

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100521\
 Data File : VW022566.D
 Acq On : 05 Oct 2021 11:25
 Operator : SY/MD
 Sample : M3967-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 05:26:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 05:22:36 2021
 Response via : Initial Calibration

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

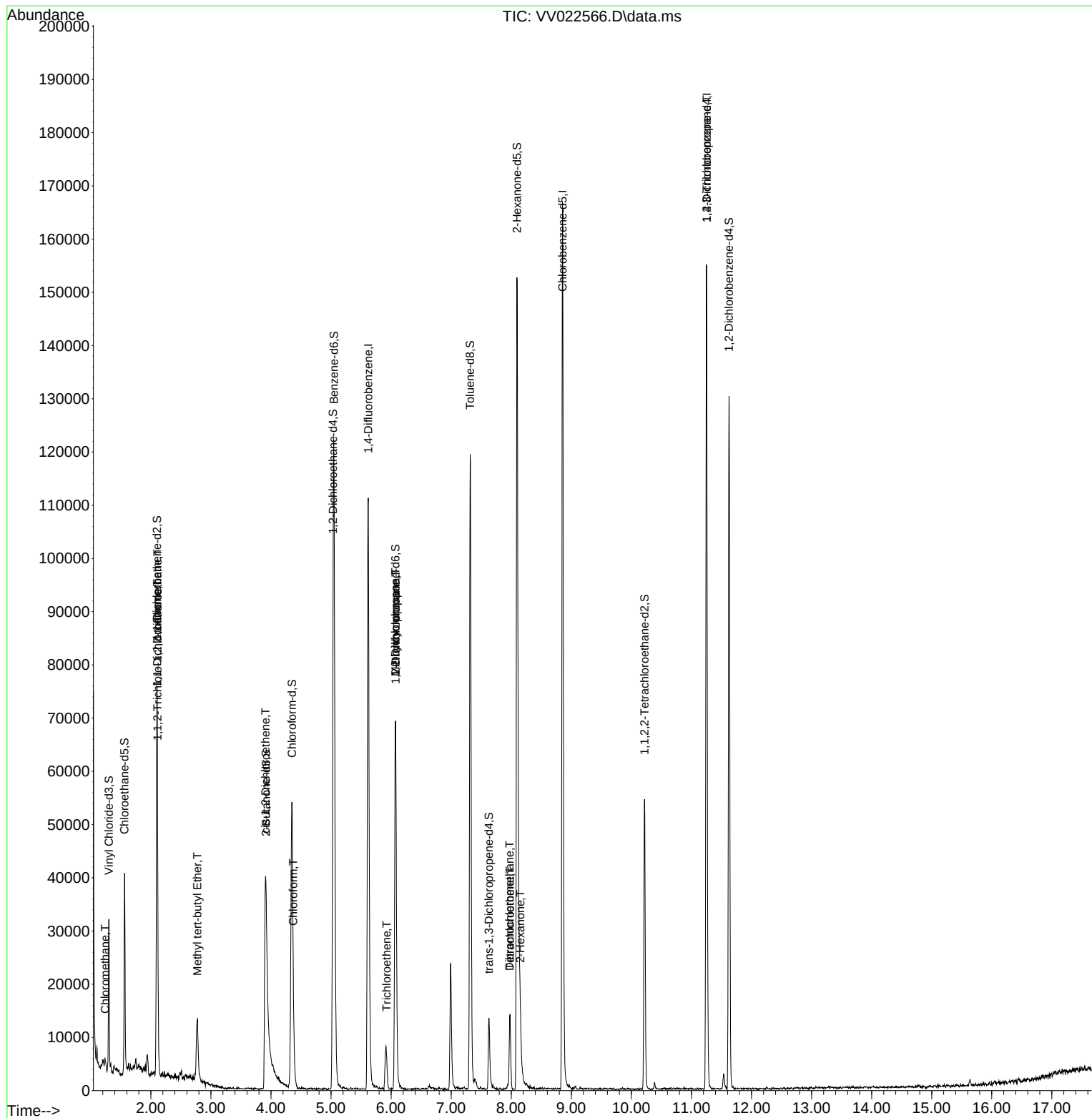
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	100185	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	96789	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	43738	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	15221	4.742	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.561	69	23004	5.317	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.400%
11) 1,1-Dichloroethene-d2	2.102	63	30577	3.283	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	3.915	46	76492	40.313	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.620%
24) Chloroform-d	4.349	84	55655	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.034	65	28871	4.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.047	84	103952	4.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.072	67	34332	4.461	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.317	98	80585	4.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	7.629	79	8373	4.112	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.095	63	53492	42.423	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.840%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	26233	4.487	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	35006	5.174	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
3) Chloromethane	1.237	50	1003	0.131	ug/L	83
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	6053	0.913	ug/L	94
12) 1,1-Dichloroethene	2.108	96	1652	0.269	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	11305	0.725	ug/L	98
22) cis-1,2-Dichloroethene	3.909	96	3949	0.544	ug/L	84
25) Chloroform	4.372	83	4496	0.343	ug/L	86
34) Trichloroethene	5.925	95	1963	0.259	ug/L	89
35) Methylcyclohexane	6.072	83	8784	0.827	ug/L #	19
37) 1,2-Dichloropropane	6.076	63	3837	0.603	ug/L #	84
47) Tetrachloroethene	7.979	164	3518	0.597	ug/L	89
48) 2-Hexanone	8.153	43	6389	2.534	ug/L #	81
49) Dibromochloromethane	7.976	129	3049	0.544	ug/L #	12
61) 1,2,3-Trichloropropane	11.252	75	4597	1.418	ug/L #	62

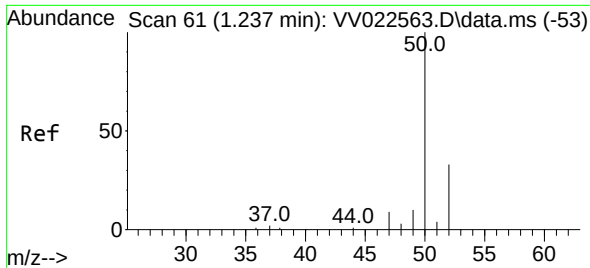
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 06 05:22:36 2021
Response via : Initial Calibration

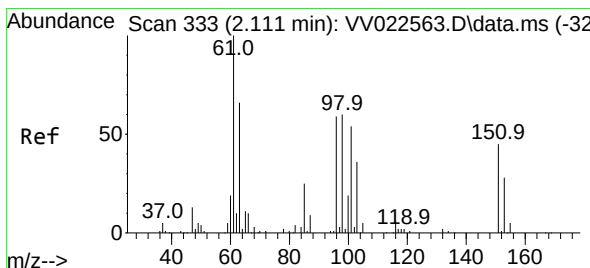
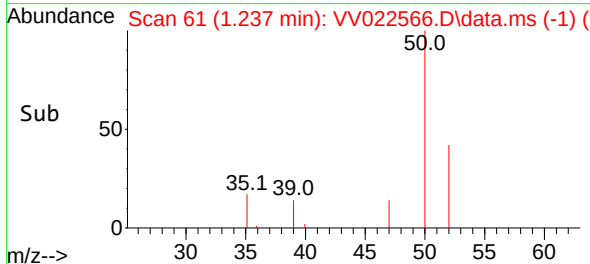
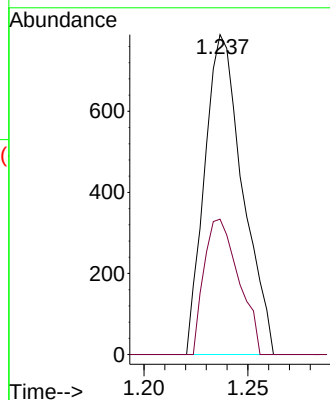
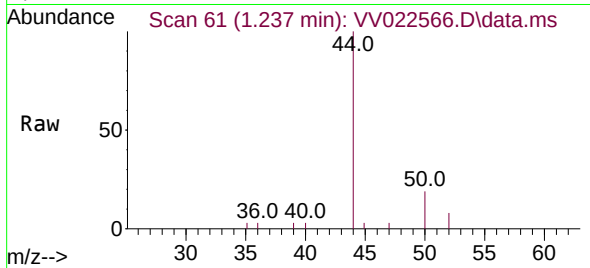




#3
Chloromethane
Concen: 0.131 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV022566.D
Acq: 05 Oct 2021 11:25

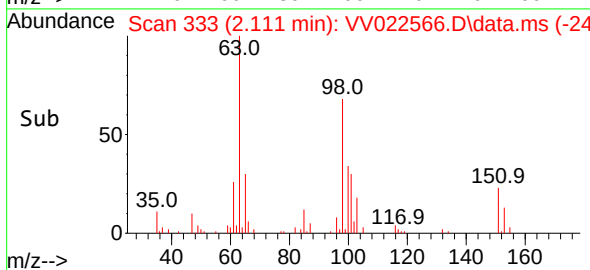
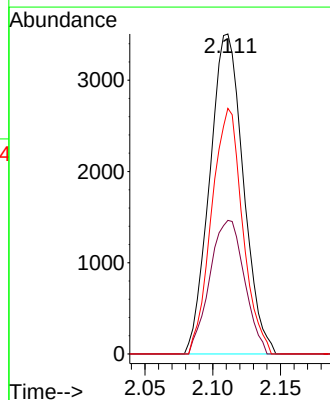
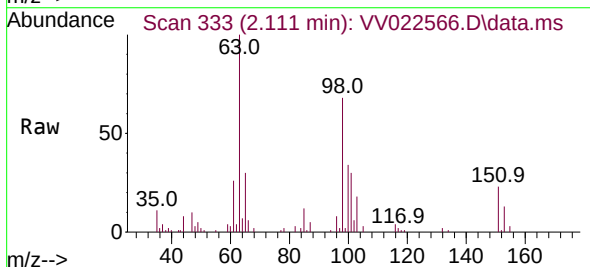
Instrument :
MSVOA_V
ClientSampled :

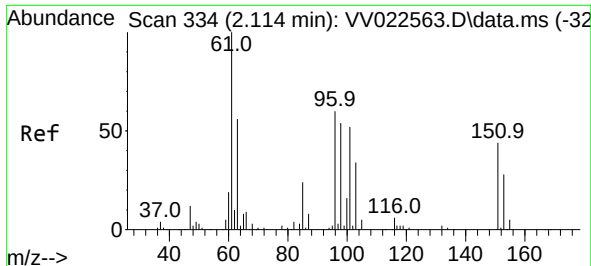
Tgt Ion: 50 Resp: 1003
Ion Ratio Lower Upper
50 100
52 42.3 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.913 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV022566.D
Acq: 05 Oct 2021 11:25

Tgt Ion: 101 Resp: 6053
Ion Ratio Lower Upper
101 100
85 42.9 35.8 53.6
151 70.9 61.9 92.9





#12

1,1-Dichloroethene

Concen: 0.269 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.006 min

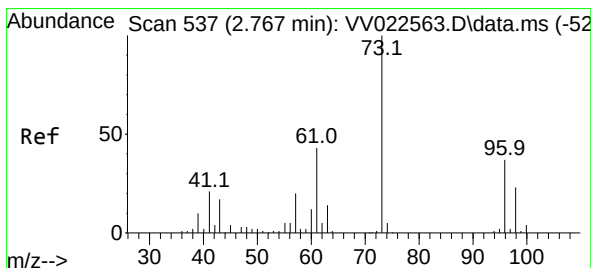
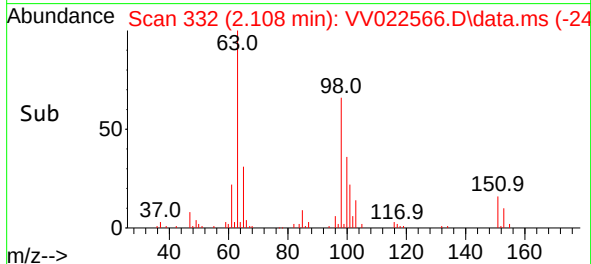
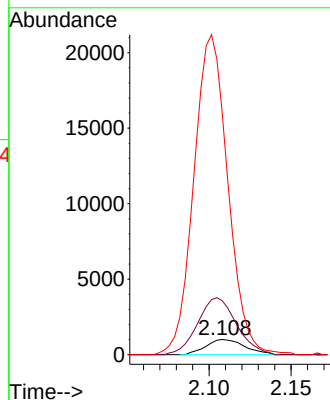
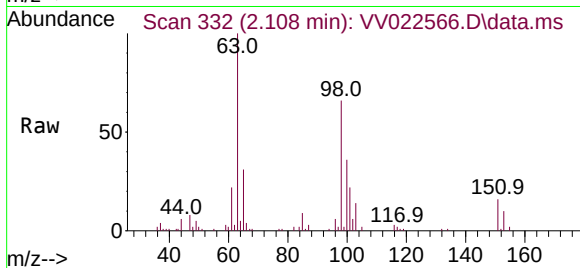
Lab File: VV022566.D

Acq: 05 Oct 2021 11:25

Tgt Ion: 96 Resp: 1652

Ion	Ratio	Lower	Upper
96	100		
61	353.8	113.2	210.2#
63	1590.1	66.6	123.8#

Instrument :
MSVOA_V
ClientSampleId :



#17

Methyl tert-butyl Ether

Concen: 0.725 ug/L

RT: 2.773 min Scan# 539

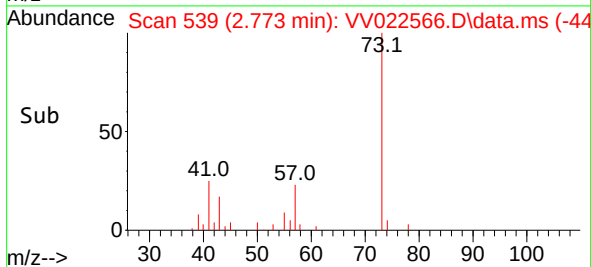
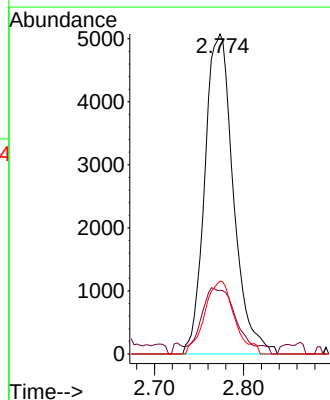
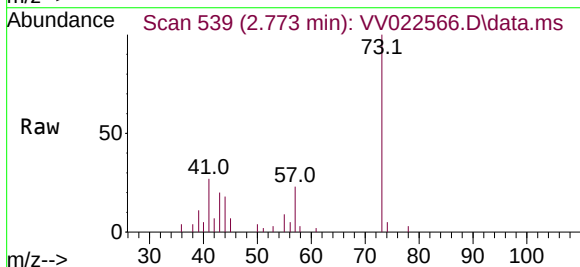
Delta R.T. 0.006 min

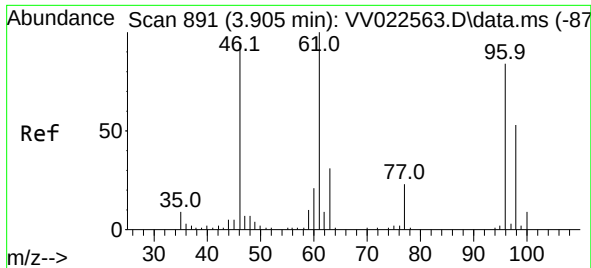
Lab File: VV022566.D

Acq: 05 Oct 2021 11:25

Tgt Ion: 73 Resp: 11305

Ion	Ratio	Lower	Upper
73	100		
43	20.5	16.3	24.5
57	23.5	17.5	26.3

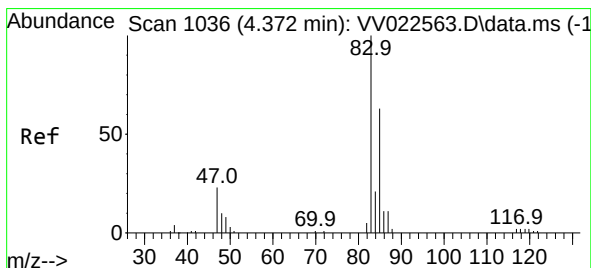
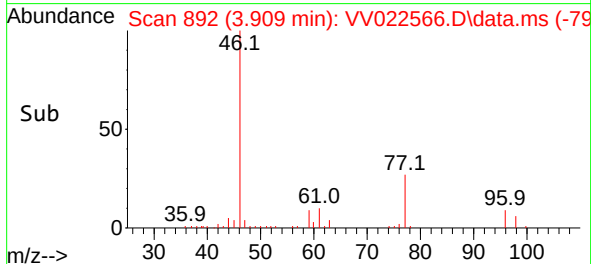
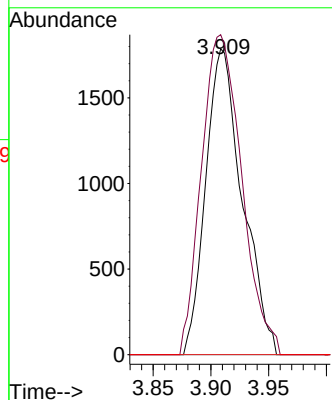
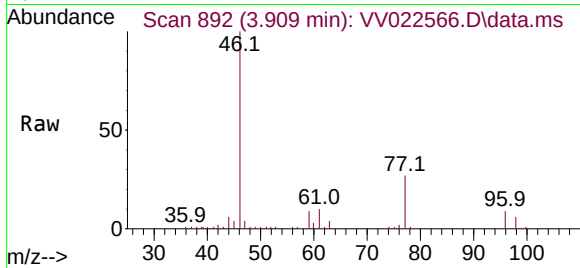




#22
cis-1,2-Dichloroethene
Concen: 0.544 ug/L
RT: 3.909 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV022566.D
Acq: 05 Oct 2021 11:25

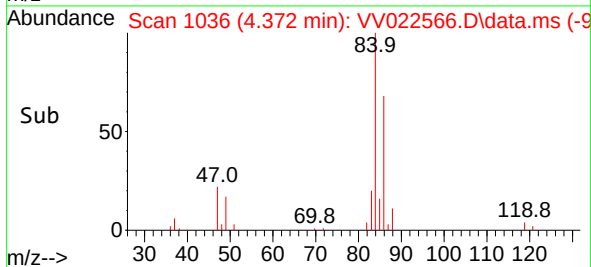
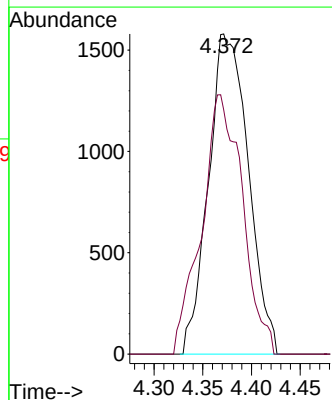
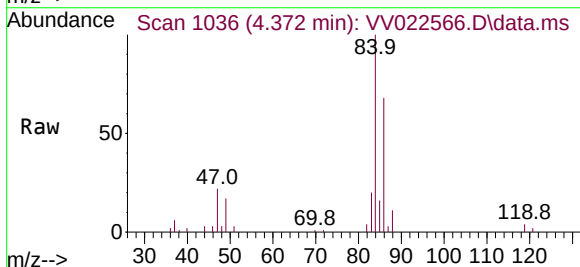
Instrument :
MSVOA_V
ClientSampled :

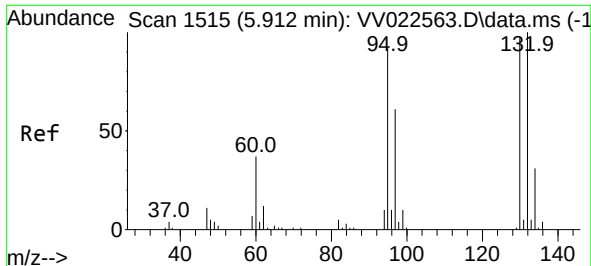
Tgt Ion: 96 Resp: 3949
Ion Ratio Lower Upper
96 100
61 104.6 85.6 159.0
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.343 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VV022566.D
Acq: 05 Oct 2021 11:25

Tgt Ion: 83 Resp: 4496
Ion Ratio Lower Upper
83 100
85 76.3 45.6 84.8



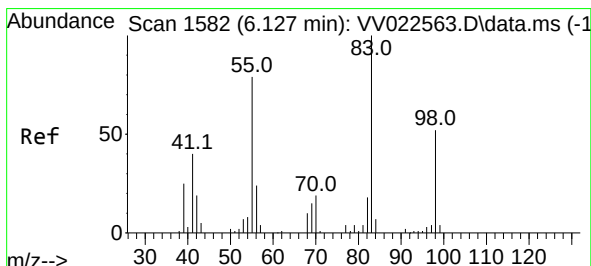
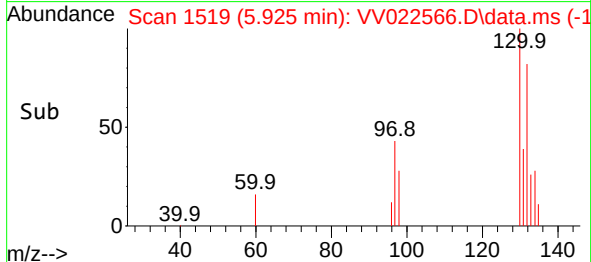
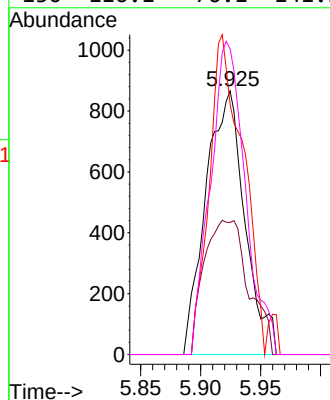
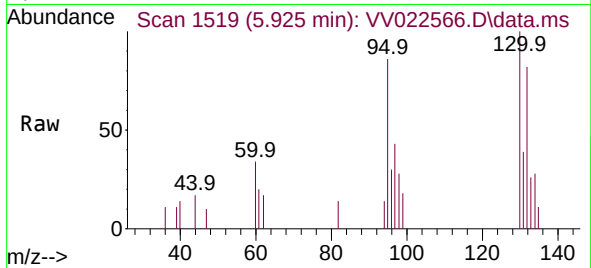


#34
Trichloroethene
Concen: 0.259 ug/L
RT: 5.925 min Scan# 1519
Delta R.T. 0.013 min
Lab File: VV022566.D
Acq: 05 Oct 2021 11:25

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 95 Resp: 1963

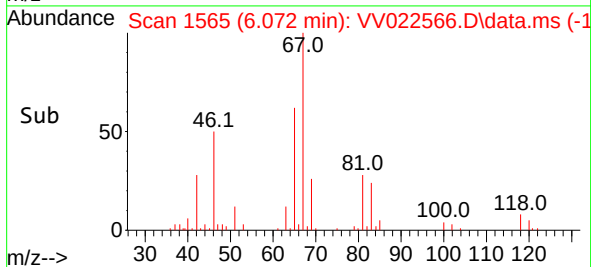
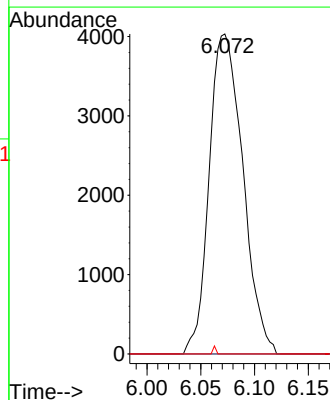
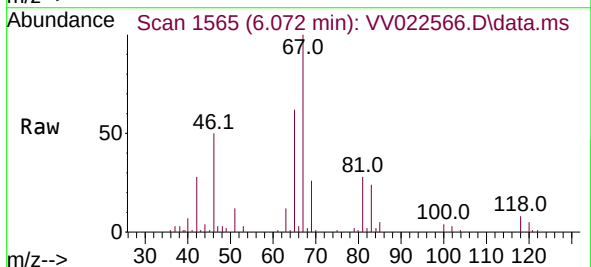
Ion	Ratio	Lower	Upper
95	100		
97	50.1	46.5	86.5
132	94.9	73.0	135.6
130	116.1	76.1	141.3

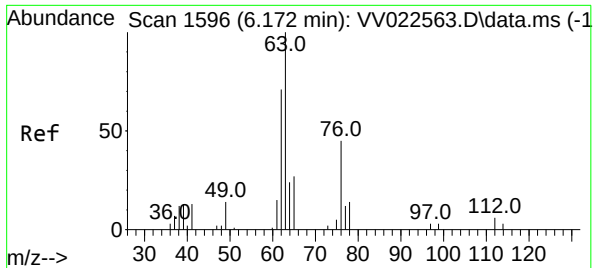


#35
Methylcyclohexane
Concen: 0.827 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV022566.D
Acq: 05 Oct 2021 11:25

Tgt Ion: 83 Resp: 8784

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.8#
98	0.2	39.8	59.8#



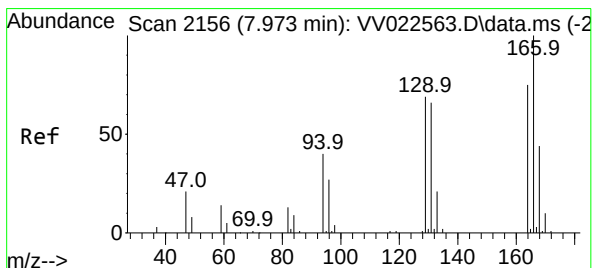
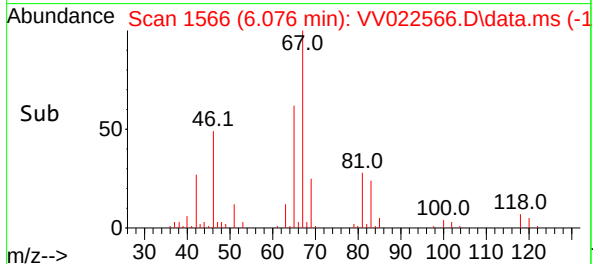
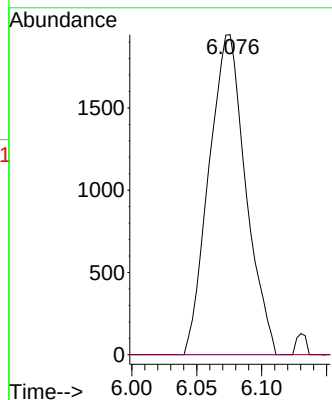
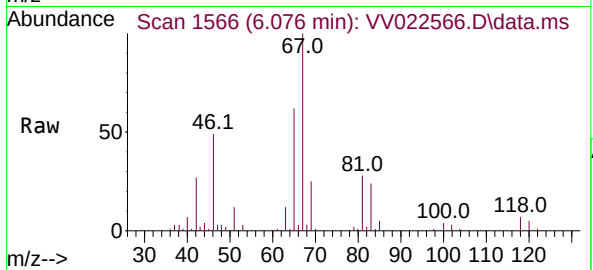


#37

1,2-Dichloropropane
Concen: 0.603 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.096 min
Lab File: VV022566.D
Acq: 05 Oct 2021 11:25

Instrument :
MSVOA_V
ClientSampled :

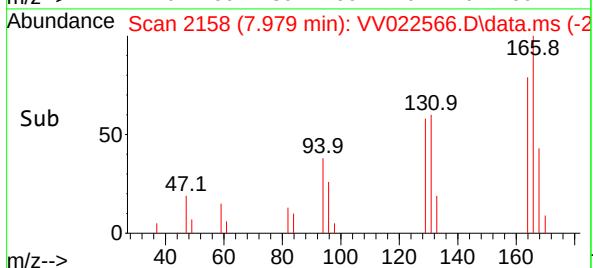
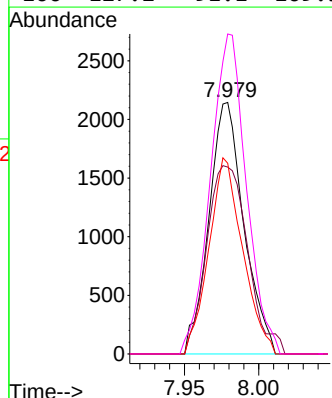
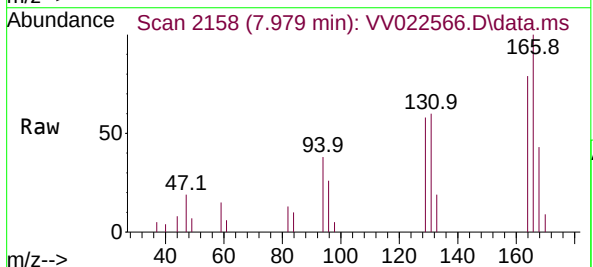
Tgt Ion: 63 Resp: 3837
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#

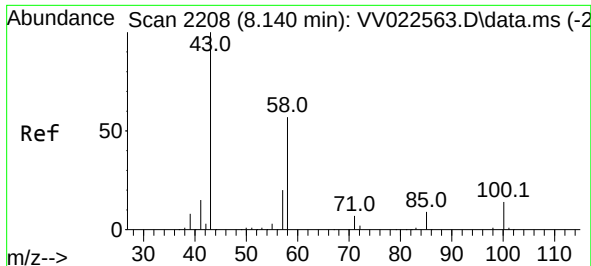


#47

Tetrachloroethene
Concen: 0.597 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV022566.D
Acq: 05 Oct 2021 11:25

Tgt Ion: 164 Resp: 3518
Ion Ratio Lower Upper
164 100
129 74.3 65.5 121.6
131 75.8 62.4 116.0
166 127.2 91.1 169.3

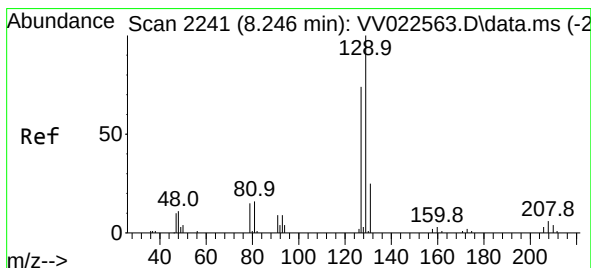
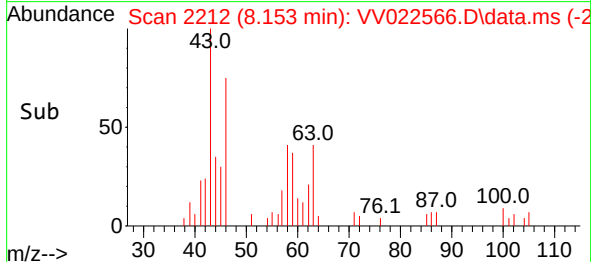
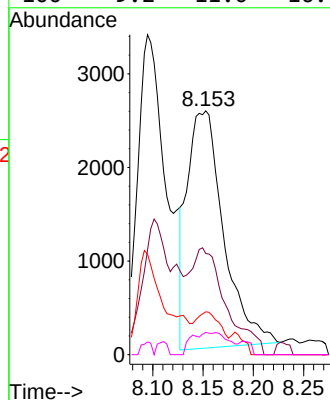
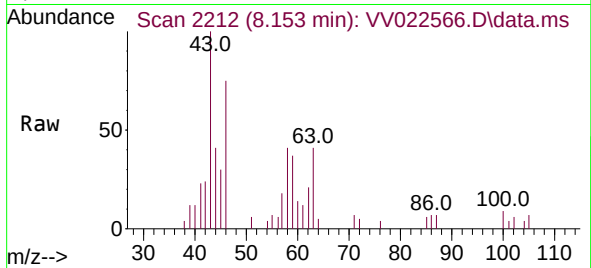




#48
2-Hexanone
Concen: 2.534 ug/L
RT: 8.153 min Scan# 2212
Delta R.T. 0.013 min
Lab File: VV022566.D
Acq: 05 Oct 2021 11:25

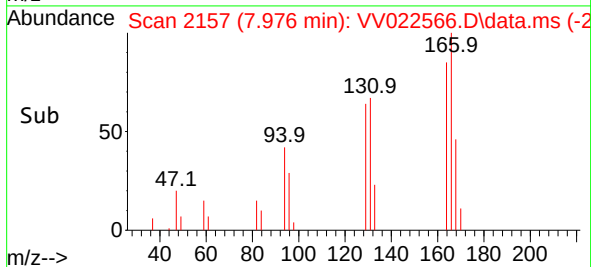
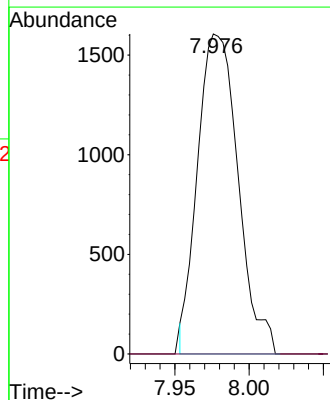
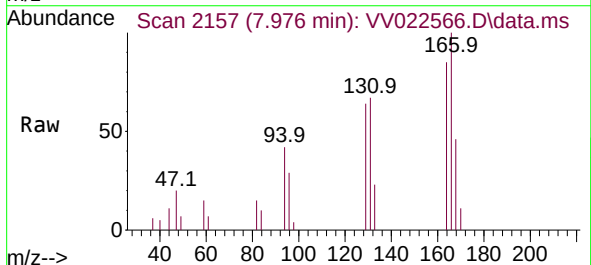
Instrument :
MSVOA_V
ClientSampled :

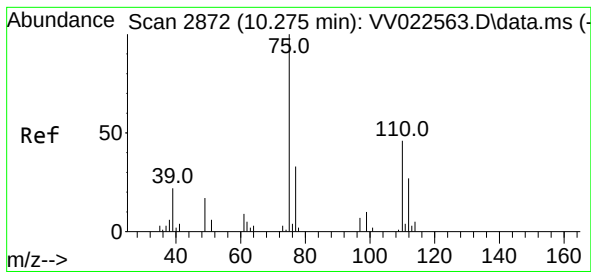
Tgt Ion:	43	Resp:	6389
Ion	Ratio	Lower	Upper
43	100		
58	42.7	46.4	69.6#
57	12.0	16.3	24.5#
100	9.2	11.0	16.6#



#49
Dibromochloromethane
Concen: 0.544 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV022566.D
Acq: 05 Oct 2021 11:25

Tgt Ion:	129	Resp:	3049
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.418 ug/L
 RT: 11.252 min Scan# 3176
 Delta R.T. 0.977 min
 Lab File: VV022566.D
 Acq: 05 Oct 2021 11:25

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 4597
 Ion Ratio Lower Upper
 75 100
 77 35.7 26.1 39.1
 110 1.0 33.0 49.6#

