

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
 Data File : VY011528.D
 Acq On : 21 Nov 2022 16:49
 Operator : KP/MD
 Sample : N5678-07RE
 Misc : 7.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 01:46:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	171439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	333057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	323796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141543	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	129145	74.188	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.380%
35) Dibromofluoromethane	7.716	113	110668	53.977	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.960%
50) Toluene-d8	10.179	98	414166	55.589	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.180%
62) 4-Bromofluorobenzene	12.483	95	134906	48.973	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.940%

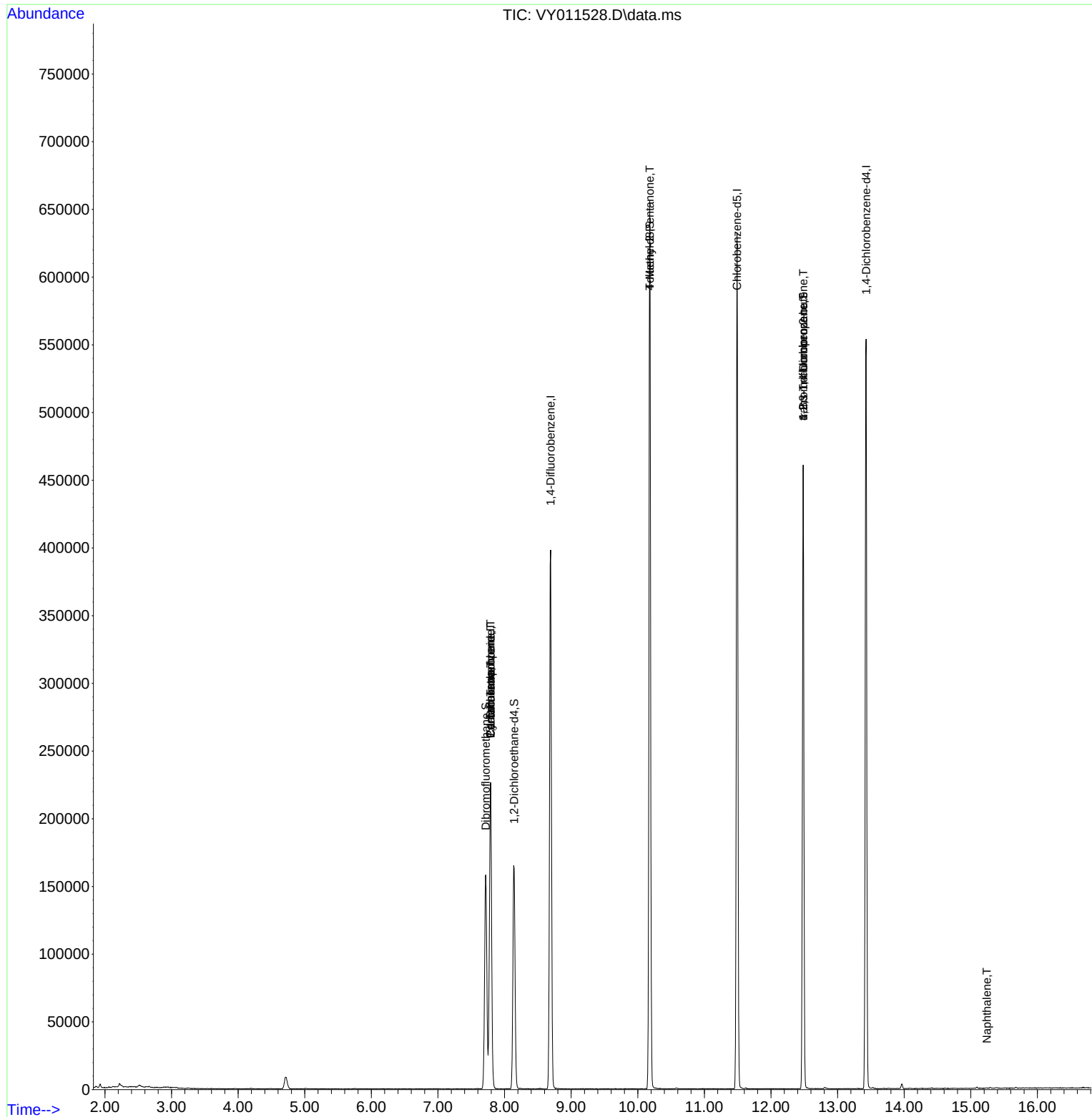
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.107	50	266	Below Cal	#	44
5) Bromomethane	2.662	94	124	Below Cal	#	55
18) Methyl Acetate	4.485	43	51	Below Cal	#	56
20) Methylene Chloride	4.716	84	6216	Below Cal		89
31) Cyclohexane	7.789	56	3859	1.337	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	13607	4.246	ug/l #	51
38) Carbon Tetrachloride	7.789	117	17859	4.981	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	1844	1.008	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	71420	46.854	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	71420	102.625	ug/l #	7
95) Naphthalene	15.239	128	276	4.071	ug/l #	69

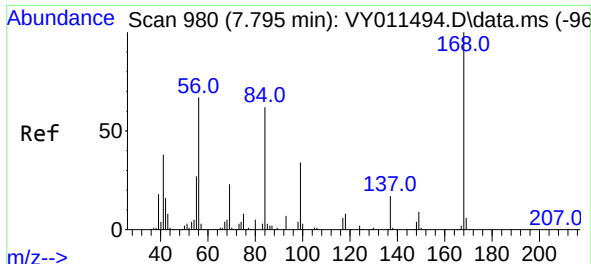
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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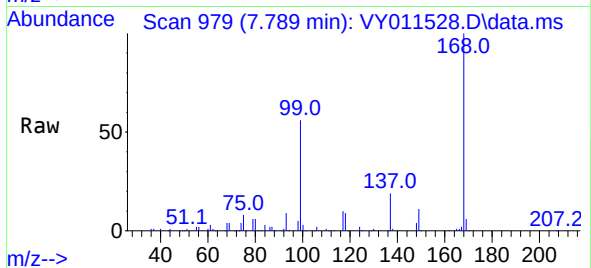
Quant Time: Nov 22 01:46:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration



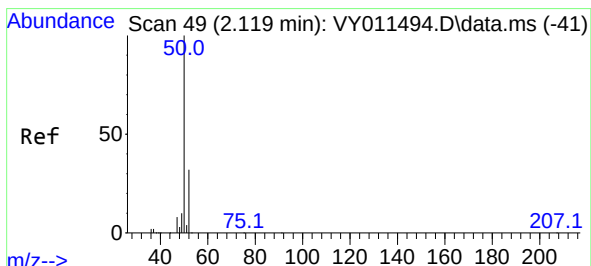
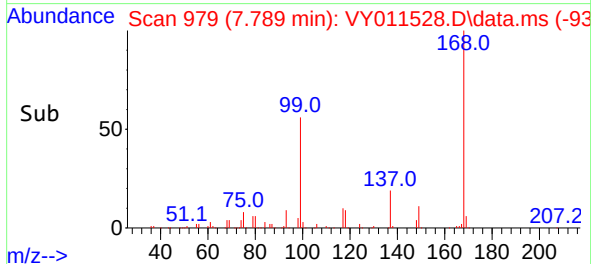
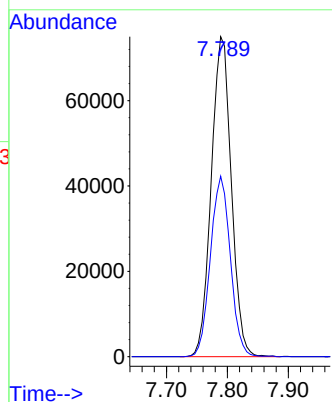


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011528.D
Acq: 21 Nov 2022 16:49

Instrument :
MSVOA_Y
ClientSampleId :

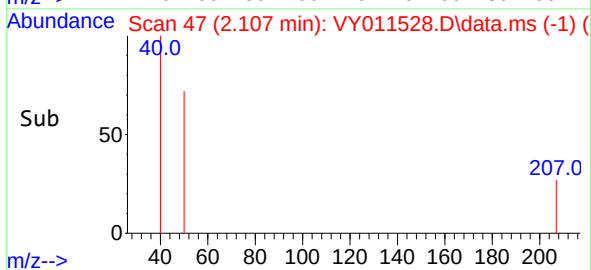
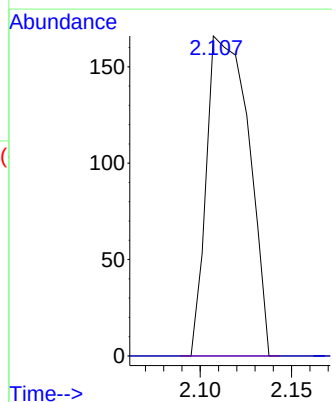
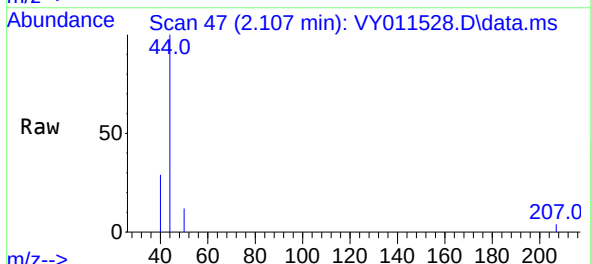


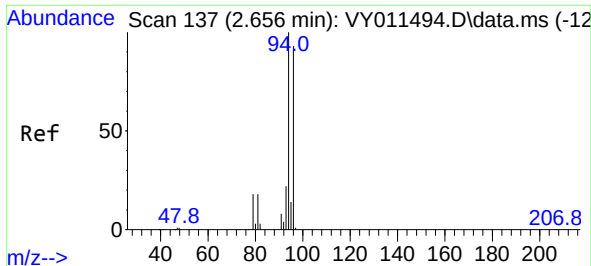
Tgt Ion:168 Resp: 171439
Ion Ratio Lower Upper
168 100
99 56.4 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.012 min
Lab File: VY011528.D
Acq: 21 Nov 2022 16:49

Tgt Ion: 50 Resp: 266
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

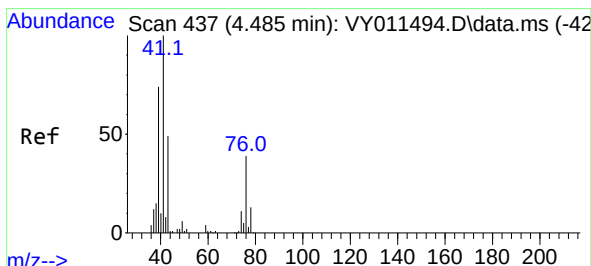
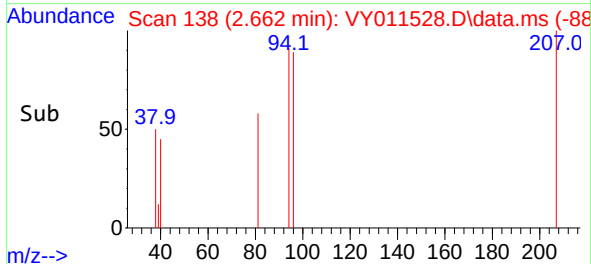
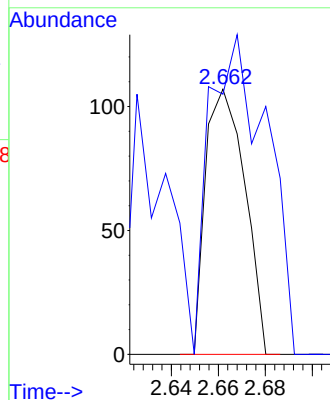
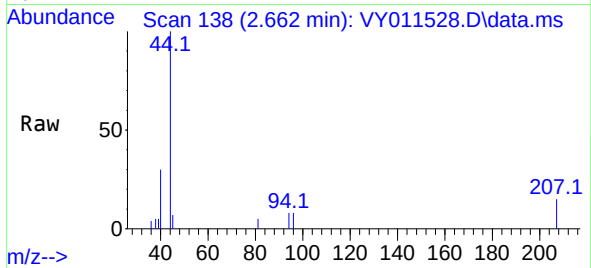




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011528.D
Acq: 21 Nov 2022 16:49

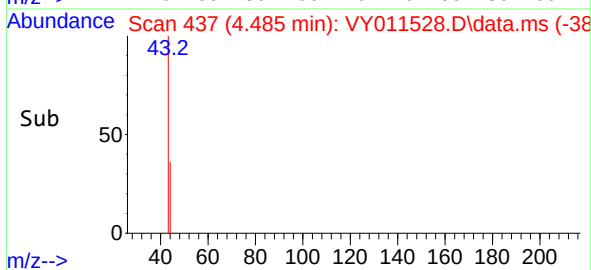
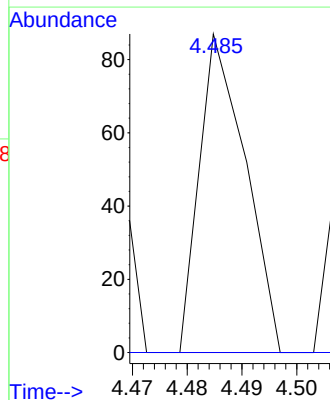
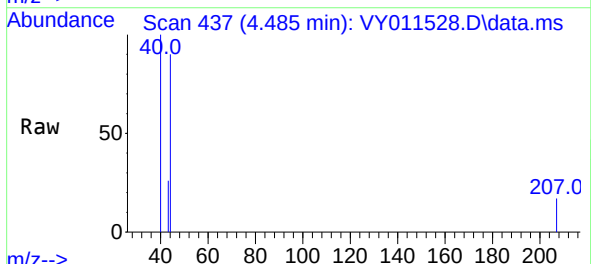
Instrument :
MSVOA_Y
ClientSampleId :

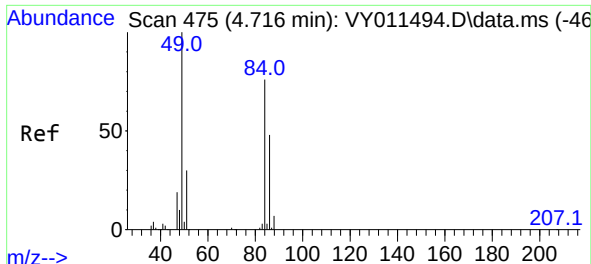
Tgt Ion: 94 Resp: 124
Ion Ratio Lower Upper
94 100
96 48.6 73.5 110.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY011528.D
Acq: 21 Nov 2022 16:49

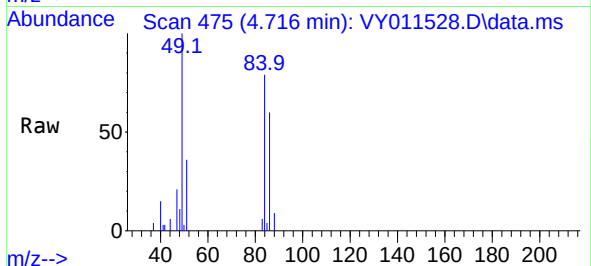
Tgt Ion: 43 Resp: 51
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





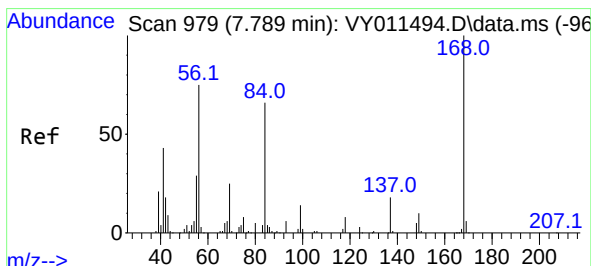
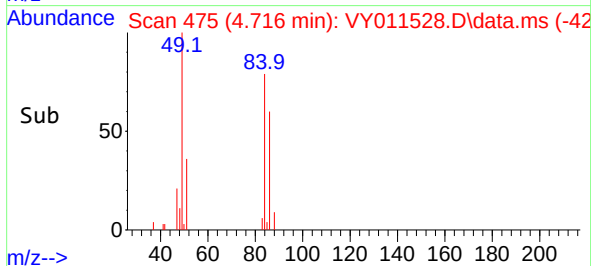
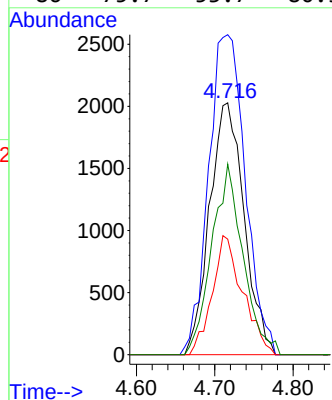
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011528.D
Acq: 21 Nov 2022 16:49

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 6216

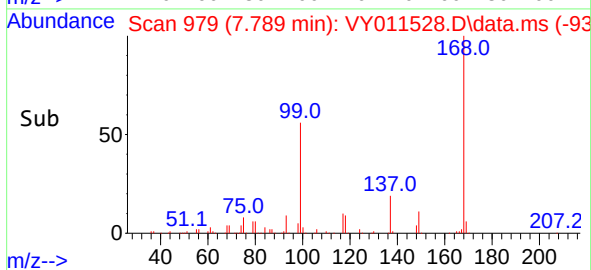
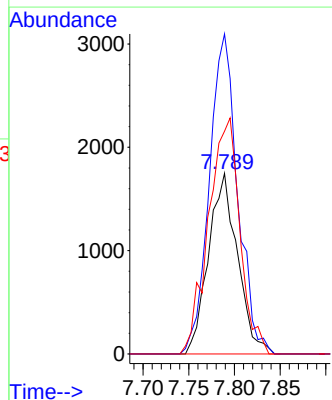
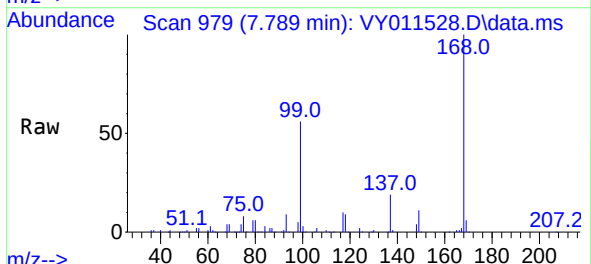
Ion	Ratio	Lower	Upper
84	100		
49	127.1	114.4	171.6
51	45.9	35.3	52.9
86	75.7	53.7	80.5

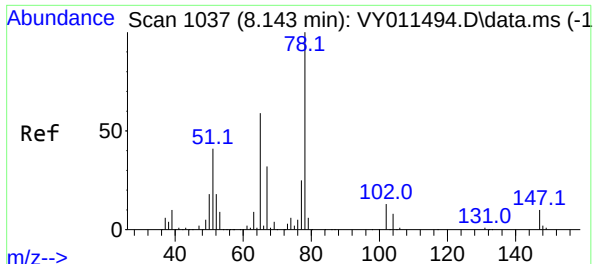


#31
Cyclohexane
Concen: 1.337 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY011528.D
Acq: 21 Nov 2022 16:49

Tgt Ion: 56 Resp: 3859

Ion	Ratio	Lower	Upper
56	100		
69	177.2	26.7	40.1#
84	123.3	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 74.188 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011528.D

Acq: 21 Nov 2022 16:49

Instrument :

MSVOA_Y

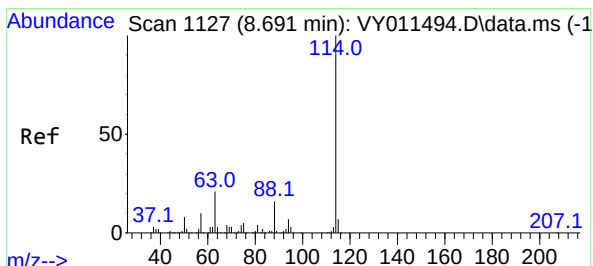
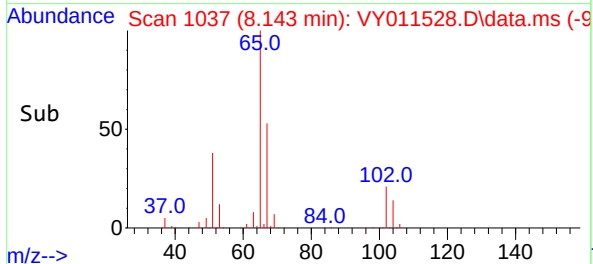
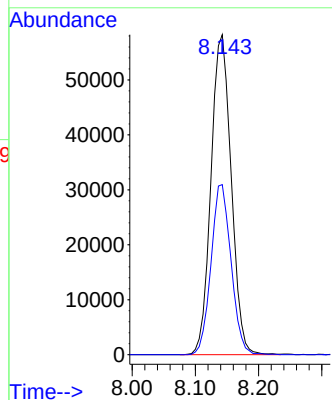
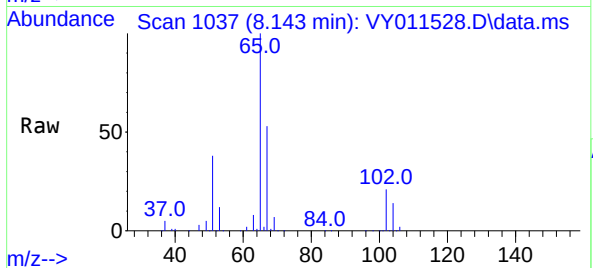
ClientSampleId :

Tgt Ion: 65 Resp: 129145

Ion Ratio Lower Upper

65 100

67 52.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011528.D

Acq: 21 Nov 2022 16:49

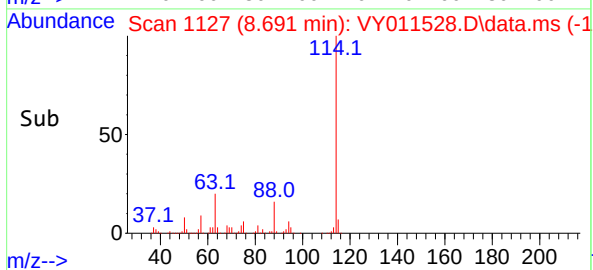
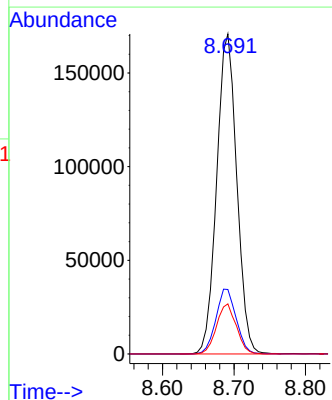
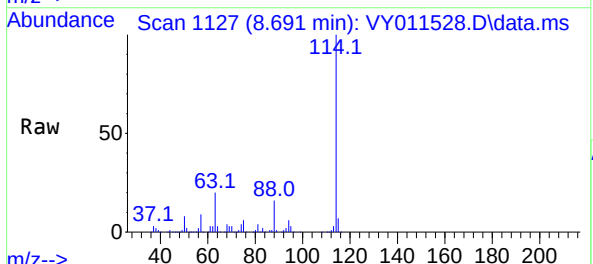
Tgt Ion: 114 Resp: 333057

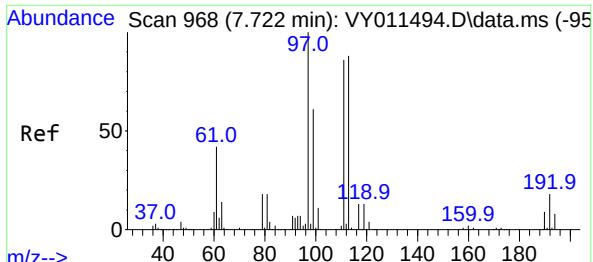
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

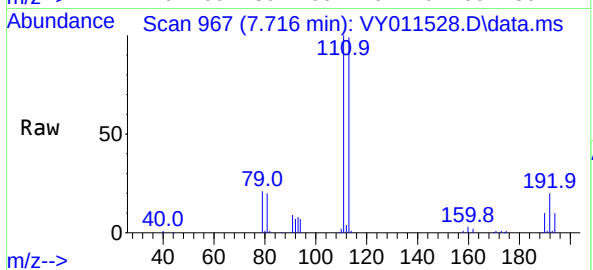
88 15.6 0.0 31.8



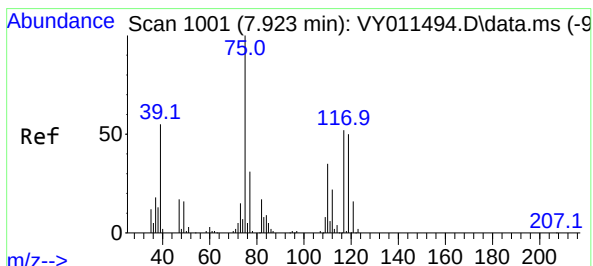
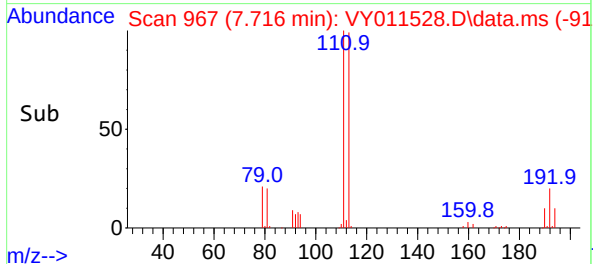
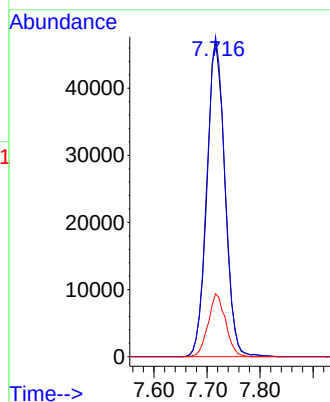


#35
Dibromofluoromethane
Concen: 53.977 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY011528.D
Acq: 21 Nov 2022 16:49

Instrument :
MSVOA_Y
ClientSampleId :

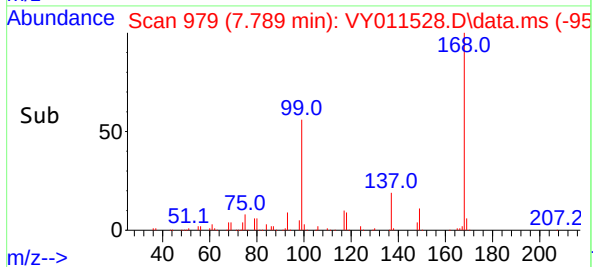
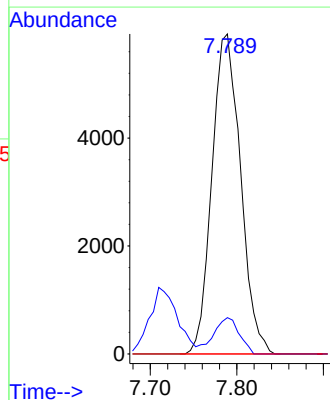
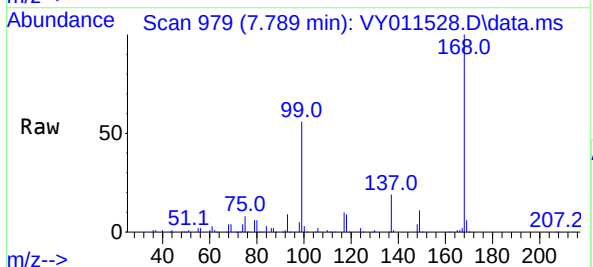


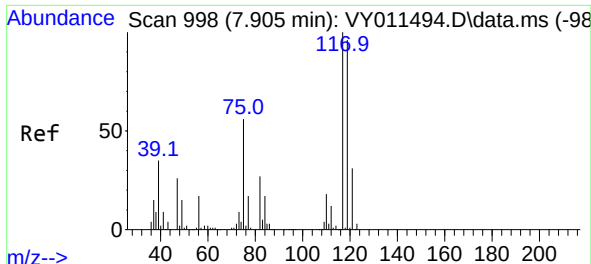
Tgt Ion:113 Resp: 110668
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 19.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.246 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY011528.D
Acq: 21 Nov 2022 16:49

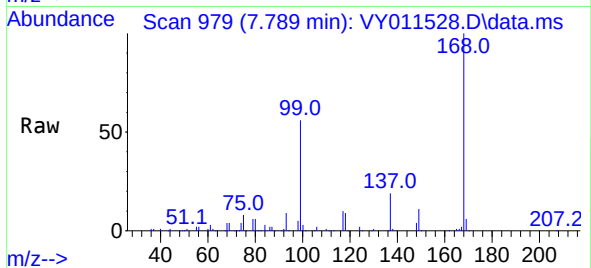
Tgt Ion: 75 Resp: 13607
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#



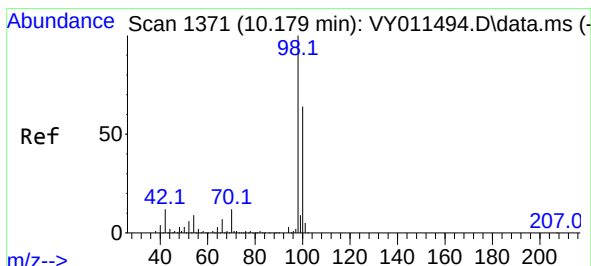
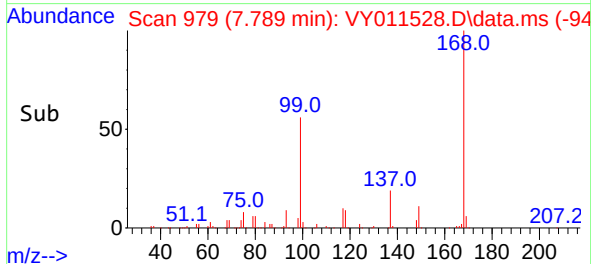
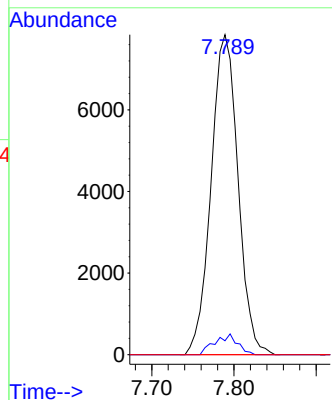


#38
Carbon Tetrachloride
Concen: 4.981 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011528.D
Acq: 21 Nov 2022 16:49

Instrument :
MSVOA_Y
ClientSampleId :

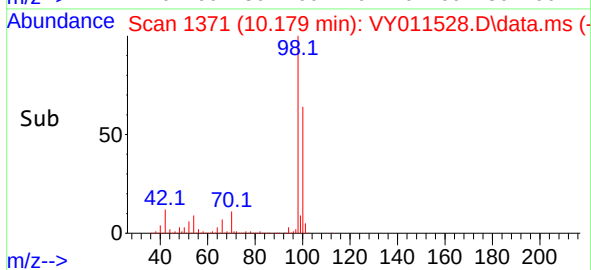
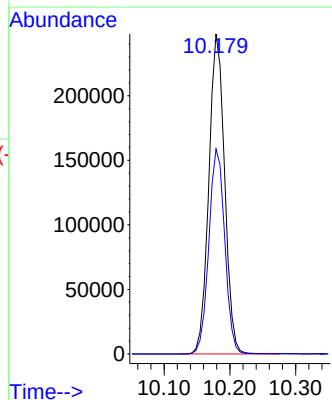
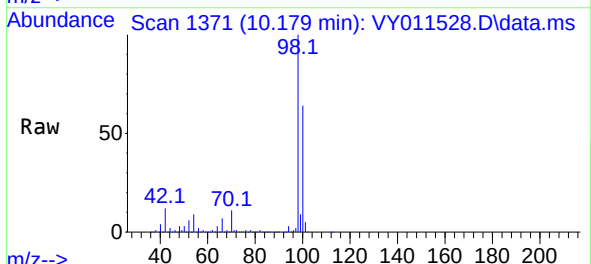


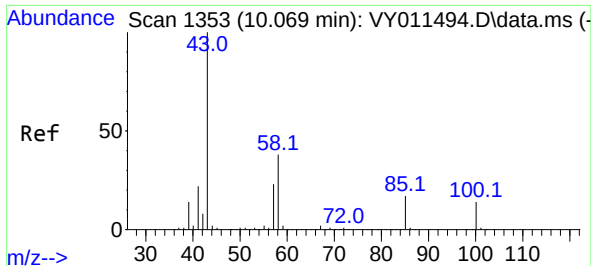
Tgt Ion:117 Resp: 17859
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.589 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011528.D
Acq: 21 Nov 2022 16:49

Tgt Ion: 98 Resp: 414166
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

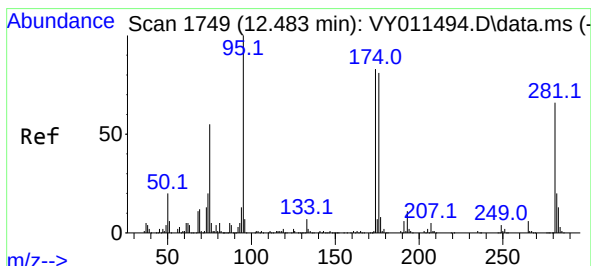
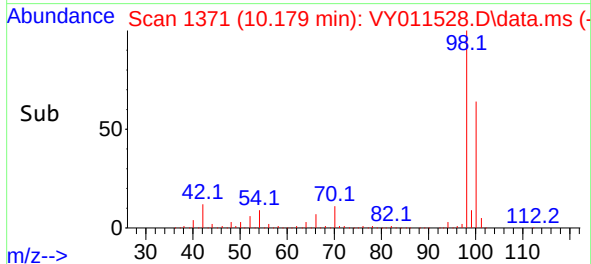
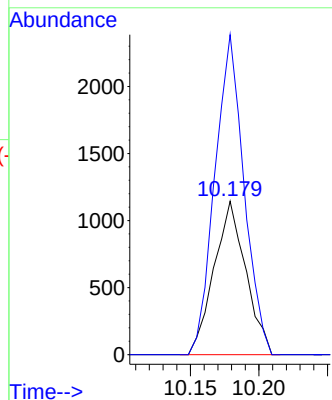
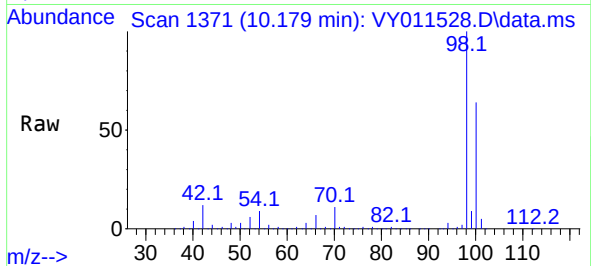




#51
4-Methyl-2-Pentanone
Concen: 1.008 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY011528.D
Acq: 21 Nov 2022 16:49

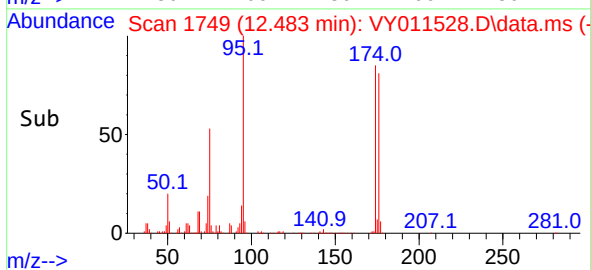
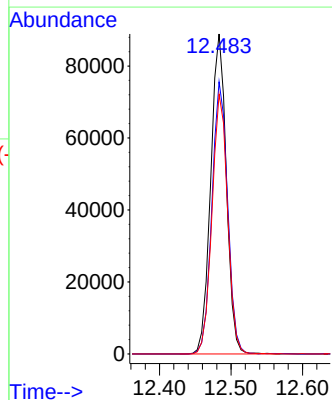
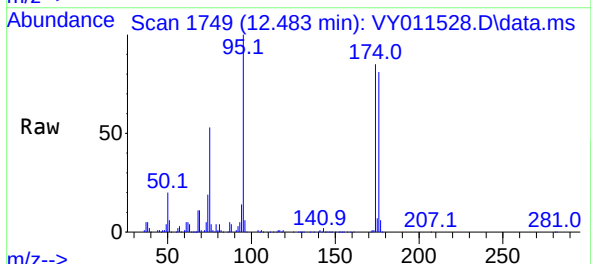
Instrument :
MSVOA_Y
ClientSampleId :

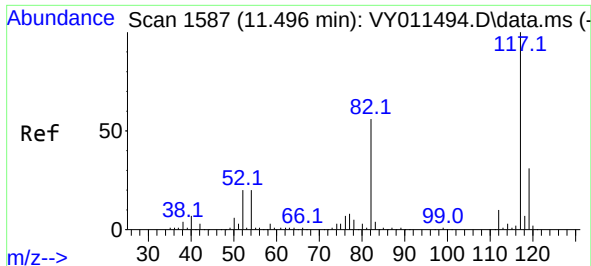
Tgt Ion: 43 Resp: 1844
Ion Ratio Lower Upper
43 100
58 191.2 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 48.973 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011528.D
Acq: 21 Nov 2022 16:49

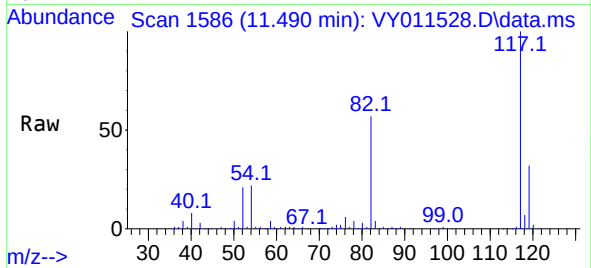
Tgt Ion: 95 Resp: 134906
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 81.2 0.0 175.8



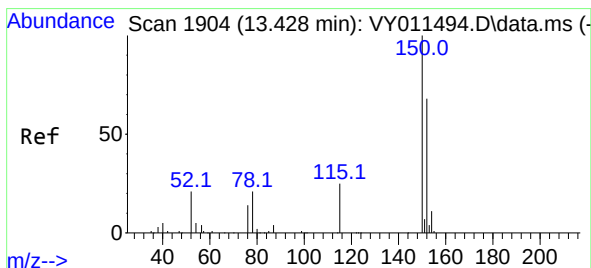
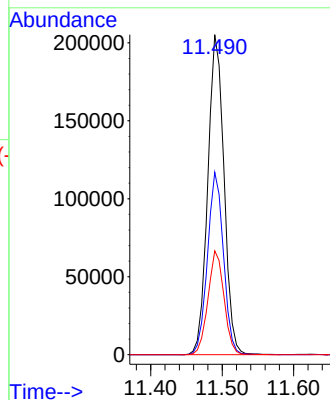
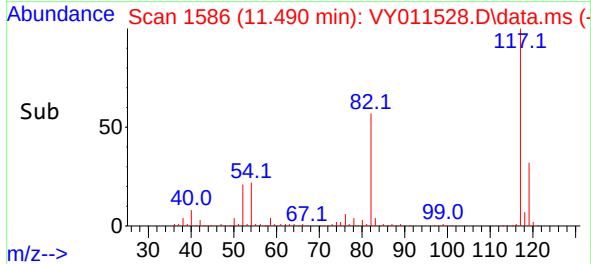


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011528.D
Acq: 21 Nov 2022 16:49

Instrument :
MSVOA_Y
ClientSampleId :

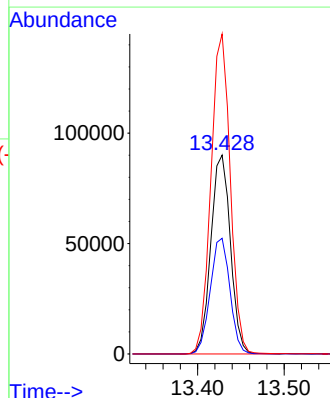
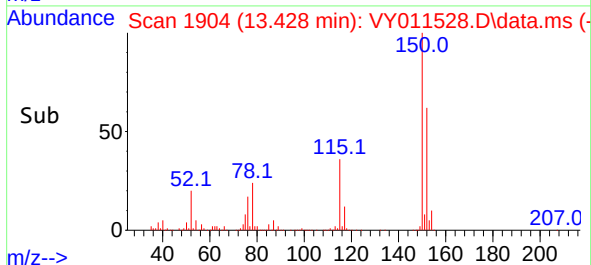
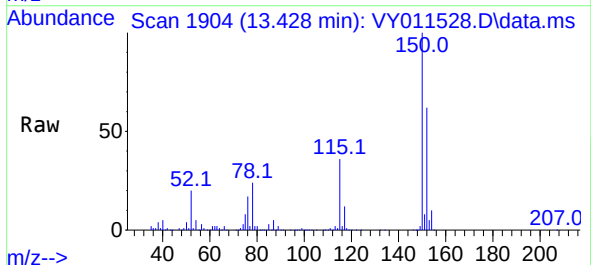


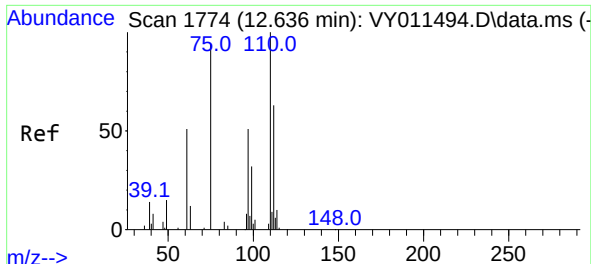
Tgt Ion:117 Resp: 323796
Ion Ratio Lower Upper
117 100
82 57.0 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011528.D
Acq: 21 Nov 2022 16:49

Tgt Ion:152 Resp: 141543
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 158.7 0.0 347.6

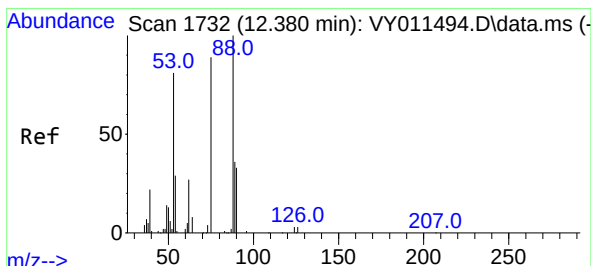
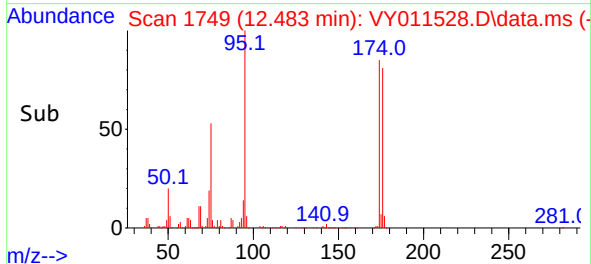
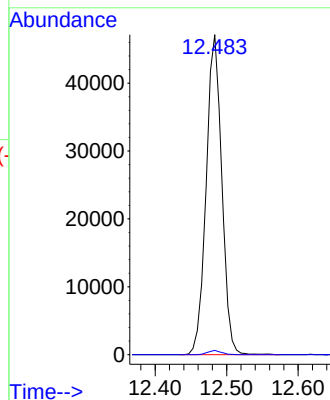
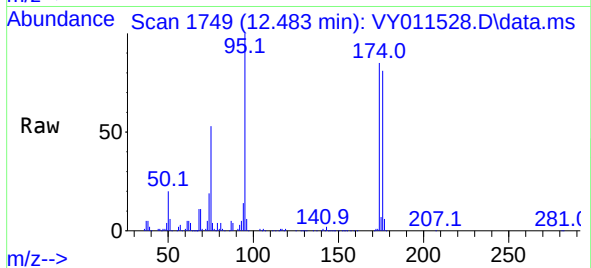




#76
1,2,3-Trichloropropane
Concen: 46.854 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011528.D
Acq: 21 Nov 2022 16:49

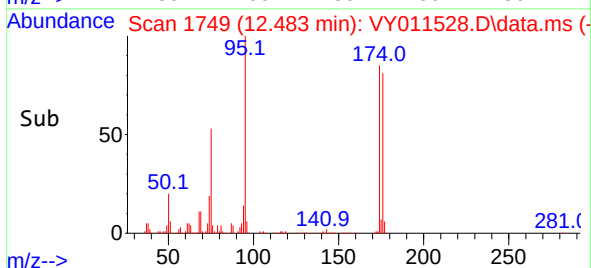
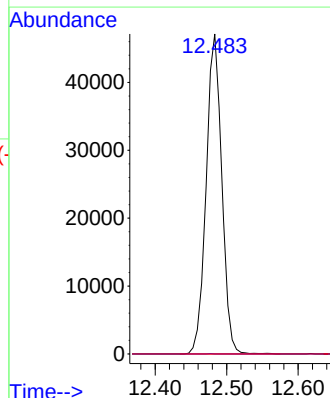
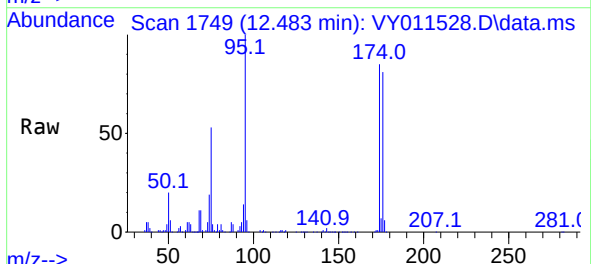
Instrument :
MSVOA_Y
ClientSampleId :

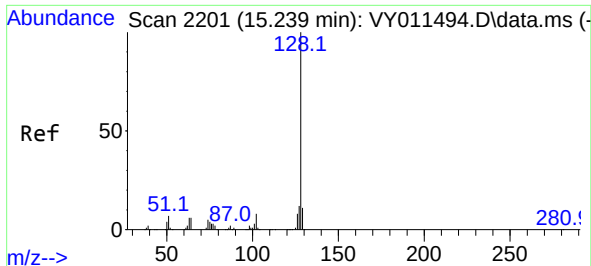
Tgt Ion: 75 Resp: 71420
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.625 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011528.D
Acq: 21 Nov 2022 16:49

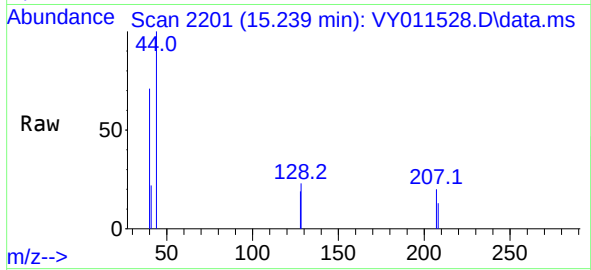
Tgt Ion: 75 Resp: 71420
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 4.071 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011528.D
Acq: 21 Nov 2022 16:49

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	276
Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.0	16.4#
129	0.0	8.4	12.6#

