

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006487.D
 Acq On : 26 Oct 2021 17:34
 Operator : SY/MD
 Sample : M4336-06
 Misc : 5.20G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 05:27:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	123414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	195810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74504	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	100760	66.347	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.700%
35) Dibromofluoromethane	7.722	113	64739	54.640	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.280%
50) Toluene-d8	10.185	98	271772	54.109	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.220%
62) 4-Bromofluorobenzene	12.483	95	81773	48.331	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.660%

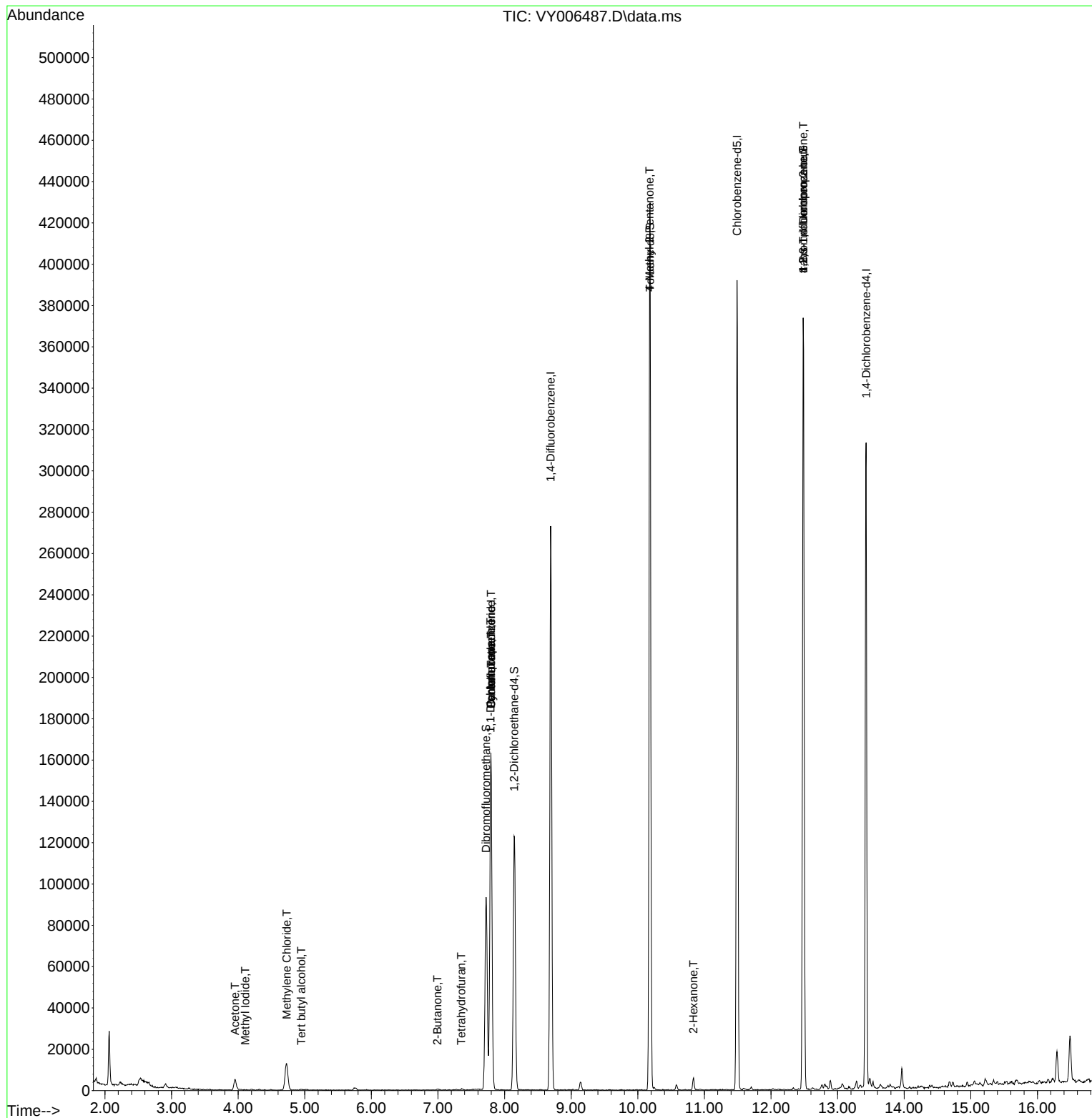
Target Compounds					Qvalue	
10) Methyl Iodide	4.107	142	282	5.268	ug/l #	53
11) Tert butyl alcohol	4.948	59	542	3.928	ug/l #	72
16) Acetone	3.954	43	9154	20.933	ug/l	93
20) Methylene Chloride	4.728	84	9048	2.868	ug/l	93
25) 2-Butanone	6.990	43	856	1.494	ug/l #	52
29) Tetrahydrofuran	7.350	42	577	1.642	ug/l #	55
31) Cyclohexane	7.795	56	3155	1.283	ug/l #	19
36) 1,1-Dichloropropene	7.789	75	10099	4.808	ug/l #	51
38) Carbon Tetrachloride	7.795	117	12253	5.288	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1482	1.096	ug/l #	1
59) 2-Hexanone	10.837	43	3901	3.987	ug/l	97
76) 1,2,3-Trichloropropane	12.483	75	48587	63.285	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48587	129.923	ug/l #	7

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

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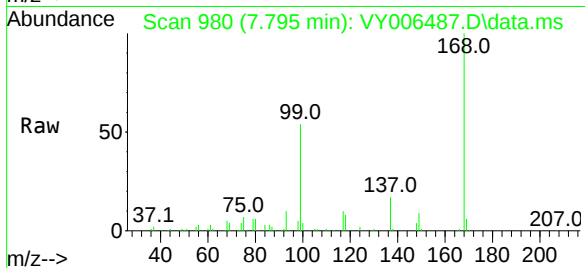
Quant Time: Oct 27 05:27:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
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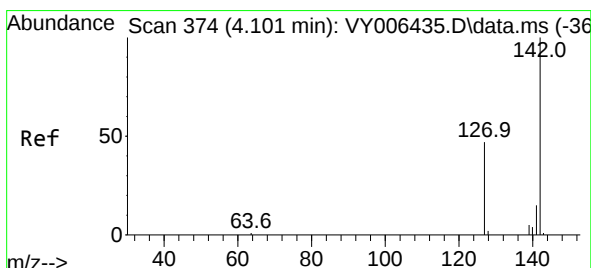
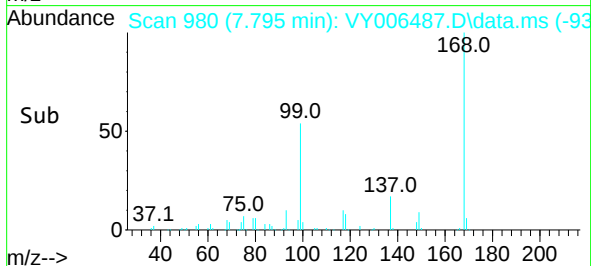
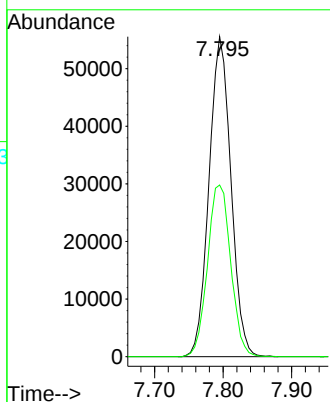


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006487.D
Acq: 26 Oct 2021 17:34

Instrument :
MSVOA_Y
ClientSampleId :

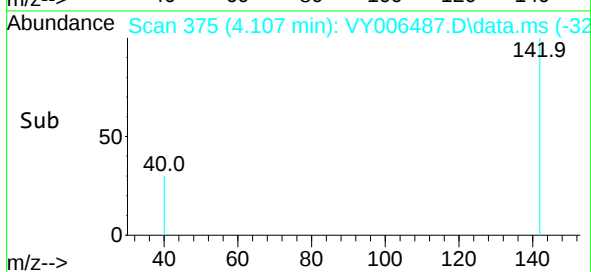
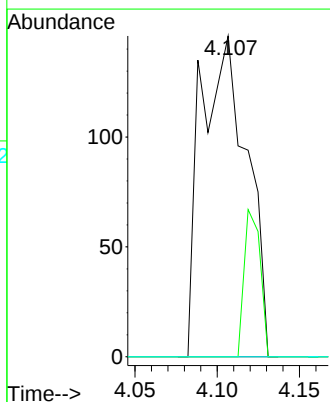
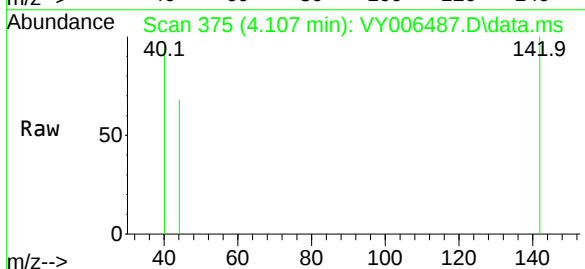


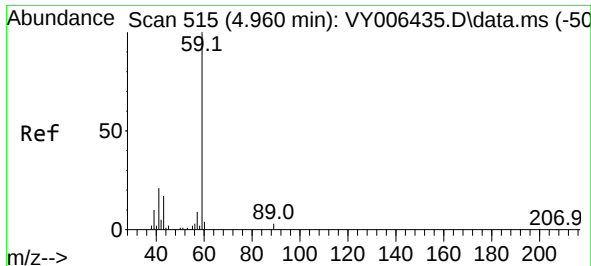
Tgt Ion:168 Resp: 123414
Ion Ratio Lower Upper
168 100
99 53.6 44.8 67.2



#10
Methyl Iodide
Concen: 5.268 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006487.D
Acq: 26 Oct 2021 17:34

Tgt Ion:142 Resp: 282
Ion Ratio Lower Upper
142 100
127 16.0 40.1 60.1#
141 0.0 12.5 18.7#





#11

Tert butyl alcohol

Concen: 3.928 ug/l

RT: 4.948 min Scan# 515

Delta R.T. -0.012 min

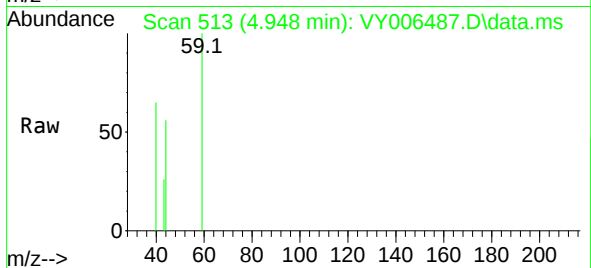
Lab File: VY006487.D

Acq: 26 Oct 2021 17:34

Instrument :

MSVOA_Y

ClientSampleId :

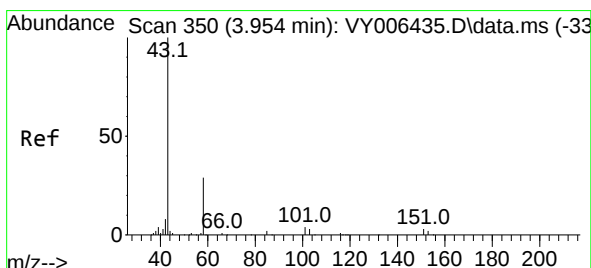
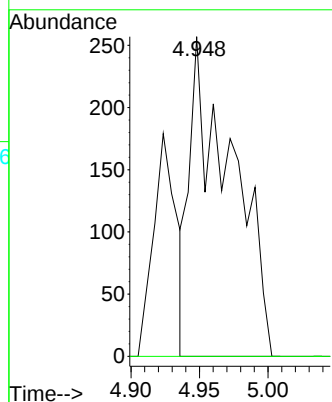


Tgt Ion: 59 Resp: 542

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 20.933 ug/l

RT: 3.954 min Scan# 350

Delta R.T. -0.000 min

Lab File: VY006487.D

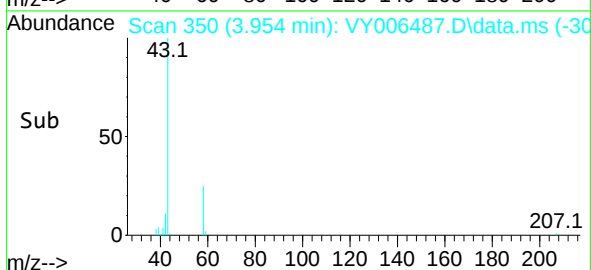
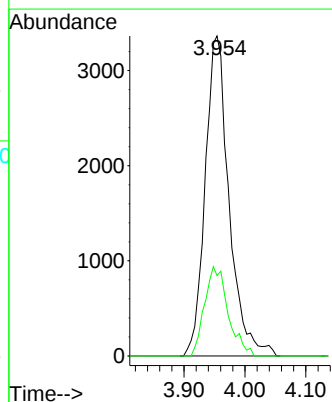
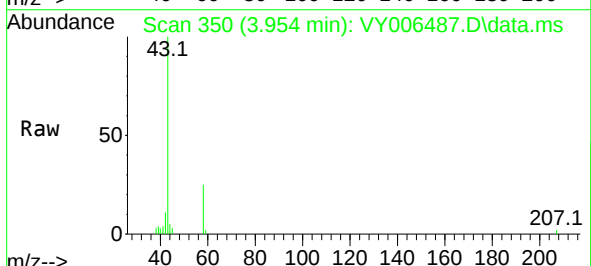
Acq: 26 Oct 2021 17:34

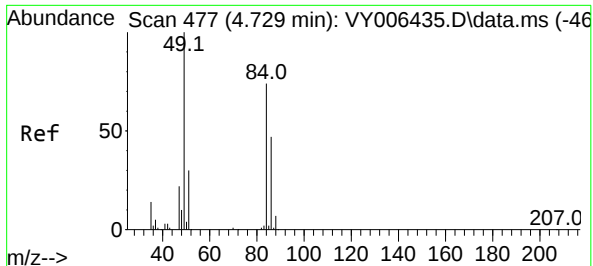
Tgt Ion: 43 Resp: 9154

Ion Ratio Lower Upper

43 100

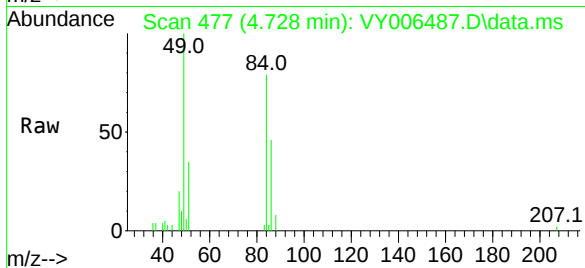
58 25.1 22.9 34.3





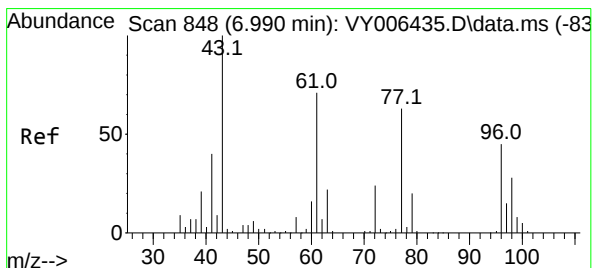
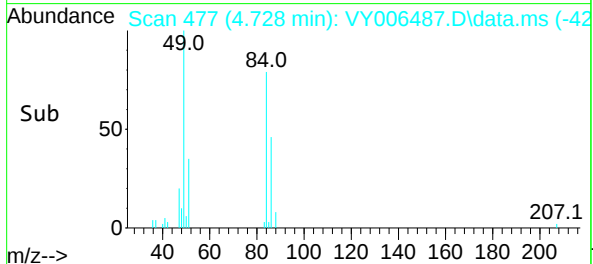
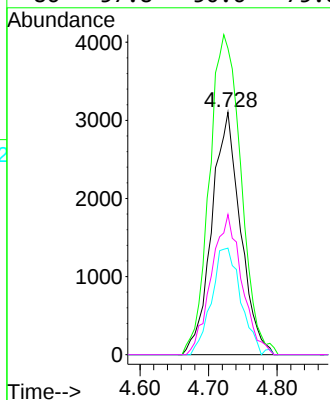
#20
Methylene Chloride
Concen: 2.868 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY006487.D
Acq: 26 Oct 2021 17:34

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 9048

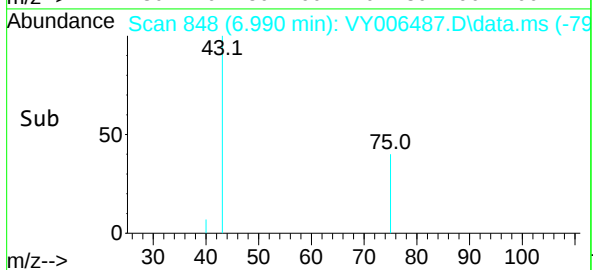
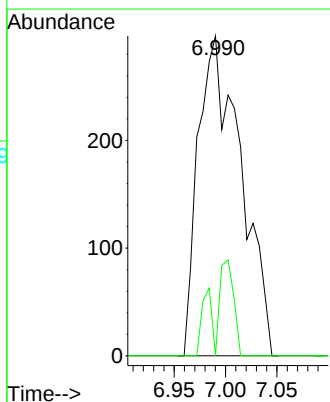
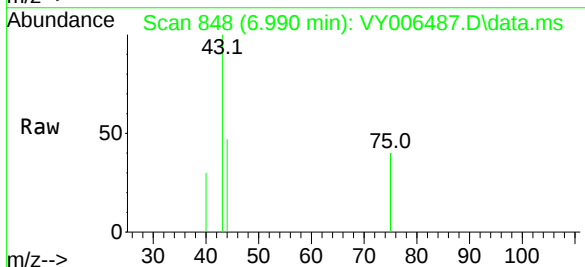
Ion	Ratio	Lower	Upper
84	100		
49	126.3	107.8	161.8
51	44.0	32.8	49.2
86	57.8	50.6	75.8

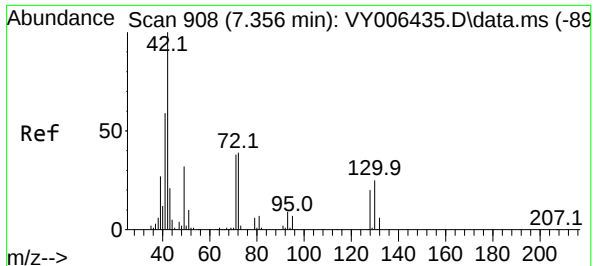


#25
2-Butanone
Concen: 1.494 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY006487.D
Acq: 26 Oct 2021 17:34

Tgt Ion: 43 Resp: 856

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.9	28.3#





#29

Tetrahydrofuran

Concen: 1.642 ug/l

RT: 7.350 min Scan# 90

Delta R.T. -0.006 min

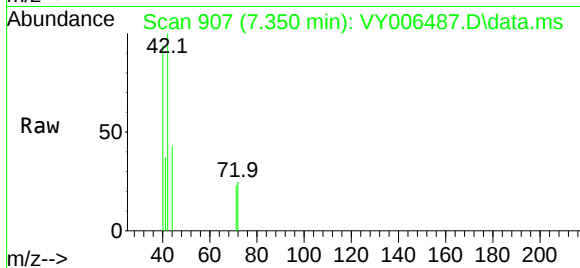
Lab File: VY006487.D

Acq: 26 Oct 2021 17:34

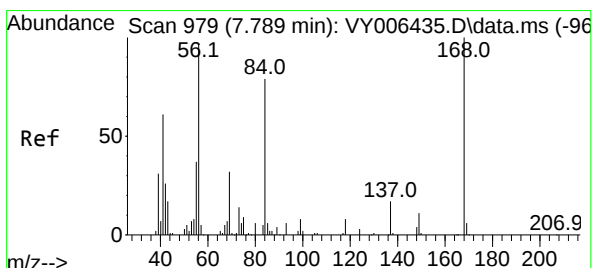
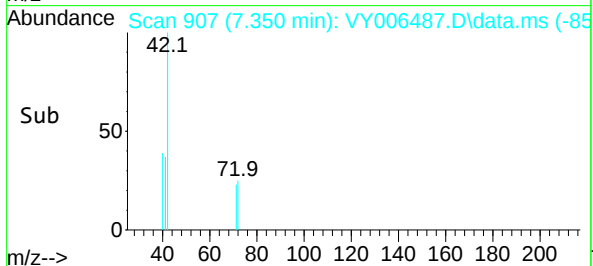
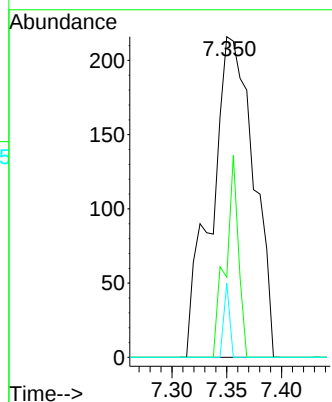
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	577
Ion	Ratio	Lower	Upper
42	100		
72	19.4	32.0	48.0#
71	3.1	30.3	45.5#



#31

Cyclohexane

Concen: 1.283 ug/l

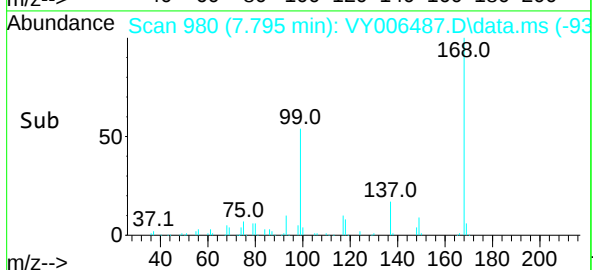
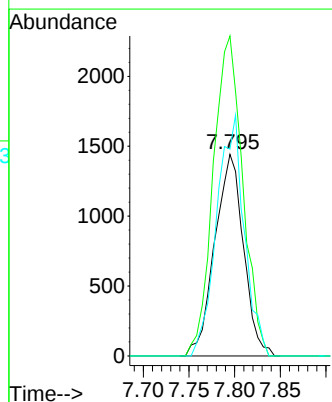
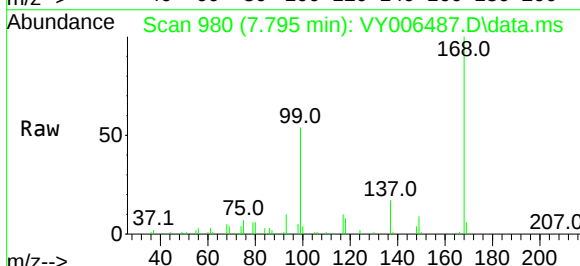
RT: 7.795 min Scan# 980

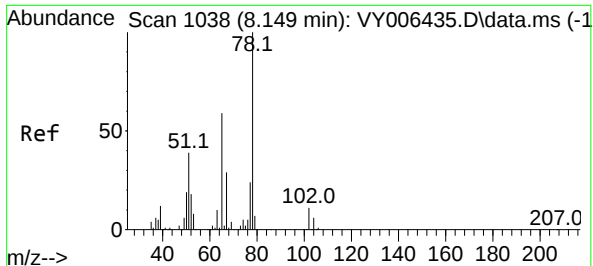
Delta R.T. 0.006 min

Lab File: VY006487.D

Acq: 26 Oct 2021 17:34

Tgt Ion:	56	Resp:	3155
Ion	Ratio	Lower	Upper
56	100		
69	158.7	26.6	40.0#
84	102.6	65.0	97.4#





#33

1,2-Dichloroethane-d4

Concen: 66.347 ug/l

RT: 8.142 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006487.D

Acq: 26 Oct 2021 17:34

Instrument :

MSVOA_Y

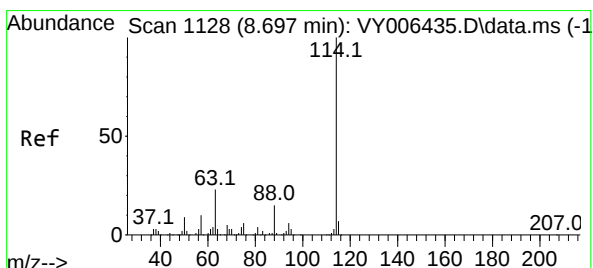
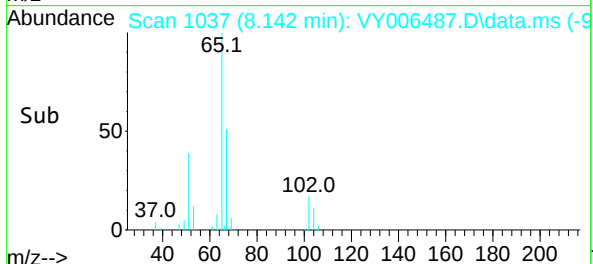
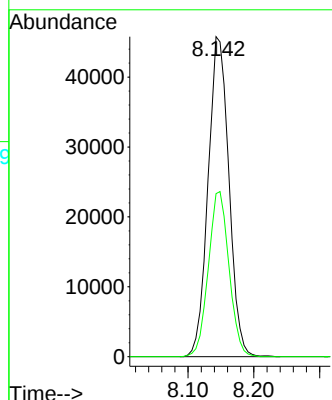
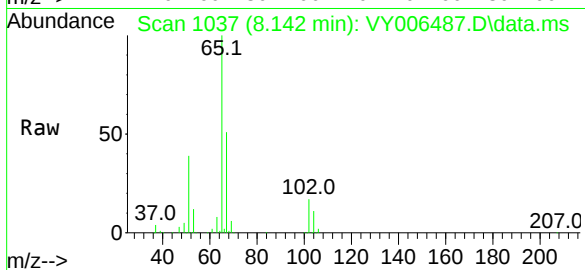
ClientSampleId :

Tgt Ion: 65 Resp: 100760

Ion Ratio Lower Upper

65 100

67 51.2 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY006487.D

Acq: 26 Oct 2021 17:34

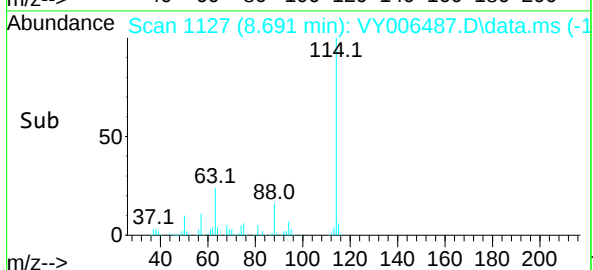
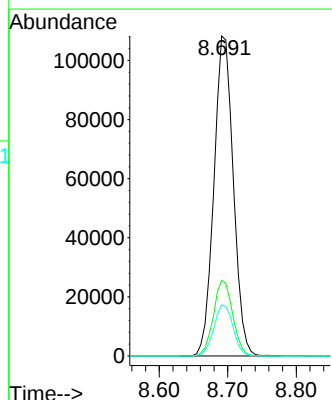
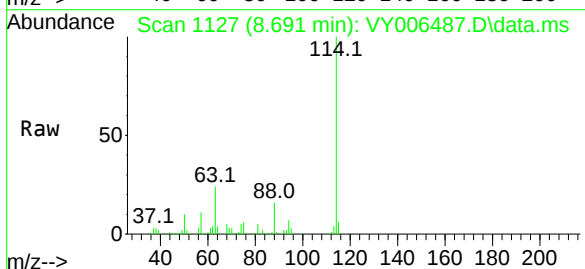
Tgt Ion: 114 Resp: 212575

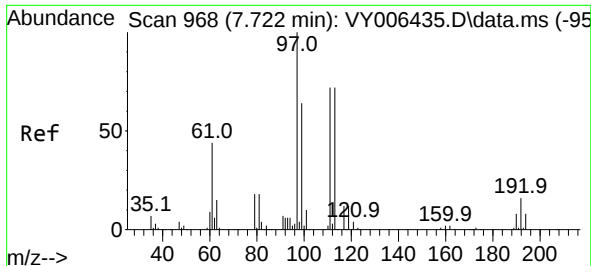
Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.0

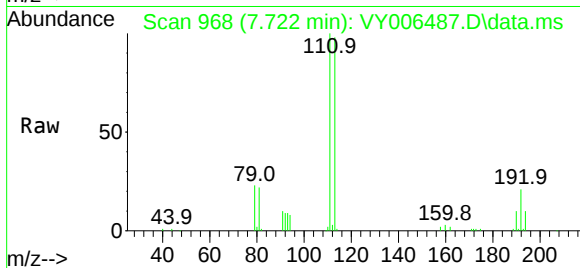
88 16.0 0.0 30.6



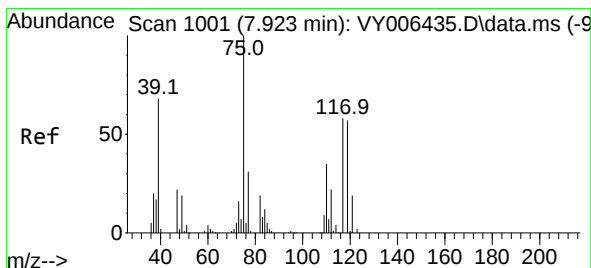
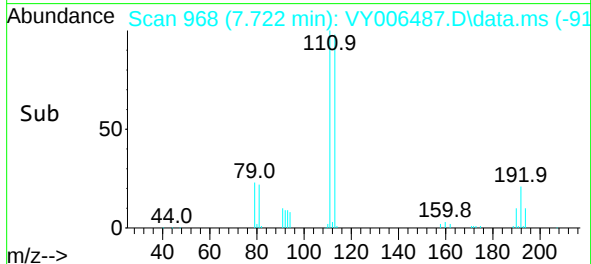
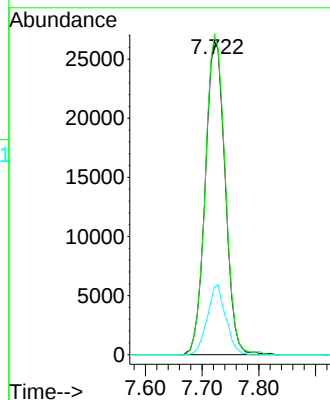


#35
Dibromofluoromethane
Concen: 54.640 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY006487.D
Acq: 26 Oct 2021 17:34

Instrument :
MSVOA_Y
ClientSampleId :

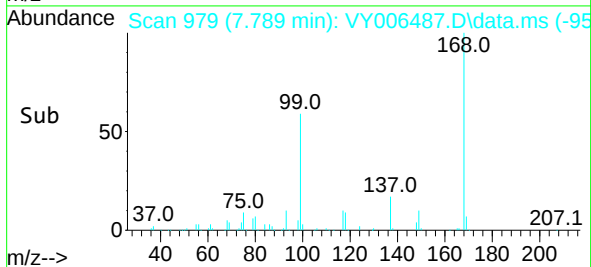
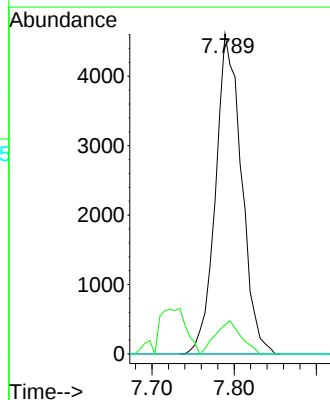
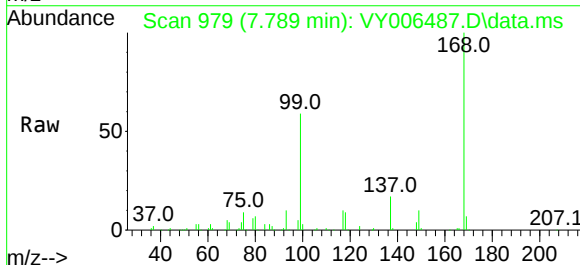


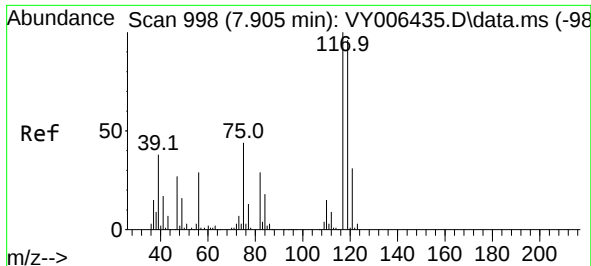
Tgt Ion:113 Resp: 64739
Ion Ratio Lower Upper
113 100
111 101.5 82.3 123.5
192 20.6 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.808 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY006487.D
Acq: 26 Oct 2021 17:34

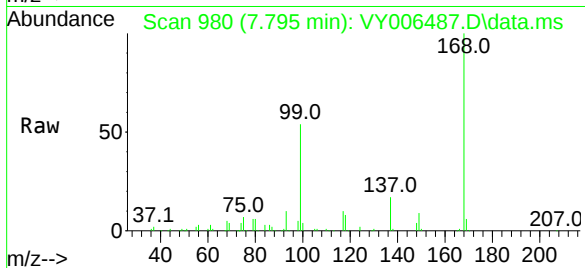
Tgt Ion: 75 Resp: 10099
Ion Ratio Lower Upper
75 100
110 10.2 17.1 51.3#
77 0.0 24.9 37.3#



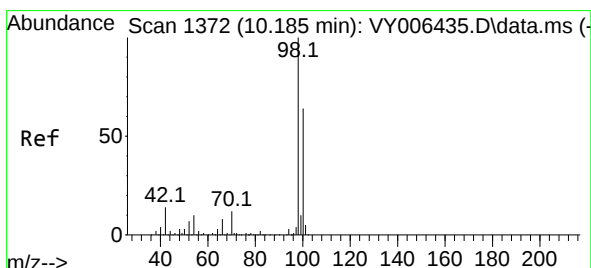
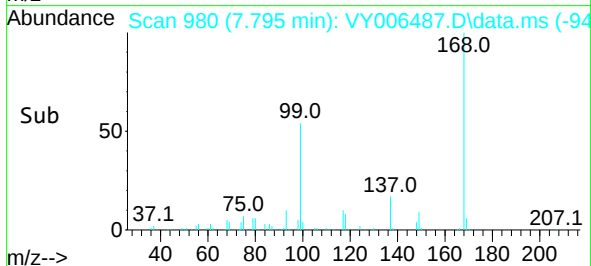
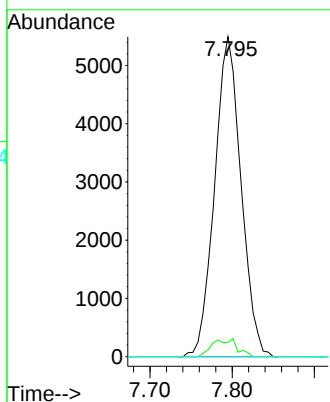


#38
Carbon Tetrachloride
Concen: 5.288 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006487.D
Acq: 26 Oct 2021 17:34

Instrument :
MSVOA_Y
ClientSampleId :

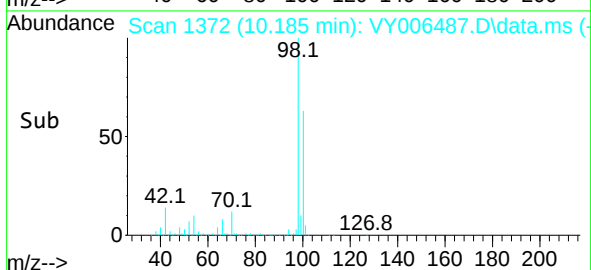
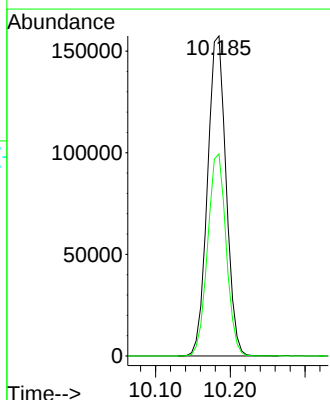
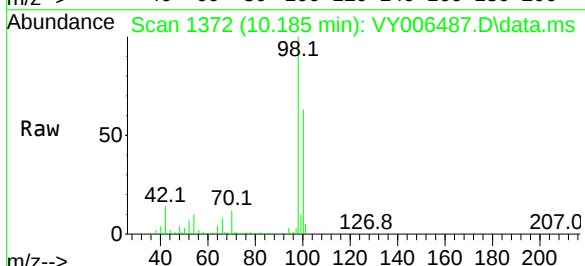


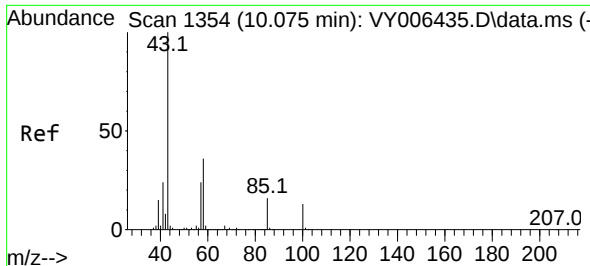
Tgt Ion:117 Resp: 12253
Ion Ratio Lower Upper
117 100
119 4.5 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.109 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006487.D
Acq: 26 Oct 2021 17:34

Tgt Ion: 98 Resp: 271772
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

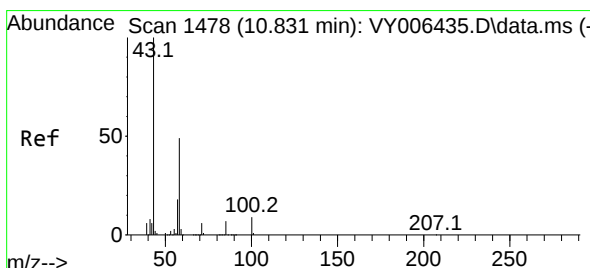
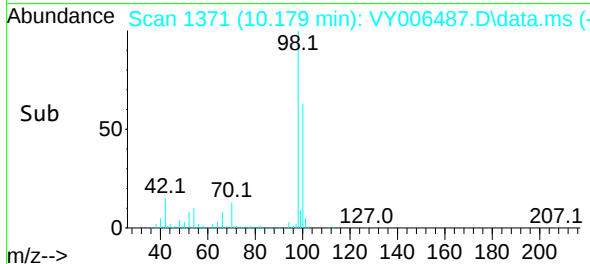
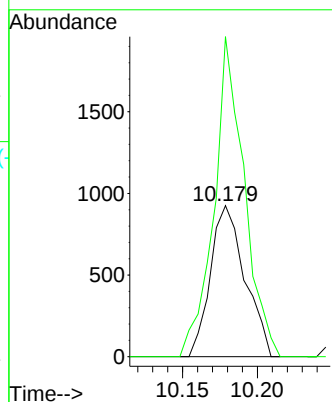
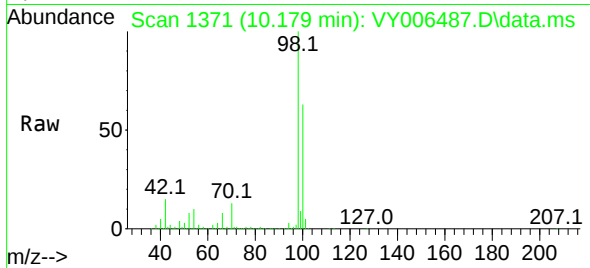




#51
4-Methyl-2-Pentanone
Concen: 1.096 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006487.D
Acq: 26 Oct 2021 17:34

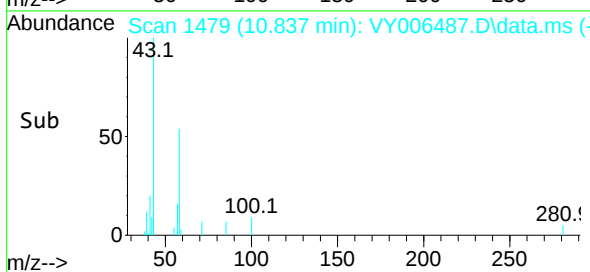
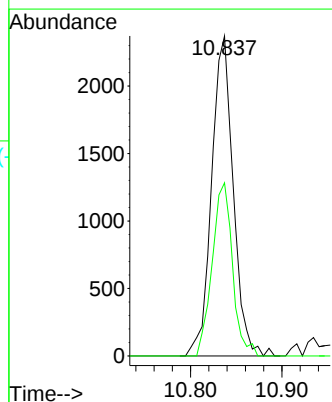
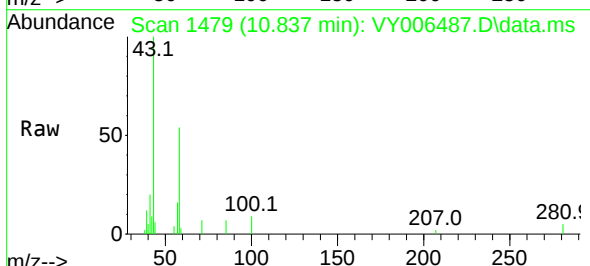
Instrument :
MSVOA_Y
ClientSampleId :

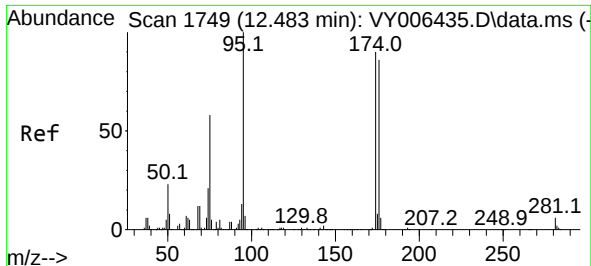
Tgt Ion: 43 Resp: 1482
Ion Ratio Lower Upper
43 100
58 185.8 28.7 43.1#



#59
2-Hexanone
Concen: 3.987 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY006487.D
Acq: 26 Oct 2021 17:34

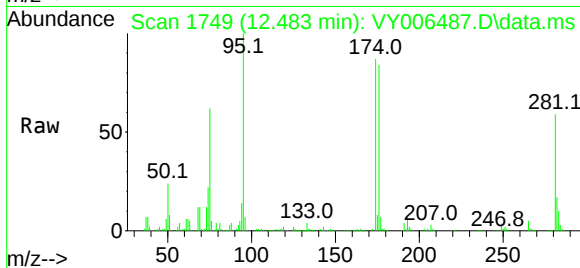
Tgt Ion: 43 Resp: 3901
Ion Ratio Lower Upper
43 100
58 50.8 24.6 73.6



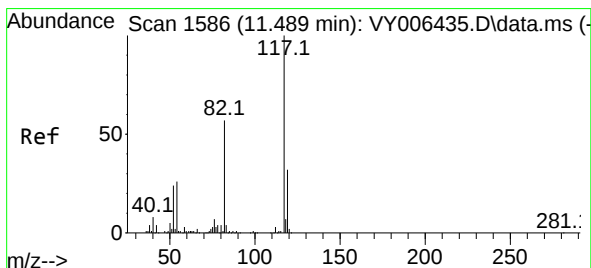
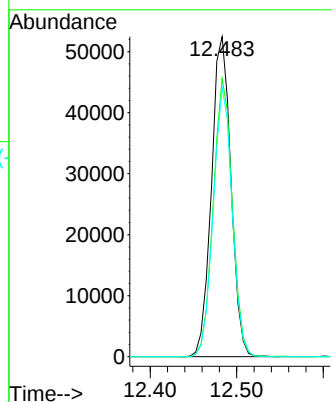
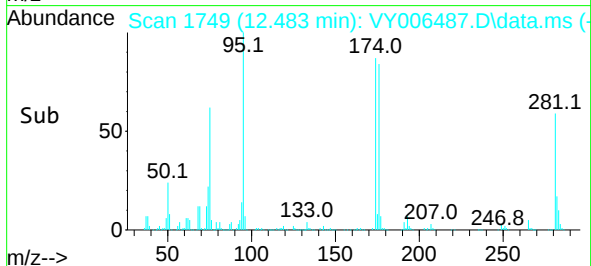


#62
4-Bromofluorobenzene
Concen: 48.331 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006487.D
Acq: 26 Oct 2021 17:34

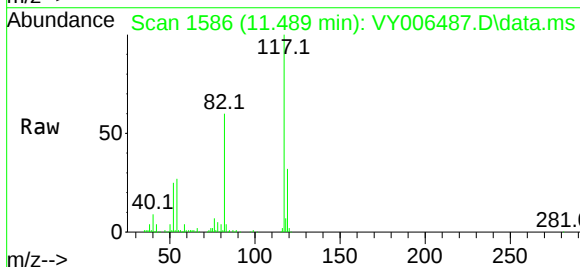
Instrument :
MSVOA_Y
ClientSampleId :



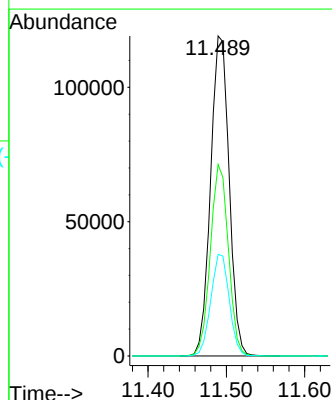
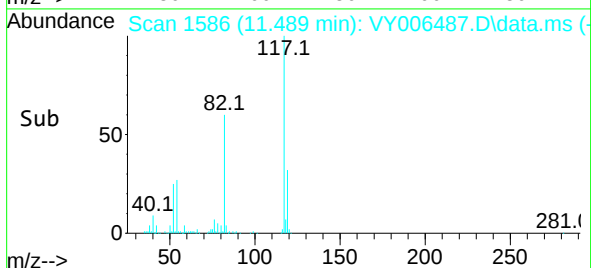
Tgt Ion: 95 Resp: 81773
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 81.7 0.0 169.4

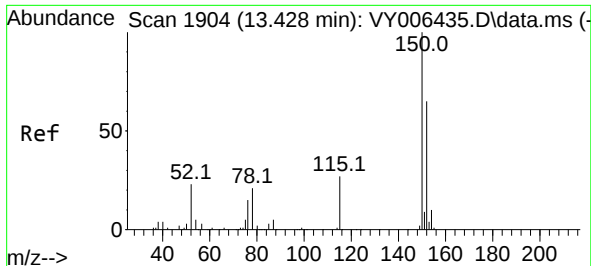


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006487.D
Acq: 26 Oct 2021 17:34



Tgt Ion: 117 Resp: 195810
Ion Ratio Lower Upper
117 100
82 59.8 45.7 68.5
119 31.8 25.5 38.3

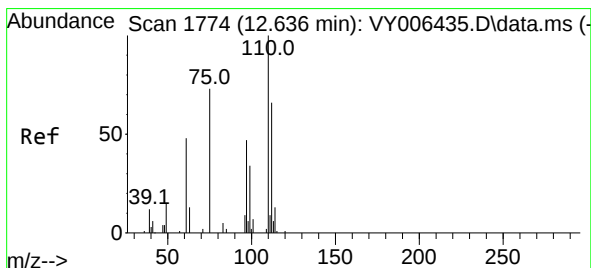
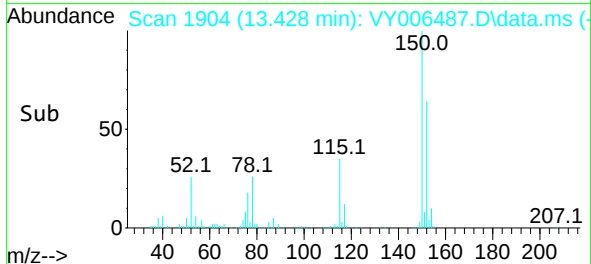
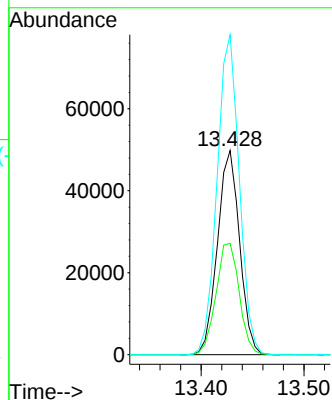
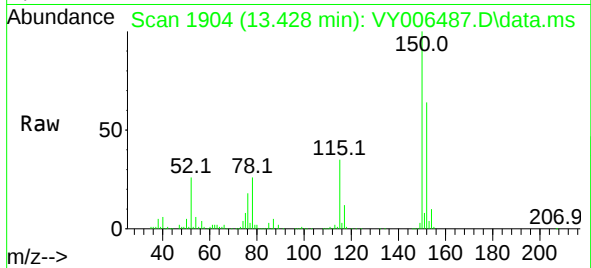




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006487.D
Acq: 26 Oct 2021 17:34

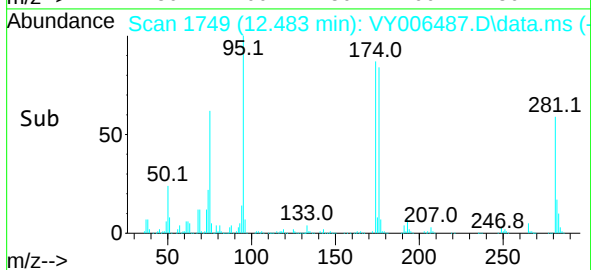
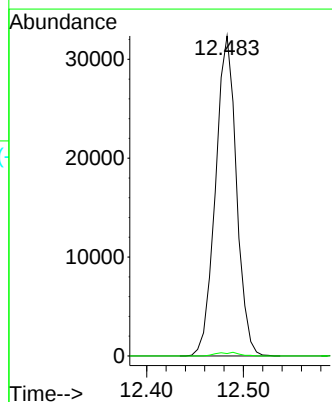
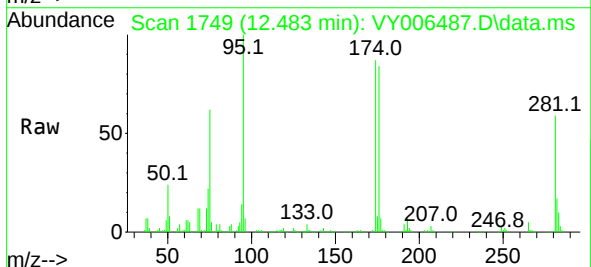
Instrument :
MSVOA_Y
ClientSampleId :

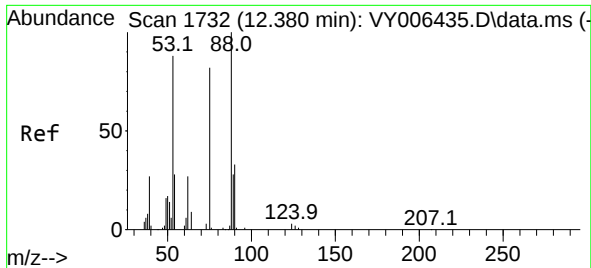
Tgt Ion:152 Resp: 74504
Ion Ratio Lower Upper
152 100
115 57.3 28.5 85.5
150 156.7 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 63.285 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006487.D
Acq: 26 Oct 2021 17:34

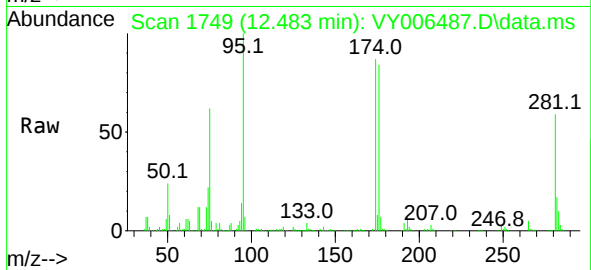
Tgt Ion: 75 Resp: 48587
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.923 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY006487.D
 Acq: 26 Oct 2021 17:34

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 48587
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.8 128.6#
 89 0.5 39.3 58.9#

