

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006768.D
 Acq On : 16 Nov 2021 17:48
 Operator : SY/MD
 Sample : M4654-07RE
 Misc : 5.68G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PARKINGLOT-TOP-U-SP-1-3

Quant Time: Nov 17 04:08:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	109770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	190833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	191144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70023	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86833	60.357	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.720%
35) Dibromofluoromethane	7.728	113	60817	51.884	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.760%
50) Toluene-d8	10.185	98	256340	52.847	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.700%
62) 4-Bromofluorobenzene	12.483	95	77245	47.238	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.480%

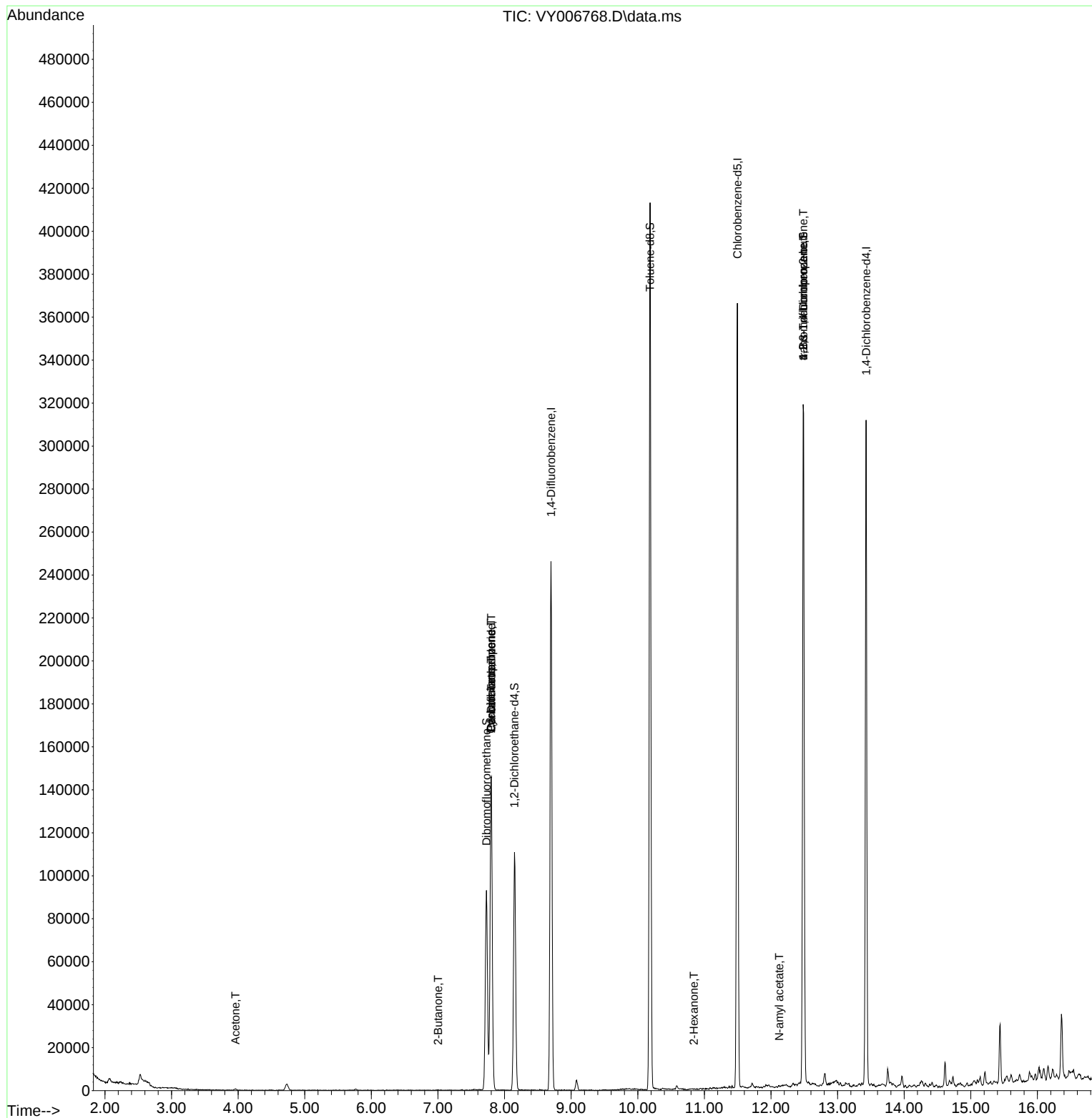
Target Compounds					Qvalue	
16) Acetone	3.960	43	912	2.086	ug/l	# 89
20) Methylene Chloride	4.735	84	2049	Below Cal		88
25) 2-Butanone	7.003	43	165	11.748	ug/l	# 52
31) Cyclohexane	7.795	56	2886	1.141	ug/l	# 23
36) 1,1-Dichloropropene	7.795	75	9176	4.424	ug/l	# 50
38) Carbon Tetrachloride	7.801	117	11388	5.368	ug/l	# 18
59) 2-Hexanone	10.843	43	50	23.861	ug/l	# 28
74) N-amyl acetate	12.124	43	303	3.302	ug/l	# 58
76) 1,2,3-Trichloropropane	12.483	75	45518	59.789	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	45518	118.471	ug/l	# 7

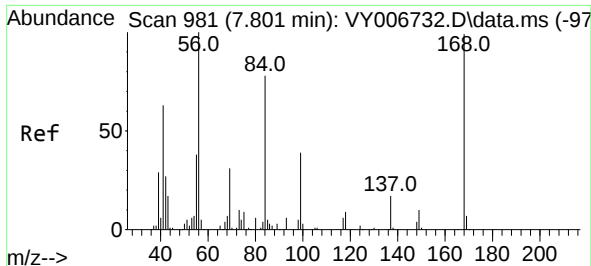
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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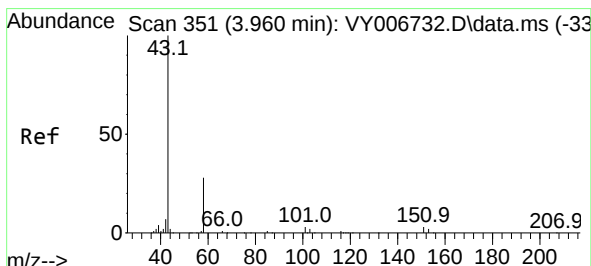
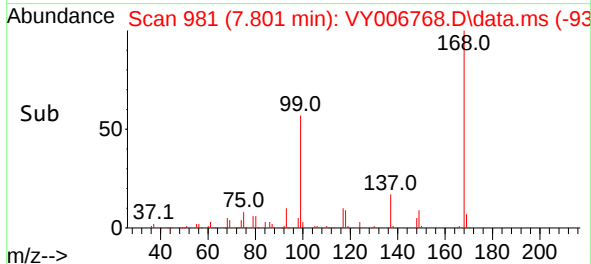
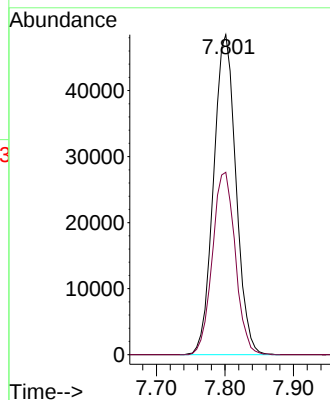
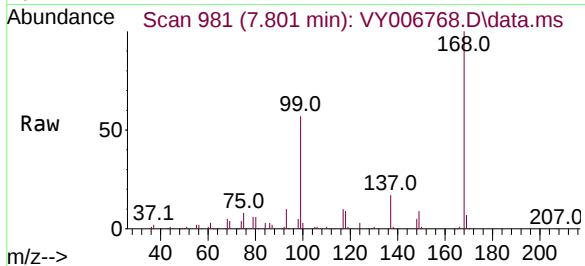




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006768.D
Acq: 16 Nov 2021 17:48

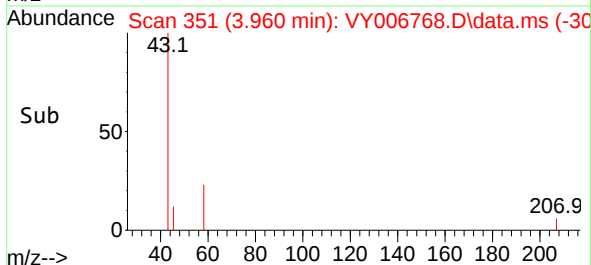
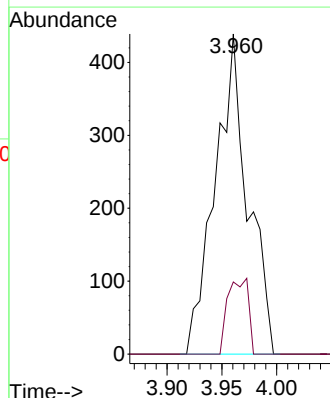
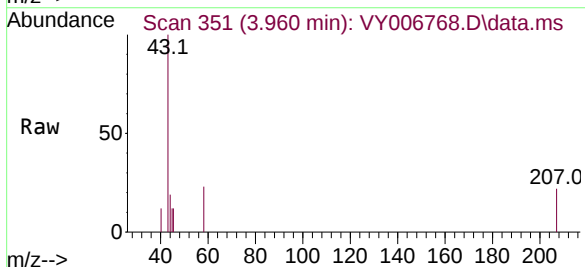
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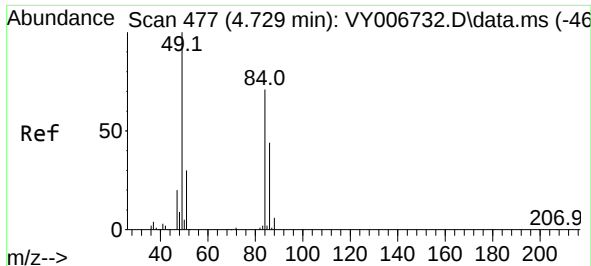
Tgt Ion:168 Resp: 109770
Ion Ratio Lower Upper
168 100
99 57.0 44.8 67.2



#16
Acetone
Concen: 2.086 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY006768.D
Acq: 16 Nov 2021 17:48

Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
58 22.6 22.9 34.3#

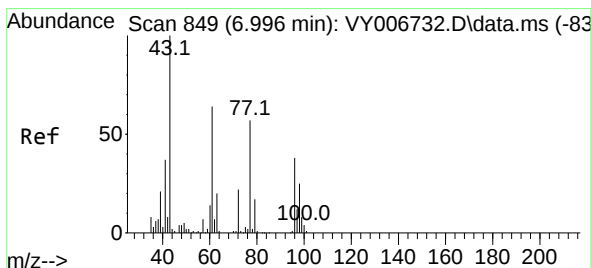
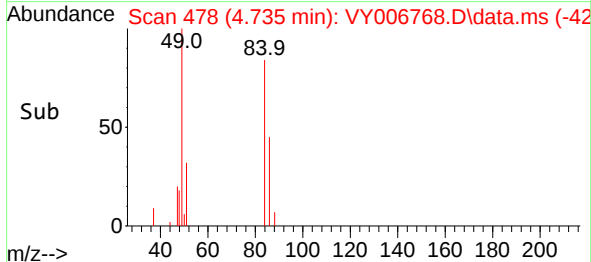
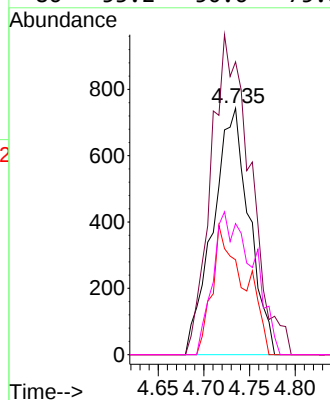
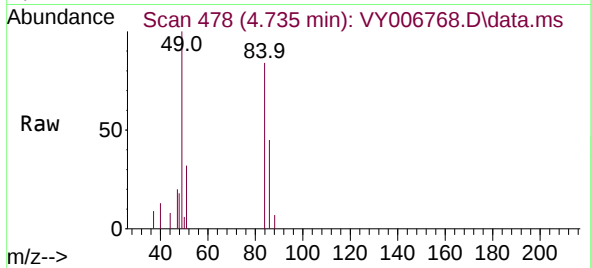




#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY006768.D
Acq: 16 Nov 2021 17:48

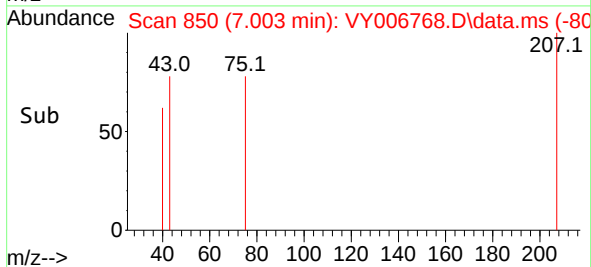
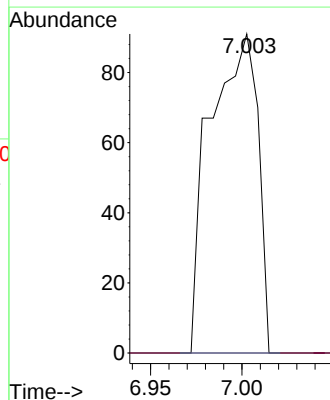
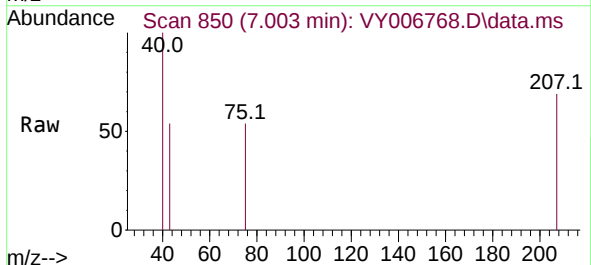
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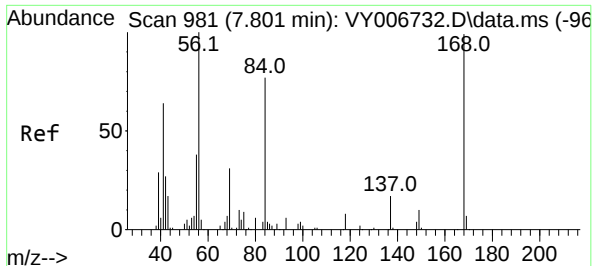
Tgt Ion:	84	Resp:	2049
Ion	Ratio	Lower	Upper
84	100		
49	118.8	107.8	161.8
51	38.5	32.8	49.2
86	53.2	50.6	75.8



#25
2-Butanone
Concen: 11.748 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.007 min
Lab File: VY006768.D
Acq: 16 Nov 2021 17:48

Tgt Ion:	43	Resp:	165
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.9	28.3#

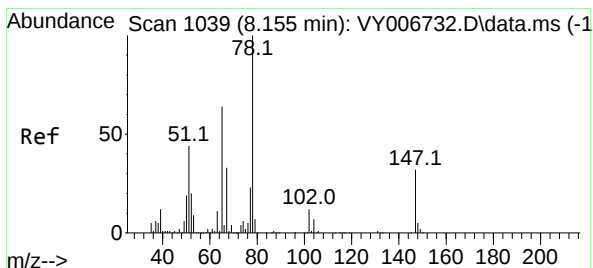
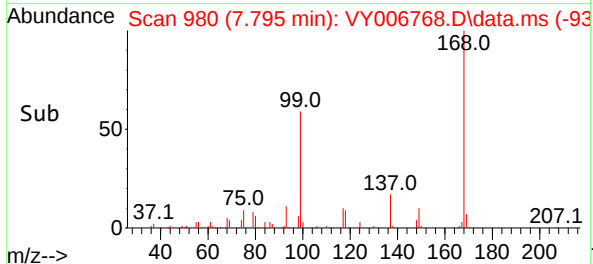
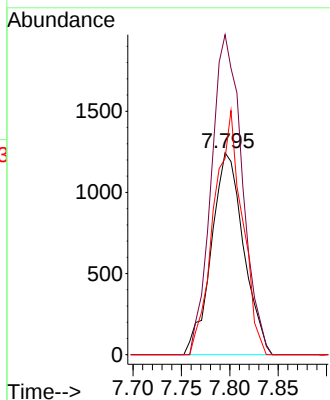
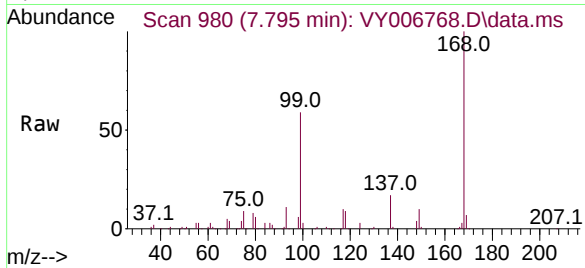




#31
Cyclohexane
Concen: 1.141 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006768.D
Acq: 16 Nov 2021 17:48

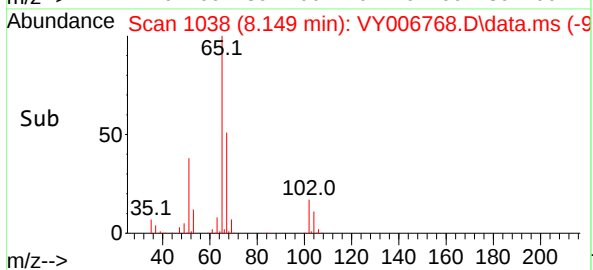
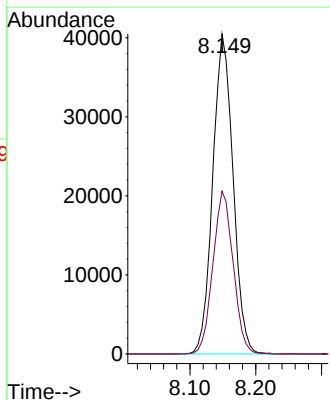
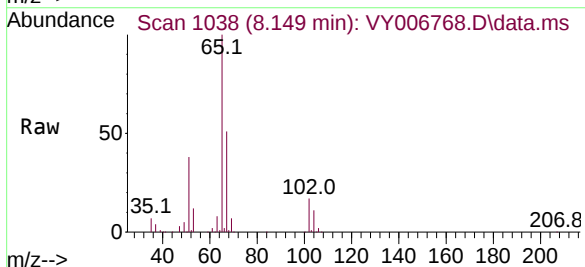
Instrument :
MSVOA_Y
ClientSampleId :
PARKINGLOT-TOP-U-SP-1-3

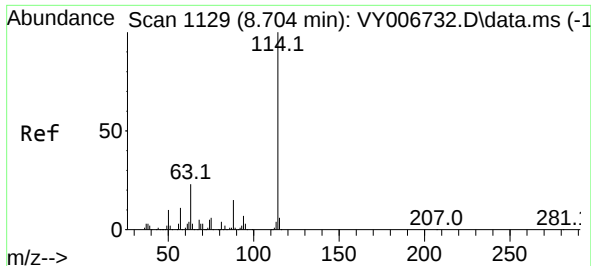
Tgt Ion: 56 Resp: 2886
Ion Ratio Lower Upper
56 100
69 158.5 26.6 40.0#
84 97.2 65.0 97.4



#33
1,2-Dichloroethane-d4
Concen: 60.357 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006768.D
Acq: 16 Nov 2021 17:48

Tgt Ion: 65 Resp: 86833
Ion Ratio Lower Upper
65 100
67 50.9 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006768.D

Acq: 16 Nov 2021 17:48

Instrument :

MSVOA_Y

ClientSampleId :

PARKINGLOT-TOP-U-SP-1-3

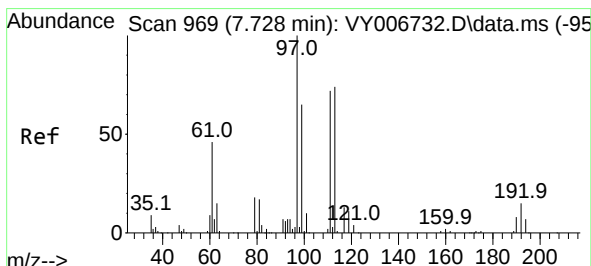
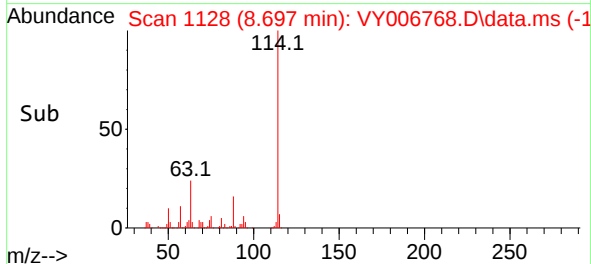
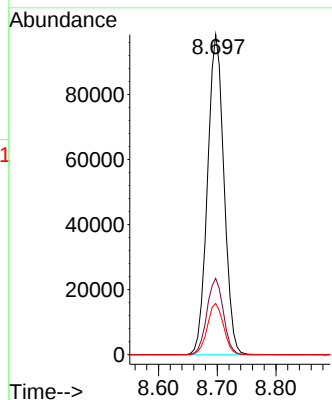
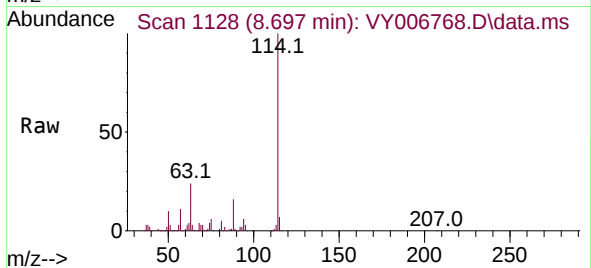
Tgt Ion:114 Resp: 190833

Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.0

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.884 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY006768.D

Acq: 16 Nov 2021 17:48

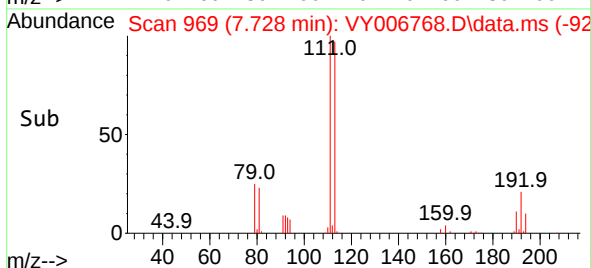
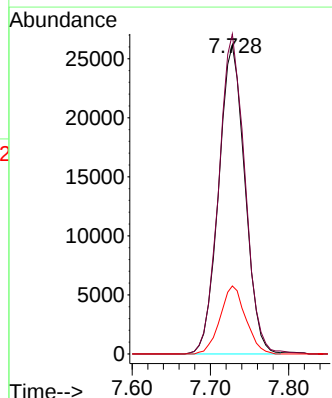
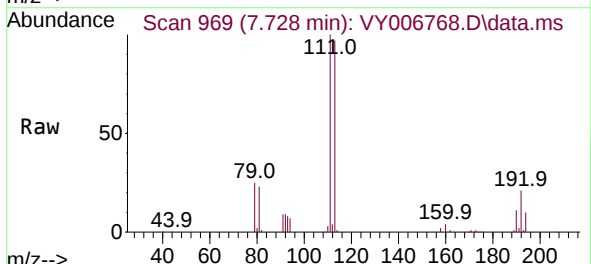
Tgt Ion:113 Resp: 60817

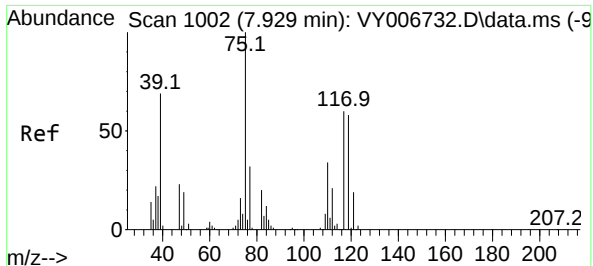
Ion Ratio Lower Upper

113 100

111 103.4 82.3 123.5

192 21.4 17.4 26.2





#36

1,1-Dichloropropene

Concen: 4.424 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY006768.D

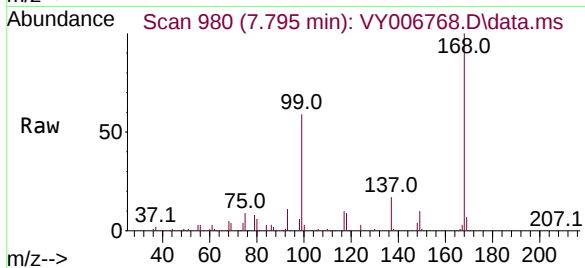
Acq: 16 Nov 2021 17:48

Instrument :

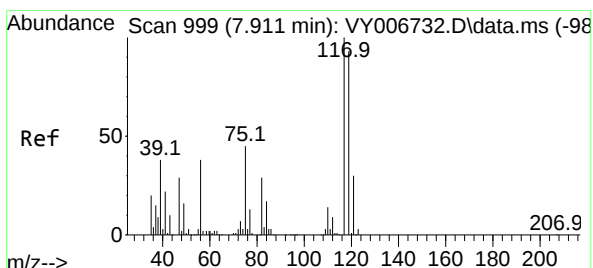
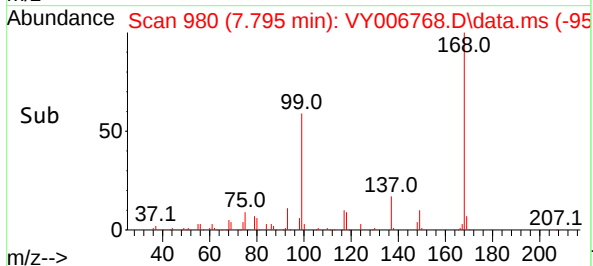
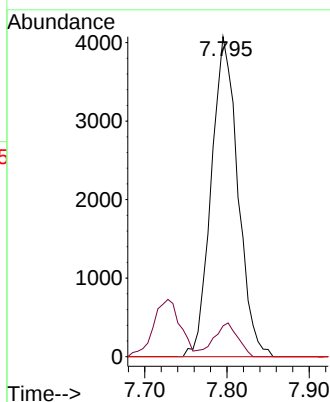
MSVOA_Y

ClientSampleId :

PARKINGLOT-TOP-U-SP-1-3



Tgt Ion:	75	Resp:	9176
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.1	51.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 5.368 ug/l

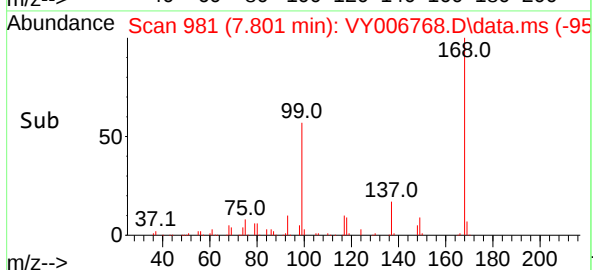
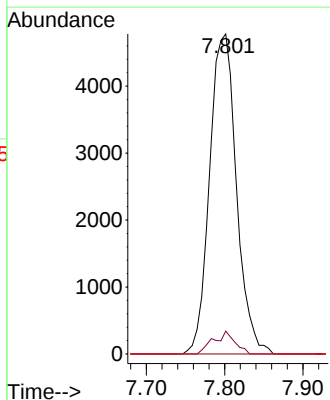
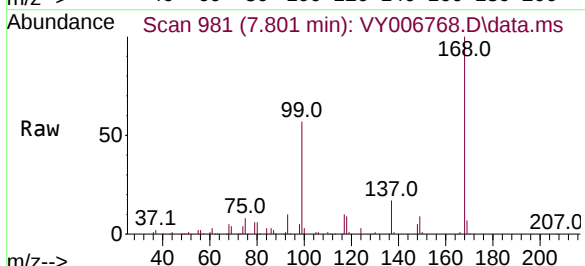
RT: 7.801 min Scan# 981

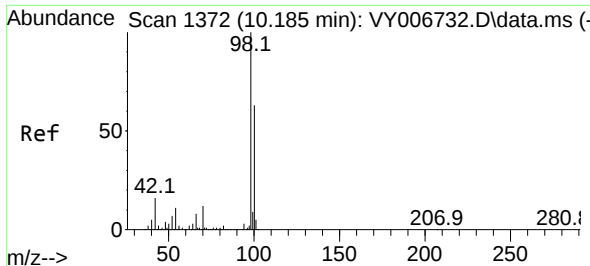
Delta R.T. -0.110 min

Lab File: VY006768.D

Acq: 16 Nov 2021 17:48

Tgt Ion:	117	Resp:	11388
Ion	Ratio	Lower	Upper
117	100		
119	7.2	76.6	115.0#
121	0.0	24.7	37.1#

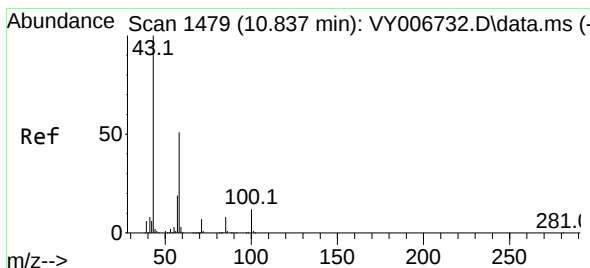
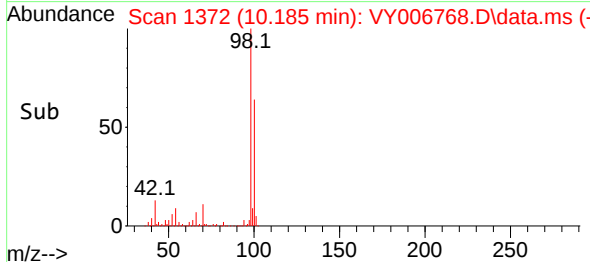
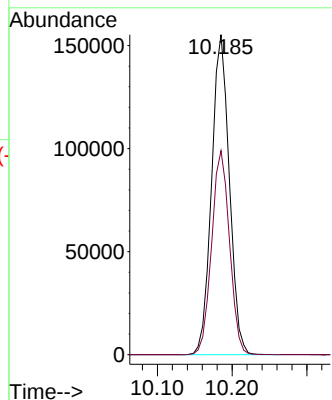
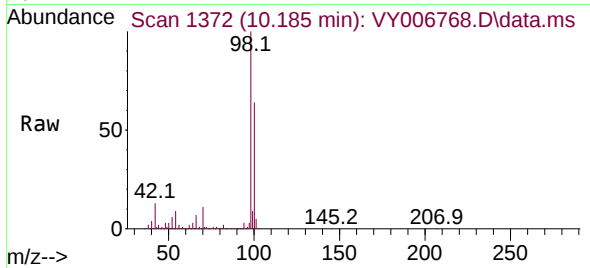




#50
Toluene-d8
Concen: 52.847 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006768.D
Acq: 16 Nov 2021 17:48

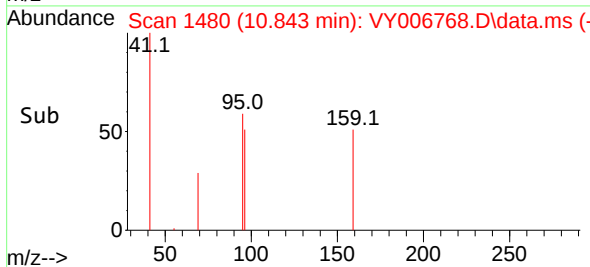
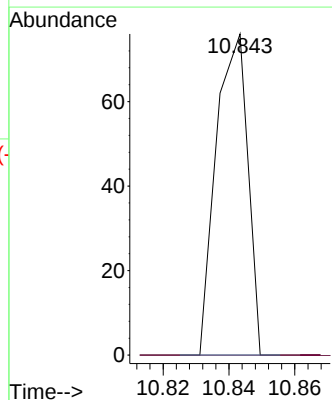
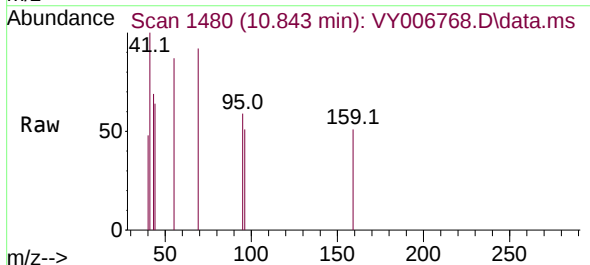
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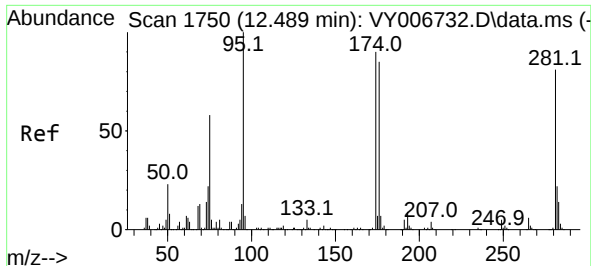
Tgt Ion: 98 Resp: 256340
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



#59
2-Hexanone
Concen: 23.861 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY006768.D
Acq: 16 Nov 2021 17:48

Tgt Ion: 43 Resp: 50
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

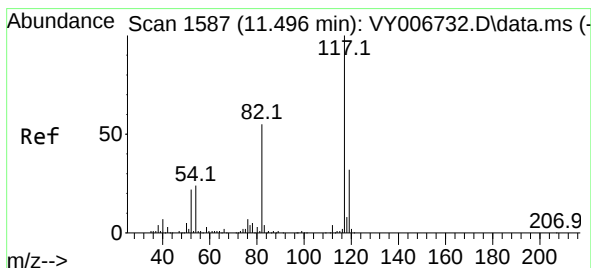
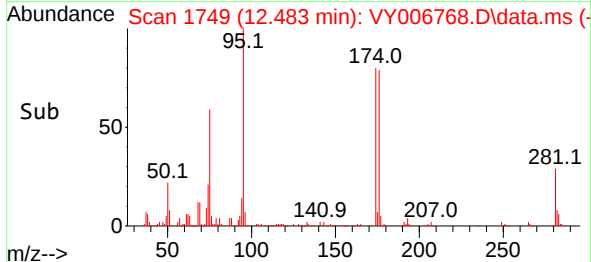
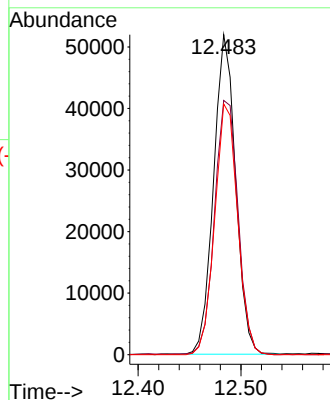
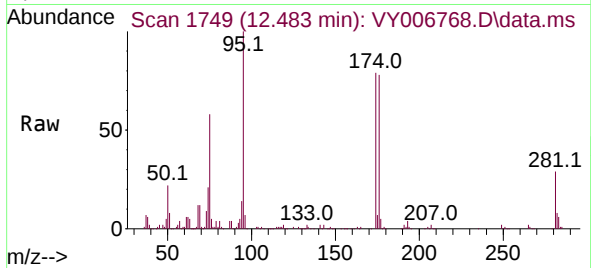




#62
4-Bromofluorobenzene
Concen: 47.238 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006768.D
Acq: 16 Nov 2021 17:48

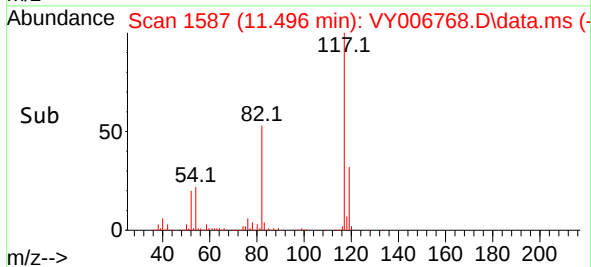
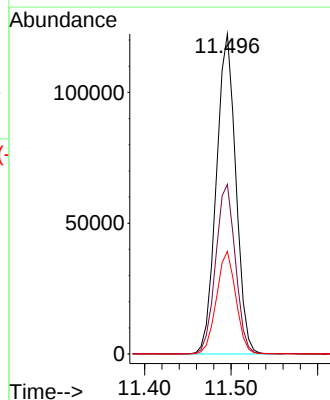
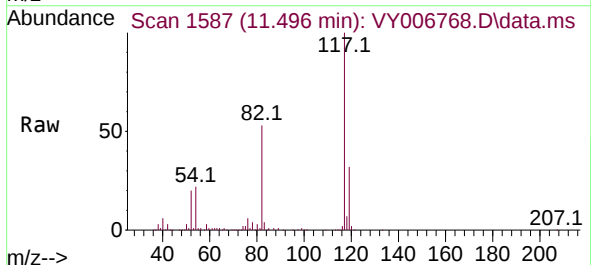
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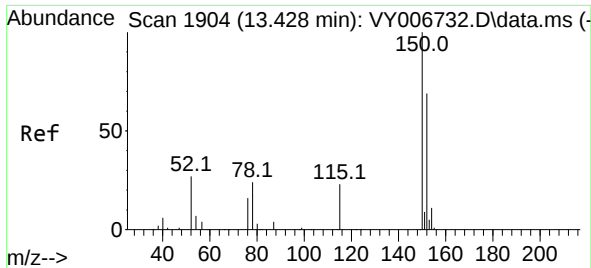
Tgt Ion: 95 Resp: 77245
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 81.3 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006768.D
Acq: 16 Nov 2021 17:48

Tgt Ion: 117 Resp: 191144
Ion Ratio Lower Upper
117 100
82 52.9 45.7 68.5
119 32.1 25.5 38.3

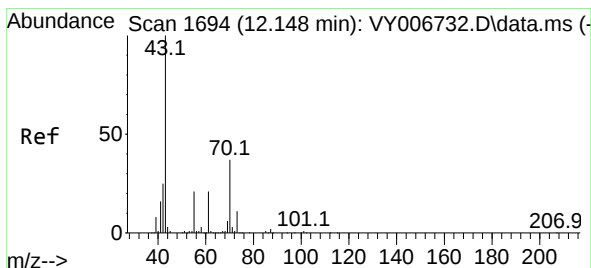
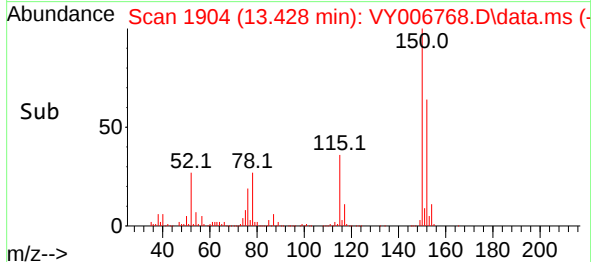
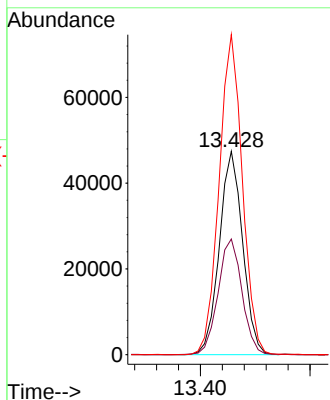
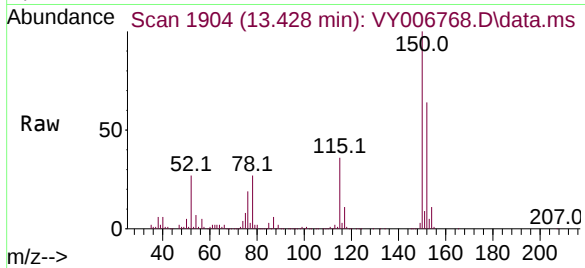




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006768.D
Acq: 16 Nov 2021 17:48

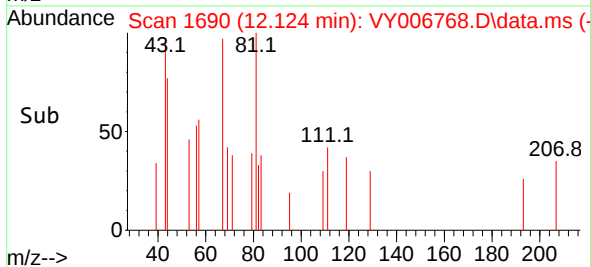
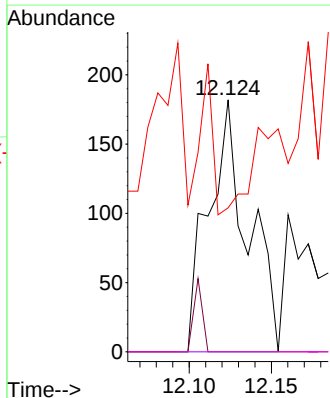
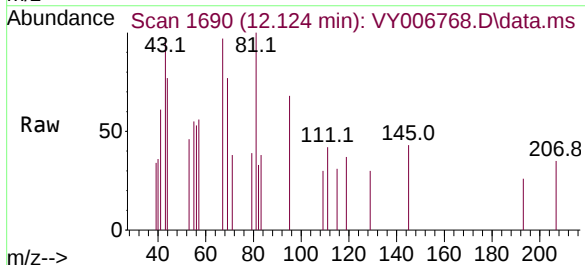
Instrument :
MSVOA_Y
ClientSampleId :
PARKINGLOT-TOP-U-SP-1-3

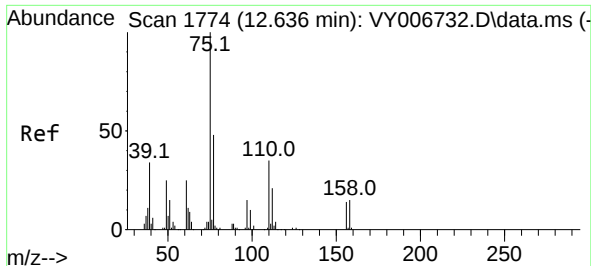
Tgt Ion:152 Resp: 70023
Ion Ratio Lower Upper
152 100
115 58.4 28.5 85.5
150 157.2 0.0 348.2



#74
N-ethyl acetate
Concen: 3.302 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.024 min
Lab File: VY006768.D
Acq: 16 Nov 2021 17:48

Tgt Ion: 43 Resp: 303
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.0#
55 26.1 18.1 27.1
61 0.0 17.6 26.4#

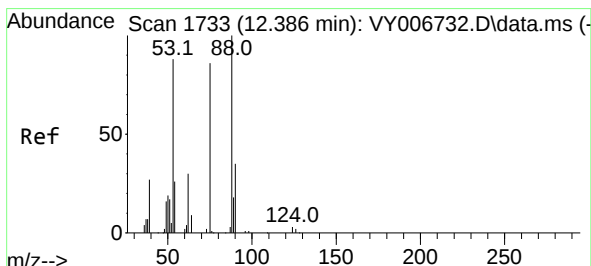
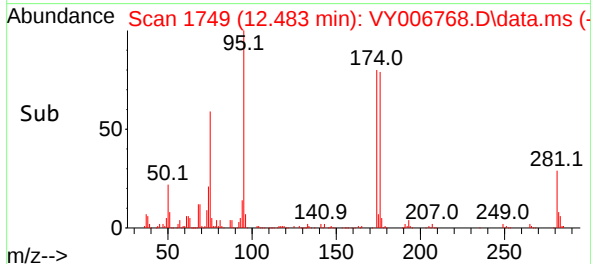
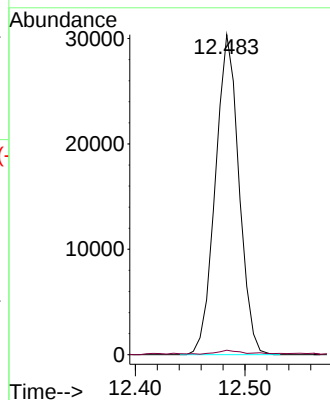
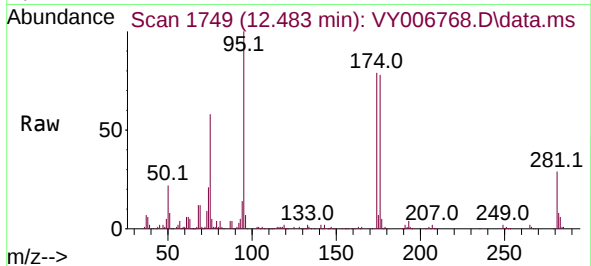




#76
1,2,3-Trichloropropane
Concen: 59.789 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006768.D
Acq: 16 Nov 2021 17:48

Instrument :
MSVOA_Y
ClientSampleId :
PARKINGLOT-TOP-U-SP-1-3

Tgt Ion: 75 Resp: 45518
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.471 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY006768.D
Acq: 16 Nov 2021 17:48

Tgt Ion: 75 Resp: 45518
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.5 39.3 58.9#

