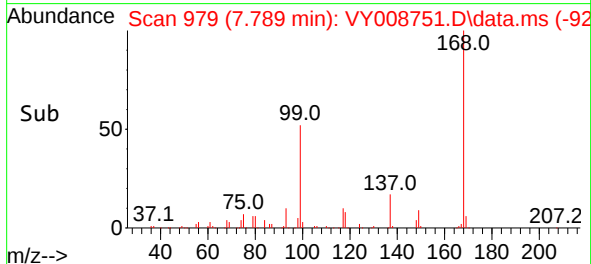
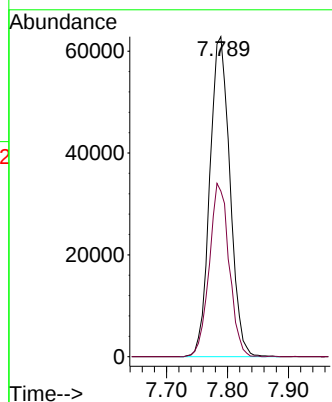
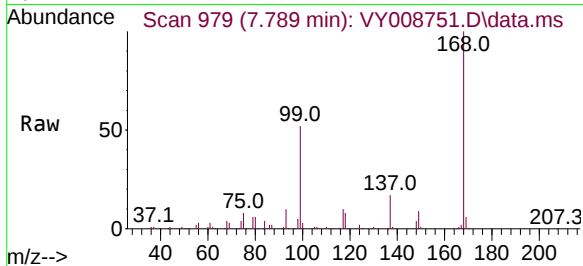




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008751.D
Acq: 13 May 2022 16:01

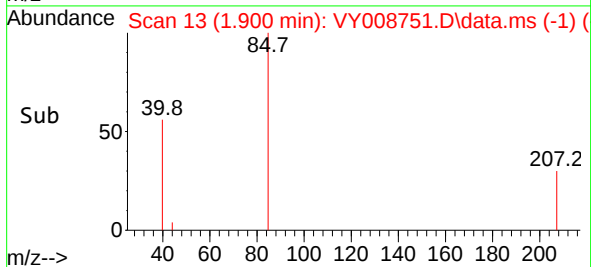
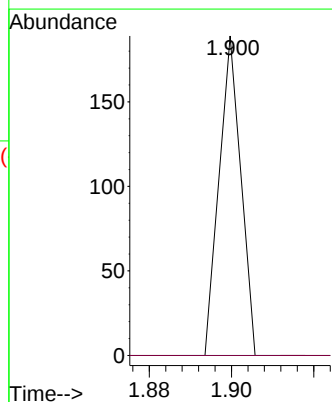
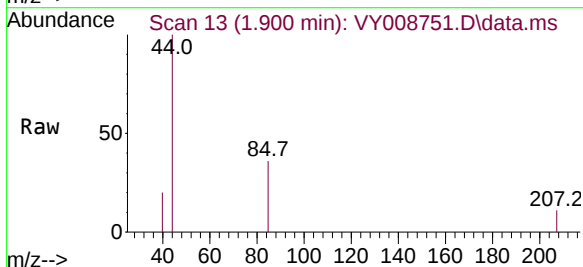
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS005-0006-01

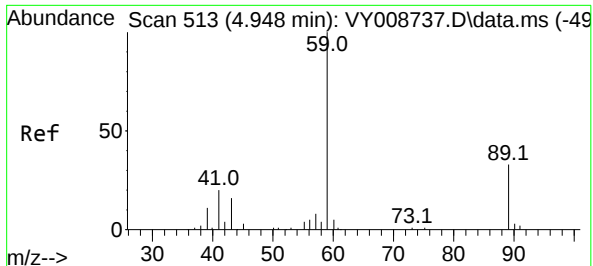
Tgt Ion:168 Resp: 144040
Ion Ratio Lower Upper
168 100
99 51.8 42.3 63.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY008751.D
Acq: 13 May 2022 16:01

Tgt Ion: 85 Resp: 69
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#





#11

Tert butyl alcohol

Concen: 5.729 ug/l

RT: 4.923 min Scan# 509

Delta R.T. -0.025 min

Lab File: VY008751.D

Acq: 13 May 2022 16:01

Instrument :

MSVOA_Y

ClientSampleId :

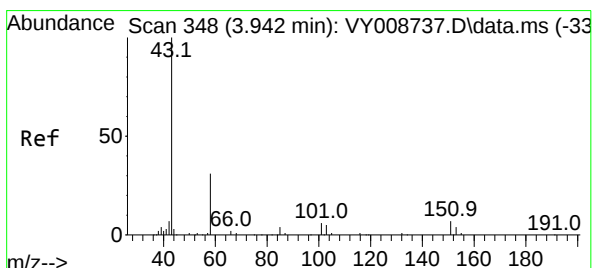
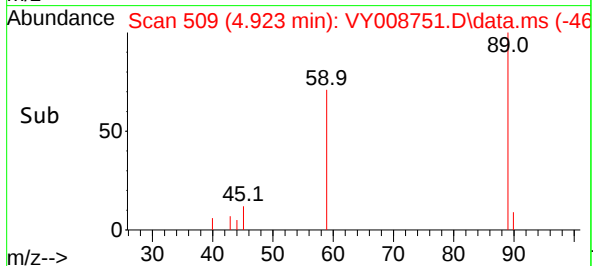
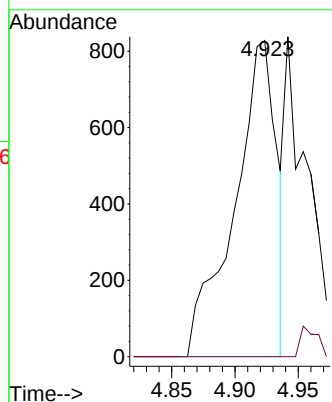
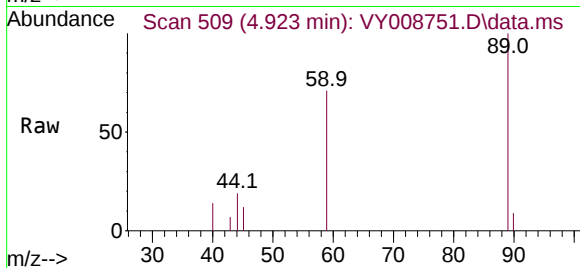
P011-SS005-0006-01

Tgt Ion: 59 Resp: 1914

Ion Ratio Lower Upper

59 100

57 0.0 6.7 10.1#



#16

Acetone

Concen: 1.628 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY008751.D

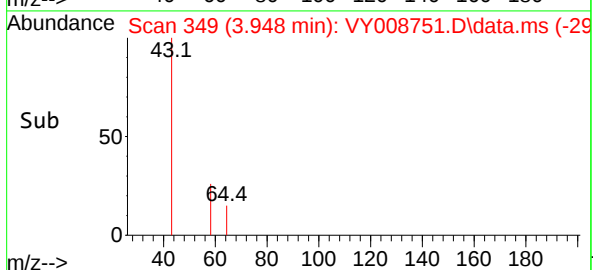
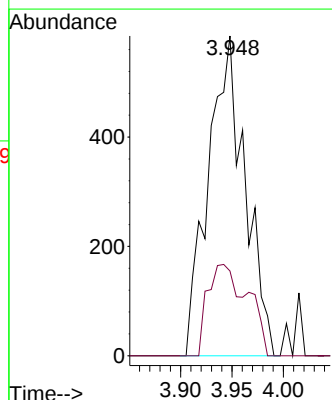
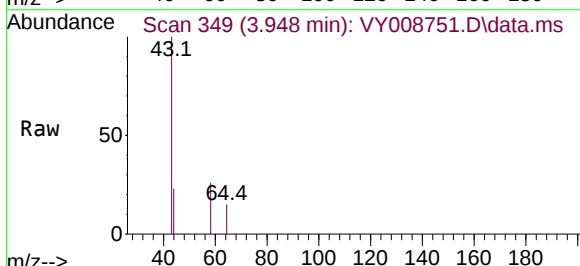
Acq: 13 May 2022 16:01

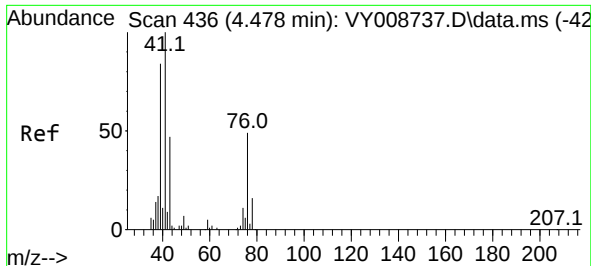
Tgt Ion: 43 Resp: 1456

Ion Ratio Lower Upper

43 100

58 26.5 25.1 37.7

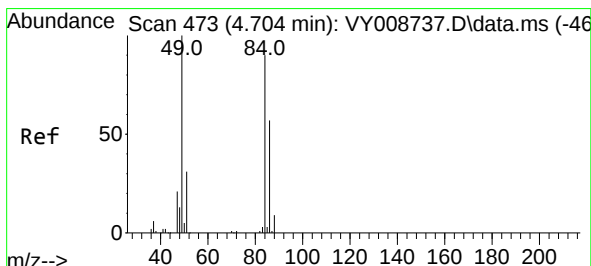
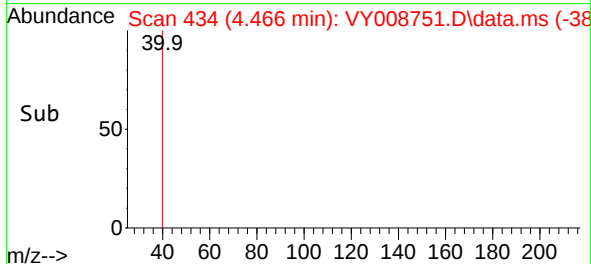
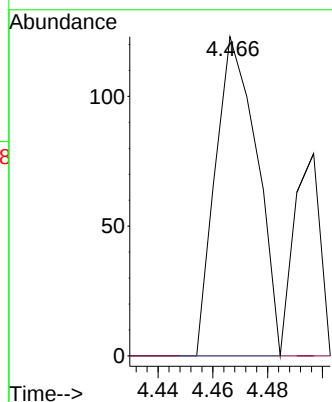
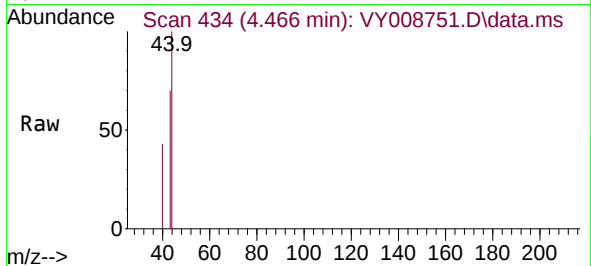




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY008751.D
Acq: 13 May 2022 16:01

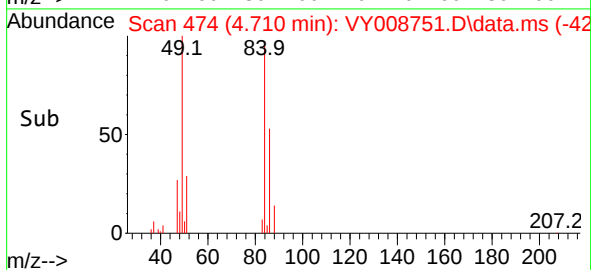
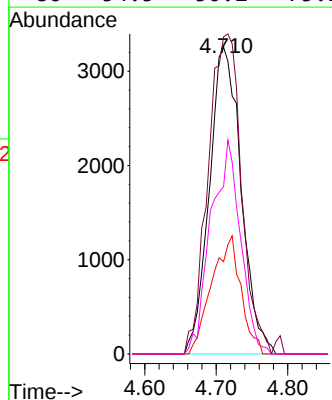
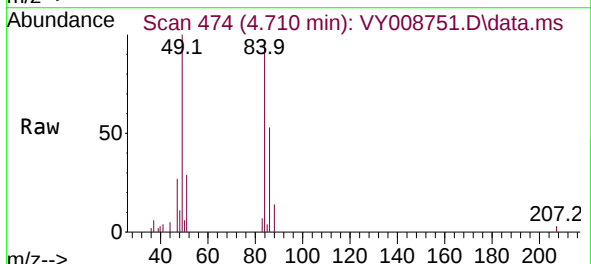
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS005-0006-01

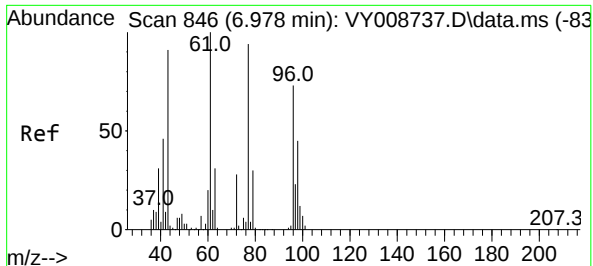
Tgt Ion: 43 Resp: 129
Ion Ratio Lower Upper
43 100
74 0.0 20.6 31.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY008751.D
Acq: 13 May 2022 16:01

Tgt Ion: 84 Resp: 10028
Ion Ratio Lower Upper
84 100
49 103.4 88.6 133.0
51 30.1 27.4 41.0
86 54.5 50.2 75.2

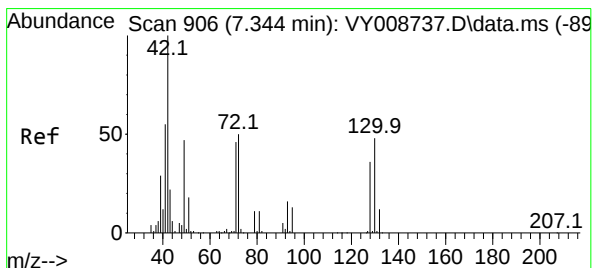
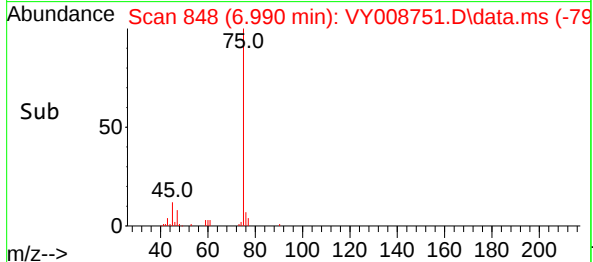
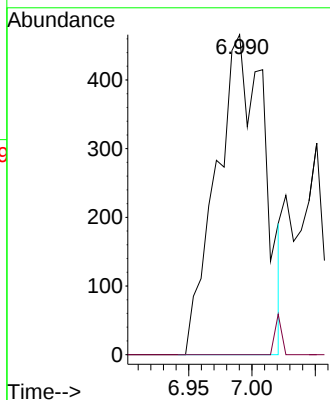
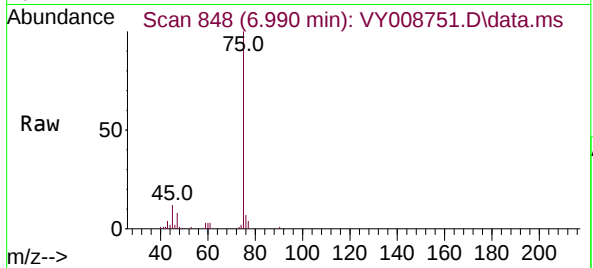




#25
2-Butanone
Concen: 2.417 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY008751.D
Acq: 13 May 2022 16:01

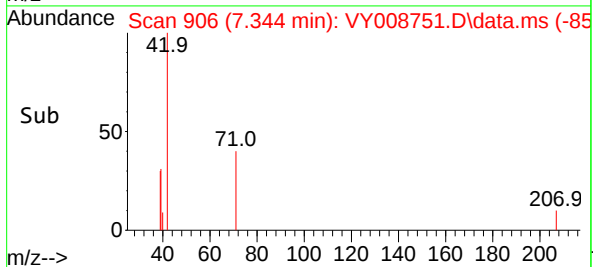
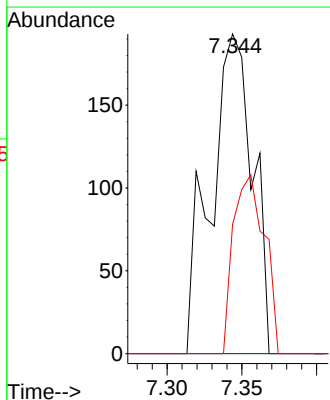
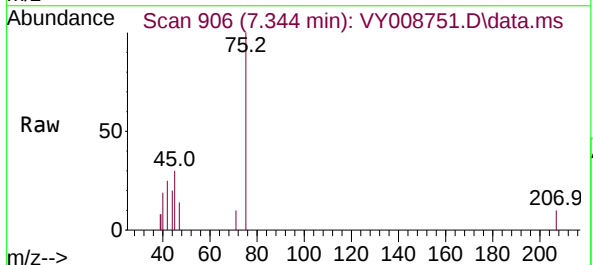
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS005-0006-01

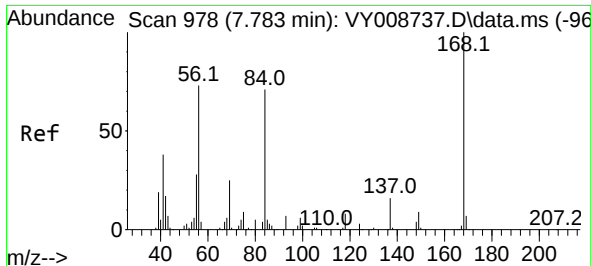
Tgt Ion: 43 Resp: 1230
Ion Ratio Lower Upper
43 100
72 0.0 25.0 37.4#



#29
Tetrahydrofuran
Concen: 1.152 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY008751.D
Acq: 13 May 2022 16:01

Tgt Ion: 42 Resp: 378
Ion Ratio Lower Upper
42 100
72 0.0 40.7 61.1#
71 41.5 37.4 56.0

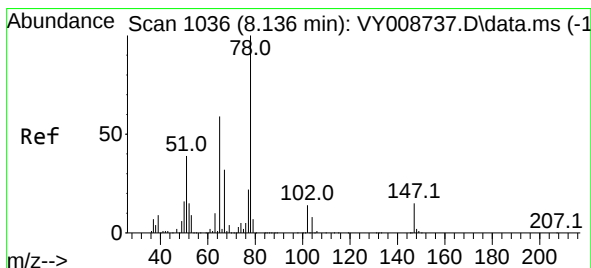
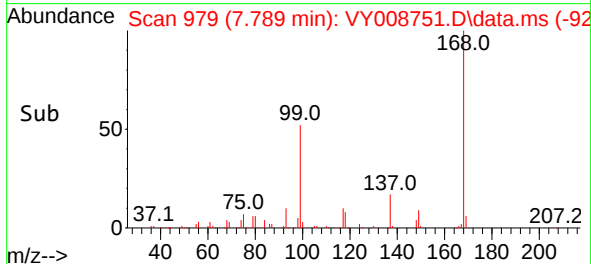
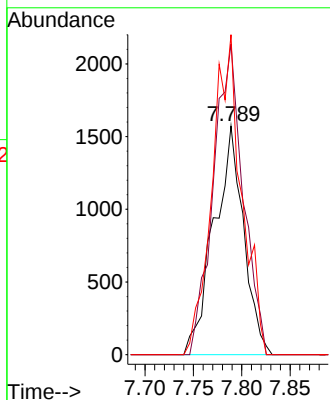
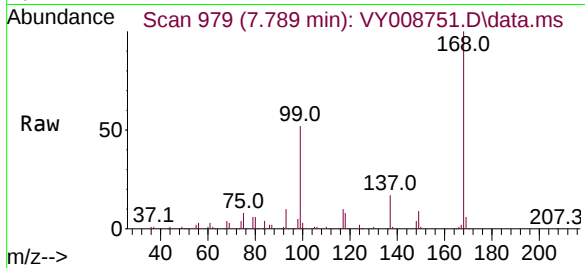




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008751.D
Acq: 13 May 2022 16:01

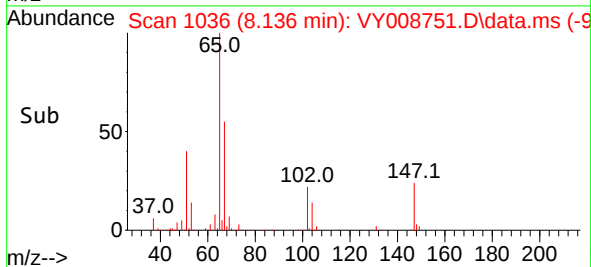
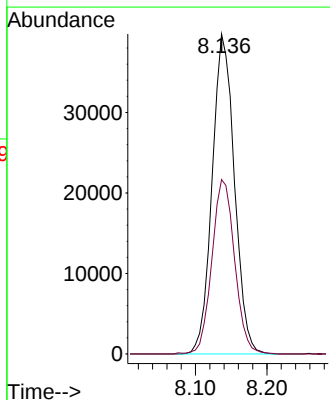
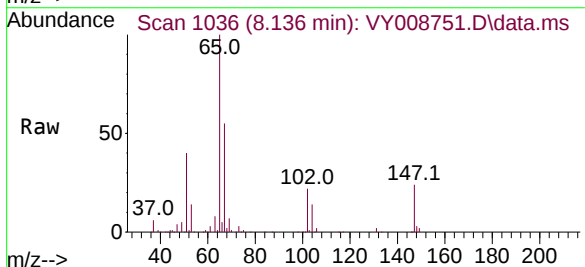
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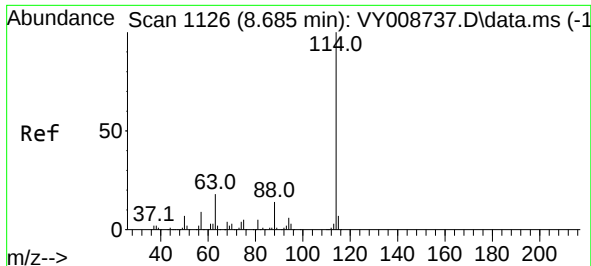
Tgt Ion: 56 Resp: 3354
Ion Ratio Lower Upper
56 100
69 135.8 27.4 41.0#
84 139.9 77.5 116.3#



#33
1,2-Dichloroethane-d4
Concen: 59.844 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008751.D
Acq: 13 May 2022 16:01

Tgt Ion: 65 Resp: 85846
Ion Ratio Lower Upper
65 100
67 55.8 0.0 110.0

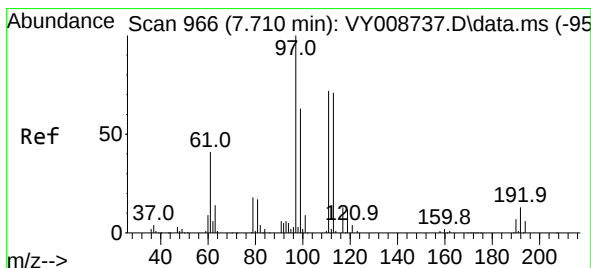
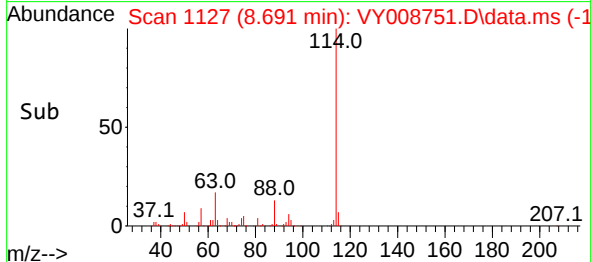
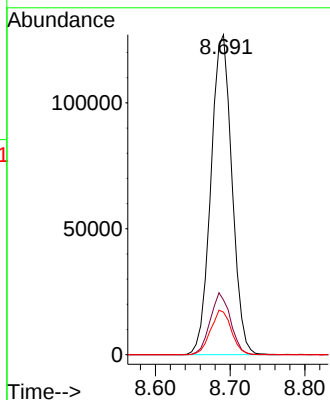
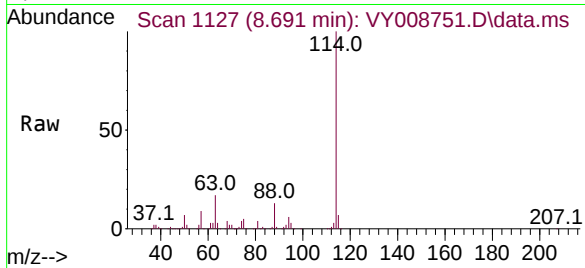




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY008751.D
Acq: 13 May 2022 16:01

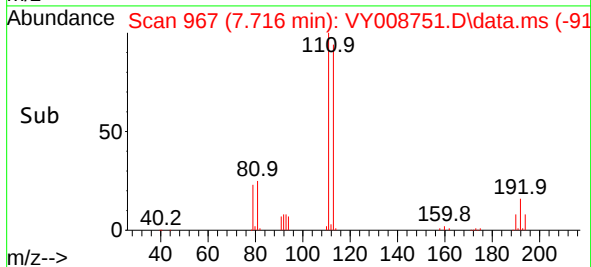
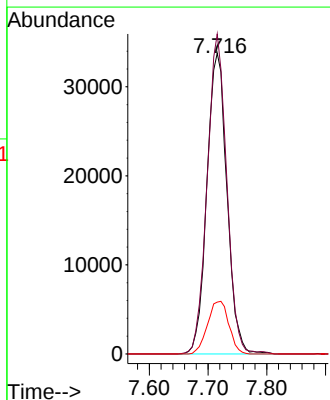
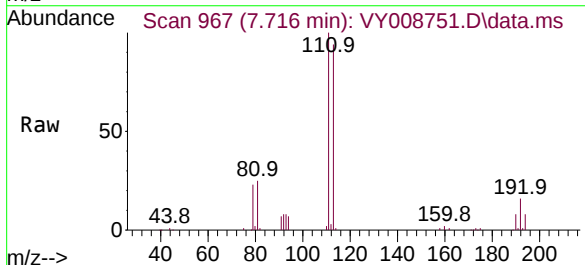
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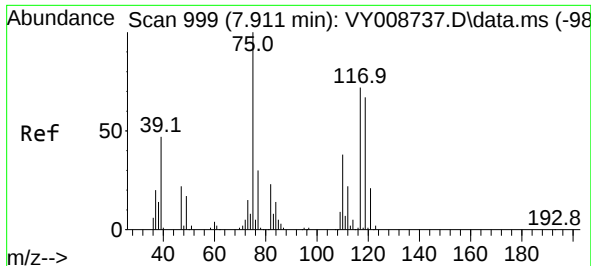
Tgt Ion:	114	Resp:	248260
Ion Ratio	Lower	Upper	
114	100		
63	17.1	0.0	36.4
88	13.3	0.0	27.4



#35
Dibromofluoromethane
Concen: 53.818 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY008751.D
Acq: 13 May 2022 16:01

Tgt Ion:	113	Resp:	80190
Ion Ratio	Lower	Upper	
113	100		
111	103.6	81.8	122.6
192	18.6	14.5	21.7

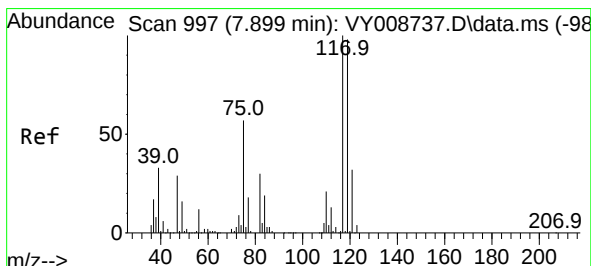
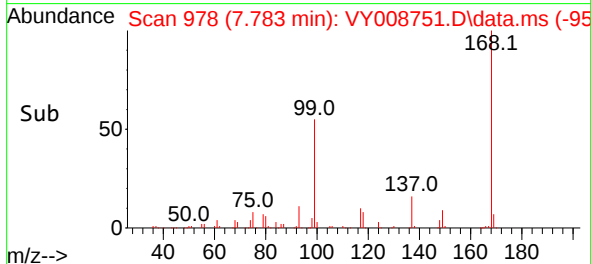
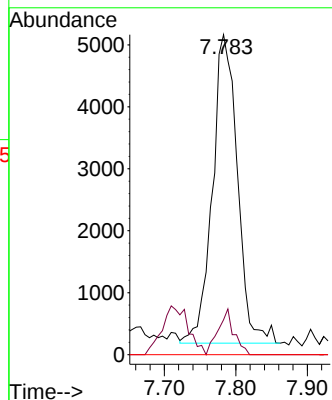
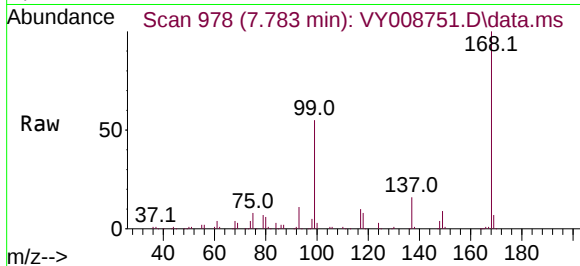




#36
1,1-Dichloropropene
Concen: 5.090 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.128 min
Lab File: VY008751.D
Acq: 13 May 2022 16:01

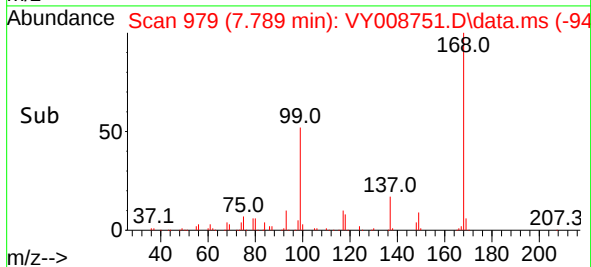
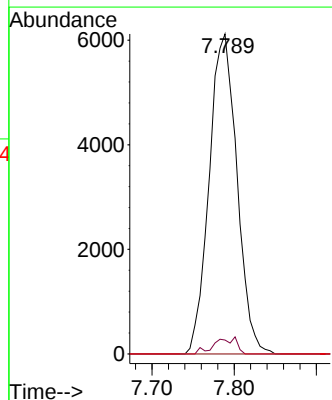
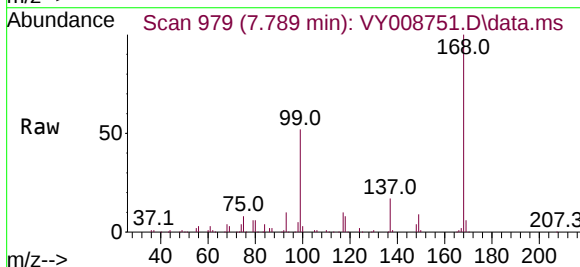
Instrument :
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ClientSampleId :
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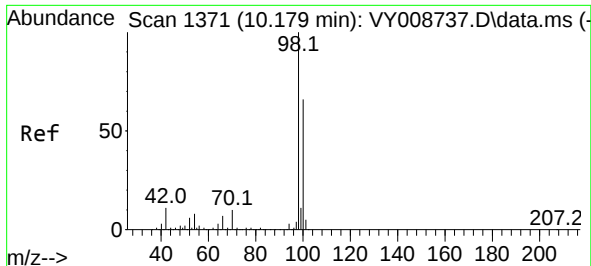
Tgt Ion: 75 Resp: 12126
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.713 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008751.D
Acq: 13 May 2022 16:01

Tgt Ion: 117 Resp: 14362
Ion Ratio Lower Upper
117 100
119 4.4 78.5 117.7#
121 0.0 25.8 38.8#

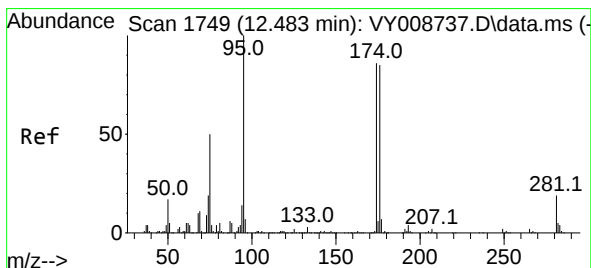
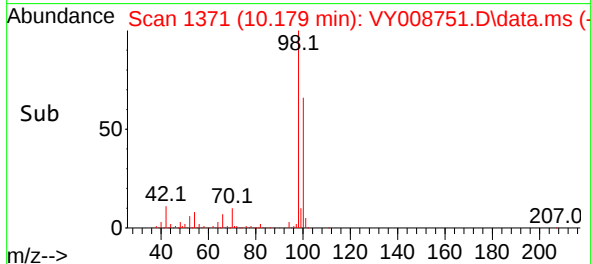
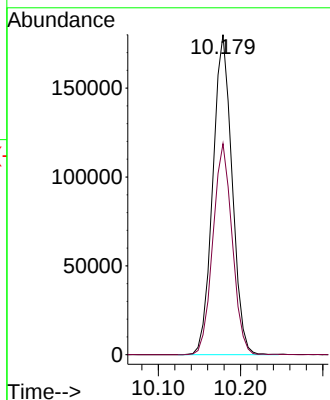
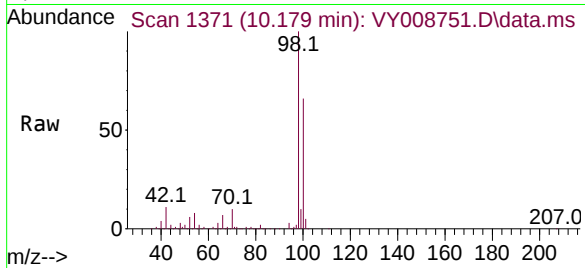




#50
Toluene-d8
Concen: 52.140 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008751.D
Acq: 13 May 2022 16:01

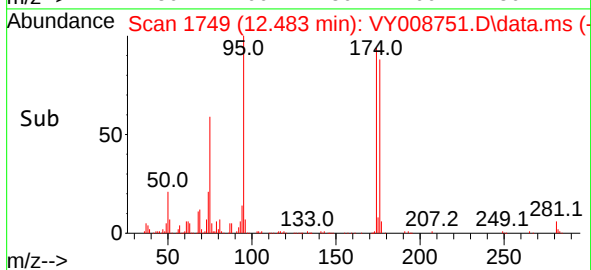
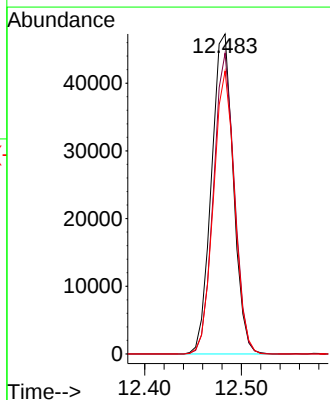
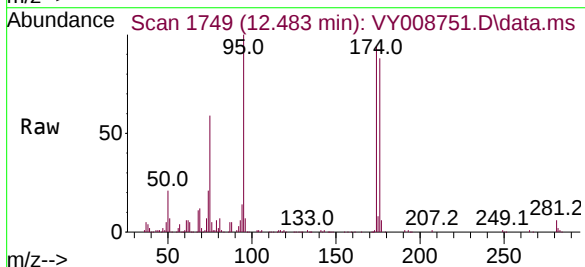
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS005-0006-01

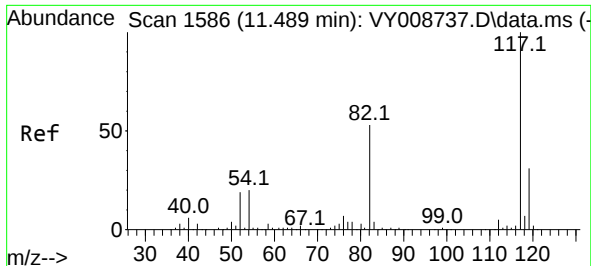
Tgt Ion: 98 Resp: 292987
Ion Ratio Lower Upper
98 100
100 66.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 38.134 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008751.D
Acq: 13 May 2022 16:01

Tgt Ion: 95 Resp: 74243
Ion Ratio Lower Upper
95 100
174 90.0 0.0 171.2
176 85.9 0.0 168.8

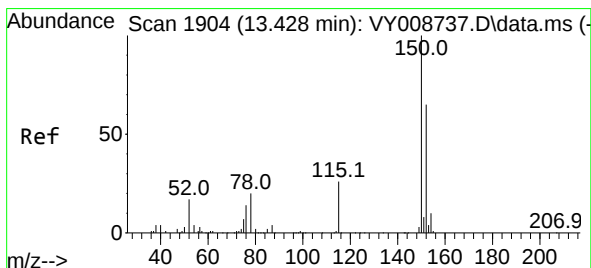
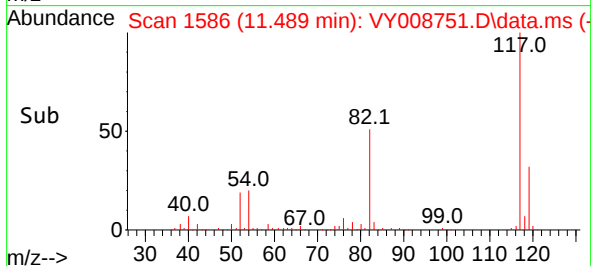
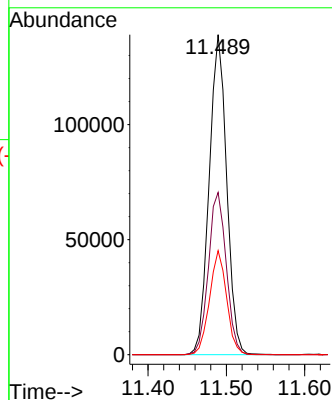
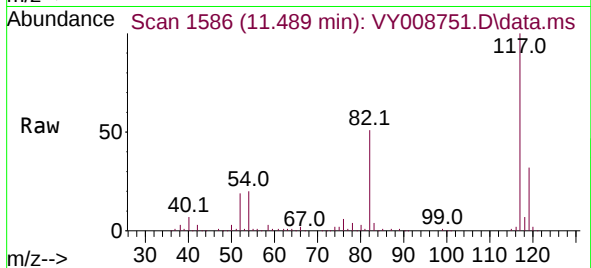




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008751.D
Acq: 13 May 2022 16:01

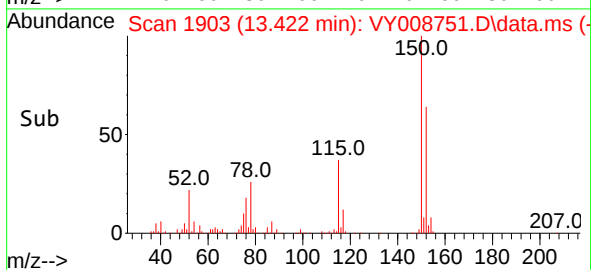
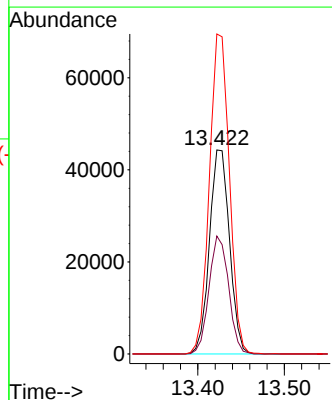
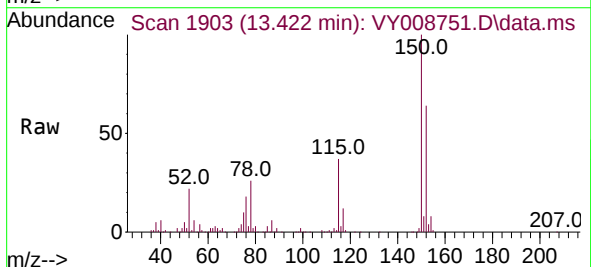
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS005-0006-01

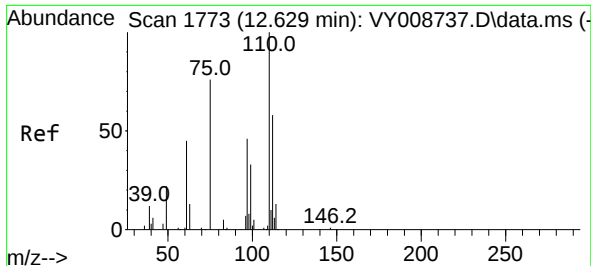
Tgt Ion:117 Resp: 215471
Ion Ratio Lower Upper
117 100
82 50.7 42.3 63.5
119 32.5 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008751.D
Acq: 13 May 2022 16:01

Tgt Ion:152 Resp: 71307
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 155.9 0.0 348.2

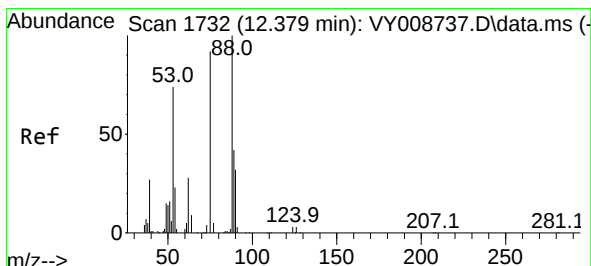
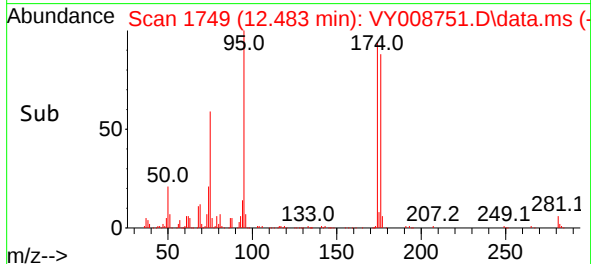
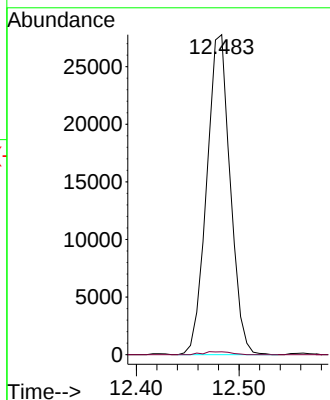
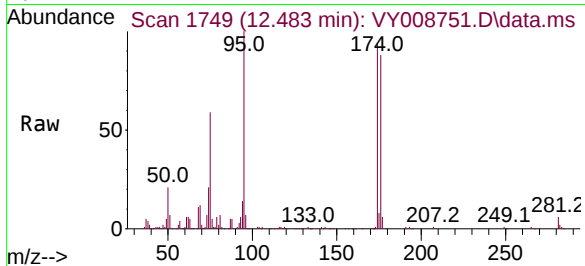




#76
1,2,3-Trichloropropane
Concen: 61.524 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008751.D
Acq: 13 May 2022 16:01

Instrument :
MSVOA_Y
ClientSampleId :
P011-SS005-0006-01

Tgt Ion: 75 Resp: 44146
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.857 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008751.D
Acq: 13 May 2022 16:01

Tgt Ion: 75 Resp: 44146
Ion Ratio Lower Upper
75 100
53 0.1 66.3 99.5#
89 0.0 36.8 55.2#

