

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101421\
 Data File : VV022811.D
 Acq On : 14 Oct 2021 23:04
 Operator : SY/MD
 Sample : M4223-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFG9

Quant Time: Oct 16 03:56:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 03:54:29 2021
 Response via : Initial Calibration

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

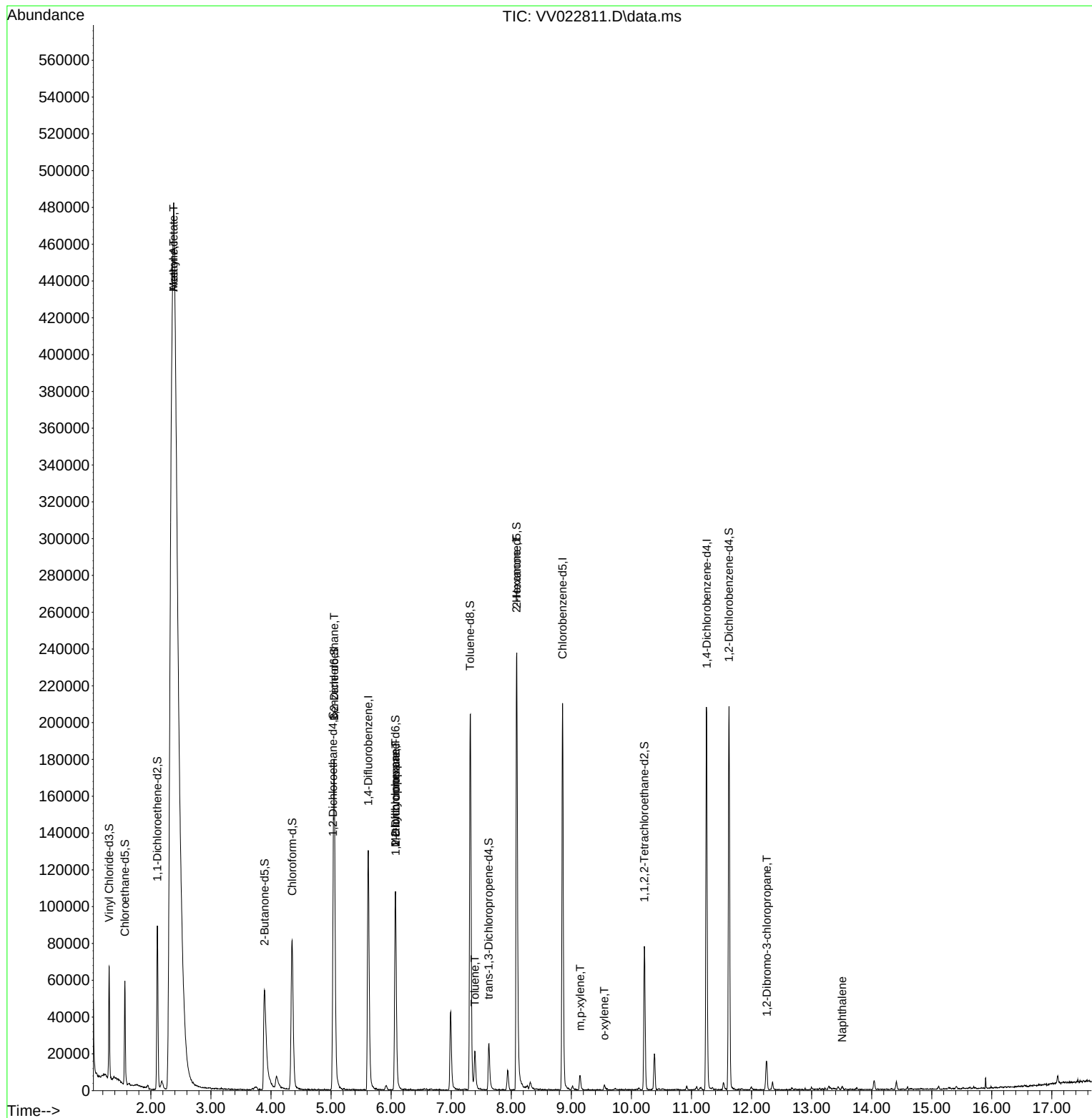
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117785	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	118605	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	56103	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37525	4.631	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.568	69	32919	4.520	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.108	63	45343	2.852	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.000%#
20) 2-Butanone-d5	3.892	46	104586	49.221	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.440%
24) Chloroform-d	4.352	84	86625	5.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.034	65	40483	4.995	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.053	84	166646	4.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.072	67	52648	5.035	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.317	98	140529	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	7.625	79	16107	4.644	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.088	63	80198	57.372	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.740%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37649	5.315	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	55717	5.356	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						
13) Acetone	2.378	43	472516	398.796	ug/L	69
15) Methyl Acetate	2.378	43	541561	159.744	ug/L #	50
27) 1,2-Dichloroethane	5.053	62	1019	0.126	ug/L #	69
35) Methylcyclohexane	6.072	83	13211	1.086	ug/L #	16
37) 1,2-Dichloropropane	6.075	63	5761	0.750	ug/L #	84
42) Toluene	7.394	91	16190	0.499	ug/L	93
48) 2-Hexanone	8.091	43	9888	3.276	ug/L #	71
53) m,p-xylene	9.146	106	2426	0.188	ug/L	94
54) o-xylene	9.551	106	778	0.064	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.252	75	450	0.634	ug/L #	1
71) Naphthalene	13.509	128	1535	0.112	ug/L #	80

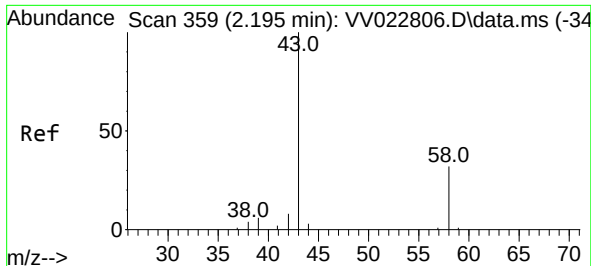
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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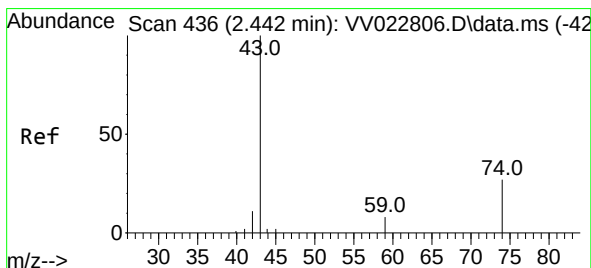
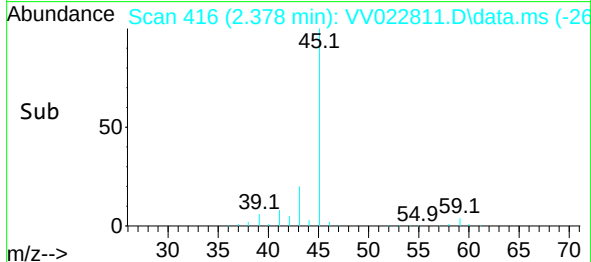
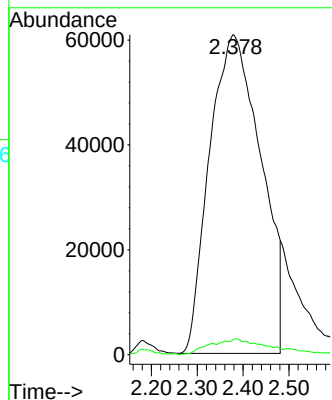
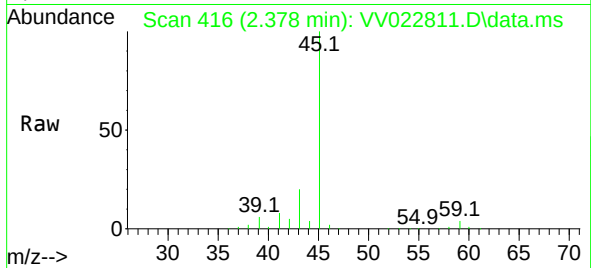




#13
Acetone
Concen: 398.796 ug/L
RT: 2.378 min Scan# 416
Delta R.T. 0.183 min
Lab File: VV022811.D
Acq: 14 Oct 2021 23:04

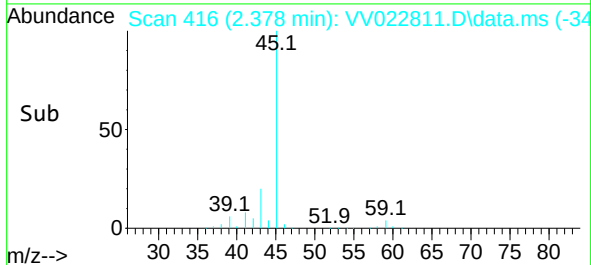
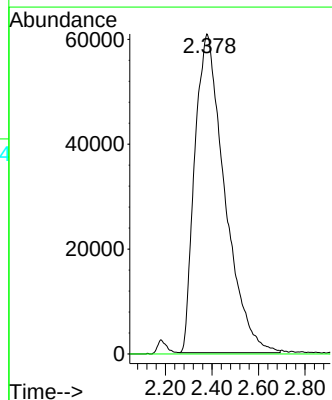
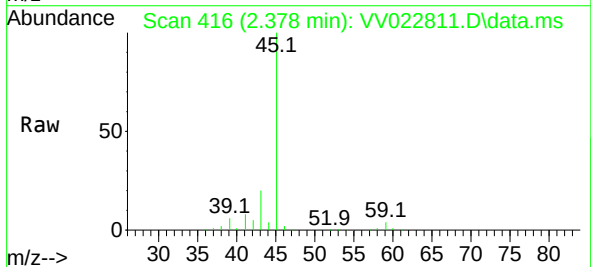
Instrument :
MSVOA_V
ClientSampleId :
BFG9

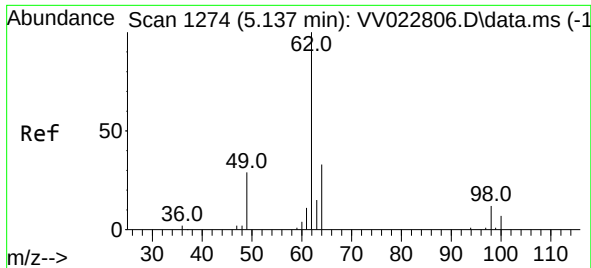
Tgt Ion: 43 Resp: 472516
Ion Ratio Lower Upper
43 100
58 0.2 0.0 24.2



#15
Methyl Acetate
Concen: 159.744 ug/L
RT: 2.378 min Scan# 416
Delta R.T. -0.064 min
Lab File: VV022811.D
Acq: 14 Oct 2021 23:04

Tgt Ion: 43 Resp: 541561
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#





#27

1,2-Dichloroethane

Concen: 0.126 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.084 min

Lab File: VV022811.D

Acq: 14 Oct 2021 23:04

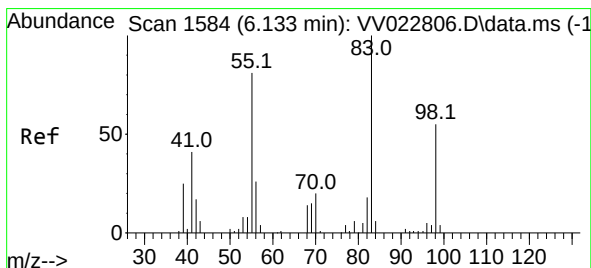
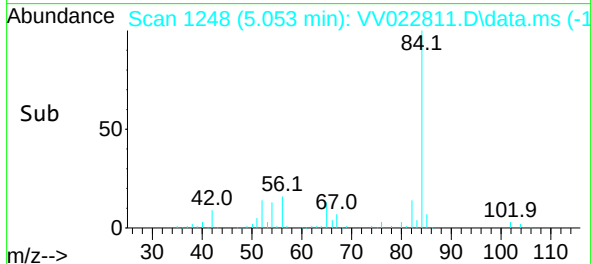
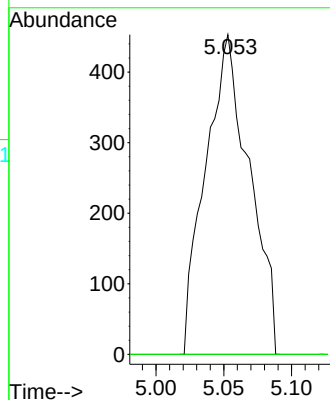
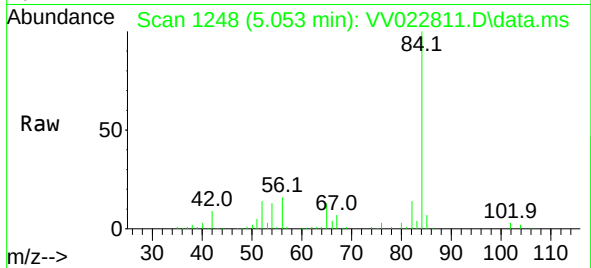
Instrument :

MSVOA_V

ClientSampleId :

BFG9

Tgt Ion: 62 Resp: 1019
 Ion Ratio Lower Upper
 62 100
 98 0.0 9.7 14.5#



#35

Methylcyclohexane

Concen: 1.086 ug/L

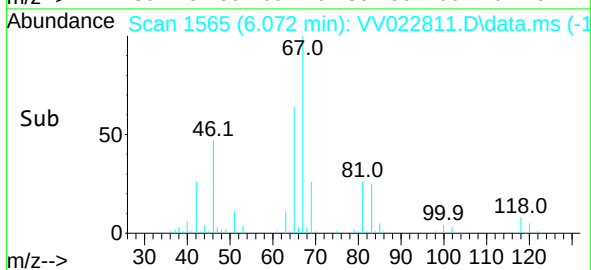
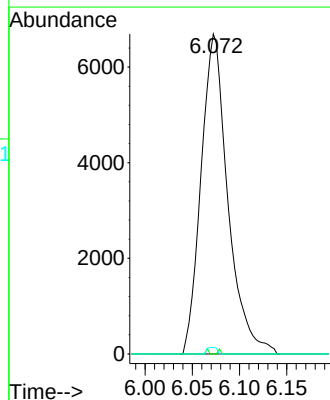
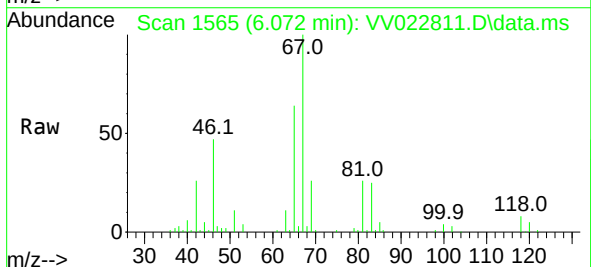
RT: 6.072 min Scan# 1565

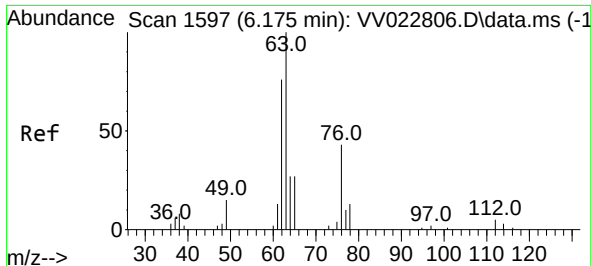
Delta R.T. -0.061 min

Lab File: VV022811.D

Acq: 14 Oct 2021 23:04

Tgt Ion: 83 Resp: 13211
 Ion Ratio Lower Upper
 83 100
 55 0.2 63.8 95.6#
 98 0.7 42.1 63.1#



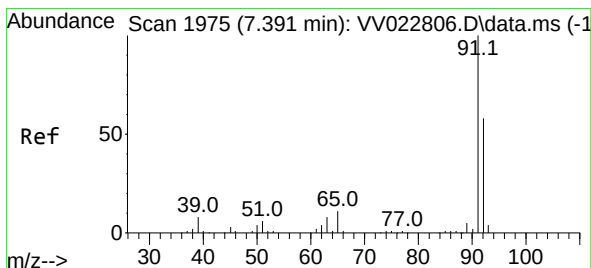
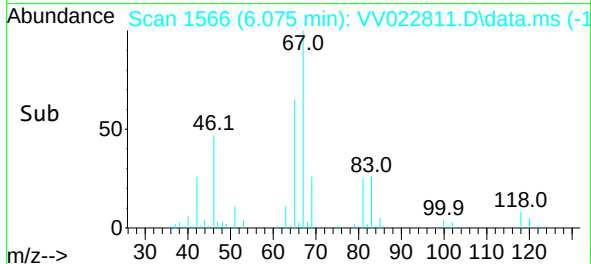
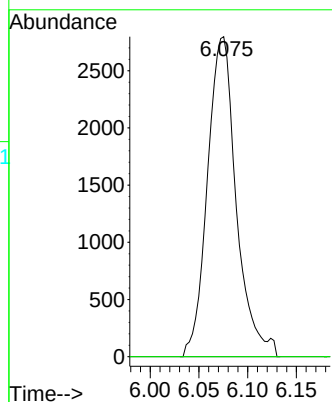
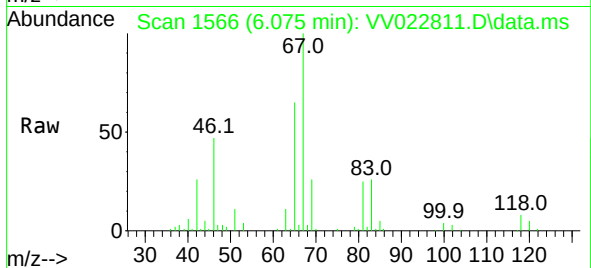


#37

1,2-Dichloropropane
Concen: 0.750 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.100 min
Lab File: VV022811.D
Acq: 14 Oct 2021 23:04

Instrument :
MSVOA_V
ClientSampleId :
BFG9

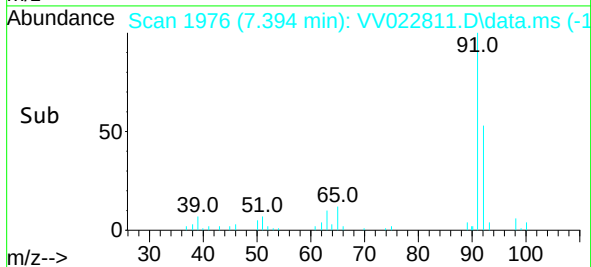
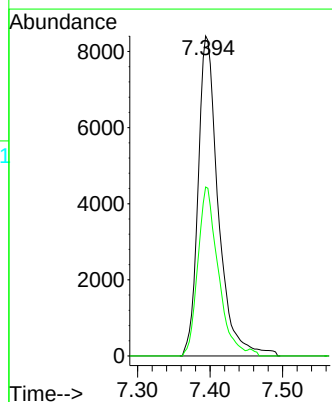
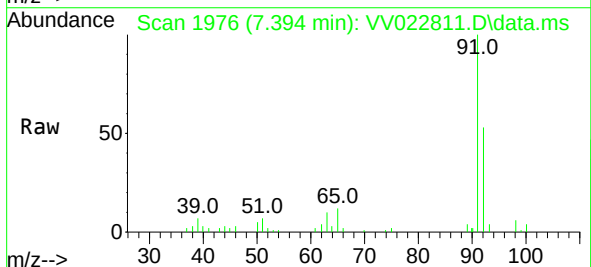
Tgt Ion: 63 Resp: 5761
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

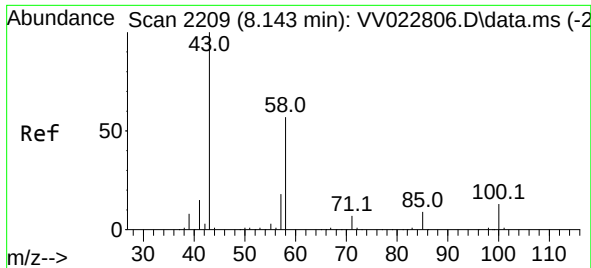


#42

Toluene
Concen: 0.499 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.003 min
Lab File: VV022811.D
Acq: 14 Oct 2021 23:04

Tgt Ion: 91 Resp: 16190
Ion Ratio Lower Upper
91 100
92 52.8 40.7 75.7

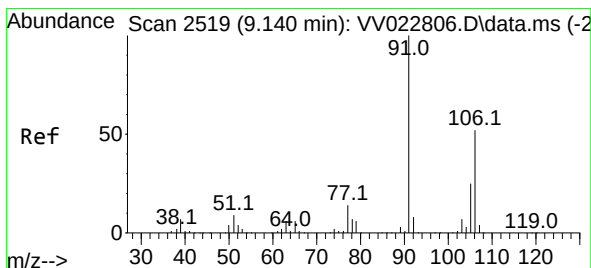
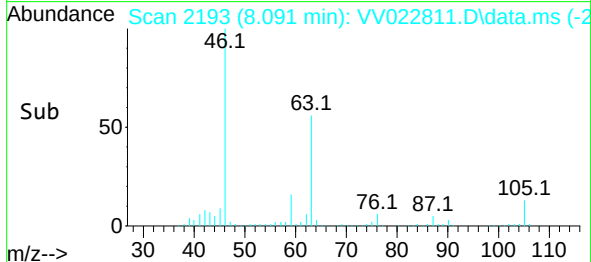
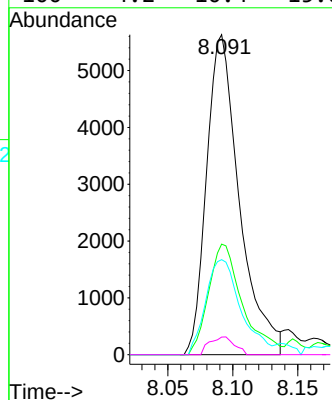
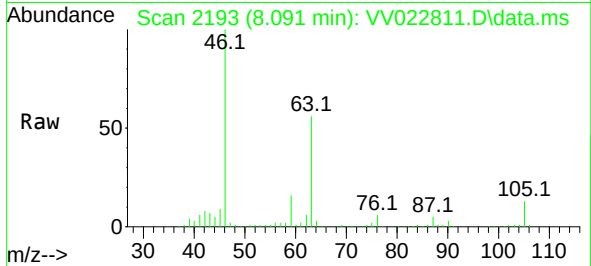




#48
2-Hexanone
Concen: 3.276 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.052 min
Lab File: VV022811.D
Acq: 14 Oct 2021 23:04

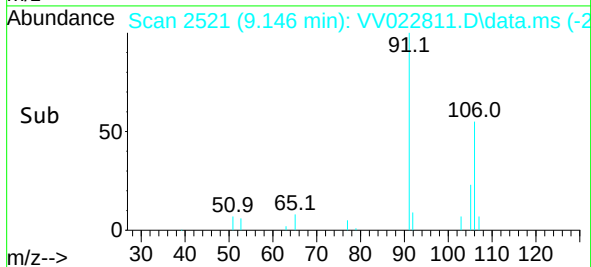
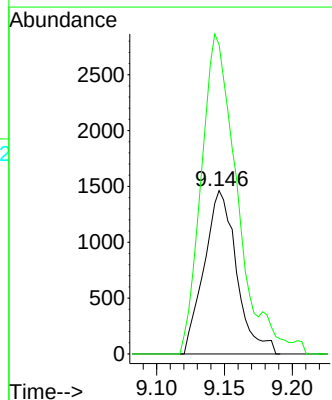
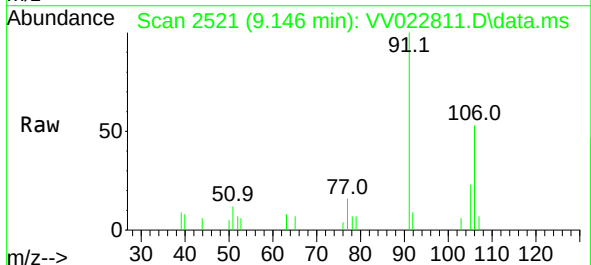
Instrument :
MSVOA_V
ClientSampleId :
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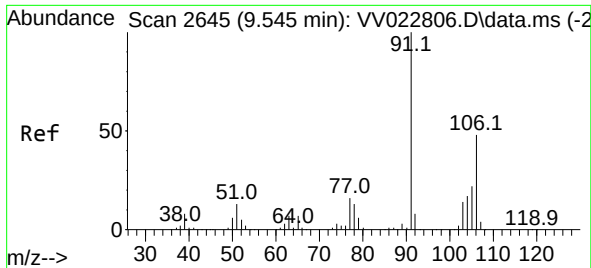
Tgt Ion:	43	Resp:	9888
Ion	Ratio	Lower	Upper
43	100		
58	36.0	47.4	71.0#
57	31.8	15.3	22.9#
100	4.2	10.4	15.6#



#53
m,p-xylene
Concen: 0.188 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.006 min
Lab File: VV022811.D
Acq: 14 Oct 2021 23:04

Tgt Ion:	106	Resp:	2426
Ion	Ratio	Lower	Upper
106	100		
91	189.4	138.7	257.5

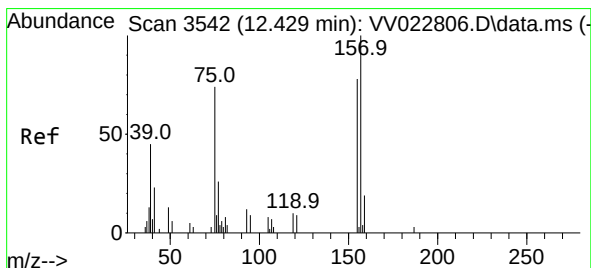
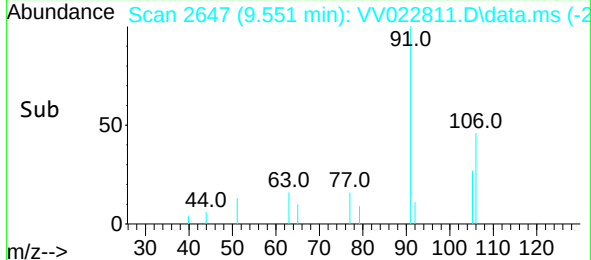
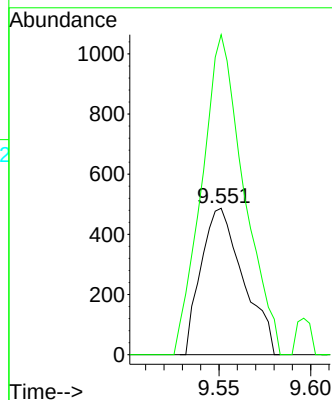
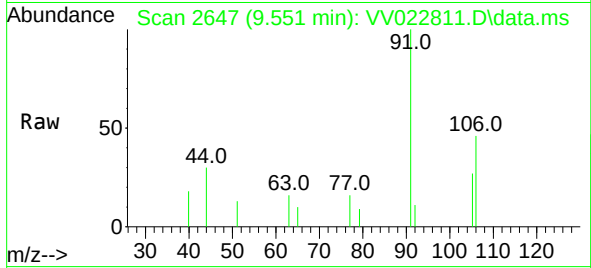




#54
o-xylene
Concen: 0.064 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.006 min
Lab File: VV022811.D
Acq: 14 Oct 2021 23:04

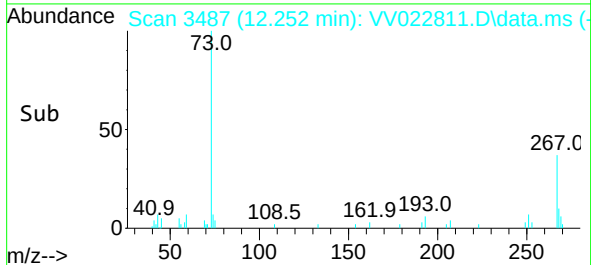
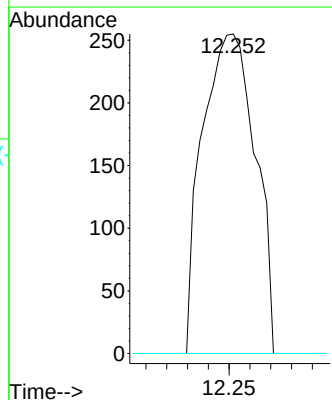
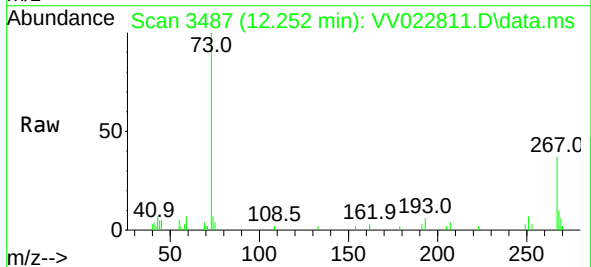
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ClientSampled :
BFG9

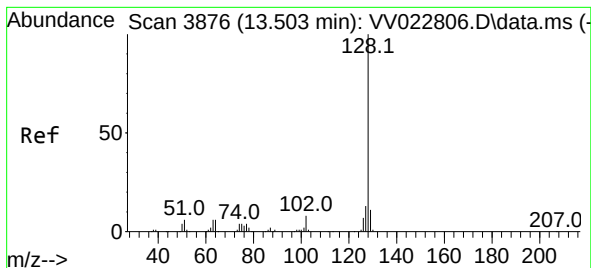
Tgt Ion:106 Resp: 778
Ion Ratio Lower Upper
106 100
91 218.5 151.1 280.7



#68
1,2-Dibromo-3-chloropropane
Concen: 0.634 ug/L
RT: 12.252 min Scan# 3487
Delta R.T. -0.177 min
Lab File: VV022811.D
Acq: 14 Oct 2021 23:04

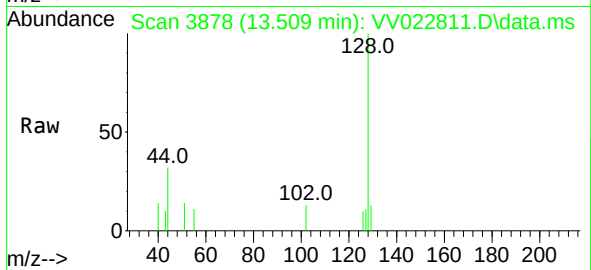
Tgt Ion: 75 Resp: 450
Ion Ratio Lower Upper
75 100
155 0.0 82.4 123.6#
157 0.0 114.1 171.1#





#71
Naphthalene
Concen: 0.112 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.006 min
Lab File: VV022811.D
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Instrument :
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ClientSampleId :
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Tgt Ion:	128	Resp:	1535
Ion	Ratio	Lower	Upper
128	100		
129	4.5	9.3	13.9#
127	5.0	10.8	16.2#

