

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
 Data File : VV022985.D
 Acq On : 22 Oct 2021 13:06
 Operator : SY/MD
 Sample : VV1022WBL02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 01:28:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 01:14:46 2021
 Response via : Initial Calibration

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

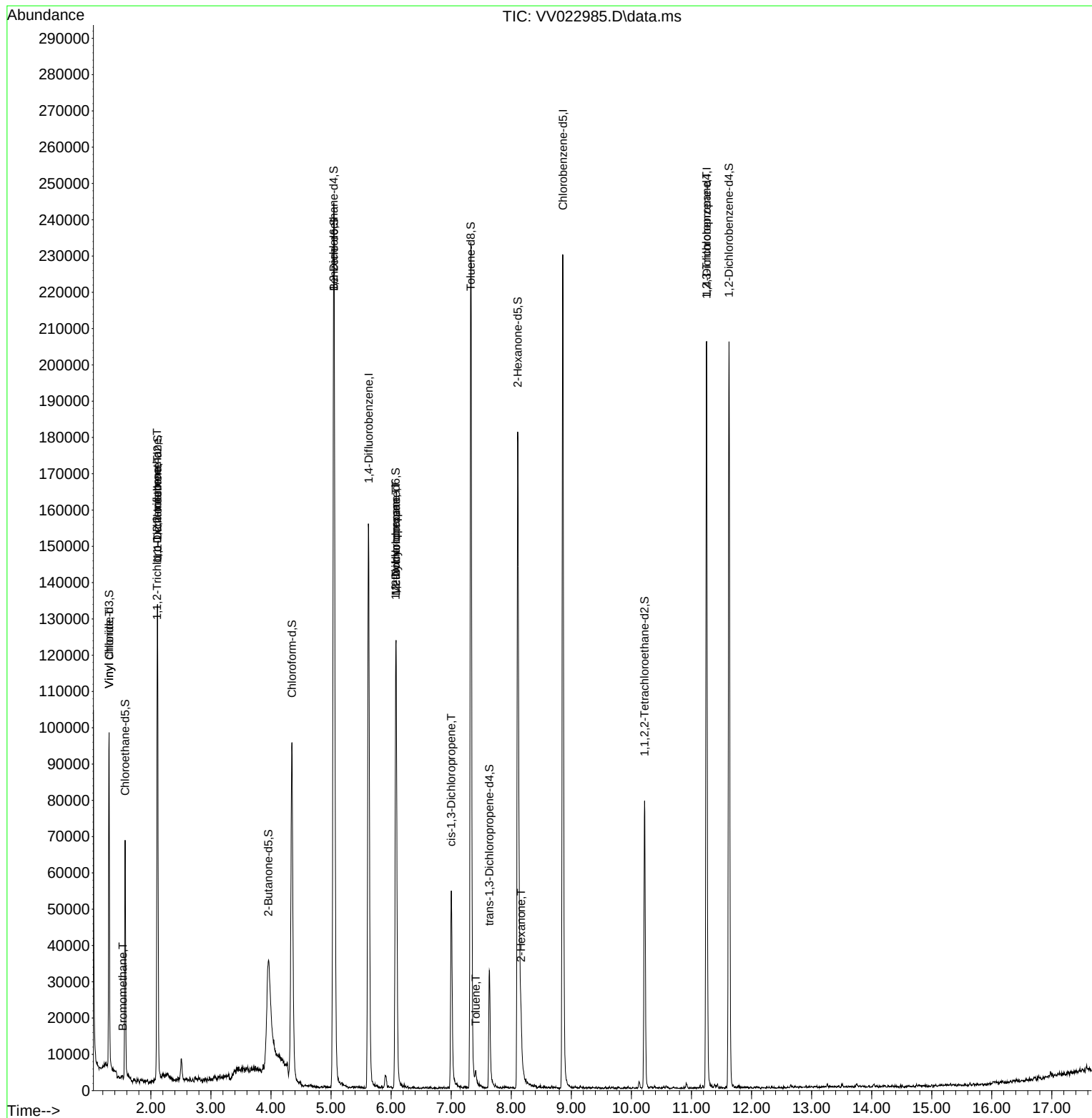
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	134128	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.860	117	132464	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	56293	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	58555	4.996	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.000%	
7) Chloroethane-d5	1.571	69	38014	5.243	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.800%	
11) 1,1-Dichloroethene-d2	2.111	63	67914	4.017	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.400%	
20) 2-Butanone-d5	3.957	46	98306	52.287	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.580%	
24) Chloroform-d	4.349	84	86302	4.529	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
26) 1,2-Dichloroethane-d4	5.043	65	45486	5.064	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.200%	
32) Benzene-d6	5.050	84	201812	5.218	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.400%	
36) 1,2-Dichloropropane-d6	6.079	67	60860	5.112	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.200%	
41) Toluene-d8	7.326	98	156845	4.515	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
43) trans-1,3-Dichloroprop...	7.635	79	19182	4.599	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.000%	
46) 2-Hexanone-d5	8.108	63	67768	43.882	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.760%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	38560	4.691	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	55312	5.507	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.304	62	392	0.041	ug/L #	1
6) Bromomethane	1.532	94	271	0.056	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	748	0.102	ug/L #	20
12) 1,1-Dichloroethene	2.108	96	541	0.079	ug/L #	1
35) Methylcyclohexane	6.082	83	14706	1.147	ug/L #	18
37) 1,2-Dichloropropane	6.082	63	6633	0.738	ug/L #	83
39) cis-1,3-Dichloropropene	7.002	75	1273	0.114	ug/L #	41
42) Toluene	7.410	91	2534	0.070	ug/L	89
48) 2-Hexanone	8.162	43	4014	1.278	ug/L #	93
61) 1,2,3-Trichloropropane	11.249	75	5980	1.509	ug/L #	66

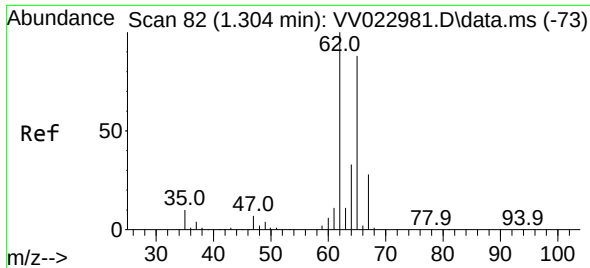
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 23 01:28:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 23 01:14:46 2021
Response via : Initial Calibration

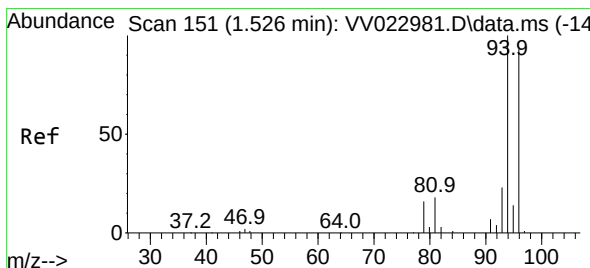
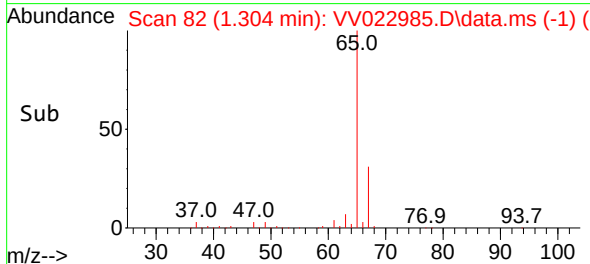
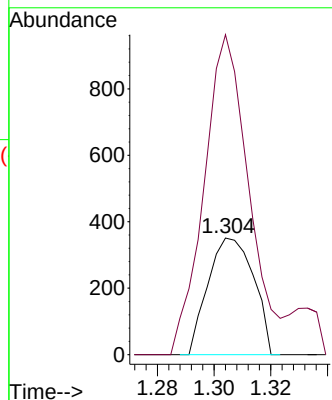
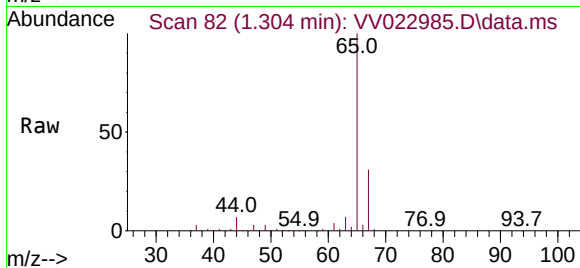




#5
 Vinyl chloride
 Concen: 0.041 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV022985.D
 Acq: 22 Oct 2021 13:06

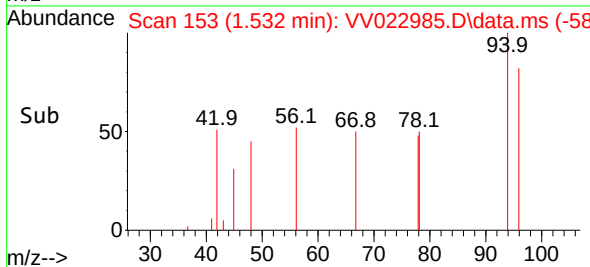
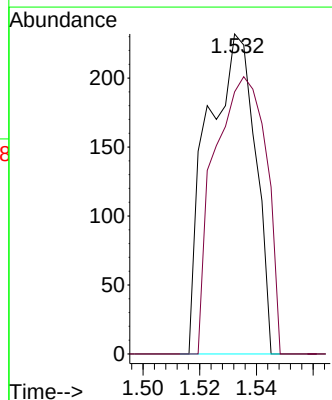
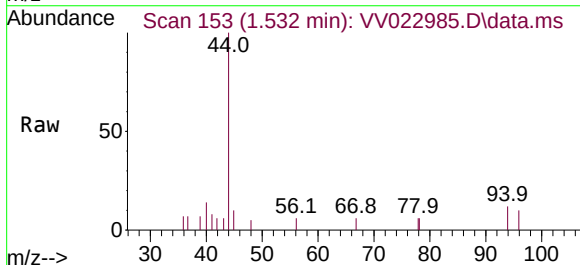
Instrument :
 MSVOA_V
 ClientSampleId :

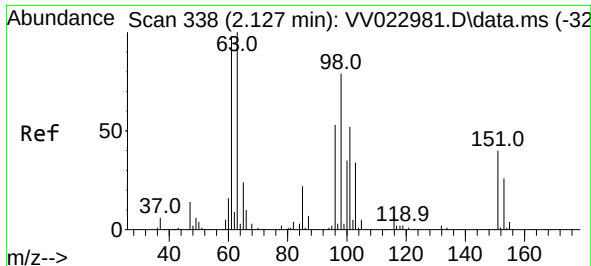
Tgt Ion: 62 Resp: 392
 Ion Ratio Lower Upper
 62 100
 64 274.4 23.1 42.9#



#6
 Bromomethane
 Concen: 0.056 ug/L
 RT: 1.532 min Scan# 153
 Delta R.T. 0.006 min
 Lab File: VV022985.D
 Acq: 22 Oct 2021 13:06

Tgt Ion: 94 Resp: 271
 Ion Ratio Lower Upper
 94 100
 96 81.9 65.0 120.8

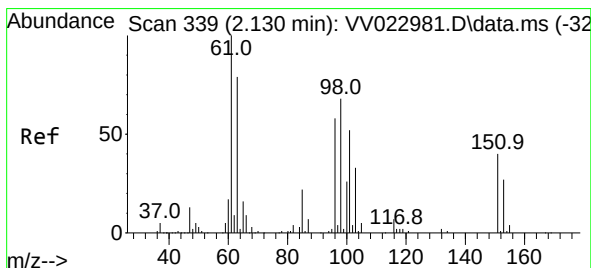
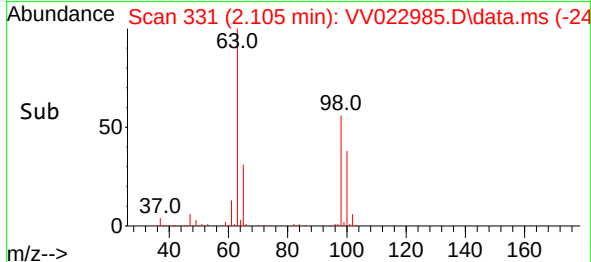
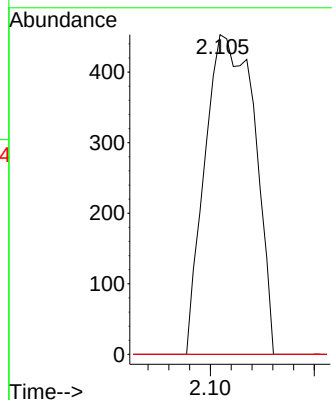
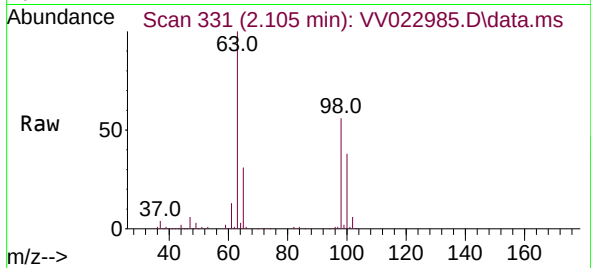




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.102 ug/L
 RT: 2.105 min Scan# 31
 Delta R.T. -0.022 min
 Lab File: VV022985.D
 Acq: 22 Oct 2021 13:06

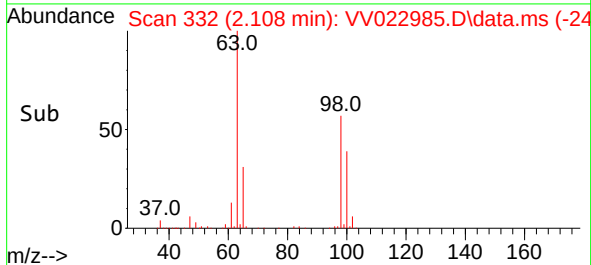
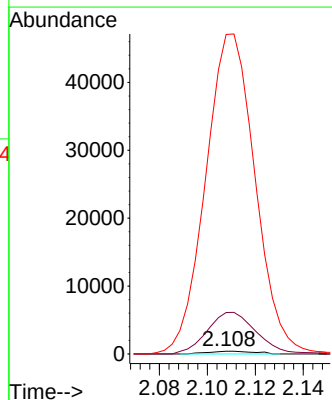
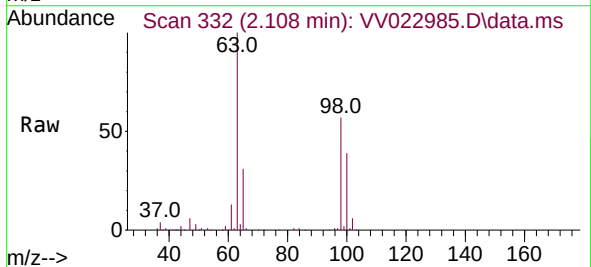
Instrument :
 MSVOA_V
 ClientSampleId :

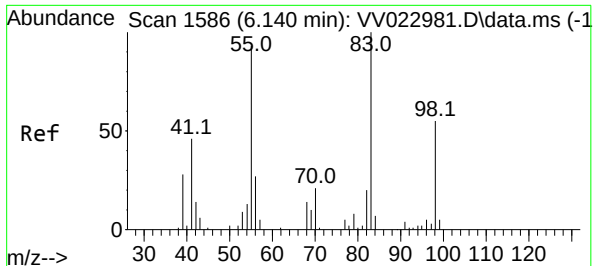
Tgt Ion:101 Resp: 748
 Ion Ratio Lower Upper
 101 100
 85 2.8 35.3 52.9#
 151 0.0 62.2 93.2#



#12
 1,1-Dichloroethene
 Concen: 0.079 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.022 min
 Lab File: VV022985.D
 Acq: 22 Oct 2021 13:06

Tgt Ion: 96 Resp: 541
 Ion Ratio Lower Upper
 96 100
 61 1503.0 121.5 225.7#
 63 11590.1 99.6 185.0#

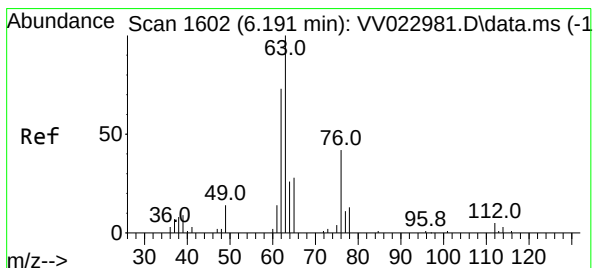
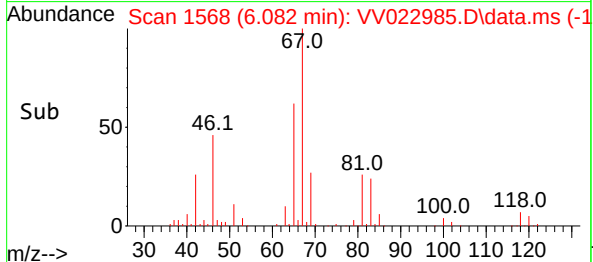
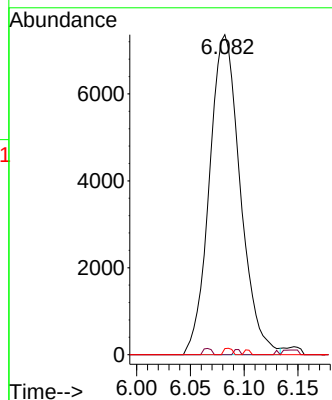
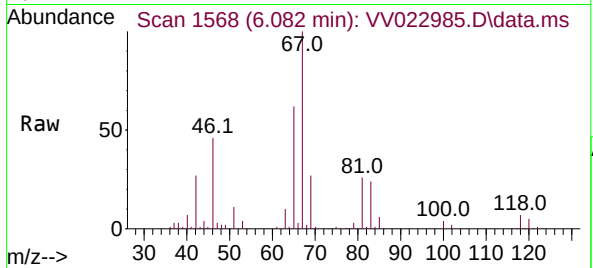




#35
Methylcyclohexane
Concen: 1.147 ug/L
RT: 6.082 min Scan# 1568
Delta R.T. -0.058 min
Lab File: VV022985.D
Acq: 22 Oct 2021 13:06

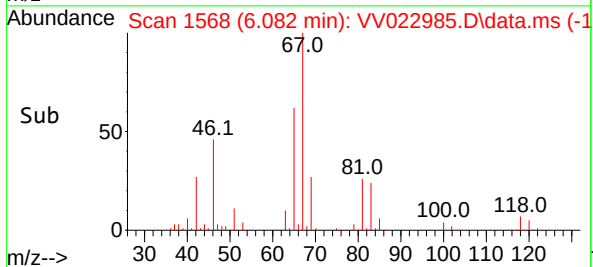
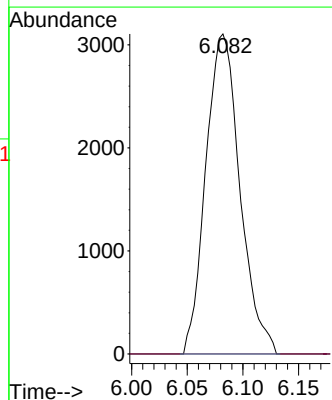
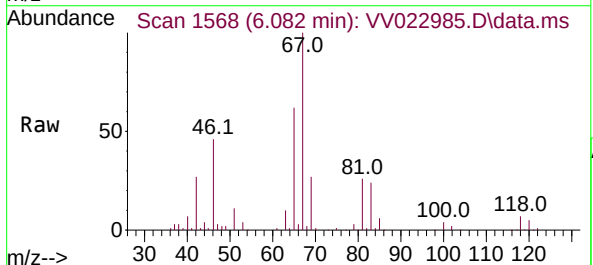
Instrument :
MSVOA_V
ClientSampleId :

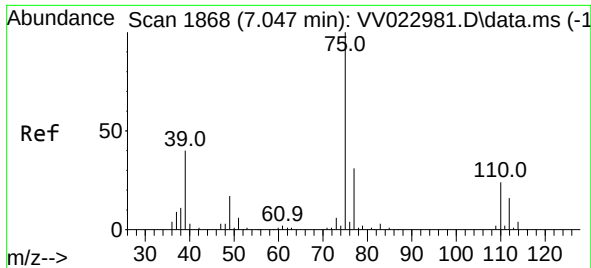
Tgt Ion: 83 Resp: 14706
Ion Ratio Lower Upper
83 100
55 0.5 62.8 94.2#
98 0.5 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.738 ug/L
RT: 6.082 min Scan# 1568
Delta R.T. -0.109 min
Lab File: VV022985.D
Acq: 22 Oct 2021 13:06

Tgt Ion: 63 Resp: 6633
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 7.002 min Scan# 1854

Delta R.T. -0.045 min

Lab File: VV022985.D

Acq: 22 Oct 2021 13:06

Instrument :

MSVOA_V

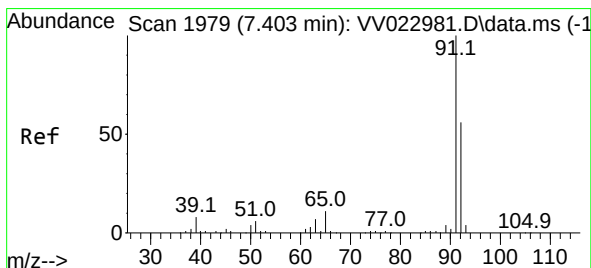
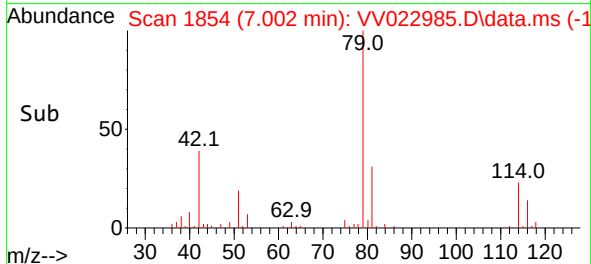
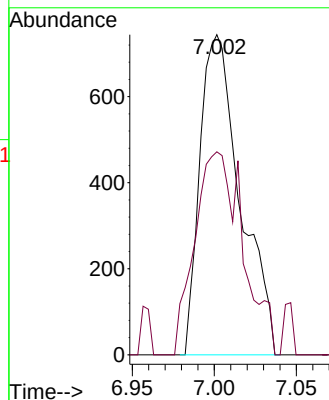
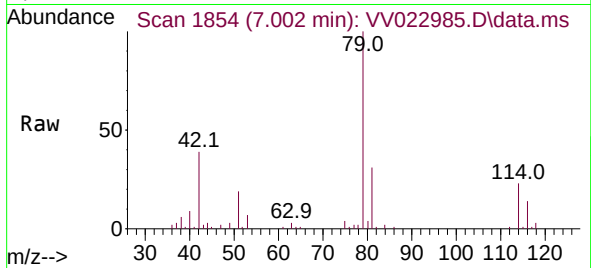
ClientSampleId :

Tgt Ion: 75 Resp: 1273

Ion Ratio Lower Upper

75 100

77 63.4 21.6 40.2#



#42

Toluene

Concen: 0.070 ug/L

RT: 7.410 min Scan# 1981

Delta R.T. 0.006 min

Lab File: VV022985.D

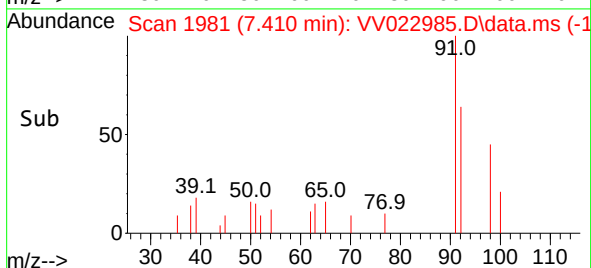
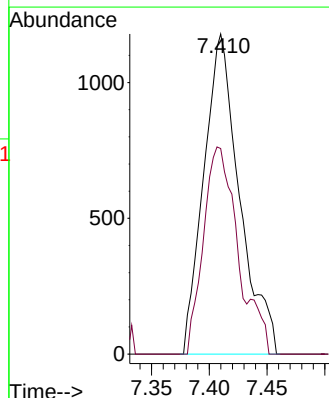
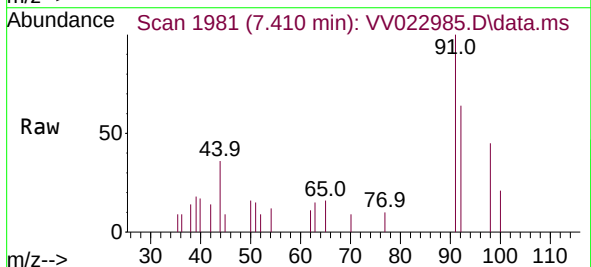
Acq: 22 Oct 2021 13:06

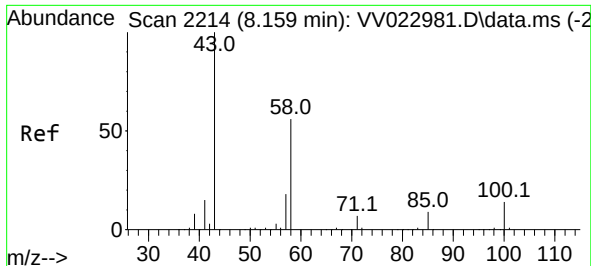
Tgt Ion: 91 Resp: 2534

Ion Ratio Lower Upper

91 100

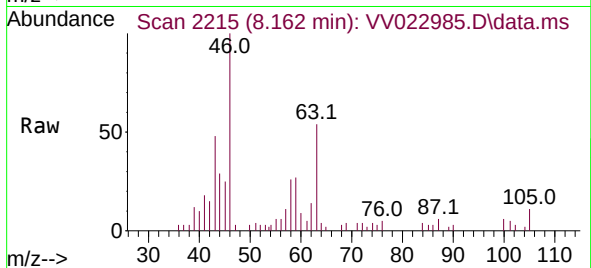
92 64.2 39.3 72.9



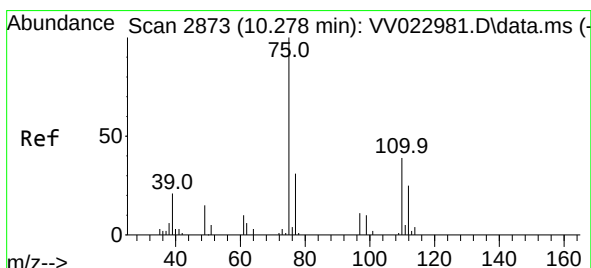
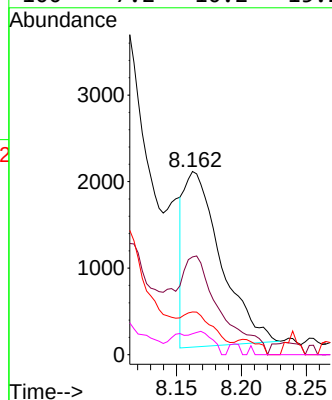
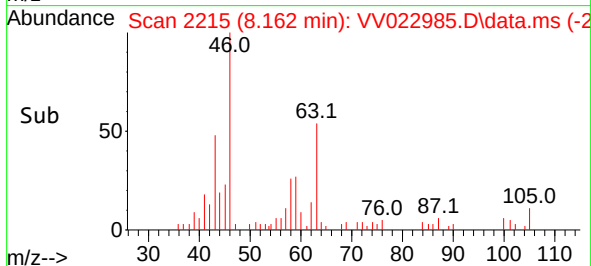


#48
2-Hexanone
Concen: 1.278 ug/L
RT: 8.162 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV022985.D
Acq: 22 Oct 2021 13:06

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 4014
Ion Ratio Lower Upper
43 100
58 58.2 43.7 65.5
57 20.3 14.1 21.1
100 7.2 10.2 15.2#



#61
1,2,3-Trichloropropane
Concen: 1.509 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.971 min
Lab File: VV022985.D
Acq: 22 Oct 2021 13:06

Tgt Ion: 75 Resp: 5980
Ion Ratio Lower Upper
75 100
77 30.8 26.6 39.8
110 3.4 31.8 47.6#

