

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016845.D
 Acq On : 26 Dec 2023 11:32
 Operator : SY/MD
 Sample : VY1226SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 27 01:31:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

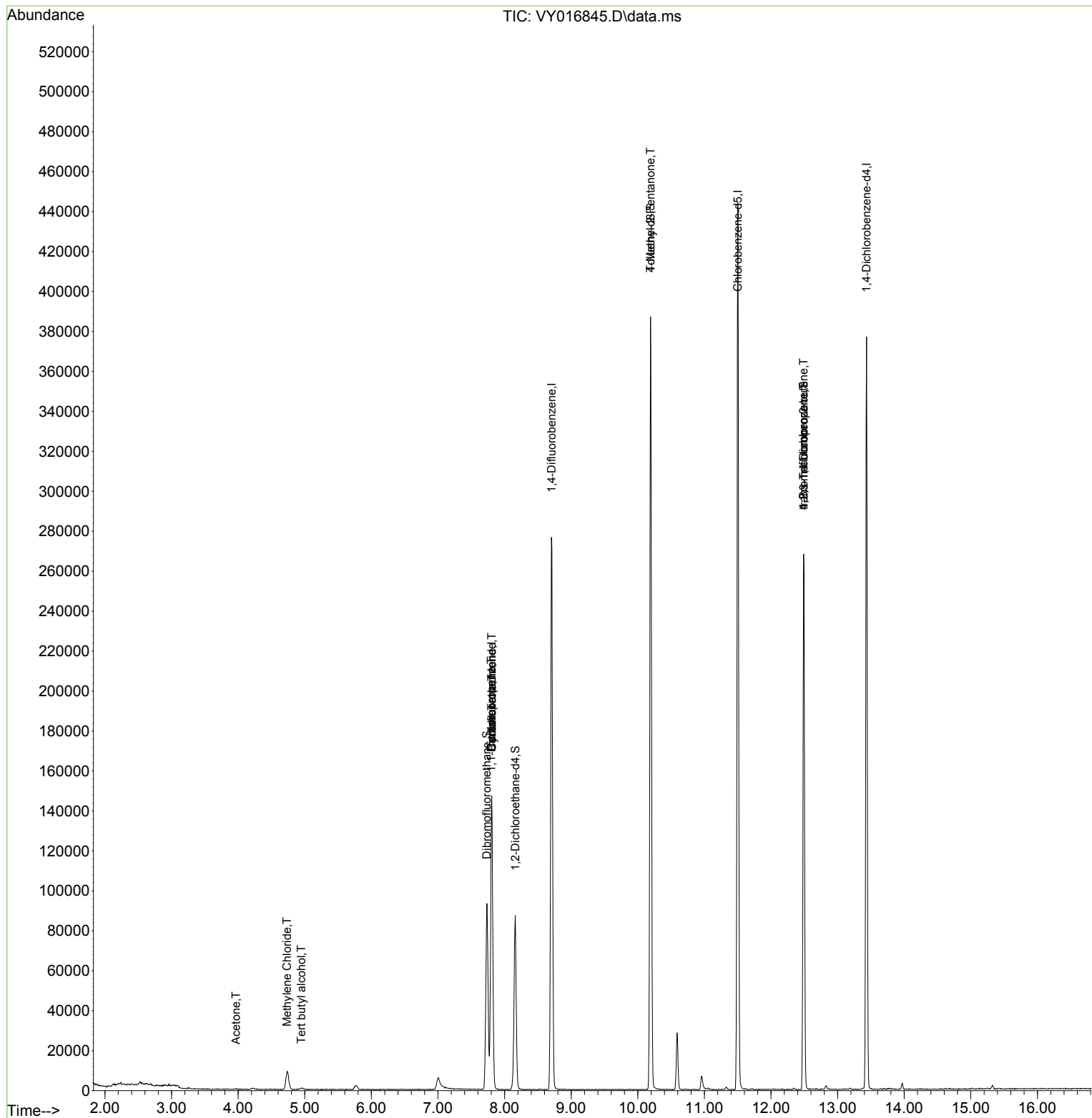
Internal Standards						
1) Pentafluorobenzene	7.807	168	108468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	236825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	235026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	92700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	64207	64.843	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 129.680%	
35) Dibromofluoromethane	7.734	113	67810	49.986	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 99.980%	
50) Toluene-d8	10.191	98	248608	50.836	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134		Recovery	= 101.680%	
62) 4-Bromofluorobenzene	12.489	95	81815	51.567	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143		Recovery	= 103.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	949	11.689	ug/l #	75
16) Acetone	3.966	43	589	2.200	ug/l	97
20) Methylene Chloride	4.735	84	6774	2.137	ug/l	94
31) Cyclohexane	7.807	56	2617	1.379	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	9991	4.594	ug/l #	49
38) Carbon Tetrachloride	7.807	117	11514	5.350	ug/l #	18
51) 4-Methyl-2-Pentanone	10.191	43	1062	1.101	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	42083	41.067	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	42083	96.442	ug/l #	12

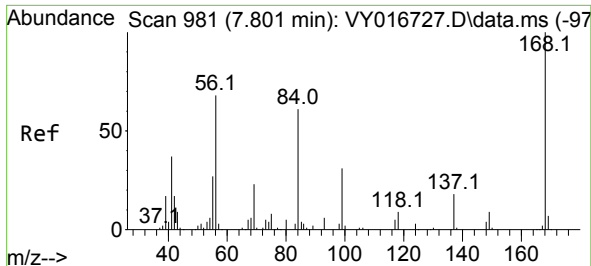
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 27 01:31:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration

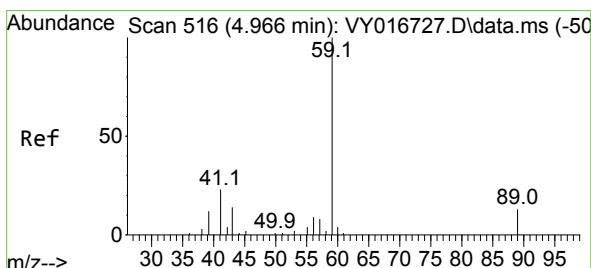
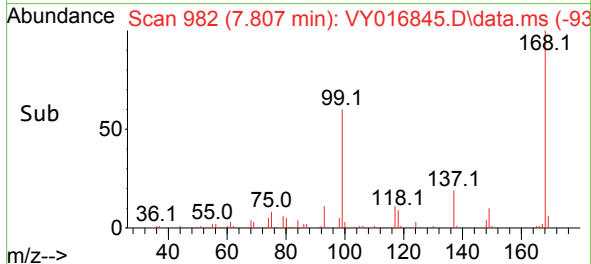
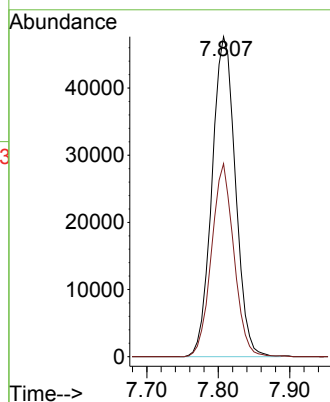
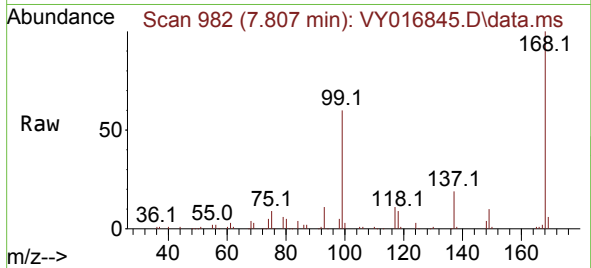




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016845.D
Acq: 26 Dec 2023 11:32

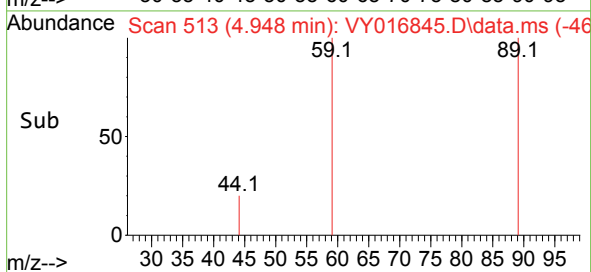
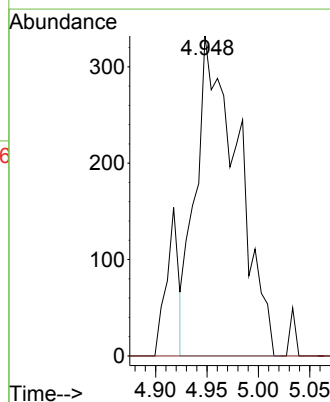
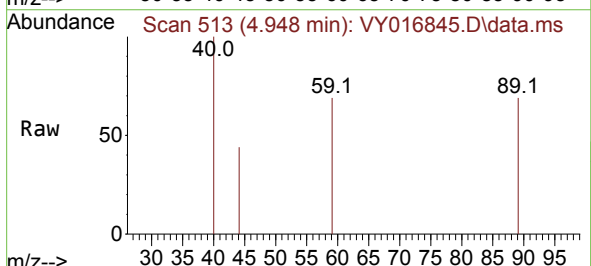
Instrument :
MSVOA_Y
ClientSampleId :

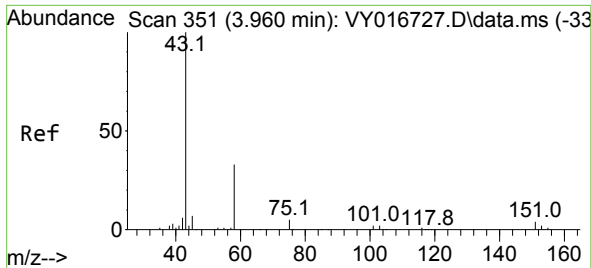
Tgt Ion:168 Resp: 108468
Ion Ratio Lower Upper
168 100
99 60.3 44.2 66.4



#11
Tert butyl alcohol
Concen: 11.689 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY016845.D
Acq: 26 Dec 2023 11:32

Tgt Ion: 59 Resp: 949
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 2.200 ug/l

RT: 3.966 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY016845.D

Acq: 26 Dec 2023 11:32

Instrument :

MSVOA_Y

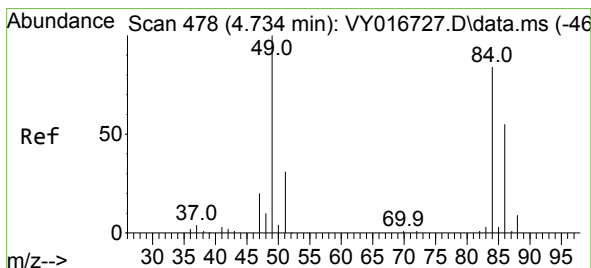
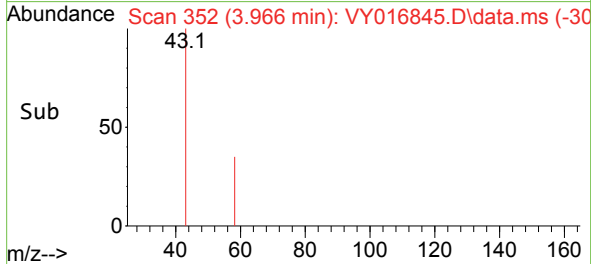
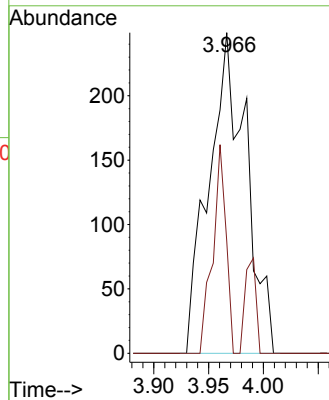
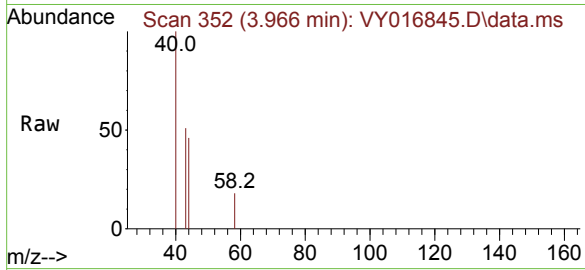
ClientSampleId :

Tgt Ion: 43 Resp: 589

Ion Ratio Lower Upper

43 100

58 34.9 26.6 39.8



#20

Methylene Chloride

Concen: 2.137 ug/l

RT: 4.735 min Scan# 478

Delta R.T. 0.001 min

Lab File: VY016845.D

Acq: 26 Dec 2023 11:32

Tgt Ion: 84 Resp: 6774

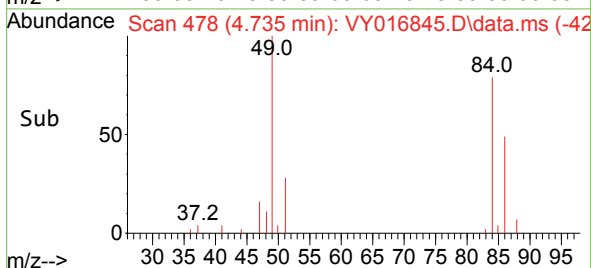
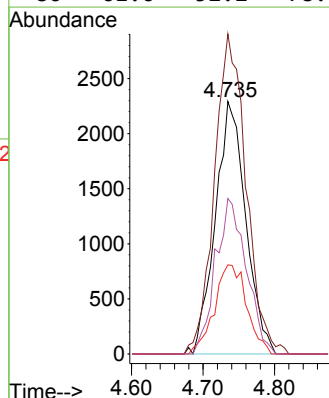
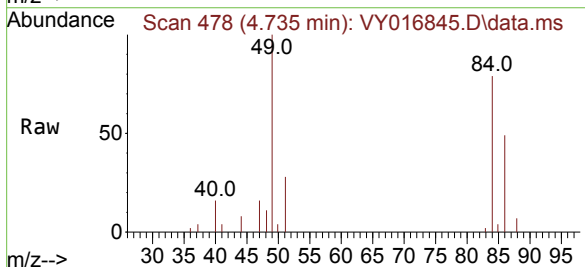
Ion Ratio Lower Upper

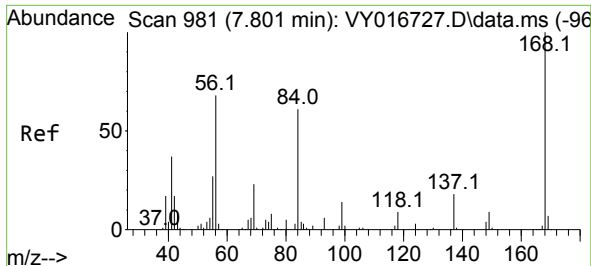
84 100

49 126.7 95.2 142.8

51 35.3 29.9 44.9

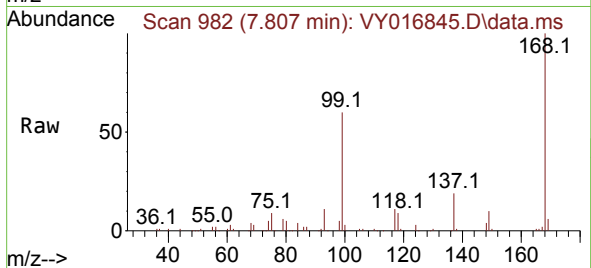
86 61.6 52.2 78.4



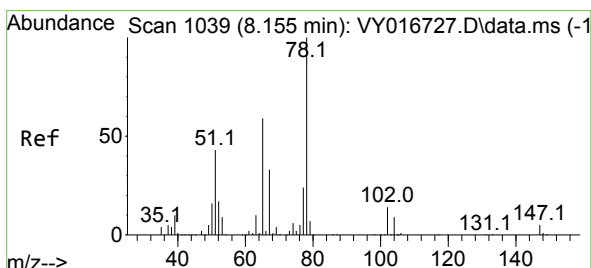
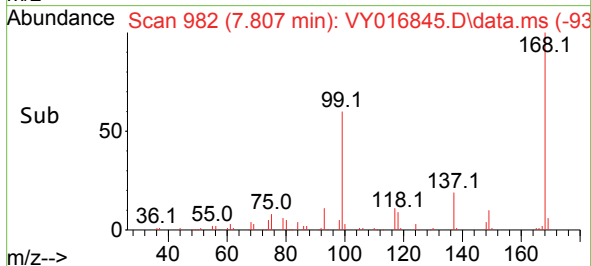
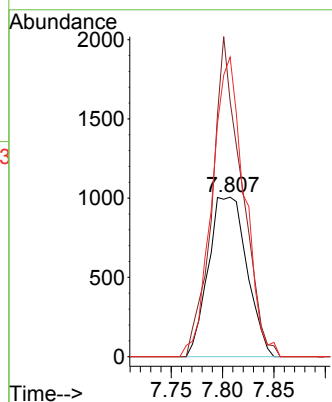


#31
Cyclohexane
Concen: 1.379 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016845.D
Acq: 26 Dec 2023 11:32

Instrument :
MSVOA_Y
ClientSampleId :

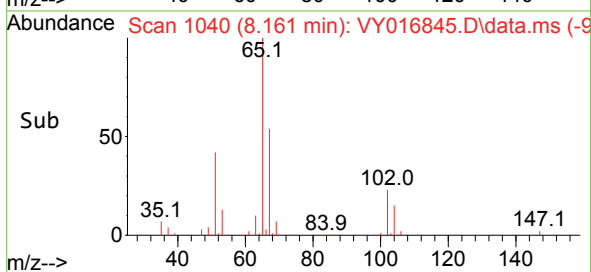
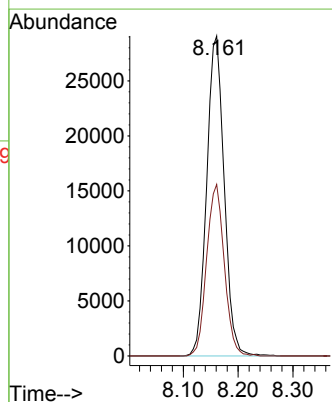
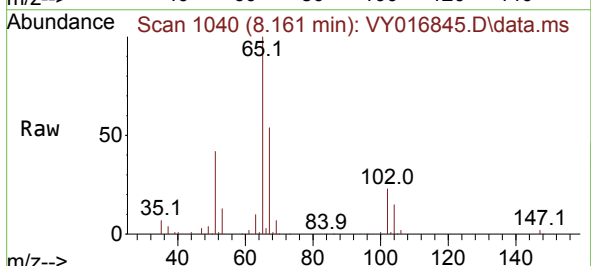


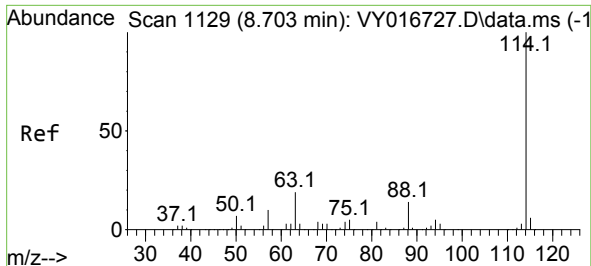
Tgt Ion: 56 Resp: 2617
Ion Ratio Lower Upper
56 100
69 160.2 27.0 40.6#
84 187.9 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 64.843 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016845.D
Acq: 26 Dec 2023 11:32

Tgt Ion: 65 Resp: 64207
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016845.D

Acq: 26 Dec 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

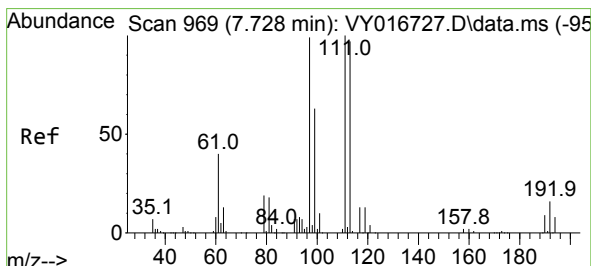
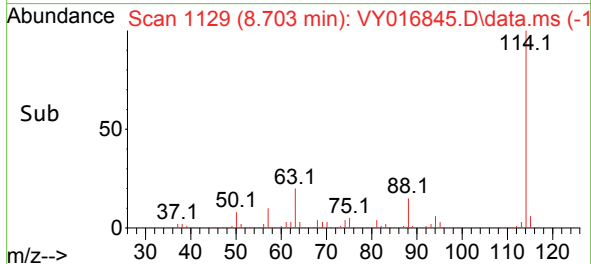
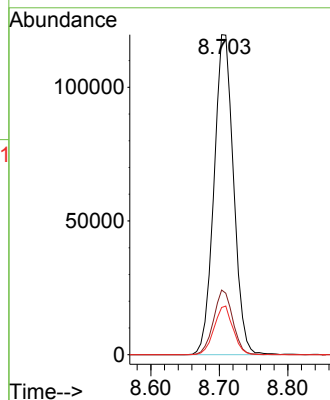
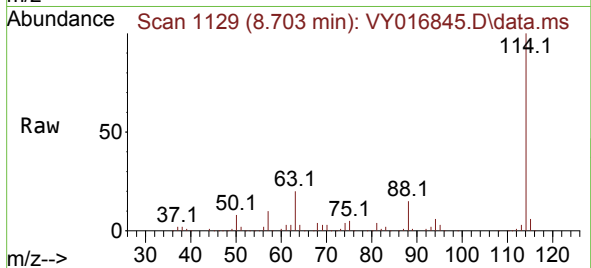
Tgt Ion:114 Resp: 236825

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 49.986 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016845.D

Acq: 26 Dec 2023 11:32

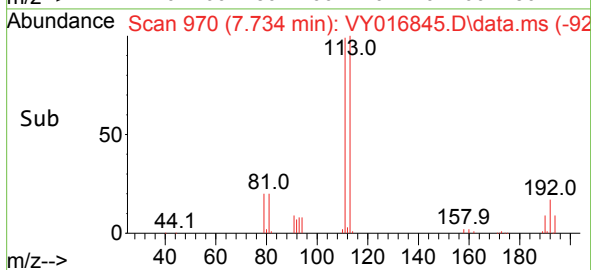
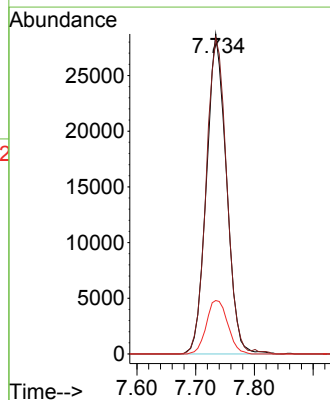
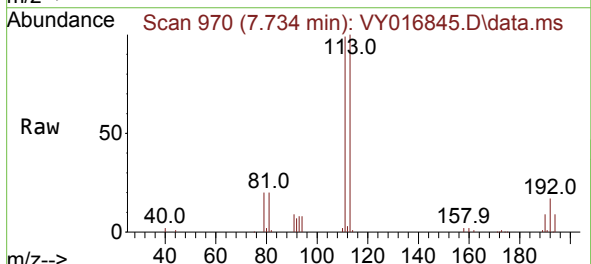
Tgt Ion:113 Resp: 67810

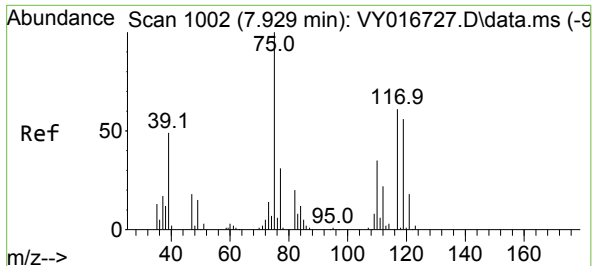
Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 17.9 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.594 ug/l

RT: 7.801 min Scan# 991

Delta R.T. -0.128 min

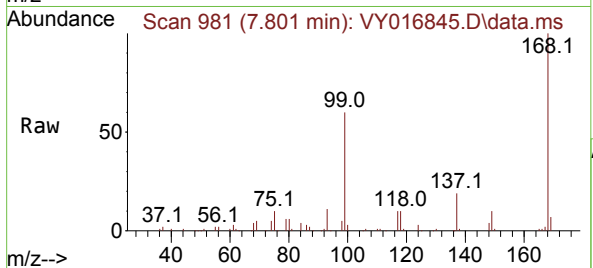
Lab File: VY016845.D

Acq: 26 Dec 2023 11:32

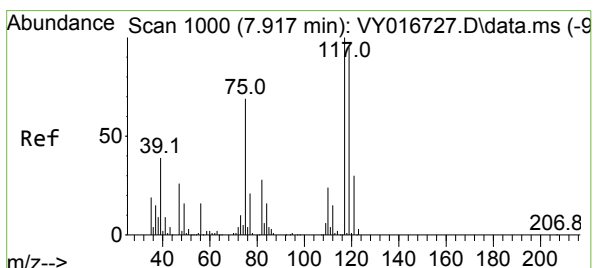
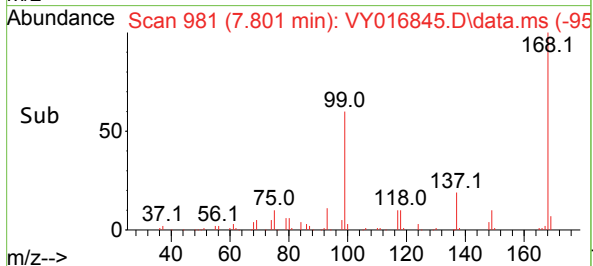
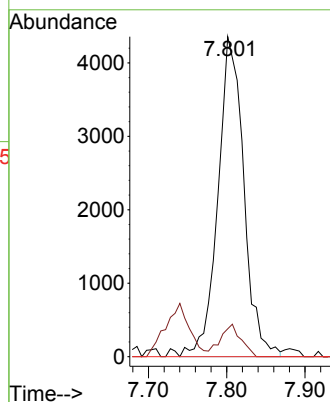
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 9991
Ion Ratio	Lower Upper
75	100
110	8.0 17.4 52.3#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.350 ug/l

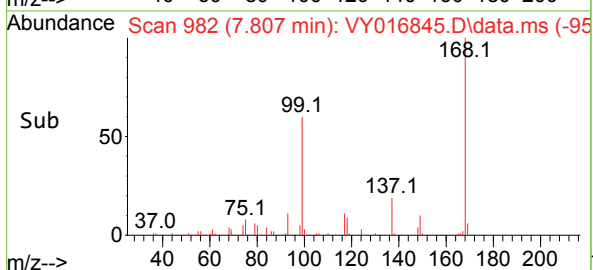
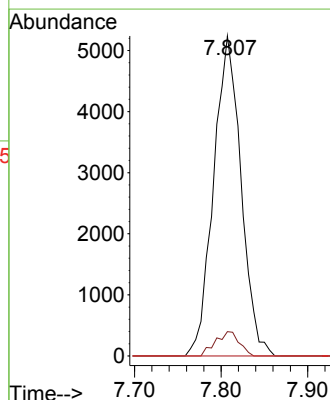
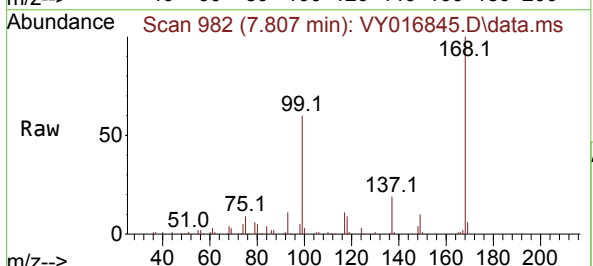
RT: 7.807 min Scan# 982

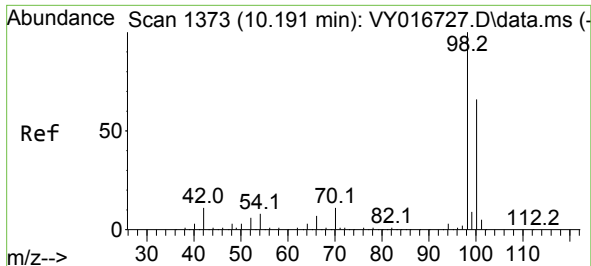
Delta R.T. -0.110 min

Lab File: VY016845.D

Acq: 26 Dec 2023 11:32

Tgt Ion: 117	Resp: 11514
Ion Ratio	Lower Upper
117	100
119	7.6 76.0 114.0#
121	0.0 24.2 36.2#

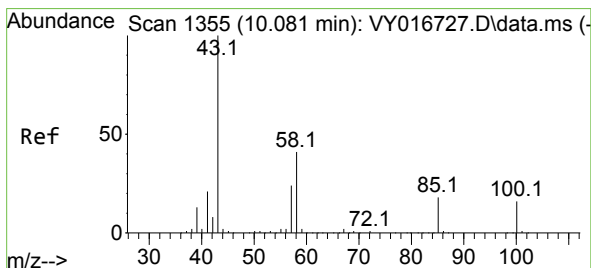
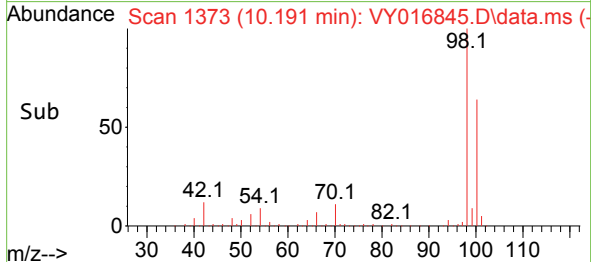
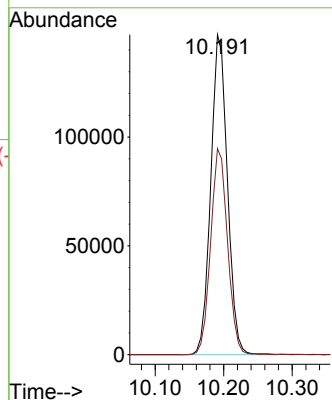
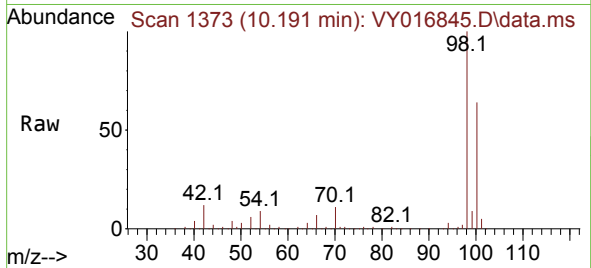




#50
Toluene-d8
Concen: 50.836 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016845.D
Acq: 26 Dec 2023 11:32

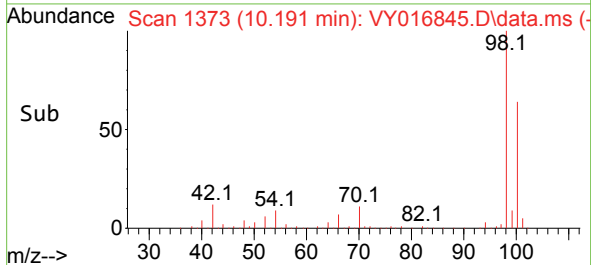
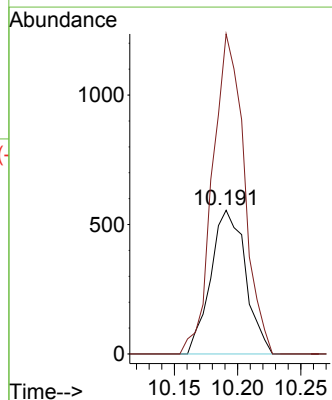
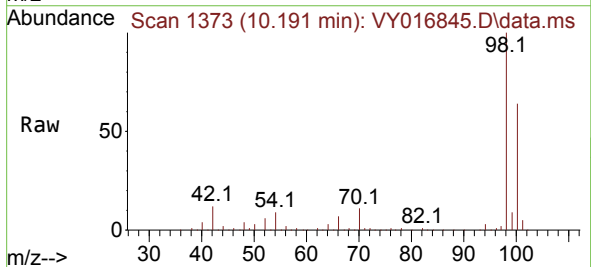
Instrument :
MSVOA_Y
ClientSampleId :

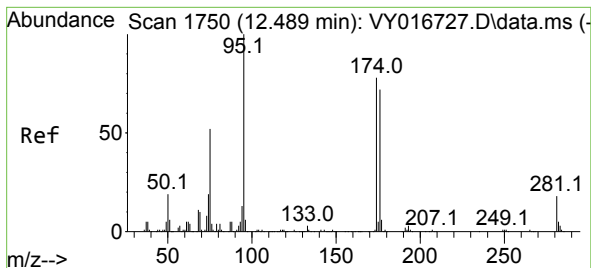
Tgt Ion: 98 Resp: 248608
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.101 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.110 min
Lab File: VY016845.D
Acq: 26 Dec 2023 11:32

Tgt Ion: 43 Resp: 1062
Ion Ratio Lower Upper
43 100
58 201.5 32.2 48.2#

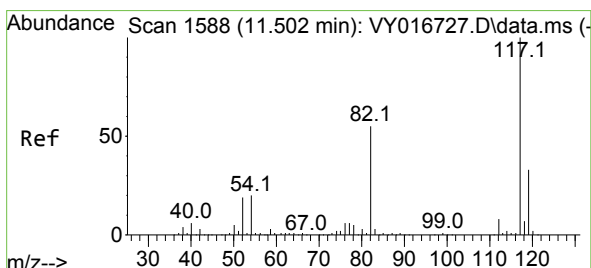
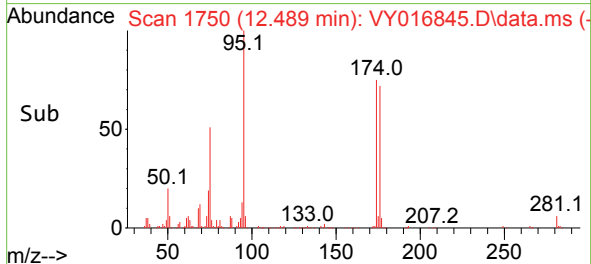
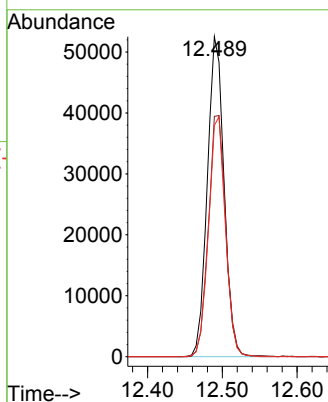
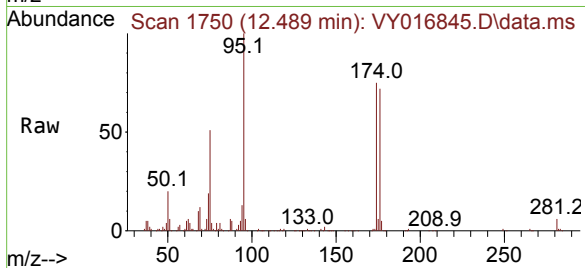




#62
4-Bromofluorobenzene
Concen: 51.567 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016845.D
Acq: 26 Dec 2023 11:32

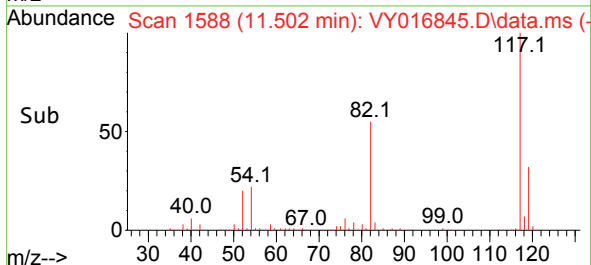
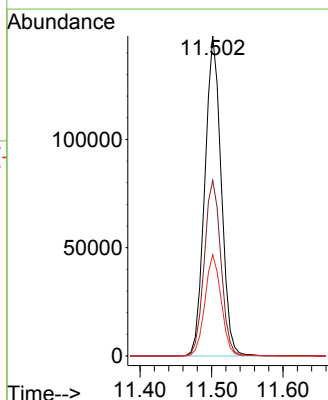
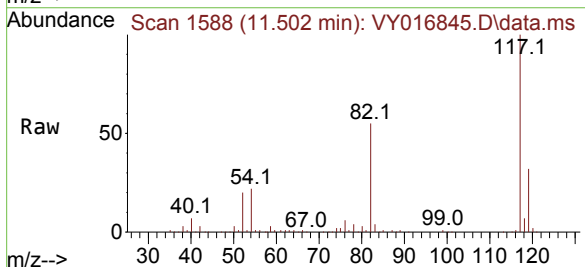
Instrument :
MSVOA_Y
ClientSampleId :

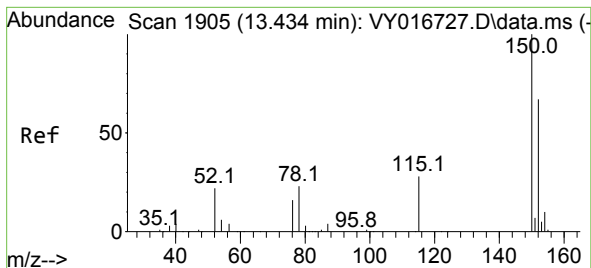
Tgt Ion:	95	Resp:	81815
Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	160.0
176	75.3	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY016845.D
Acq: 26 Dec 2023 11:32

Tgt Ion:	117	Resp:	235026
Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.8	65.8
119	31.6	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016845.D

Acq: 26 Dec 2023 11:32

Instrument :

MSVOA_Y

ClientSampleId :

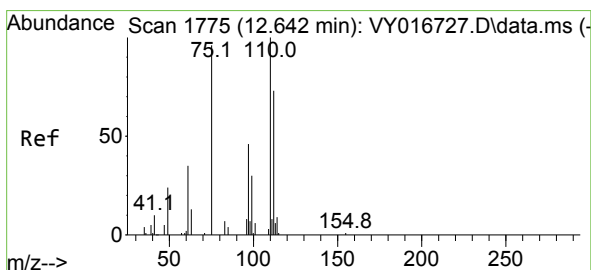
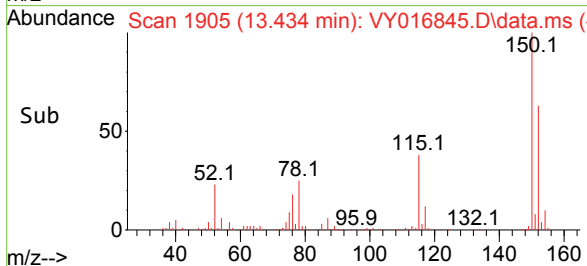
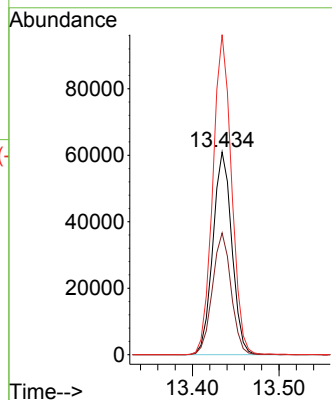
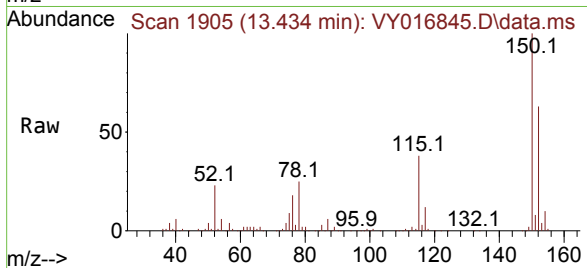
Tgt Ion:152 Resp: 92700

Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

150 156.1 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 41.067 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY016845.D

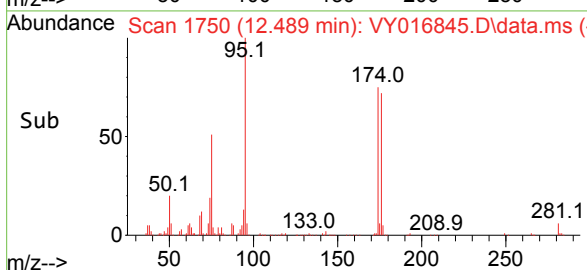
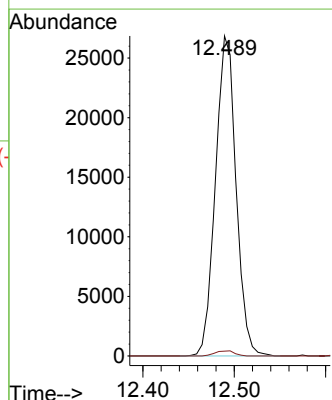
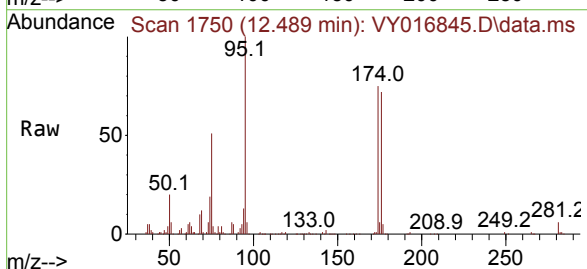
Acq: 26 Dec 2023 11:32

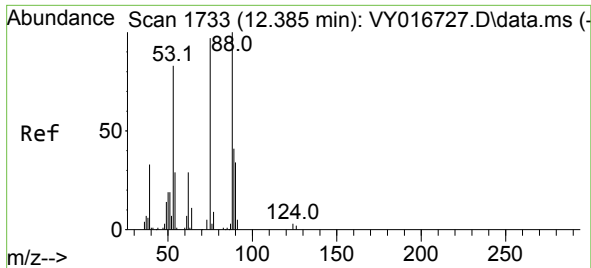
Tgt Ion: 75 Resp: 42083

Ion Ratio Lower Upper

75 100

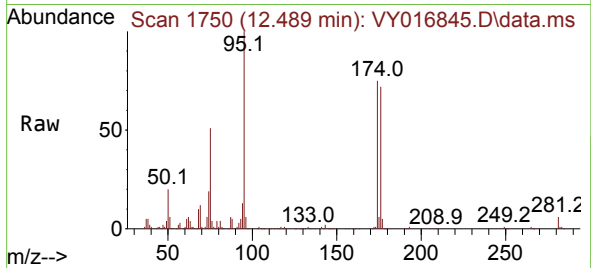
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.442 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY016845.D
 Acq: 26 Dec 2023 11:32

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.0	111.0#
89	0.0	36.5	54.7#

