

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
 Data File : VY004146.D
 Acq On : 19 Mar 2021 19:27
 Operator : SY/MD
 Sample : M1746-05
 Misc : 6.33g/5mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-18.5-19.0

Quant Time: Mar 20 03:16:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	198497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	340057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	323757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	162830	50.00	ug/l	0.00

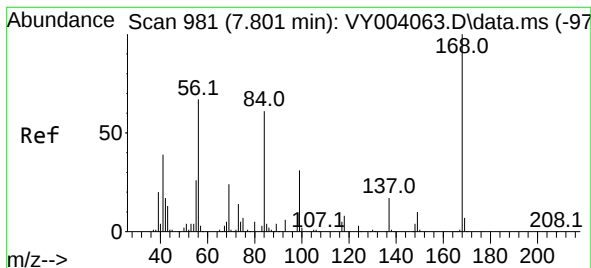
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	115252	58.84	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.68%
35) Dibromofluoromethane	7.728	113	103466	53.95	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.90%
50) Toluene-d8	10.185	98	400990	53.34	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.68%
62) 4-Bromofluorobenzene	12.483	95	149711	53.92	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.84%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.918	85	89	Below Cal	#	41
3) Chloromethane	2.119	50	430	Below Cal	#	64
16) Acetone	3.966	43	587	1.24	ug/l	92
20) Methylene Chloride	4.734	84	7656	Below Cal		92
31) Cyclohexane	7.807	56	3688	1.07	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	14095	4.72	ug/l #	51
38) Carbon Tetrachloride	7.801	117	19180	6.05	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1912	1.17	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	84284	53.98	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	84284	106.54	ug/l #	14

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

Quant Time: Mar 20 03:16:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration

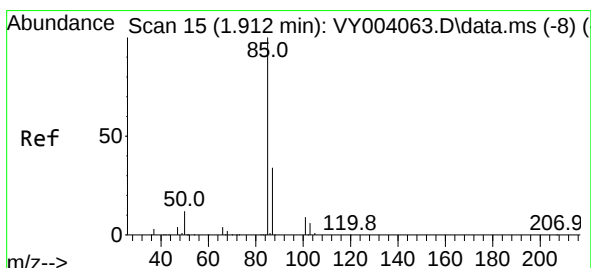
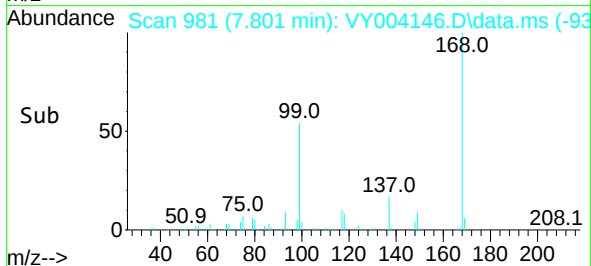
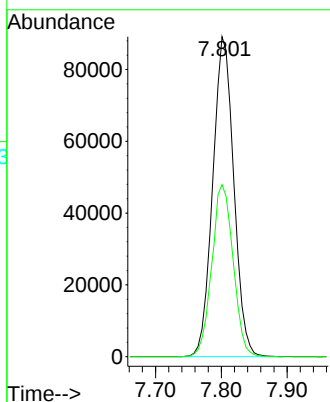
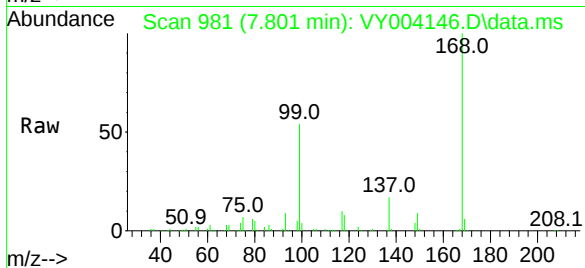




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004146.D
Acq: 19 Mar 2021 19:27

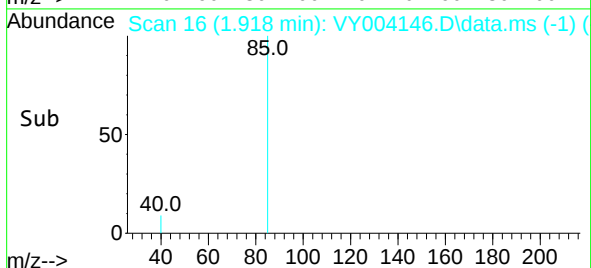
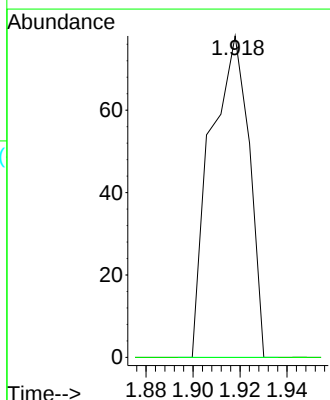
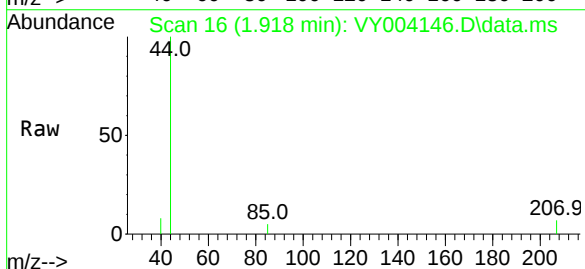
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-18.5-19.0

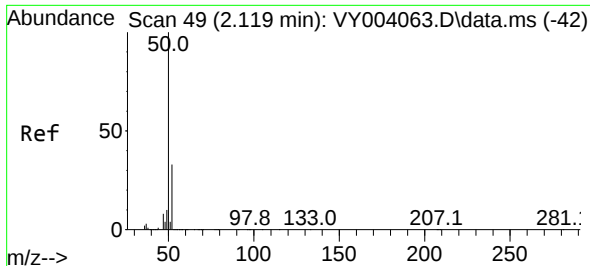
Tgt Ion:168 Resp: 198497
Ion Ratio Lower Upper
168 100
99 53.7 41.2 61.8



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY004146.D
Acq: 19 Mar 2021 19:27

Tgt Ion: 85 Resp: 89
Ion Ratio Lower Upper
85 100
87 0.0 17.0 51.0#

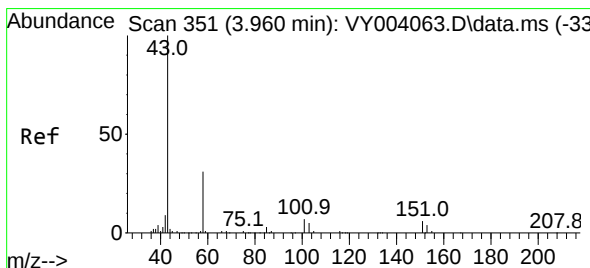
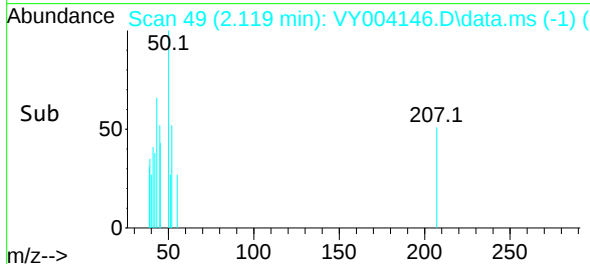
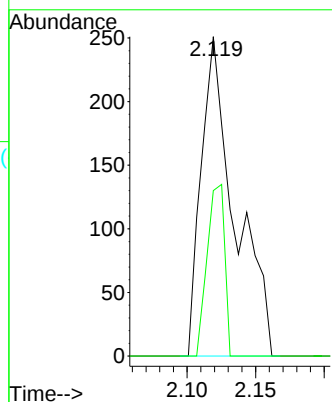
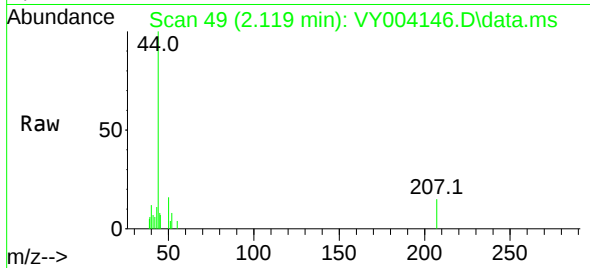




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004146.D
Acq: 19 Mar 2021 19:27

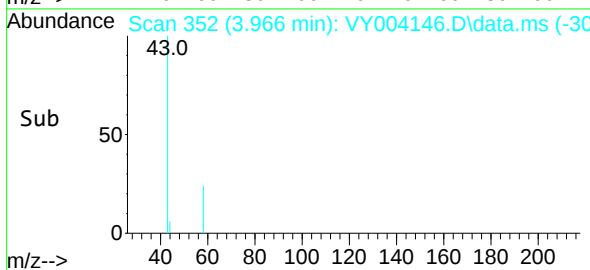
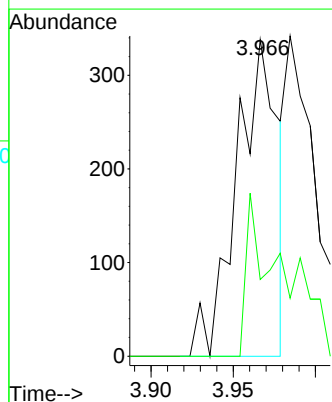
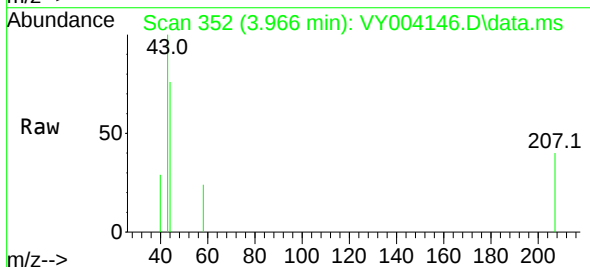
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-18.5-19.0

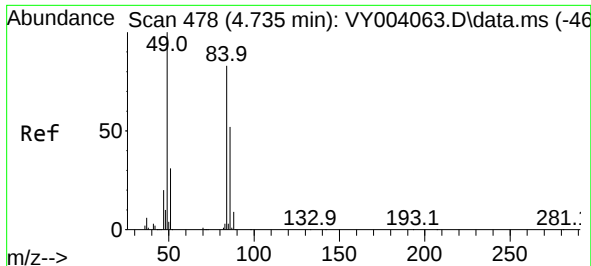
Tgt Ion: 50 Resp: 430
Ion Ratio Lower Upper
50 100
52 51.8 25.4 38.2#



#16
Acetone
Concen: 1.24 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004146.D
Acq: 19 Mar 2021 19:27

Tgt Ion: 43 Resp: 587
Ion Ratio Lower Upper
43 100
58 24.3 22.6 34.0



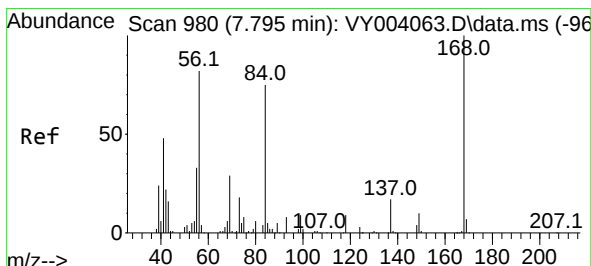
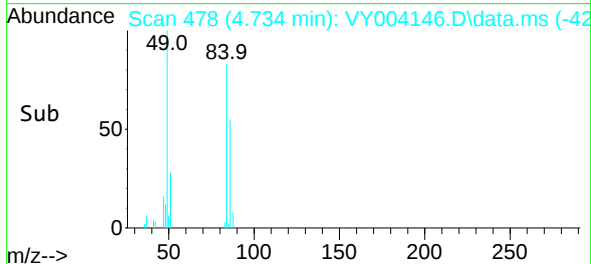
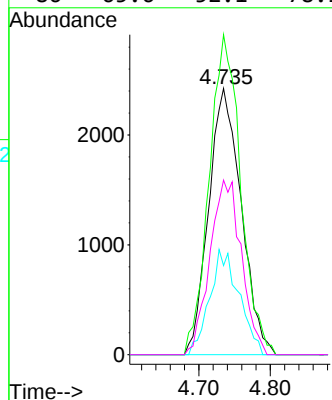
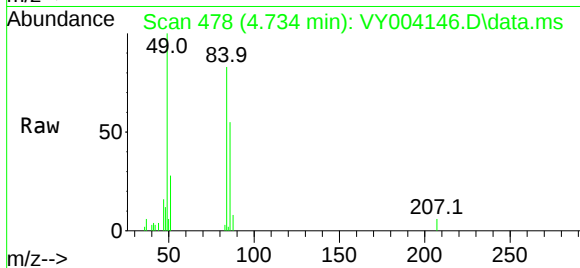


#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. -0.001 min
Lab File: VY004146.D
Acq: 19 Mar 2021 19:27

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-18.5-19.0

Tgt Ion: 84 Resp: 7656

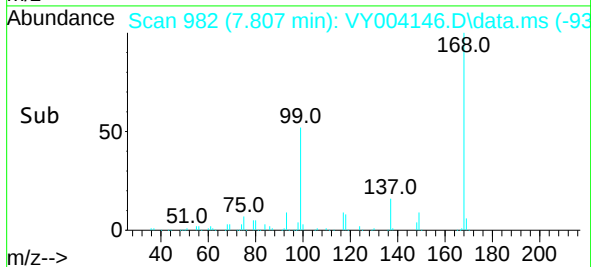
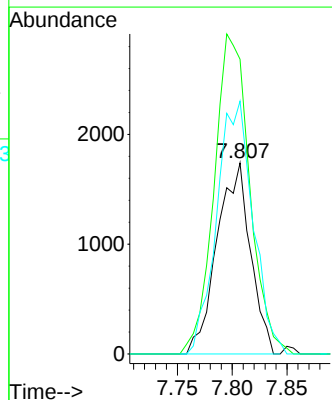
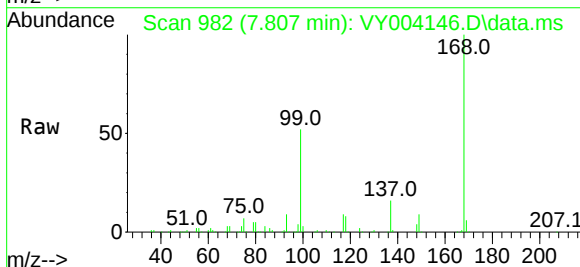
Ion	Ratio	Lower	Upper
84	100		
49	120.2	105.8	158.6
51	33.5	32.6	48.8
86	65.6	52.1	78.1

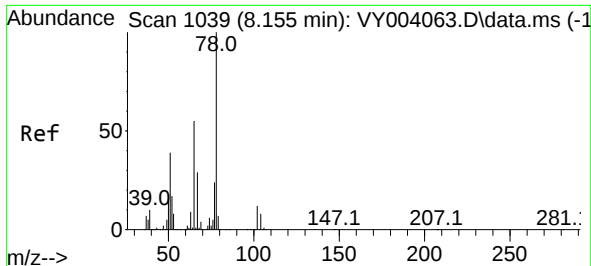


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY004146.D
Acq: 19 Mar 2021 19:27

Tgt Ion: 56 Resp: 3688

Ion	Ratio	Lower	Upper
56	100		
69	154.2	25.3	37.9#
84	132.3	67.3	100.9#

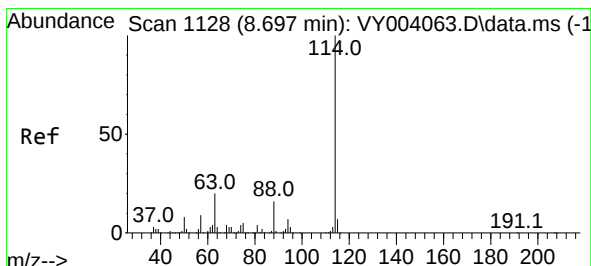
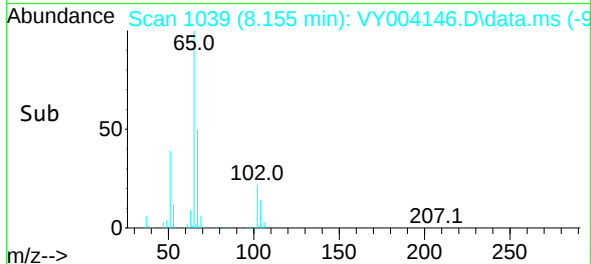
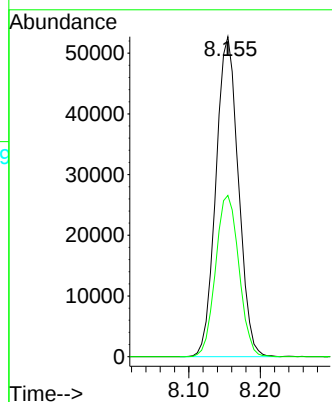
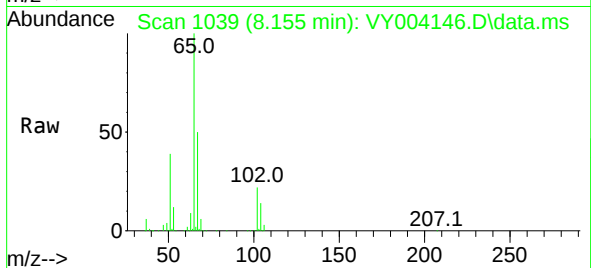




#33
1,2-Dichloroethane-d4
Concen: 58.84 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004146.D
Acq: 19 Mar 2021 19:27

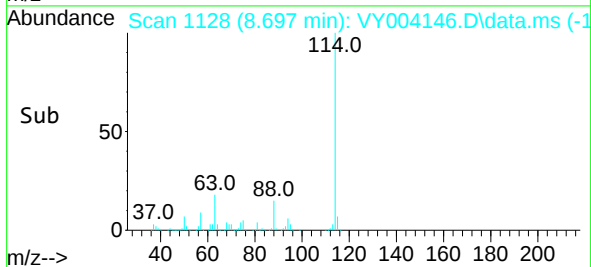
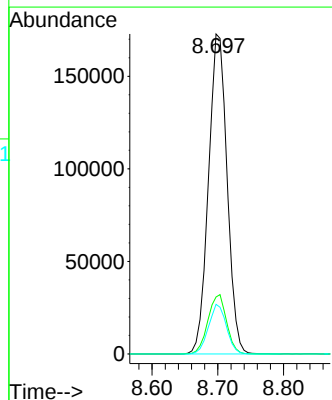
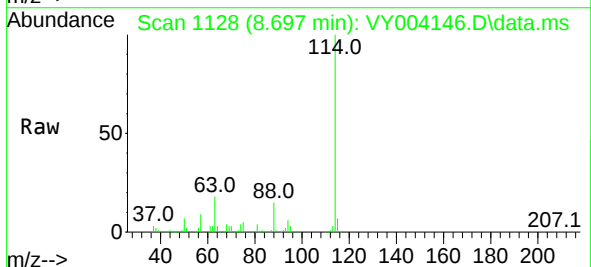
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-18.5-19.0

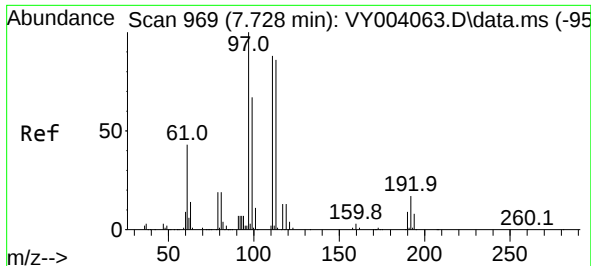
Tgt Ion: 65 Resp: 115252
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004146.D
Acq: 19 Mar 2021 19:27

Tgt Ion: 114 Resp: 340057
Ion Ratio Lower Upper
114 100
63 17.8 0.0 41.6
88 15.5 0.0 31.4

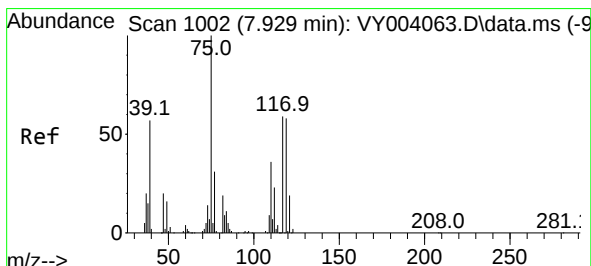
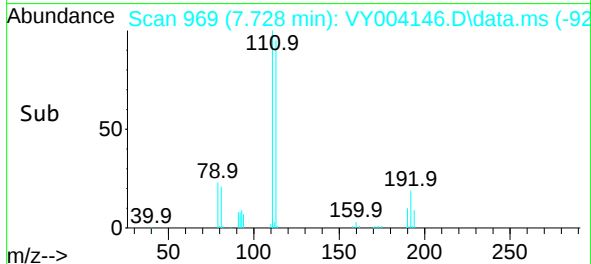
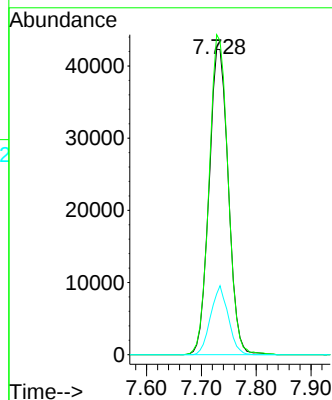
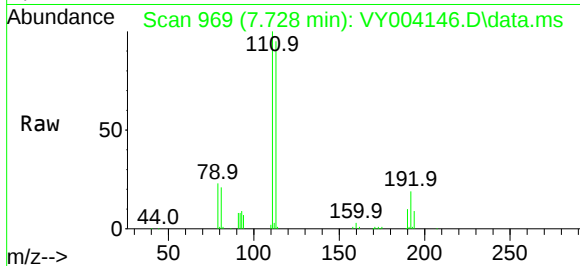




#35
Dibromofluoromethane
Concen: 53.95 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004146.D
Acq: 19 Mar 2021 19:27

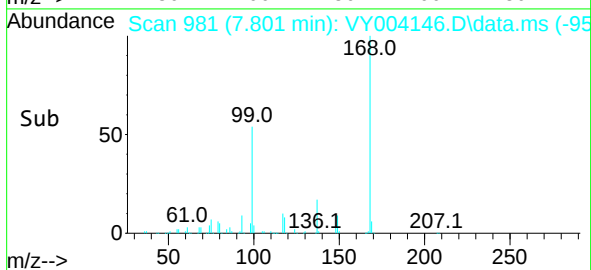
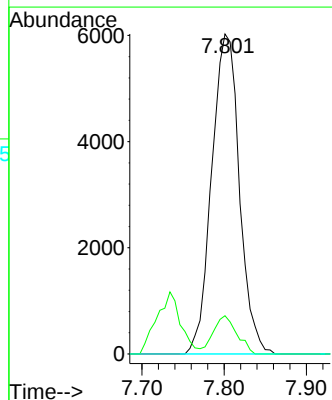
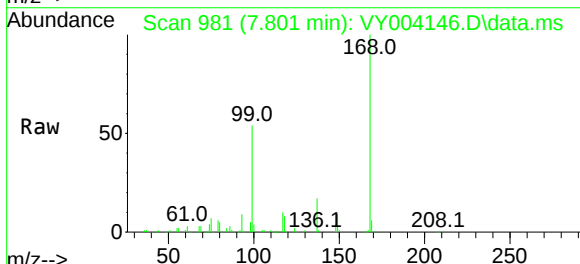
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-18.5-19.0

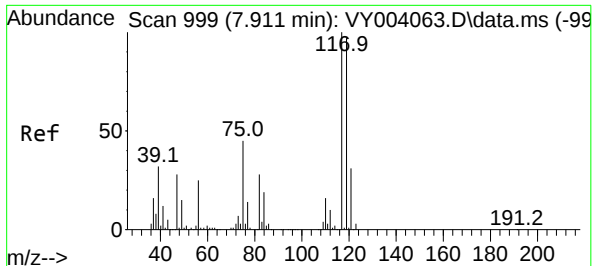
Tgt Ion:113 Resp: 103466
Ion Ratio Lower Upper
113 100
111 102.7 83.2 124.8
192 20.5 18.5 27.7



#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004146.D
Acq: 19 Mar 2021 19:27

Tgt Ion: 75 Resp: 14095
Ion Ratio Lower Upper
75 100
110 10.2 17.4 52.3#
77 0.0 24.5 36.7#

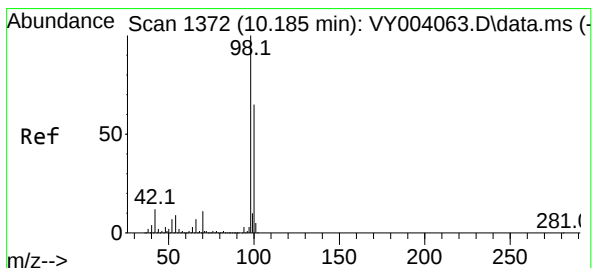
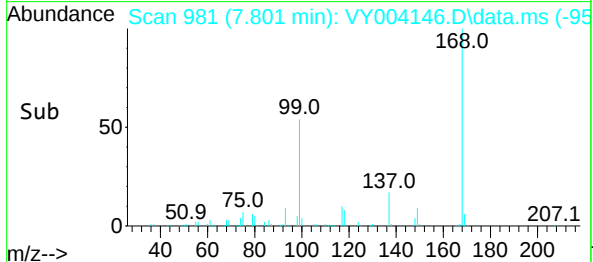
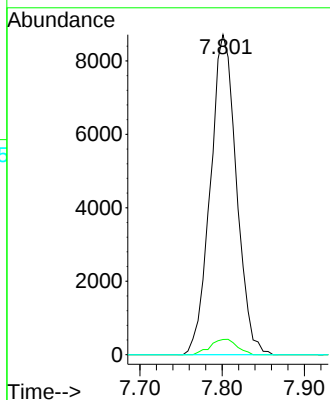
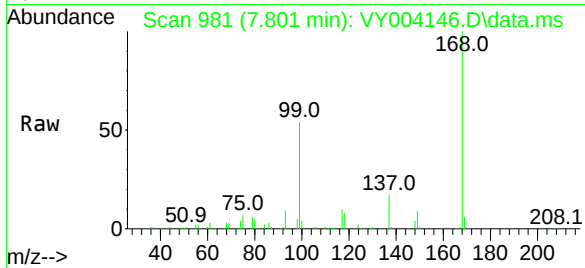




#38
Carbon Tetrachloride
Concen: 6.05 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004146.D
Acq: 19 Mar 2021 19:27

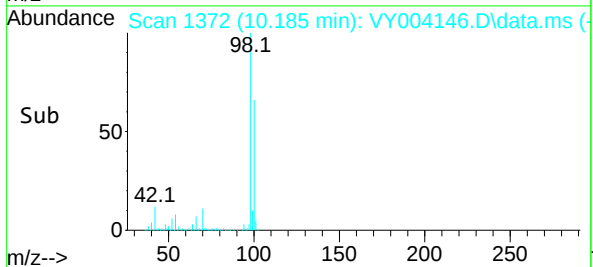
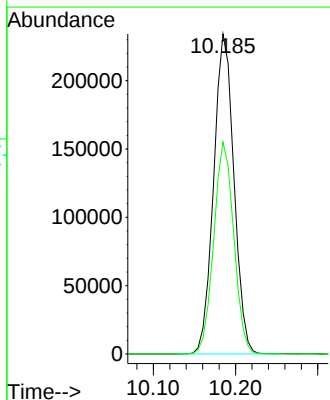
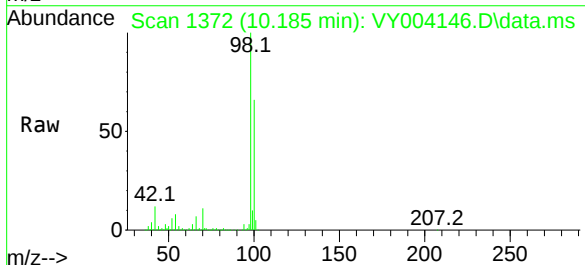
Instrument :
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ClientSampleId :
SB-5-18.5-19.0

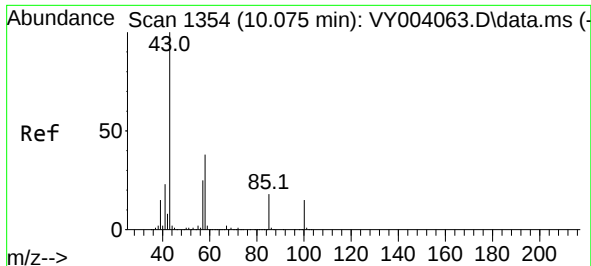
Tgt Ion:117 Resp: 19180
Ion Ratio Lower Upper
117 100
119 4.8 75.4 113.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.34 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004146.D
Acq: 19 Mar 2021 19:27

Tgt Ion: 98 Resp: 400990
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6

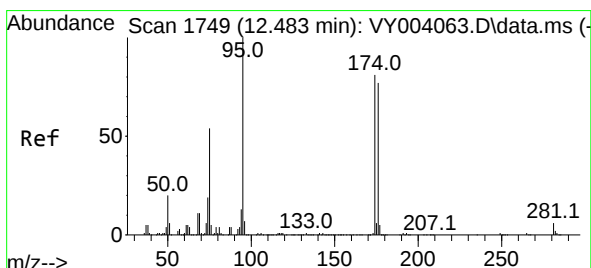
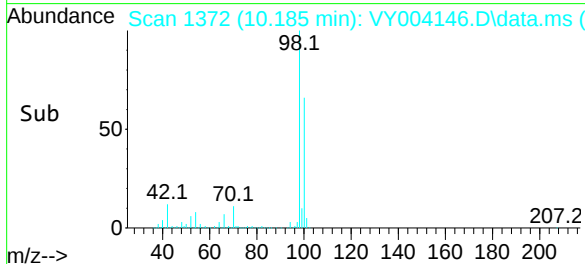
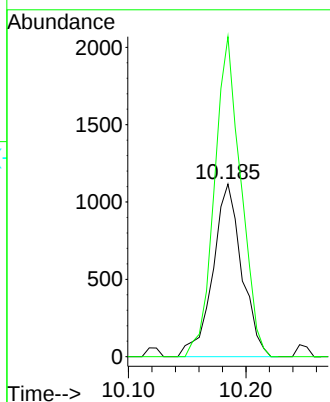
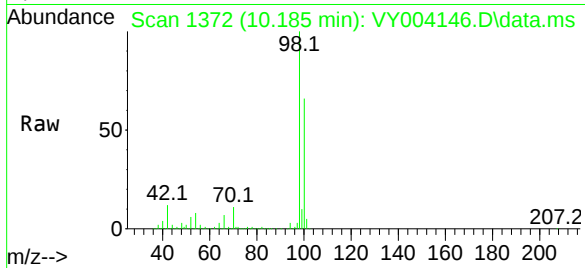




#51
4-Methyl-2-Pentanone
Concen: 1.17 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004146.D
Acq: 19 Mar 2021 19:27

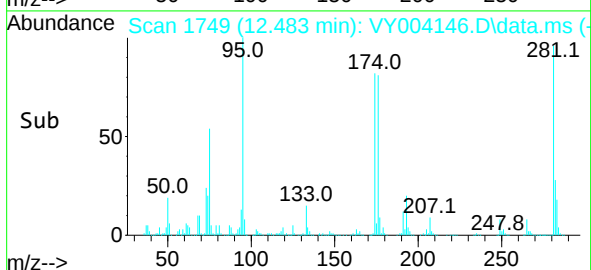
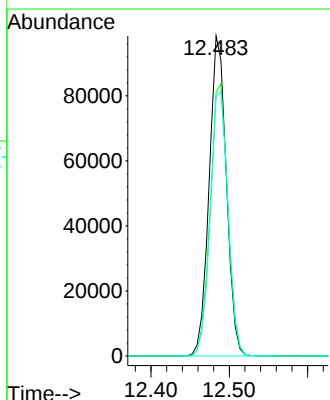
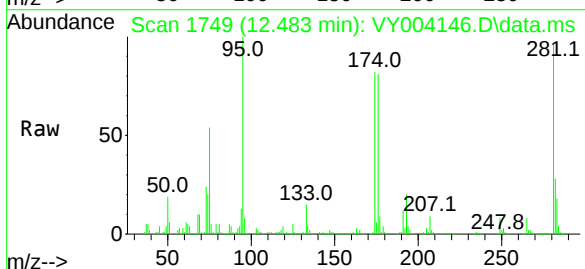
Instrument :
MSVOA_Y
ClientSampled :
SB-5-18.5-19.0

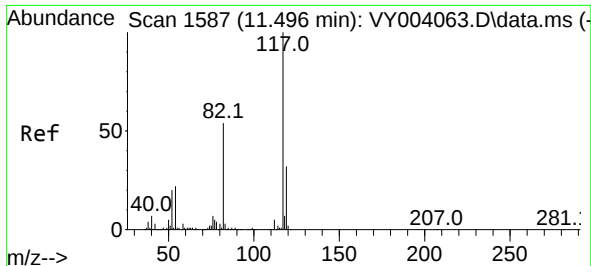
Tgt Ion: 43 Resp: 1912
Ion Ratio Lower Upper
43 100
58 169.8 29.8 44.8#



#62
4-Bromofluorobenzene
Concen: 53.92 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004146.D
Acq: 19 Mar 2021 19:27

Tgt Ion: 95 Resp: 149711
Ion Ratio Lower Upper
95 100
174 87.3 0.0 179.0
176 85.5 0.0 174.4

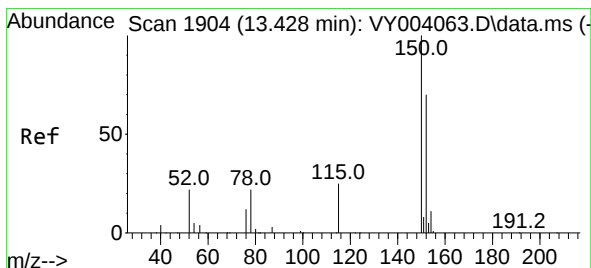
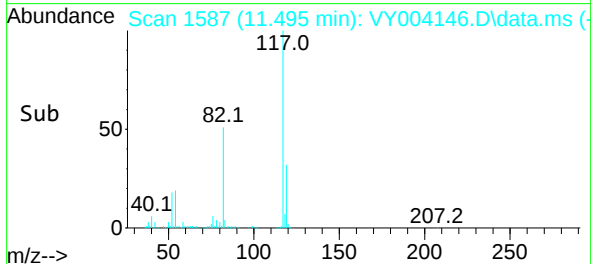
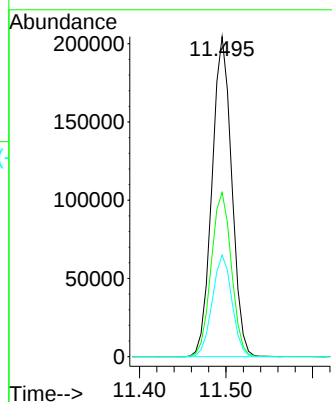
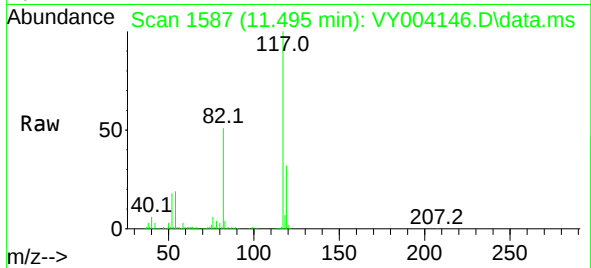




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004146.D
Acq: 19 Mar 2021 19:27

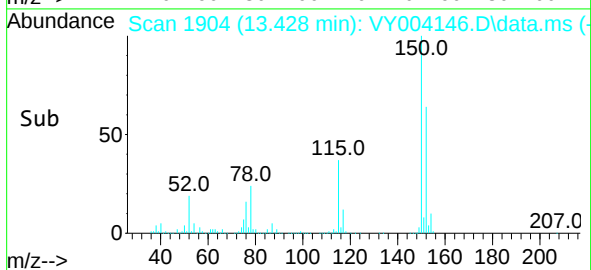
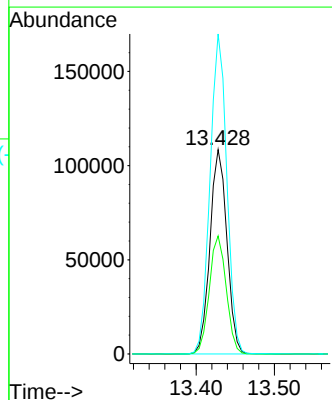
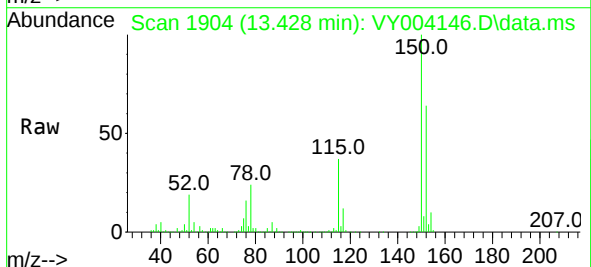
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-18.5-19.0

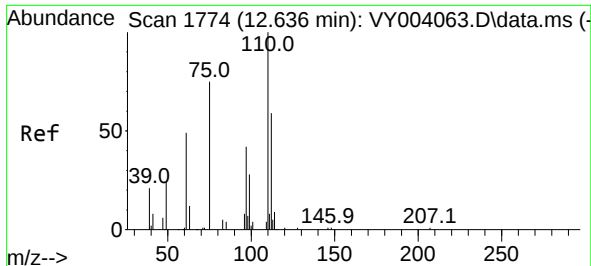
Tgt Ion:117 Resp: 323757
Ion Ratio Lower Upper
117 100
82 51.3 43.8 65.6
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004146.D
Acq: 19 Mar 2021 19:27

Tgt Ion:152 Resp: 162830
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.6
150 155.1 0.0 347.2

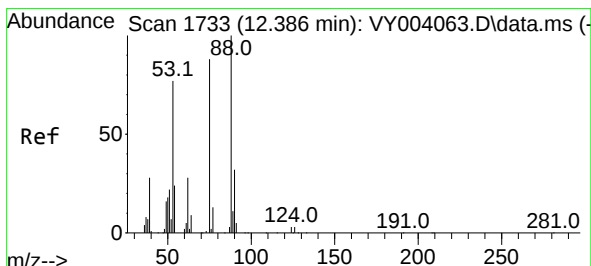
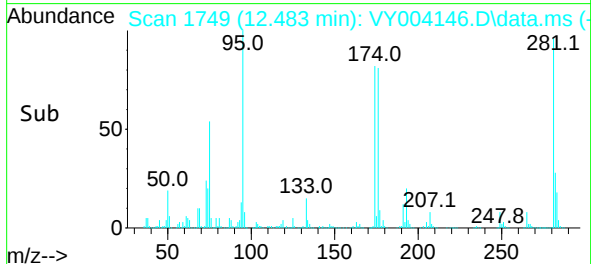
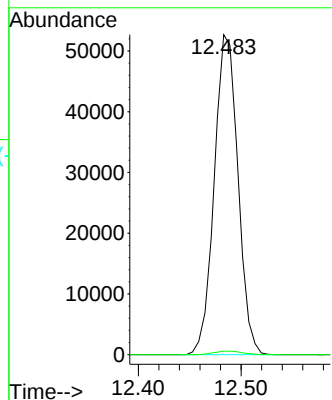
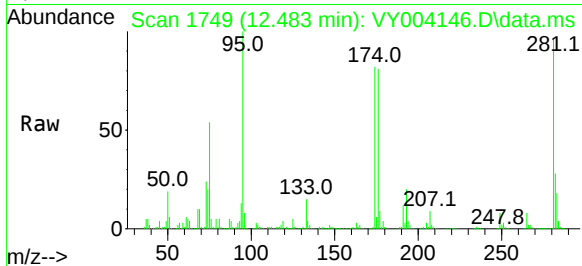




#76
1,2,3-Trichloropropane
Concen: 53.98 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004146.D
Acq: 19 Mar 2021 19:27

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-18.5-19.0

Tgt Ion: 75 Resp: 84284
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.54 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004146.D
Acq: 19 Mar 2021 19:27

Tgt Ion: 75 Resp: 84284
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 2.5 35.7 53.5#

