

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010007.D
 Acq On : 14 Aug 2022 19:03
 Operator : KP/MD
 Sample : N4189-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB19

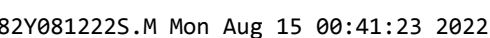
Quant Time: Aug 15 00:41:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

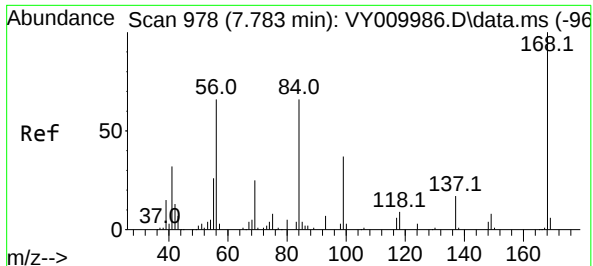
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	37770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	68822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	67006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	28019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	18510	48.311	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.620%		
35) Dibromofluoromethane	7.710	113	19441	46.154	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.300%		
50) Toluene-d8	10.179	98	69056	42.787	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	85.580%		
62) 4-Bromofluorobenzene	12.477	95	22256	37.637	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	75.280%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	71	Below Cal	#	67
11) Tert butyl alcohol	4.966	59	74	Below Cal	#	78
16) Acetone	3.948	43	1545	16.790	ug/l #	88
18) Methyl Acetate	4.472	43	23	Below Cal	#	52
20) Methylene Chloride	4.704	84	2336	Below Cal	#	78
25) 2-Butanone	6.966	43	397	2.780	ug/l #	48
26) 2,2-Dichloropropane	6.972	77	689	1.066	ug/l #	52
36) 1,1-Dichloropropene	7.783	75	2887	4.603	ug/l #	48
37) Ethyl Acetate	6.966	43	397	1.173	ug/l #	1
38) Carbon Tetrachloride	7.777	117	3683	5.884	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	9742	30.088	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	9742	65.405	ug/l #	13
95) Naphthalene	15.239	128	304	3.328	ug/l #	69

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

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Response via : Initial Calibration

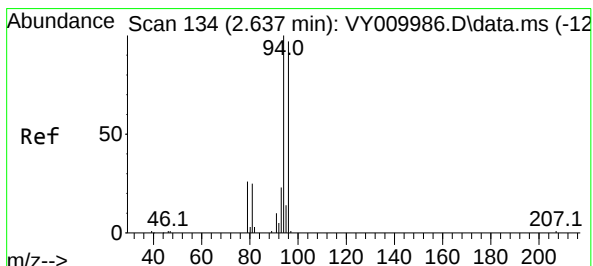
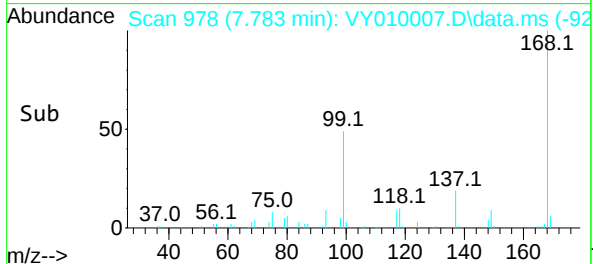
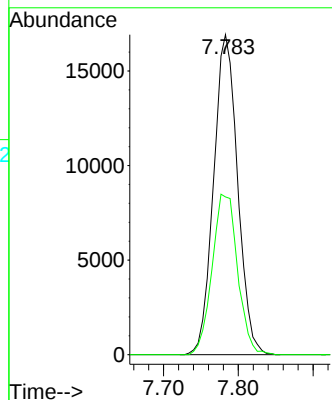
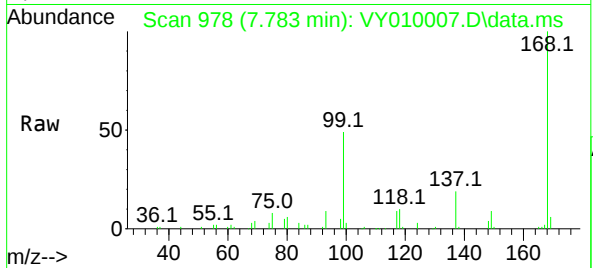




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010007.D
Acq: 14 Aug 2022 19:03

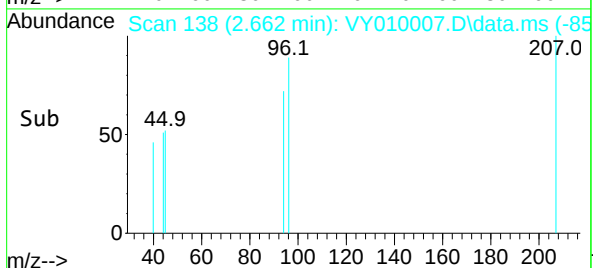
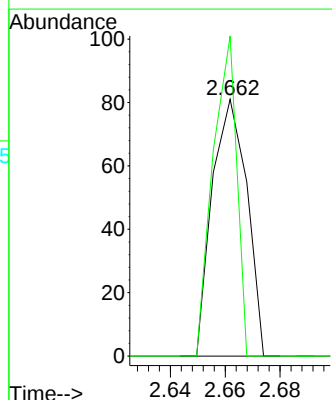
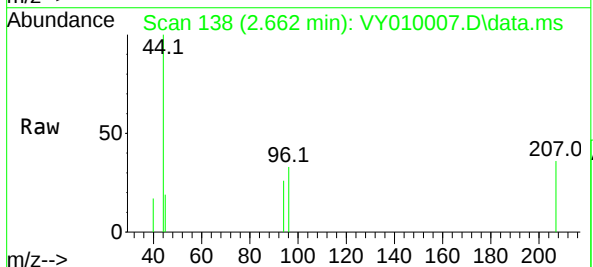
Instrument :
MSVOA_Y
ClientSampleId :
SB19

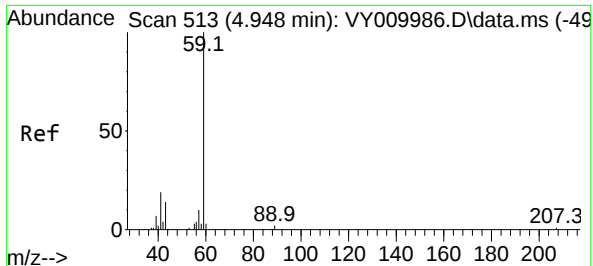
Tgt Ion:168 Resp: 37770
Ion Ratio Lower Upper
168 100
99 49.3 42.1 63.1



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.025 min
Lab File: VY010007.D
Acq: 14 Aug 2022 19:03

Tgt Ion: 94 Resp: 71
Ion Ratio Lower Upper
94 100
96 124.7 74.6 111.8#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.966 min Scan# 51

Delta R.T. 0.018 min

Lab File: VY010007.D

Acq: 14 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

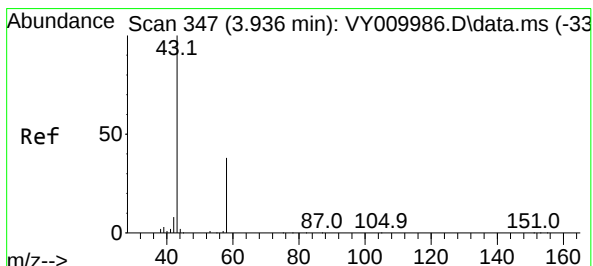
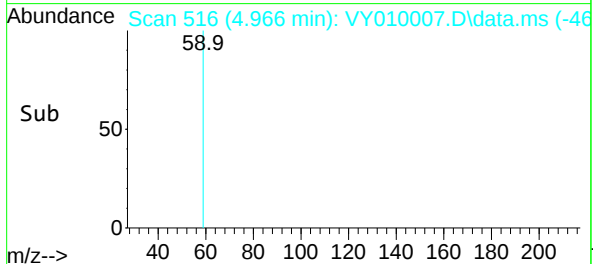
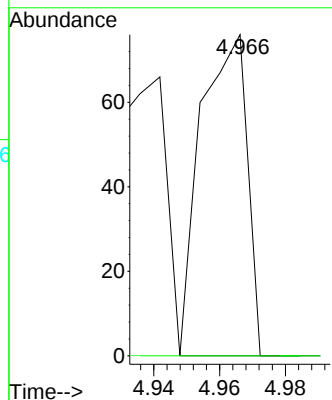
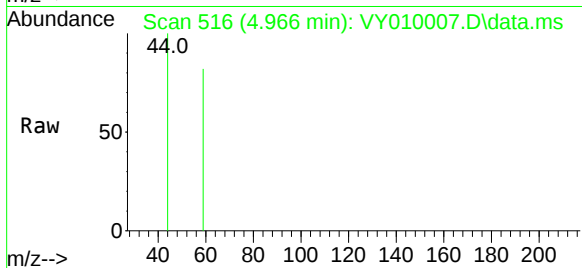
SB19

Tgt Ion: 59 Resp: 74

Ion Ratio Lower Upper

59 100

57 0.0 6.3 9.5#



#16

Acetone

Concen: 16.790 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.012 min

Lab File: VY010007.D

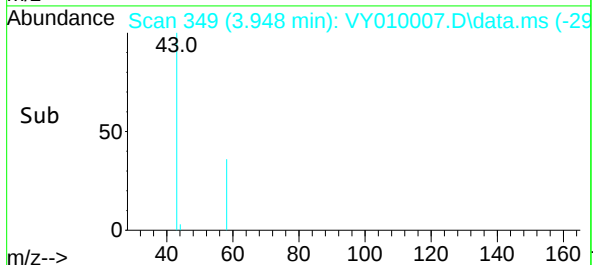
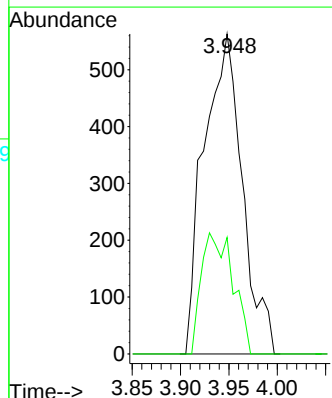
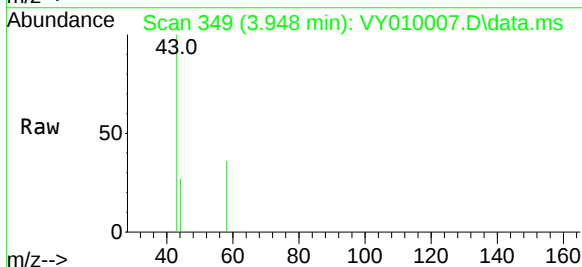
Acq: 14 Aug 2022 19:03

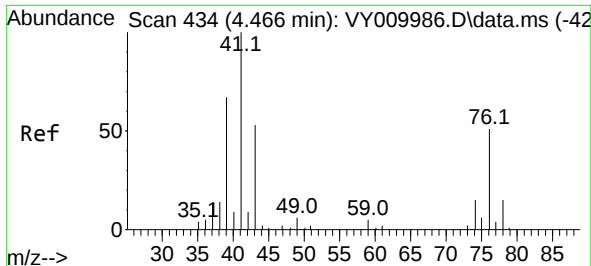
Tgt Ion: 43 Resp: 1545

Ion Ratio Lower Upper

43 100

58 36.4 24.0 36.0#

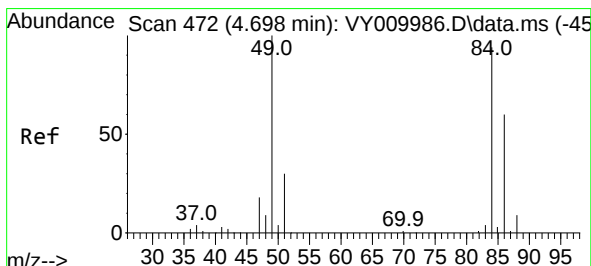
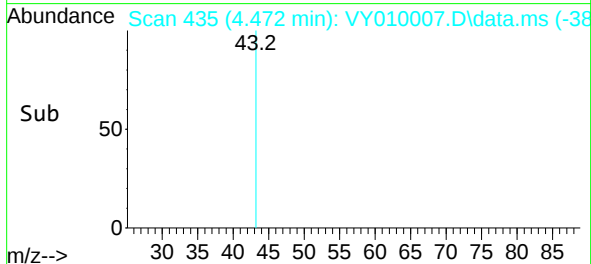
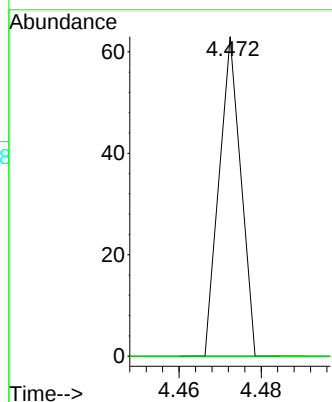
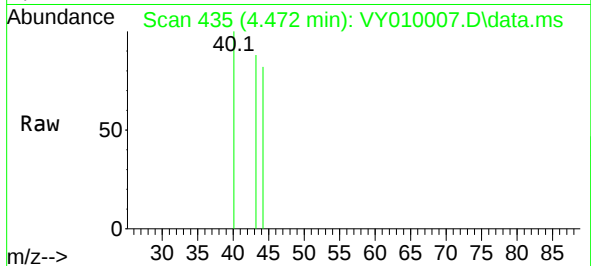




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010007.D
Acq: 14 Aug 2022 19:03

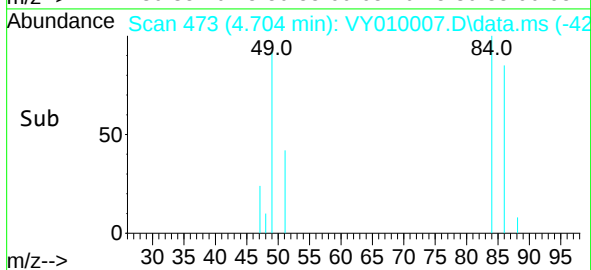
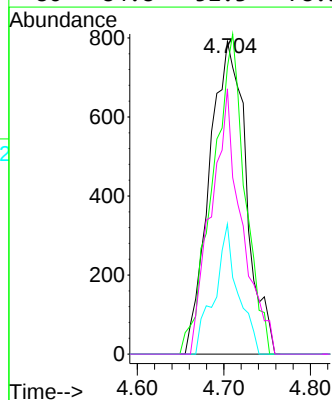
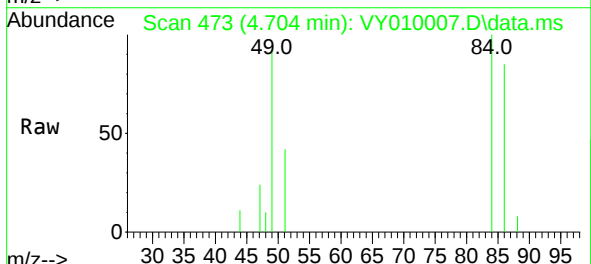
Instrument :
MSVOA_Y
ClientSampleId :
SB19

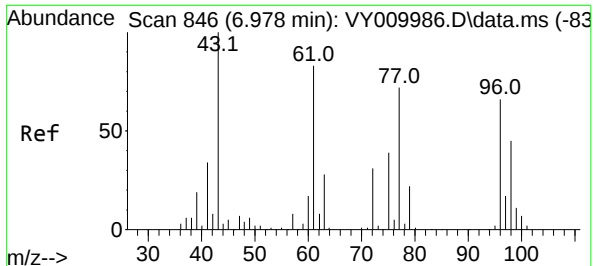
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY010007.D
Acq: 14 Aug 2022 19:03

Tgt Ion: 84 Resp: 2336
Ion Ratio Lower Upper
84 100
49 91.8 98.2 147.4#
51 41.6 33.4 50.0
86 84.8 52.3 78.5#





#25

2-Butanone

Concen: 2.780 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY010007.D

Acq: 14 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

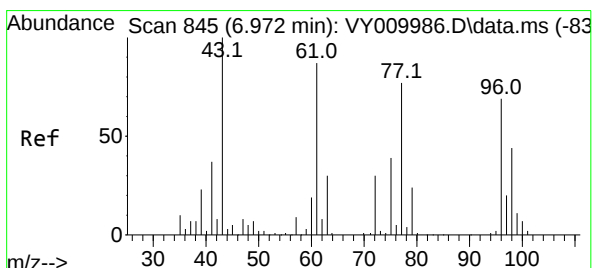
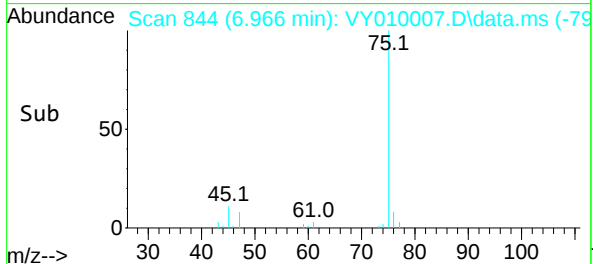
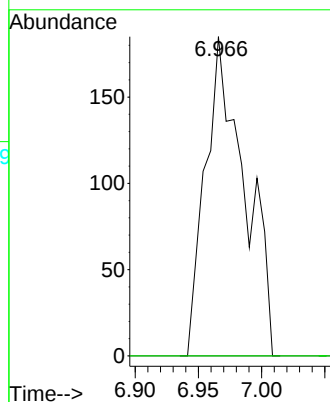
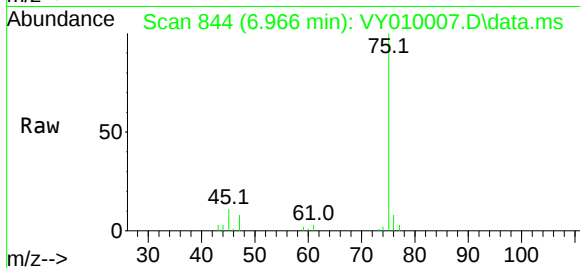
SB19

Tgt Ion: 43 Resp: 397

Ion Ratio Lower Upper

43 100

72 0.0 21.5 32.3#



#26

2,2-Dichloropropane

Concen: 1.066 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY010007.D

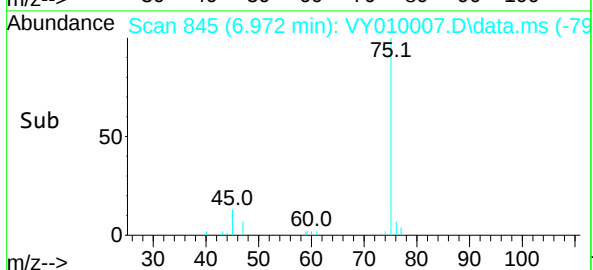
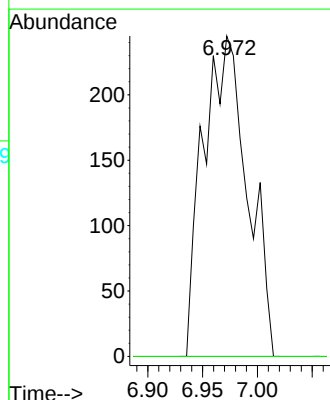
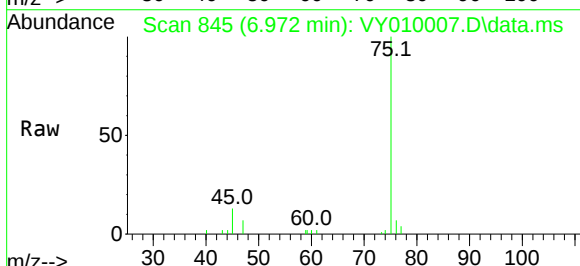
Acq: 14 Aug 2022 19:03

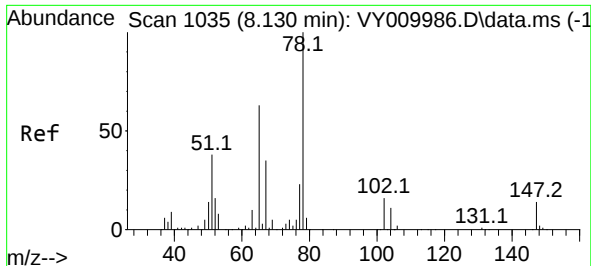
Tgt Ion: 77 Resp: 689

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#





#33

1,2-Dichloroethane-d4

Concen: 48.311 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY010007.D

Acq: 14 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

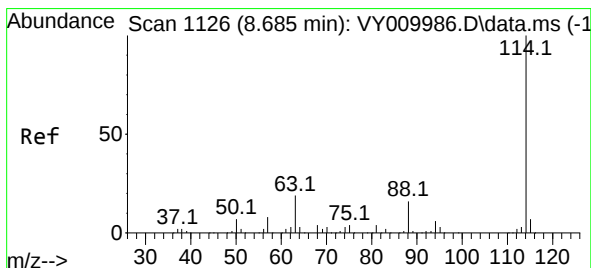
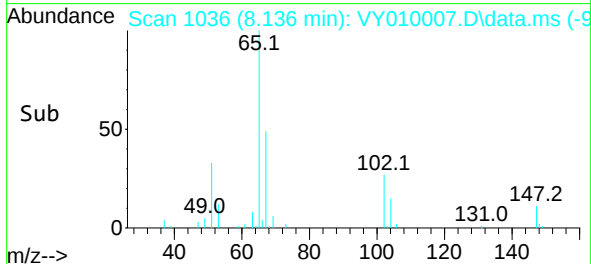
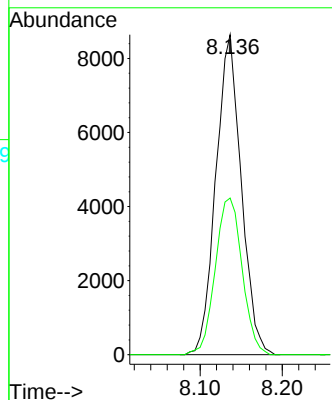
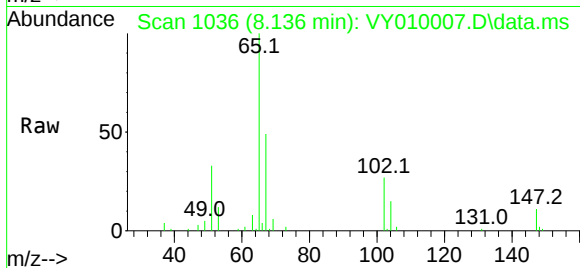
SB19

Tgt Ion: 65 Resp: 18510

Ion Ratio Lower Upper

65 100

67 51.8 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010007.D

Acq: 14 Aug 2022 19:03

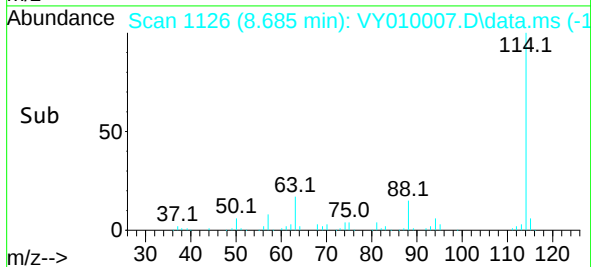
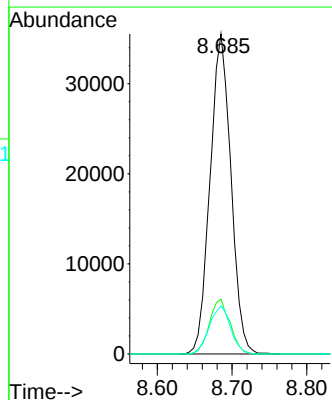
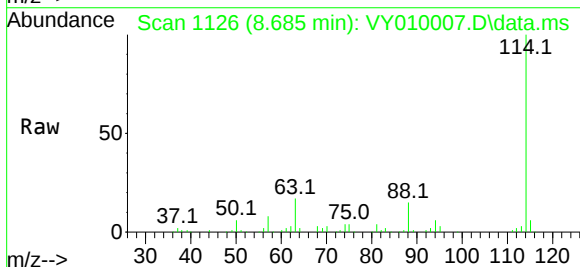
Tgt Ion: 114 Resp: 68822

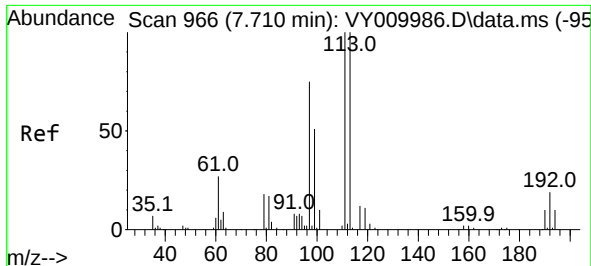
Ion Ratio Lower Upper

114 100

63 17.1 0.0 38.0

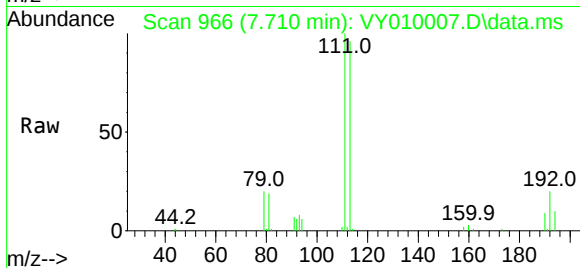
88 15.0 0.0 30.0



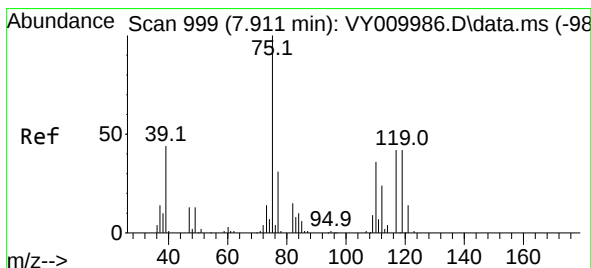
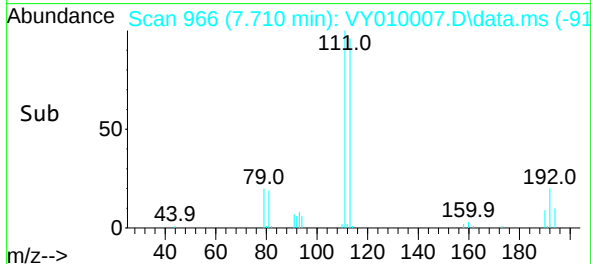
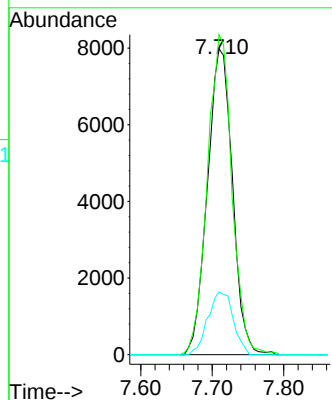


#35
Dibromofluoromethane
Concen: 46.154 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY010007.D
Acq: 14 Aug 2022 19:03

Instrument :
MSVOA_Y
ClientSampleId :
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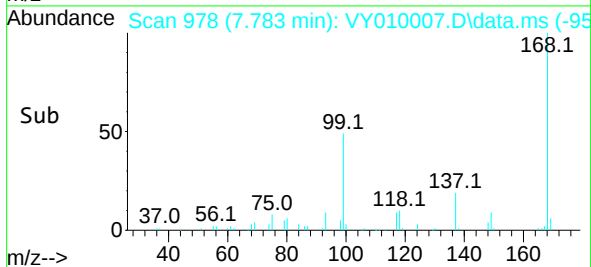
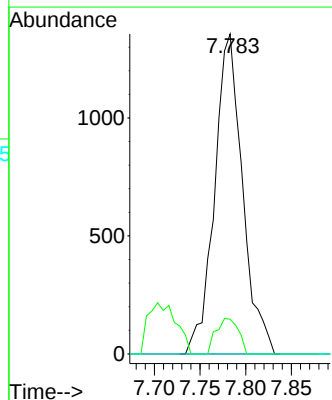
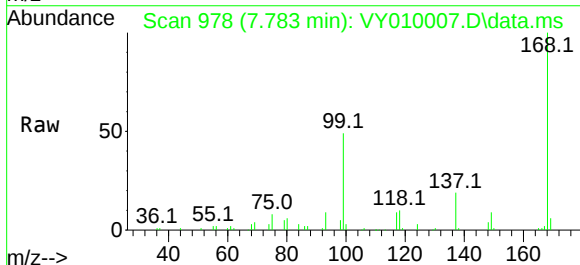


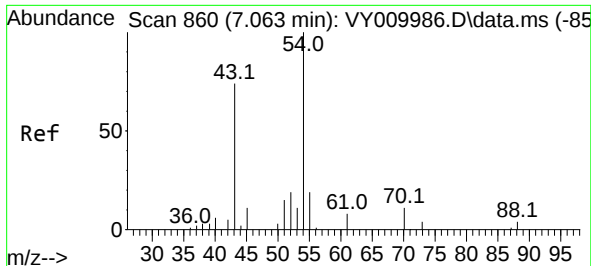
Tgt Ion:113 Resp: 19441
Ion Ratio Lower Upper
113 100
111 103.0 80.6 120.8
192 20.7 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.603 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010007.D
Acq: 14 Aug 2022 19:03

Tgt Ion: 75 Resp: 2887
Ion Ratio Lower Upper
75 100
110 8.8 18.6 56.0#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.173 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.098 min

Lab File: VY010007.D

Acq: 14 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

SB19

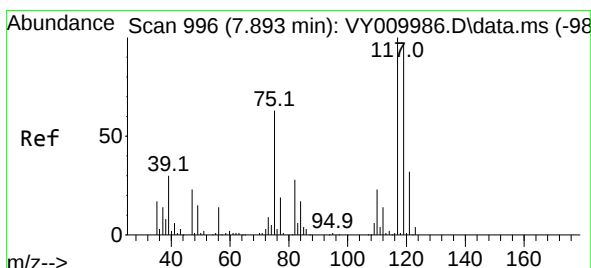
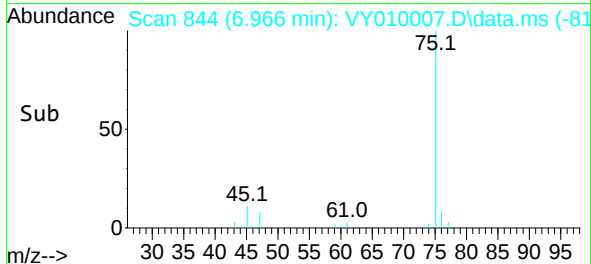
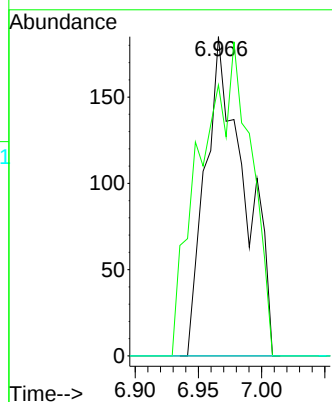
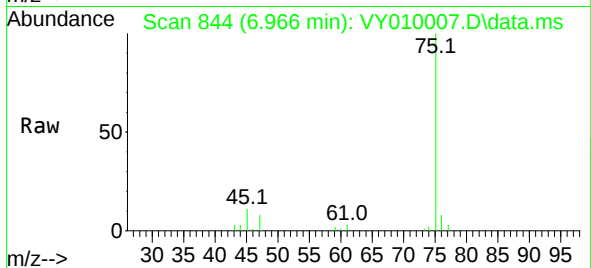
Tgt Ion: 43 Resp: 397

Ion Ratio Lower Upper

43 100

61 127.7 11.2 16.8#

70 0.0 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 5.884 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.116 min

Lab File: VY010007.D

Acq: 14 Aug 2022 19:03

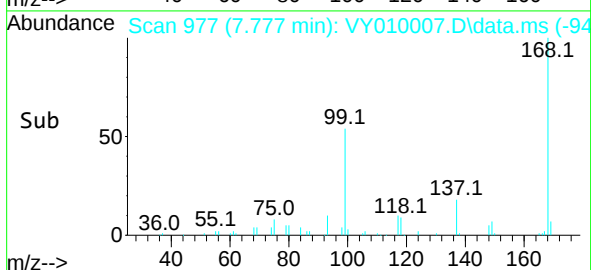
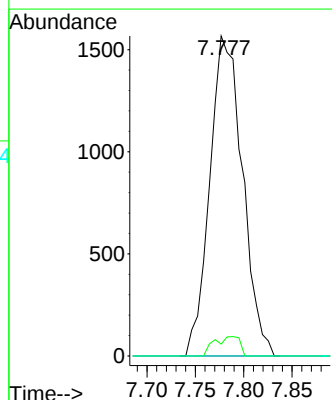
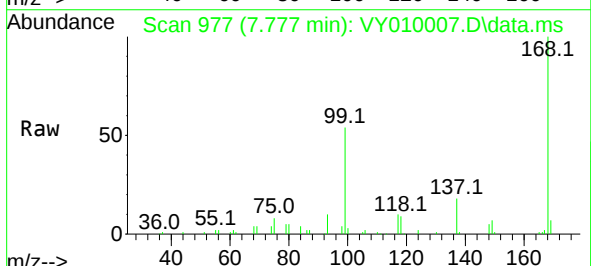
Tgt Ion: 117 Resp: 3683

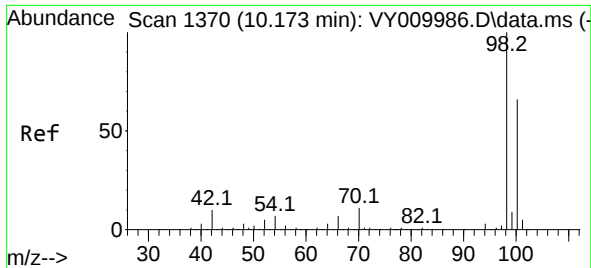
Ion Ratio Lower Upper

117 100

119 3.7 75.9 113.9#

121 0.0 24.9 37.3#

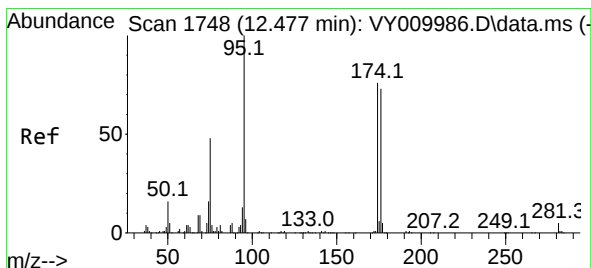
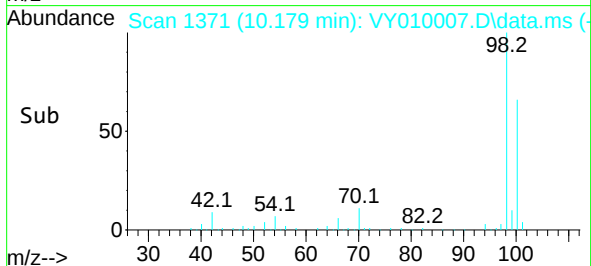
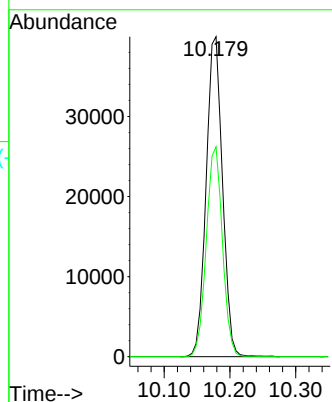
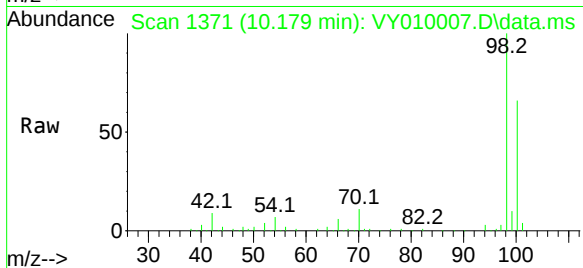




#50
Toluene-d8
Concen: 42.787 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010007.D
Acq: 14 Aug 2022 19:03

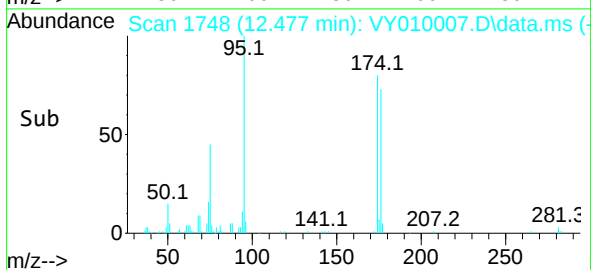
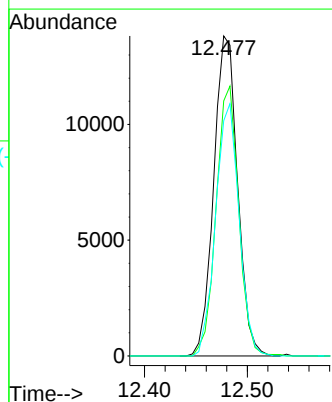
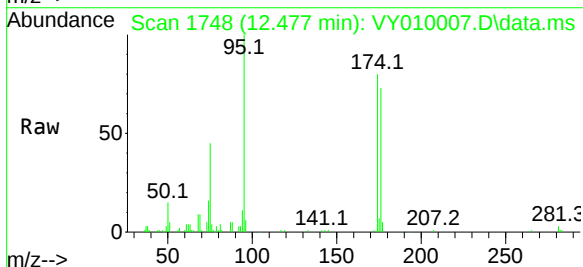
Instrument :
MSVOA_Y
ClientSampleId :
SB19

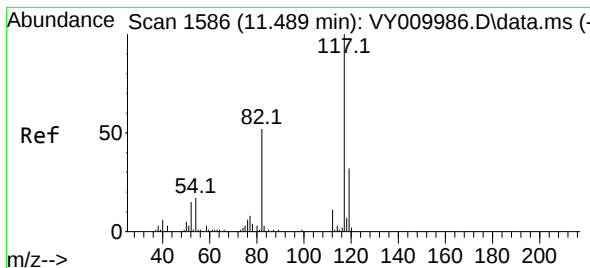
Tgt Ion: 98 Resp: 69056
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 37.637 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010007.D
Acq: 14 Aug 2022 19:03

Tgt Ion: 95 Resp: 22256
Ion Ratio Lower Upper
95 100
174 79.8 0.0 173.8
176 77.4 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010007.D

Acq: 14 Aug 2022 19:03

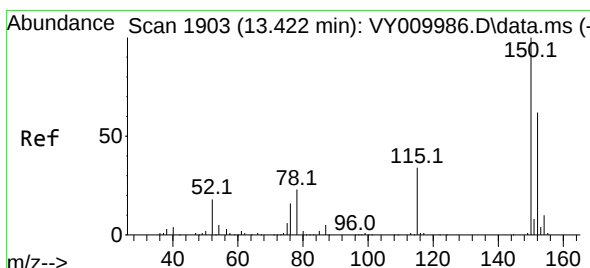
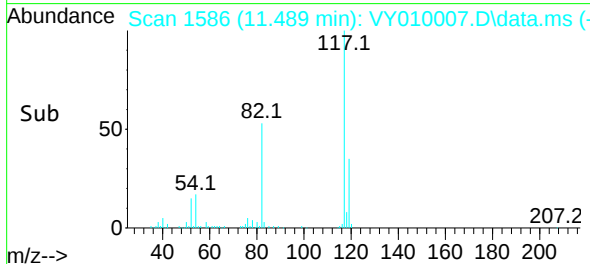
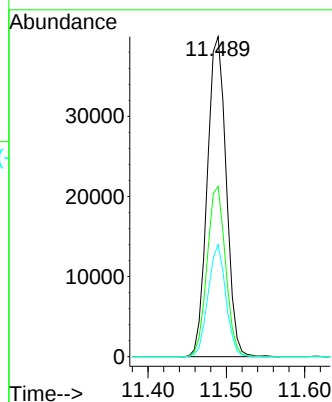
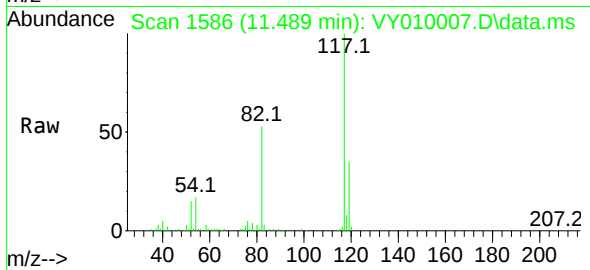
Instrument :

MSVOA_Y

ClientSampleId :

SB19

Tgt Ion:	117	Resp:	67006
Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.8	62.6
119	35.0	25.6	38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

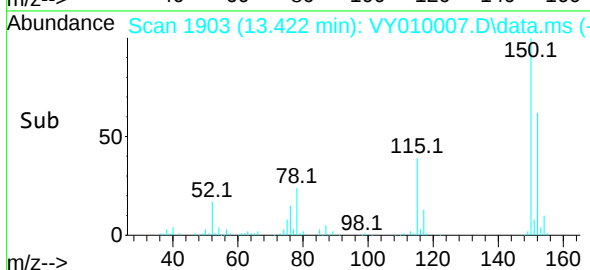
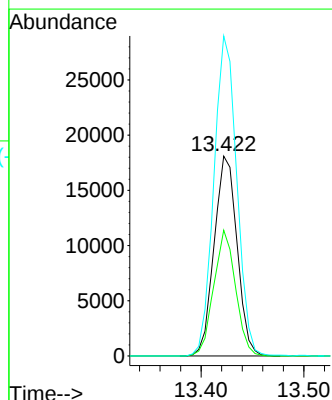
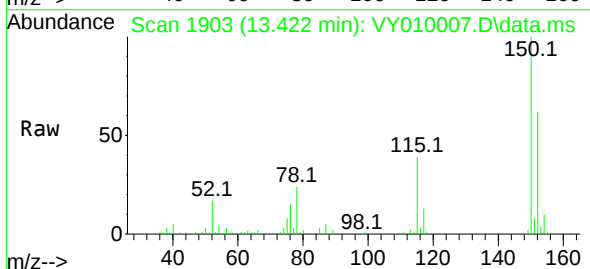
RT: 13.422 min Scan# 1903

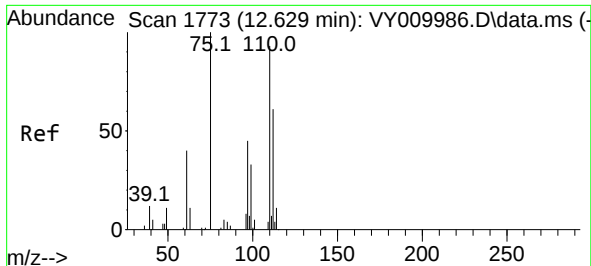
Delta R.T. 0.000 min

Lab File: VY010007.D

Acq: 14 Aug 2022 19:03

Tgt Ion:	152	Resp:	28019
Ion	Ratio	Lower	Upper
152	100		
115	59.8	28.6	85.9
150	160.4	0.0	349.8

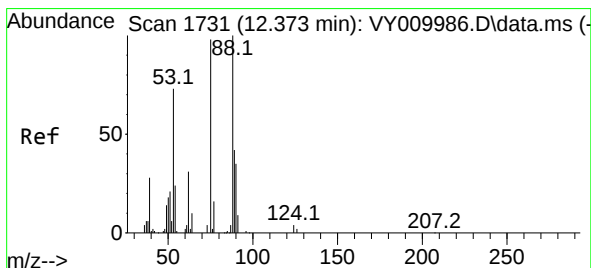
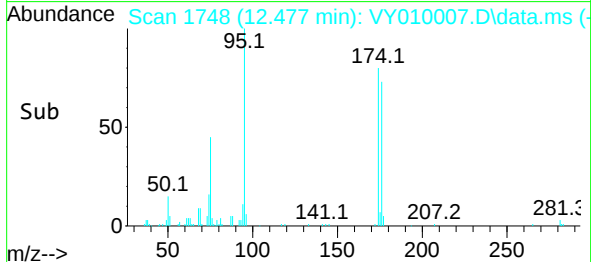
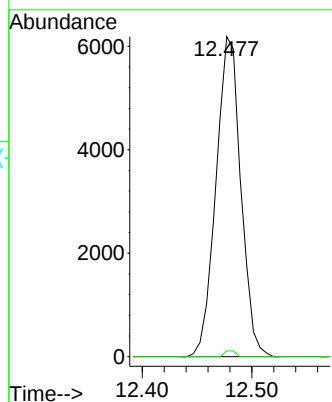
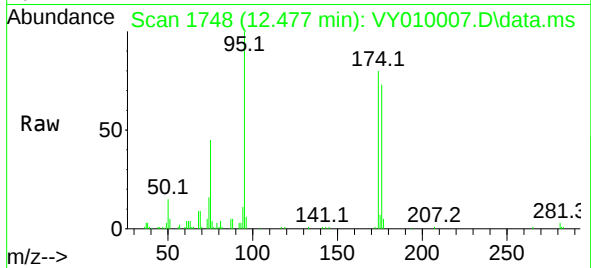




#76
1,2,3-Trichloropropane
Concen: 30.088 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY010007.D
Acq: 14 Aug 2022 19:03

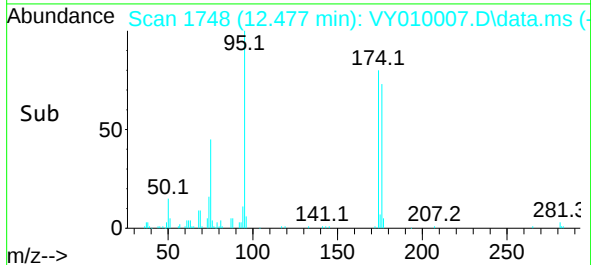
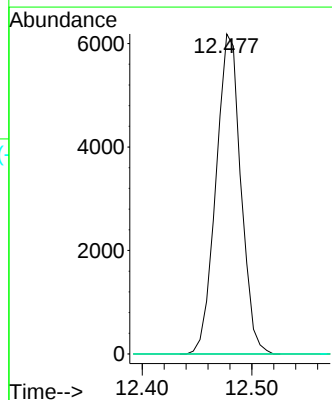
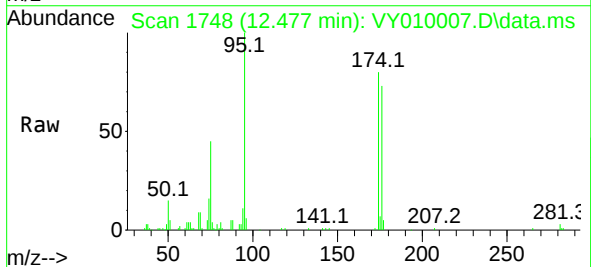
Instrument :
MSVOA_Y
ClientSampleId :
SB19

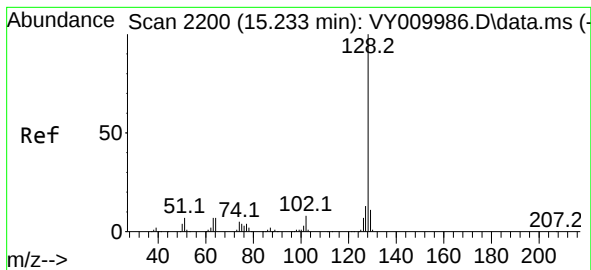
Tgt Ion: 75 Resp: 9742
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.405 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY010007.D
Acq: 14 Aug 2022 19:03

Tgt Ion: 75 Resp: 9742
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#





#95

Naphthalene

Concen: 3.328 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY010007.D

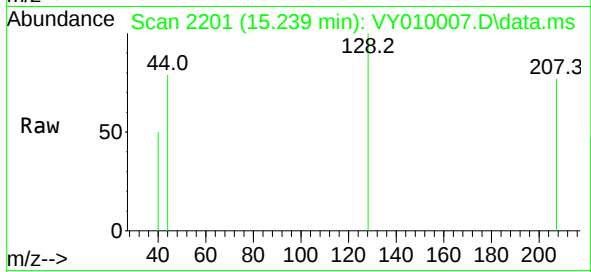
Acq: 14 Aug 2022 19:03

Instrument :

MSVOA_Y

ClientSampleId :

SB19



Tgt Ion:128 Resp: 304

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.8 13.2#

