

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111021\
 Data File : VV023414.D
 Acq On : 12 Nov 2021 01:47
 Operator : SY/MD
 Sample : M4580-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 02:11:24 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)

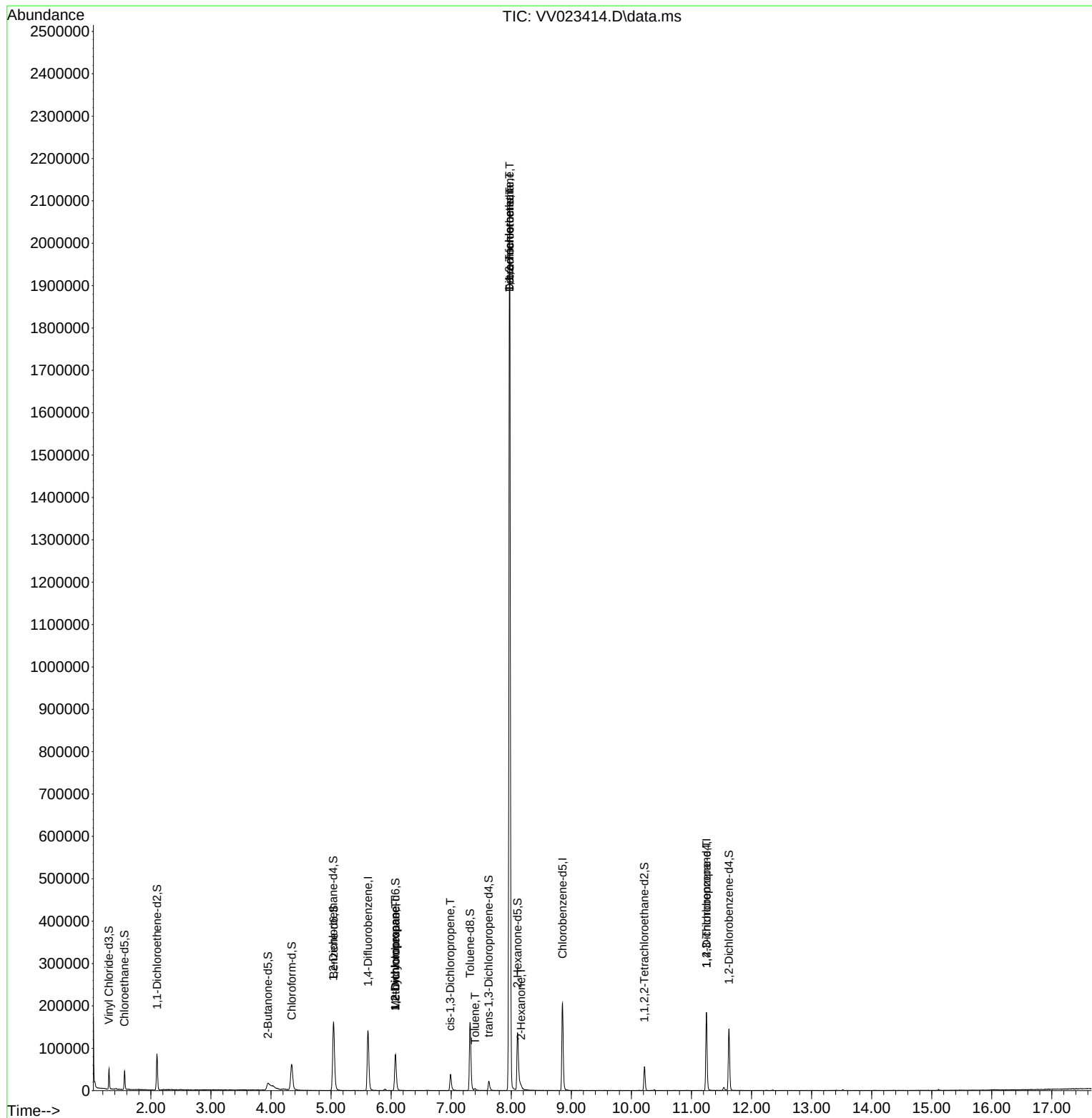
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	121310	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	117683	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49502	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	25859	3.403	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.000%
7) Chloroethane-d5	1.561	69	23895	3.858	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.101	63	42103	2.959	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.200%#
20) 2-Butanone-d5	3.950	46	39258	29.985	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	59.960%
24) Chloroform-d	4.346	84	60925	3.762	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
26) 1,2-Dichloroethane-d4	5.037	65	33580	4.611	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.043	84	132806	4.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.072	67	39026	4.391	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.313	98	107528	3.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	7.625	79	13071	3.878	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.104	63	49232	39.701	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.400%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26111	4.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	38928	4.723	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
35) Methylcyclohexane	6.072	83	10148	0.735	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	4681	0.610	ug/L #	83
39) cis-1,3-Dichloropropene	6.985	75	1174	0.106	ug/L #	45
42) Toluene	7.400	91	2838	0.081	ug/L	80
45) 1,1,2-Trichloroethane	7.969	97	3759	0.681	ug/L #	1
47) Tetrachloroethene	7.973	164	455384	60.071	ug/L	99
48) 2-Hexanone	8.162	43	4861	1.948	ug/L #	54
49) Dibromochloromethane	7.973	129	383123	54.803	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5425	1.650	ug/L #	67

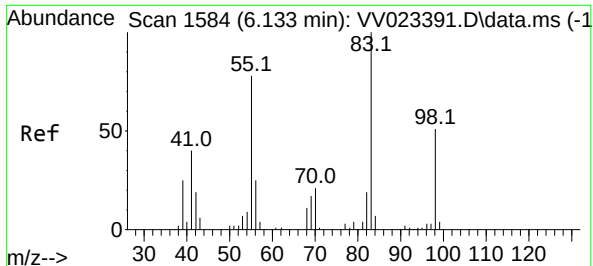
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.735 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV023414.D

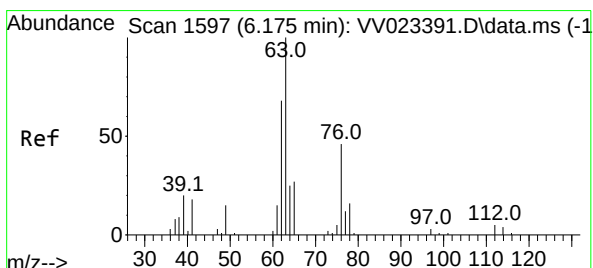
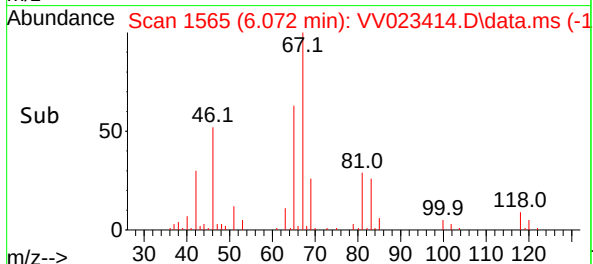
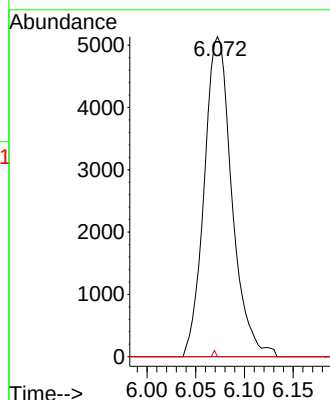
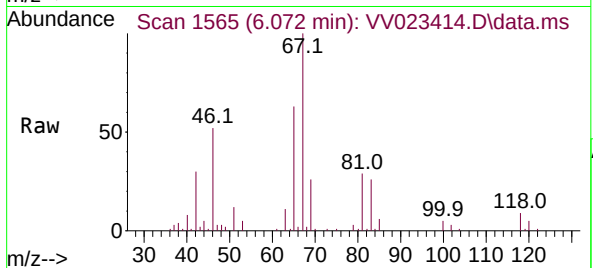
Acq: 12 Nov 2021 01:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 10148
Ion Ratio	Lower Upper
83 100	
55 0.0	62.8 94.2#
98 0.2	37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.610 ug/L

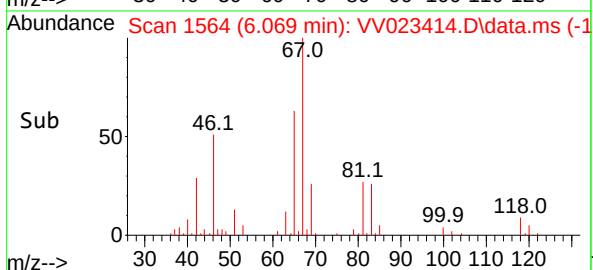
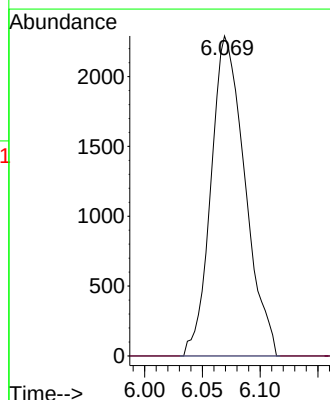
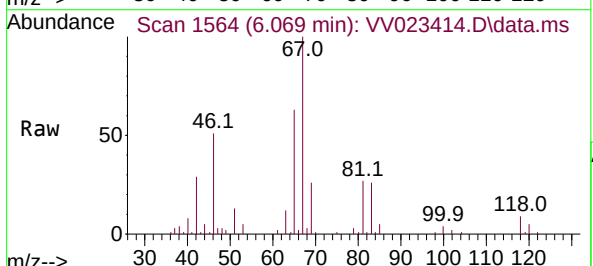
RT: 6.069 min Scan# 1564

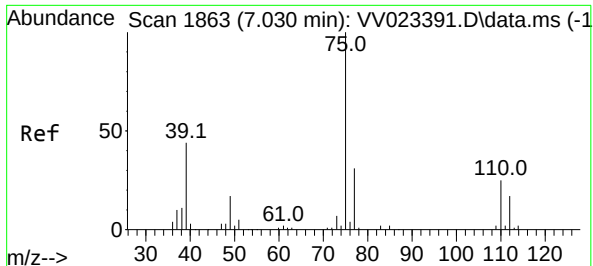
Delta R.T. -0.106 min

Lab File: VV023414.D

Acq: 12 Nov 2021 01:47

Tgt Ion: 63	Resp: 4681
Ion Ratio	Lower Upper
63 100	
112 0.0	4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV023414.D

Acq: 12 Nov 2021 01:47

Instrument :

MSVOA_V

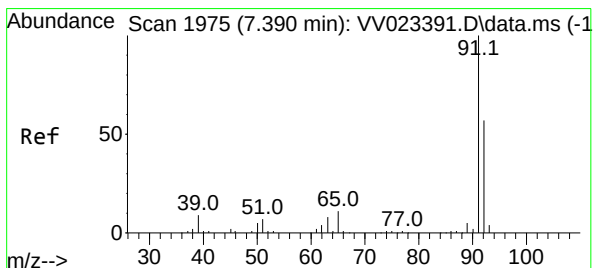
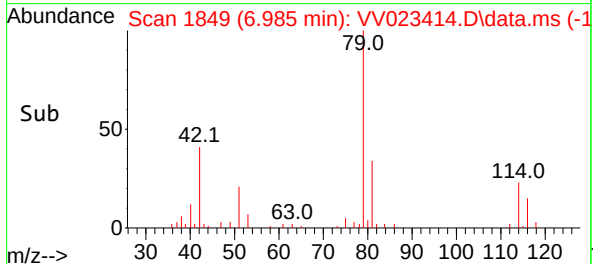
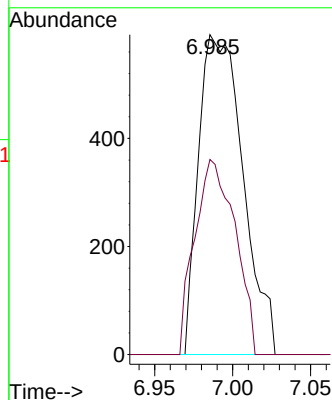
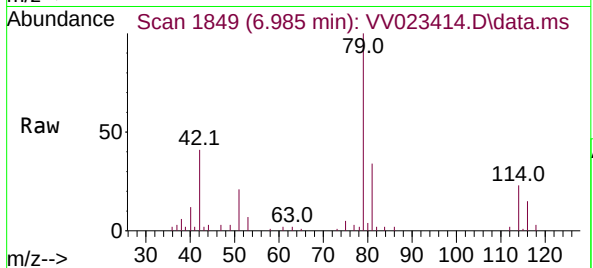
ClientSampleId :

Tgt Ion: 75 Resp: 1174

Ion Ratio Lower Upper

75 100

77 61.0 21.6 40.2#



#42

Toluene

Concen: 0.081 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.010 min

Lab File: VV023414.D

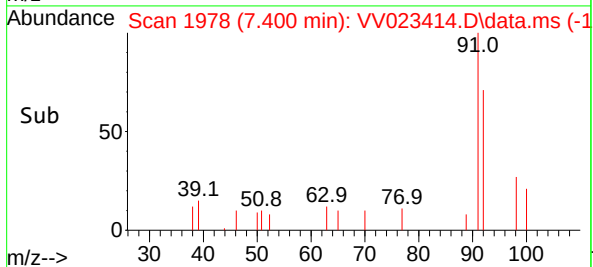
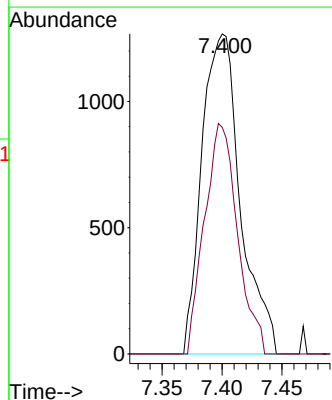
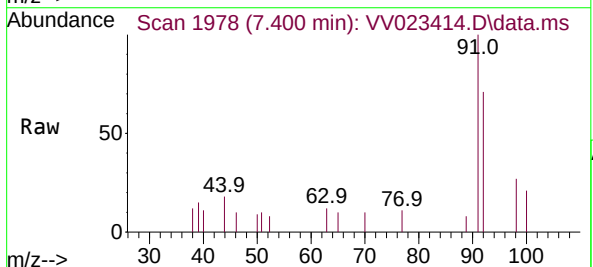
Acq: 12 Nov 2021 01:47

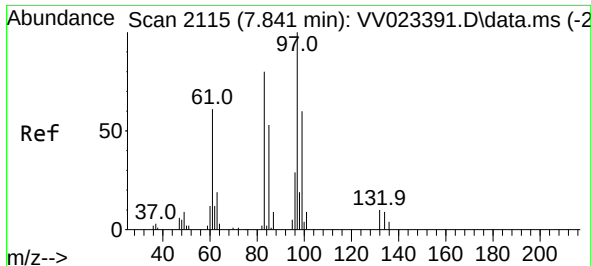
Tgt Ion: 91 Resp: 2838

Ion Ratio Lower Upper

91 100

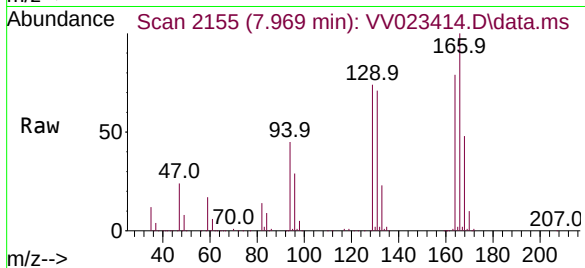
92 70.8 39.3 72.9



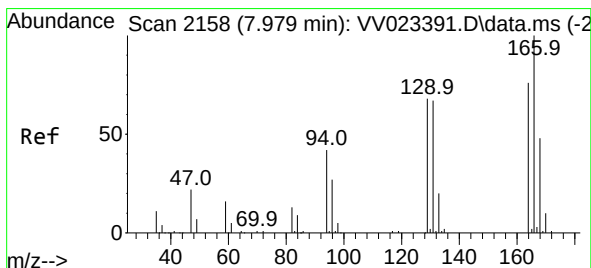
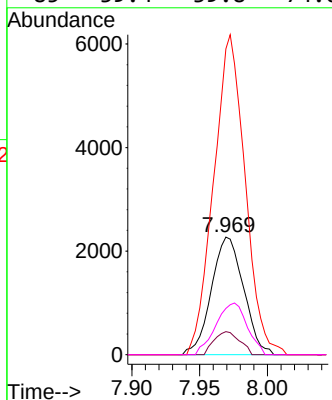
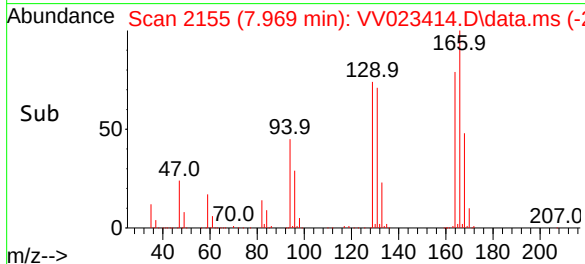


#45
1,1,2-Trichloroethane
Concen: 0.681 ug/L
RT: 7.969 min Scan# 2115
Delta R.T. 0.129 min
Lab File: VV023414.D
Acq: 12 Nov 2021 01:47

Instrument :
MSVOA_V
ClientSampleId :

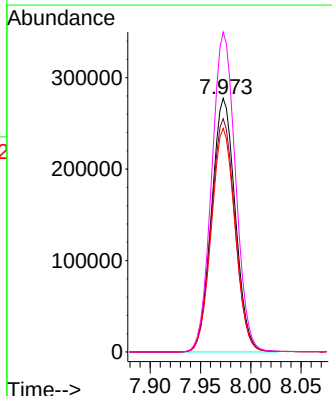
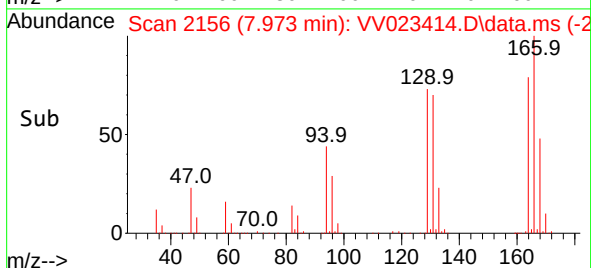
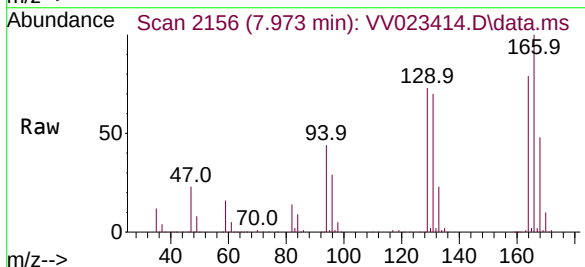


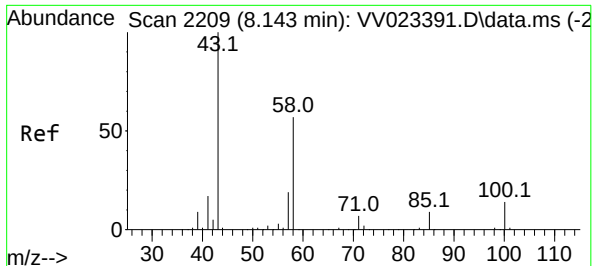
Tgt Ion: 97	Resp: 3759
Ion Ratio	Lower Upper
97	100
99	19.6 43.6 81.0#
83	260.0 58.4 108.4#
85	39.4 39.8 74.0#



#47
Tetrachloroethene
Concen: 60.071 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.006 min
Lab File: VV023414.D
Acq: 12 Nov 2021 01:47

Tgt Ion: 164	Resp: 455384
Ion Ratio	Lower Upper
164	100
129	92.0 64.0 119.0
131	88.2 63.4 117.8
166	126.2 89.3 165.9

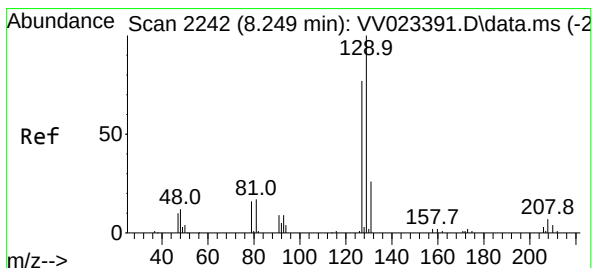
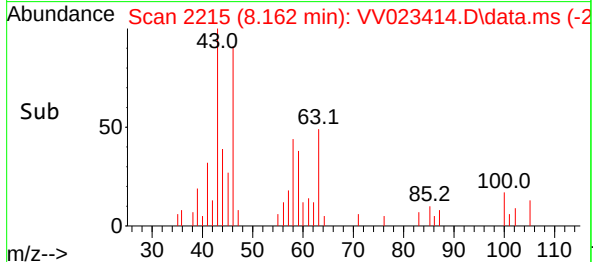
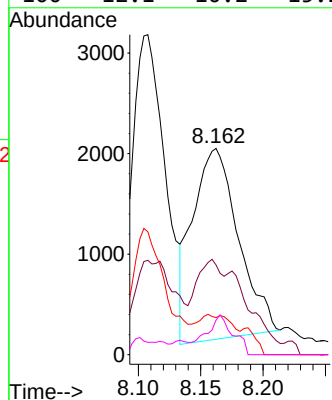
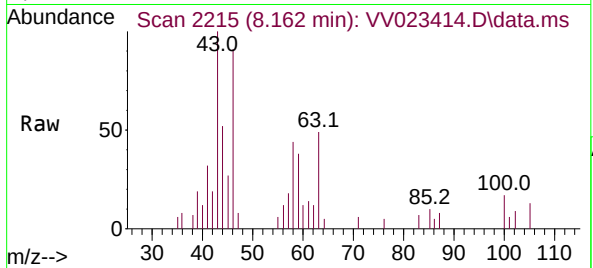




#48
2-Hexanone
Concen: 1.948 ug/L
RT: 8.162 min Scan# 2115
Delta R.T. 0.019 min
Lab File: VV023414.D
Acq: 12 Nov 2021 01:47

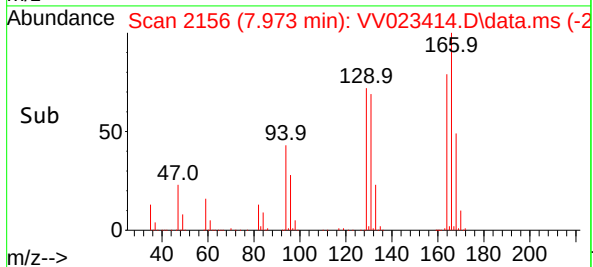
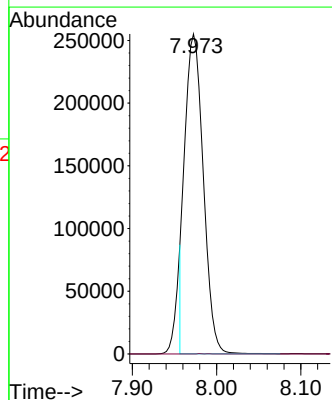
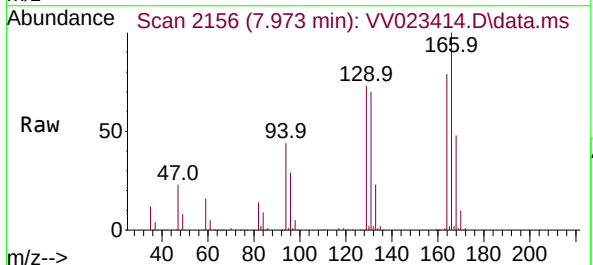
Instrument :
MSVOA_V
ClientSampleId :

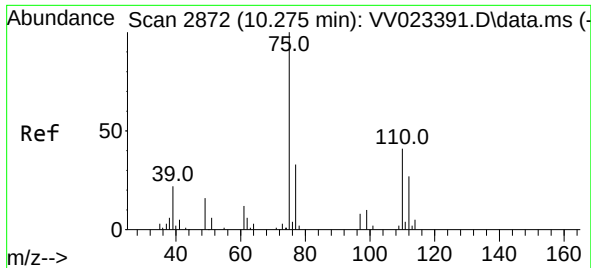
Tgt Ion: 43	Resp: 4861
Ion Ratio	Lower Upper
43	100
58	11.7 43.7 65.5#
57	1.7 14.1 21.1#
100	12.1 10.2 15.2



#49
Dibromochloromethane
Concen: 54.803 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.276 min
Lab File: VV023414.D
Acq: 12 Nov 2021 01:47

Tgt Ion: 129	Resp: 383123
Ion Ratio	Lower Upper
129	100
127	0.0 54.7 101.7#





#61

1,2,3-Trichloropropane

Concen: 1.650 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

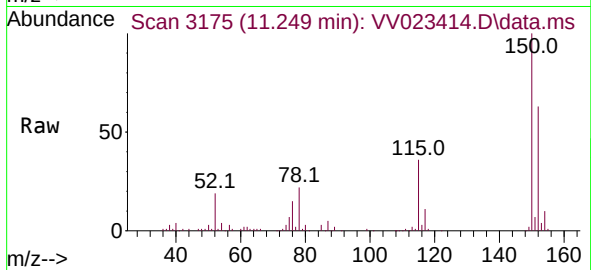
Lab File: VV023414.D

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Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 5425

Ion Ratio Lower Upper

75 100

77 34.2 26.6 39.8

110 2.9 31.8 47.6#

