

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
 Data File : VY011458.D
 Acq On : 15 Nov 2022 15:14
 Operator : KP/MD
 Sample : N5598-12
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FRAC-TANK-SLURRY-0760533

Quant Time: Nov 16 00:21:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

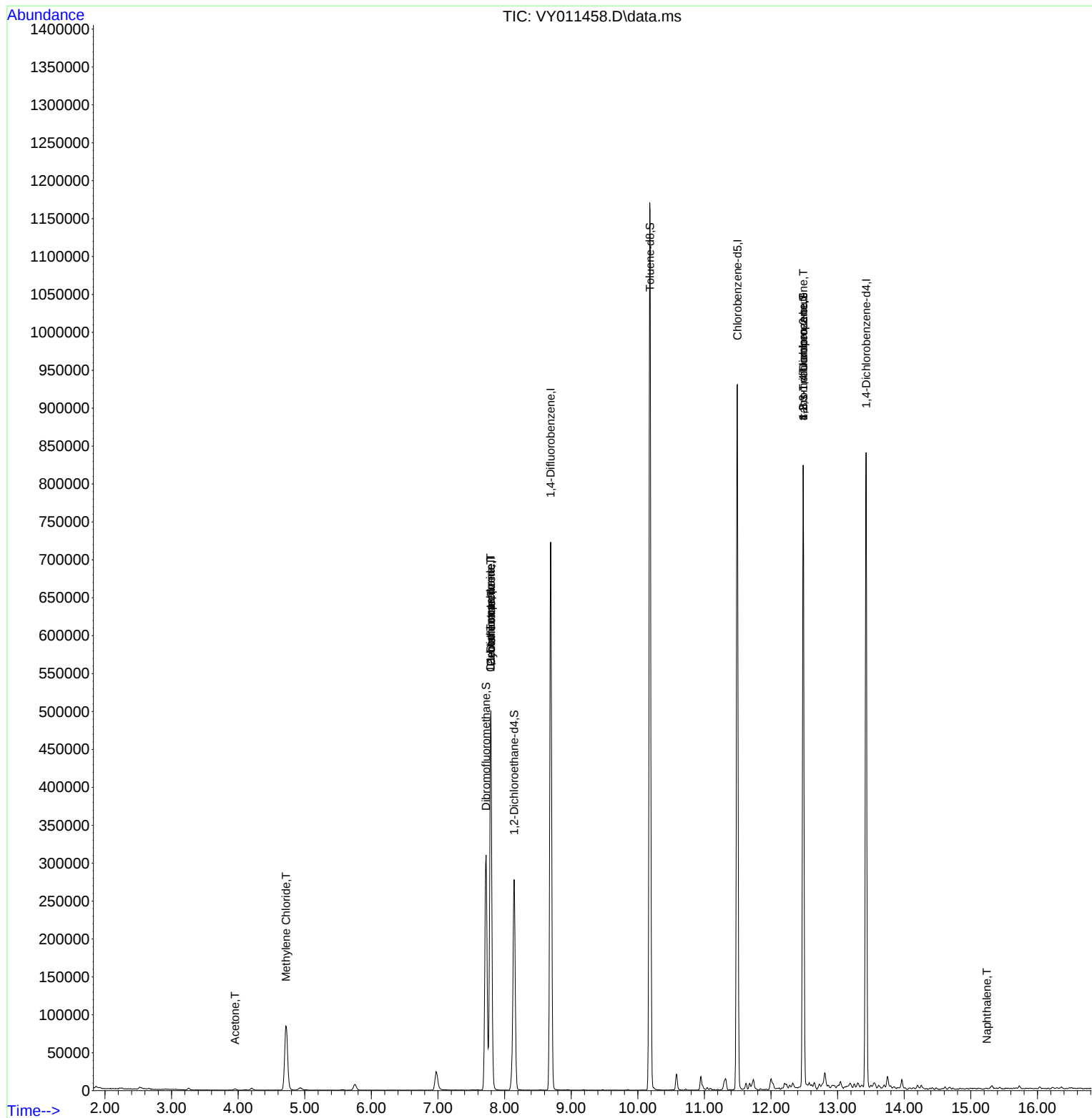
Internal Standards						
1) Pentafluorobenzene	7.795	168	406772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	660412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	559049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	230432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	207814	60.967	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.940%	
35) Dibromofluoromethane	7.722	113	226487	61.195	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.380%	
50) Toluene-d8	10.185	98	816233	57.728	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.460%	
62) 4-Bromofluorobenzene	12.483	95	257086	52.130	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.260%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	471	Below Cal	91	
11) Tert butyl alcohol	4.936	59	3787	Below Cal	#	77
16) Acetone	3.954	43	2791	3.103	ug/l #	75
18) Methyl Acetate	4.710	43	161	Below Cal	#	56
20) Methylene Chloride	4.716	84	72534	8.637	ug/l #	79
31) Cyclohexane	7.795	56	6385	1.042	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	27684	4.819	ug/l #	51
38) Carbon Tetrachloride	7.789	117	37695	6.033	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	123008	46.117	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	123008	110.851	ug/l #	7
95) Naphthalene	15.239	128	1273	3.412	ug/l #	97

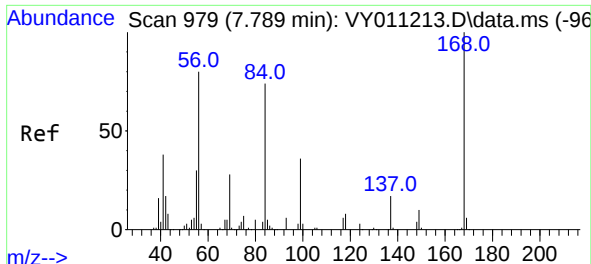
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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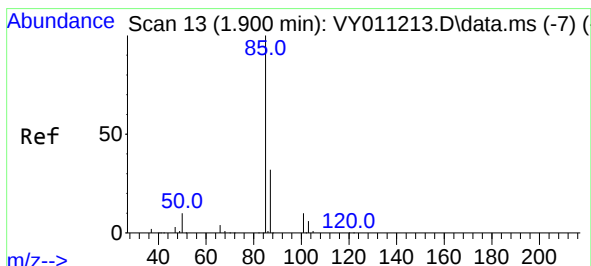
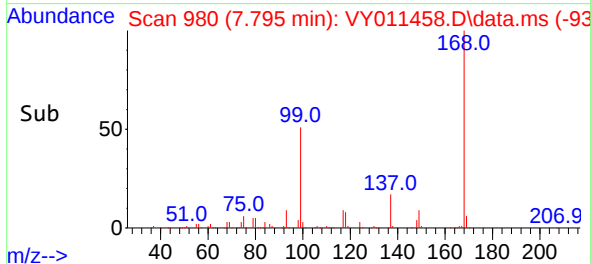
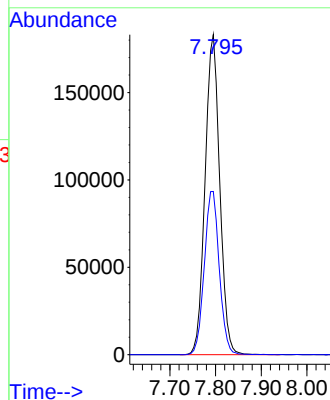
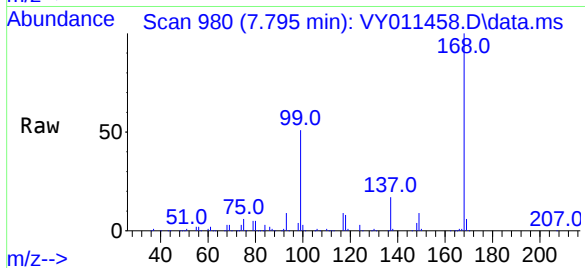




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011458.D
Acq: 15 Nov 2022 15:14

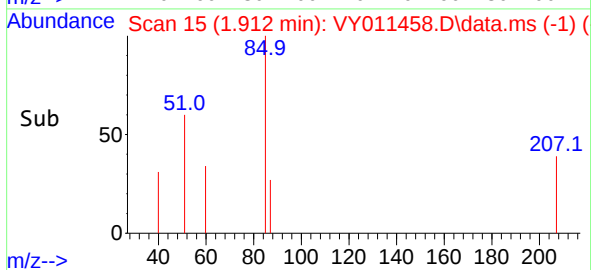
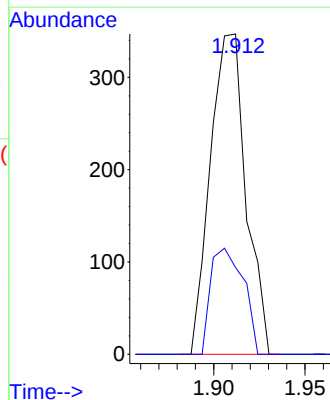
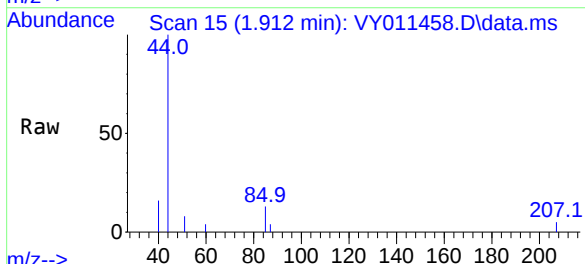
Instrument :
MSVOA_Y
ClientSampleId :
FRAC-TANK-SLURRY-0760533

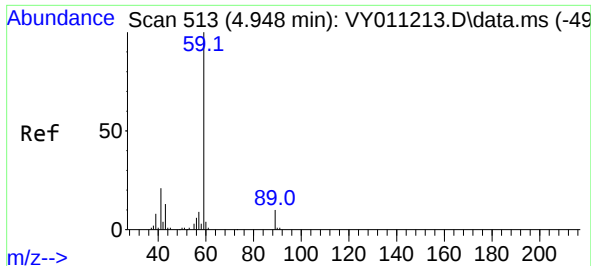
Tgt Ion:168 Resp: 406772
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY011458.D
Acq: 15 Nov 2022 15:14

Tgt Ion: 85 Resp: 471
Ion Ratio Lower Upper
85 100
87 27.1 16.1 48.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY011458.D

Acq: 15 Nov 2022 15:14

Instrument :

MSVOA_Y

ClientSampleId :

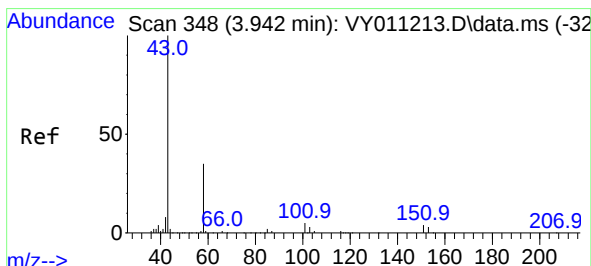
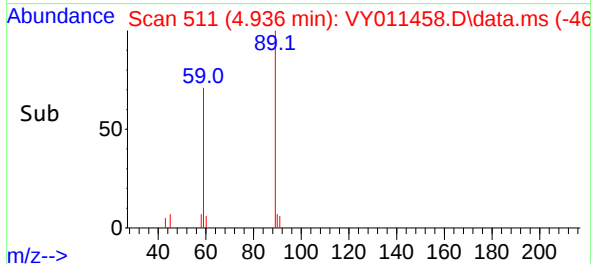
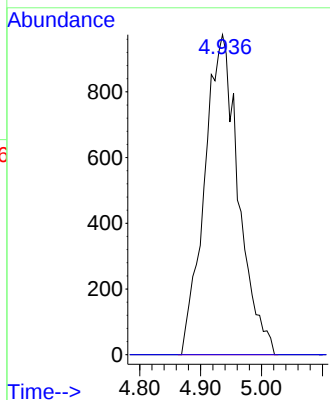
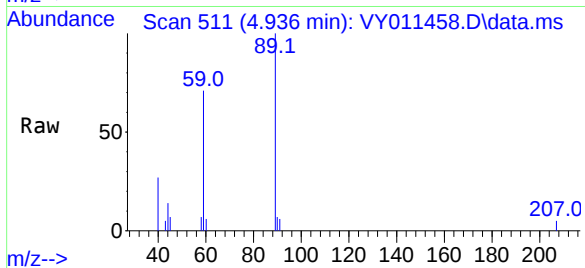
FRAC-TANK-SLURRY-0760533

Tgt Ion: 59 Resp: 3787

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 3.103 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY011458.D

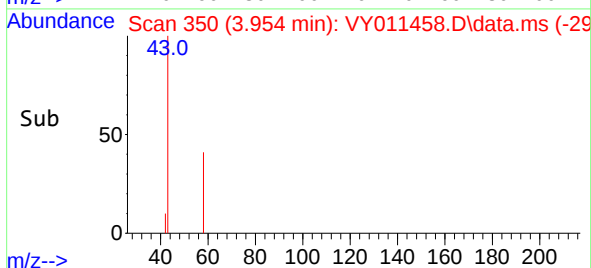
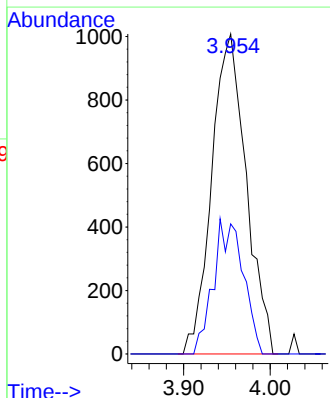
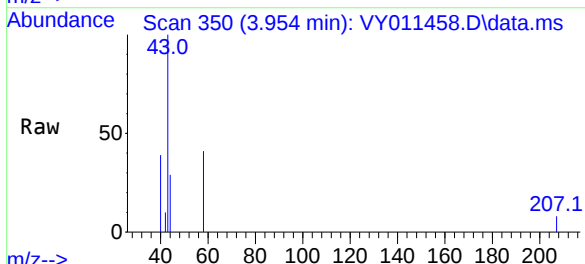
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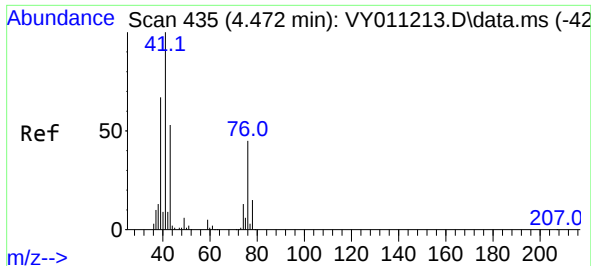
Tgt Ion: 43 Resp: 2791

Ion Ratio Lower Upper

43 100

58 40.7 22.0 33.0#

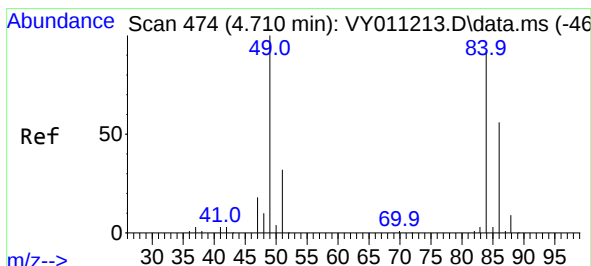
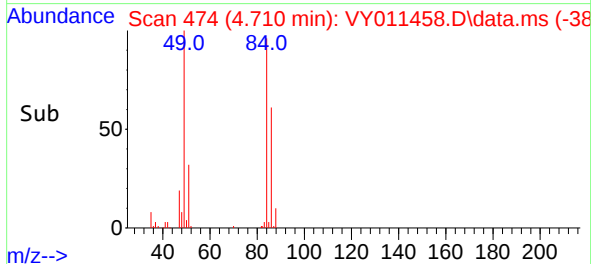
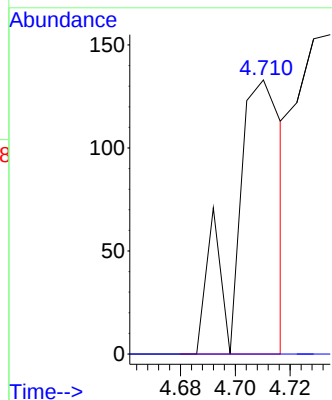
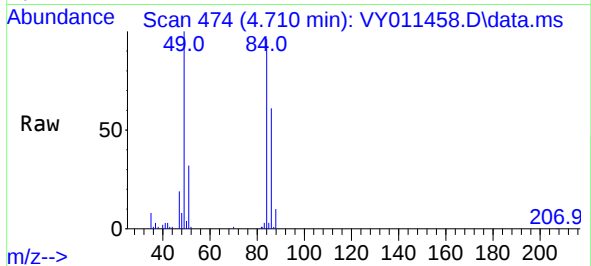




#18
Methyl Acetate
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.237 min
Lab File: VY011458.D
Acq: 15 Nov 2022 15:14

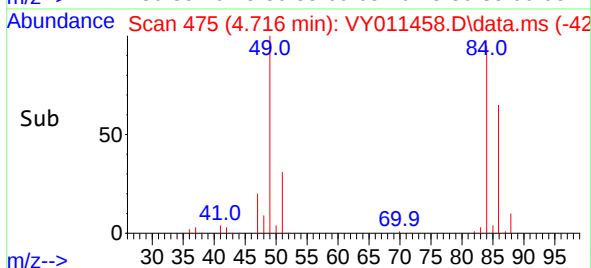
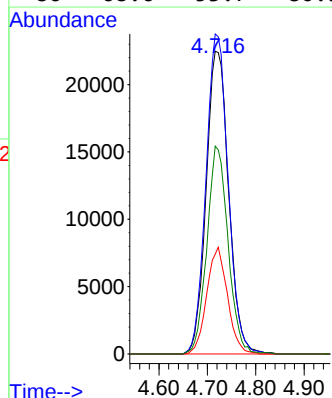
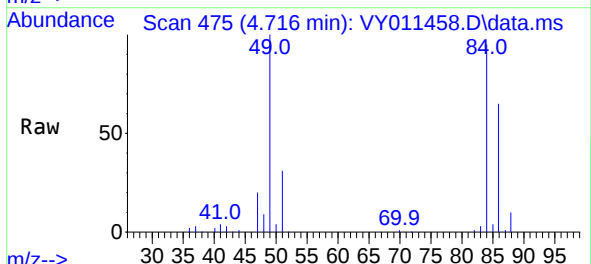
Instrument :
MSVOA_Y
ClientSampleId :
FRAC-TANK-SLURRY-0760533

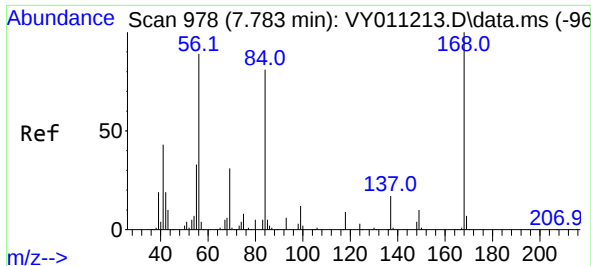
Tgt Ion: 43 Resp: 161
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 8.637 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011458.D
Acq: 15 Nov 2022 15:14

Tgt Ion: 84 Resp: 72534
Ion Ratio Lower Upper
84 100
49 105.7 114.4 171.6#
51 33.0 35.3 52.9#
86 68.6 53.7 80.5

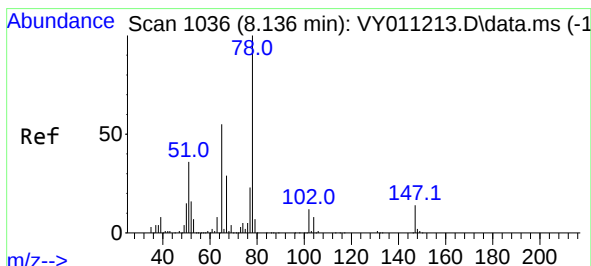
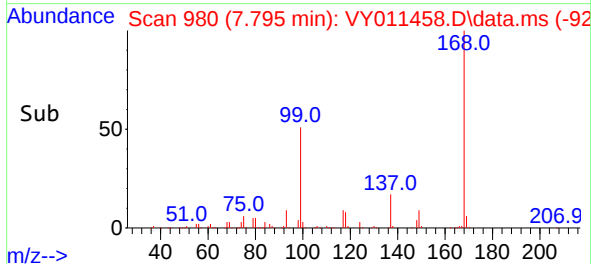
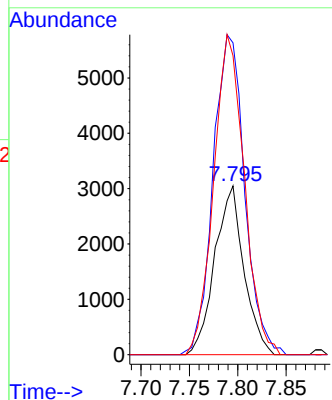
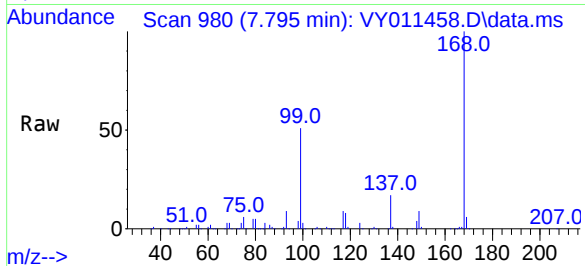




#31
Cyclohexane
Concen: 1.042 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY011458.D
Acq: 15 Nov 2022 15:14

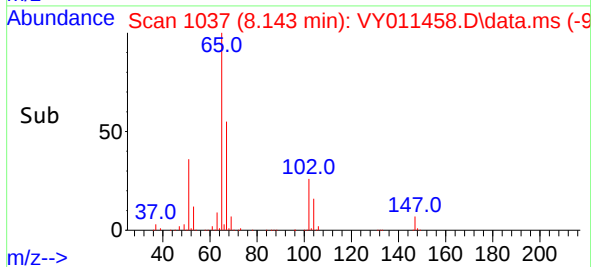
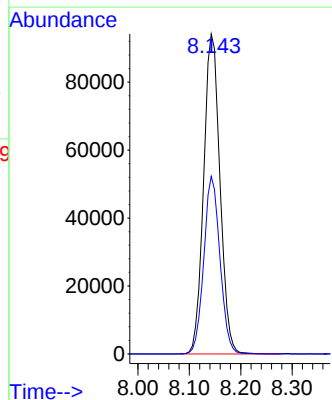
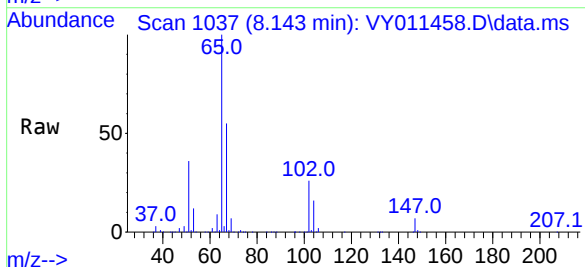
Instrument :
MSVOA_Y
ClientSampleId :
FRAC-TANK-SLURRY-0760533

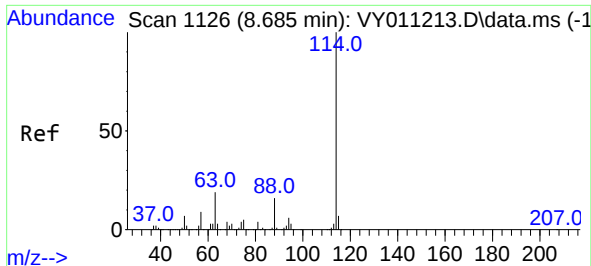
Tgt Ion: 56 Resp: 6385
Ion Ratio Lower Upper
56 100
69 184.8 26.7 40.1#
84 177.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 60.967 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011458.D
Acq: 15 Nov 2022 15:14

Tgt Ion: 65 Resp: 207814
Ion Ratio Lower Upper
65 100
67 54.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY011458.D

Acq: 15 Nov 2022 15:14

Instrument :

MSVOA_Y

ClientSampleId :

FRAC-TANK-SLURRY-0760533

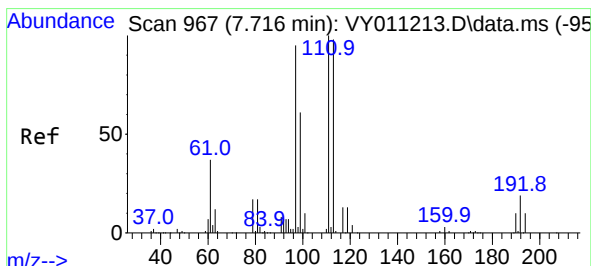
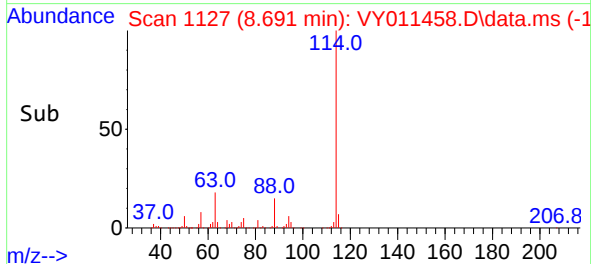
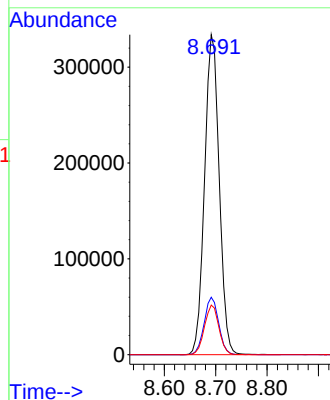
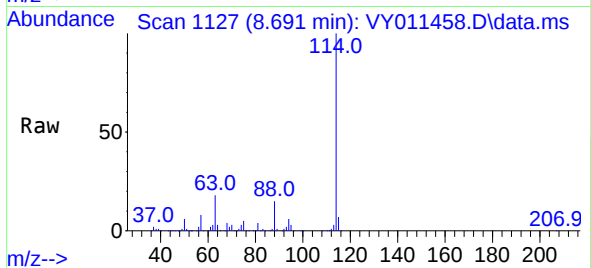
Tgt Ion:114 Resp: 660412

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 61.195 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY011458.D

Acq: 15 Nov 2022 15:14

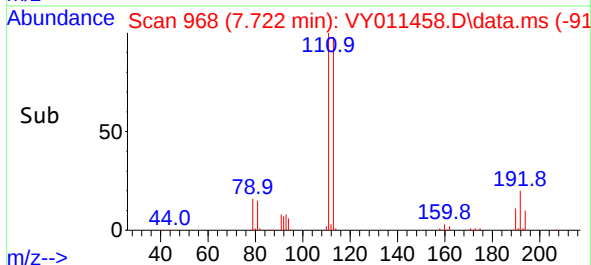
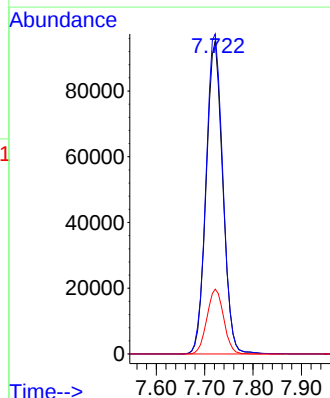
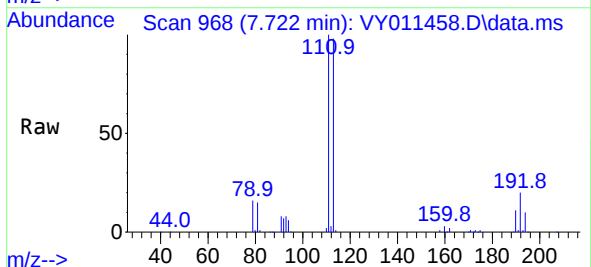
Tgt Ion:113 Resp: 226487

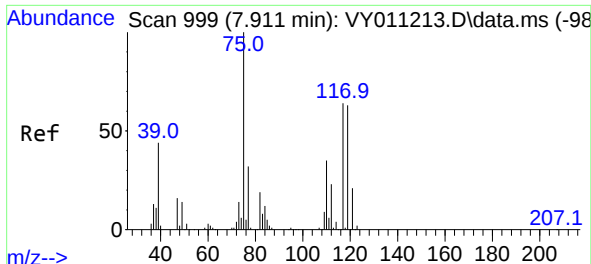
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 20.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.819 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011458.D

Acq: 15 Nov 2022 15:14

Instrument :

MSVOA_Y

ClientSampleId :

FRAC-TANK-SLURRY-0760533

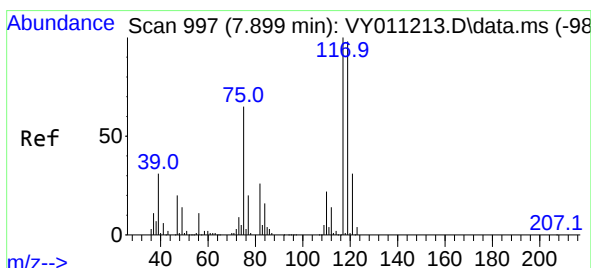
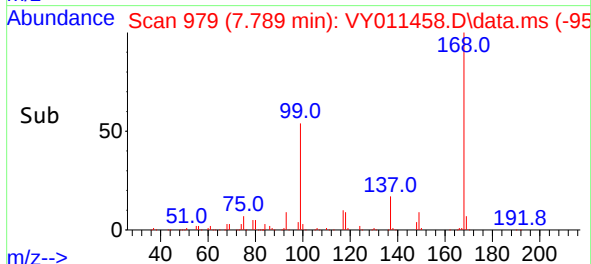
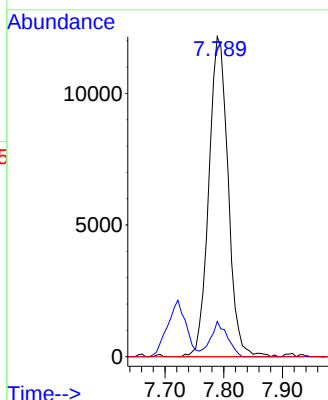
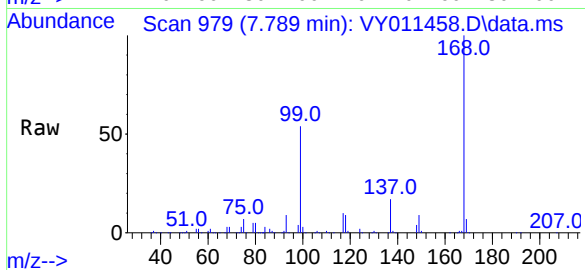
Tgt Ion: 75 Resp: 27684

Ion Ratio Lower Upper

75 100

110 9.6 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.033 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY011458.D

Acq: 15 Nov 2022 15:14

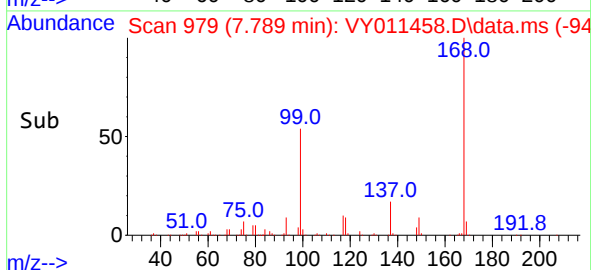
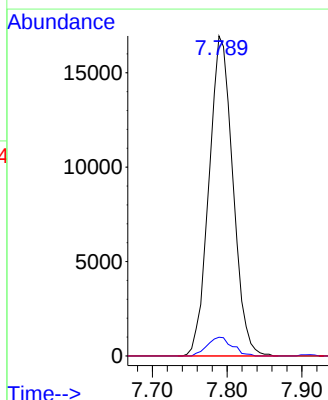
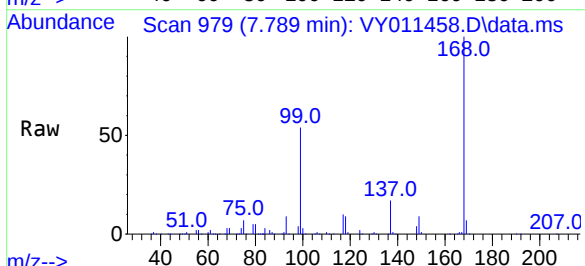
Tgt Ion: 117 Resp: 37695

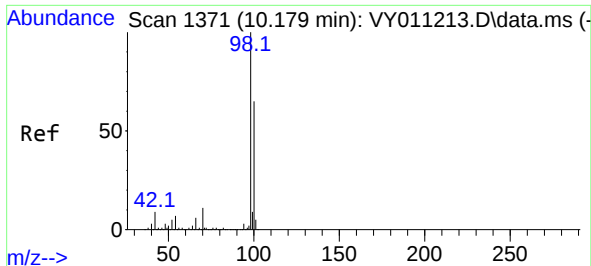
Ion Ratio Lower Upper

117 100

119 5.9 77.9 116.9#

121 0.0 24.8 37.2#

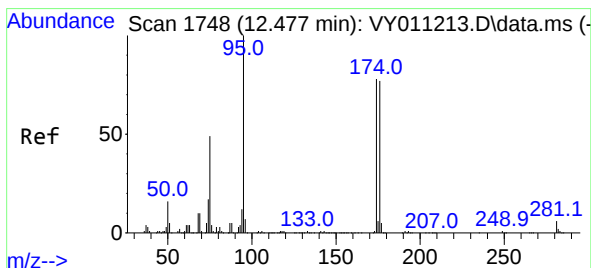
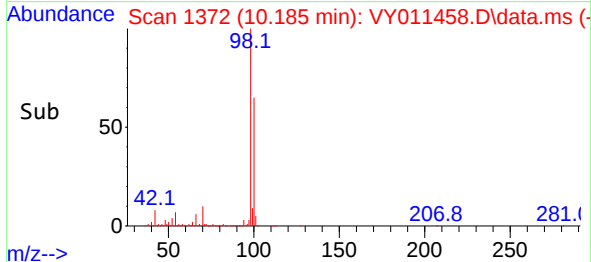
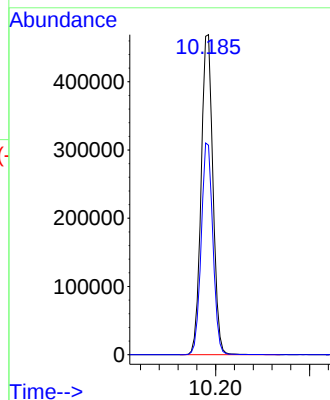
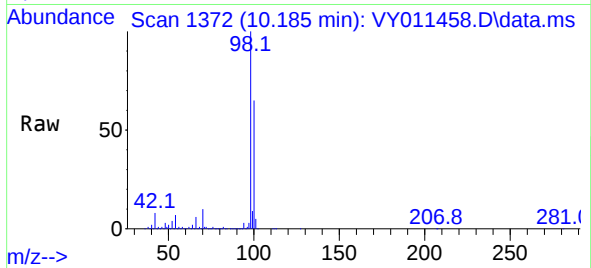




#50
Toluene-d8
Concen: 57.728 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011458.D
Acq: 15 Nov 2022 15:14

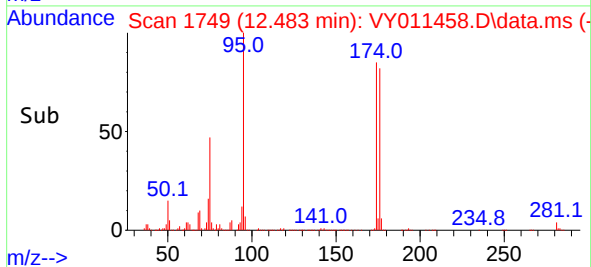
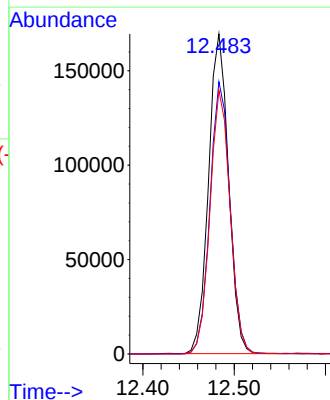
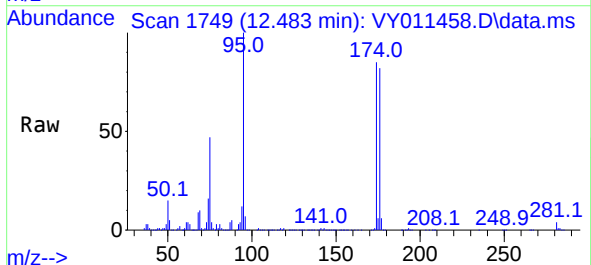
Instrument :
MSVOA_Y
ClientSampleId :
FRAC-TANK-SLURRY-0760533

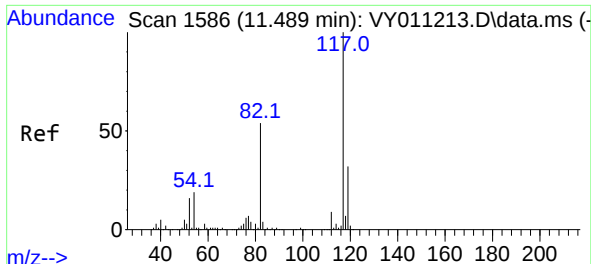
Tgt Ion: 98 Resp: 816233
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.130 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011458.D
Acq: 15 Nov 2022 15:14

Tgt Ion: 95 Resp: 257086
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.0
176 83.1 0.0 175.8

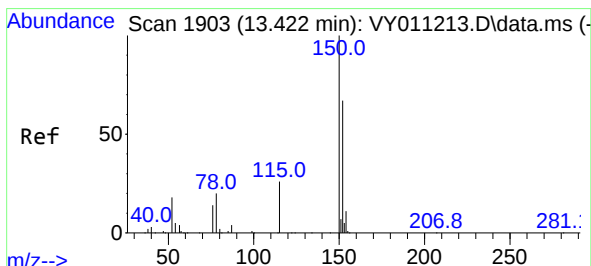
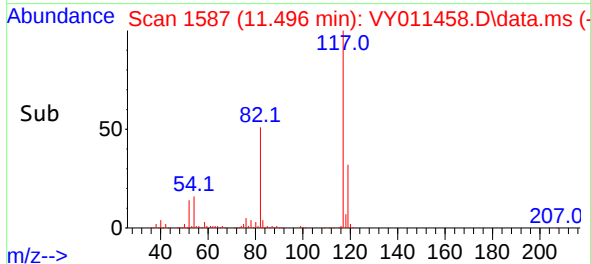
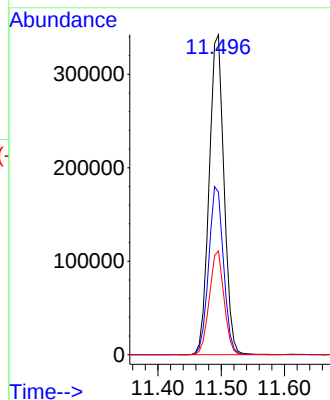
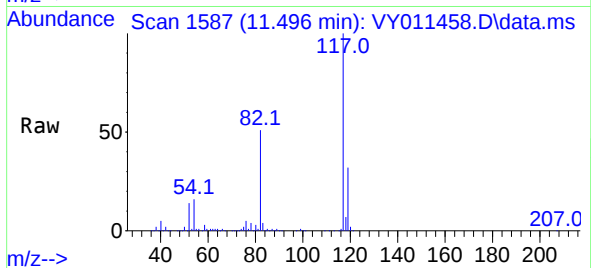




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011458.D
Acq: 15 Nov 2022 15:14

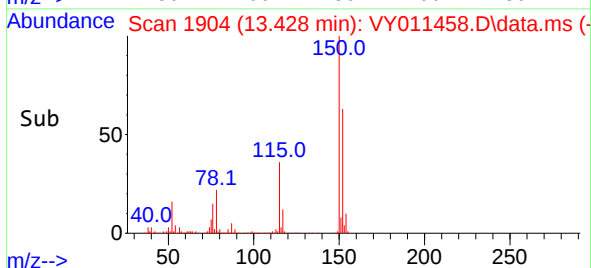
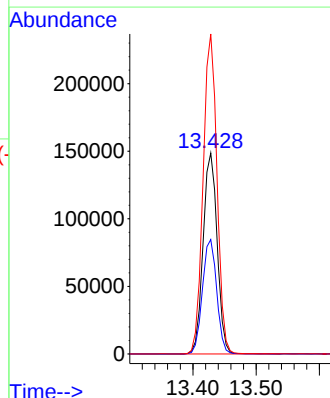
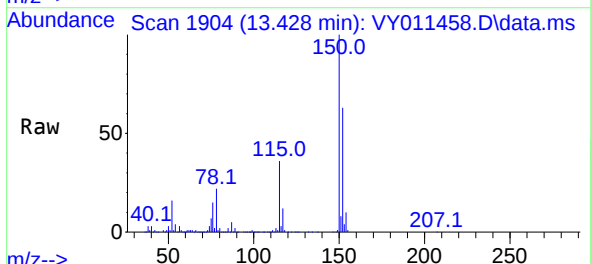
Instrument :
MSVOA_Y
ClientSampleId :
FRAC-TANK-SLURRY-0760533

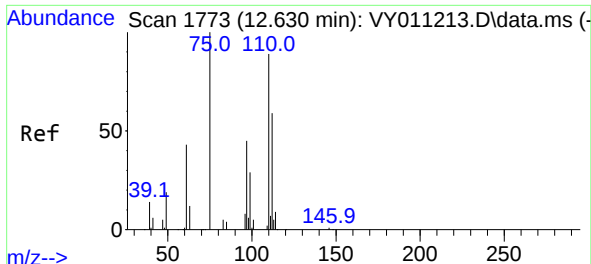
Tgt Ion:117 Resp: 559049
Ion Ratio Lower Upper
117 100
82 50.8 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011458.D
Acq: 15 Nov 2022 15:14

Tgt Ion:152 Resp: 230432
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 157.4 0.0 347.6

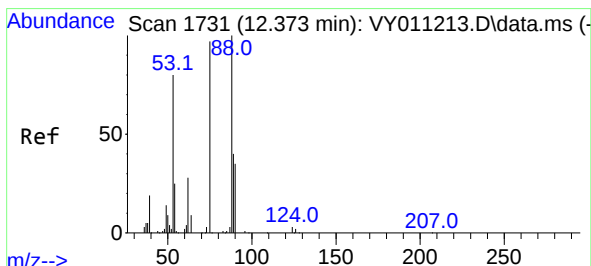
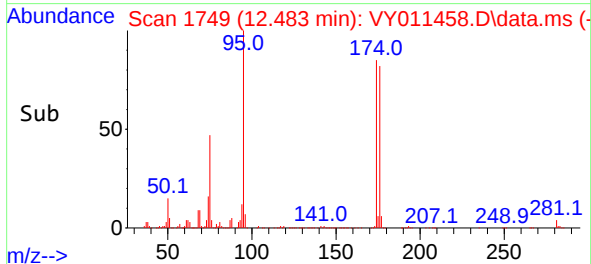
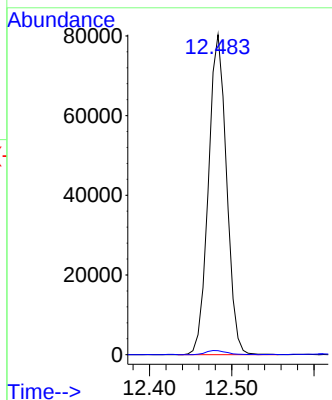
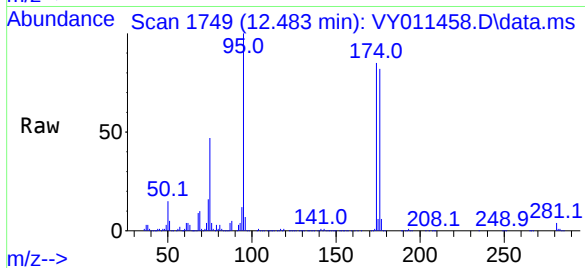




#76
1,2,3-Trichloropropane
Concen: 46.117 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011458.D
Acq: 15 Nov 2022 15:14

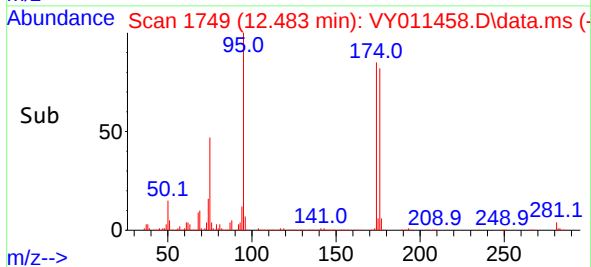
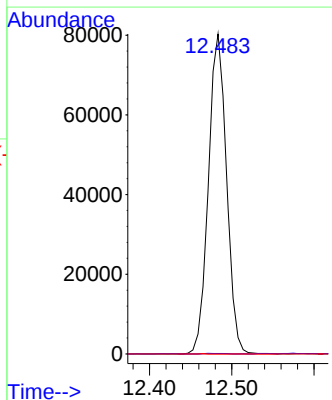
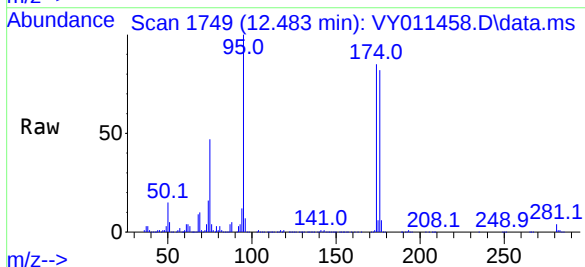
Instrument :
MSVOA_Y
ClientSampleId :
FRAC-TANK-SLURRY-0760533

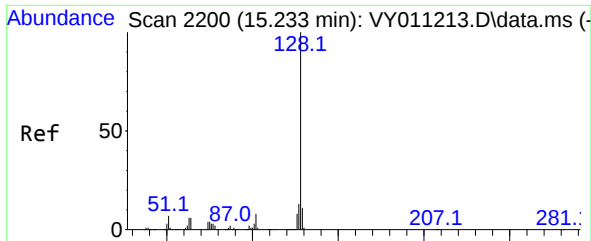
Tgt Ion: 75 Resp: 123008
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.851 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011458.D
Acq: 15 Nov 2022 15:14

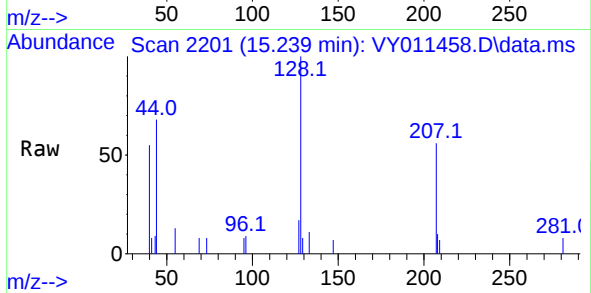
Tgt Ion: 75 Resp: 123008
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 3.412 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY011458.D
Acq: 15 Nov 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
FRAC-TANK-SLURRY-0760533



Tgt Ion:	128	Resp:	1273
Ion	Ratio	Lower	Upper
128	100		
127	13.6	11.0	16.4
129	8.2	8.4	12.6#

