

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
 Data File : VY009616.D
 Acq On : 20 Jul 2022 16:42
 Operator : KP/MD
 Sample : N3726-02
 Misc : 6.31g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OWS-12-12.5

Quant Time: Jul 21 02:14:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

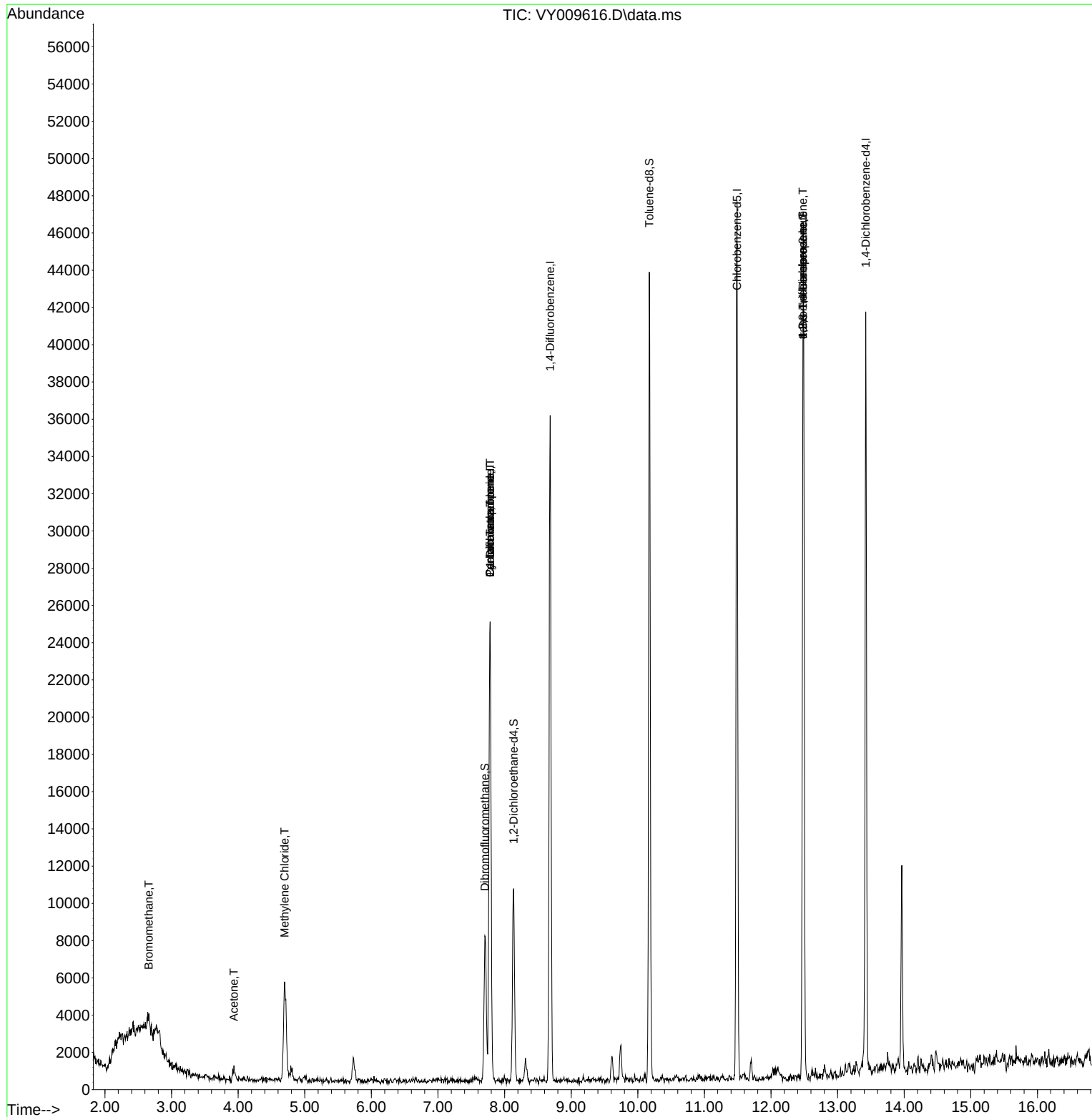
Internal Standards						
1) Pentafluorobenzene	7.783	168	21451	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	31458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	27637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	10673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	8282	40.823	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.640%
35) Dibromofluoromethane	7.704	113	5988	30.214	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	60.420%
50) Toluene-d8	10.173	98	29310	38.471	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	76.940%#
62) 4-Bromofluorobenzene	12.477	95	7639	30.943	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	61.880%
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	373	1.889	ug/l	93
11) Tert butyl alcohol	4.924	59	50	Below Cal	#	77
16) Acetone	3.936	43	1121	21.843	ug/l	# 54
20) Methylene Chloride	4.698	84	4356	8.764	ug/l	# 76
31) Cyclohexane	7.783	56	438	1.224	ug/l	# 7
36) 1,1-Dichloropropene	7.783	75	1292	4.412	ug/l	# 45
38) Carbon Tetrachloride	7.783	117	1790	5.839	ug/l	# 11
76) 1,2,3-Trichloropropane	12.477	75	3856	37.926	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	3856	74.782	ug/l	# 7

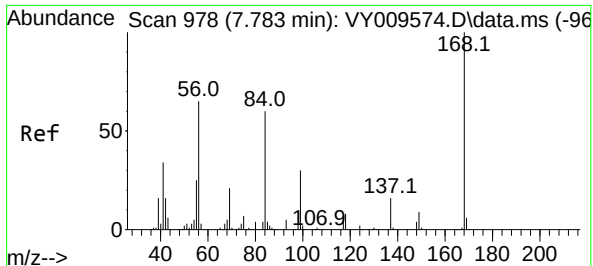
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
Data File : VY009616.D
Acq On : 20 Jul 2022 16:42
Operator : KP/MD
Sample : N3726-02
Misc : 6.31g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OWS-12-12.5

Quant Time: Jul 21 02:14:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 19 04:22:09 2022
Response via : Initial Calibration

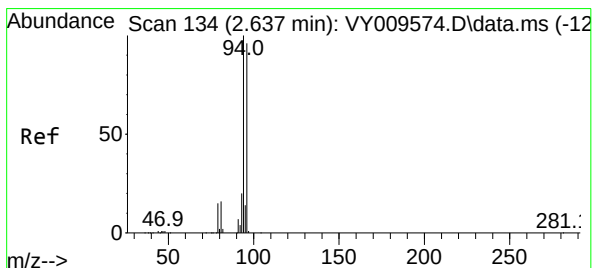
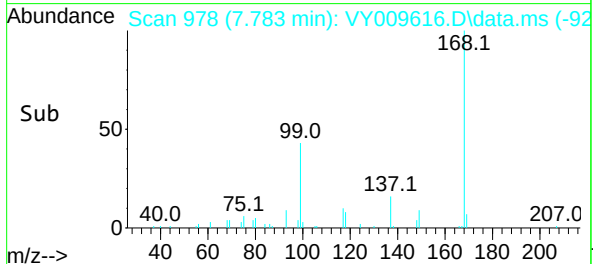
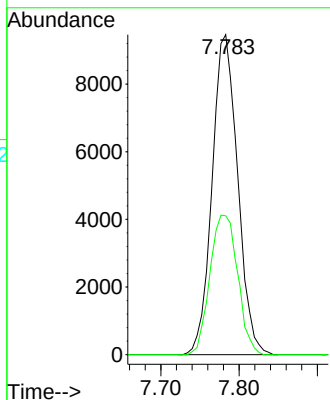
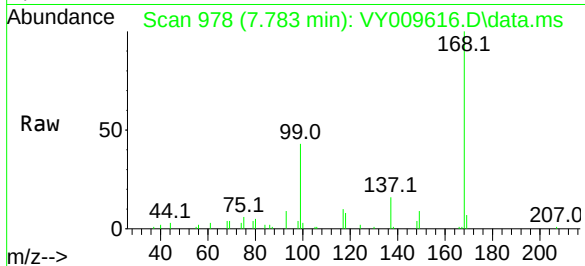




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009616.D
Acq: 20 Jul 2022 16:42

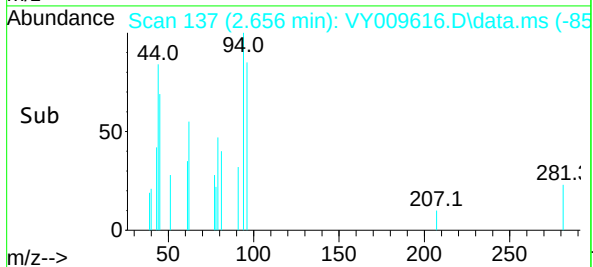
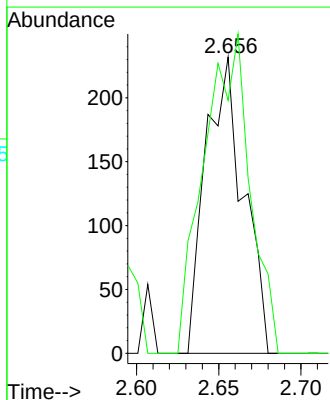
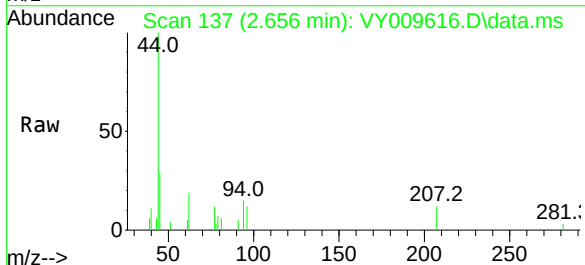
Instrument :
MSVOA_Y
ClientSampleId :
OWS-12-12.5

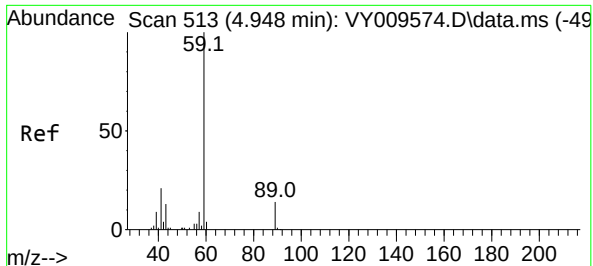
Tgt Ion:168 Resp: 21451
Ion Ratio Lower Upper
168 100
99 43.4 46.9 70.3#



#5
Bromomethane
Concen: 1.889 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.018 min
Lab File: VY009616.D
Acq: 20 Jul 2022 16:42

Tgt Ion: 94 Resp: 373
Ion Ratio Lower Upper
94 100
96 85.3 73.5 110.3





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.924 min Scan# 509

Delta R.T. -0.024 min

Lab File: VY009616.D

Acq: 20 Jul 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

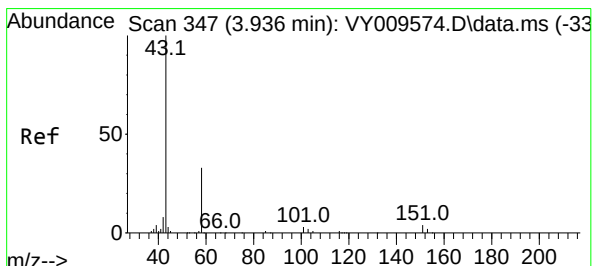
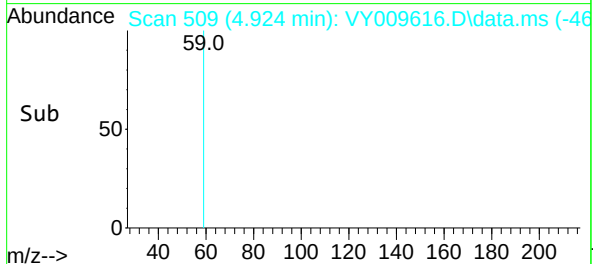
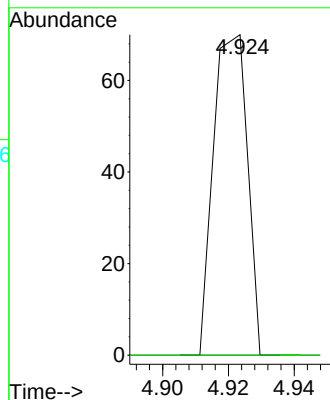
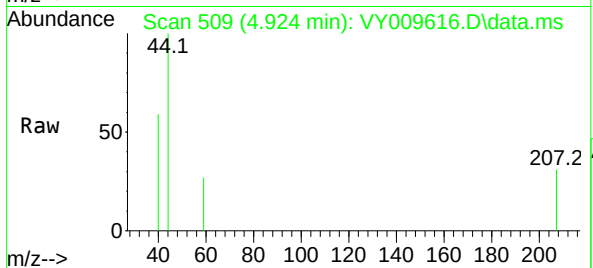
OVS-12-12.5

Tgt Ion: 59 Resp: 50

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 21.843 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY009616.D

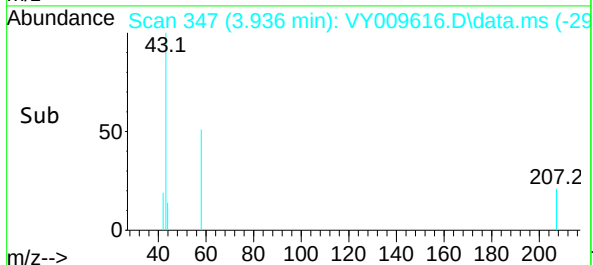
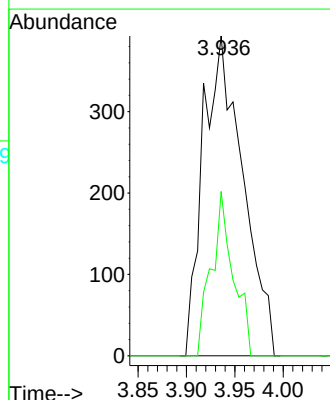
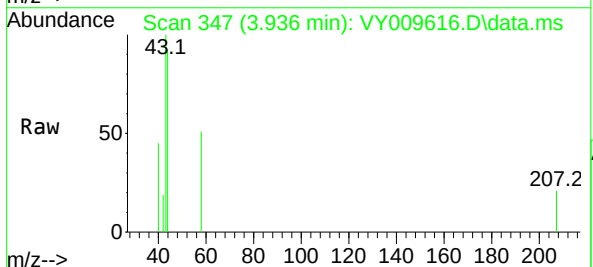
Acq: 20 Jul 2022 16:42

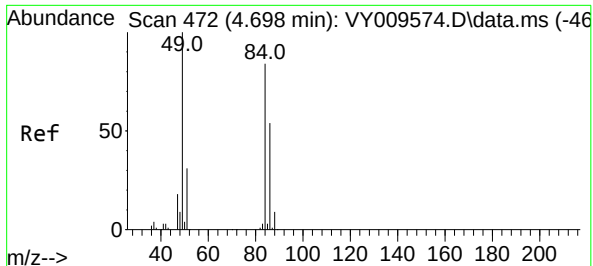
Tgt Ion: 43 Resp: 1121

Ion Ratio Lower Upper

43 100

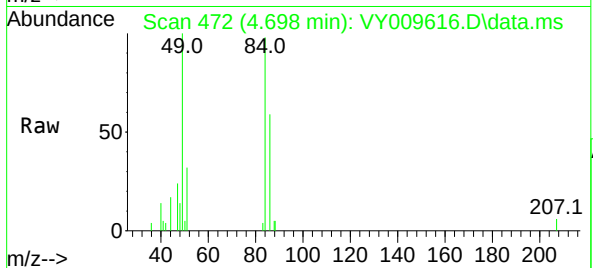
58 51.4 22.0 33.0#





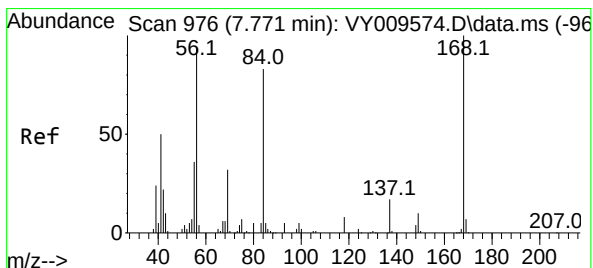
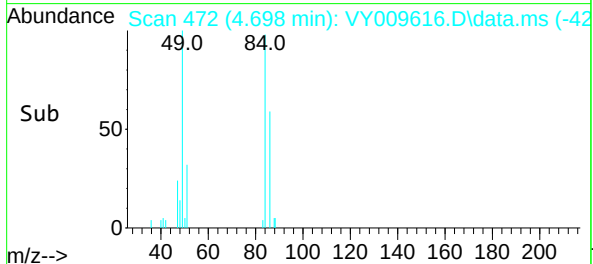
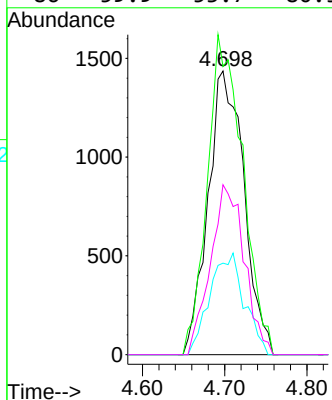
#20
Methylene Chloride
Concen: 8.764 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009616.D
Acq: 20 Jul 2022 16:42

Instrument :
MSVOA_Y
ClientSampleId :
OWS-12-12.5



Tgt Ion: 84 Resp: 4356

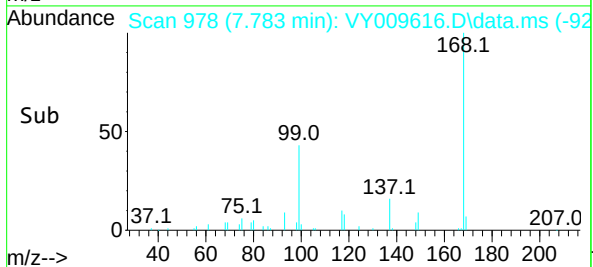
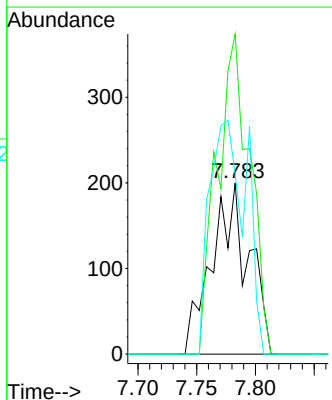
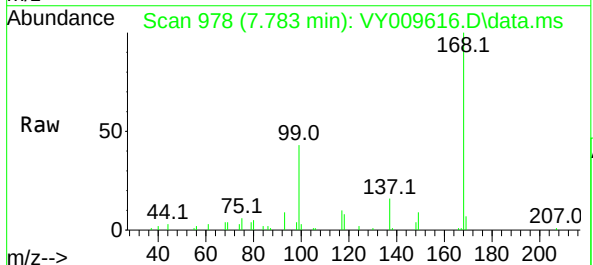
Ion	Ratio	Lower	Upper
84	100		
49	101.6	114.4	171.6#
51	32.2	35.3	52.9#
86	59.9	53.7	80.5

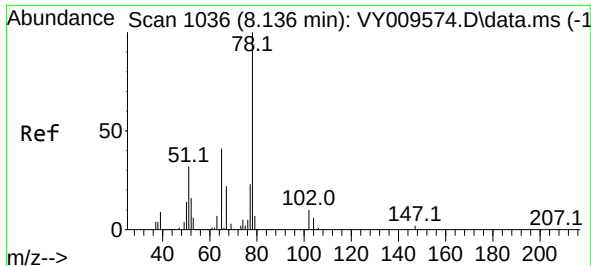


#31
Cyclohexane
Concen: 1.224 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.012 min
Lab File: VY009616.D
Acq: 20 Jul 2022 16:42

Tgt Ion: 56 Resp: 438

Ion	Ratio	Lower	Upper
56	100		
69	187.0	26.7	40.1#
84	105.0	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 40.823 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY009616.D

Acq: 20 Jul 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

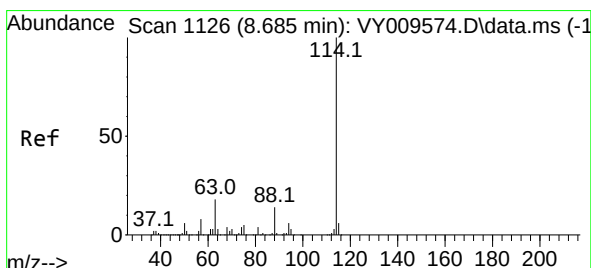
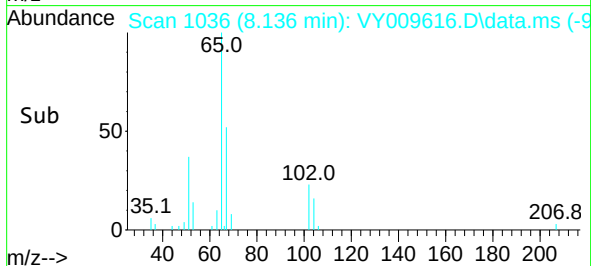
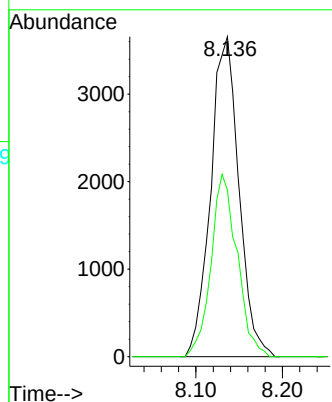
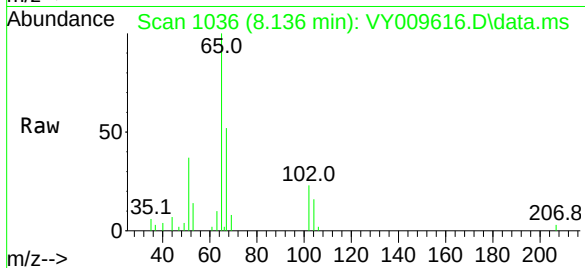
OVS-12-12.5

Tgt Ion: 65 Resp: 8282

Ion Ratio Lower Upper

65 100

67 52.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009616.D

Acq: 20 Jul 2022 16:42

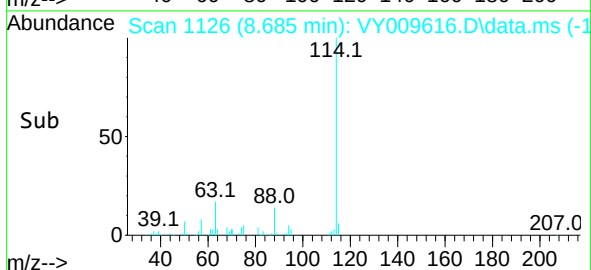
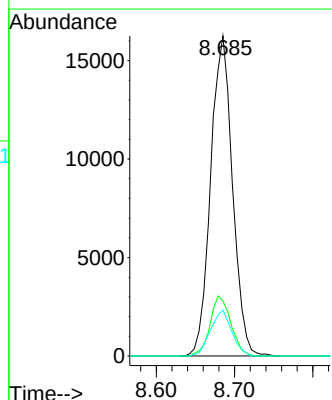
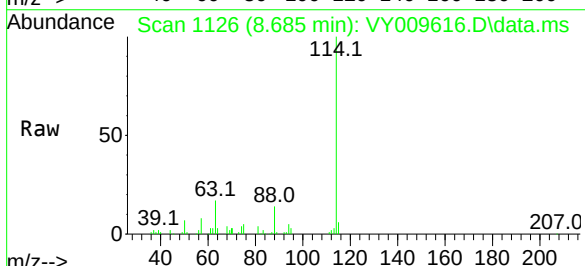
Tgt Ion: 114 Resp: 31458

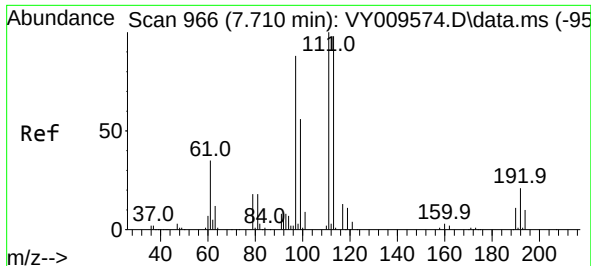
Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.4 0.0 31.8

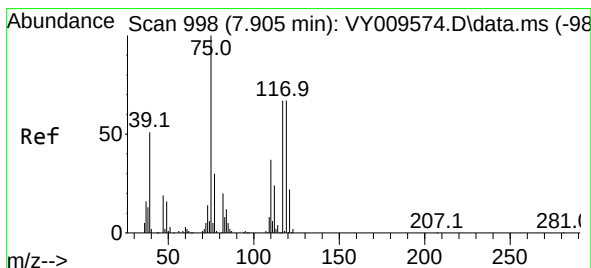
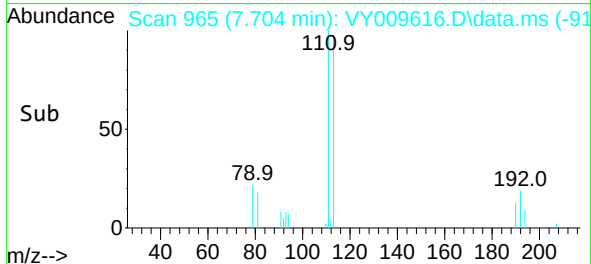
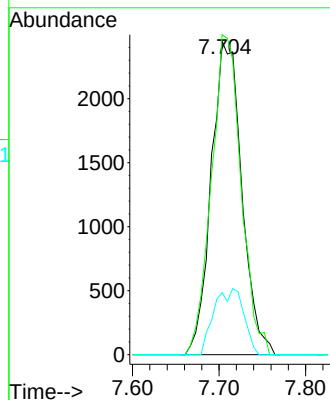
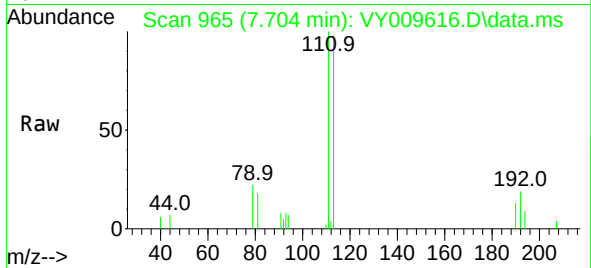




#35
Dibromofluoromethane
Concen: 30.214 ug/l
RT: 7.704 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY009616.D
Acq: 20 Jul 2022 16:42

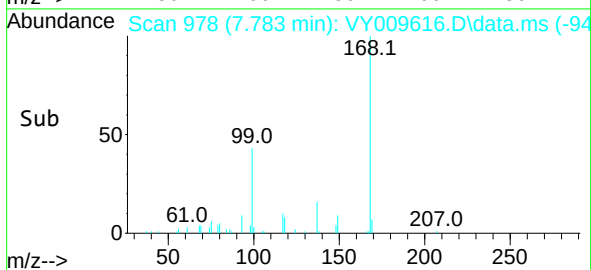
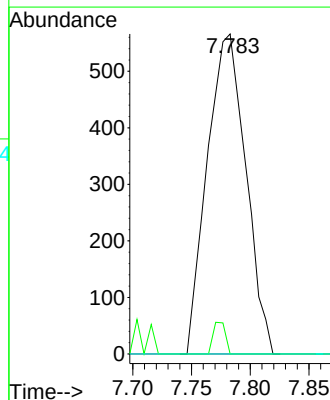
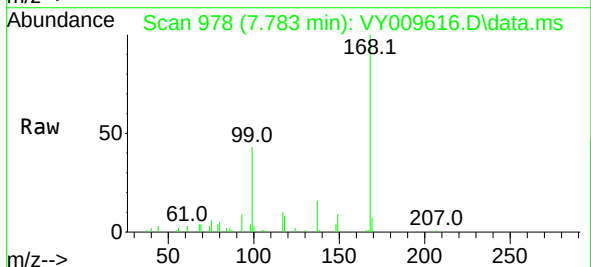
Instrument :
MSVOA_Y
ClientSampleId :
OWS-12-12.5

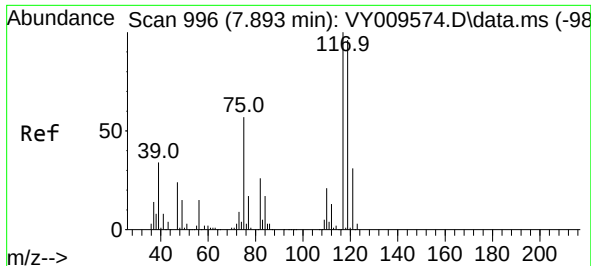
Tgt Ion:113 Resp: 5988
Ion Ratio Lower Upper
113 100
111 99.3 82.6 124.0
192 20.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.412 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY009616.D
Acq: 20 Jul 2022 16:42

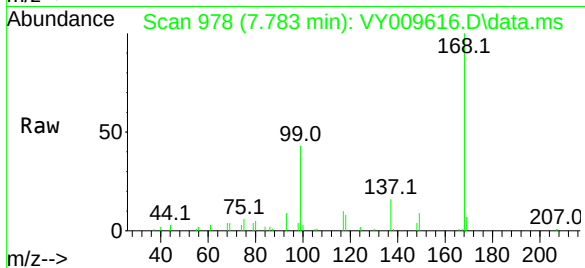
Tgt Ion: 75 Resp: 1292
Ion Ratio Lower Upper
75 100
110 3.2 17.1 51.2#
77 0.0 24.4 36.6#



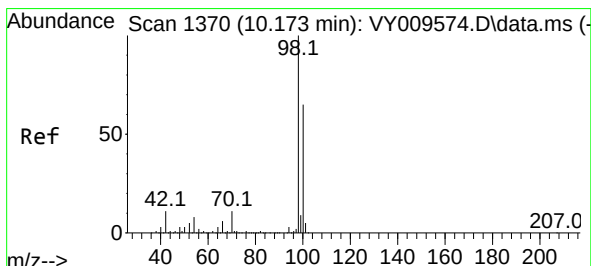
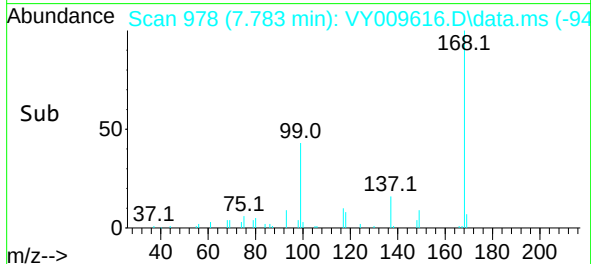
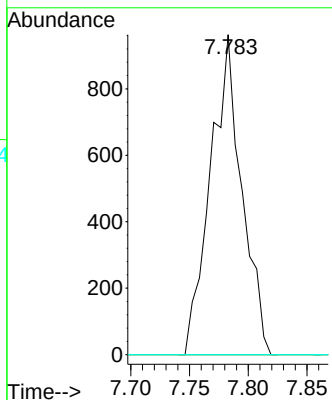


#38
Carbon Tetrachloride
Concen: 5.839 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009616.D
Acq: 20 Jul 2022 16:42

Instrument :
MSVOA_Y
ClientSampleId :
OWS-12-12.5

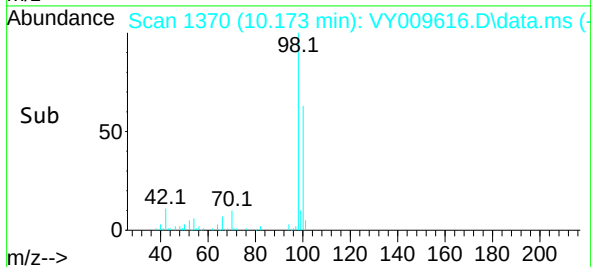
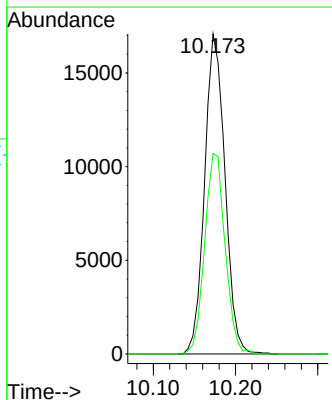
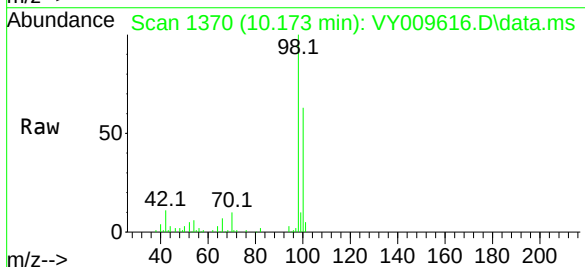


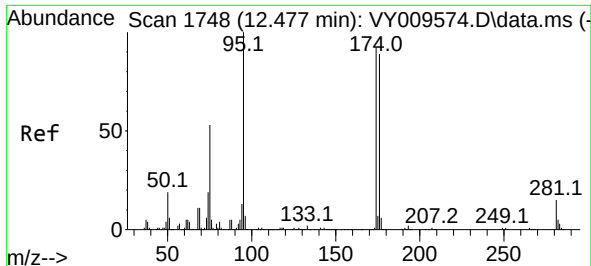
Tgt Ion:117 Resp: 1790
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 38.471 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009616.D
Acq: 20 Jul 2022 16:42

Tgt Ion: 98 Resp: 29310
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2

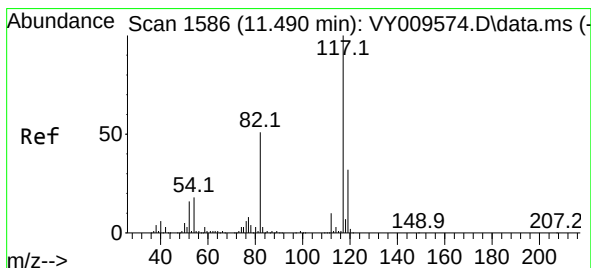
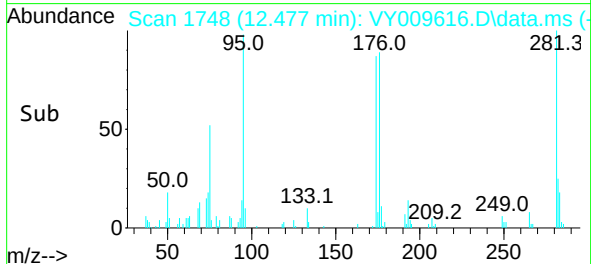
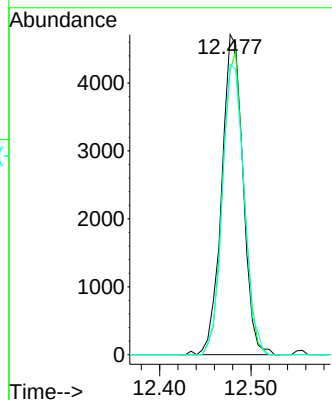
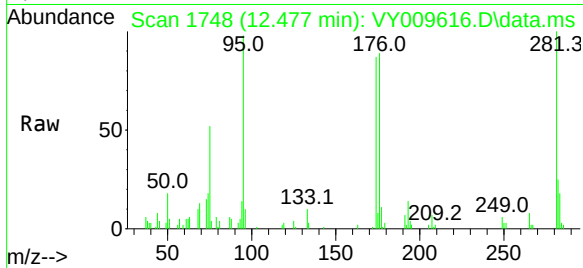




#62
4-Bromofluorobenzene
Concen: 30.943 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009616.D
Acq: 20 Jul 2022 16:42

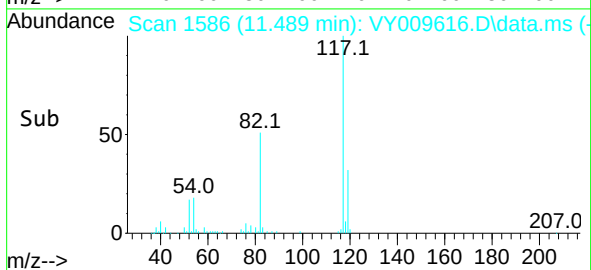
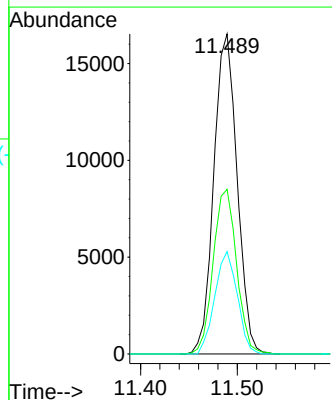
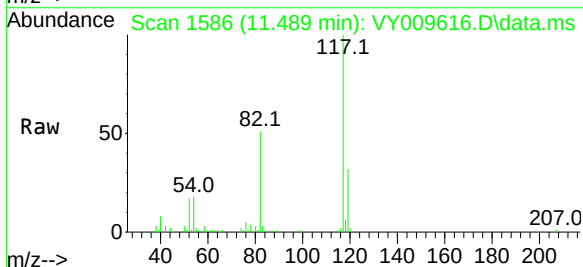
Instrument :
MSVOA_Y
ClientSampleId :
OWS-12-12.5

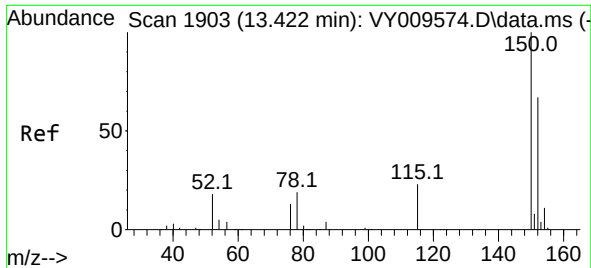
Tgt Ion: 95	Resp: 7639
Ion Ratio	Lower Upper
95 100	
174 94.3	0.0 177.0
176 92.6	0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009616.D
Acq: 20 Jul 2022 16:42

Tgt Ion:117	Resp:	27637	
Ion	Ratio	Lower	Upper
117	100		
82	51.5	43.0	64.4
119	32.0	25.4	38.0

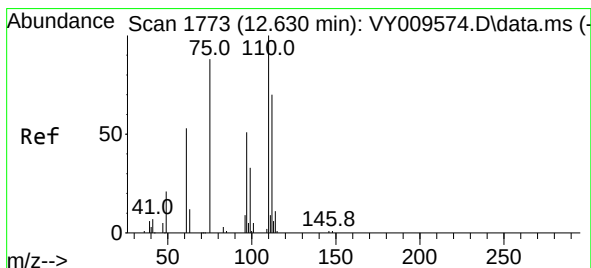
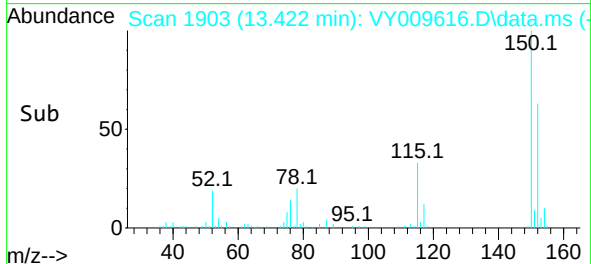
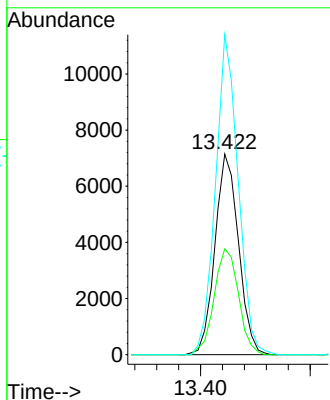
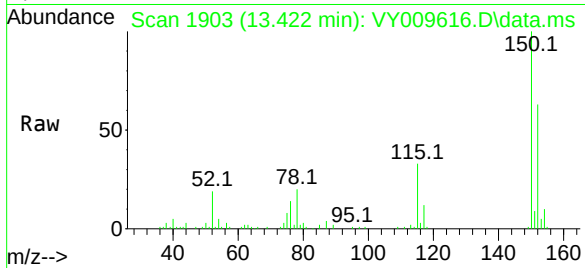




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009616.D
Acq: 20 Jul 2022 16:42

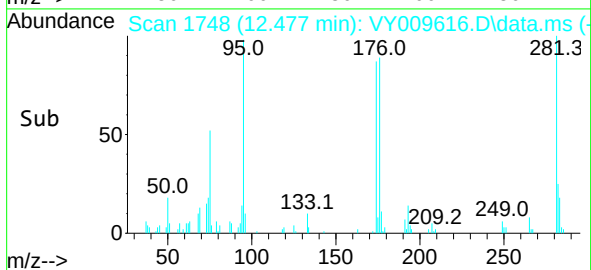
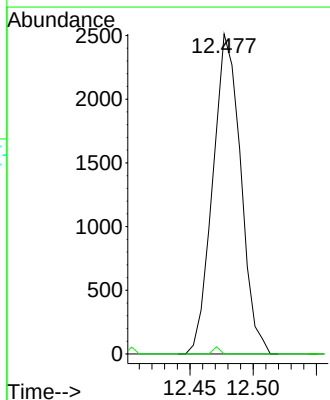
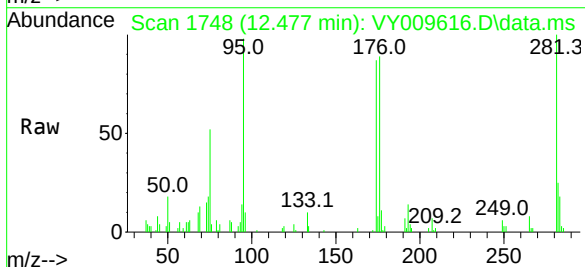
Instrument :
MSVOA_Y
ClientSampleId :
OWS-12-12.5

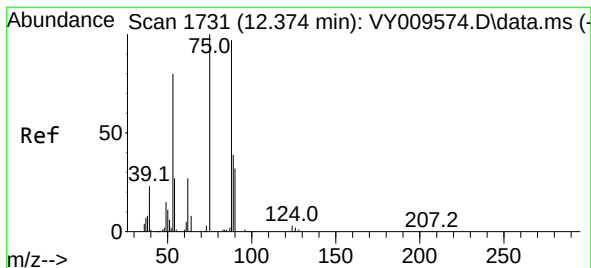
Tgt Ion:152 Resp: 10673
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 153.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 37.926 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009616.D
Acq: 20 Jul 2022 16:42

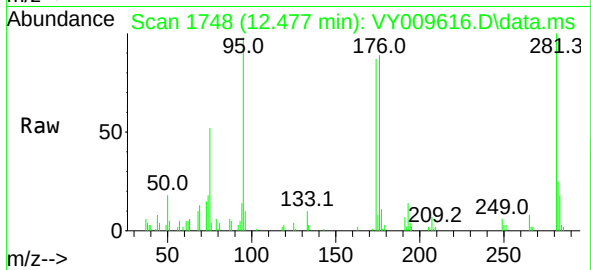
Tgt Ion: 75 Resp: 3856
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.782 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009616.D
 Acq: 20 Jul 2022 16:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 OWS-12-12.5



Tgt Ion: 75 Resp: 3856
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.5 37.0 55.4#

