

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011867.D
 Acq On : 15 Dec 2022 13:29
 Operator : KP/MD
 Sample : N6026-02RE
 Misc : 3.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-29-SB02

Quant Time: Dec 16 00:14:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	291925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	477151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	335652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95805	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	95825	47.903	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.800%
35) Dibromofluoromethane	7.716	113	113237	53.703	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.400%
50) Toluene-d8	10.179	98	292588	40.886	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.780%
62) 4-Bromofluorobenzene	12.483	95	108015	37.944	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.880%

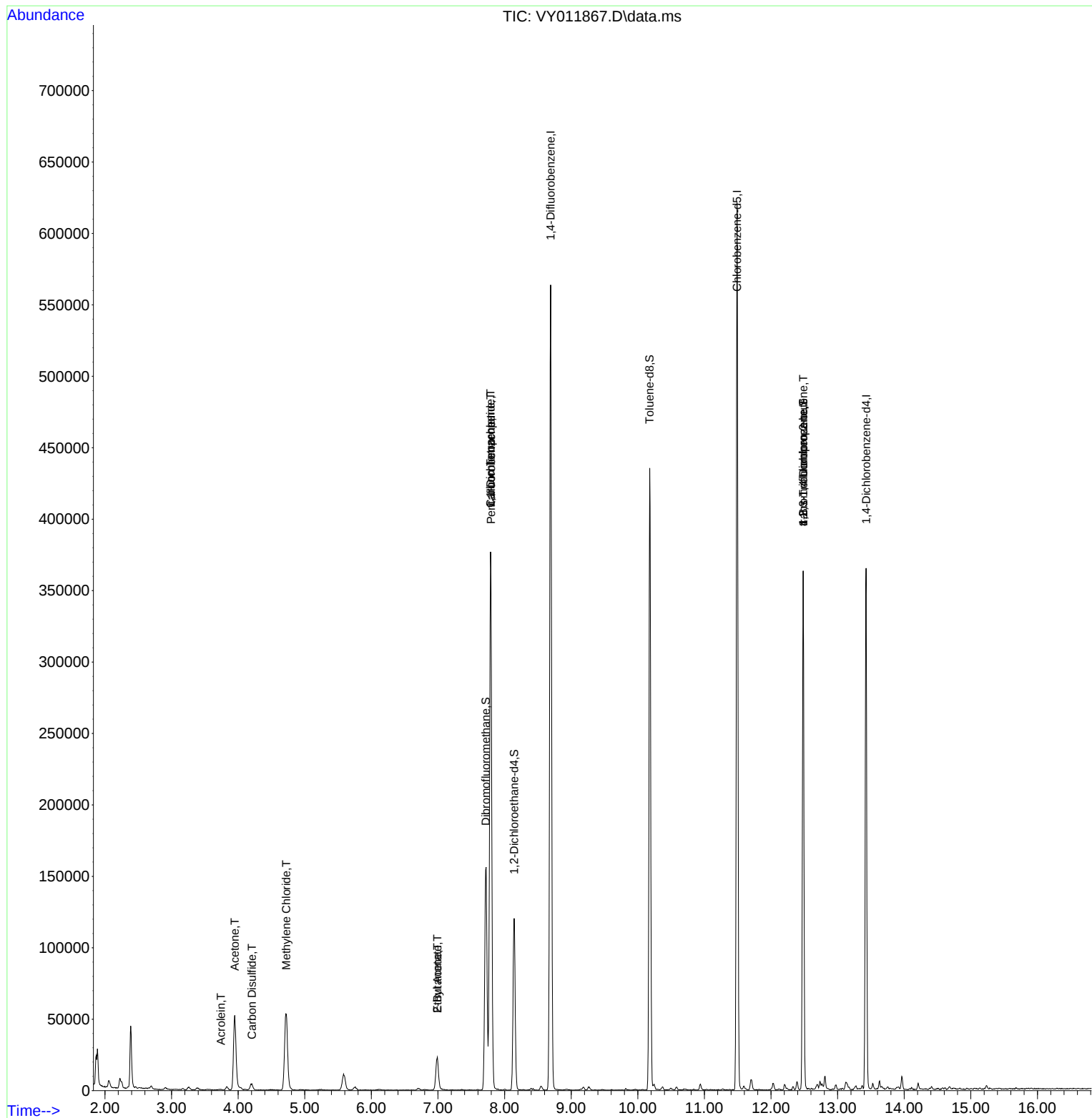
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	96	Below Cal	#	41
3) Chloromethane	2.113	50	184	Below Cal		89
4) Vinyl Chloride	2.253	62	64	Below Cal	#	43
5) Bromomethane	2.662	94	169	Below Cal		99
11) Tert butyl alcohol	4.948	59	669	Below Cal	#	74
13) Acrolein	3.741	56	516	1.254	ug/l #	14
16) Acetone	3.948	43	89827	112.691	ug/l	100
17) Carbon Disulfide	4.204	76	8261	1.674	ug/l	96
18) Methyl Acetate	4.485	43	717	Below Cal	#	58
20) Methylene Chloride	4.722	84	42984	10.508	ug/l	97
25) 2-Butanone	6.990	43	34793	33.933	ug/l	93
31) Cyclohexane	7.789	56	6196	Below Cal	#	10
36) 1,1-Dichloropropene	7.789	75	21352	5.897	ug/l #	50
37) Ethyl Acetate	6.990	43	34793	16.436	ug/l #	72
38) Carbon Tetrachloride	7.789	117	29425	6.918	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	54936	56.676	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54936	128.610	ug/l #	13

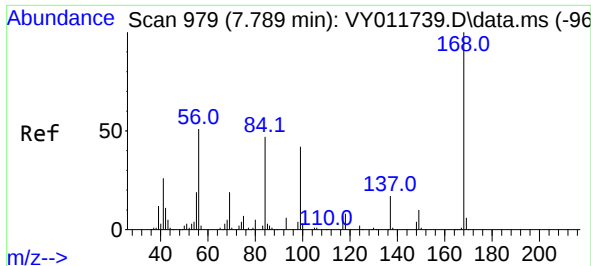
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Dec 10 04:19:59 2022
Response via : Initial Calibration

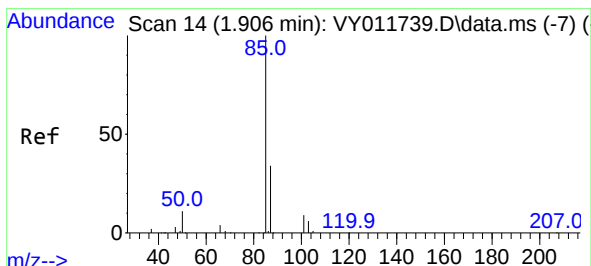
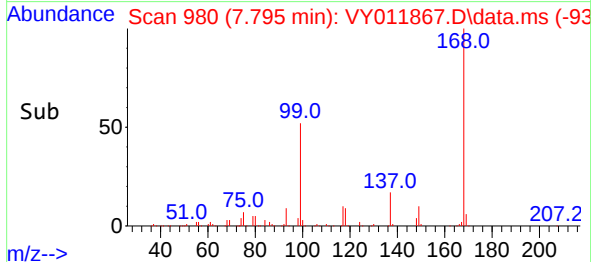
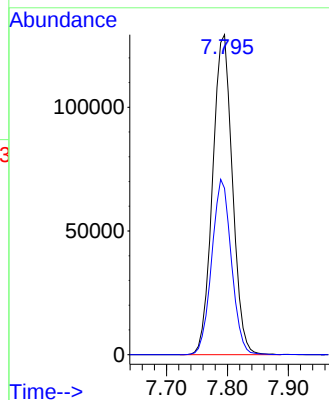
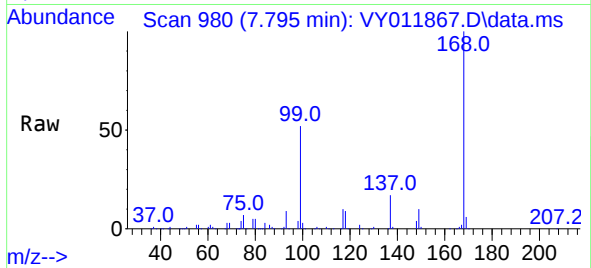




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011867.D
Acq: 15 Dec 2022 13:29

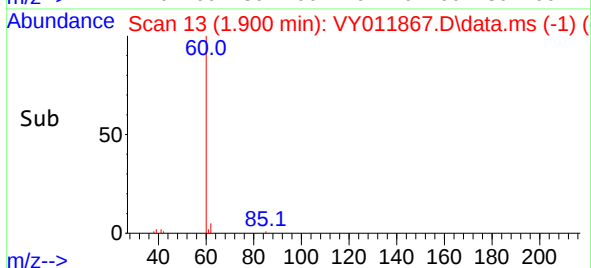
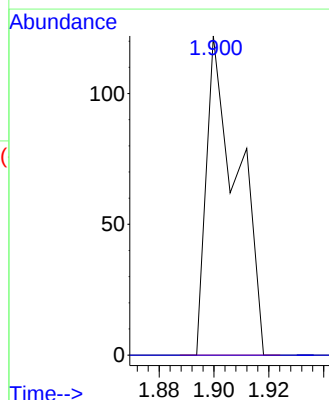
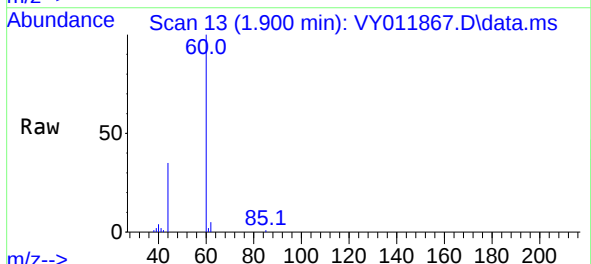
Instrument :
MSVOA_Y
ClientSampleId :
B-29-SB02

Tgt Ion:168 Resp: 291925
Ion Ratio Lower Upper
168 100
99 52.0 44.0 66.0

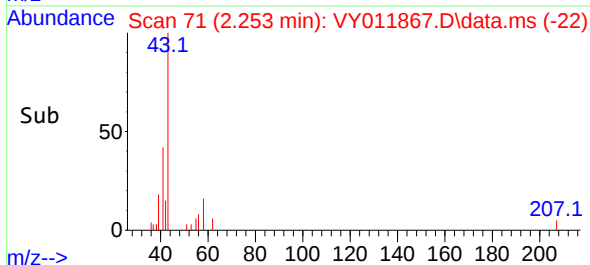
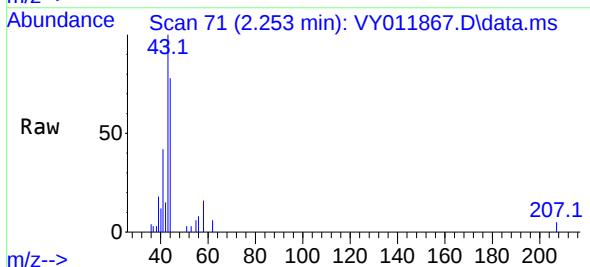
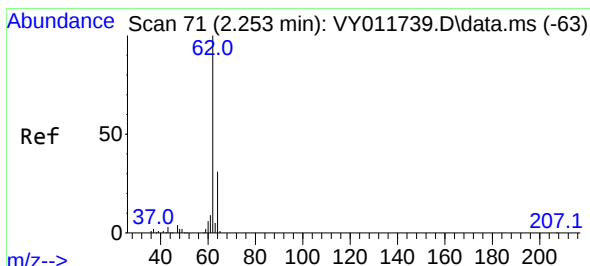
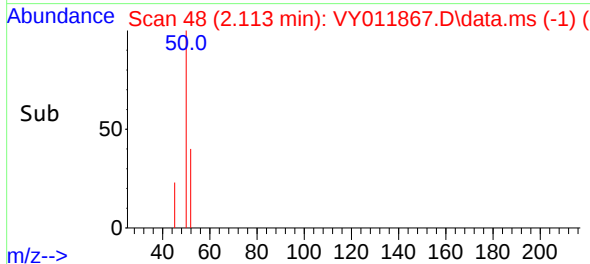
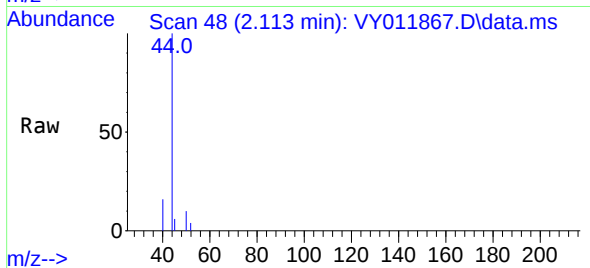
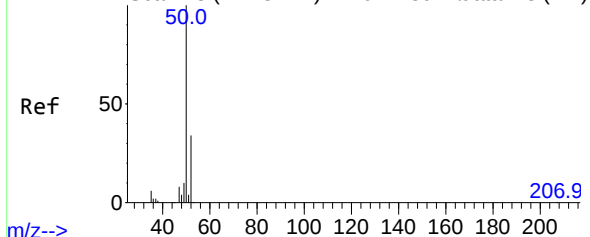


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY011867.D
Acq: 15 Dec 2022 13:29

Tgt Ion: 85 Resp: 96
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#



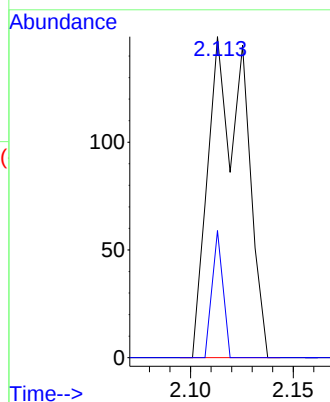
Abundance Scan 48 (2.113 min): VY011739.D\data.ms (-42)



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011867.D
Acq: 15 Dec 2022 13:29

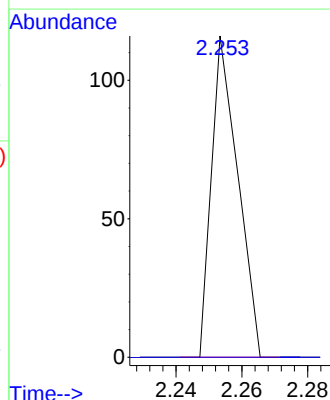
Instrument :
MSVOA_Y
ClientSampleId :
B-29-SB02

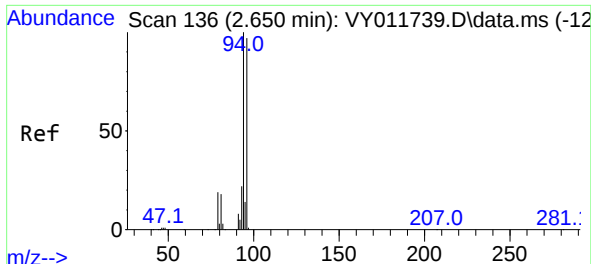
Tgt Ion: 50 Resp: 184
Ion Ratio Lower Upper
50 100
52 39.6 26.8 40.2



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011867.D
Acq: 15 Dec 2022 13:29

Tgt Ion: 62 Resp: 64
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

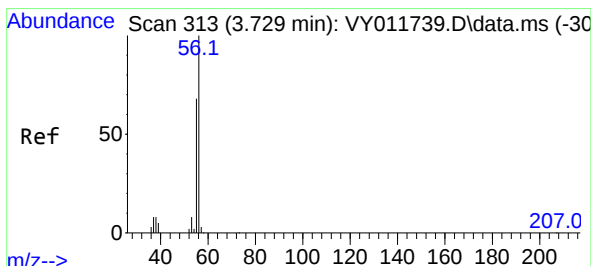
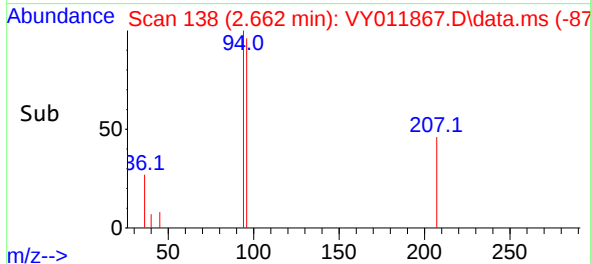
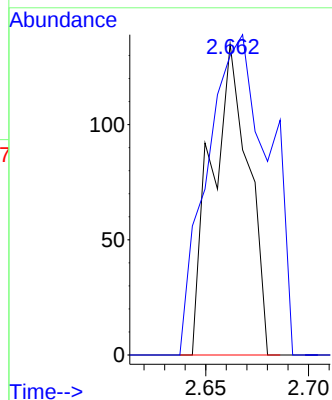
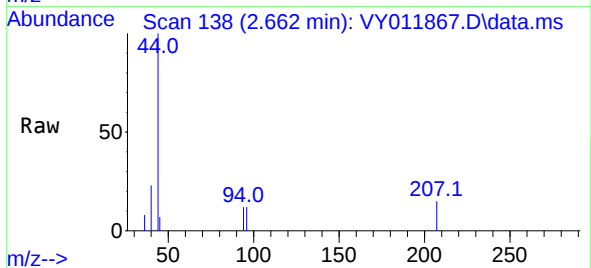




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY011867.D
Acq: 15 Dec 2022 13:29

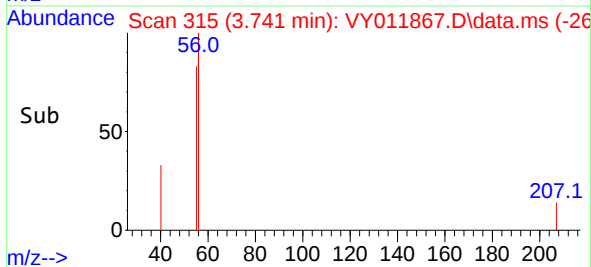
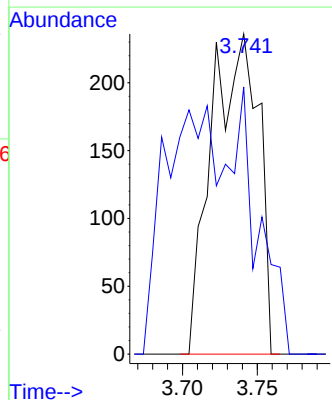
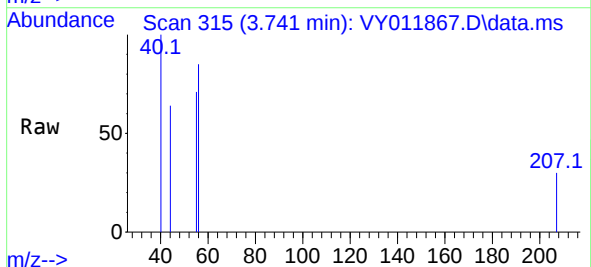
Instrument :
MSVOA_Y
ClientSampleId :
B-29-SB02

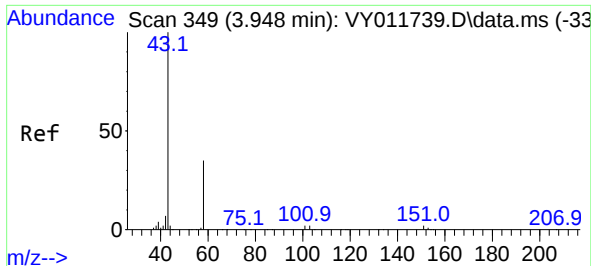
Tgt Ion: 94 Resp: 169
Ion Ratio Lower Upper
94 100
96 96.3 77.4 116.2



#13
Acrolein
Concen: 1.254 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.012 min
Lab File: VY011867.D
Acq: 15 Dec 2022 13:29

Tgt Ion: 56 Resp: 516
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#

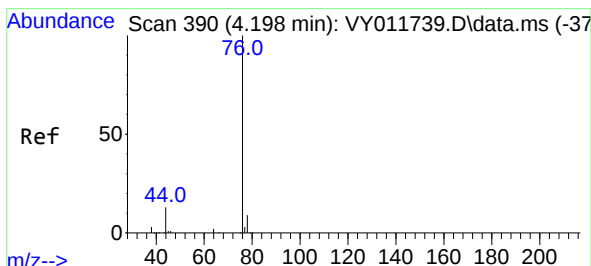
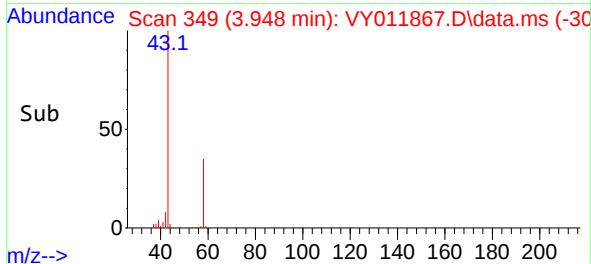
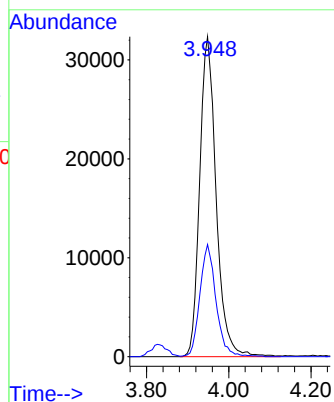
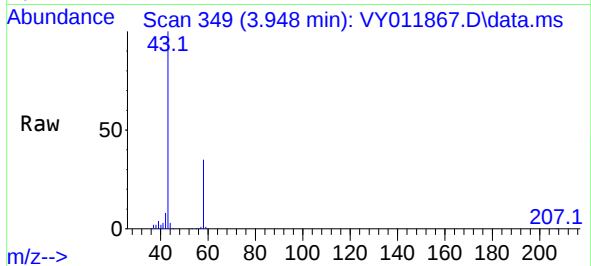




#16
Acetone
Concen: 112.691 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY011867.D
Acq: 15 Dec 2022 13:29

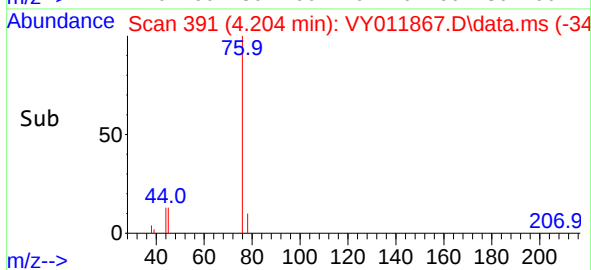
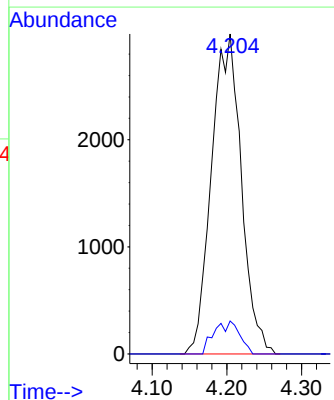
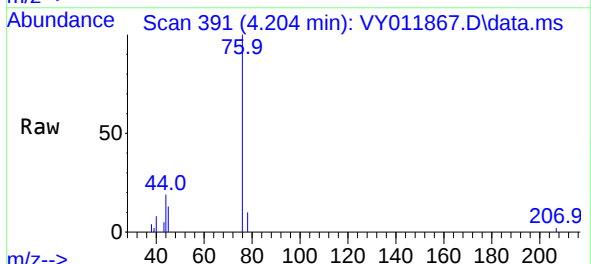
Instrument :
MSVOA_Y
ClientSampleId :
B-29-SB02

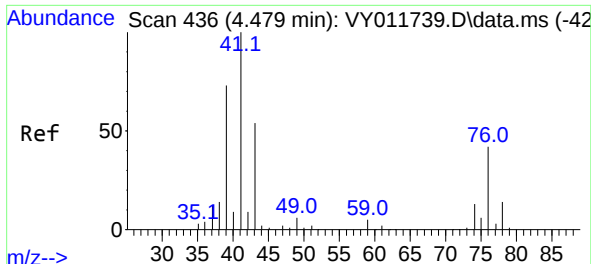
Tgt Ion: 43 Resp: 89827
Ion Ratio Lower Upper
43 100
58 35.0 27.9 41.9



#17
Carbon Disulfide
Concen: 1.674 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY011867.D
Acq: 15 Dec 2022 13:29

Tgt Ion: 76 Resp: 8261
Ion Ratio Lower Upper
76 100
78 10.3 7.2 10.8

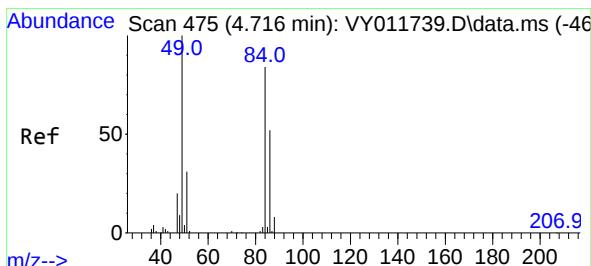
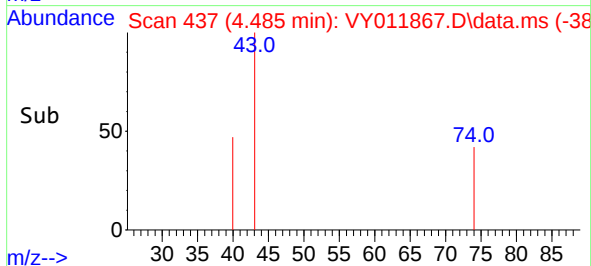
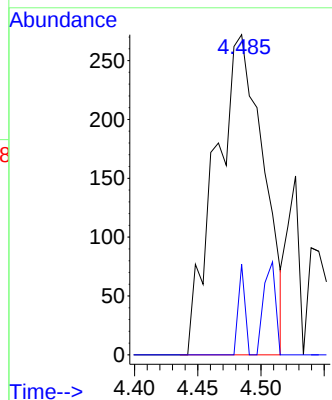
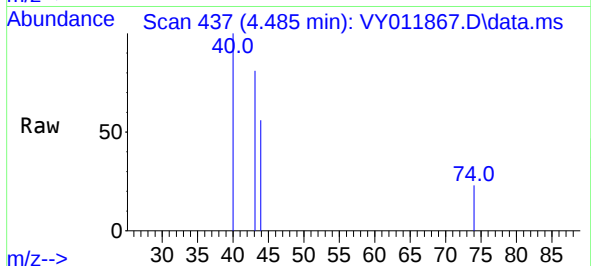




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011867.D
Acq: 15 Dec 2022 13:29

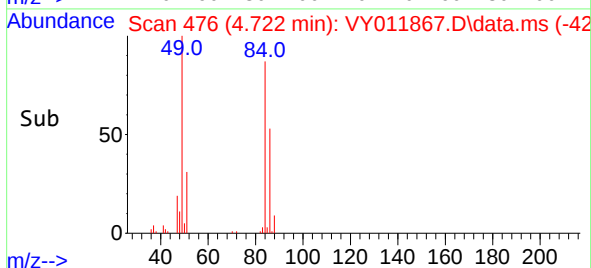
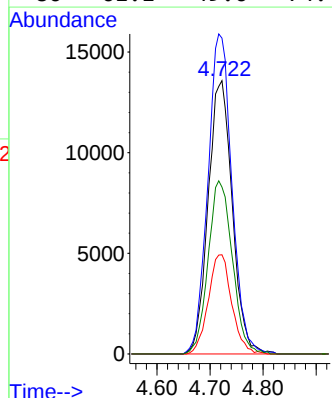
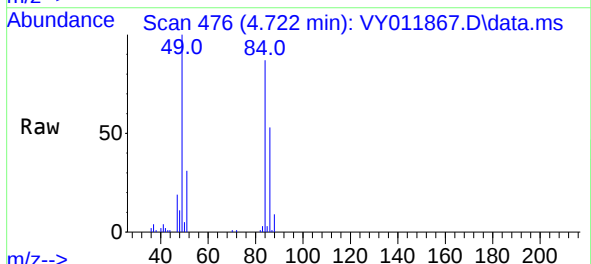
Instrument :
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ClientSampleId :
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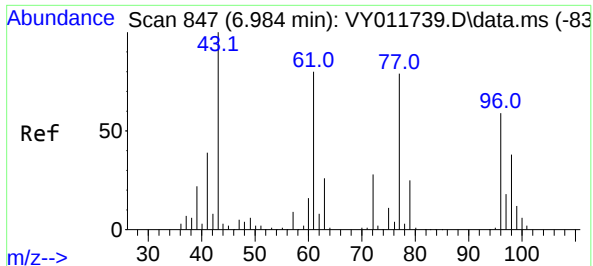
Tgt Ion: 43 Resp: 717
Ion Ratio Lower Upper
43 100
74 3.9 20.1 30.1#



#20
Methylene Chloride
Concen: 10.508 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY011867.D
Acq: 15 Dec 2022 13:29

Tgt Ion: 84 Resp: 42984
Ion Ratio Lower Upper
84 100
49 115.6 95.4 143.2
51 36.3 29.9 44.9
86 61.1 49.6 74.4





#25

2-Butanone

Concen: 33.933 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY011867.D

Acq: 15 Dec 2022 13:29

Instrument :

MSVOA_Y

ClientSampleId :

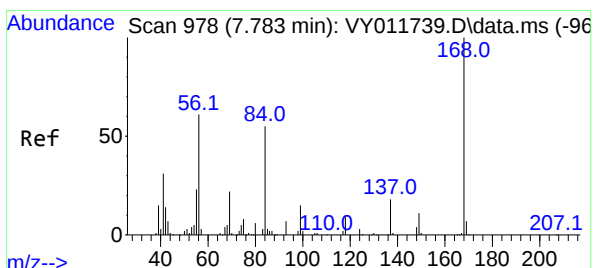
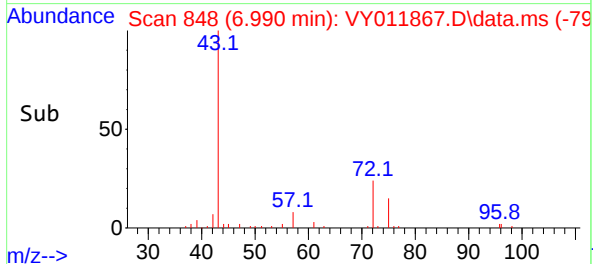
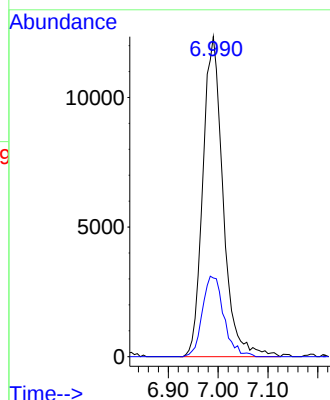
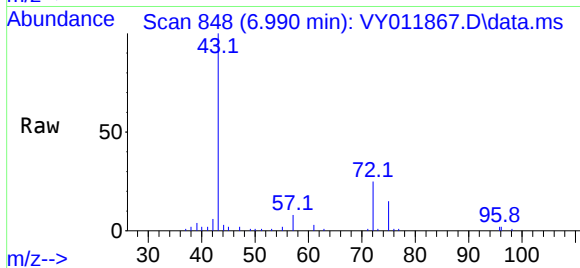
B-29-SB02

Tgt Ion: 43 Resp: 34793

Ion Ratio Lower Upper

43 100

72 24.6 22.6 34.0



#31

Cyclohexane

Concen: Below Cal

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY011867.D

Acq: 15 Dec 2022 13:29

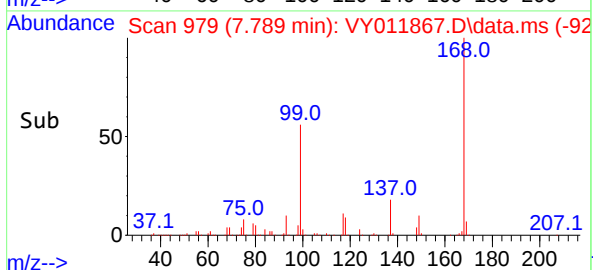
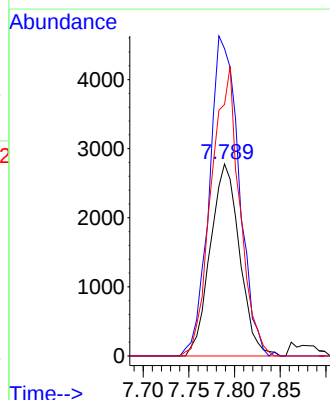
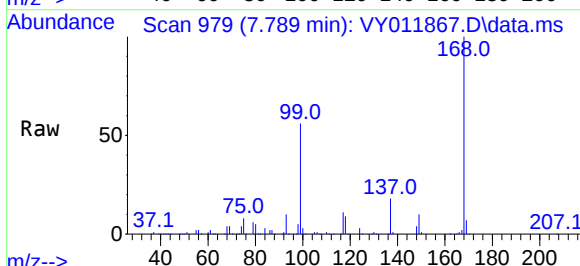
Tgt Ion: 56 Resp: 6196

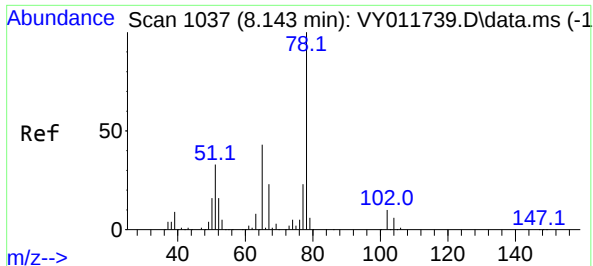
Ion Ratio Lower Upper

56 100

69 160.1 29.2 43.8#

84 131.0 72.6 108.8#

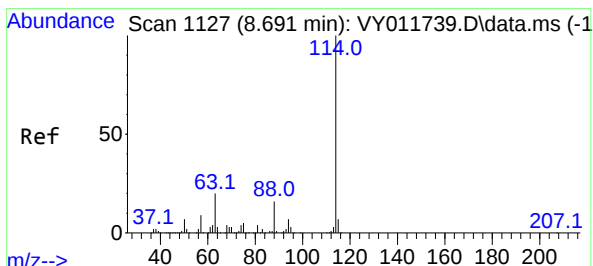
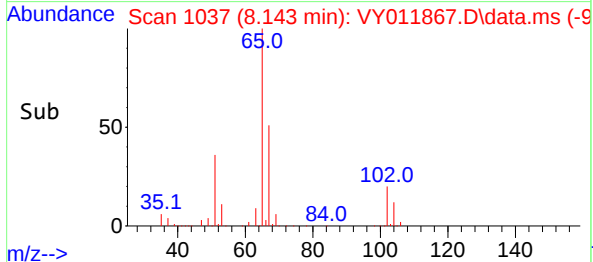
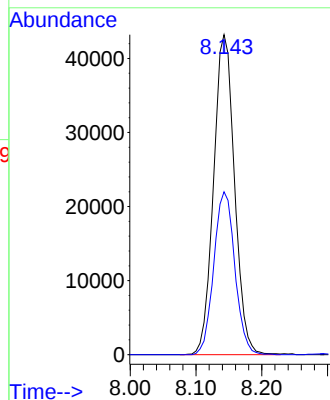
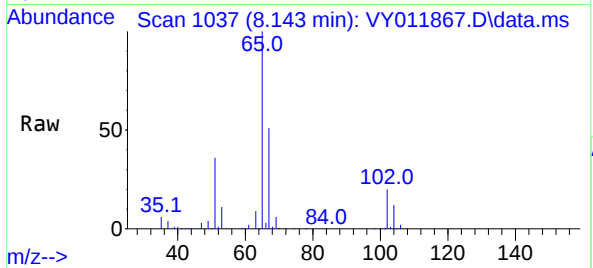




#33
1,2-Dichloroethane-d4
Concen: 47.903 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011867.D
Acq: 15 Dec 2022 13:29

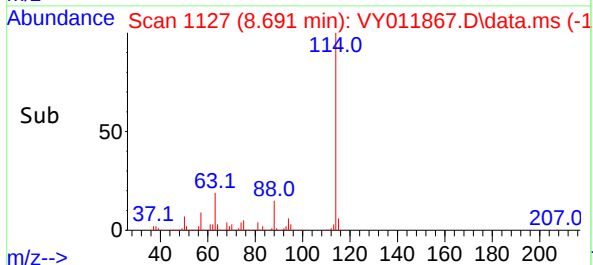
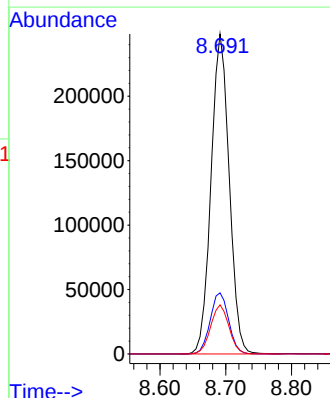
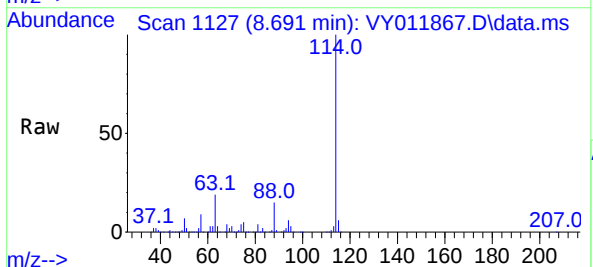
Instrument :
MSVOA_Y
ClientSampleId :
B-29-SB02

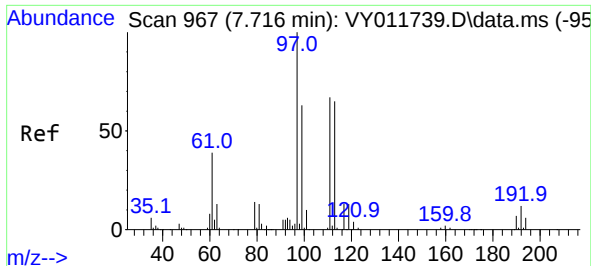
Tgt Ion: 65 Resp: 95825
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011867.D
Acq: 15 Dec 2022 13:29

Tgt Ion: 114 Resp: 477151
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.6
88 15.4 0.0 32.2

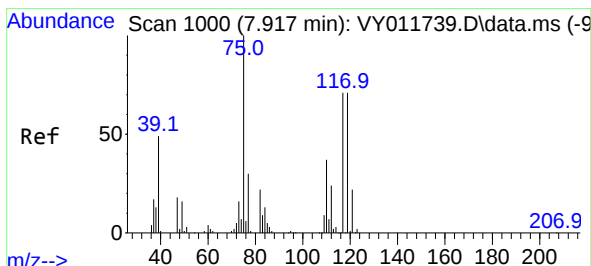
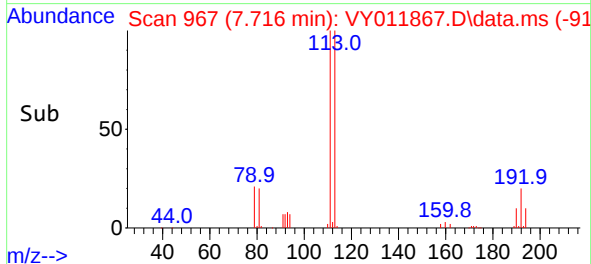
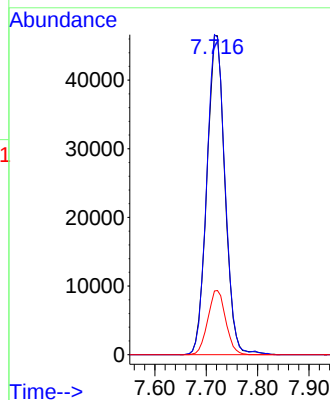
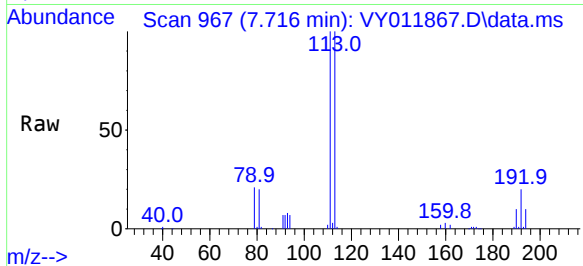




#35
Dibromofluoromethane
Concen: 53.703 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY011867.D
Acq: 15 Dec 2022 13:29

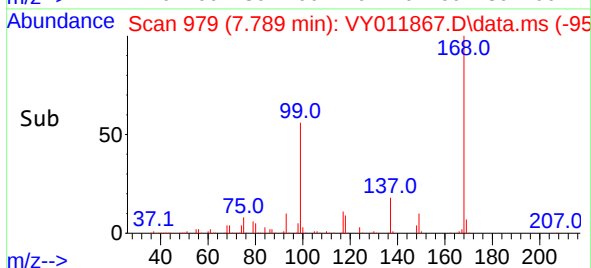
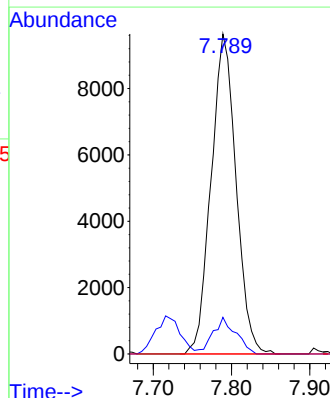
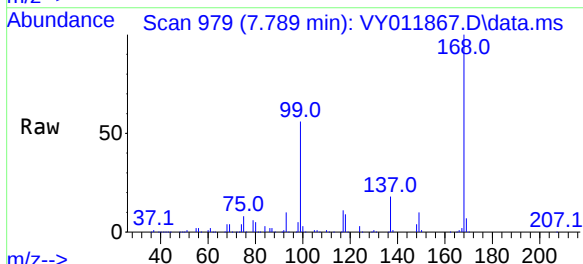
Instrument :
MSVOA_Y
ClientSampleId :
B-29-SB02

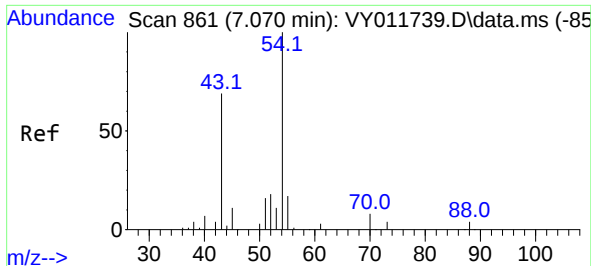
Tgt Ion:113 Resp: 113237
Ion Ratio Lower Upper
113 100
111 101.2 83.0 124.4
192 19.9 16.0 24.0



#36
1,1-Dichloropropene
Concen: 5.897 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011867.D
Acq: 15 Dec 2022 13:29

Tgt Ion: 75 Resp: 21352
Ion Ratio Lower Upper
75 100
110 10.5 18.1 54.1#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 16.436 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.080 min

Lab File: VY011867.D

Acq: 15 Dec 2022 13:29

Instrument :

MSVOA_Y

ClientSampleId :

B-29-SB02

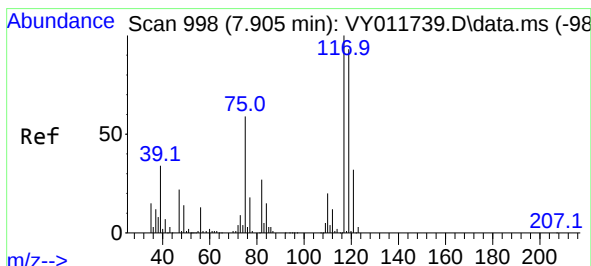
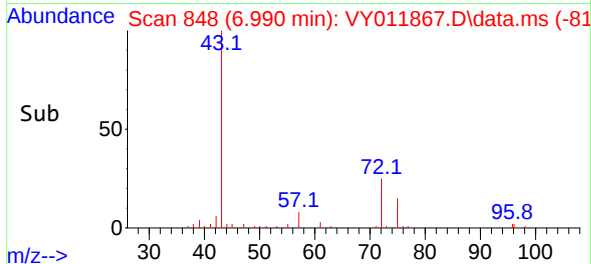
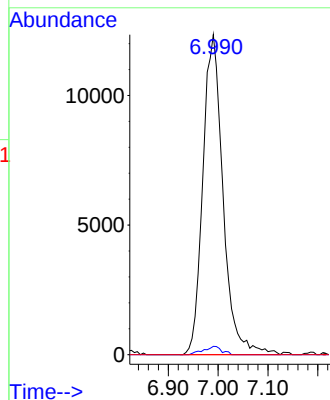
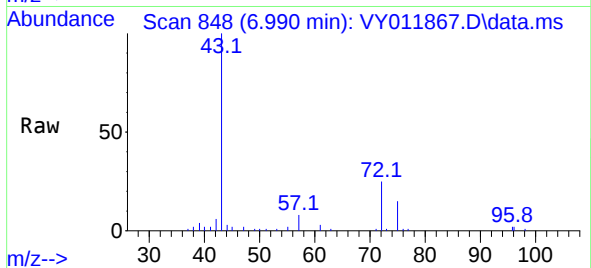
Tgt Ion: 43 Resp: 34793

Ion Ratio Lower Upper

43 100

61 2.4 11.3 16.9#

70 0.0 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 6.918 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011867.D

Acq: 15 Dec 2022 13:29

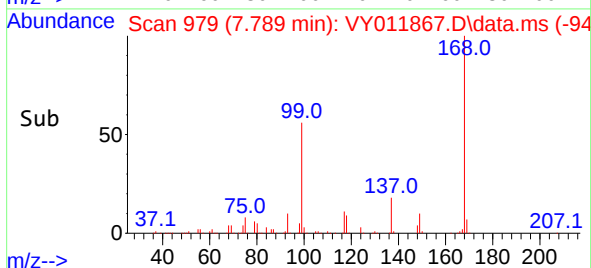
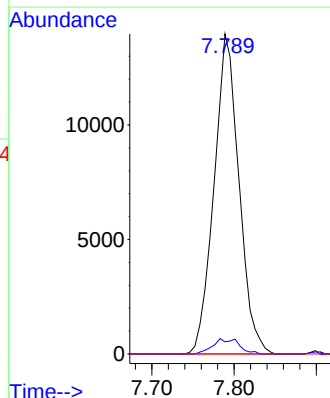
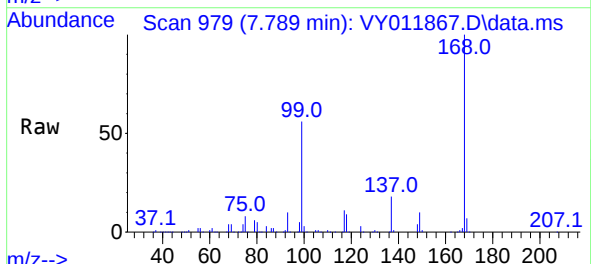
Tgt Ion: 117 Resp: 29425

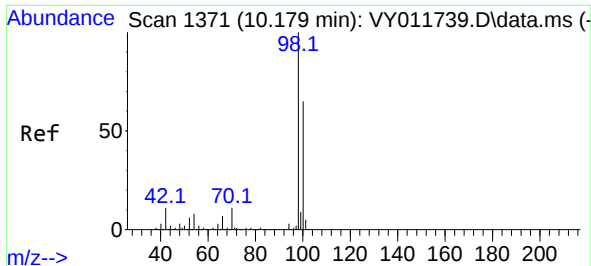
Ion Ratio Lower Upper

117 100

119 3.8 73.8 110.8#

121 0.0 25.2 37.8#

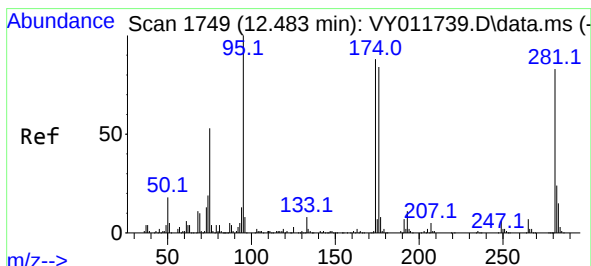
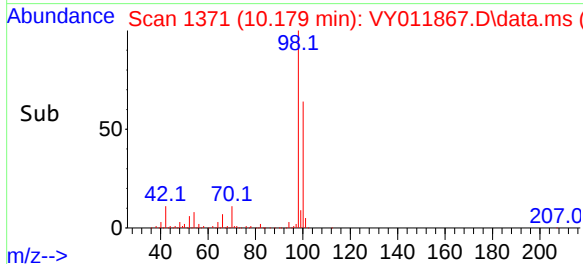
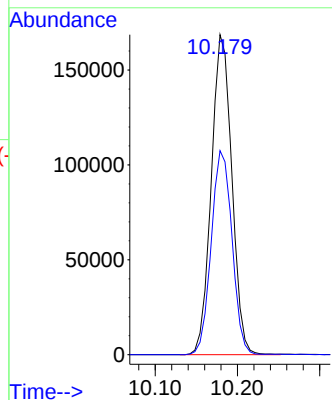
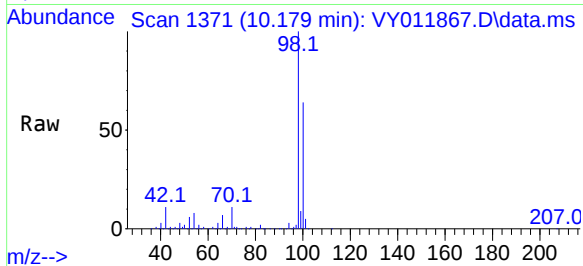




#50
Toluene-d8
Concen: 40.886 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011867.D
Acq: 15 Dec 2022 13:29

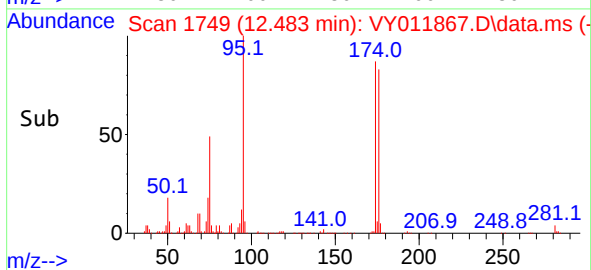
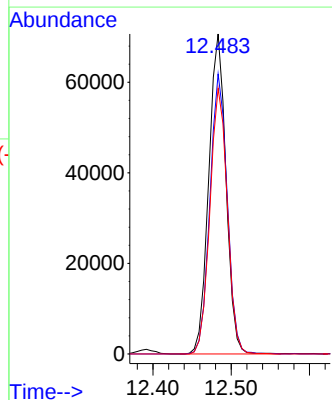
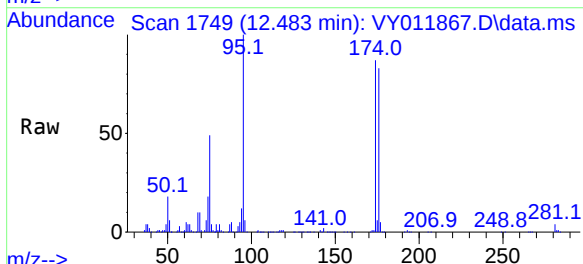
Instrument :
MSVOA_Y
ClientSampleId :
B-29-SB02

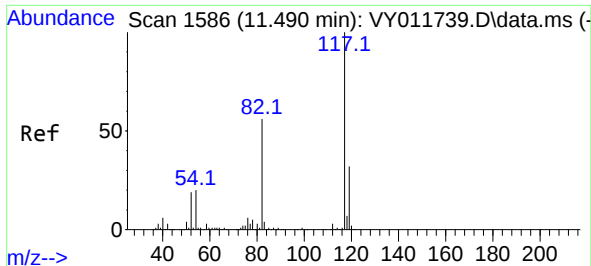
Tgt Ion: 98 Resp: 292588
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 37.944 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011867.D
Acq: 15 Dec 2022 13:29

Tgt Ion: 95 Resp: 108015
Ion Ratio Lower Upper
95 100
174 87.7 0.0 172.0
176 83.7 0.0 167.6

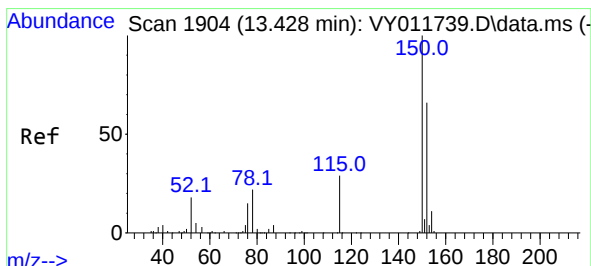
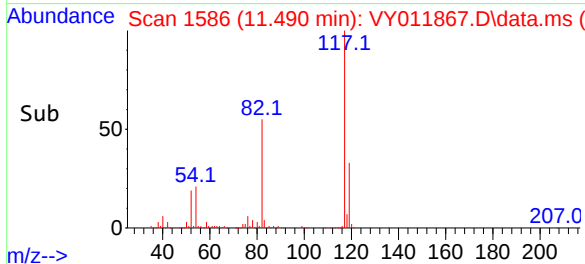
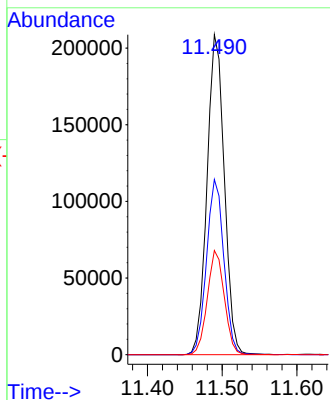
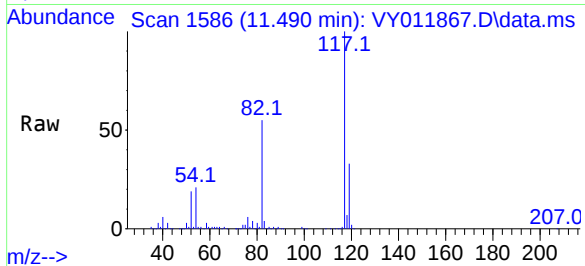




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011867.D
Acq: 15 Dec 2022 13:29

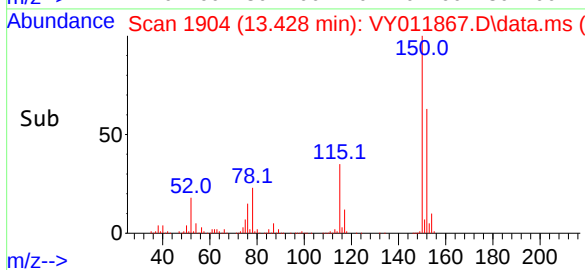
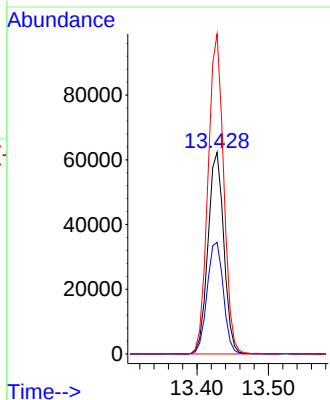
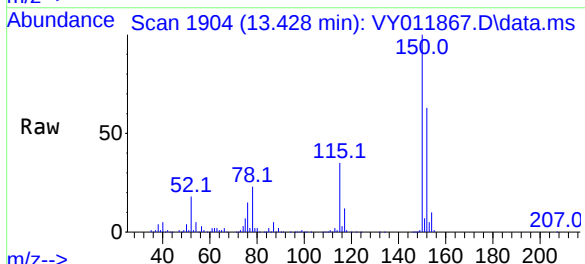
Instrument :
MSVOA_Y
ClientSampleId :
B-29-SB02

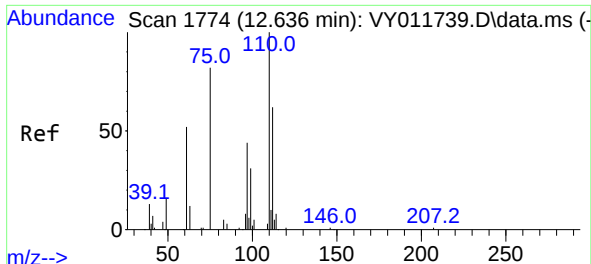
Tgt Ion:117 Resp: 335652
Ion Ratio Lower Upper
117 100
82 54.8 44.8 67.2
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011867.D
Acq: 15 Dec 2022 13:29

Tgt Ion:152 Resp: 95805
Ion Ratio Lower Upper
152 100
115 57.0 29.1 87.3
150 157.0 0.0 342.6

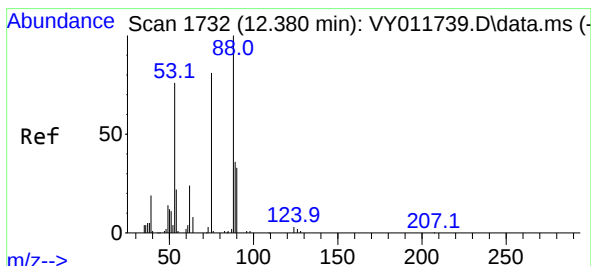
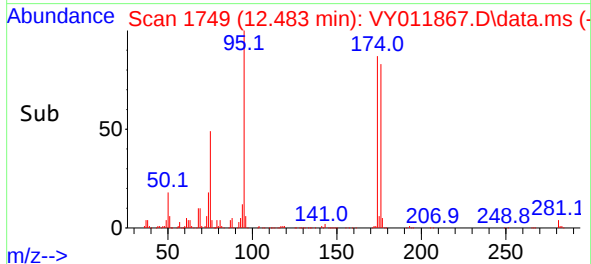
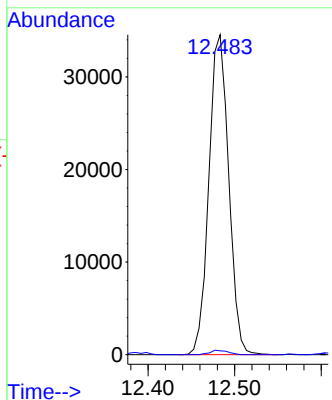
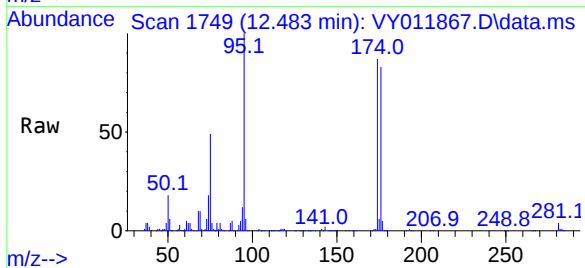




#76
1,2,3-Trichloropropane
Concen: 56.676 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY011867.D
Acq: 15 Dec 2022 13:29

Instrument :
MSVOA_Y
ClientSampleId :
B-29-SB02

Tgt Ion: 75 Resp: 54936
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.610 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY011867.D
Acq: 15 Dec 2022 13:29

Tgt Ion: 75 Resp: 54936
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.1 37.0 55.4#

