

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008928.D
 Acq On : 21 May 2022 01:38
 Operator : KP/MD
 Sample : N2916-02
 Misc : 6.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UST-2

Quant Time: May 21 02:49:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	123814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	199496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88659	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	76910	60.356	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.720%
35) Dibromofluoromethane	7.716	113	66261	50.078	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.160%
50) Toluene-d8	10.179	98	267812	54.865	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.720%
62) 4-Bromofluorobenzene	12.483	95	90025	45.720	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.440%

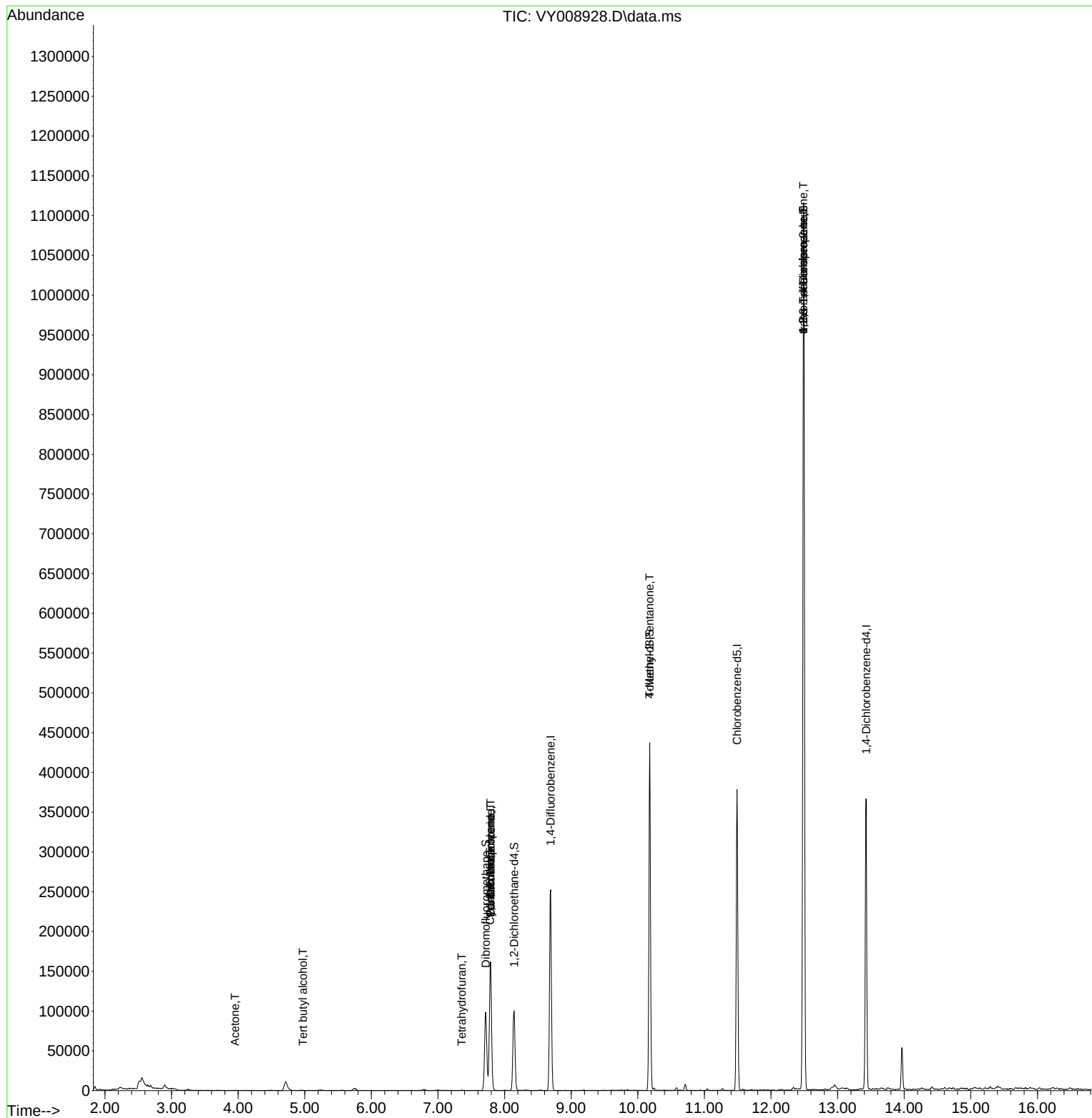
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.972	59	806	6.236	ug/l #	77
16) Acetone	3.954	43	384	1.448	ug/l #	47
20) Methylene Chloride	4.710	84	8064	Below Cal	#	78
29) Tetrahydrofuran	7.356	42	351	1.091	ug/l #	51
31) Cyclohexane	7.783	56	3240	1.300	ug/l #	42
36) 1,1-Dichloropropene	7.789	75	9985	4.434	ug/l #	52
38) Carbon Tetrachloride	7.789	117	12138	5.153	ug/l #	13
51) 4-Methyl-2-Pentanone	10.179	43	1266	1.053	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	57797	60.705	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	57797	124.598	ug/l #	9

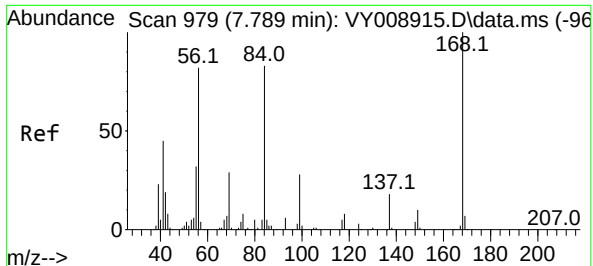
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
Data File : VY008928.D
Acq On : 21 May 2022 01:38
Operator : KP/MD
Sample : N2916-02
Misc : 6.48g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
UST-2

Quant Time: May 21 02:49:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

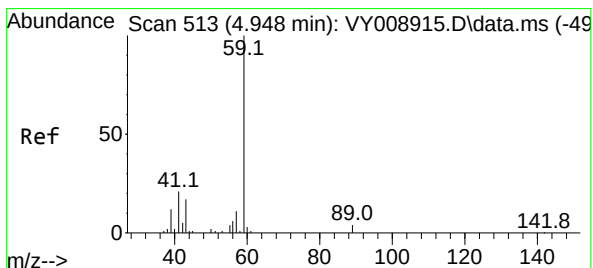
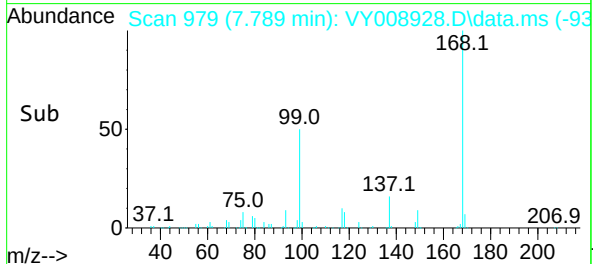
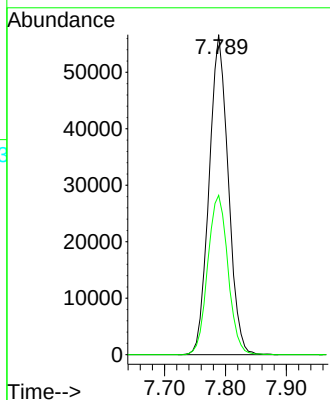
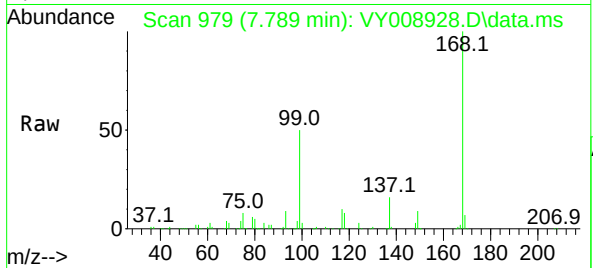




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008928.D
Acq: 21 May 2022 01:38

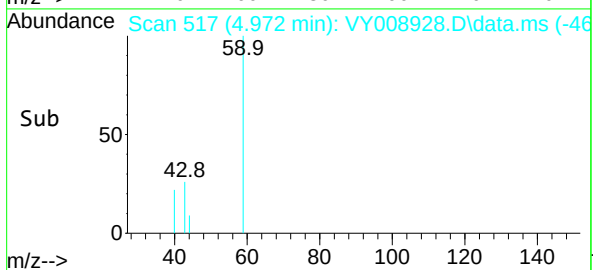
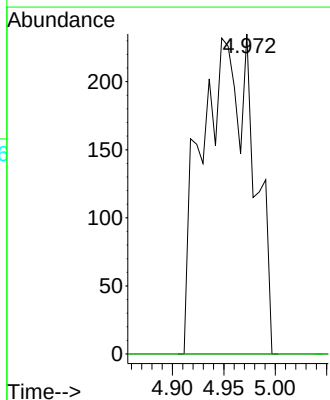
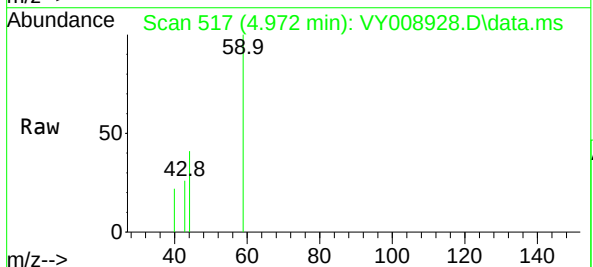
Instrument :
MSVOA_Y
ClientSampleId :
UST-2

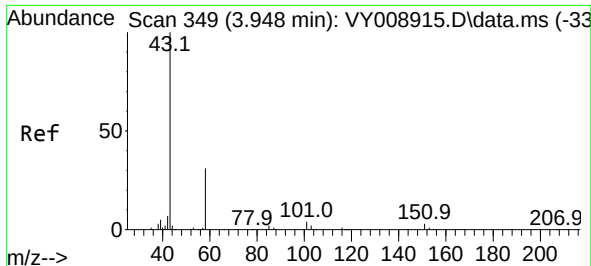
Tgt Ion:168 Resp: 123814
Ion Ratio Lower Upper
168 100
99 49.8 46.9 70.3



#11
Tert butyl alcohol
Concen: 6.236 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.024 min
Lab File: VY008928.D
Acq: 21 May 2022 01:38

Tgt Ion: 59 Resp: 806
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 1.448 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY008928.D

Acq: 21 May 2022 01:38

Instrument :

MSVOA_Y

ClientSampleId :

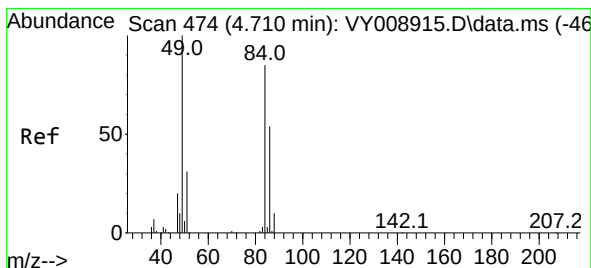
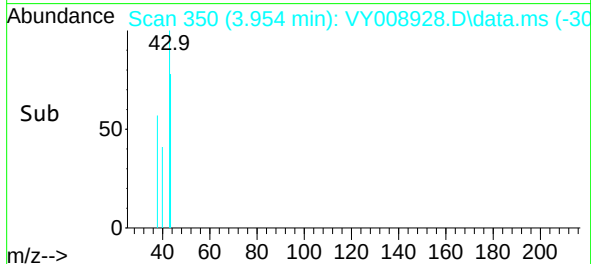
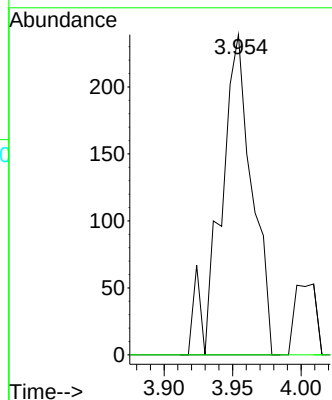
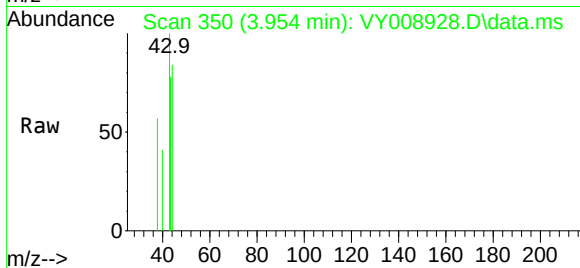
UST-2

Tgt Ion: 43 Resp: 384

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY008928.D

Acq: 21 May 2022 01:38

Tgt Ion: 84 Resp: 8064

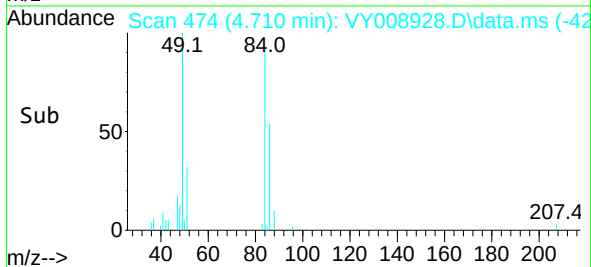
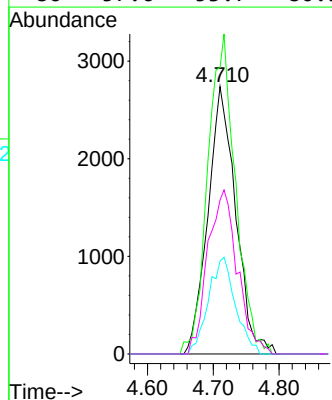
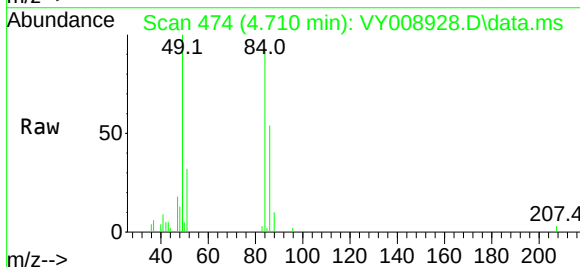
Ion Ratio Lower Upper

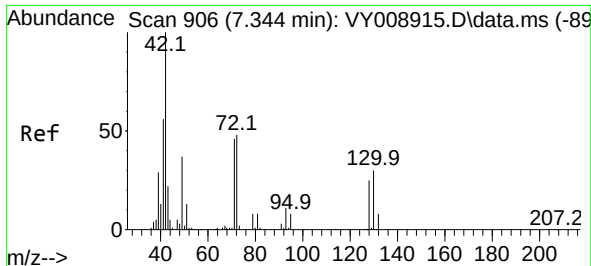
84 100

49 107.2 114.4 171.6#

51 34.7 35.3 52.9#

86 57.6 53.7 80.5





#29

Tetrahydrofuran

Concen: 1.091 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY008928.D

Acq: 21 May 2022 01:38

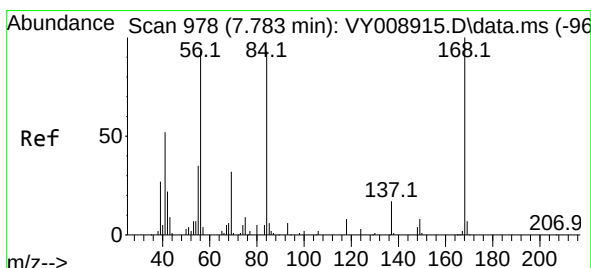
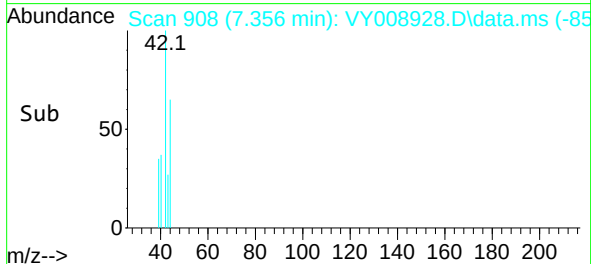
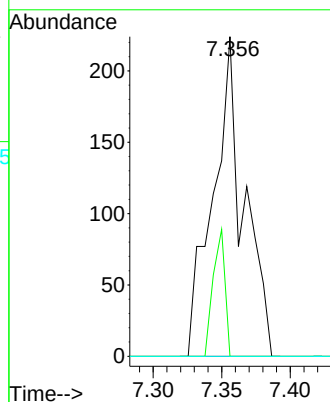
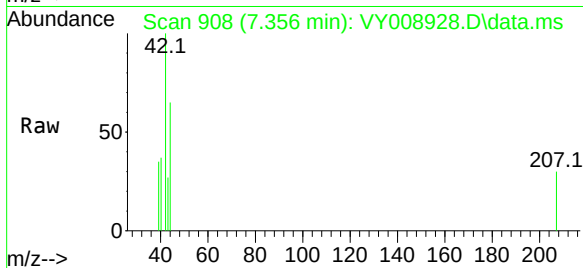
Instrument :

MSVOA_Y

ClientSampleId :

UST-2

Tgt Ion:	42	Resp:	351
Ion	Ratio	Lower	Upper
42	100		
72	15.1	30.3	45.5#
71	0.0	29.0	43.4#



#31

Cyclohexane

Concen: 1.300 ug/l

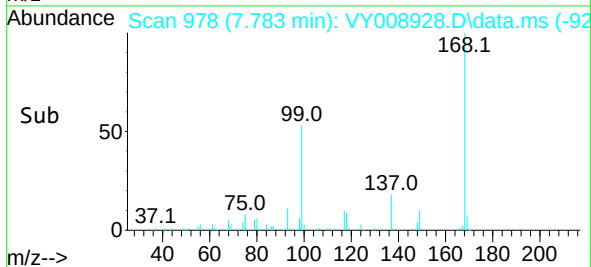
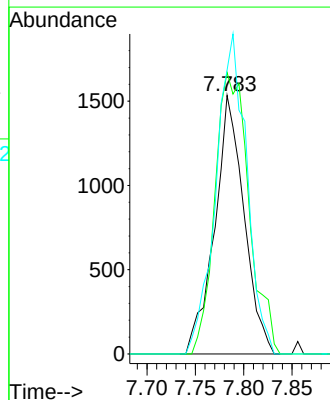
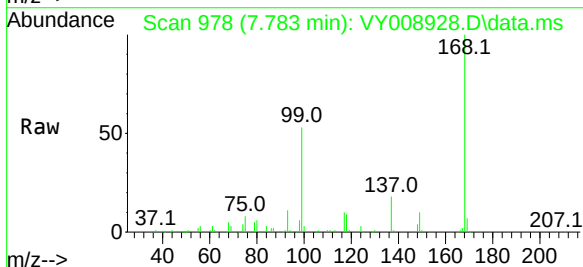
RT: 7.783 min Scan# 978

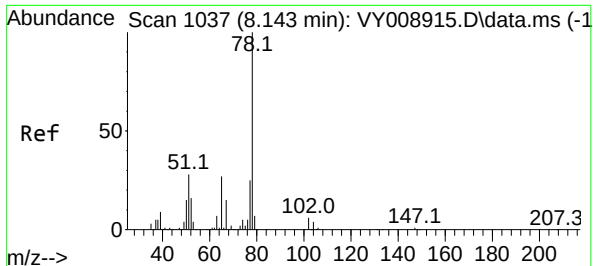
Delta R.T. -0.000 min

Lab File: VY008928.D

Acq: 21 May 2022 01:38

Tgt Ion:	56	Resp:	3240
Ion	Ratio	Lower	Upper
56	100		
69	108.9	26.7	40.1#
84	109.8	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 60.356 ug/l

RT: 8.142 min Scan# 1107

Delta R.T. -0.001 min

Lab File: VY008928.D

Acq: 21 May 2022 01:38

Instrument :

MSVOA_Y

ClientSampleId :

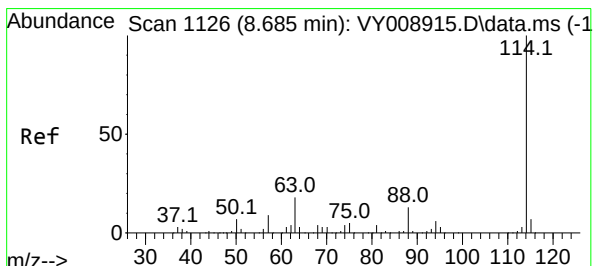
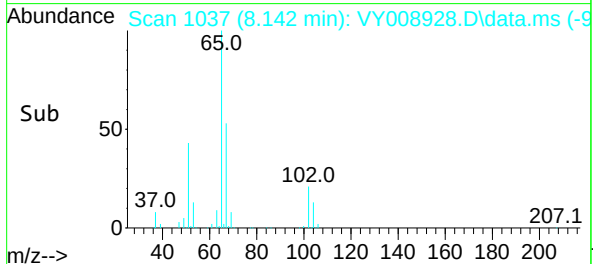
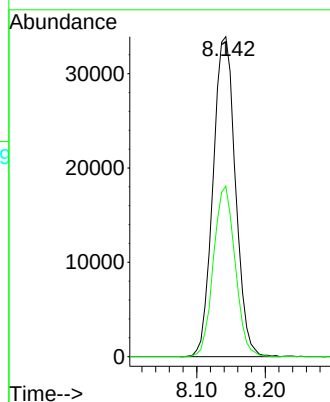
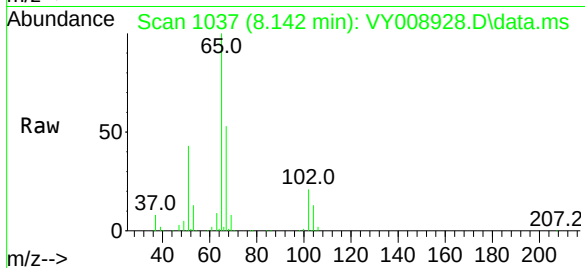
UST-2

Tgt Ion: 65 Resp: 76910

Ion Ratio Lower Upper

65 100

67 51.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008928.D

Acq: 21 May 2022 01:38

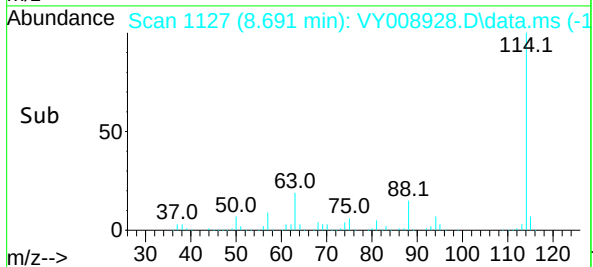
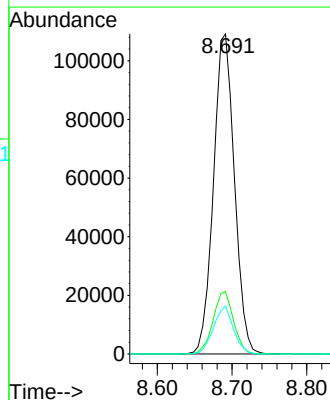
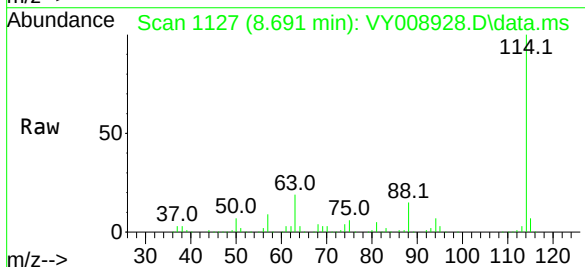
Tgt Ion: 114 Resp: 212780

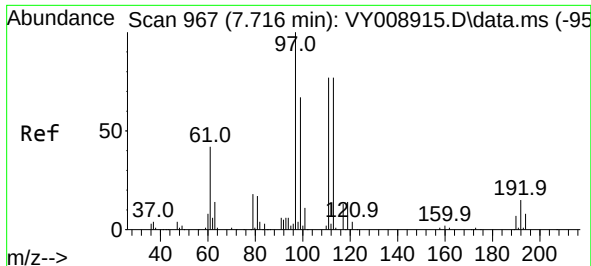
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 14.9 0.0 31.8

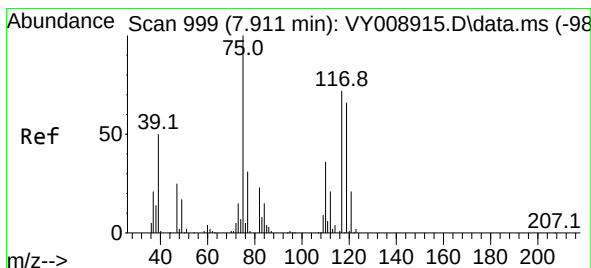
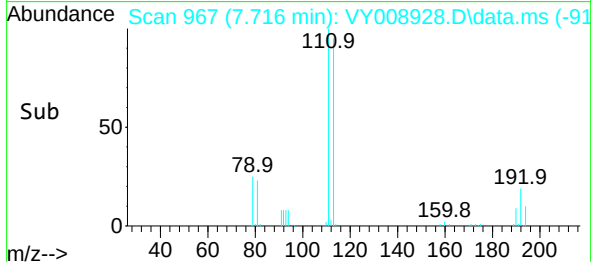
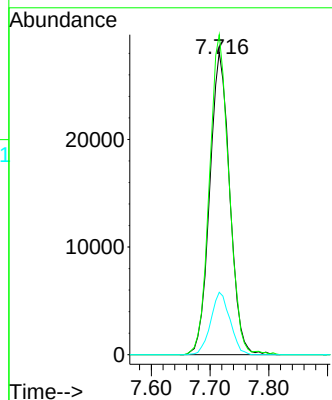
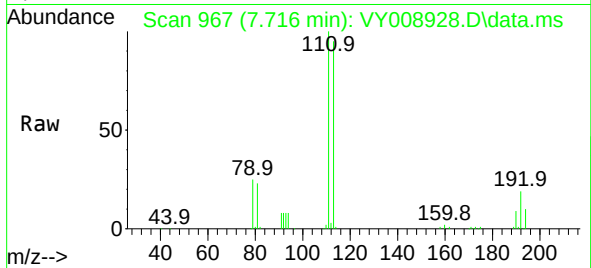




#35
Dibromofluoromethane
Concen: 50.078 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008928.D
Acq: 21 May 2022 01:38

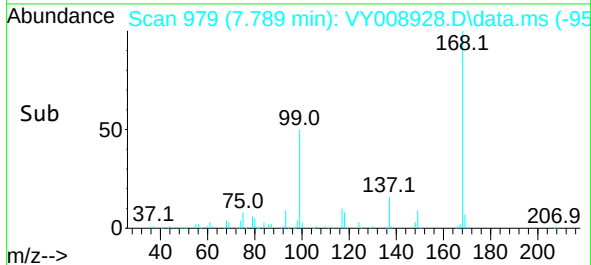
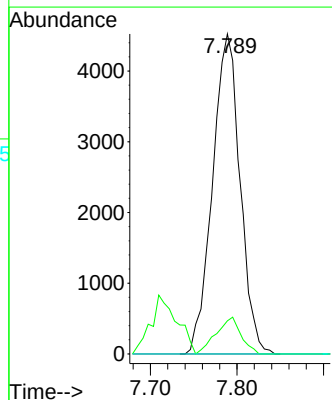
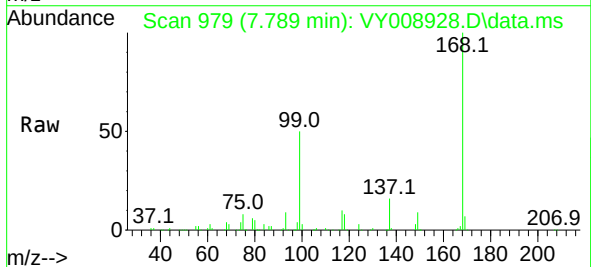
Instrument :
MSVOA_Y
ClientSampleId :
UST-2

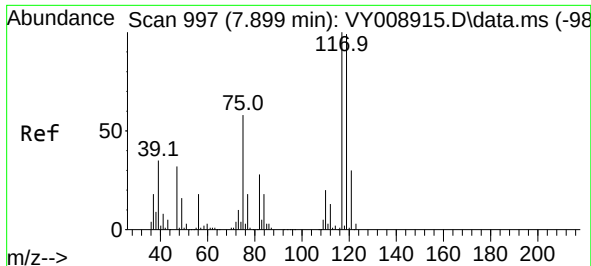
Tgt Ion:113 Resp: 66261
Ion Ratio Lower Upper
113 100
111 104.4 82.6 124.0
192 19.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.434 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY008928.D
Acq: 21 May 2022 01:38

Tgt Ion: 75 Resp: 9985
Ion Ratio Lower Upper
75 100
110 10.4 17.1 51.2#
77 0.0 24.4 36.6#

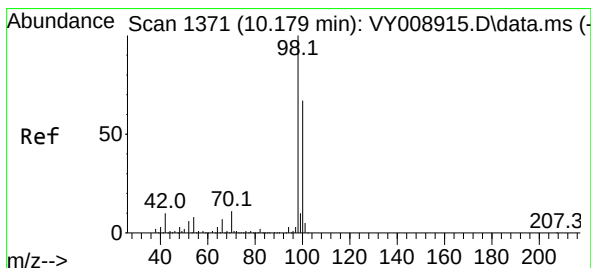
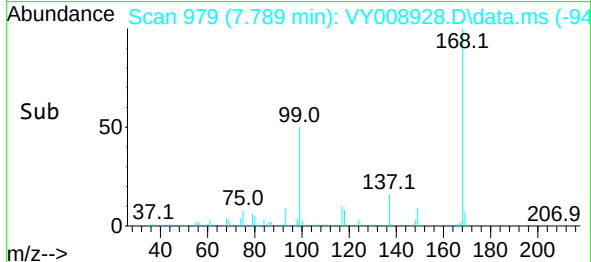
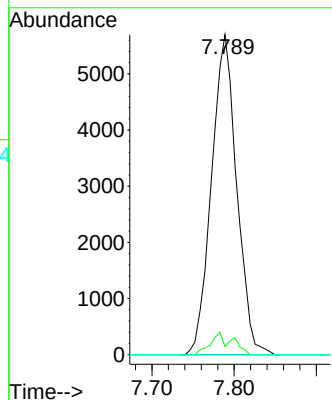
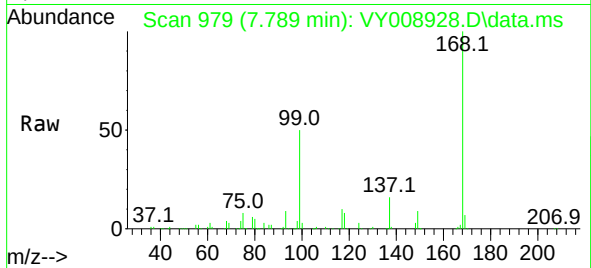




#38
Carbon Tetrachloride
Concen: 5.153 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008928.D
Acq: 21 May 2022 01:38

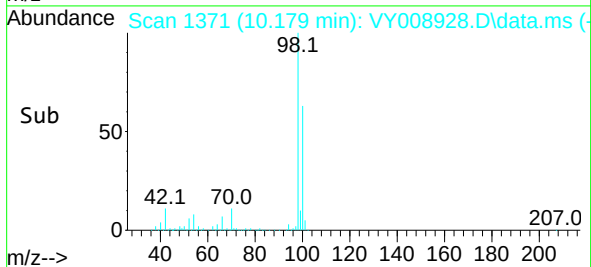
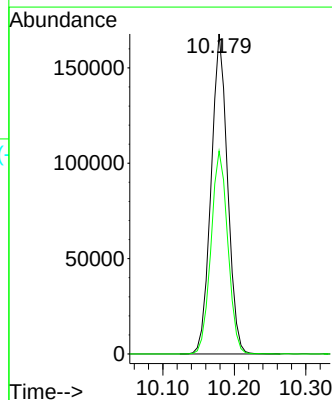
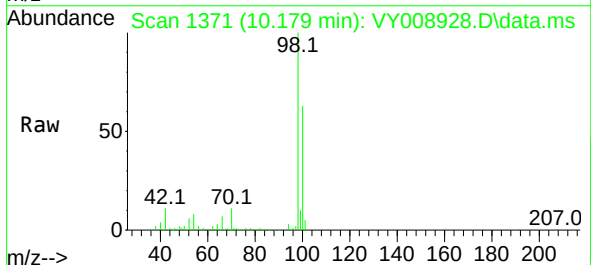
Instrument :
MSVOA_Y
ClientSampleId :
UST-2

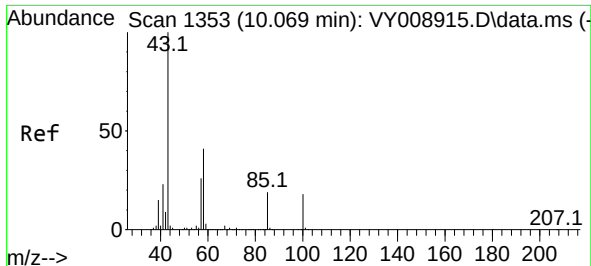
Tgt Ion:117 Resp: 12138
Ion Ratio Lower Upper
117 100
119 2.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.865 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008928.D
Acq: 21 May 2022 01:38

Tgt Ion: 98 Resp: 267812
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

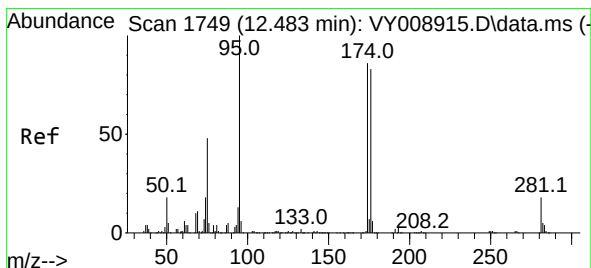
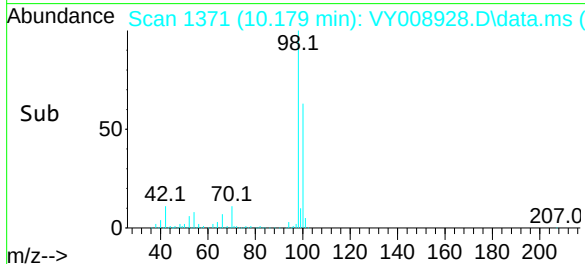
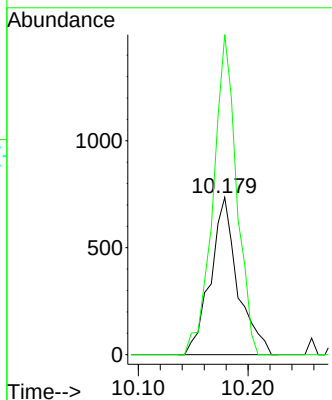
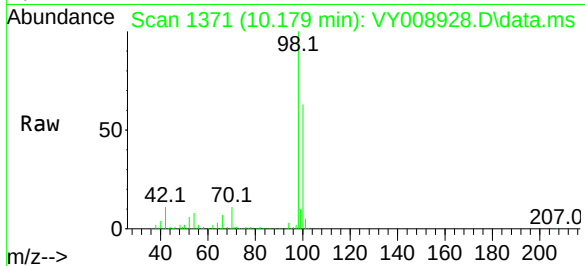




#51
4-Methyl-2-Pentanone
Concen: 1.053 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY008928.D
Acq: 21 May 2022 01:38

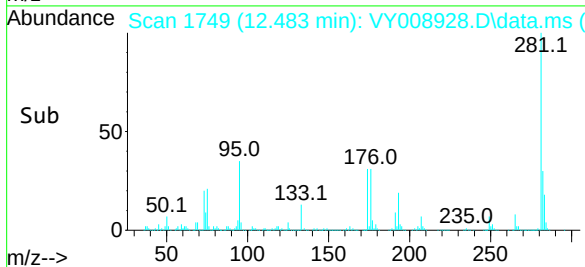
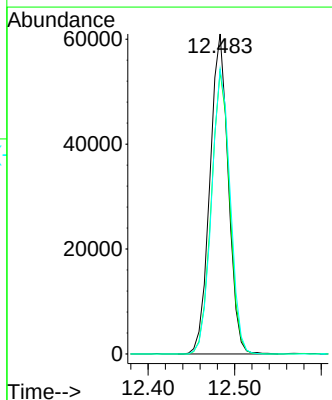
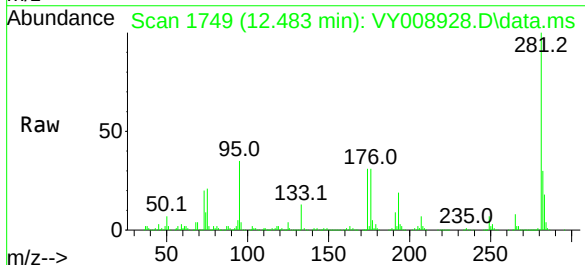
Instrument :
MSVOA_Y
ClientSampleId :
UST-2

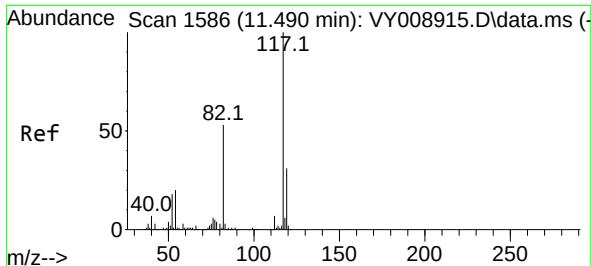
Tgt Ion: 43 Resp: 1266
Ion Ratio Lower Upper
43 100
58 176.5 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 45.720 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008928.D
Acq: 21 May 2022 01:38

Tgt Ion: 95 Resp: 90025
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.0
176 90.1 0.0 175.8

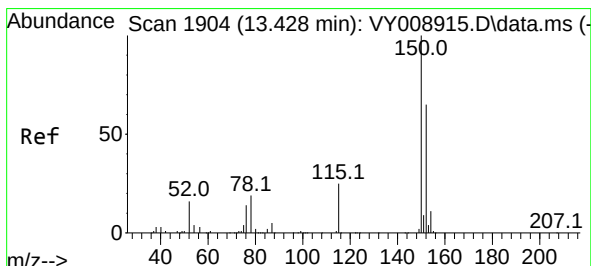
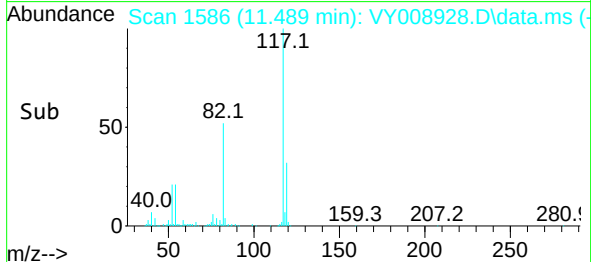
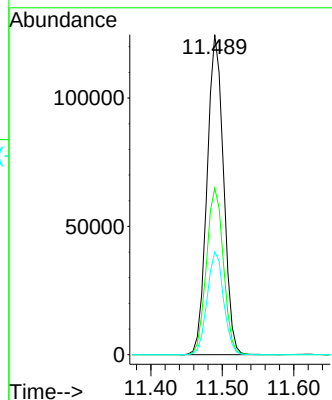
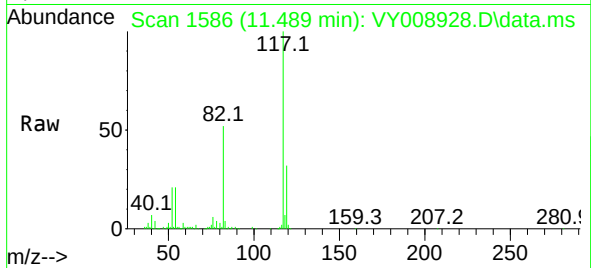




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY008928.D
Acq: 21 May 2022 01:38

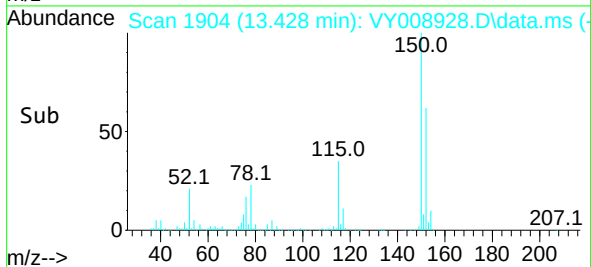
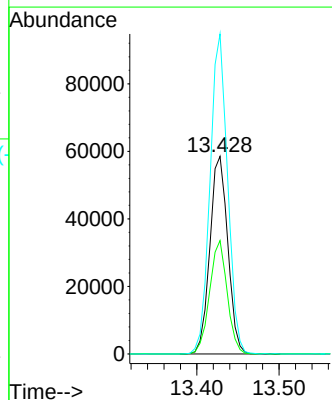
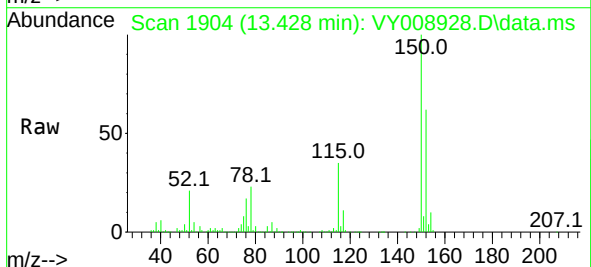
Instrument :
MSVOA_Y
ClientSampleId :
UST-2

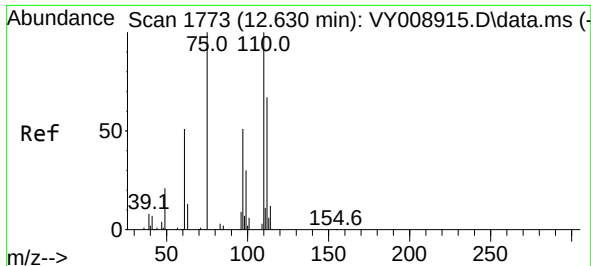
Tgt Ion:117 Resp: 199496
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008928.D
Acq: 21 May 2022 01:38

Tgt Ion:152 Resp: 88659
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 158.2 0.0 347.6

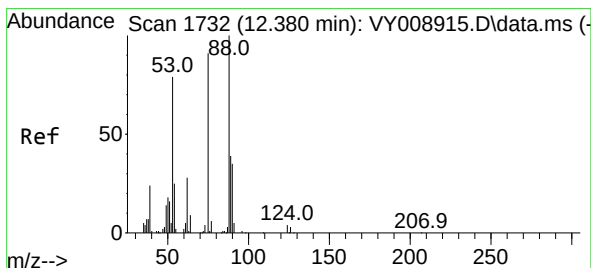
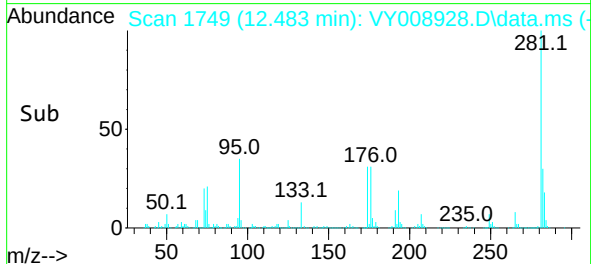
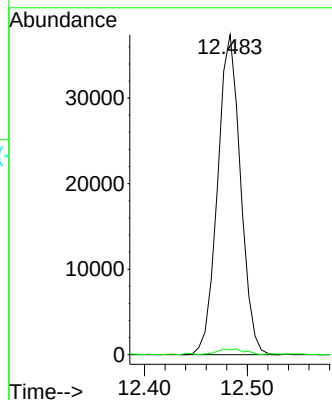
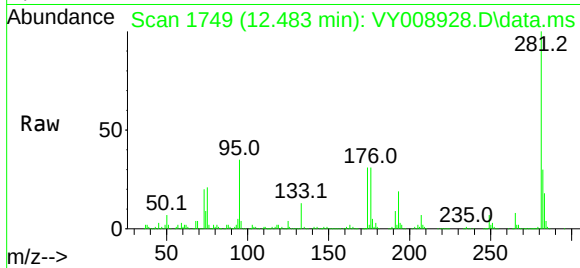




#76
1,2,3-Trichloropropane
Concen: 60.705 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY008928.D
Acq: 21 May 2022 01:38

Instrument :
MSVOA_Y
ClientSampleId :
UST-2

Tgt Ion: 75 Resp: 57797
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.598 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008928.D
Acq: 21 May 2022 01:38

Tgt Ion: 75 Resp: 57797
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 4.0 37.0 55.4#

