

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051524\
 Data File : VY018276.D
 Acq On : 15 May 2024 16:38
 Operator : SY/MD
 Sample : P2482-06
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-04-229

Quant Time: May 16 03:08:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

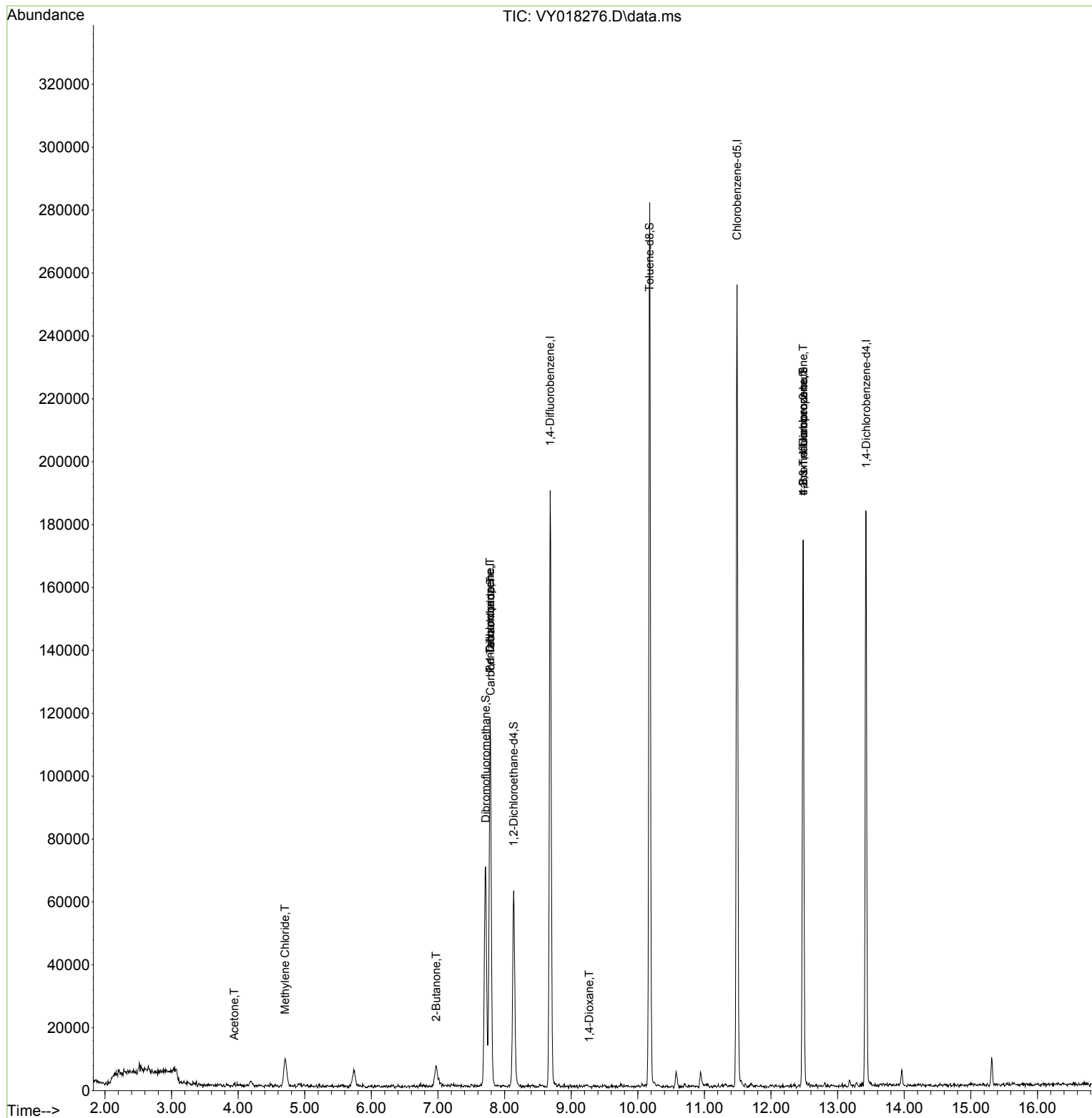
Internal Standards						
1) Pentafluorobenzene	7.783	168	88100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	167156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	141929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	45228	69.783	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 139.560%			
35) Dibromofluoromethane	7.716	113	50260	57.212	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.420%			
50) Toluene-d8	10.179	98	188470	54.443	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.880%			
62) 4-Bromofluorobenzene	12.483	95	53543	47.894	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.780%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	456	Below Cal	#	88
13) Acrolein	3.710	56	20	Below Cal	#	15
16) Acetone	3.942	43	766	5.922	ug/l #	36
20) Methylene Chloride	4.704	84	6577	7.194	ug/l	87
25) 2-Butanone	6.972	43	858	4.150	ug/l #	41
31) Cyclohexane	7.783	56	1959	Below Cal	#	27
36) 1,1-Dichloropropene	7.783	75	7013	5.569	ug/l #	48
38) Carbon Tetrachloride	7.789	117	9151	6.650	ug/l #	15
49) 1,4-Dioxane	9.270	88	19	2.811	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	27087	71.246	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	27087	137.267	ug/l #	16

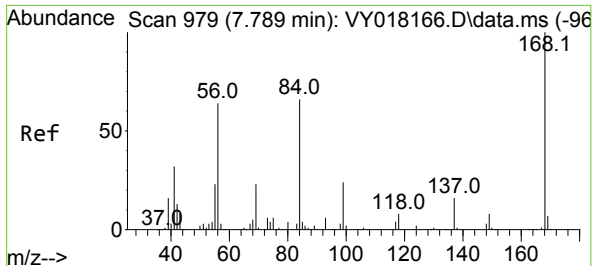
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

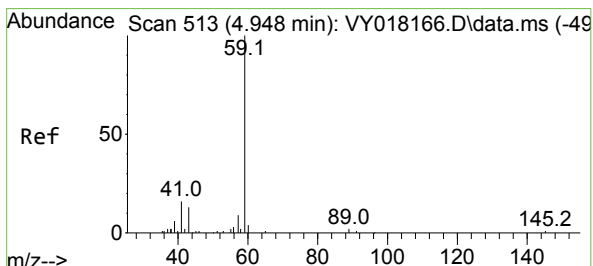
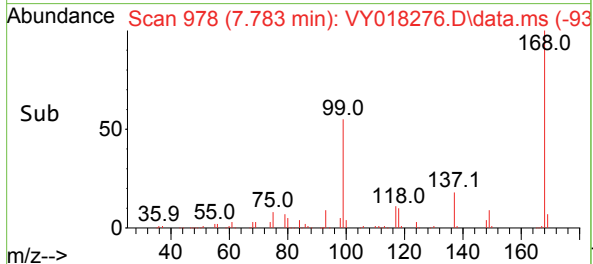
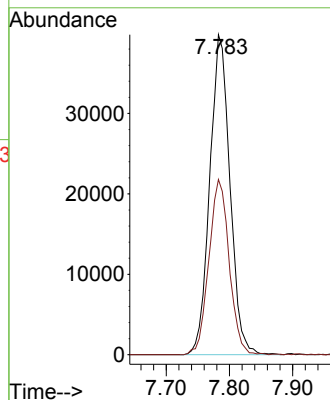
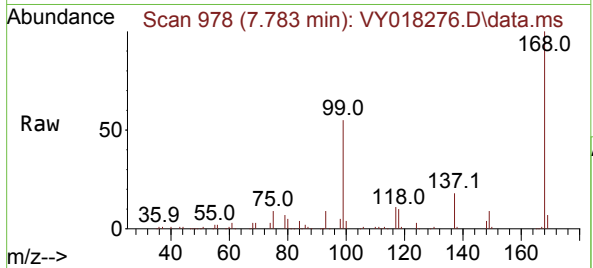




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018276.D
Acq: 15 May 2024 16:38

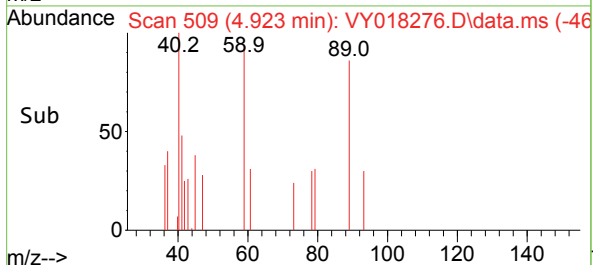
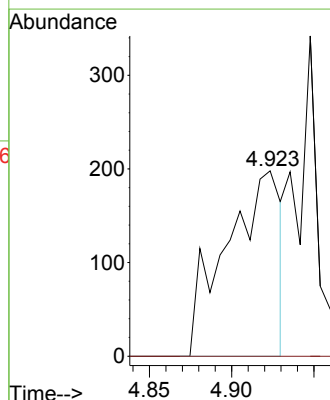
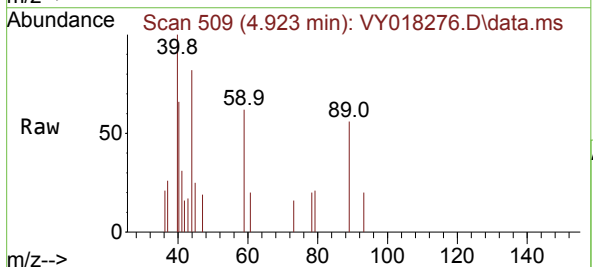
Instrument :
MSVOA_Y
ClientSampleId :
SW-04-229

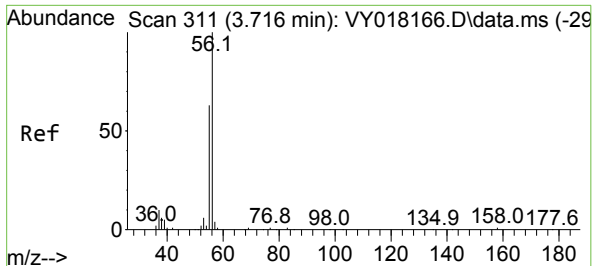
Tgt Ion:168 Resp: 88100
Ion Ratio Lower Upper
168 100
99 54.8 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.923 min Scan# 509
Delta R.T. -0.025 min
Lab File: VY018276.D
Acq: 15 May 2024 16:38

Tgt Ion: 59 Resp: 456
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

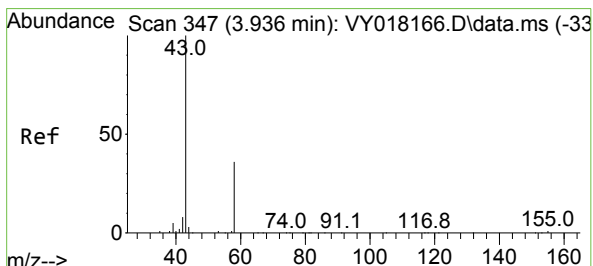
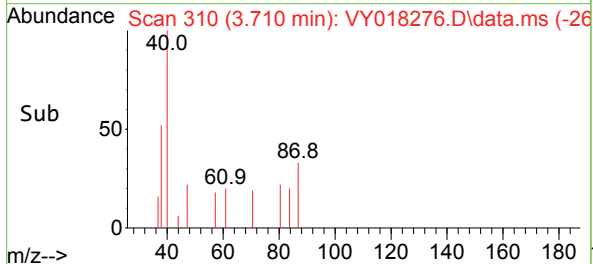
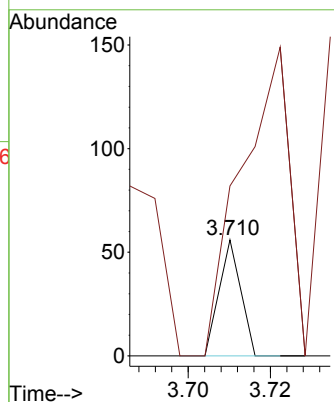
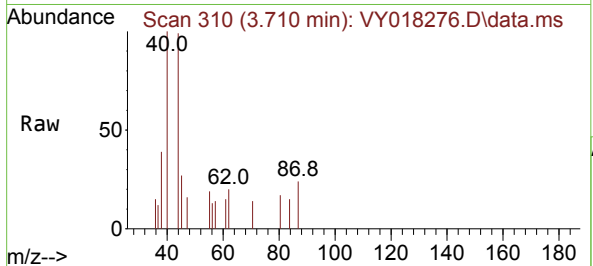




#13
Acrolein
Concen: Below Cal
RT: 3.710 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY018276.D
Acq: 15 May 2024 16:38

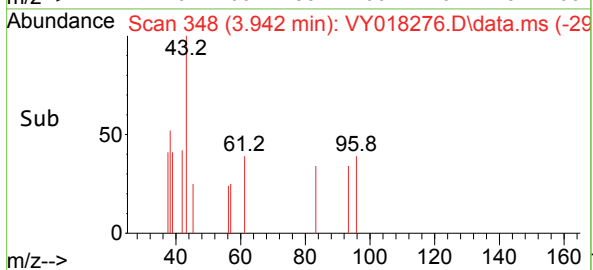
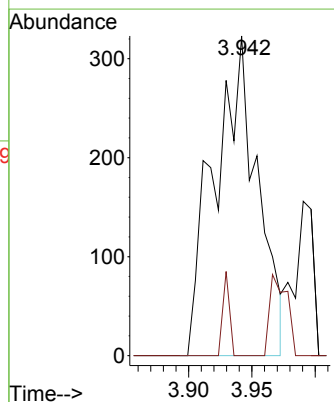
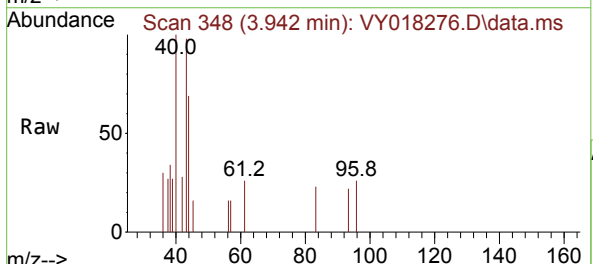
Instrument :
MSVOA_Y
ClientSampleId :
SW-04-229

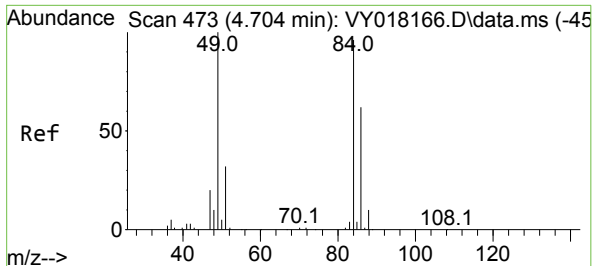
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 5.922 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018276.D
Acq: 15 May 2024 16:38

Tgt Ion: 43 Resp: 766
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

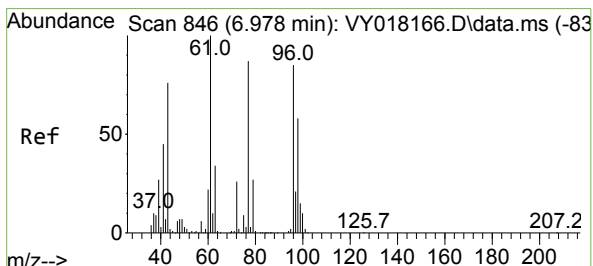
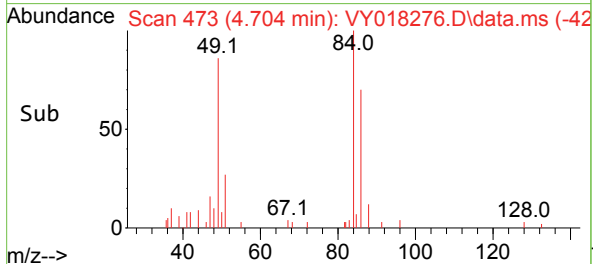
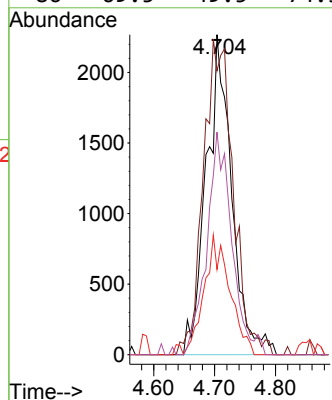
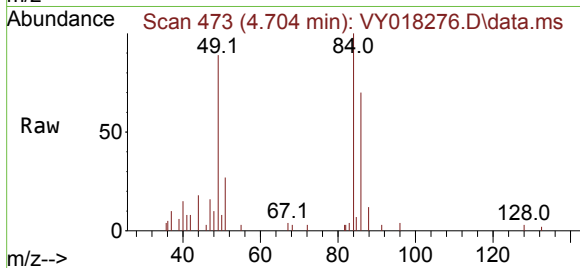




#20
Methylene Chloride
Concen: 7.194 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018276.D
Acq: 15 May 2024 16:38

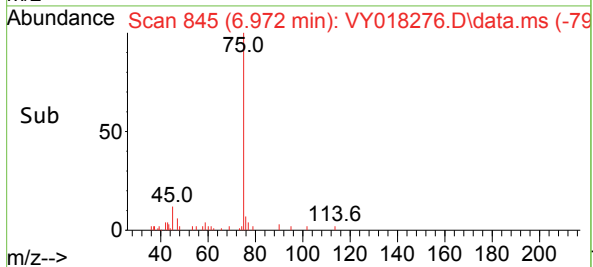
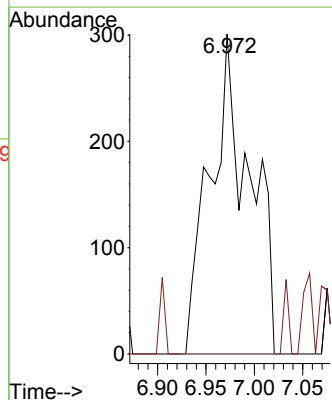
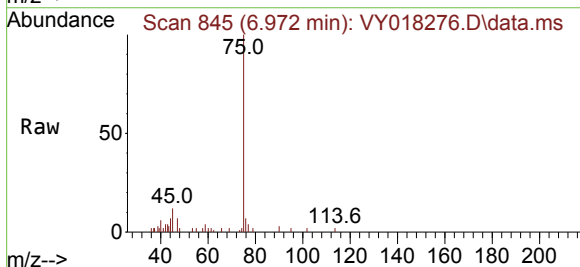
Instrument :
MSVOA_Y
ClientSampleId :
SW-04-229

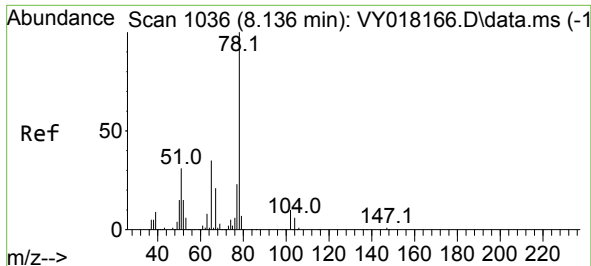
Tgt Ion:	84	Resp:	6577
Ion	Ratio	Lower	Upper
84	100		
49	88.7	84.4	126.6
51	26.7	26.0	39.0
86	69.5	49.5	74.3



#25
2-Butanone
Concen: 4.150 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY018276.D
Acq: 15 May 2024 16:38

Tgt Ion:	43	Resp:	858
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#





#33

1,2-Dichloroethane-d4

Concen: 69.783 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018276.D

Acq: 15 May 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

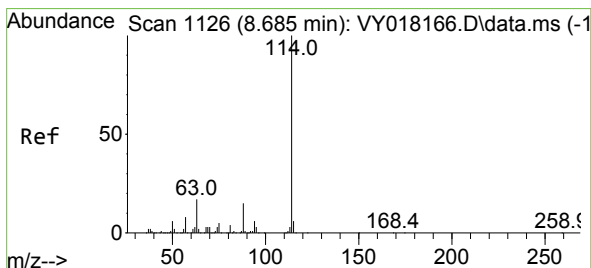
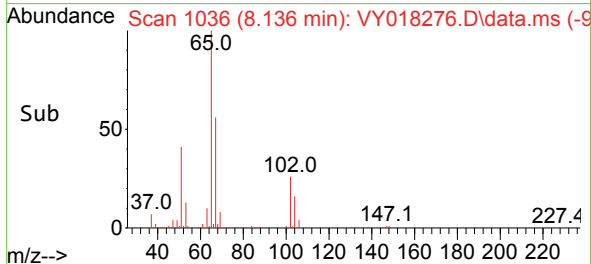
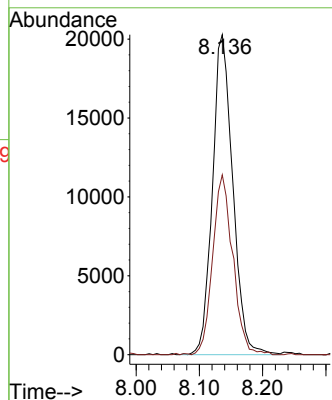
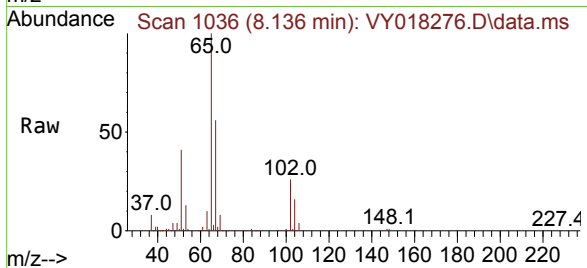
SW-04-229

Tgt Ion: 65 Resp: 45228

Ion Ratio Lower Upper

65 100

67 55.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018276.D

Acq: 15 May 2024 16:38

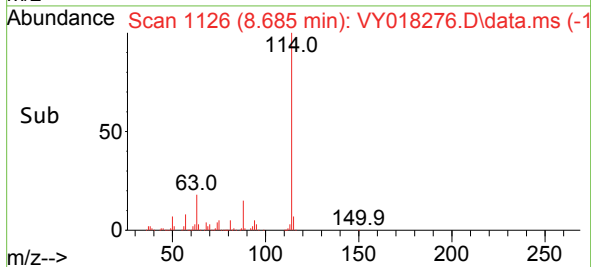
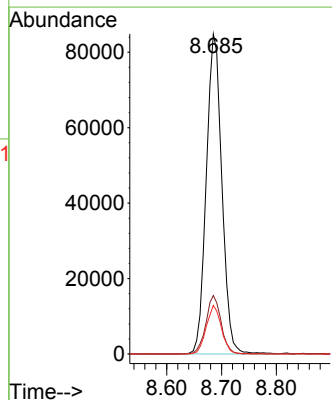
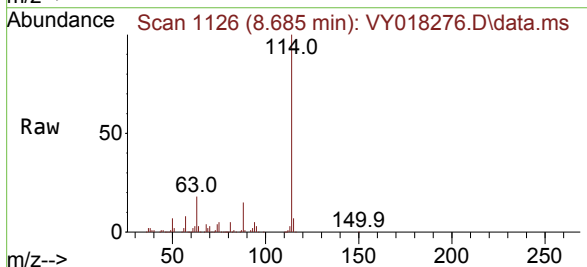
Tgt Ion: 114 Resp: 167156

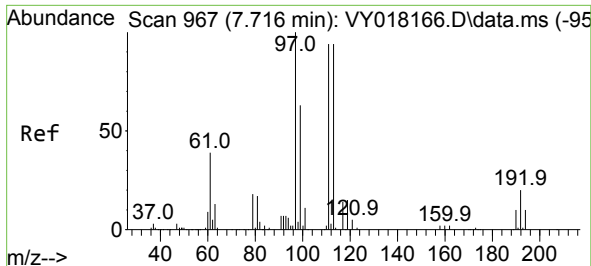
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 15.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 57.212 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY018276.D

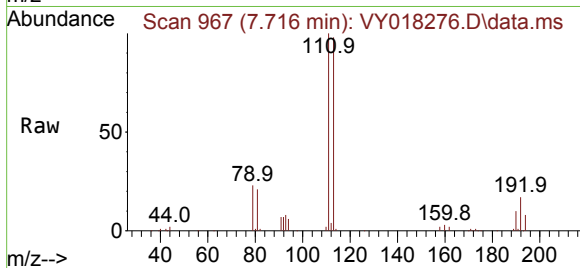
Acq: 15 May 2024 16:38

Instrument :

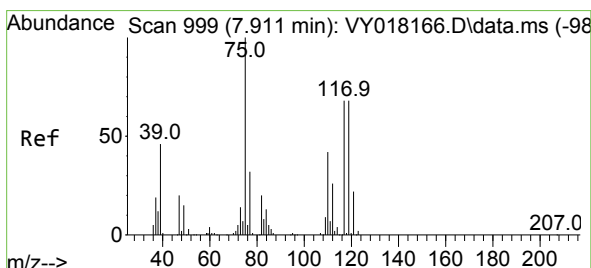
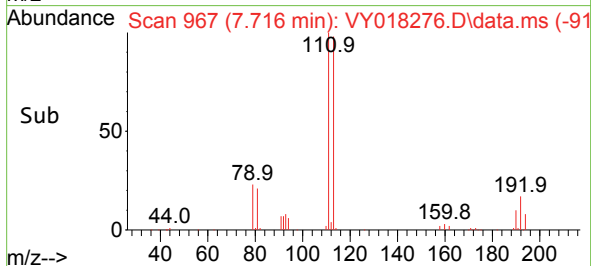
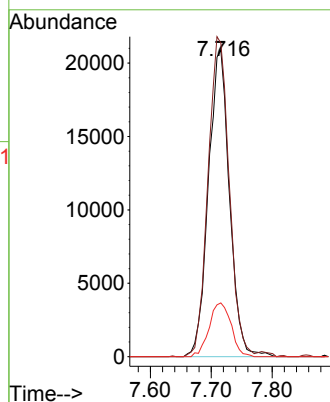
MSVOA_Y

ClientSampleId :

SW-04-229



Tgt Ion:	113	Resp:	50260
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.2	123.4
192	18.3	15.9	23.9



#36

1,1-Dichloropropene

Concen: 5.569 ug/l

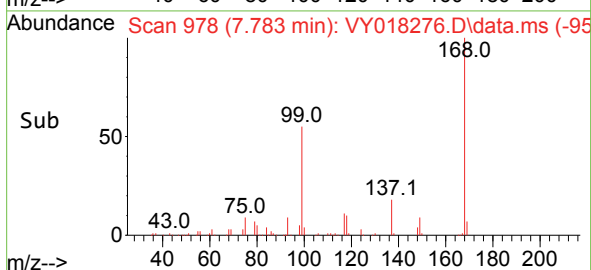
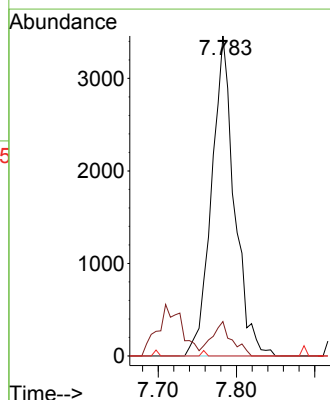
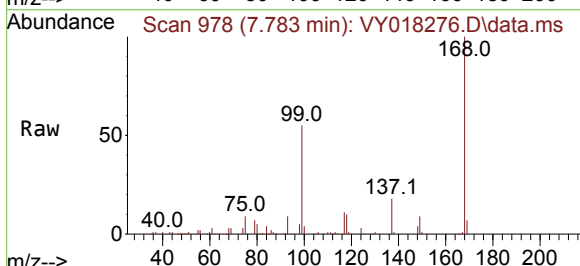
RT: 7.783 min Scan# 978

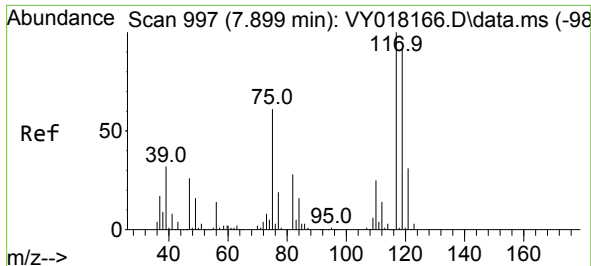
Delta R.T. -0.128 min

Lab File: VY018276.D

Acq: 15 May 2024 16:38

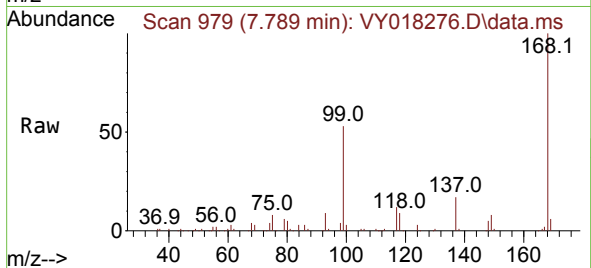
Tgt Ion:	75	Resp:	7013
Ion	Ratio	Lower	Upper
75	100		
110	9.5	19.0	57.0#
77	0.0	25.3	37.9#



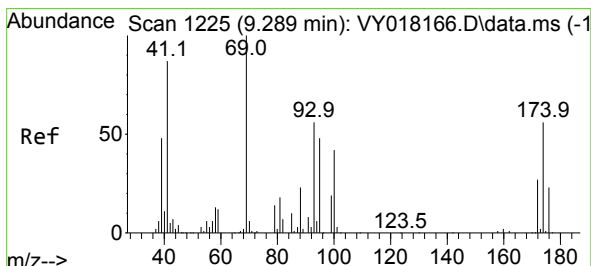
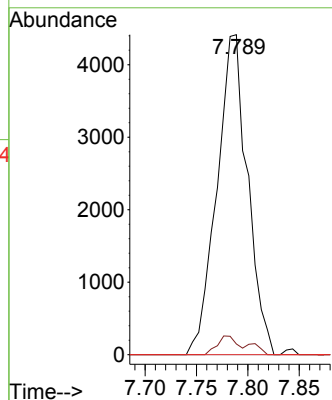
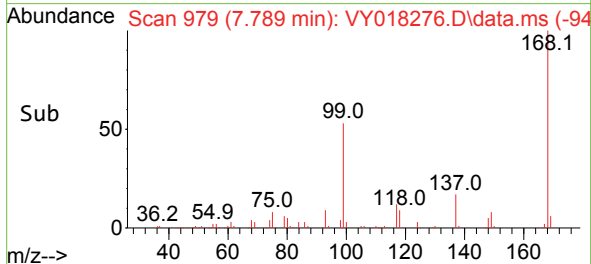


#38
Carbon Tetrachloride
Concen: 6.650 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018276.D
Acq: 15 May 2024 16:38

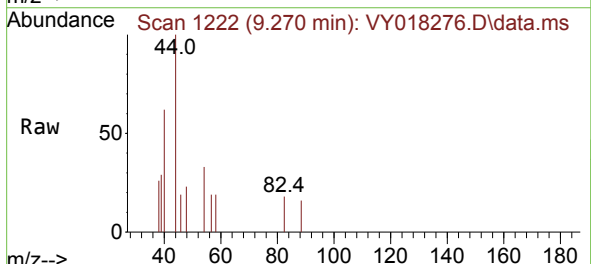
Instrument :
MSVOA_Y
ClientSampleId :
SW-04-229



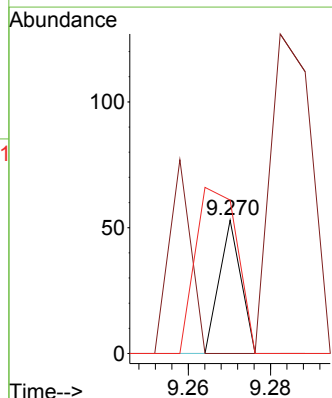
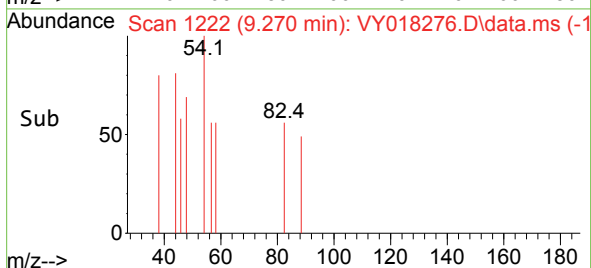
Tgt Ion:117 Resp: 9151
Ion Ratio Lower Upper
117 100
119 3.4 75.8 113.6#
121 0.0 24.0 36.0#

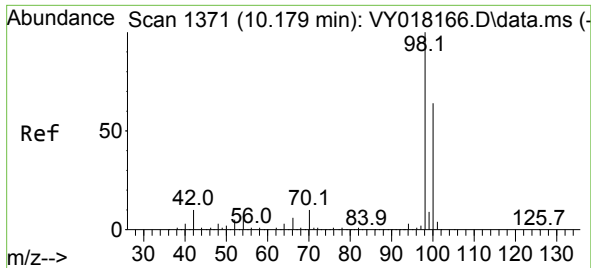


#49
1,4-Dioxane
Concen: 2.811 ug/l
RT: 9.270 min Scan# 1222
Delta R.T. -0.018 min
Lab File: VY018276.D
Acq: 15 May 2024 16:38



Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 147.4 0.0 0.0#
58 242.1 49.3 73.9#

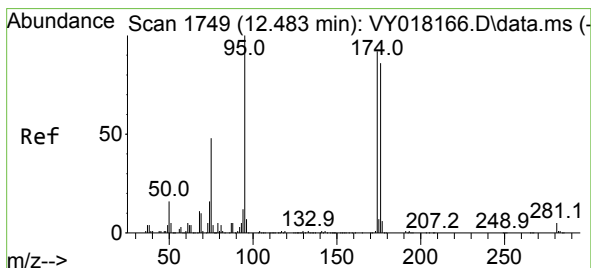
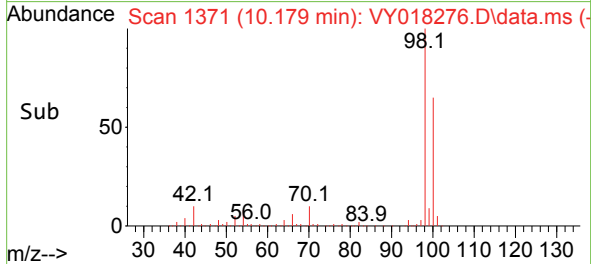
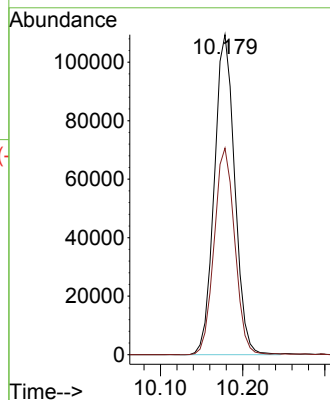
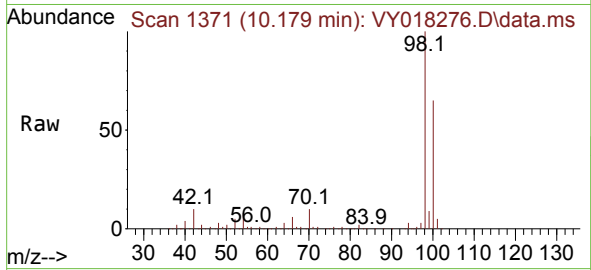




#50
Toluene-d8
Concen: 54.443 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018276.D
Acq: 15 May 2024 16:38

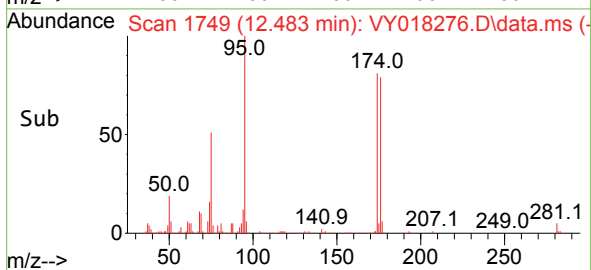
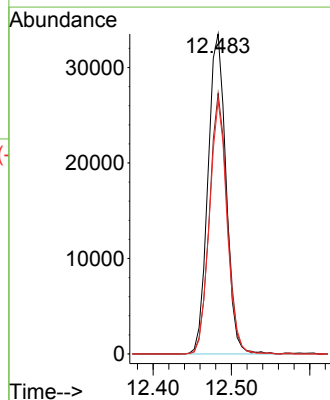
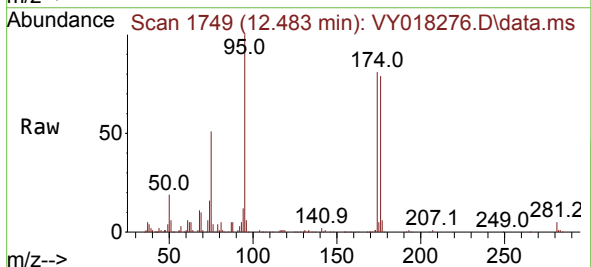
Instrument :
MSVOA_Y
ClientSampleId :
SW-04-229

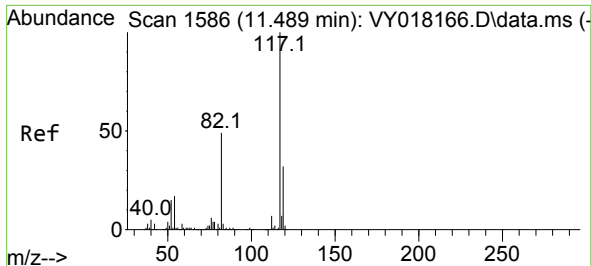
Tgt Ion: 98 Resp: 188470
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.894 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018276.D
Acq: 15 May 2024 16:38

Tgt Ion: 95 Resp: 53543
Ion Ratio Lower Upper
95 100
174 80.7 0.0 175.6
176 77.3 0.0 171.4

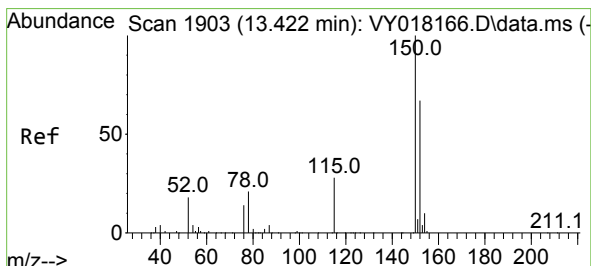
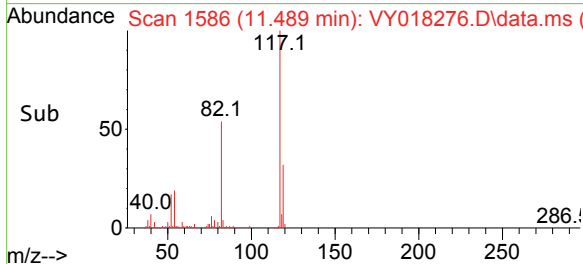
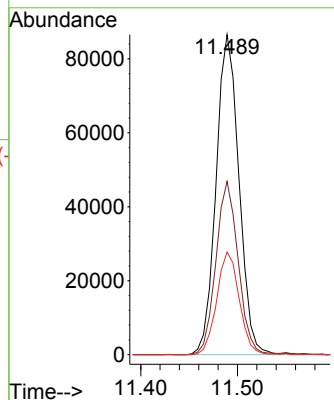
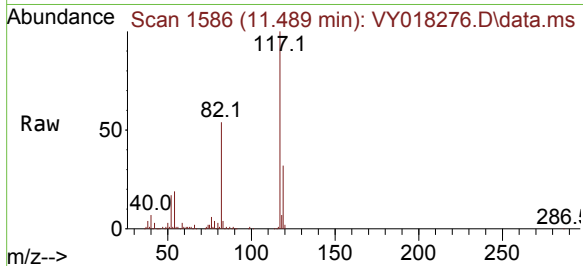




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018276.D
Acq: 15 May 2024 16:38

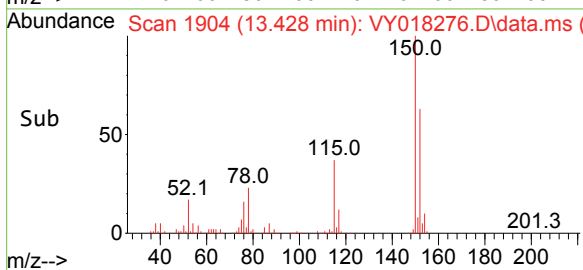
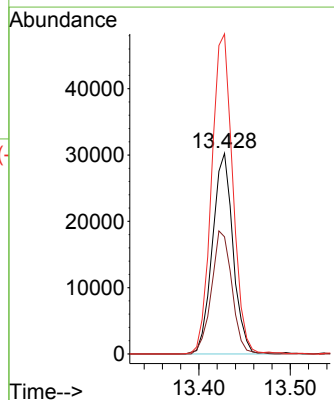
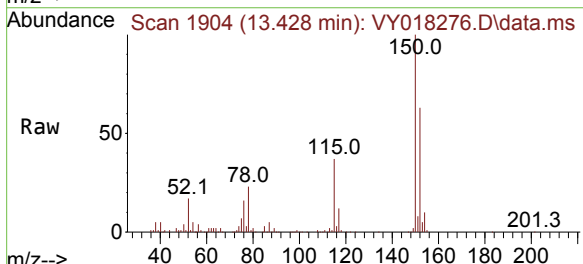
Instrument :
MSVOA_Y
ClientSampleId :
SW-04-229

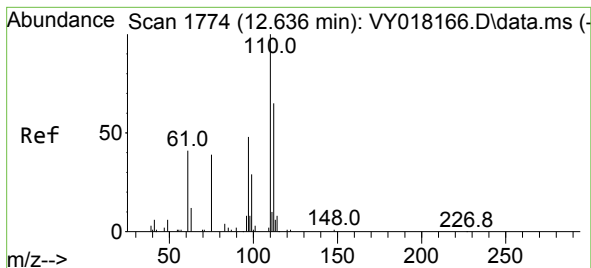
Tgt Ion:117 Resp: 141929
Ion Ratio Lower Upper
117 100
82 54.1 42.4 63.6
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018276.D
Acq: 15 May 2024 16:38

Tgt Ion:152 Resp: 47498
Ion Ratio Lower Upper
152 100
115 60.5 28.2 84.7
150 163.3 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 71.246 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY018276.D

Acq: 15 May 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

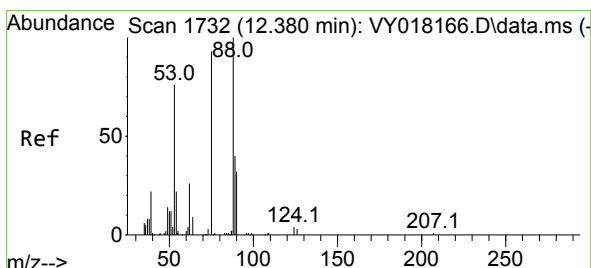
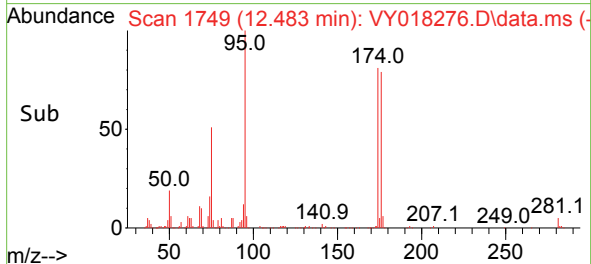
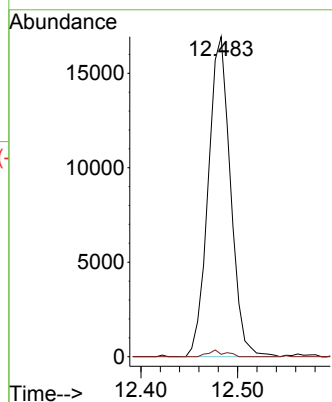
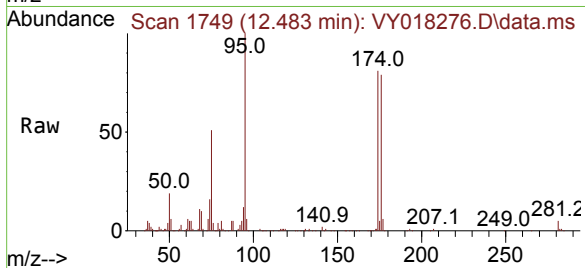
SW-04-229

Tgt Ion: 75 Resp: 27087

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 137.267 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.103 min

Lab File: VY018276.D

Acq: 15 May 2024 16:38

Tgt Ion: 75 Resp: 27087

Ion Ratio Lower Upper

75 100

53 0.4 66.8 100.2#

89 0.1 35.8 53.6#

