

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023411.D
 Acq On : 12 Nov 2021 00:35
 Operator : SY/MD
 Sample : M4580-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 02:10:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 02:02:21 2021
 Response via : Initial Calibration

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

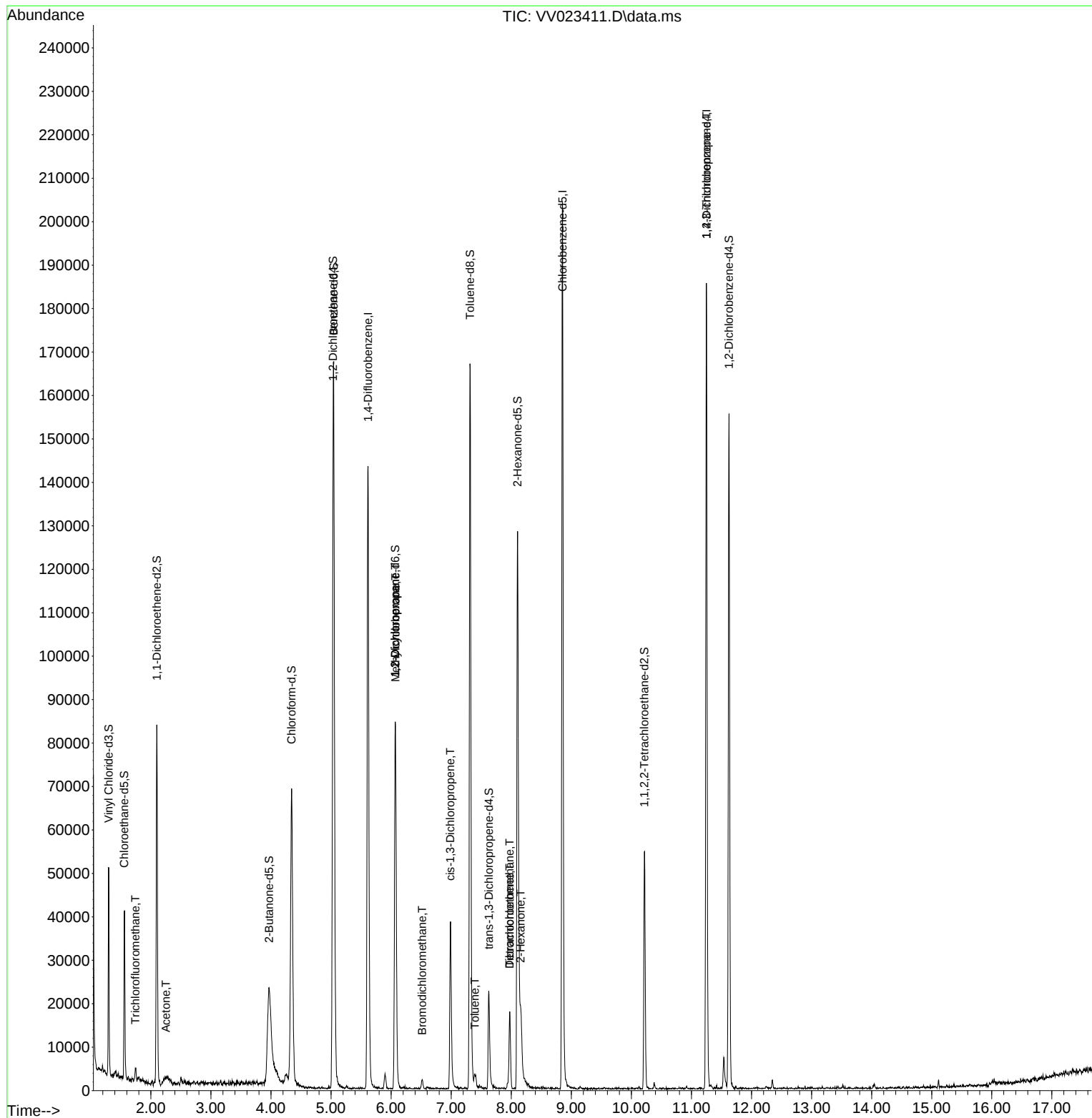
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	122118	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	116790	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49976	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	27051	3.536	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.800%	
7) Chloroethane-d5	1.558	69	23556	3.778	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.600%	
11) 1,1-Dichloroethene-d2	2.098	63	42544	2.971	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	59.400%#	
20) 2-Butanone-d5	3.966	46	60181	45.661	ug/L	0.06
Spiked Amount	50.000	Range 40 - 130	Recovery	=	91.320%	
24) Chloroform-d	4.342	84	67368	4.132	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.600%	
26) 1,2-Dichloroethane-d4	5.034	65	33802	4.611	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
32) Benzene-d6	5.043	84	137300	4.582	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.600%	
36) 1,2-Dichloropropane-d6	6.069	67	40800	4.625	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.600%	
41) Toluene-d8	7.313	98	111816	3.982	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.600%	
43) trans-1,3-Dichloroprop...	7.628	79	13191	3.944	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.800%	
46) 2-Hexanone-d5	8.104	63	44172	35.893	ug/L	0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	=	71.780%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26086	4.112	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	40826	4.906	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.200%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.741	101	1471	0.097	ug/L	99
13) Acetone	2.249	43	1634	2.029	ug/L	84
35) Methylcyclohexane	6.072	83	10926	0.797	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	4441	0.583	ug/L #	83
38) Bromodichloromethane	6.516	83	1548	0.152	ug/L #	78
39) cis-1,3-Dichloropropene	6.985	75	1001	0.091	ug/L #	45
42) Toluene	7.394	91	2393	0.069	ug/L	100
47) Tetrachloroethene	7.976	164	4069	0.541	ug/L	97
48) 2-Hexanone	8.156	43	4663	1.883	ug/L #	98
49) Dibromochloromethane	7.972	129	3456	0.498	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5351	1.612	ug/L #	67

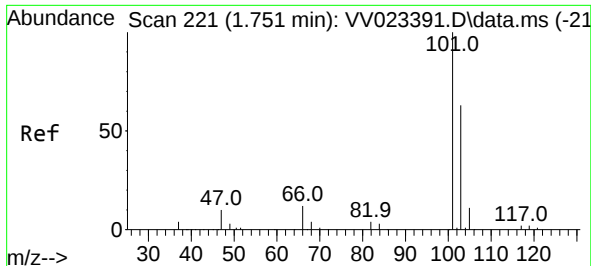
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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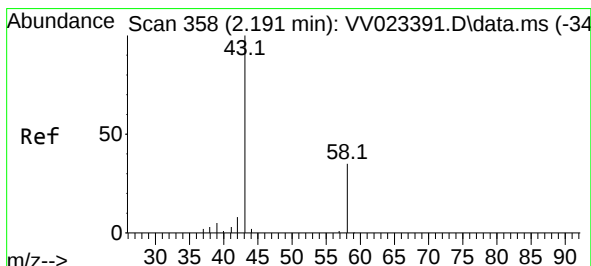
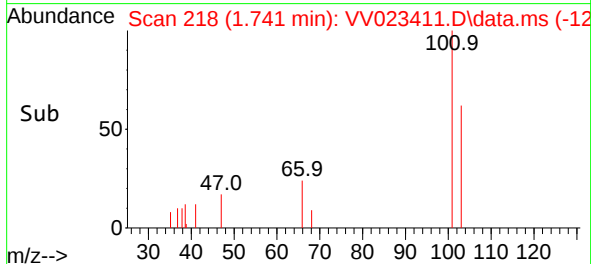
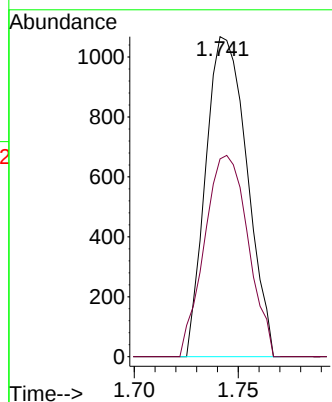
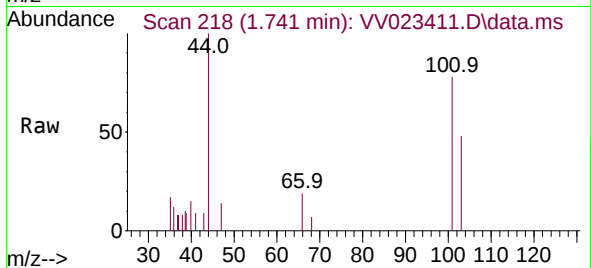




#9
Trichlorofluoromethane
Concen: 0.097 ug/L
RT: 1.741 min Scan# 218
Delta R.T. -0.010 min
Lab File: VV023411.D
Acq: 12 Nov 2021 00:35

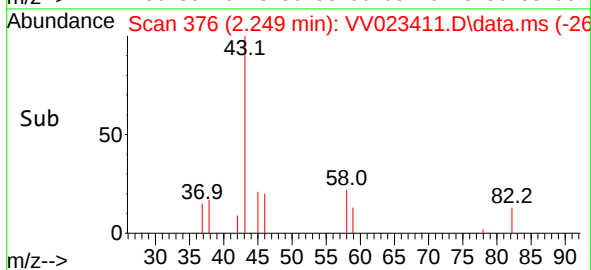
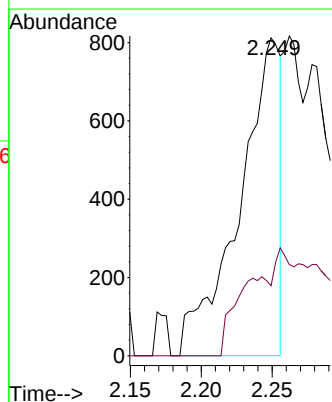
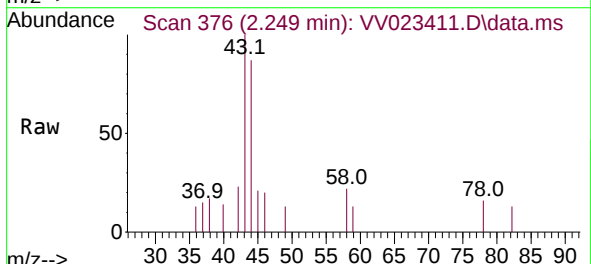
Instrument :
MSVOA_V
ClientSampleId :

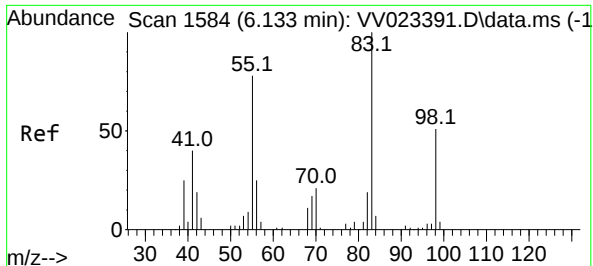
Tgt Ion:101 Resp: 1471
Ion Ratio Lower Upper
101 100
103 66.7 52.6 79.0



#13
Acetone
Concen: 2.029 ug/L
RT: 2.249 min Scan# 376
Delta R.T. 0.058 min
Lab File: VV023411.D
Acq: 12 Nov 2021 00:35

Tgt Ion: 43 Resp: 1634
Ion Ratio Lower Upper
43 100
58 19.5 0.0 55.4

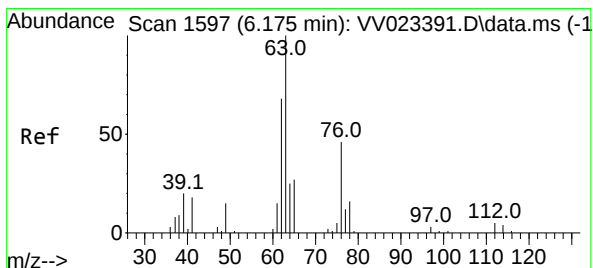
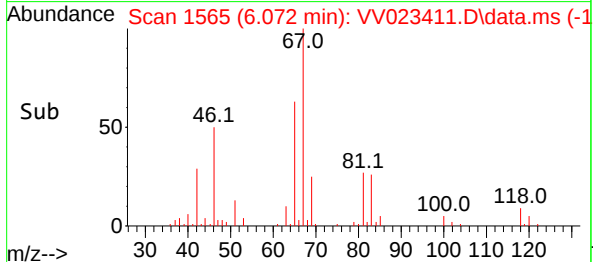
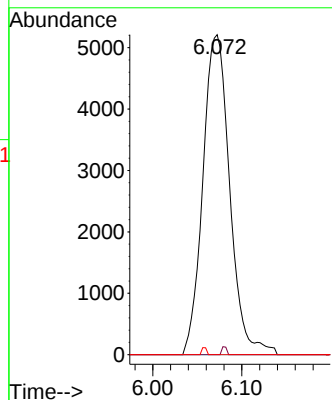
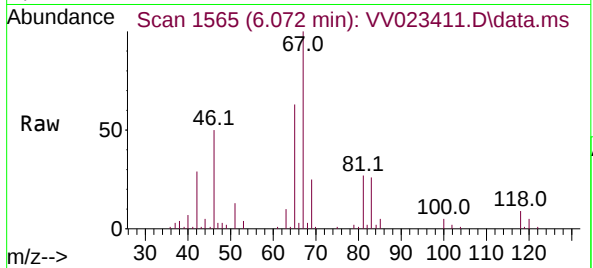




#35
Methylcyclohexane
Concen: 0.797 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV023411.D
Acq: 12 Nov 2021 00:35

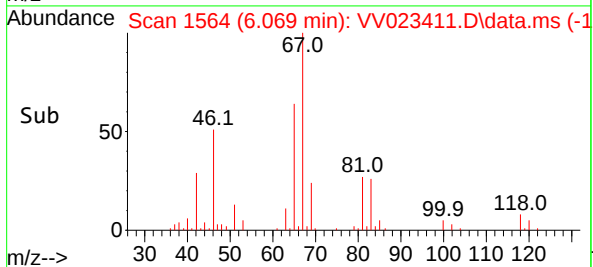
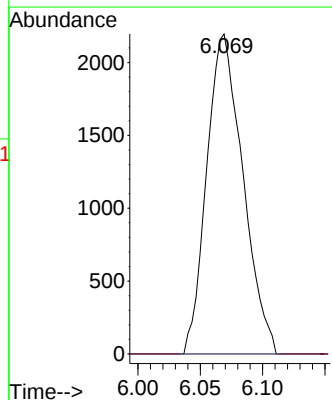
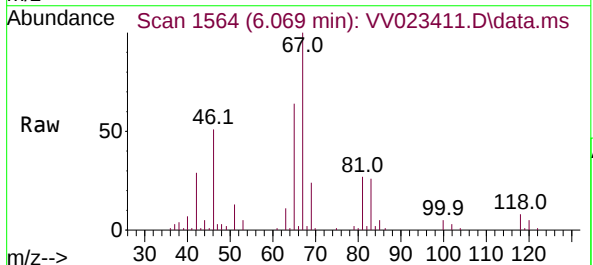
Instrument :
MSVOA_V
ClientSampleId :

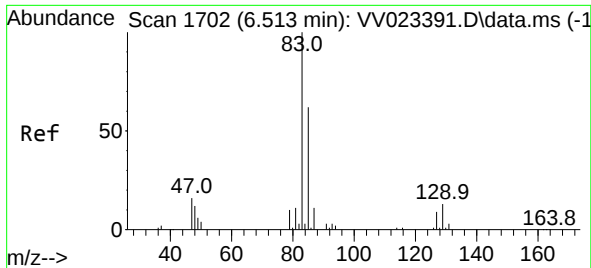
Tgt Ion: 83 Resp: 10926
Ion Ratio Lower Upper
83 100
55 0.4 62.8 94.2#
98 0.4 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.583 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV023411.D
Acq: 12 Nov 2021 00:35

Tgt Ion: 63 Resp: 4441
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#

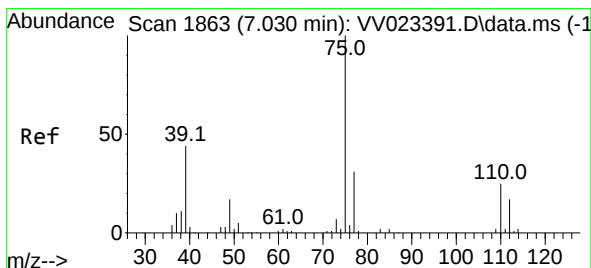
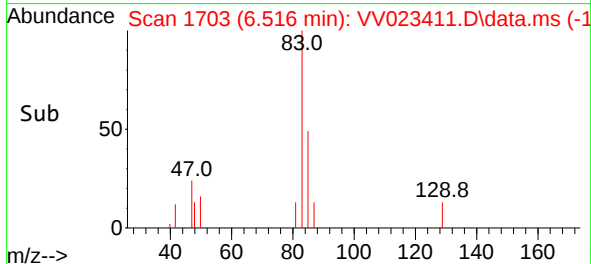
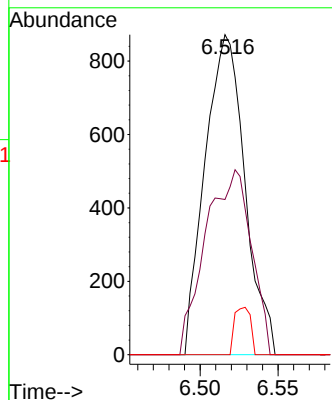
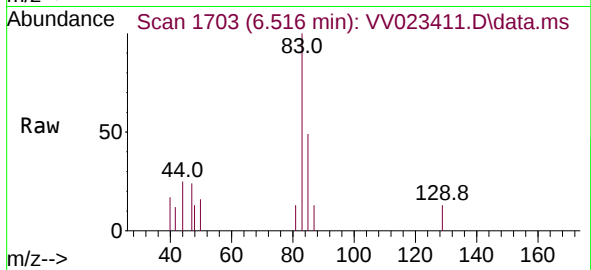




#38
Bromodichloromethane
Concen: 0.152 ug/L
RT: 6.516 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023411.D
Acq: 12 Nov 2021 00:35

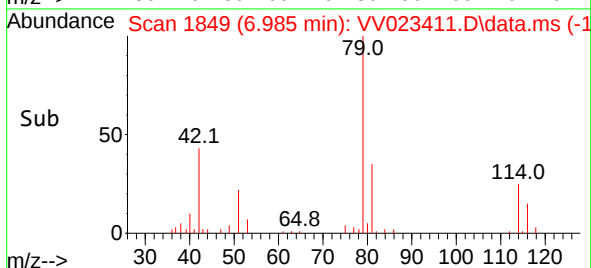
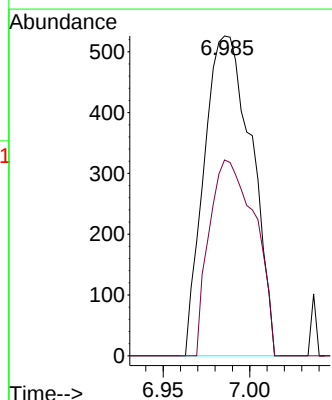
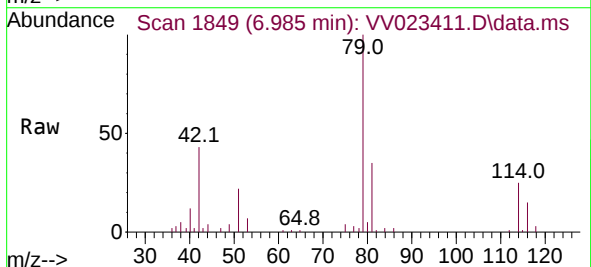
Instrument :
MSVOA_V
ClientSampleId :

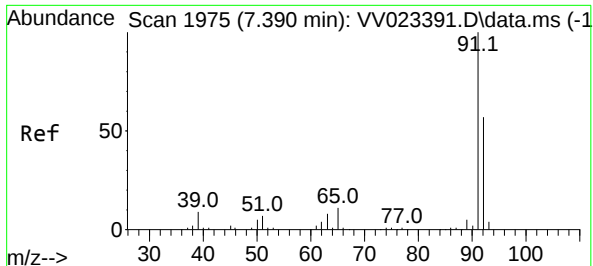
Tgt Ion: 83 Resp: 1548
Ion Ratio Lower Upper
83 100
85 48.5 46.1 85.7
127 0.0 7.2 10.8#



#39
cis-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.045 min
Lab File: VV023411.D
Acq: 12 Nov 2021 00:35

Tgt Ion: 75 Resp: 1001
Ion Ratio Lower Upper
75 100
77 61.2 21.6 40.2#

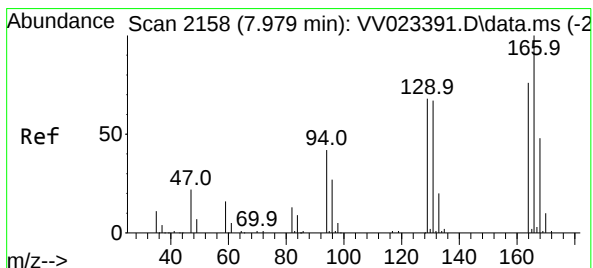
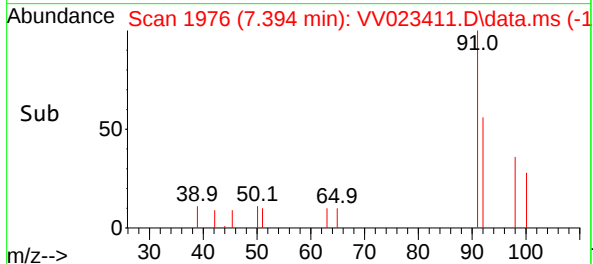
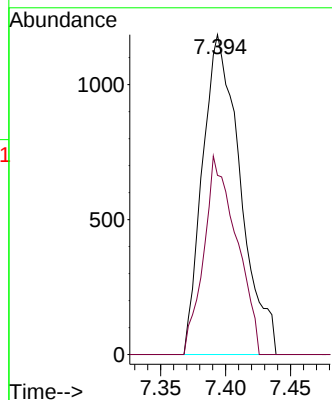
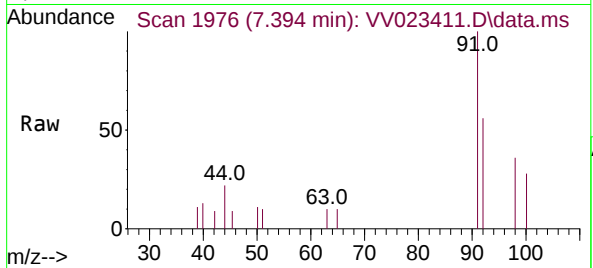




#42
Toluene
Concen: 0.069 ug/L
RT: 7.394 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV023411.D
Acq: 12 Nov 2021 00:35

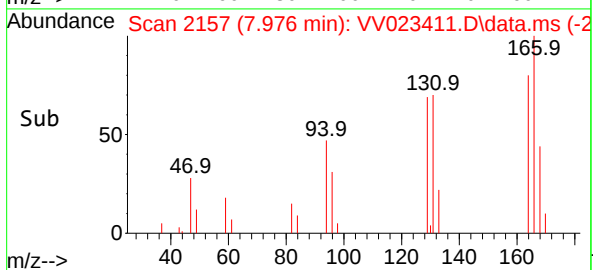
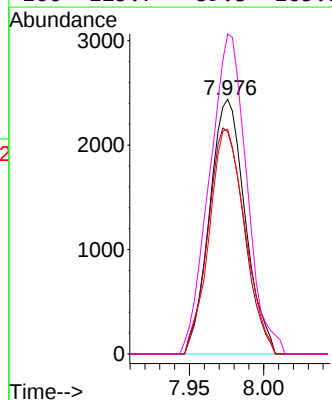
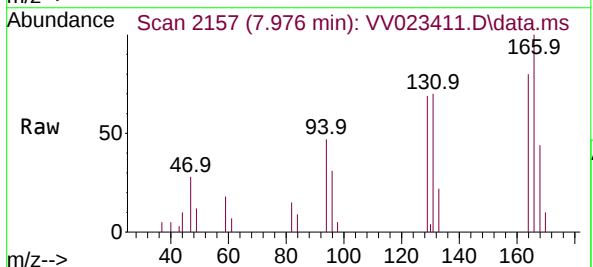
Instrument :
MSVOA_V
ClientSampleId :

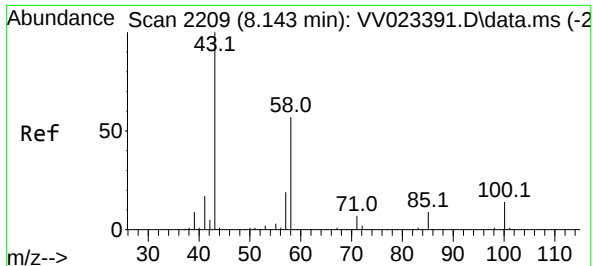
Tgt Ion: 91 Resp: 2393
Ion Ratio Lower Upper
91 100
92 56.0 39.3 72.9



#47
Tetrachloroethene
Concen: 0.541 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV023411.D
Acq: 12 Nov 2021 00:35

Tgt Ion: 164 Resp: 4069
Ion Ratio Lower Upper
164 100
129 87.3 64.0 119.0
131 88.3 63.4 117.8
166 125.7 89.3 165.9





#48

2-Hexanone

Concen: 1.883 ug/L

RT: 8.156 min Scan# 2156

Delta R.T. 0.013 min

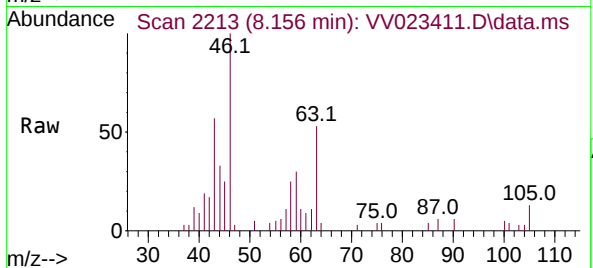
Lab File: VV023411.D

Acq: 12 Nov 2021 00:35

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 4663

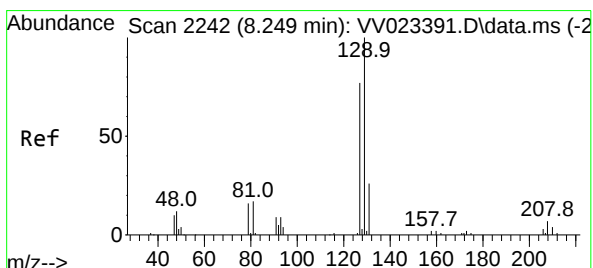
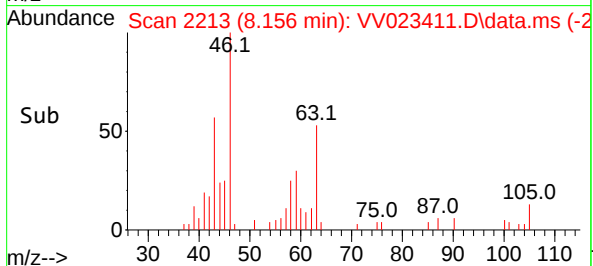
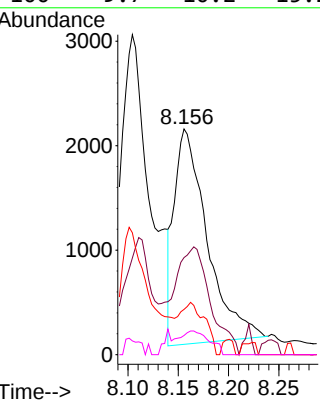
Ion Ratio Lower Upper

43 100

58 54.0 43.7 65.5

57 18.6 14.1 21.1

100 9.7 10.2 15.2#



#49

Dibromochloromethane

Concen: 0.498 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.276 min

Lab File: VV023411.D

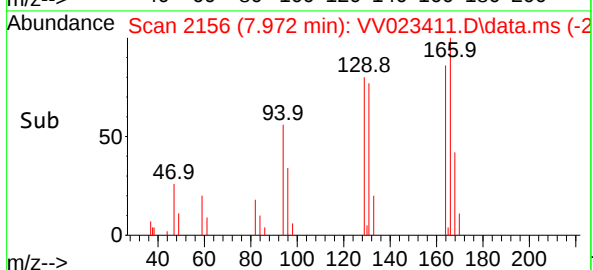
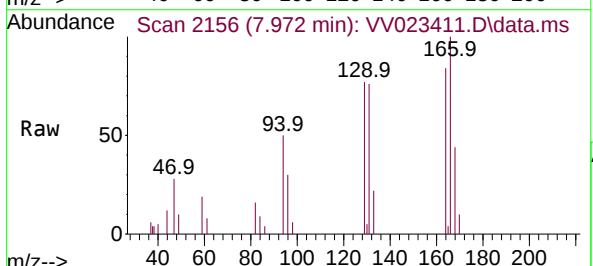
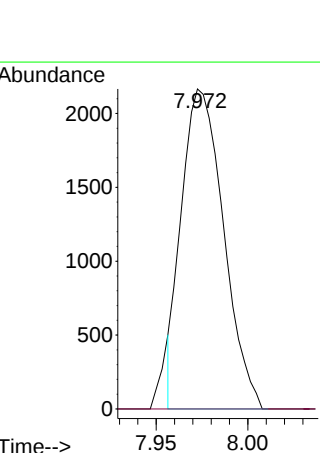
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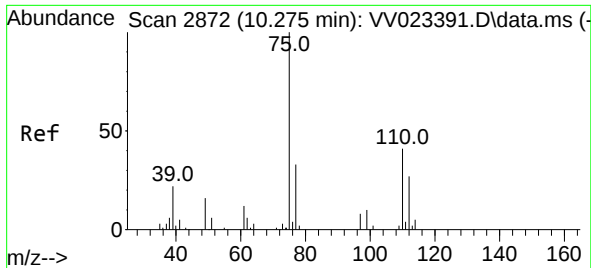
Tgt Ion: 129 Resp: 3456

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#





#61

1,2,3-Trichloropropane

Concen: 1.612 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

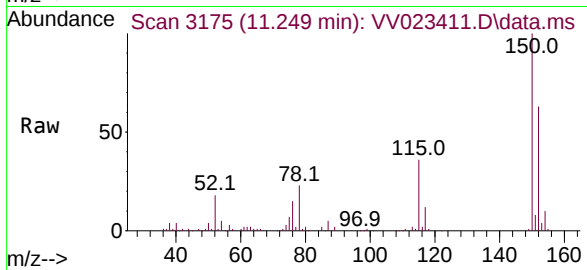
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Acq: 12 Nov 2021 00:35

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Tgt Ion: 75 Resp: 5351

Ion Ratio Lower Upper

75 100

77 33.5 26.6 39.8

110 2.6 31.8 47.6#

