

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016206.D
 Acq On : 03 Nov 2023 11:39
 Operator : SY/MD
 Sample : 05213-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 03 23:00:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	75579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	133253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	123422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	56527	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	45238	63.966	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.940%
35) Dibromofluoromethane	7.722	113	39855	50.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.340%
50) Toluene-d8	10.185	98	154307	48.991	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.980%
62) 4-Bromofluorobenzene	12.489	95	53253	49.444	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.880%

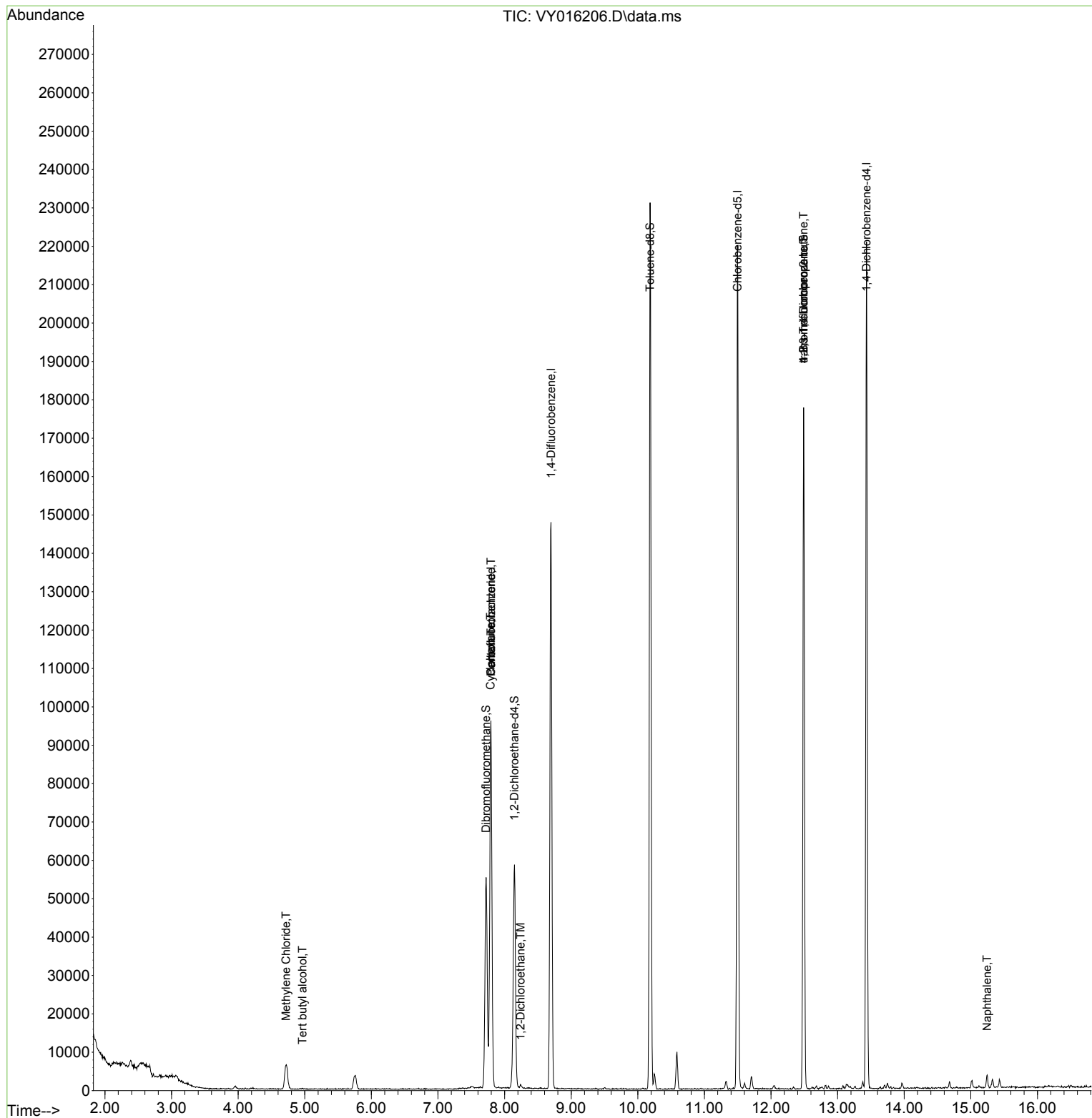
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.966	59	108	2.044	ug/l	# 89
13) Acrolein	3.735	56	20	Below Cal		# 1
16) Acetone	3.960	43	1137	Below Cal		100
20) Methylene Chloride	4.716	84	5547	4.968	ug/l	# 84
31) Cyclohexane	7.789	56	1464	1.347	ug/l	# 1
38) Carbon Tetrachloride	7.795	117	7344	6.462	ug/l	# 16
42) 1,2-Dichloroethane	8.240	62	924	1.005	ug/l	85
76) 1,2,3-Trichloropropane	12.489	75	27668	51.976	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.489	75	27668	112.697	ug/l	# 10
95) Naphthalene	15.245	128	3155	1.604	ug/l	97

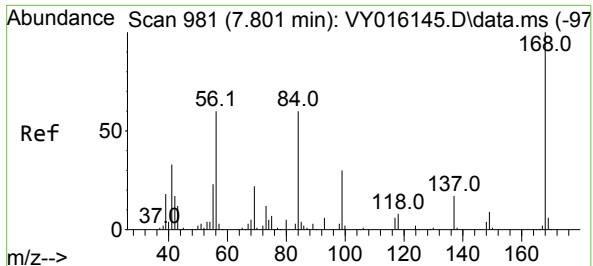
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :

Quant Time: Nov 03 23:00:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

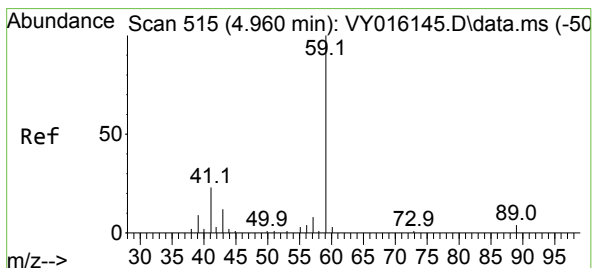
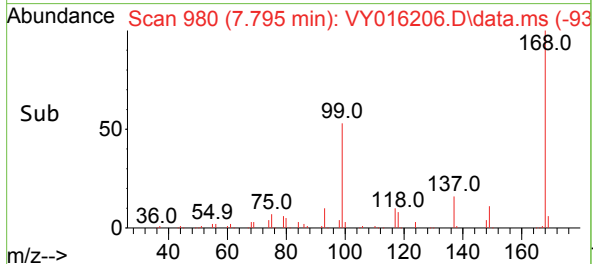
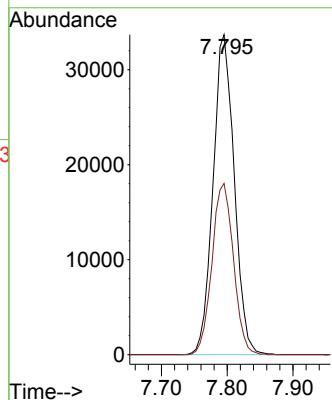
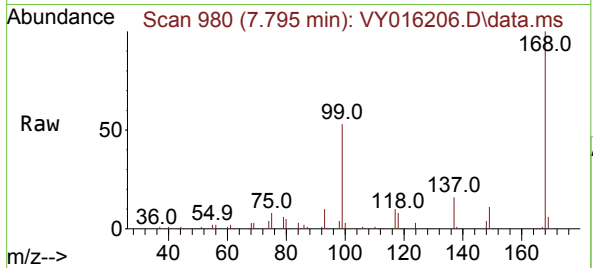




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016206.D
Acq: 03 Nov 2023 11:39

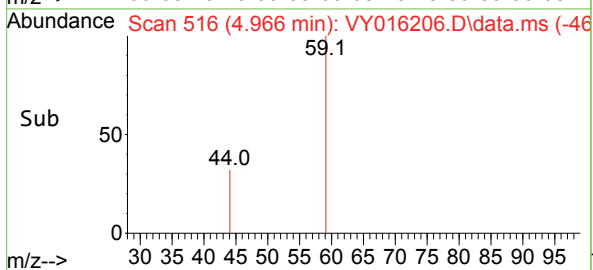
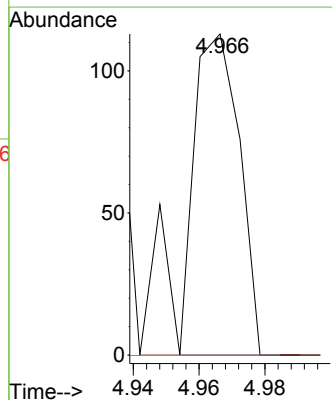
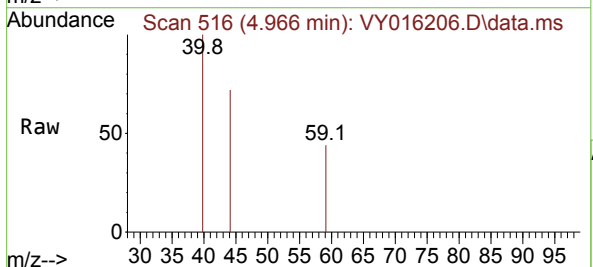
Instrument :
MSVOA_Y
ClientSampleId :

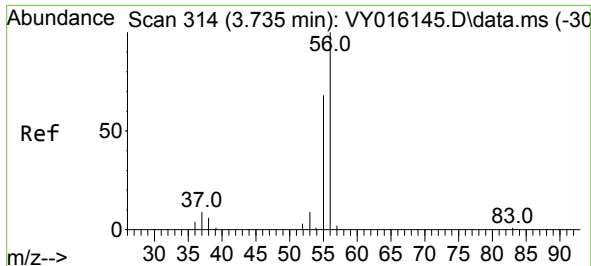
Tgt Ion:168 Resp: 75579
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#11
Tert butyl alcohol
Concen: 2.044 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY016206.D
Acq: 03 Nov 2023 11:39

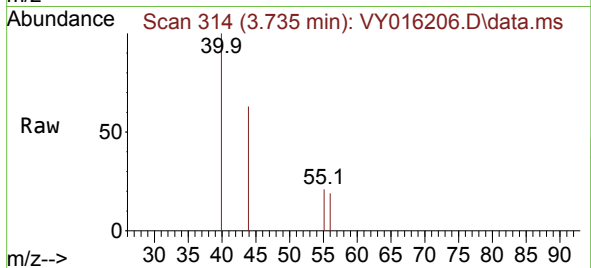
Tgt Ion: 59 Resp: 108
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



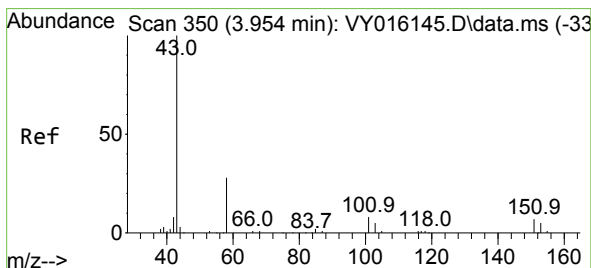
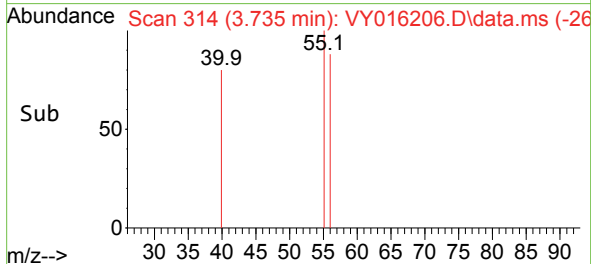
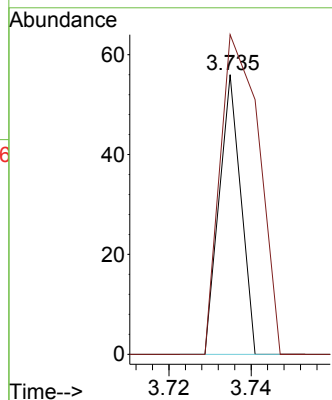


#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY016206.D
Acq: 03 Nov 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :

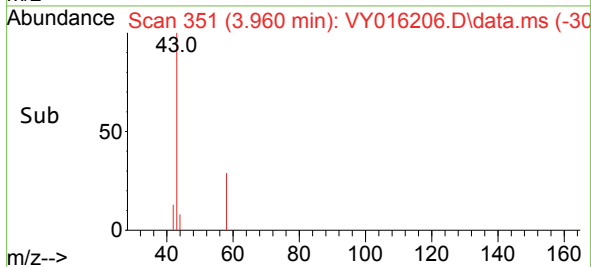
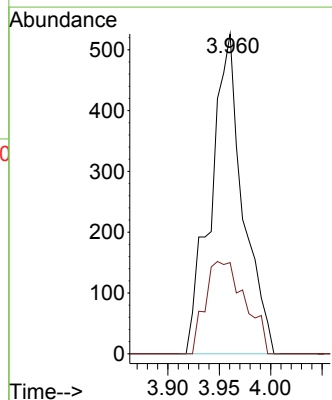
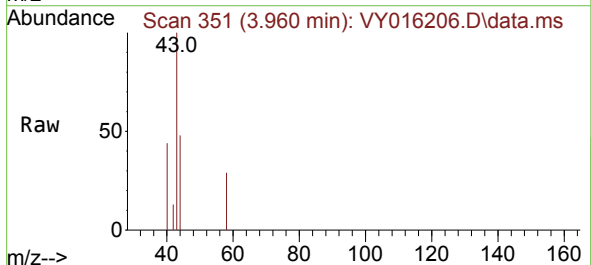


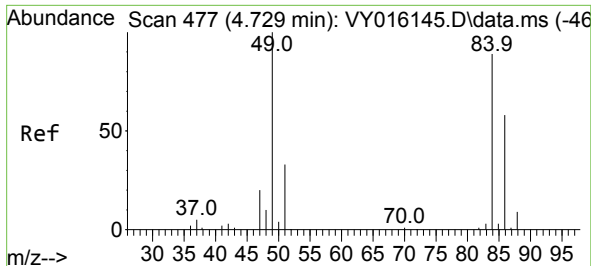
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 210.0 57.0 85.4#



#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY016206.D
Acq: 03 Nov 2023 11:39

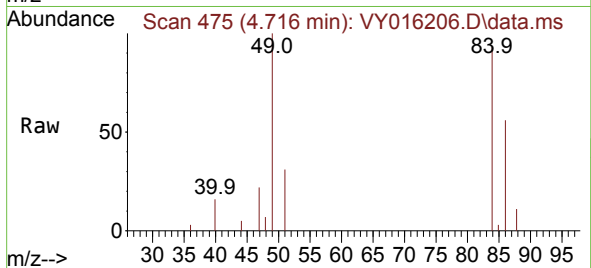
Tgt Ion: 43 Resp: 1137
Ion Ratio Lower Upper
43 100
58 28.5 22.7 34.1



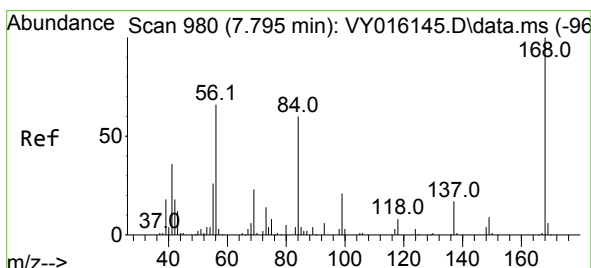
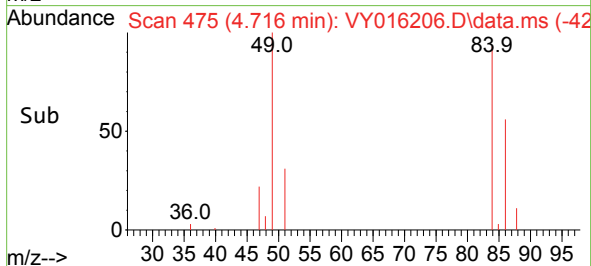
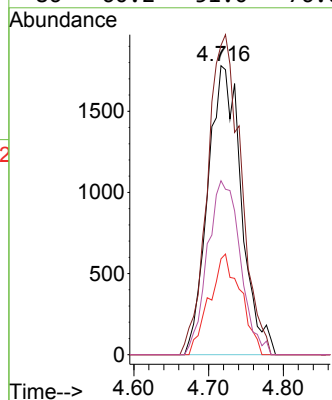


#20
Methylene Chloride
Concen: 4.968 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY016206.D
Acq: 03 Nov 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :

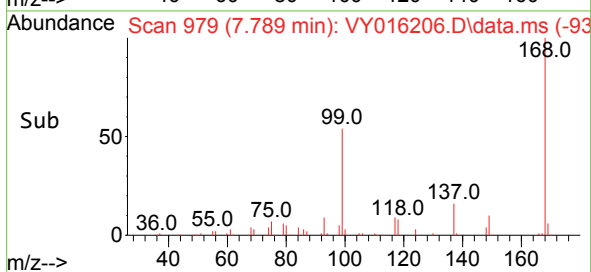
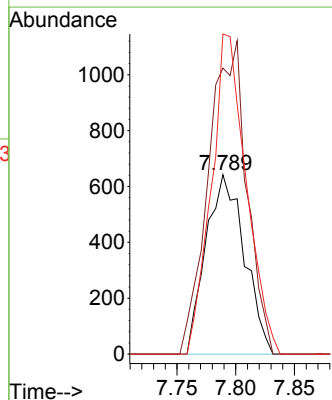
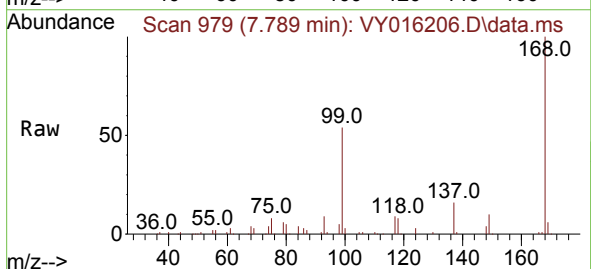


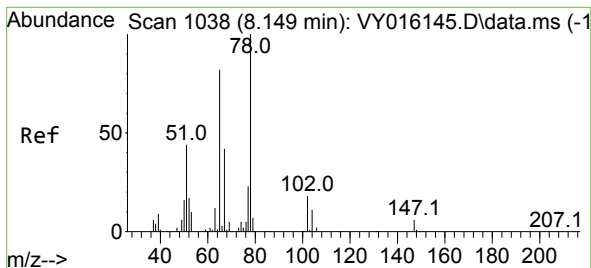
Tgt Ion:	84	Resp:	5547
Ion	Ratio	Lower	Upper
84	100		
49	107.0	106.9	160.3
51	33.2	33.2	49.8#
86	60.2	51.0	76.6



#31
Cyclohexane
Concen: 1.347 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY016206.D
Acq: 03 Nov 2023 11:39

Tgt Ion:	56	Resp:	1464
Ion	Ratio	Lower	Upper
56	100		
69	159.5	27.8	41.6#
84	178.5	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 63.966 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016206.D

Acq: 03 Nov 2023 11:39

Instrument :

MSVOA_Y

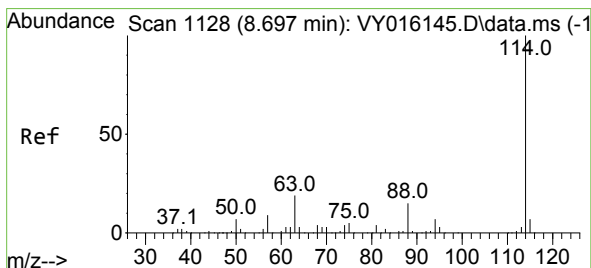
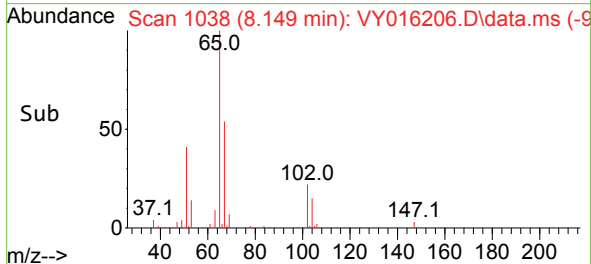
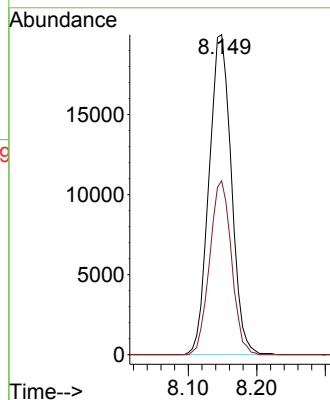
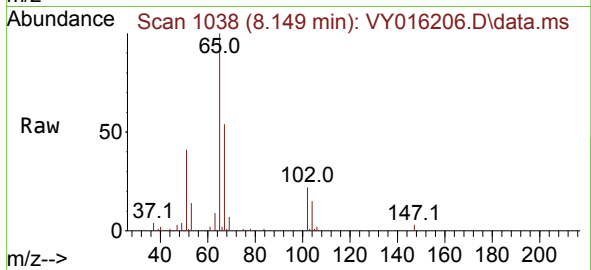
ClientSampleId :

Tgt Ion: 65 Resp: 45238

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY016206.D

Acq: 03 Nov 2023 11:39

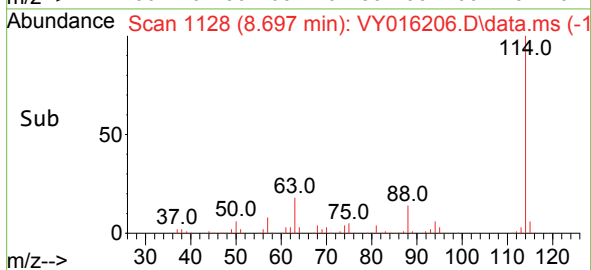
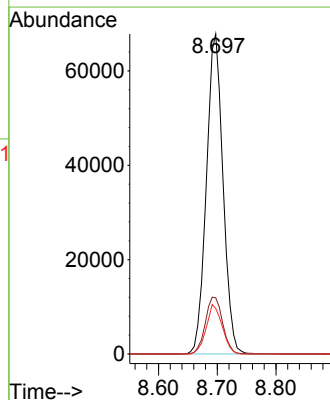
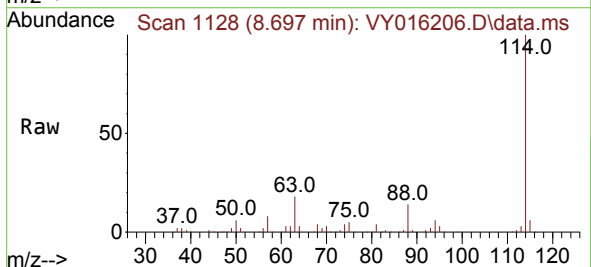
Tgt Ion: 114 Resp: 133253

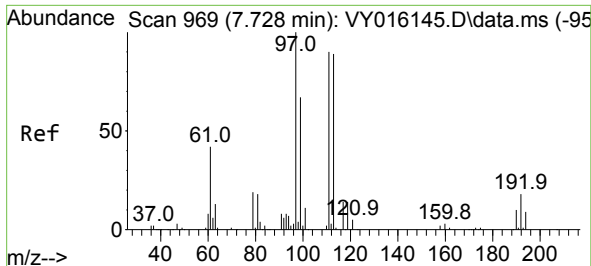
Ion Ratio Lower Upper

114 100

63 17.6 0.0 42.4

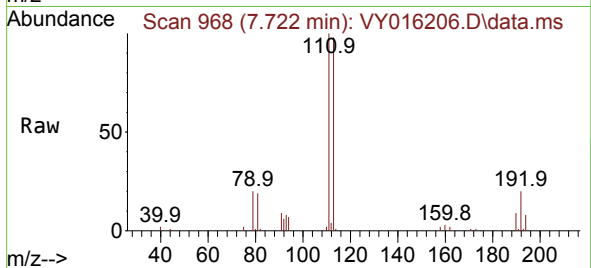
88 14.2 0.0 30.6



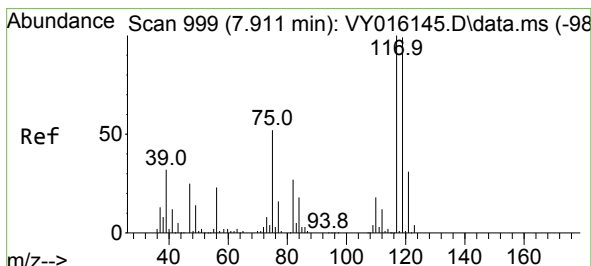
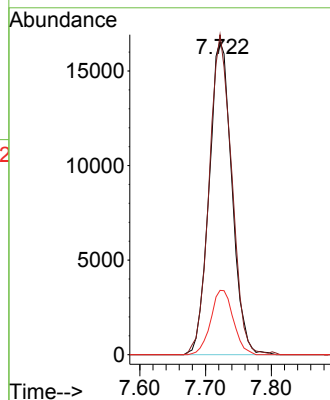
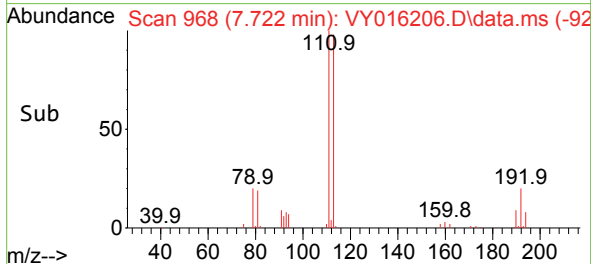


#35
Dibromofluoromethane
Concen: 50.169 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016206.D
Acq: 03 Nov 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :

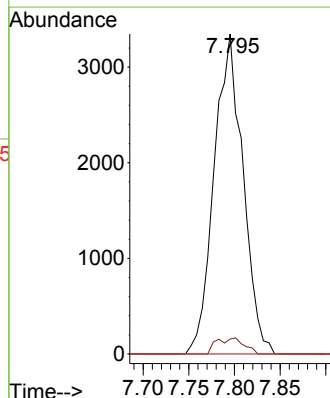
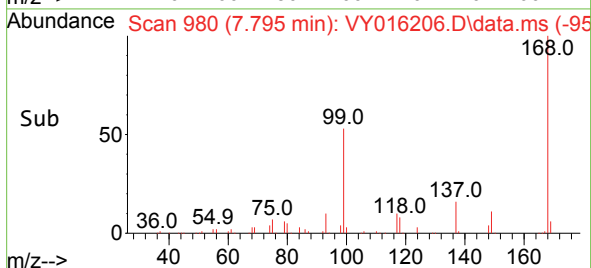
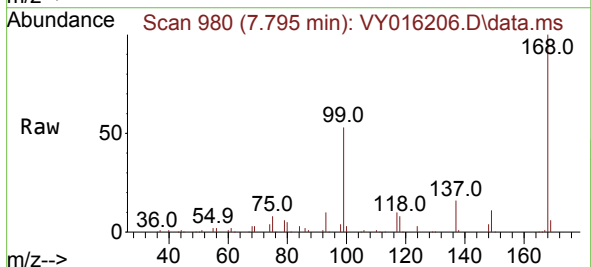


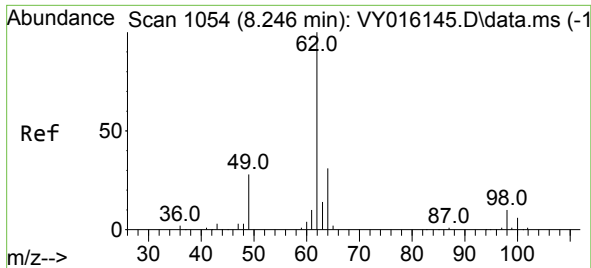
Tgt Ion:113 Resp: 39855
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 20.4 16.9 25.3



#38
Carbon Tetrachloride
Concen: 6.462 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY016206.D
Acq: 03 Nov 2023 11:39

Tgt Ion:117 Resp: 7344
Ion Ratio Lower Upper
117 100
119 4.7 76.4 114.6#
121 0.0 25.8 38.6#

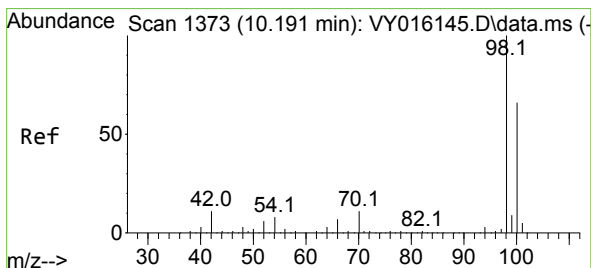
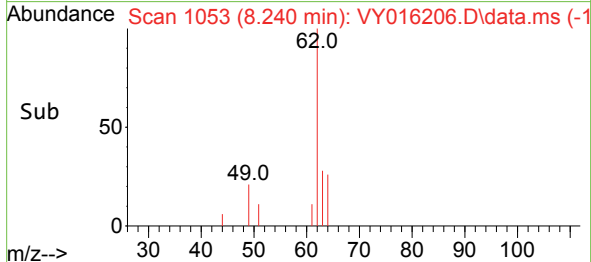
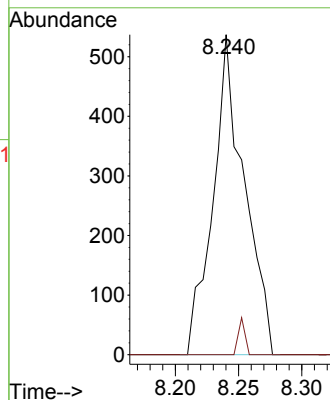
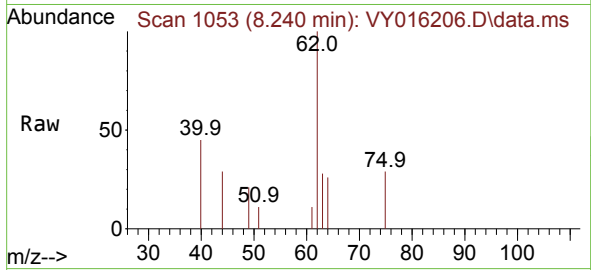




#42
1,2-Dichloroethane
Concen: 1.005 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY016206.D
Acq: 03 Nov 2023 11:39

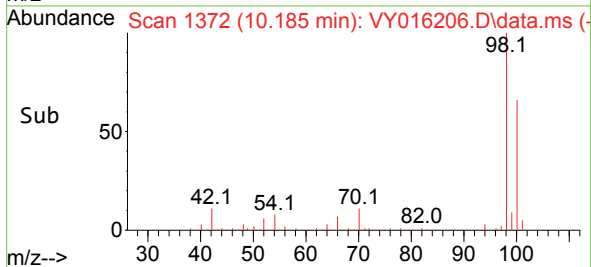
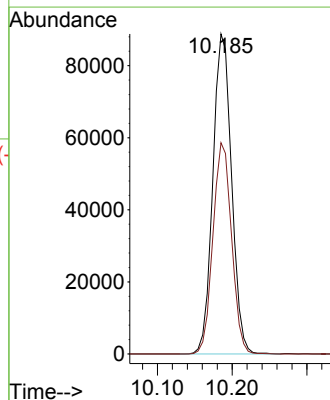
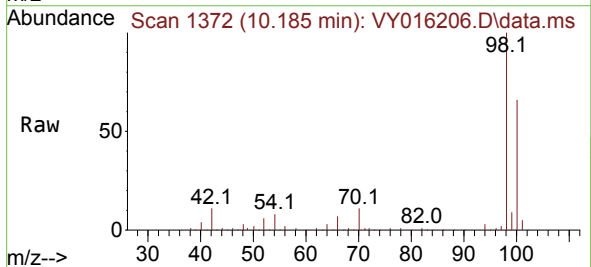
Instrument :
MSVOA_Y
ClientSampleId :

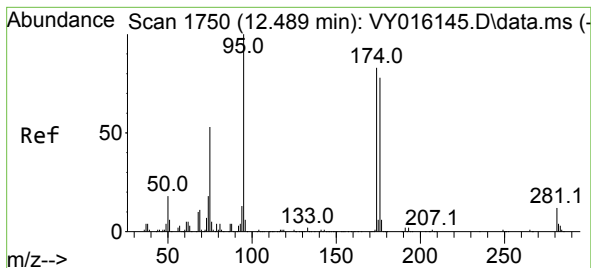
Tgt Ion: 62 Resp: 924
Ion Ratio Lower Upper
62 100
98 2.5 0.0 15.8



#50
Toluene-d8
Concen: 48.991 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016206.D
Acq: 03 Nov 2023 11:39

Tgt Ion: 98 Resp: 154307
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

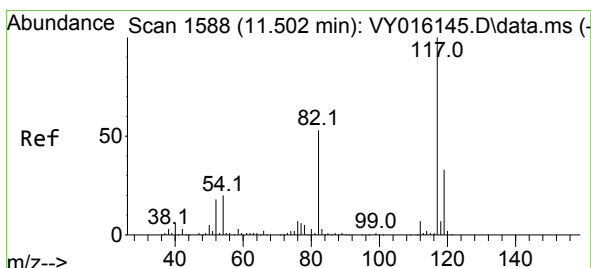
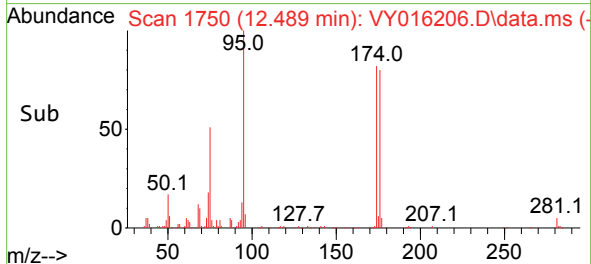
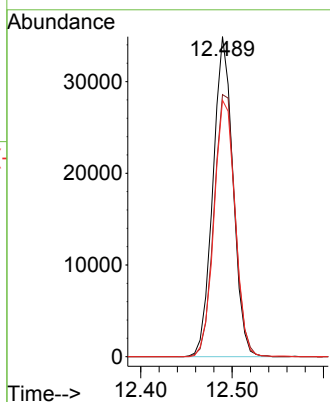
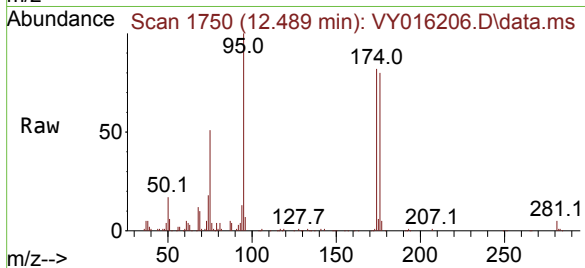




#62
4-Bromofluorobenzene
Concen: 49.444 ug/l
RT: 12.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY016206.D
Acq: 03 Nov 2023 11:39

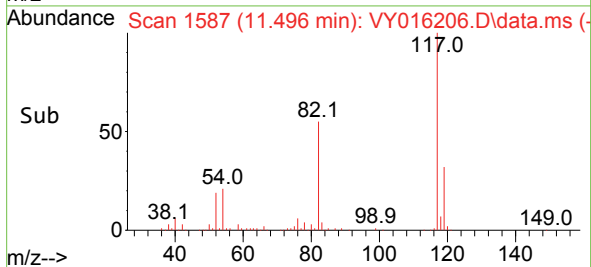
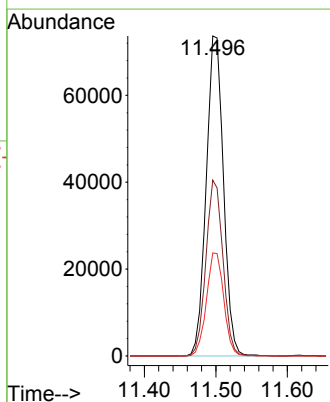
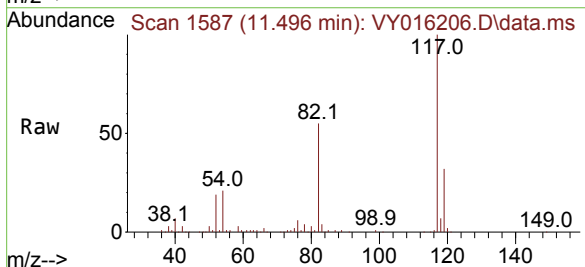
Instrument :
MSVOA_Y
ClientSampleId :

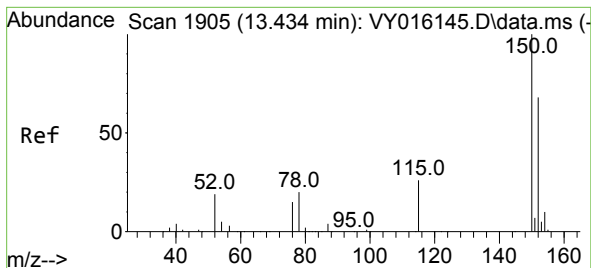
Tgt Ion: 95 Resp: 53253
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 84.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016206.D
Acq: 03 Nov 2023 11:39

Tgt Ion: 117 Resp: 123422
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 32.2 26.3 39.5

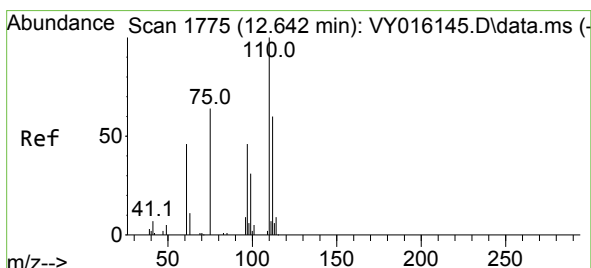
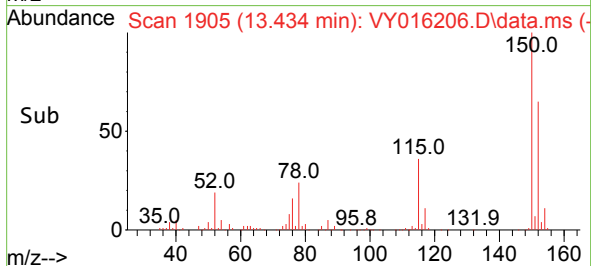
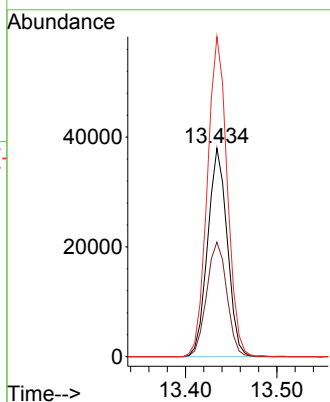
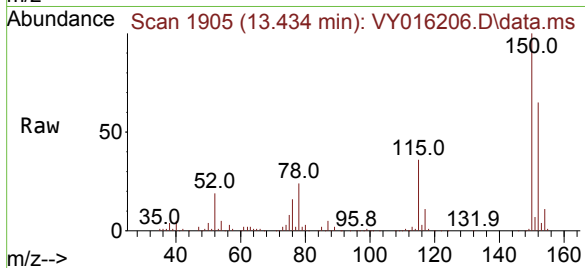




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY016206.D
 Acq: 03 Nov 2023 11:39

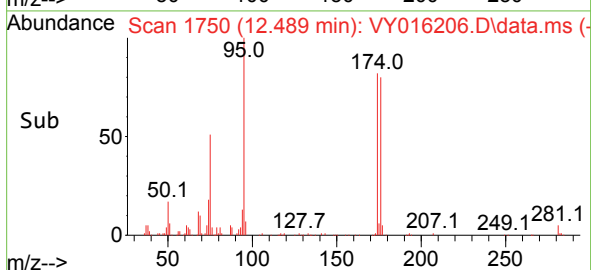
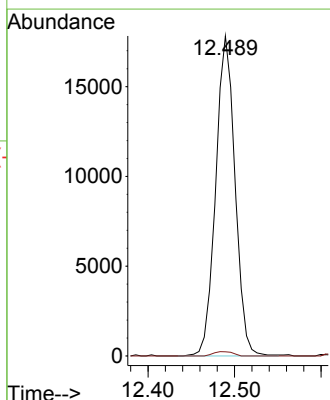
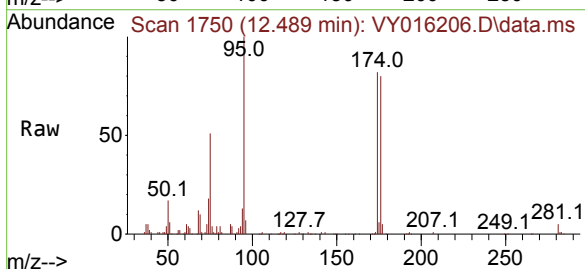
Instrument :
 MSVOA_Y
 ClientSampleId :

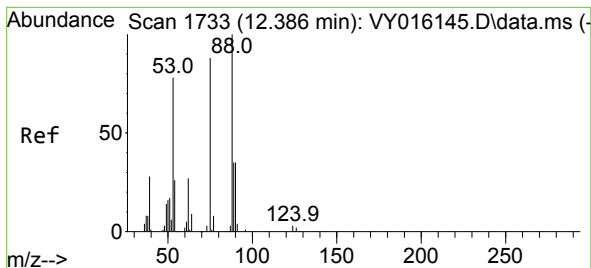
Tgt Ion:152 Resp: 56527
 Ion Ratio Lower Upper
 152 100
 115 56.6 28.8 86.5
 150 155.7 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 51.976 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.152 min
 Lab File: VY016206.D
 Acq: 03 Nov 2023 11:39

Tgt Ion: 75 Resp: 27668
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

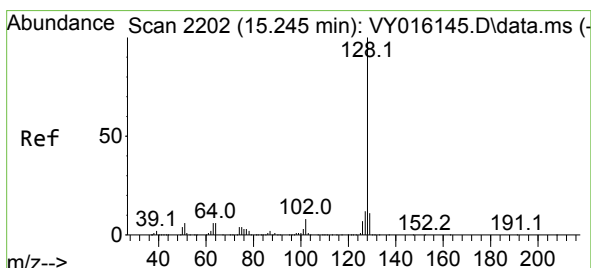
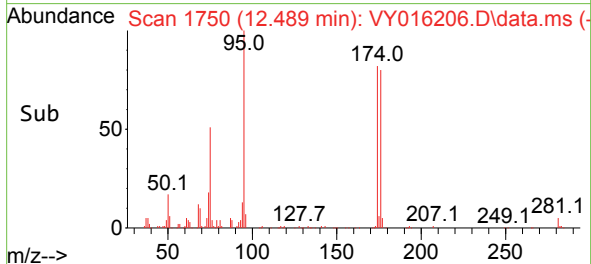
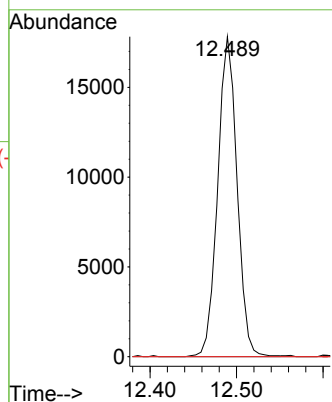
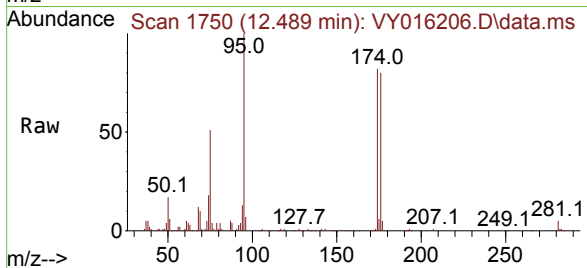




#81
trans-1,4-Dichloro-2-butene
Concen: 112.697 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY016206.D
Acq: 03 Nov 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 27668
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 1.604 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY016206.D
Acq: 03 Nov 2023 11:39

Tgt Ion:128 Resp: 3155
Ion Ratio Lower Upper
128 100
127 11.8 10.8 16.2
129 11.7 8.6 13.0

