

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011486.D
 Acq On : 16 Nov 2022 20:10
 Operator : KP/MD
 Sample : N5641-16
 Misc : 7.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 03:18:14 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	7.789	168	257382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	469895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	446858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	206026	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	145700	67.554	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.100%	
35) Dibromofluoromethane	7.716	113	147520	56.019	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.040%	
50) Toluene-d8	10.179	98	551229	54.792	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.580%	
62) 4-Bromofluorobenzene	12.483	95	183797	52.379	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.760%	

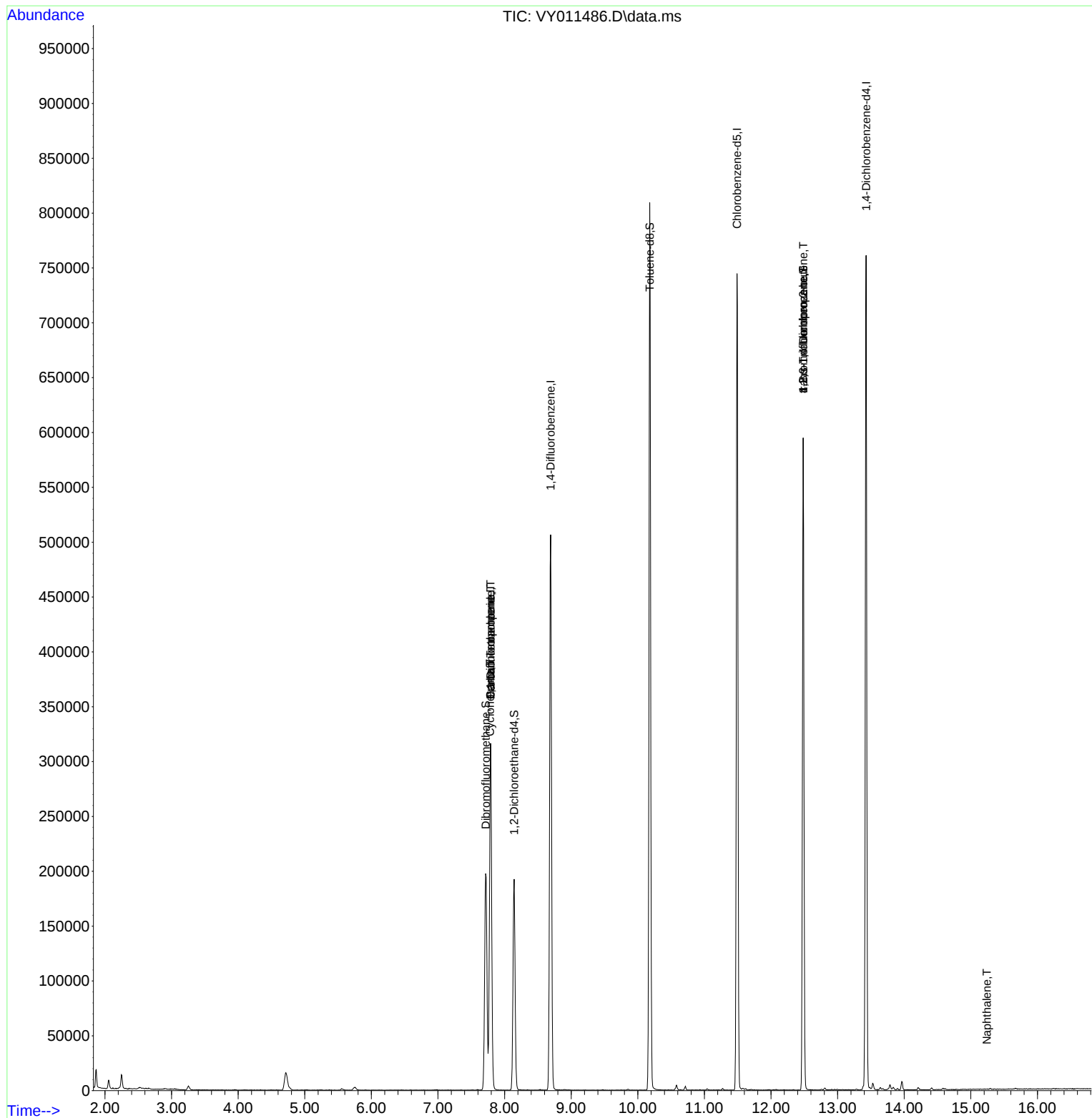
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.900	85	50	Below Cal	#	43
11) Tert butyl alcohol	4.960	59	162	Below Cal	#	77
18) Methyl Acetate	4.478	43	164	Below Cal	#	56
20) Methylene Chloride	4.716	84	13233	Below Cal	#	73
31) Cyclohexane	7.783	56	4372	1.128	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	16943	4.145	ug/l #	51
38) Carbon Tetrachloride	7.789	117	24370	5.481	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	88329	37.038	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	88329	89.029	ug/l #	7
95) Naphthalene	15.239	128	147	3.293	ug/l #	69

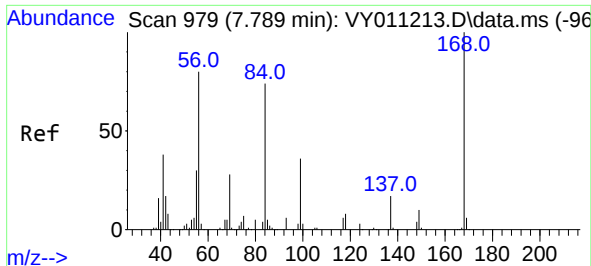
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
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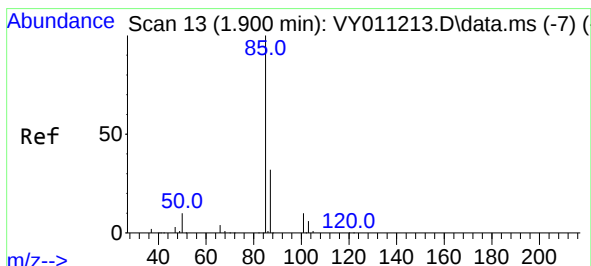
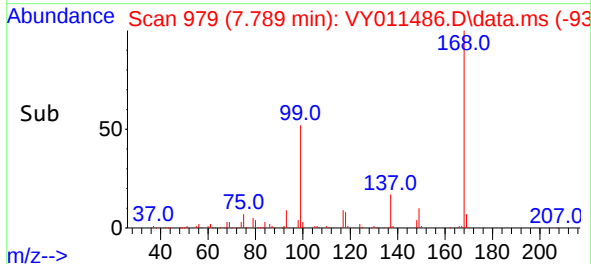
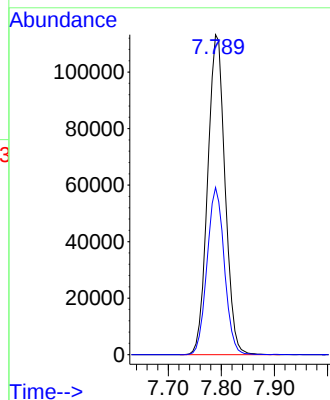
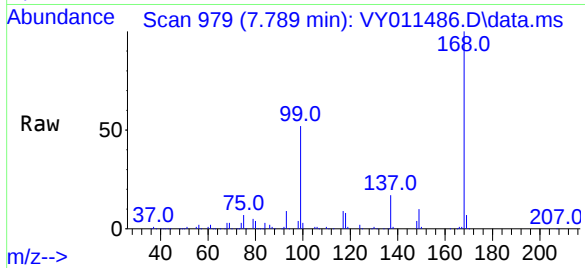




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011486.D
Acq: 16 Nov 2022 20:10

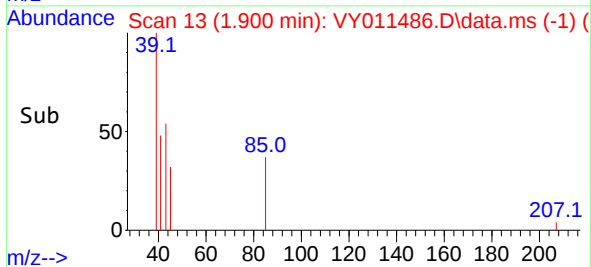
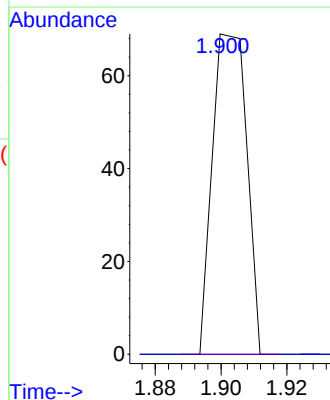
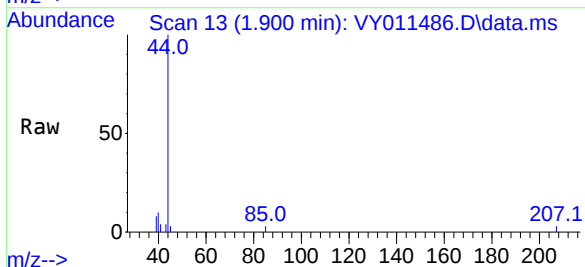
Instrument :
MSVOA_Y
ClientSampleId :

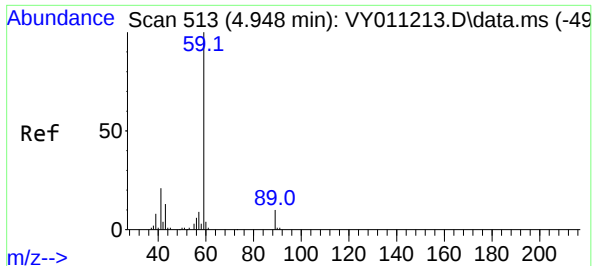
Tgt Ion:168 Resp: 257382
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011486.D
Acq: 16 Nov 2022 20:10

Tgt Ion: 85 Resp: 50
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.960 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY011486.D

Acq: 16 Nov 2022 20:10

Instrument :

MSVOA_Y

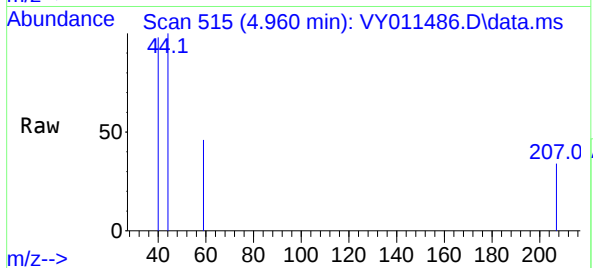
ClientSampleId :

Tgt Ion: 59 Resp: 162

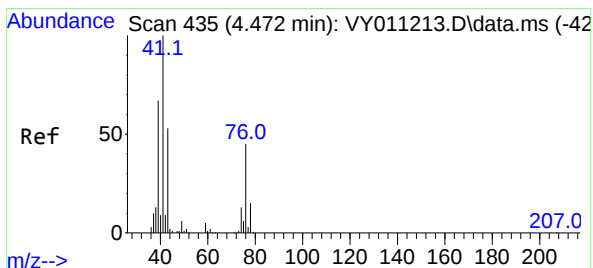
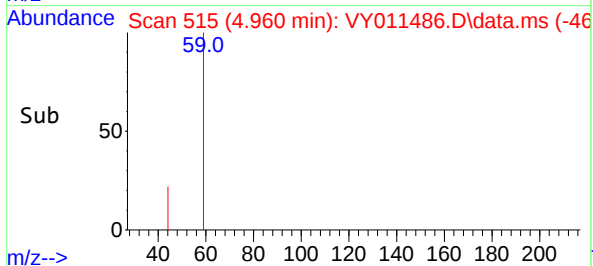
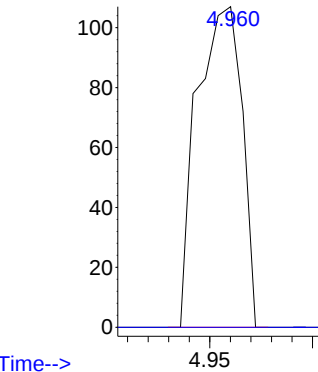
Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



Abundance



#18

Methyl Acetate

Concen: Below Cal

RT: 4.478 min Scan# 436

Delta R.T. 0.005 min

Lab File: VY011486.D

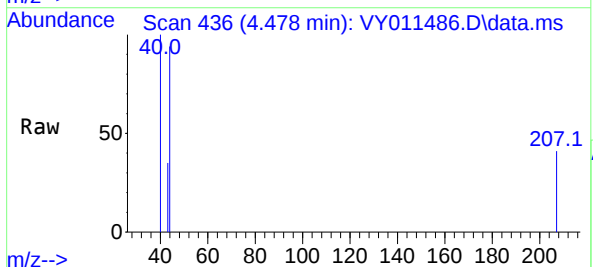
Acq: 16 Nov 2022 20:10

Tgt Ion: 43 Resp: 164

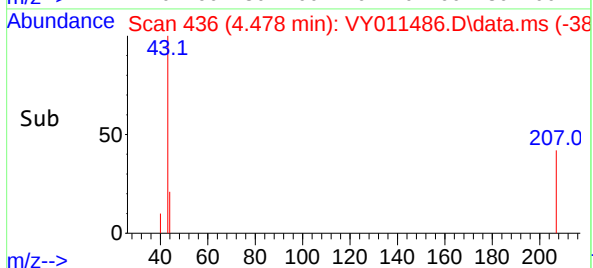
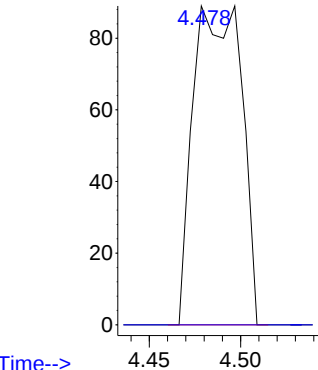
Ion Ratio Lower Upper

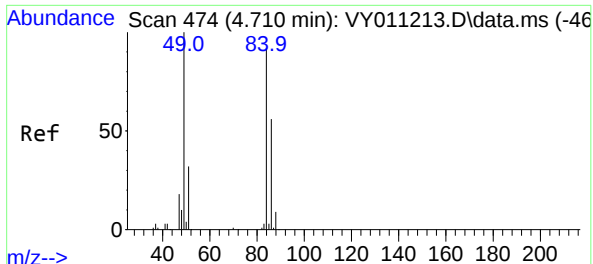
43 100

74 0.0 16.6 24.8#



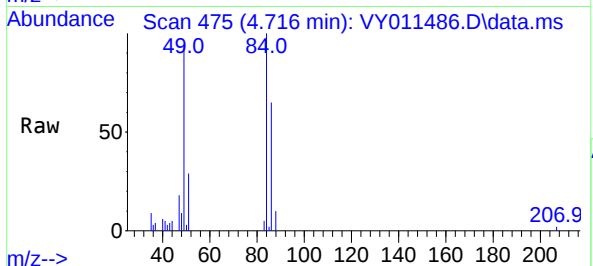
Abundance





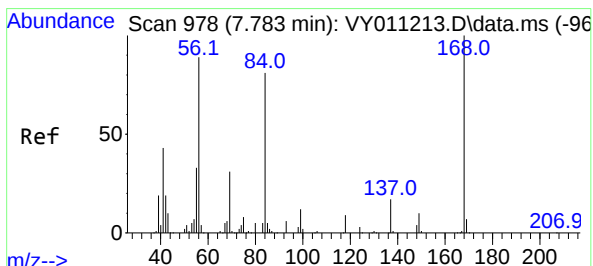
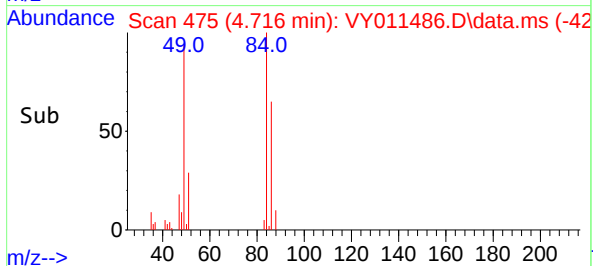
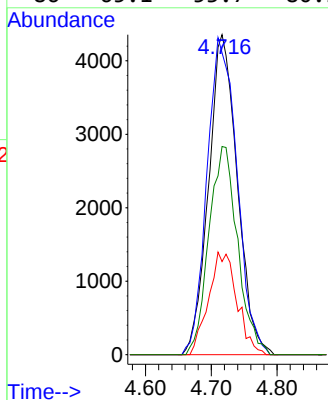
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011486.D
Acq: 16 Nov 2022 20:10

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 13233

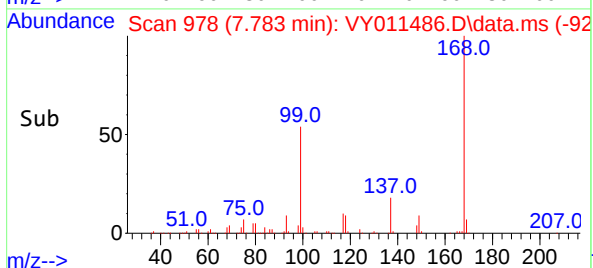
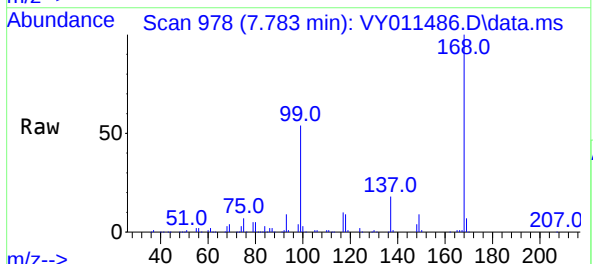
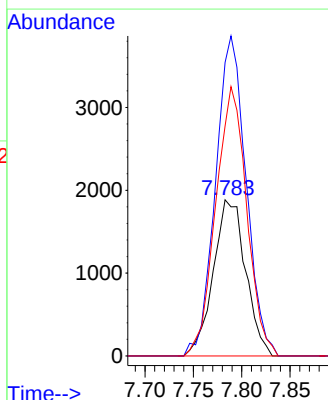
Ion	Ratio	Lower	Upper
84	100		
49	94.4	114.4	171.6#
51	29.1	35.3	52.9#
86	65.1	53.7	80.5

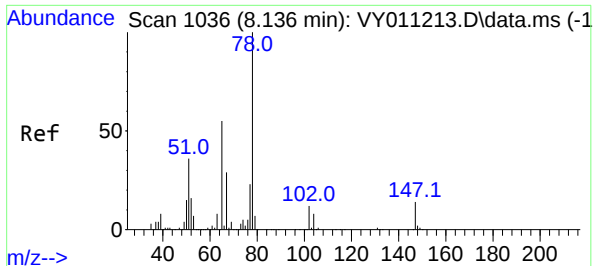


#31
Cyclohexane
Concen: 1.128 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY011486.D
Acq: 16 Nov 2022 20:10

Tgt Ion: 56 Resp: 4372

Ion	Ratio	Lower	Upper
56	100		
69	187.9	26.7	40.1#
84	147.2	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 67.554 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY011486.D

Acq: 16 Nov 2022 20:10

Instrument :

MSVOA_Y

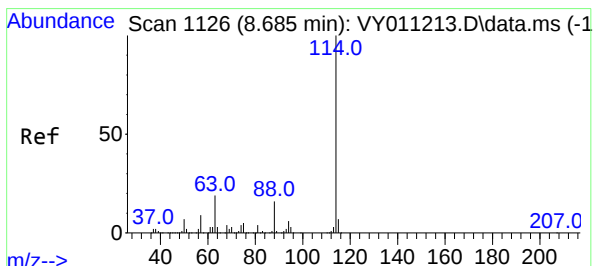
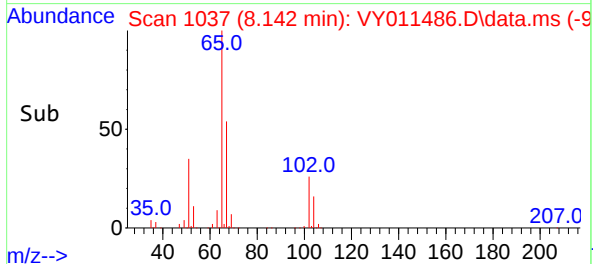
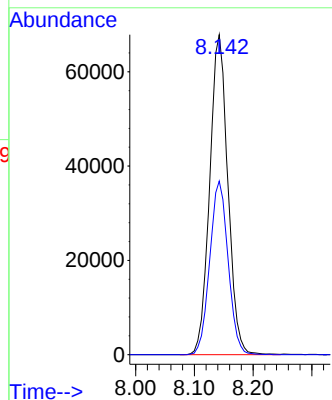
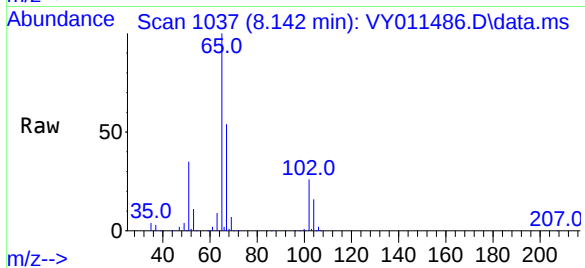
ClientSampleId :

Tgt Ion: 65 Resp: 145700

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# 1127

Delta R.T. 0.006 min

Lab File: VY011486.D

Acq: 16 Nov 2022 20:10

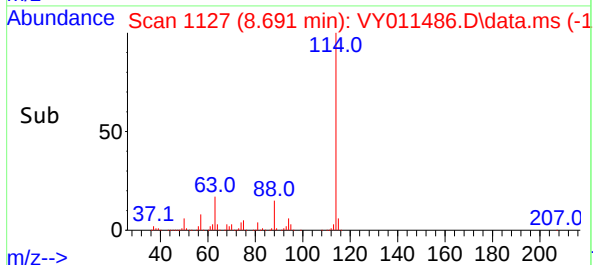
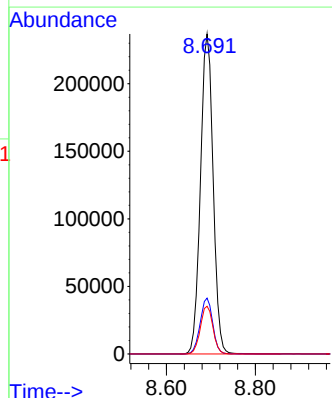
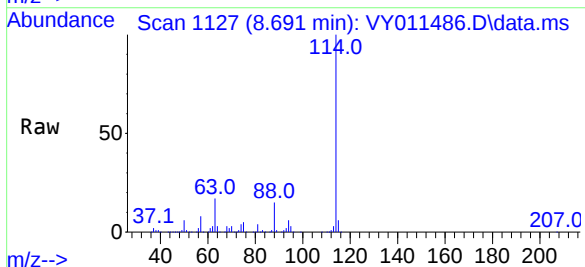
Tgt Ion: 114 Resp: 469895

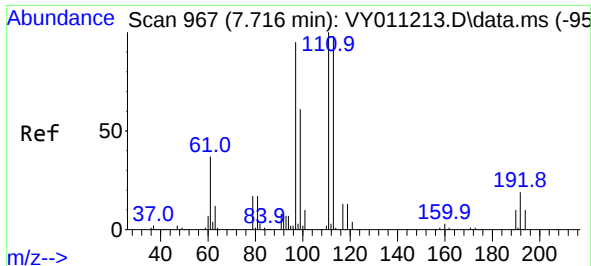
Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

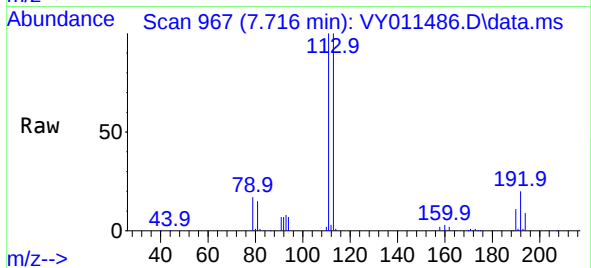
88 14.9 0.0 31.8



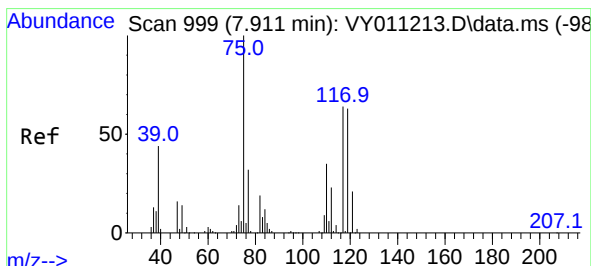
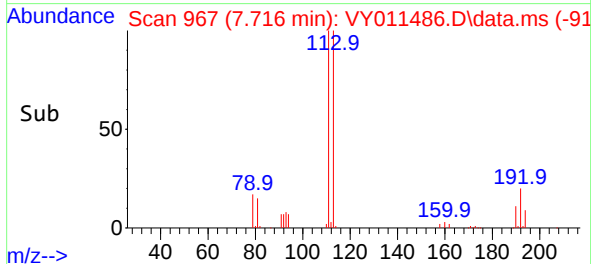
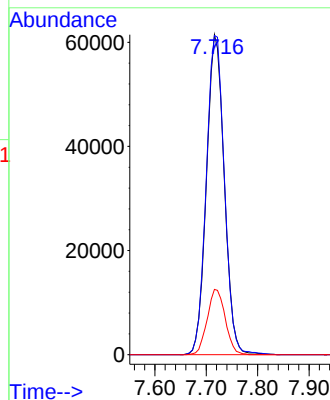


#35
Dibromofluoromethane
Concen: 56.019 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY011486.D
Acq: 16 Nov 2022 20:10

Instrument :
MSVOA_Y
ClientSampleId :

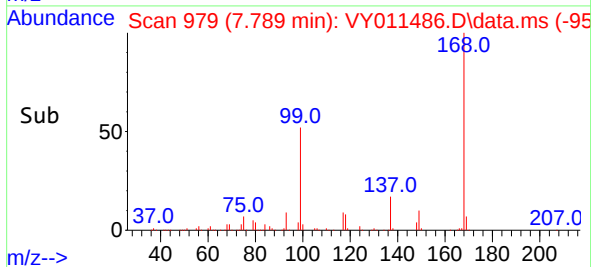
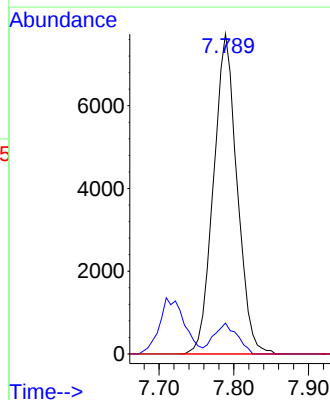
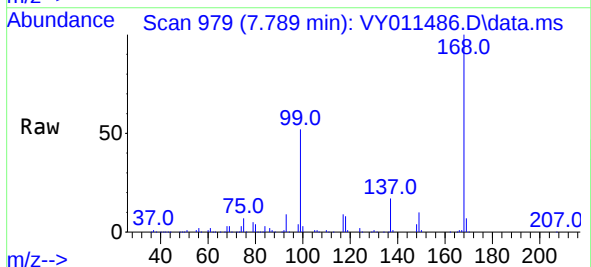


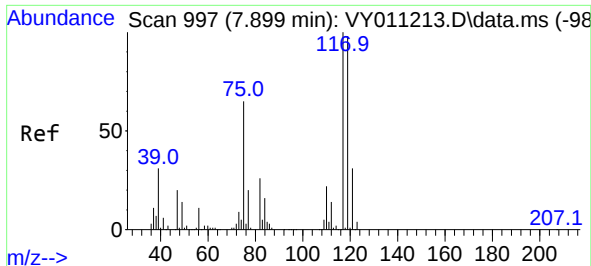
Tgt Ion:113 Resp: 147520
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 20.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.145 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011486.D
Acq: 16 Nov 2022 20:10

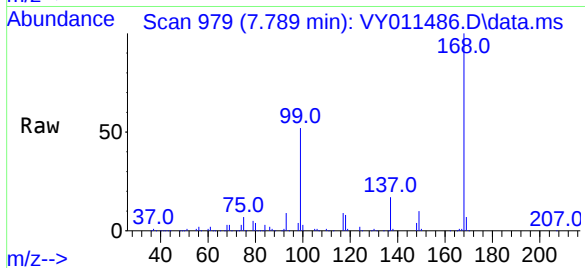
Tgt Ion: 75 Resp: 16943
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.0 24.4 36.6#



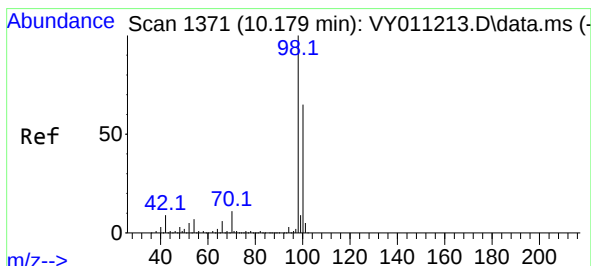
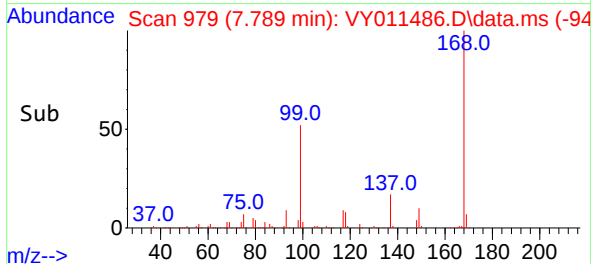
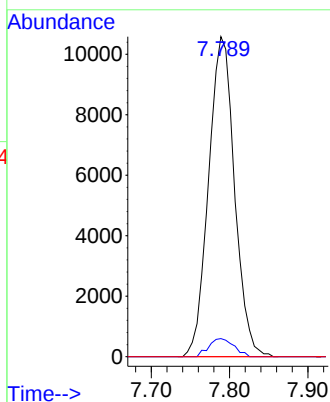


#38
Carbon Tetrachloride
Concen: 5.481 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011486.D
Acq: 16 Nov 2022 20:10

Instrument :
MSVOA_Y
ClientSampleId :

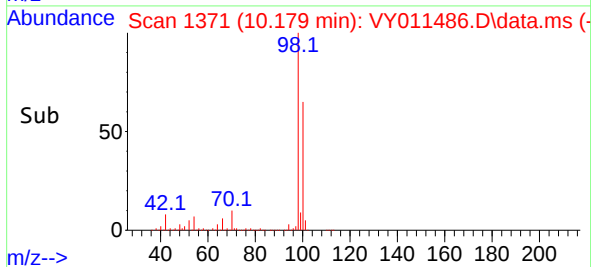
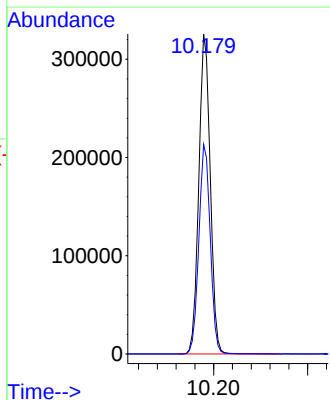
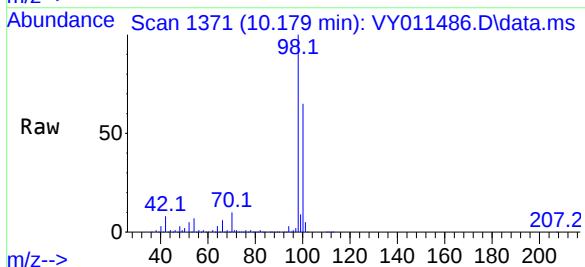


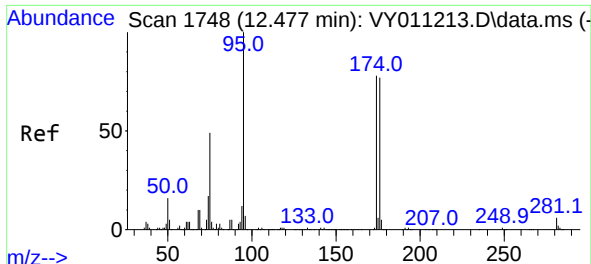
Tgt Ion:117 Resp: 24370
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.792 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011486.D
Acq: 16 Nov 2022 20:10

Tgt Ion: 98 Resp: 551229
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

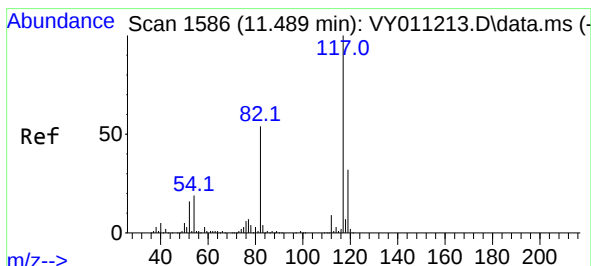
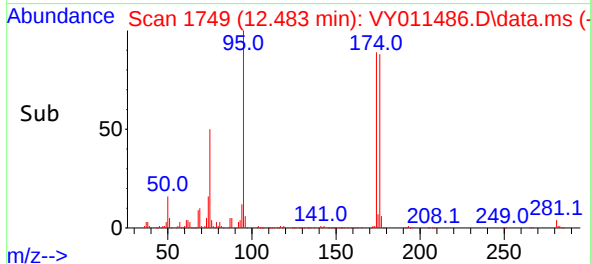
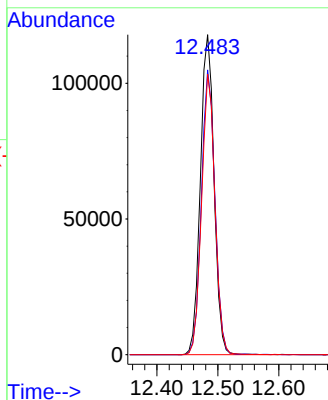
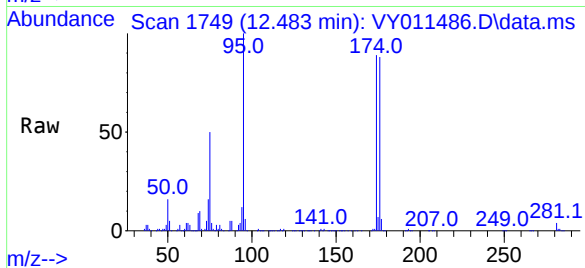




#62
4-Bromofluorobenzene
Concen: 52.379 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011486.D
Acq: 16 Nov 2022 20:10

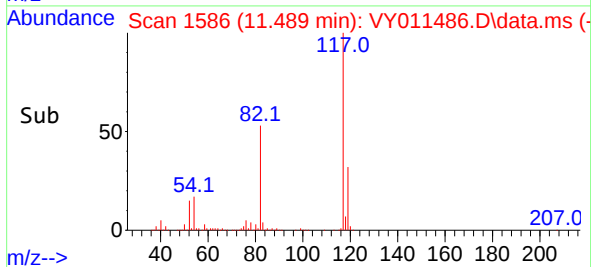
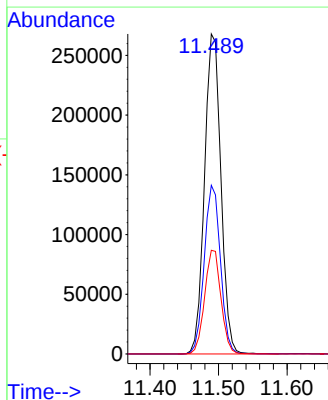
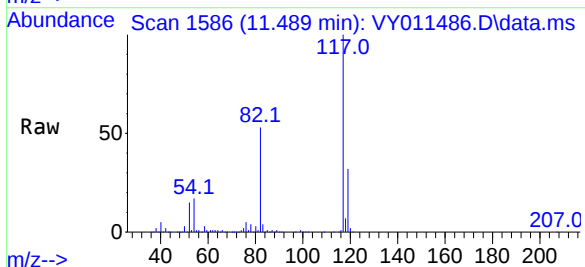
Instrument :
MSVOA_Y
ClientSampleId :

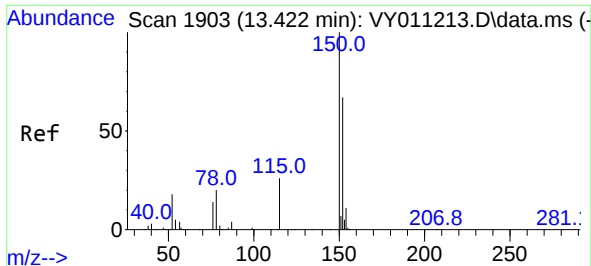
Tgt Ion: 95 Resp: 183797
Ion Ratio Lower Upper
95 100
174 87.9 0.0 177.0
176 85.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011486.D
Acq: 16 Nov 2022 20:10

Tgt Ion: 117 Resp: 446858
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 32.4 25.4 38.0

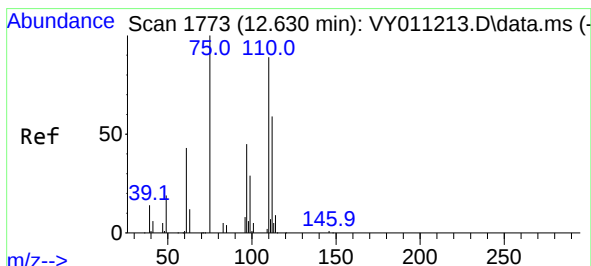
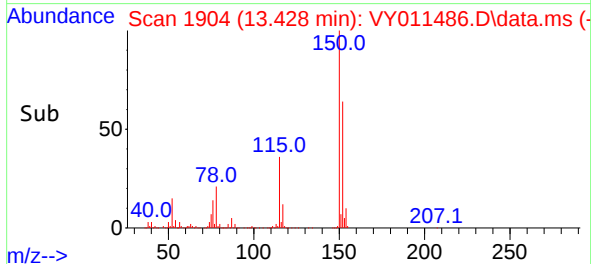
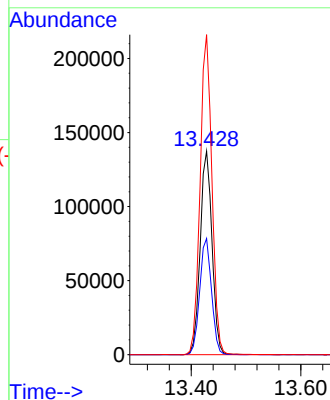
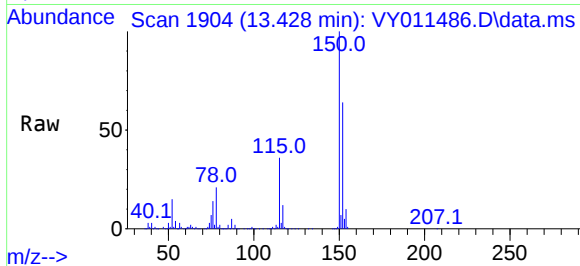




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY011486.D
Acq: 16 Nov 2022 20:10

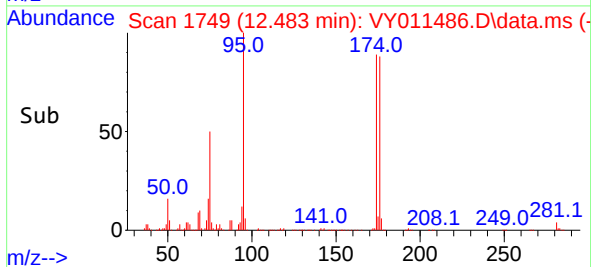
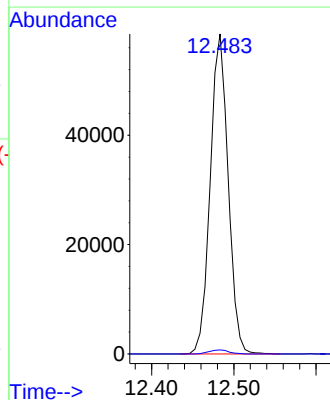
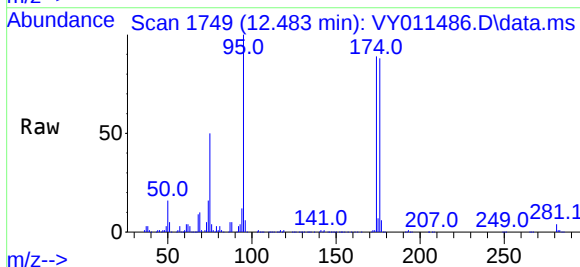
Instrument :
MSVOA_Y
ClientSampleId :

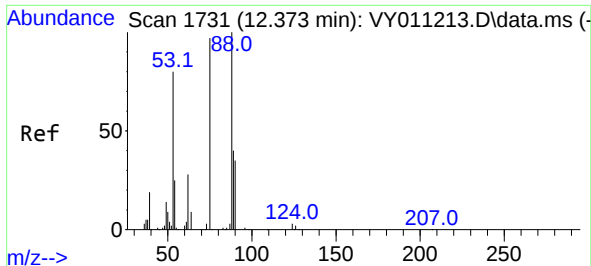
Tgt Ion:152 Resp: 206026
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 157.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 37.038 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011486.D
Acq: 16 Nov 2022 20:10

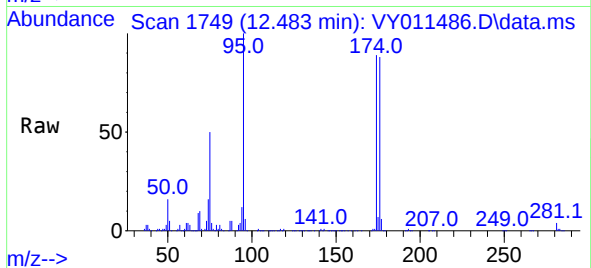
Tgt Ion: 75 Resp: 88329
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



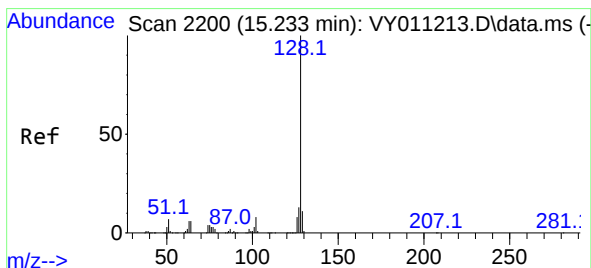
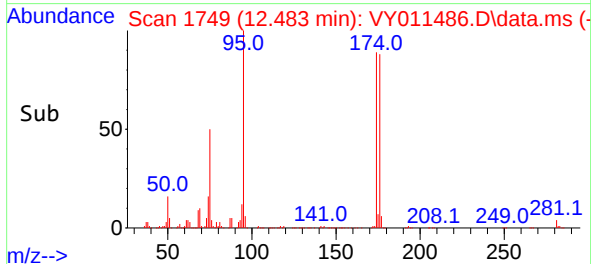
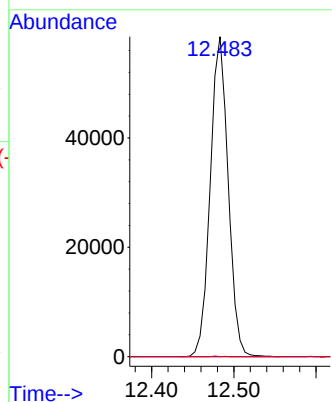


#81
trans-1,4-Dichloro-2-butene
Concen: 89.029 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011486.D
Acq: 16 Nov 2022 20:10

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 88329
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 3.293 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY011486.D
Acq: 16 Nov 2022 20:10

Tgt Ion: 128 Resp: 147
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

