

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050322\
 Data File : VW025816.D
 Acq On : 04 May 2022 00:18
 Operator : SY/MD
 Sample : N2615-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH0D7

Quant Time: May 04 05:12:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 04 05:06:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130763	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	137570	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63733	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	73079	5.099	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.571	69	68438	5.428	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.600%
11) 1,1-Dichloroethene-d2	2.111	63	105190	3.863	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	3.896	46	113769	58.001	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.000%
24) Chloroform-d	4.349	84	112503	5.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
26) 1,2-Dichloroethane-d4	5.034	65	53748	5.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.200%
32) Benzene-d6	5.053	84	223777	5.066	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	6.072	67	69044	5.314	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.317	98	180299	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.625	79	18954	4.608	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.088	63	85797	53.522	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.040%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42892	5.228	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	62703	5.609	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	759	0.042	ug/L	84
13) Acetone	2.188	43	19376	15.009	ug/L	95
15) Methyl Acetate	2.188	43	19004	6.150	ug/L #	43
16) Methylene chloride	2.510	84	2711	0.222	ug/L	95
21) 2-Butanone	3.995	43	18612	10.775	ug/L #	72
22) cis-1,2-Dichloroethene	3.912	96	349	0.031	ug/L	79
25) Chloroform	4.375	83	5293	0.256	ug/L	88
33) Benzene	5.111	78	16146	0.350	ug/L	100
35) Methylcyclohexane	6.072	83	16476	0.881	ug/L #	28
37) 1,2-Dichloropropane	6.072	63	7501	0.670	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1594	0.116	ug/L #	63
42) Toluene	7.394	91	26026	0.532	ug/L	100
44) trans-1,3-Dichloropropene	7.625	75	955	0.087	ug/L #	58
52) Ethylbenzene	9.024	91	2185	0.043	ug/L	93
53) m,p-Xylene	9.146	106	2353	0.118	ug/L	79
54) o-Xylene	9.548	106	2541	0.134	ug/L	97
61) 1,2,3-Trichloropropane	11.246	75	7900	1.549	ug/L #	62
62) 1,3,5-Trimethylbenzene	10.918	105	4674	0.254	ug/L	94
63) 1,2,4-Trimethylbenzene	10.918	105	4674	0.139	ug/L	100

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 04 05:06:02 2022
Response via : Initial Calibration

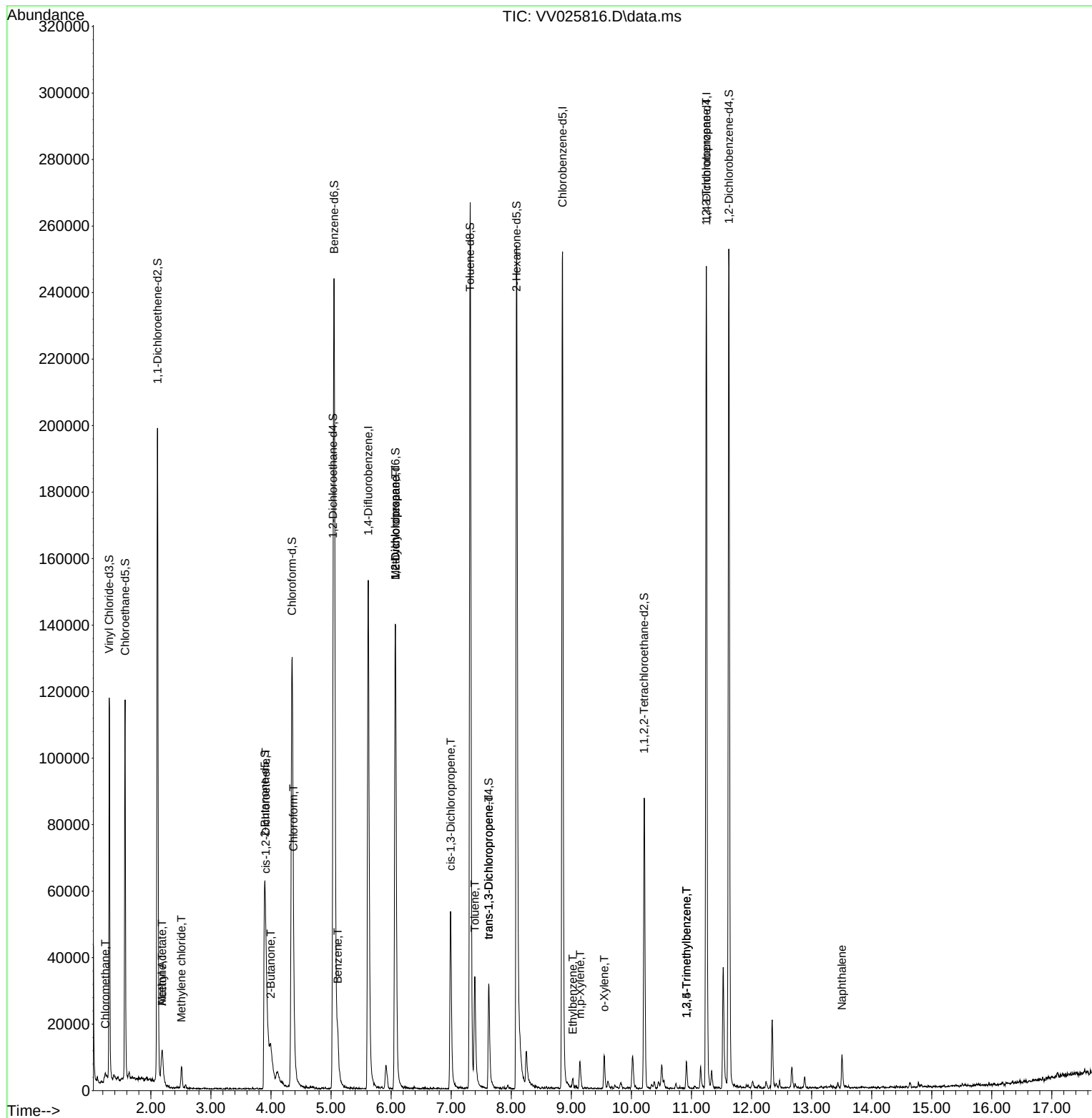
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
71) Naphthalene	13.506	128	7581	0.483 ug/L	98

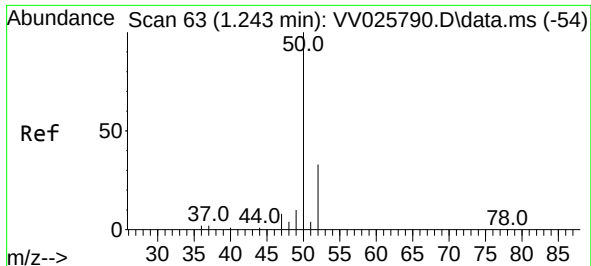
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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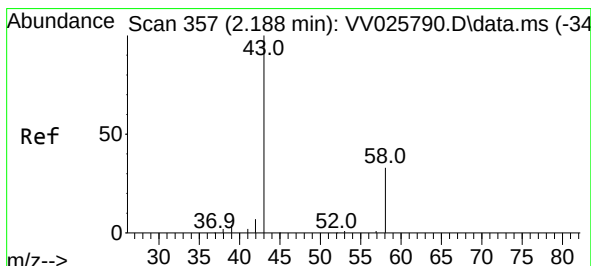
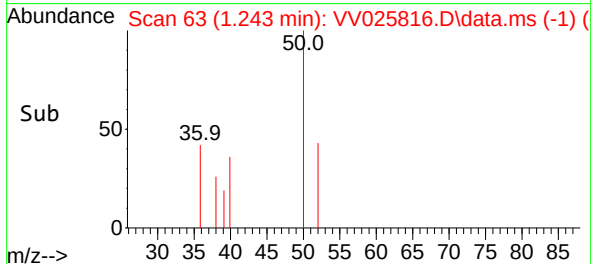
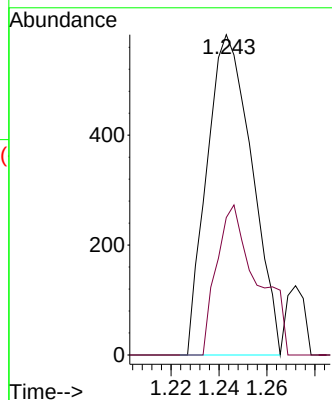
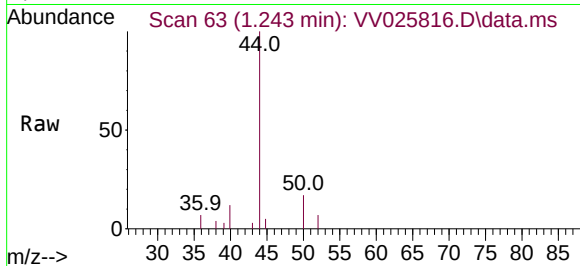




#3
Chloromethane
Concen: 0.042 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025816.D
Acq: 04 May 2022 00:18

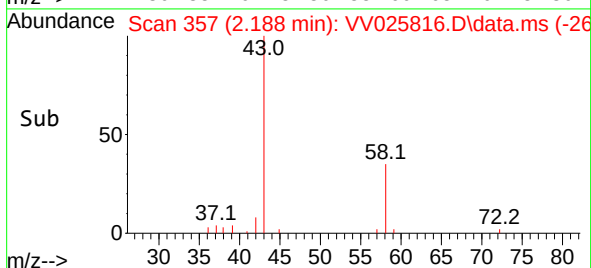
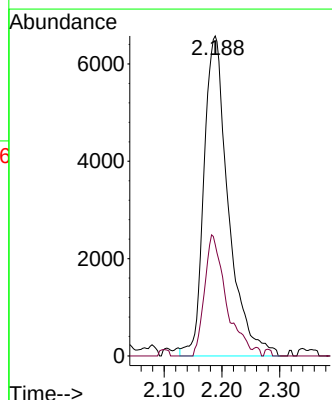
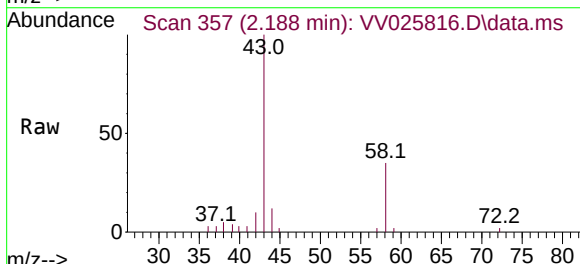
Instrument :
MSVOA_V
ClientSampleId :
BH0D7

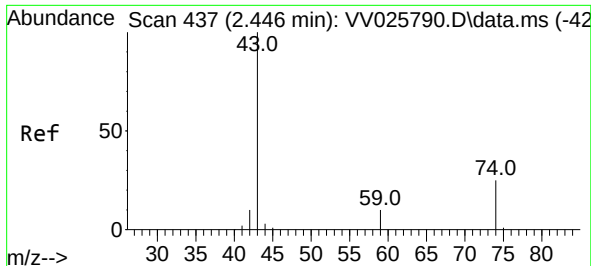
Tgt Ion: 50 Resp: 759
Ion Ratio Lower Upper
50 100
52 42.9 23.7 43.9



#13
Acetone
Concen: 15.009 ug/L
RT: 2.188 min Scan# 357
Delta R.T. 0.000 min
Lab File: VV025816.D
Acq: 04 May 2022 00:18

Tgt Ion: 43 Resp: 19376
Ion Ratio Lower Upper
43 100
58 33.1 0.0 72.2

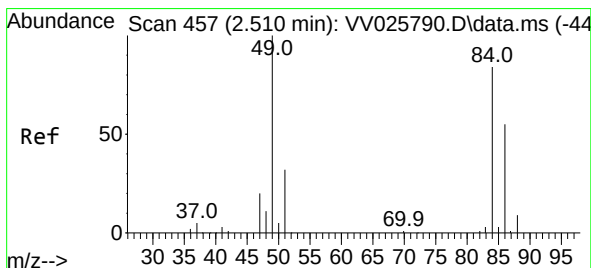
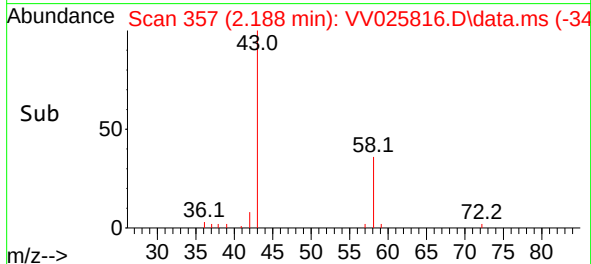
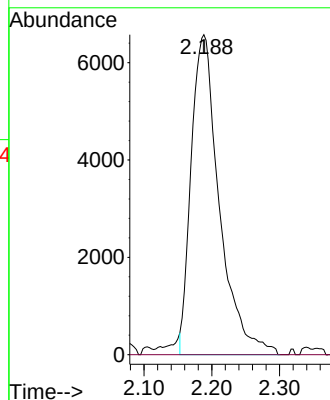
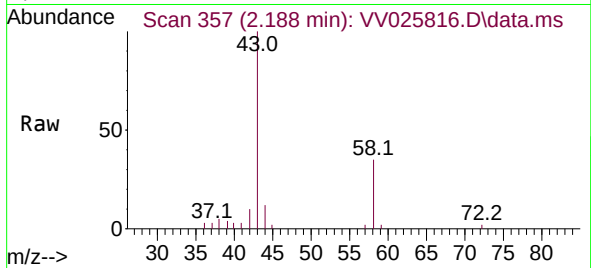




#15
Methyl Acetate
Concen: 6.150 ug/L
RT: 2.188 min Scan# 31
Delta R.T. -0.257 min
Lab File: VV025816.D
Acq: 04 May 2022 00:18

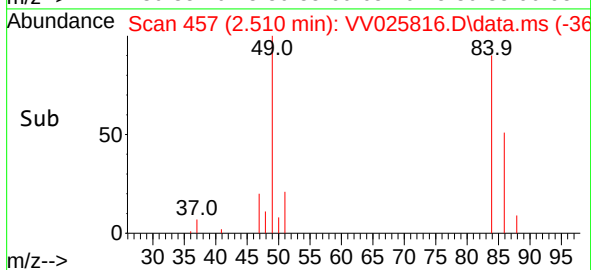
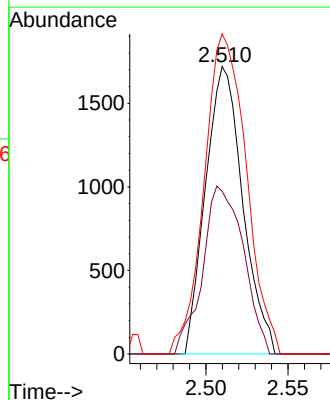
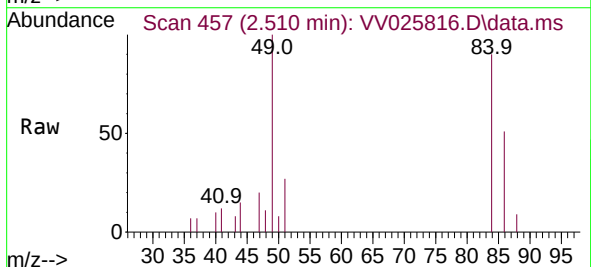
Instrument :
MSVOA_V
ClientSampleId :
BH0D7

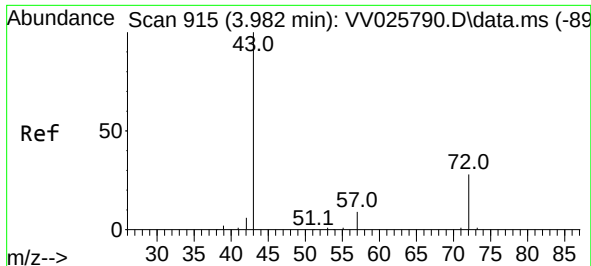
Tgt Ion: 43 Resp: 19004
Ion Ratio Lower Upper
43 100
74 0.0 25.2 37.8#



#16
Methylene chloride
Concen: 0.222 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV025816.D
Acq: 04 May 2022 00:18

Tgt Ion: 84 Resp: 2711
Ion Ratio Lower Upper
84 100
86 56.6 45.9 85.3
49 111.3 76.6 142.3

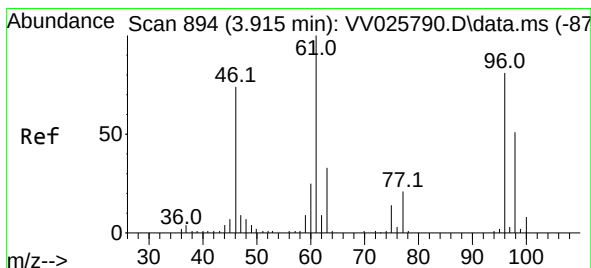
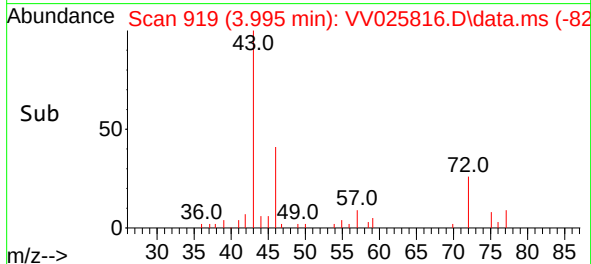
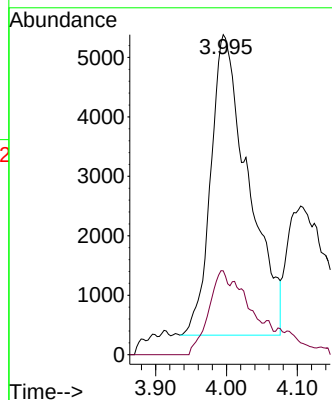
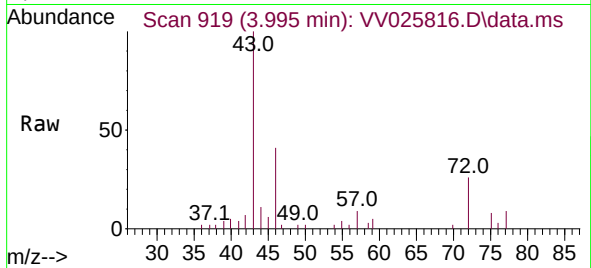




#21
2-Butanone
Concen: 10.775 ug/L
RT: 3.995 min Scan# 915
Delta R.T. 0.013 min
Lab File: VV025816.D
Acq: 04 May 2022 00:18

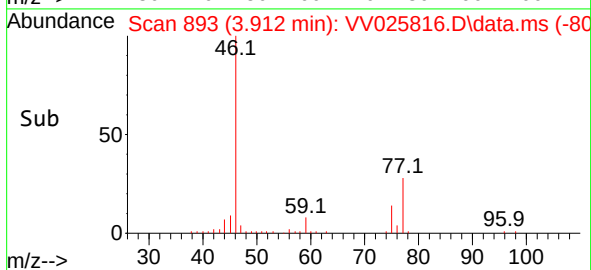
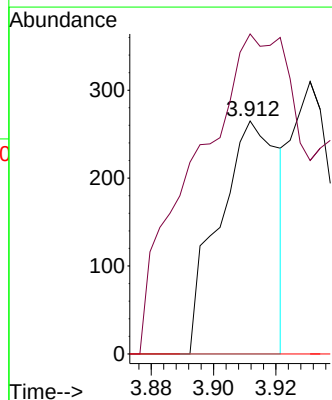
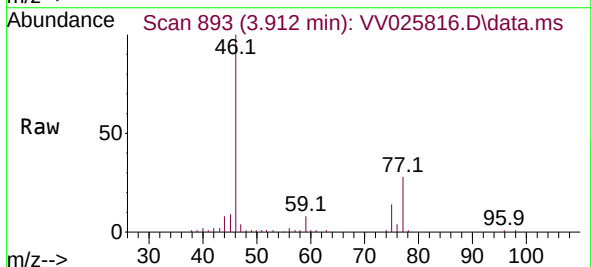
Instrument :
MSVOA_V
ClientSampleId :
BH0D7

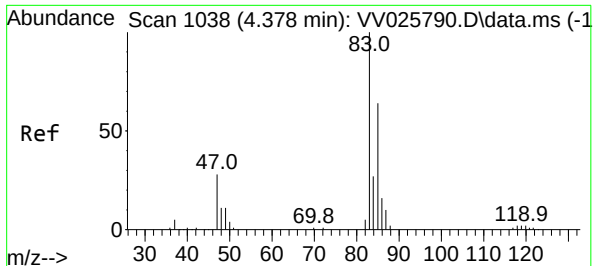
Tgt Ion: 43 Resp: 18612
Ion Ratio Lower Upper
43 100
72 15.1 15.2 45.6#



#22
cis-1,2-Dichloroethene
Concen: 0.031 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.003 min
Lab File: VV025816.D
Acq: 04 May 2022 00:18

Tgt Ion: 96 Resp: 349
Ion Ratio Lower Upper
96 100
61 137.4 80.0 148.6
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.256 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV025816.D

Acq: 04 May 2022 00:18

Instrument :

MSVOA_V

ClientSampleId :

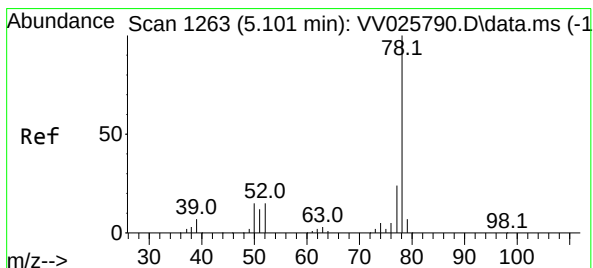
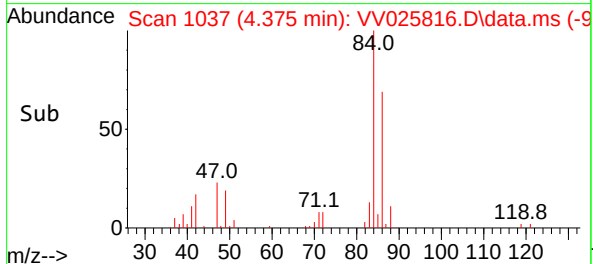
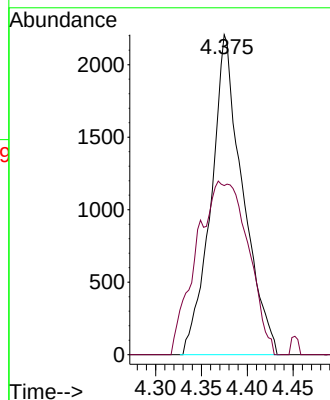
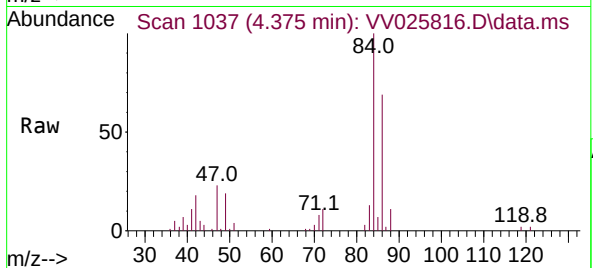
BH0D7

Tgt Ion: 83 Resp: 5293

Ion Ratio Lower Upper

83 100

85 52.8 43.5 80.7



#33

Benzene

Concen: 0.350 ug/L

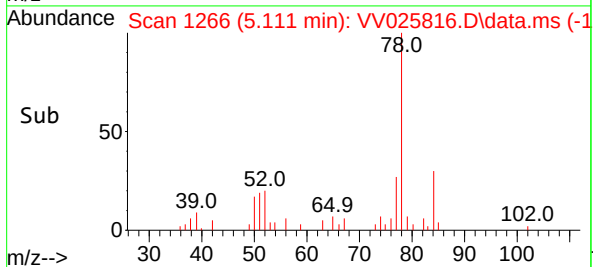
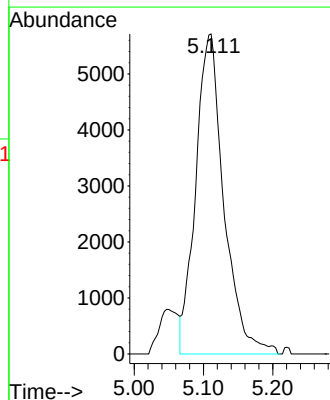
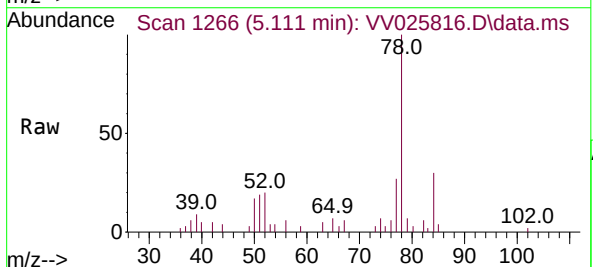
RT: 5.111 min Scan# 1266

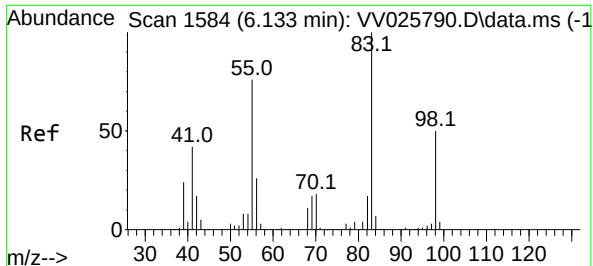
Delta R.T. 0.010 min

Lab File: VV025816.D

Acq: 04 May 2022 00:18

Tgt Ion: 78 Resp: 16146





#35

Methylcyclohexane

Concen: 0.881 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV025816.D

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Instrument :

MSVOA_V

ClientSampleId :

BH0D7

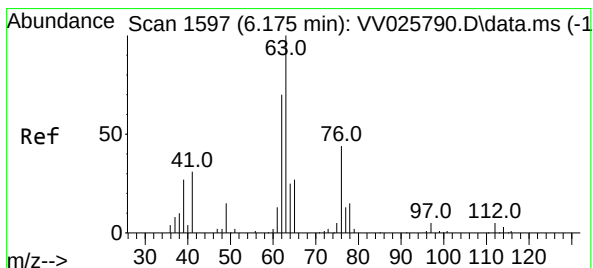
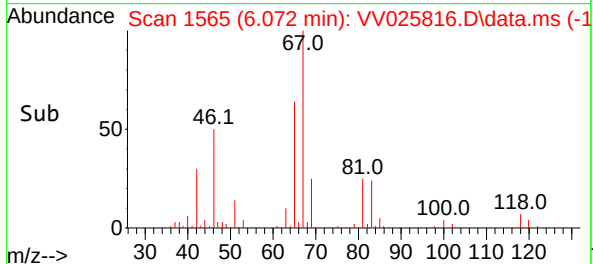
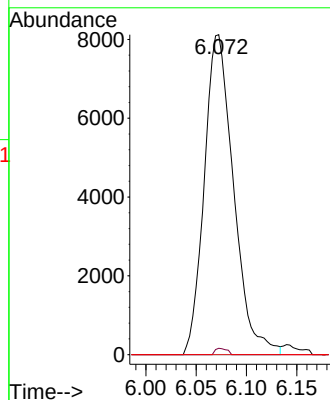
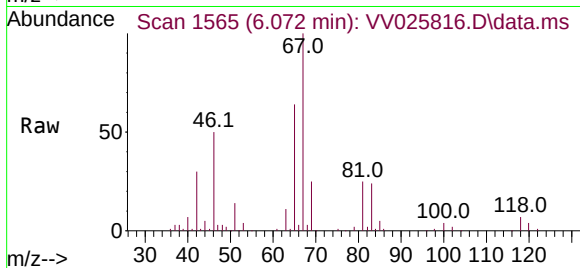
Tgt Ion: 83 Resp: 16476

Ion Ratio Lower Upper

83 100

55 0.8 53.7 80.5#

98 10.1 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.670 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.103 min

Lab File: VV025816.D

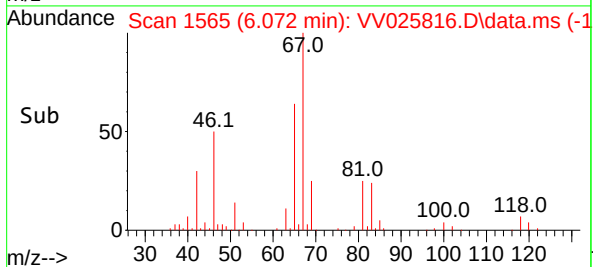
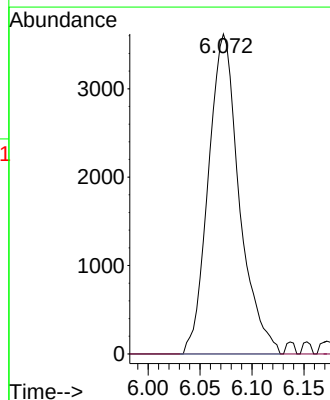
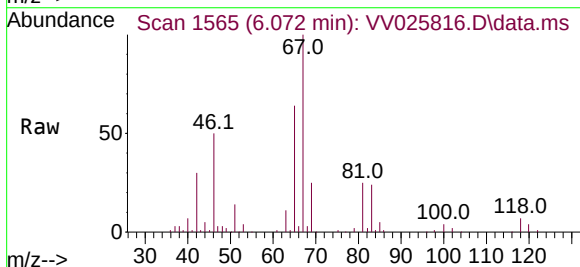
Acq: 04 May 2022 00:18

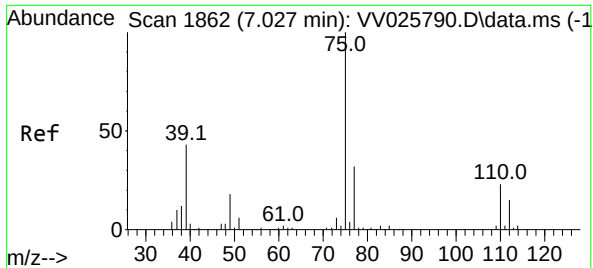
Tgt Ion: 63 Resp: 7501

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.035 min

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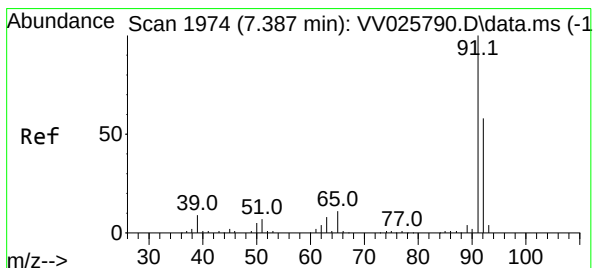
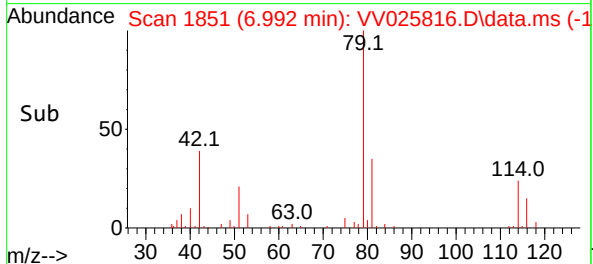
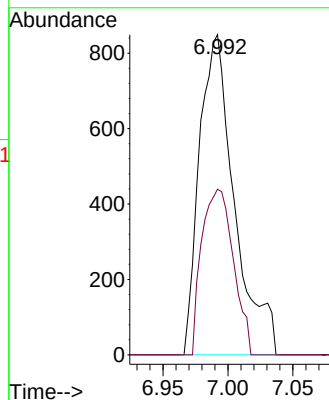
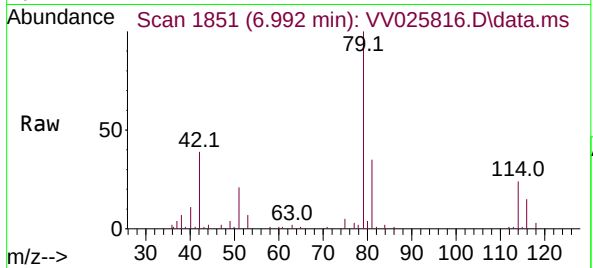
BH0D7

Tgt Ion: 75 Resp: 1594

Ion Ratio Lower Upper

75 100

77 51.7 21.8 40.6#



#42

Toluene

Concen: 0.532 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VV025816.D

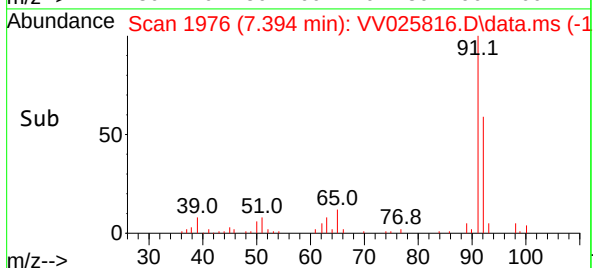
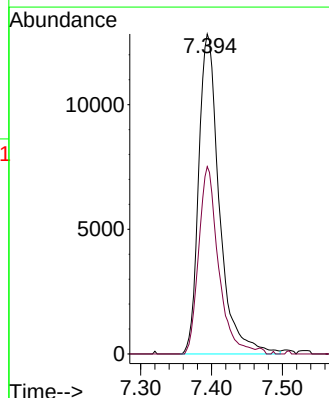
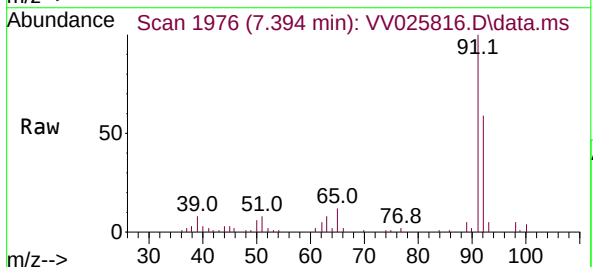
Acq: 04 May 2022 00:18

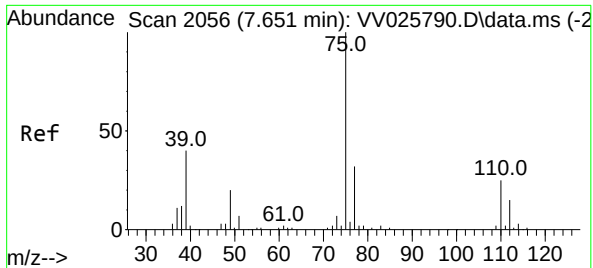
Tgt Ion: 91 Resp: 26026

Ion Ratio Lower Upper

91 100

92 58.6 40.8 75.8

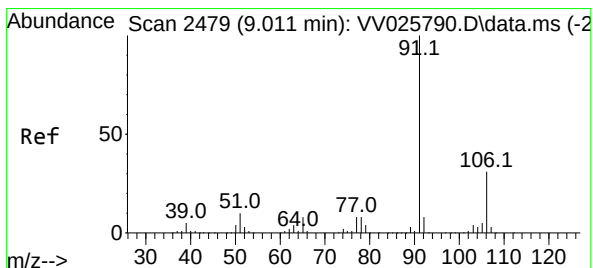
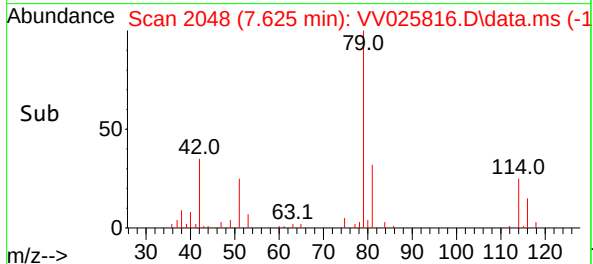
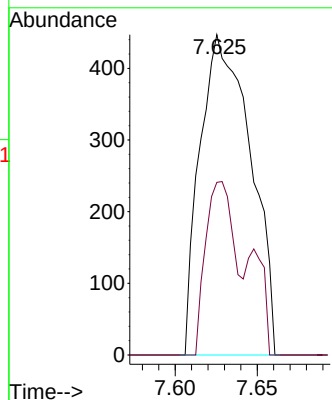
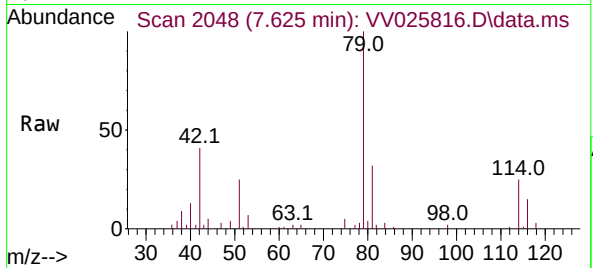




#44
trans-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.625 min Scan# 2056
Delta R.T. -0.026 min
Lab File: VV025816.D
Acq: 04 May 2022 00:18

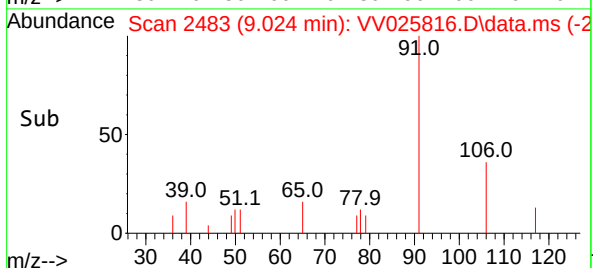
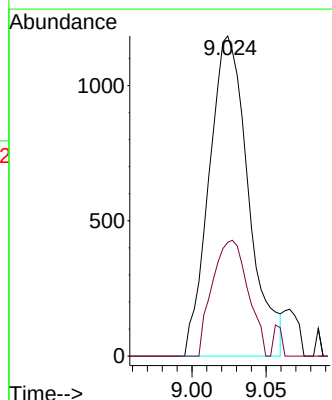
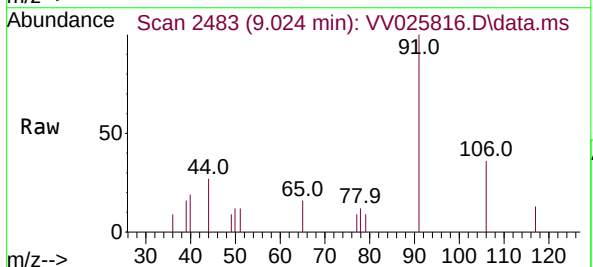
Instrument :
MSVOA_V
ClientSampleId :
BH0D7

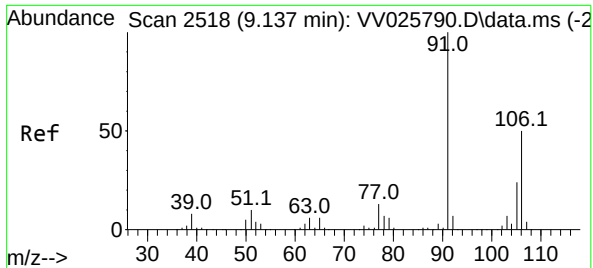
Tgt Ion: 75 Resp: 955
Ion Ratio Lower Upper
75 100
77 53.9 21.7 40.3#



#52
Ethylbenzene
Concen: 0.043 ug/L
RT: 9.024 min Scan# 2483
Delta R.T. 0.013 min
Lab File: VV025816.D
Acq: 04 May 2022 00:18

Tgt Ion: 91 Resp: 2185
Ion Ratio Lower Upper
91 100
106 35.5 22.3 41.3

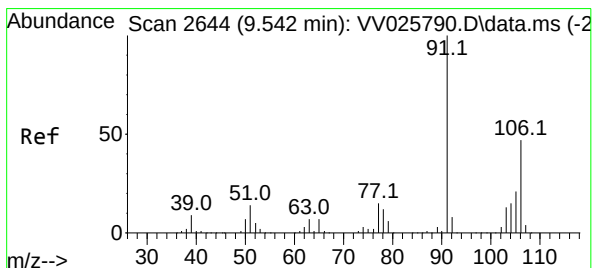
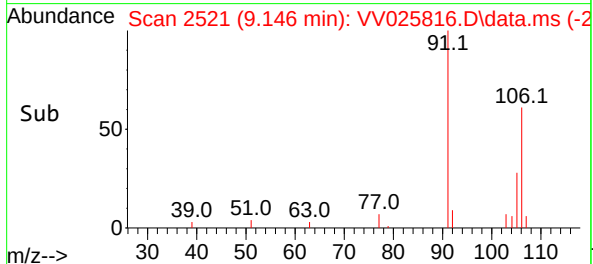
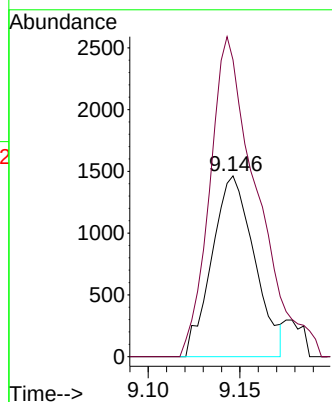
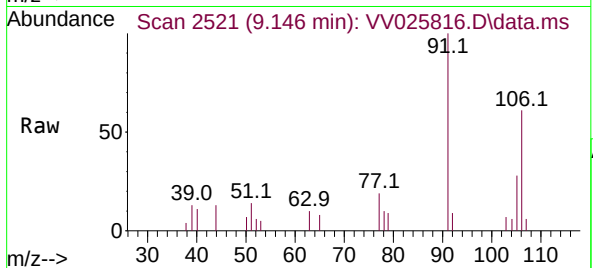




#53
m,p-Xylene
Concen: 0.118 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV025816.D
Acq: 04 May 2022 00:18

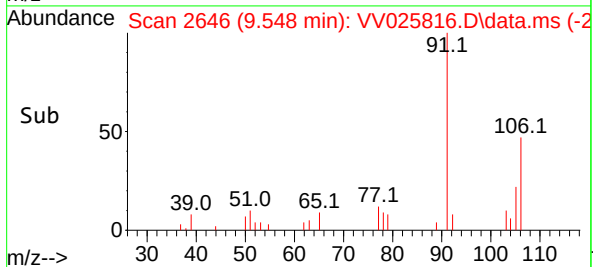
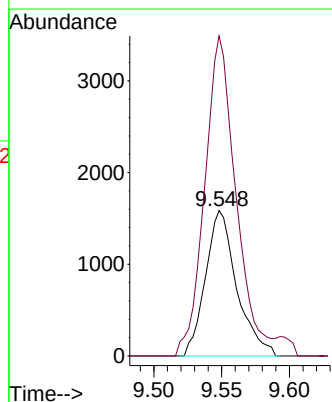
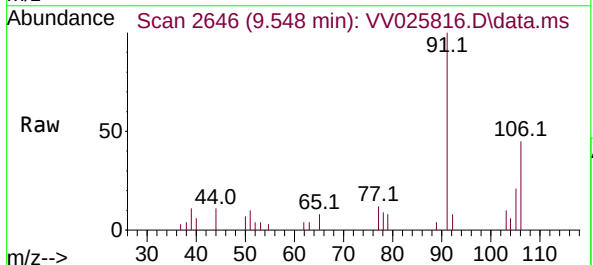
Instrument :
MSVOA_V
ClientSampleId :
BH0D7

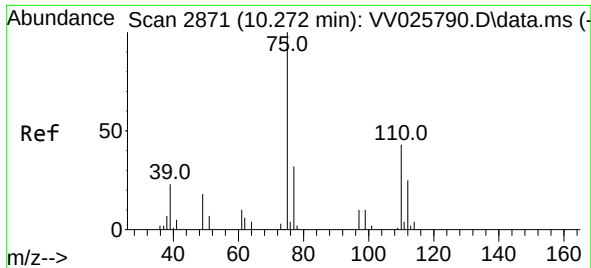
Tgt Ion:106 Resp: 2353
Ion Ratio Lower Upper
106 100
91 164.2 136.4 253.4



#54
o-Xylene
Concen: 0.134 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV025816.D
Acq: 04 May 2022 00:18

Tgt Ion:106 Resp: 2541
Ion Ratio Lower Upper
106 100
91 220.1 150.4 279.2

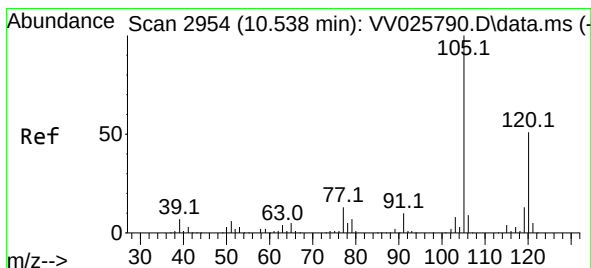
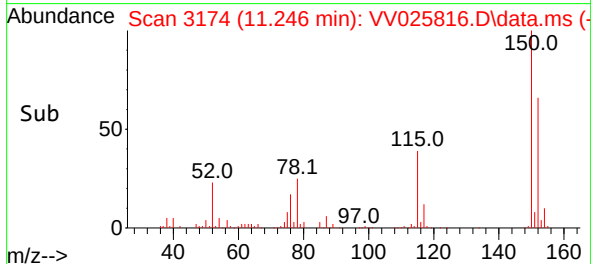
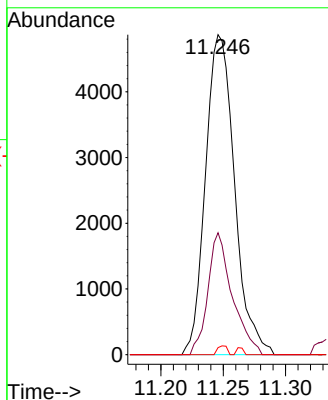
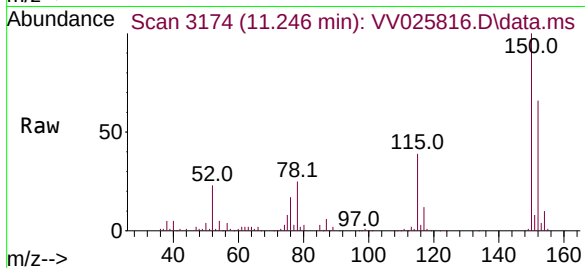




#61
 1,2,3-Trichloropropane
 Concen: 1.549 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV025816.D
 Acq: 04 May 2022 00:18

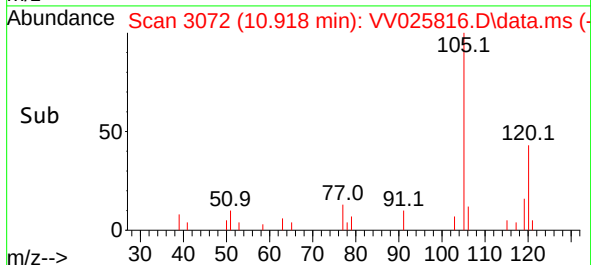
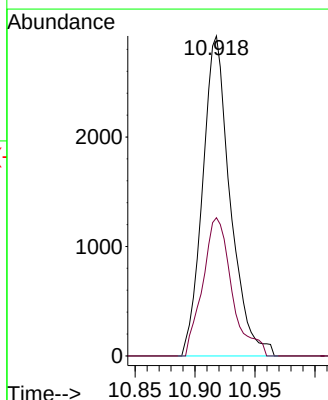
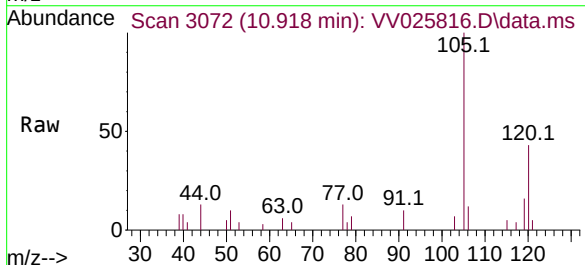
Instrument :
 MSVOA_V
 ClientSampleId :
 BH0D7

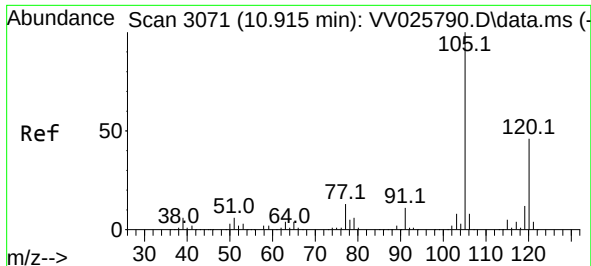
Tgt Ion: 75 Resp: 7900
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.6 38.4
 110 0.9 34.7 52.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.254 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.379 min
 Lab File: VV025816.D
 Acq: 04 May 2022 00:18

Tgt Ion: 105 Resp: 4674
 Ion Ratio Lower Upper
 105 100
 120 45.7 39.6 59.4

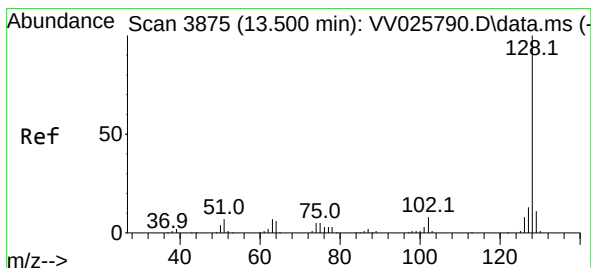
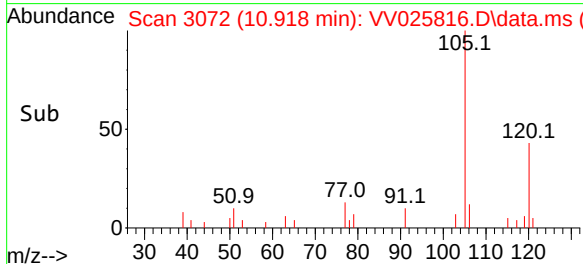
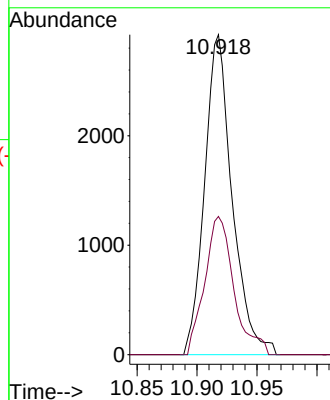
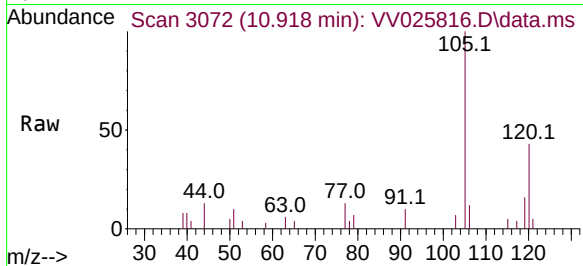




#63
1,2,4-Trimethylbenzene
Concen: 0.139 ug/L
RT: 10.918 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV025816.D
Acq: 04 May 2022 00:18

Instrument :
MSVOA_V
ClientSampleId :
BH0D7

Tgt Ion:105 Resp: 4674
Ion Ratio Lower Upper
105 100
120 45.7 36.6 55.0



#71
Naphthalene
Concen: 0.483 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV025816.D
Acq: 04 May 2022 00:18

Tgt Ion:128 Resp: 7581
Ion Ratio Lower Upper
128 100
129 10.0 8.8 13.2
127 13.2 10.4 15.6

