

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011788.D
 Acq On : 13 Dec 2022 13:09
 Operator : KP/MD
 Sample : N5964-03
 Misc : 2.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-518-COMP-02

Quant Time: Dec 13 22:17:37 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	7.789	168	43526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	64462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	54146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	19572	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	15904	53.922	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.840%
35) Dibromofluoromethane	7.722	113	15695	55.206	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.420%
50) Toluene-d8	10.179	98	40212	41.726	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.460%
62) 4-Bromofluorobenzene	12.483	95	13116	33.596	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.200%

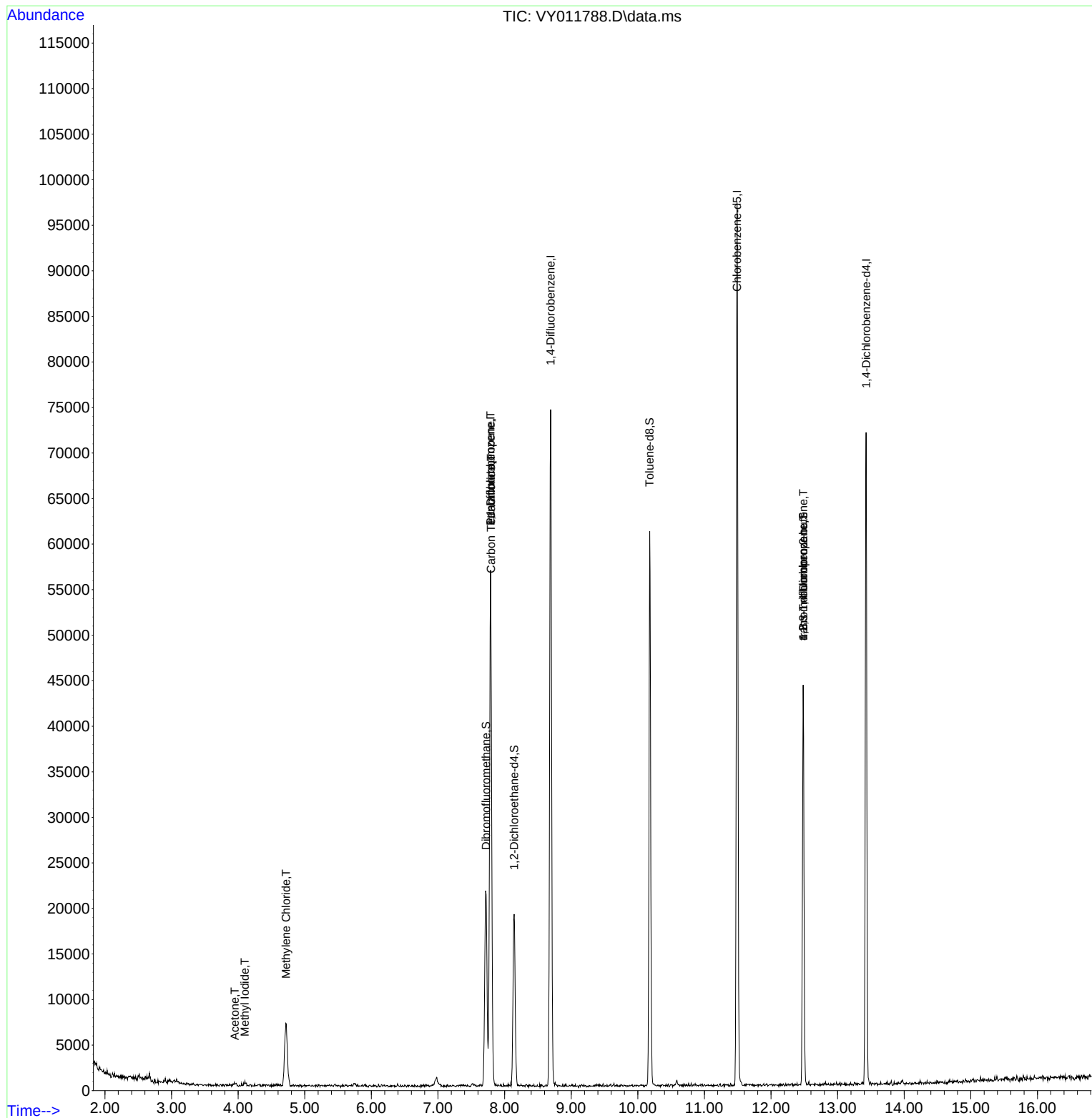
Target Compounds					Qvalue	
3) Chloromethane	2.119	50	118	Below Cal	#	41
5) Bromomethane	2.674	94	246	Below Cal	#	64
10) Methyl Iodide	4.101	142	459	1.098	ug/l #	71
16) Acetone	3.948	43	420	3.534	ug/l #	40
20) Methylene Chloride	4.716	84	5313	7.573	ug/l	96
31) Cyclohexane	7.783	56	858	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	3034	6.202	ug/l #	49
38) Carbon Tetrachloride	7.795	117	4042	7.034	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	6402	32.330	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	6402	73.364	ug/l #	13

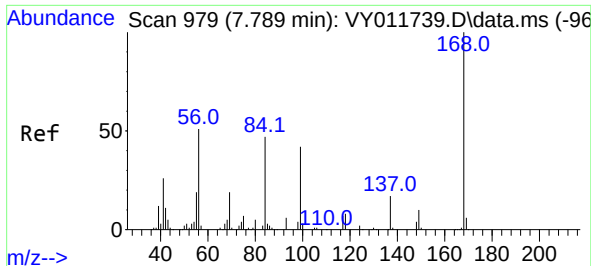
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 10 04:19:59 2022
Response via : Initial Calibration

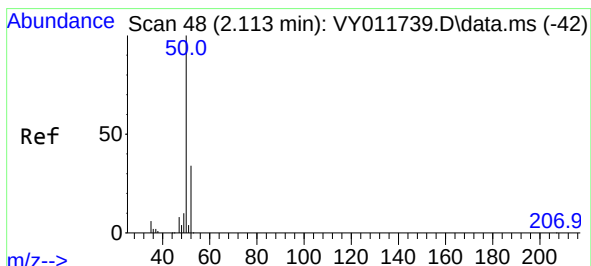
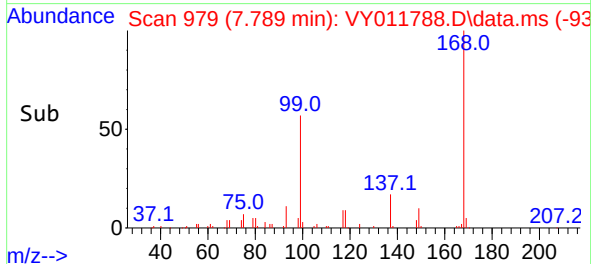
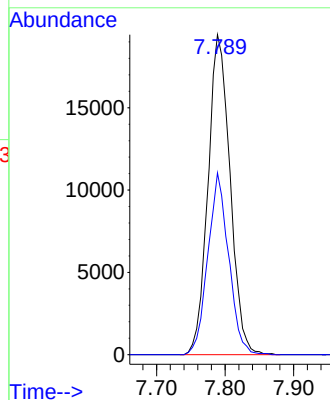
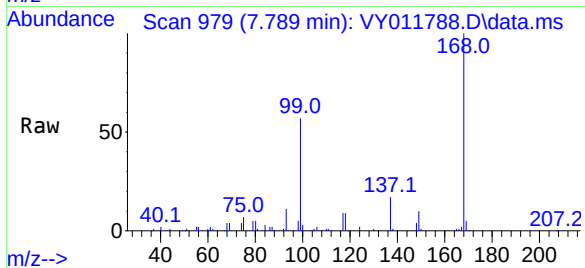




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011788.D
Acq: 13 Dec 2022 13:09

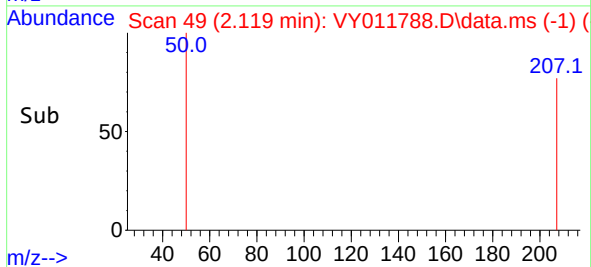
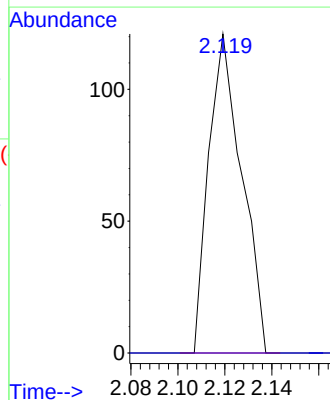
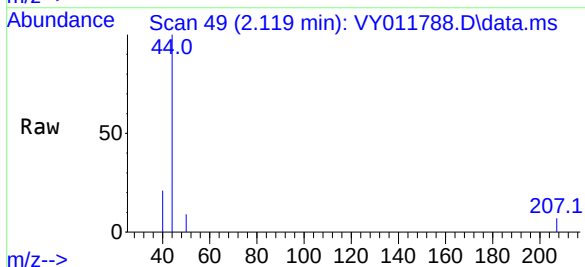
Instrument :
MSVOA_Y
ClientSampleId :
SU-518-COMP-02

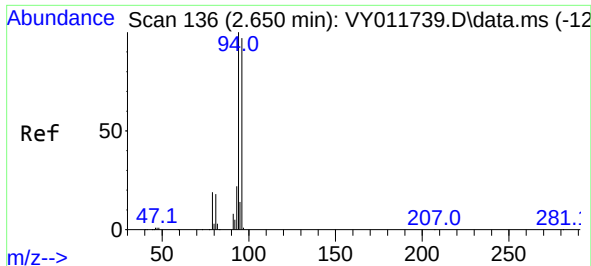
Tgt Ion:168 Resp: 43526
Ion Ratio Lower Upper
168 100
99 56.8 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY011788.D
Acq: 13 Dec 2022 13:09

Tgt Ion: 50 Resp: 118
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

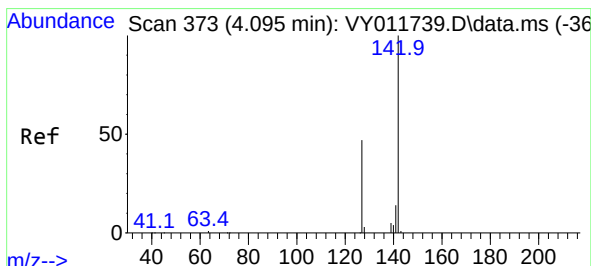
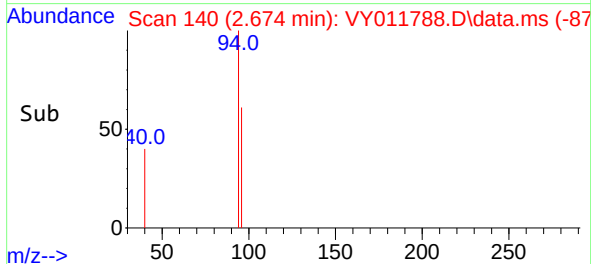
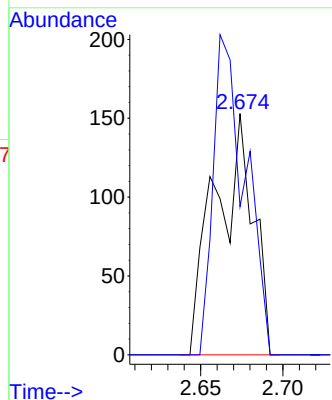
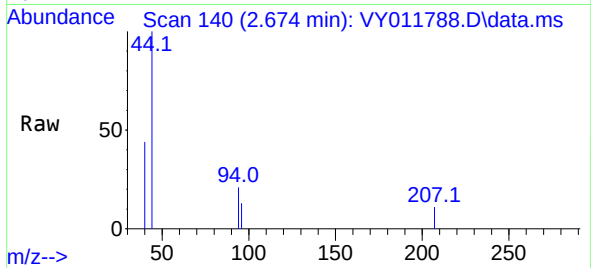




#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 14
Delta R.T. 0.024 min
Lab File: VY011788.D
Acq: 13 Dec 2022 13:09

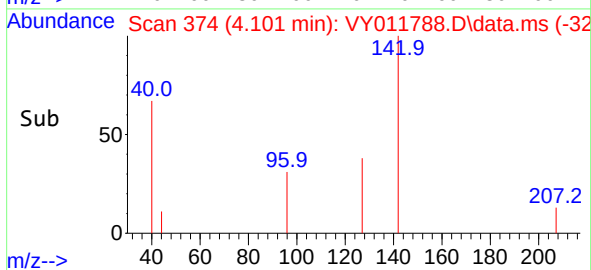
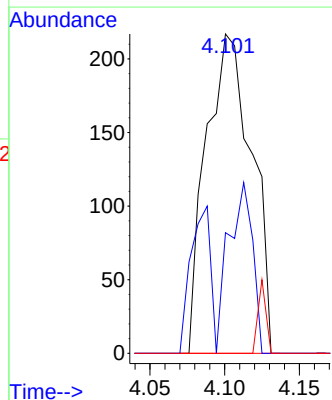
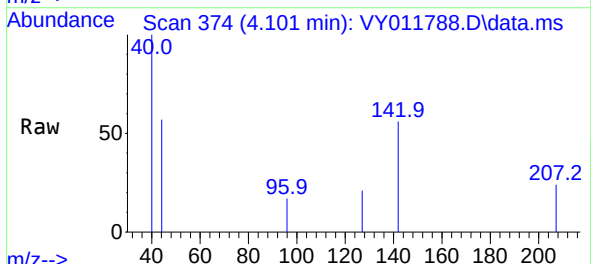
Instrument :
MSVOA_Y
ClientSampleId :
SU-518-COMP-02

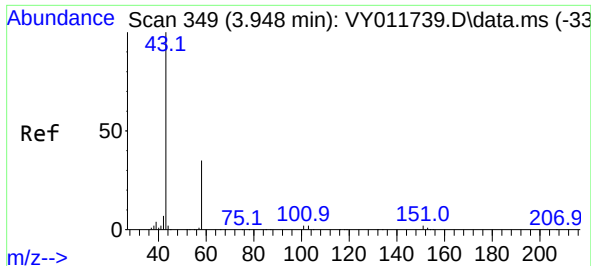
Tgt Ion: 94 Resp: 246
Ion Ratio Lower Upper
94 100
96 61.4 77.4 116.2#



#10
Methyl Iodide
Concen: 1.098 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY011788.D
Acq: 13 Dec 2022 13:09

Tgt Ion:142 Resp: 459
Ion Ratio Lower Upper
142 100
127 28.1 37.0 55.4#
141 0.0 11.4 17.0#

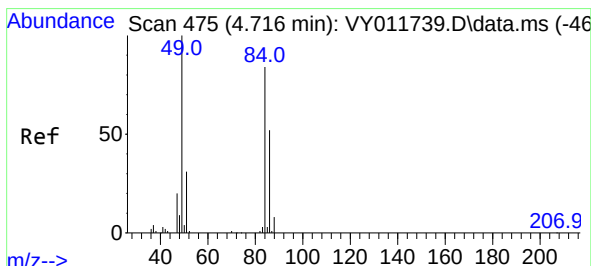
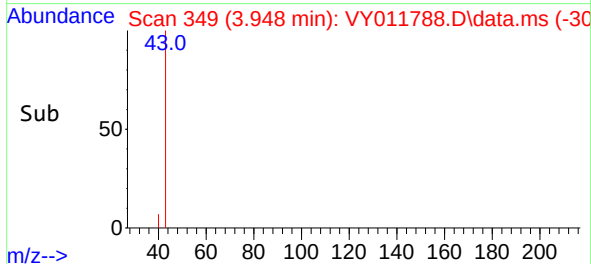
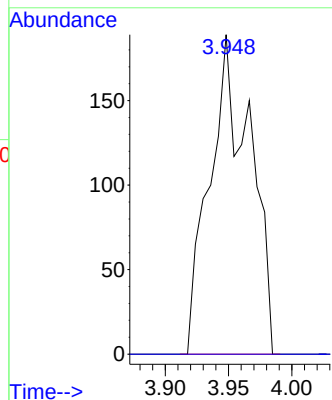
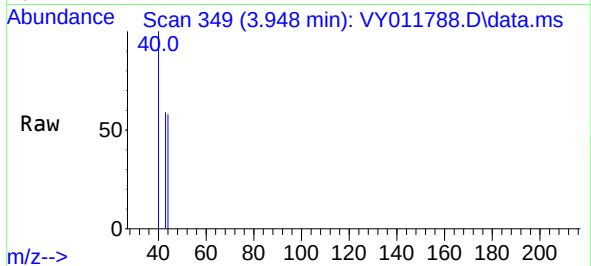




#16
Acetone
Concen: 3.534 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY011788.D
Acq: 13 Dec 2022 13:09

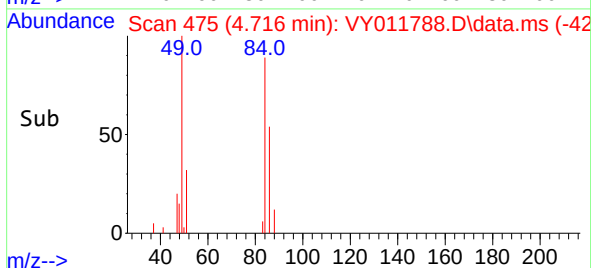
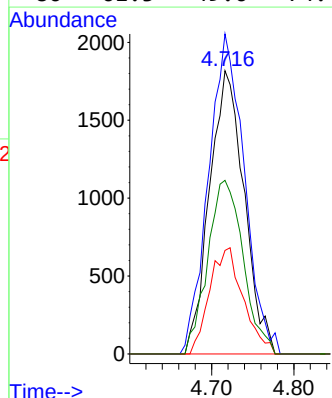
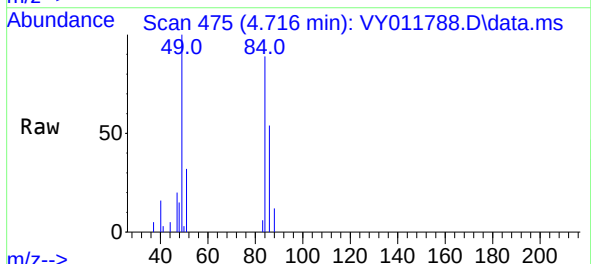
Instrument :
MSVOA_Y
ClientSampleId :
SU-518-COMP-02

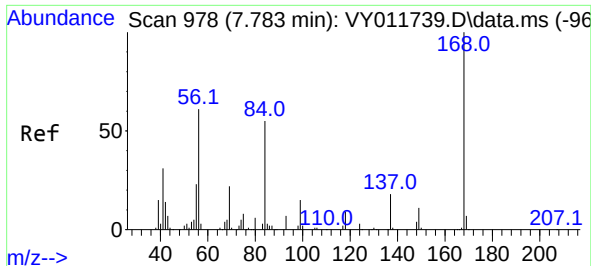
Tgt Ion: 43 Resp: 420
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9#



#20
Methylene Chloride
Concen: 7.573 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011788.D
Acq: 13 Dec 2022 13:09

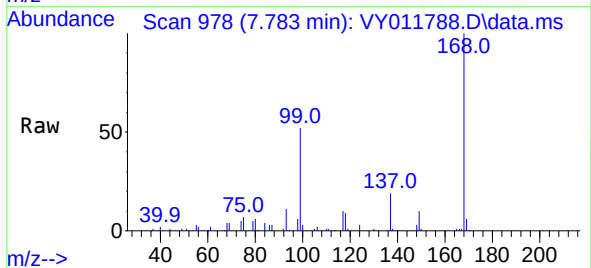
Tgt Ion: 84 Resp: 5313
Ion Ratio Lower Upper
84 100
49 113.0 95.4 143.2
51 36.5 29.9 44.9
86 61.3 49.6 74.4



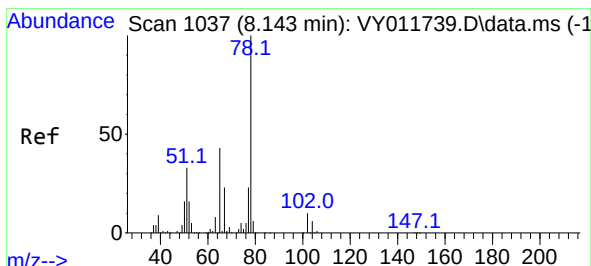
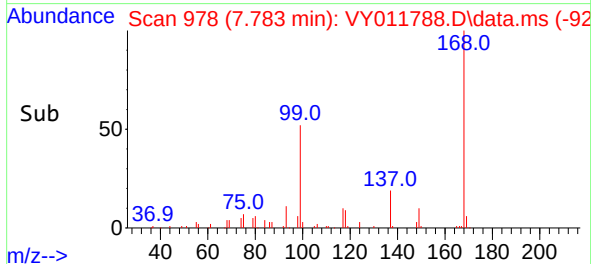
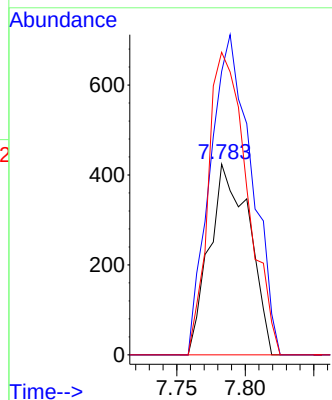


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011788.D
Acq: 13 Dec 2022 13:09

Instrument :
MSVOA_Y
ClientSampleId :
SU-518-COMP-02

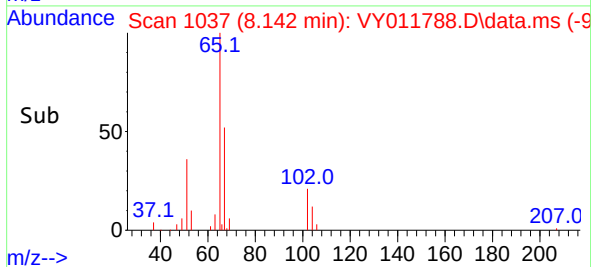
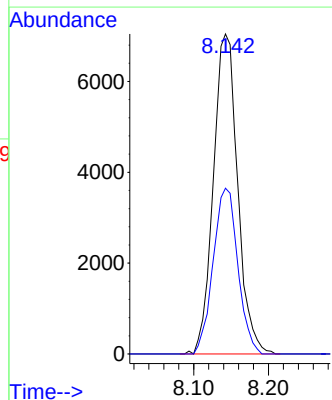
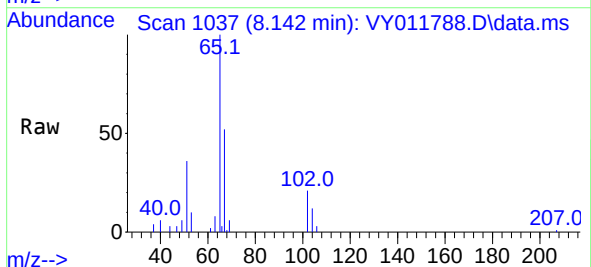


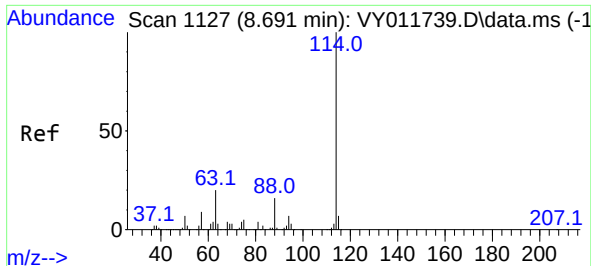
Tgt Ion: 56 Resp: 858
Ion Ratio Lower Upper
56 100
69 148.6 29.2 43.8#
84 158.7 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 53.922 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011788.D
Acq: 13 Dec 2022 13:09

Tgt Ion: 65 Resp: 15904
Ion Ratio Lower Upper
65 100
67 52.5 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: VY011788.D

Acq: 13 Dec 2022 13:09

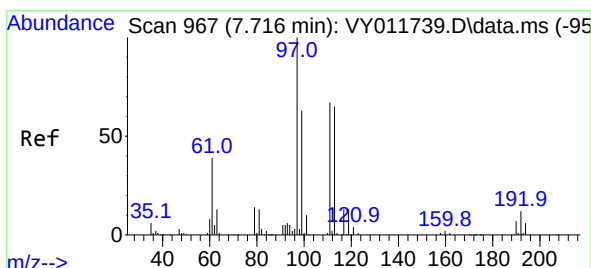
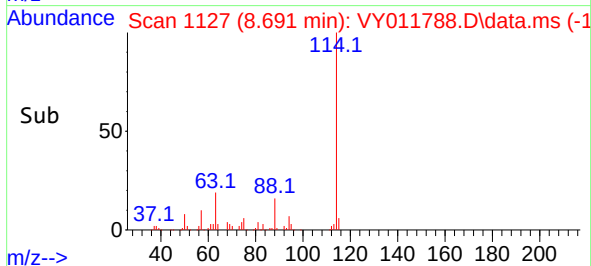
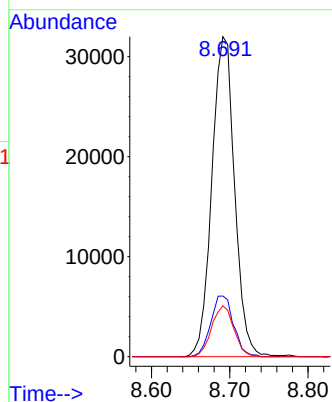
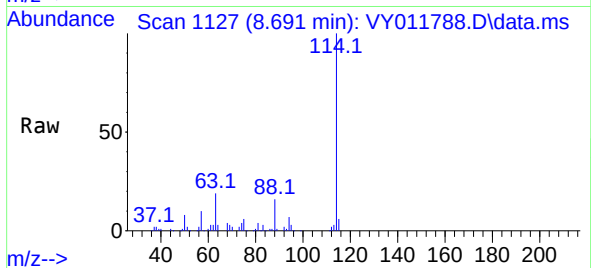
Instrument :

MSVOA_Y

ClientSampleId :

SU-518-COMP-02

Tgt Ion:	114	Resp:	64462
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.6
88	15.9	0.0	32.2



#35

Dibromofluoromethane

Concen: 55.206 ug/l

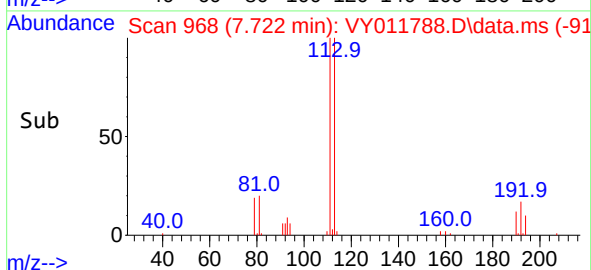
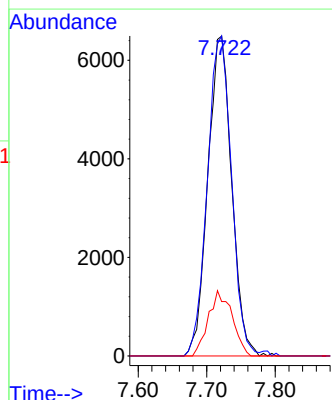
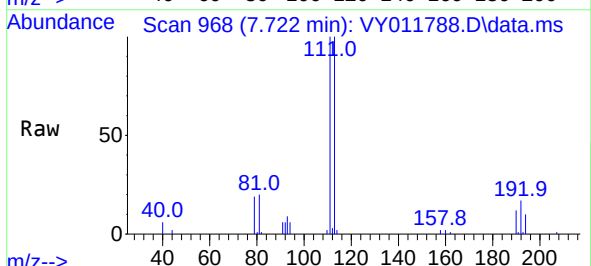
RT: 7.722 min Scan# 968

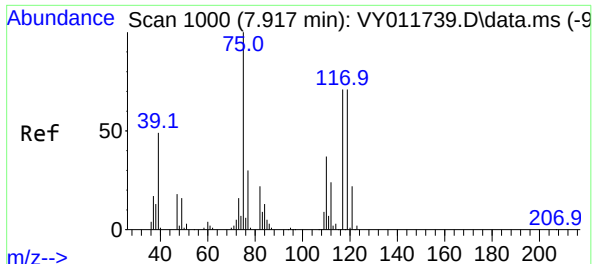
Delta R.T. 0.006 min

Lab File: VY011788.D

Acq: 13 Dec 2022 13:09

Tgt Ion:	113	Resp:	15695
Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.0	124.4
192	20.3	16.0	24.0





#36

1,1-Dichloropropene

Concen: 6.202 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011788.D

Acq: 13 Dec 2022 13:09

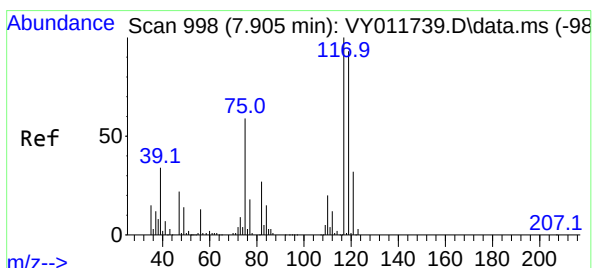
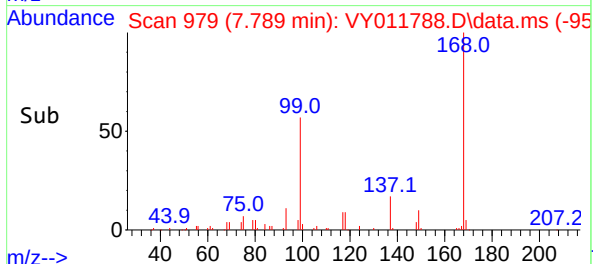
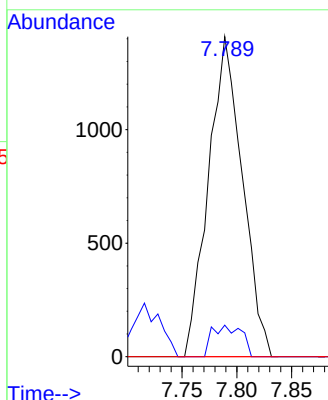
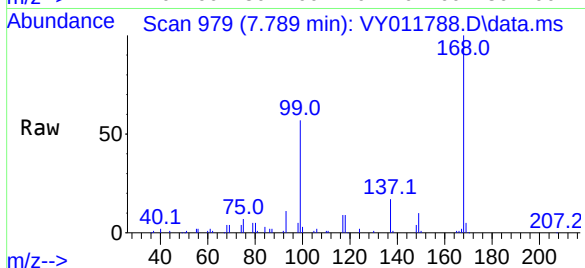
Instrument :

MSVOA_Y

ClientSampleId :

SU-518-COMP-02

Tgt Ion: 75	Resp:	3034
Ion	Ratio	Lower Upper
75	100	
110	8.5	18.1 54.1#
77	0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 7.034 ug/l

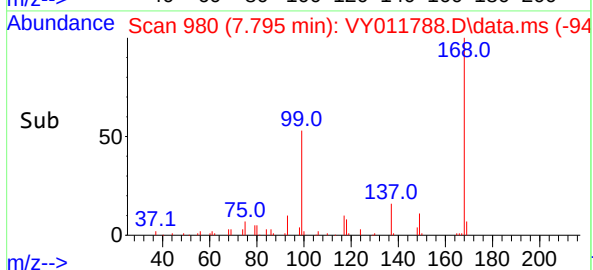
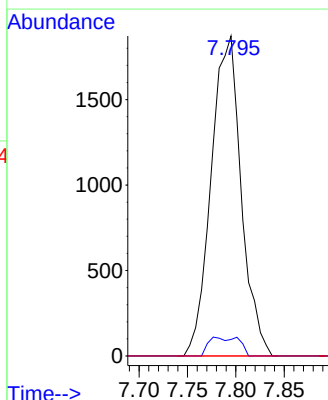
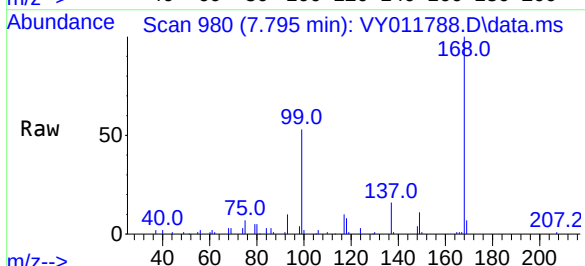
RT: 7.795 min Scan# 980

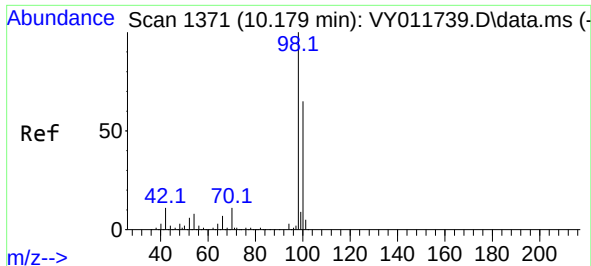
Delta R.T. -0.110 min

Lab File: VY011788.D

Acq: 13 Dec 2022 13:09

Tgt Ion: 117	Resp:	4042
Ion	Ratio	Lower Upper
117	100	
119	5.2	73.8 110.8#
121	0.0	25.2 37.8#

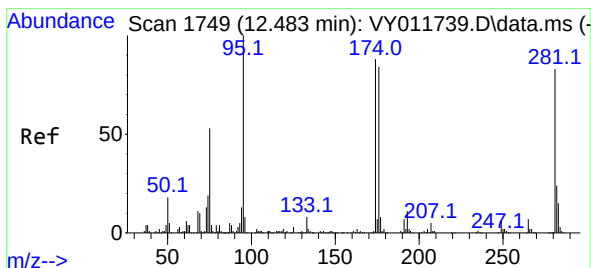
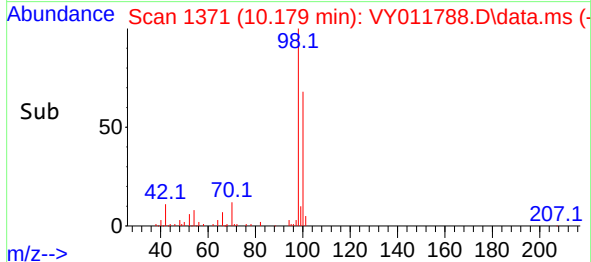
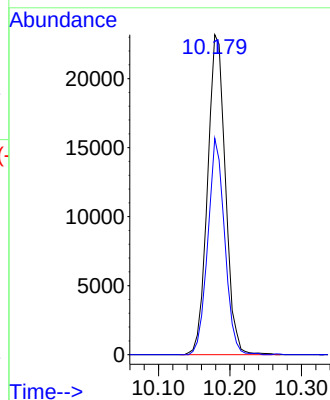
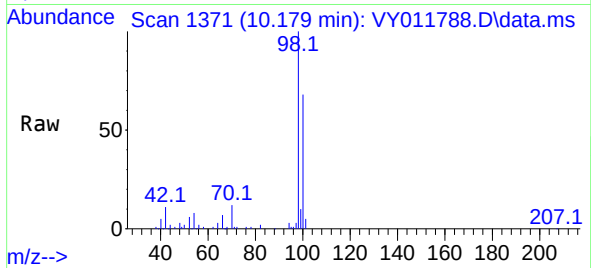




#50
Toluene-d8
Concen: 41.726 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011788.D
Acq: 13 Dec 2022 13:09

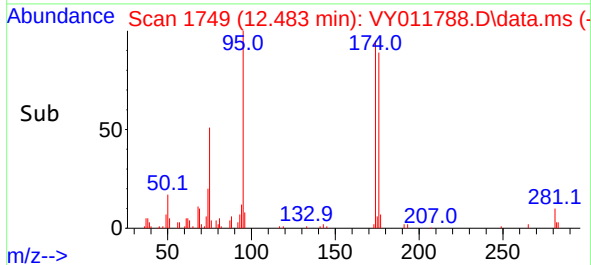
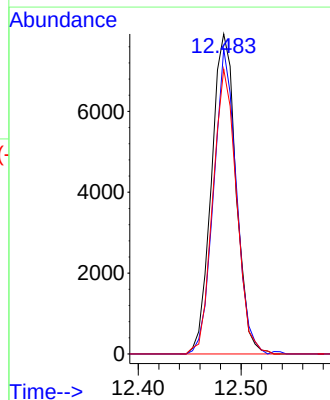
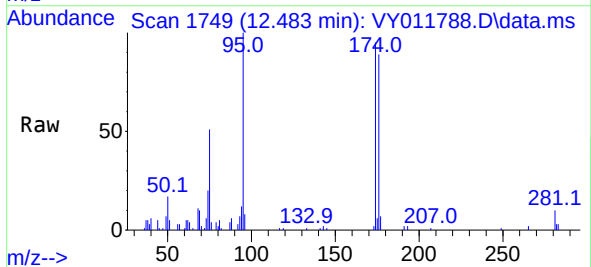
Instrument :
MSVOA_Y
ClientSampleId :
SU-518-COMP-02

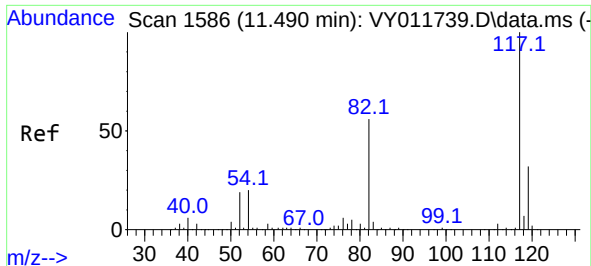
Tgt Ion: 98 Resp: 40212
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 33.596 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011788.D
Acq: 13 Dec 2022 13:09

Tgt Ion: 95 Resp: 13116
Ion Ratio Lower Upper
95 100
174 88.2 0.0 172.0
176 85.6 0.0 167.6

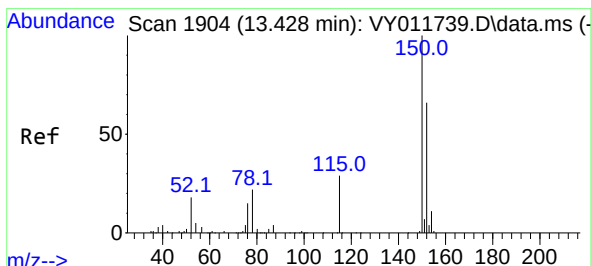
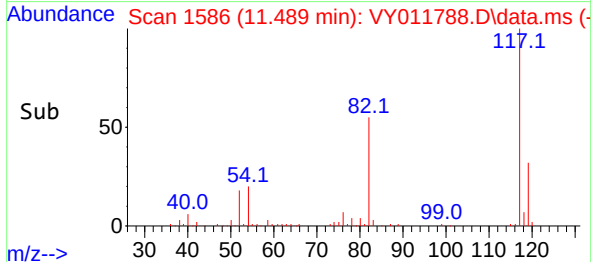
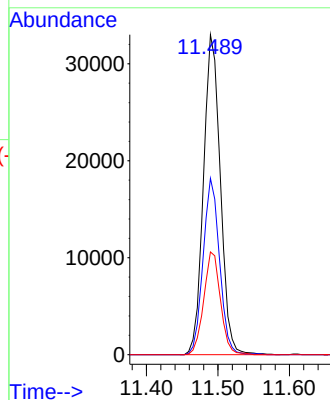
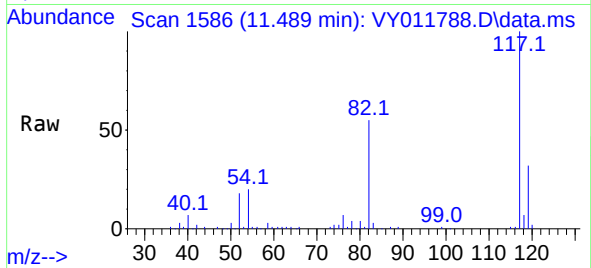




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011788.D
Acq: 13 Dec 2022 13:09

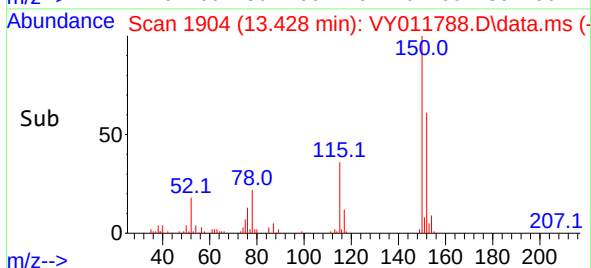
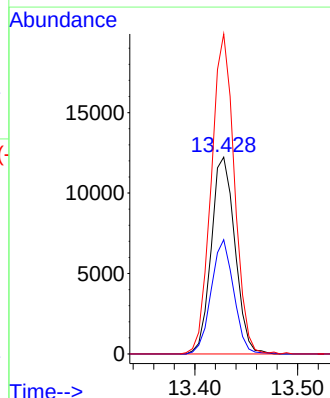
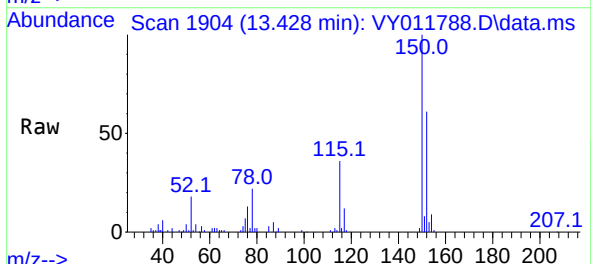
Instrument :
MSVOA_Y
ClientSampleId :
SU-518-COMP-02

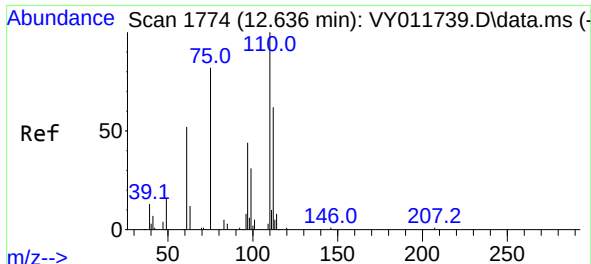
Tgt Ion:117 Resp: 54146
Ion Ratio Lower Upper
117 100
82 55.1 44.8 67.2
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011788.D
Acq: 13 Dec 2022 13:09

Tgt Ion:152 Resp: 19572
Ion Ratio Lower Upper
152 100
115 55.3 29.1 87.3
150 159.1 0.0 342.6

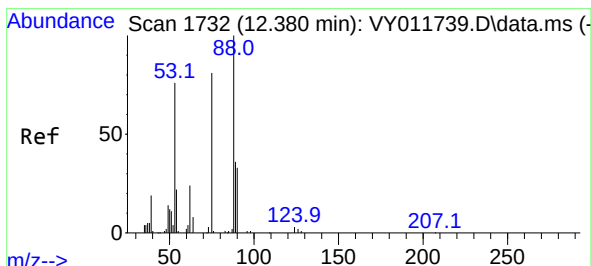
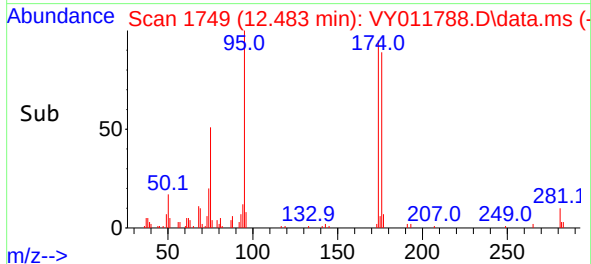
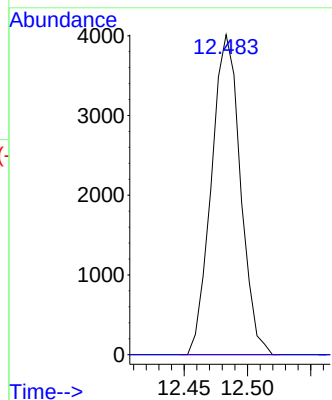
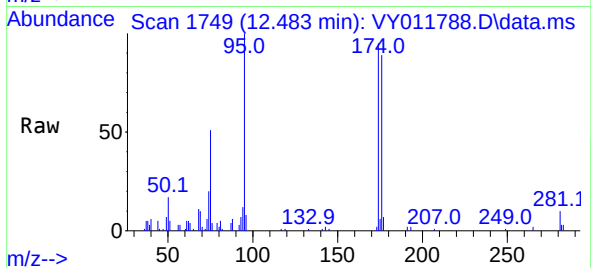




#76
1,2,3-Trichloropropane
Concen: 32.330 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011788.D
Acq: 13 Dec 2022 13:09

Instrument :
MSVOA_Y
ClientSampleId :
SU-518-COMP-02

Tgt Ion: 75 Resp: 6402
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 73.364 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY011788.D
Acq: 13 Dec 2022 13:09

Tgt Ion: 75 Resp: 6402
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

