

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112621\
 Data File : VW023731.D
 Acq On : 26 Nov 2021 17:22
 Operator : SY/MD
 Sample : M4821-13DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 03:55:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 27 03:48:32 2021
 Response via : Initial Calibration

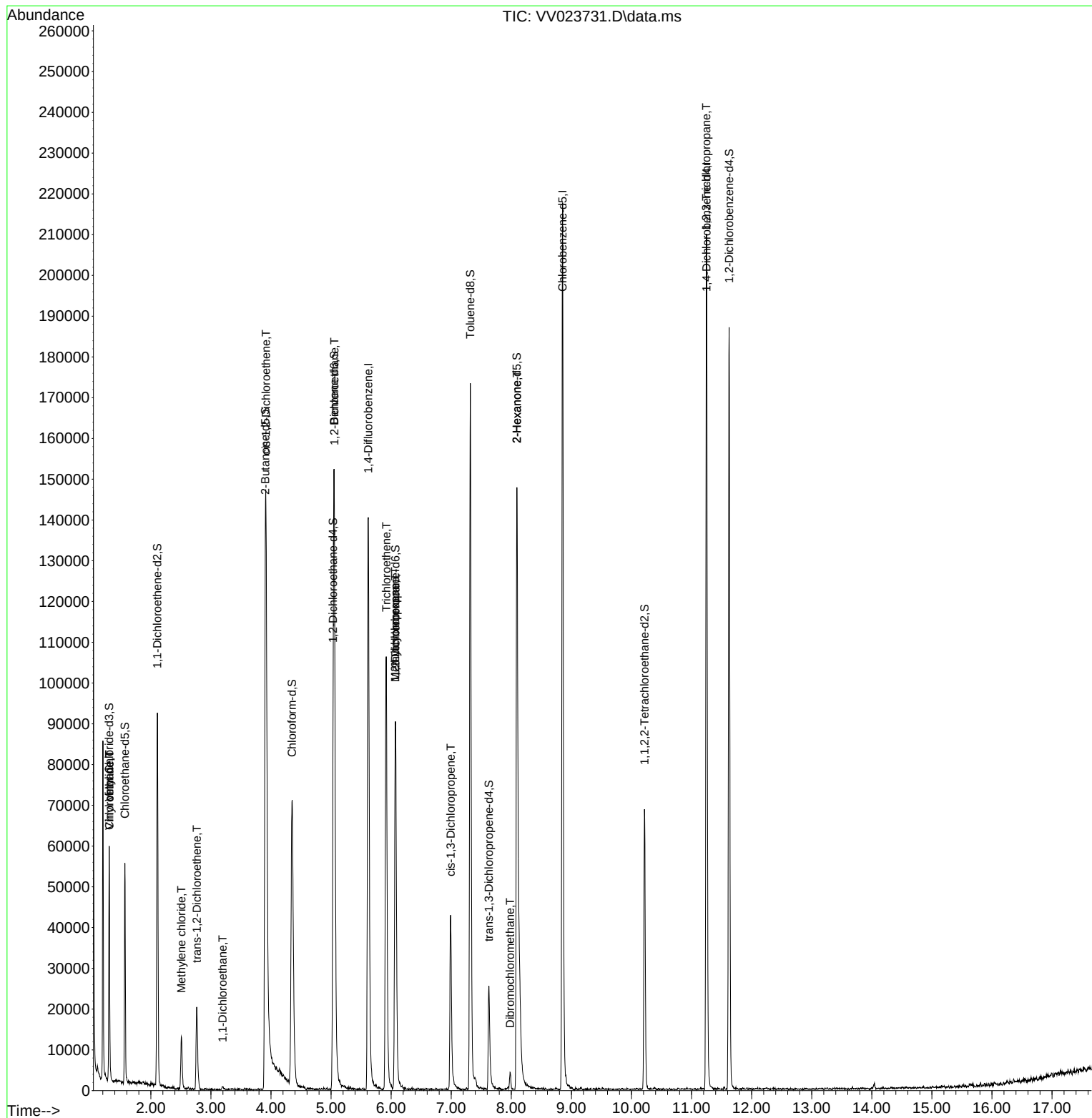
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	124405	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	123976	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57477	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	32492	3.182	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.600%	
7) Chloroethane-d5	1.568	69	30887	3.848	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.000%	
11) 1,1-Dichloroethene-d2	2.108	63	46719	2.596	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	52.000%#	
20) 2-Butanone-d5	3.905	46	61029	49.709	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.420%	
24) Chloroform-d	4.349	84	72138	4.056	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.200%	
26) 1,2-Dichloroethane-d4	5.034	65	38416	4.624	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
32) Benzene-d6	5.050	84	137500	4.072	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.400%	
36) 1,2-Dichloropropane-d6	6.072	67	43461	4.590	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.800%	
41) Toluene-d8	7.317	98	117128	3.712	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.200%	
43) trans-1,3-Dichloroprop...	7.625	79	16147	4.231	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.600%	
46) 2-Hexanone-d5	8.091	63	66492	52.439	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.880%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31500	4.623	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	48653	4.788	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	4079	0.379	ug/L #	78
8) Chloroethane	1.310	64	2034	0.298	ug/L	84
16) Methylene chloride	2.510	84	5183	0.436	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	7664	0.807	ug/L	89
19) 1,1-Dichloroethane	3.194	63	902	0.057	ug/L #	71
22) cis-1,2-Dichloroethene	3.915	96	74376	8.169	ug/L	98
27) 1,2-Dichloroethane	5.053	62	925	0.098	ug/L #	73
34) Trichloroethene	5.918	95	36994	3.907	ug/L	96
35) Methylcyclohexane	6.069	83	11715	0.794	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	4872	0.580	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1378	0.115	ug/L	97
48) 2-Hexanone	8.095	43	6938	2.341	ug/L #	72
49) Dibromochloromethane	7.982	129	870	0.109	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	5646	1.385	ug/L #	58

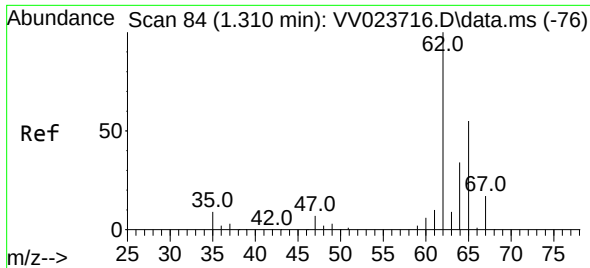
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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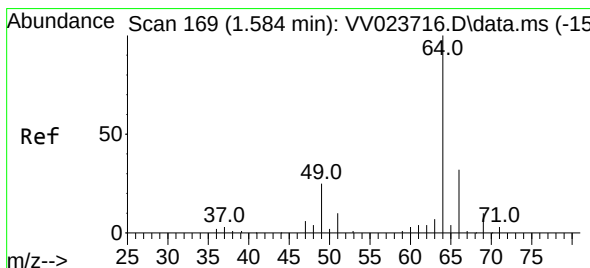
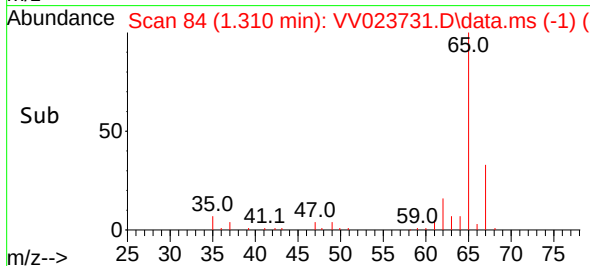
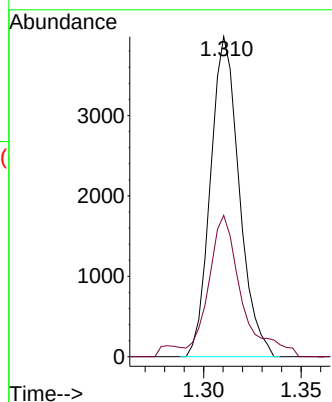
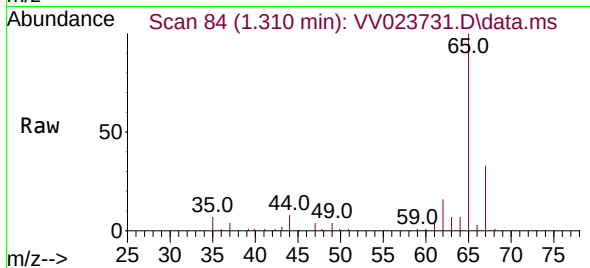




#5
 Vinyl chloride
 Concen: 0.379 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023731.D
 Acq: 26 Nov 2021 17:22

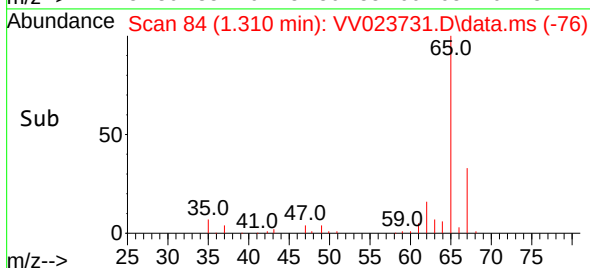
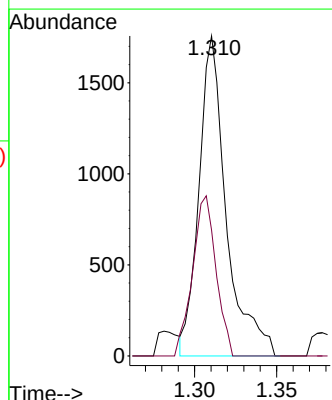
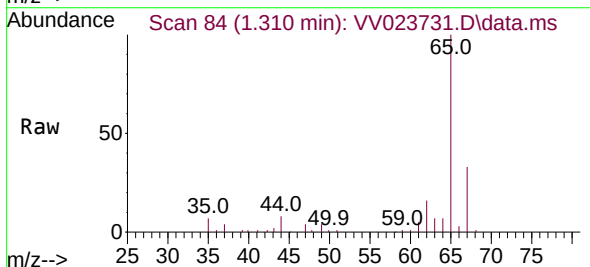
Instrument :
 MSVOA_V
 ClientSampleId :

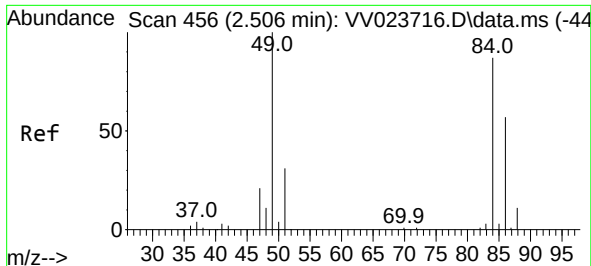
Tgt Ion: 62 Resp: 4079
 Ion Ratio Lower Upper
 62 100
 64 44.1 22.4 41.6#



#8
 Chloroethane
 Concen: 0.298 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.273 min
 Lab File: VV023731.D
 Acq: 26 Nov 2021 17:22

Tgt Ion: 64 Resp: 2034
 Ion Ratio Lower Upper
 64 100
 66 39.3 21.4 39.8

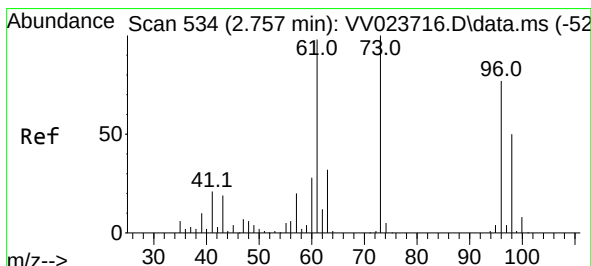
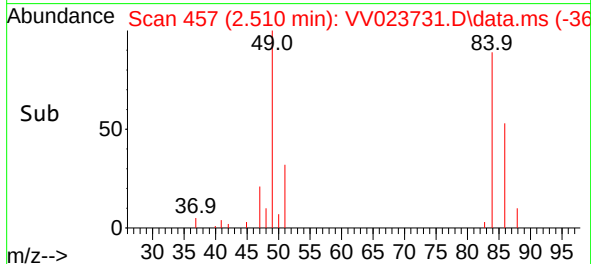
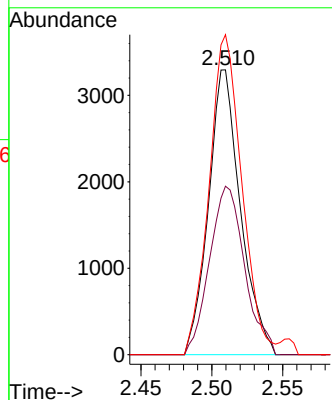
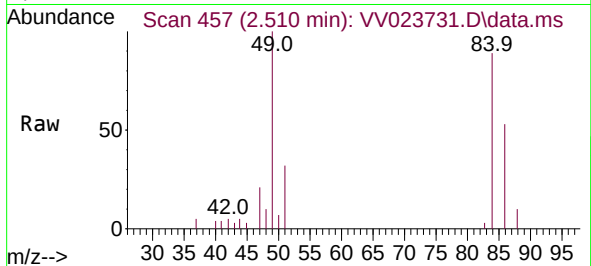




#16
Methylene chloride
Concen: 0.436 ug/L
RT: 2.510 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV023731.D
Acq: 26 Nov 2021 17:22

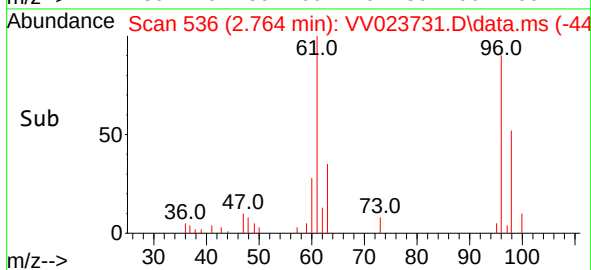
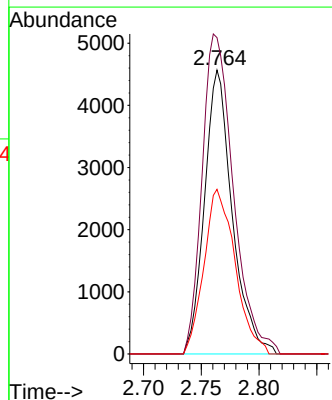
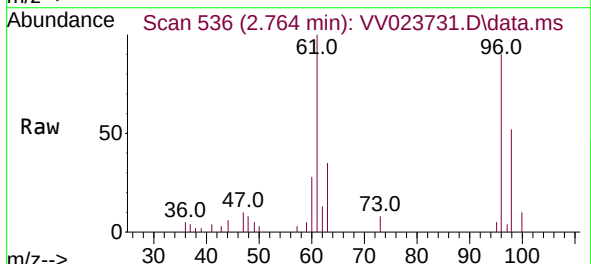
Instrument :
MSVOA_V
ClientSampleId :

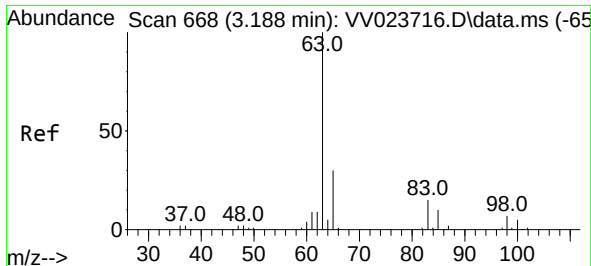
Tgt Ion: 84 Resp: 5183
Ion Ratio Lower Upper
84 100
86 59.2 42.6 79.0
49 112.4 79.7 147.9



#18
trans-1,2-Dichloroethene
Concen: 0.807 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV023731.D
Acq: 26 Nov 2021 17:22

Tgt Ion: 96 Resp: 7664
Ion Ratio Lower Upper
96 100
61 111.4 88.2 163.8
98 58.0 44.9 83.5





#19

1,1-Dichloroethane

Concen: 0.057 ug/L

RT: 3.194 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV023731.D

Acq: 26 Nov 2021 17:22

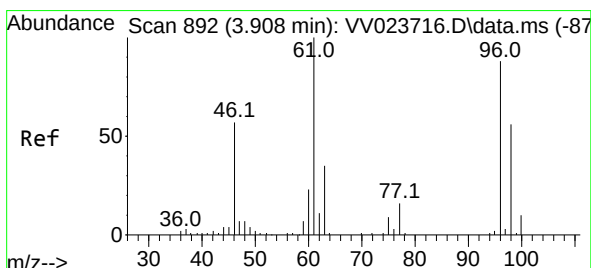
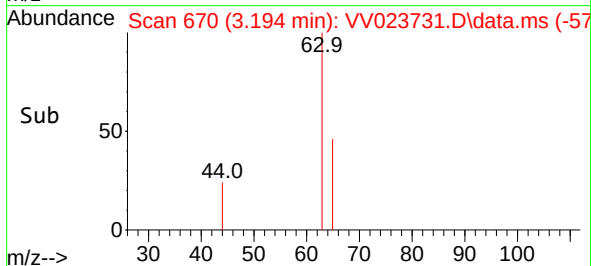
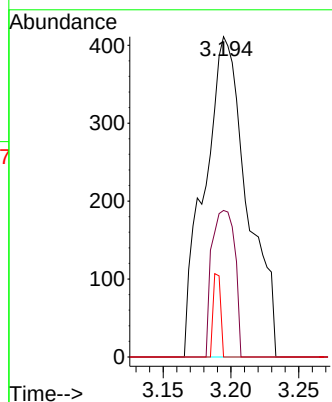
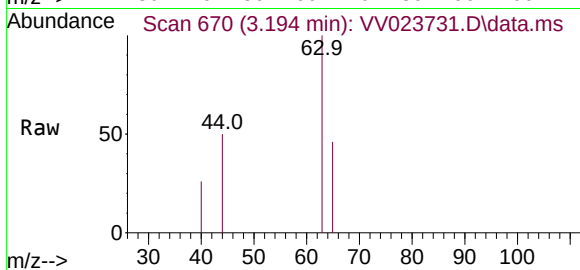
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63 Resp: 902

Ion	Ratio	Lower	Upper
63	100		
65	45.7	22.3	41.3#
83	0.0	10.7	19.9#



#22

cis-1,2-Dichloroethene

Concen: 8.169 ug/L

RT: 3.915 min Scan# 894

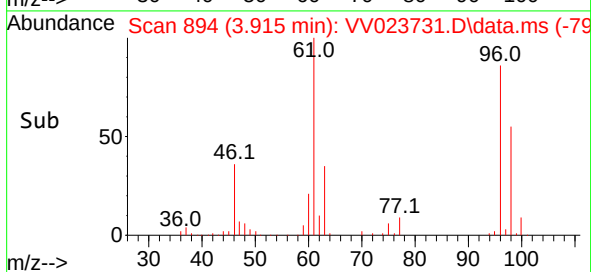
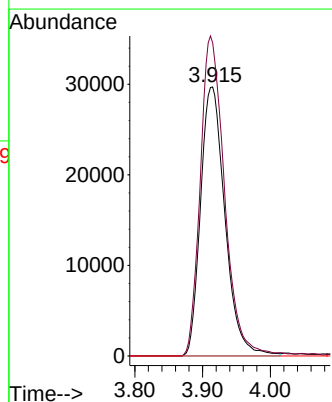
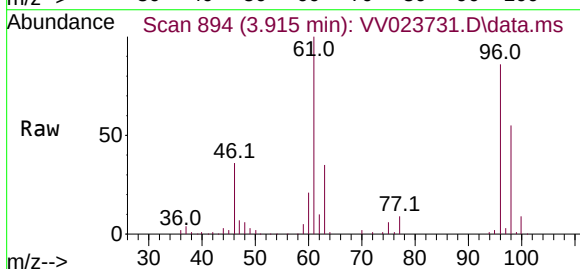
Delta R.T. 0.006 min

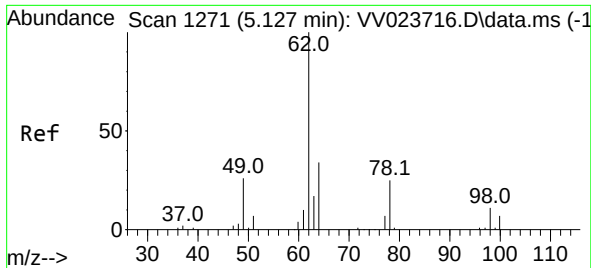
Lab File: VV023731.D

Acq: 26 Nov 2021 17:22

Tgt Ion: 96 Resp: 74376

Ion	Ratio	Lower	Upper
96	100		
61	116.4	83.4	154.8
68	0.0	0.0	0.0





#27

1,2-Dichloroethane

Concen: 0.098 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.074 min

Lab File: VV023731.D

Acq: 26 Nov 2021 17:22

Instrument :

MSVOA_V

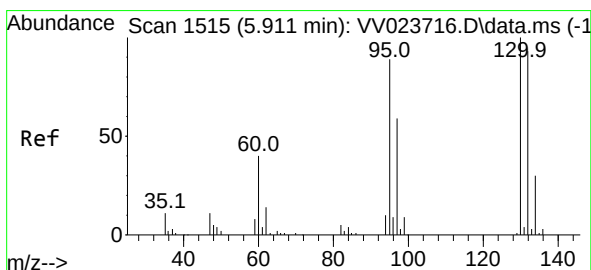
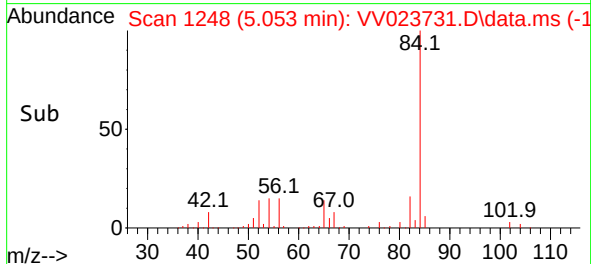
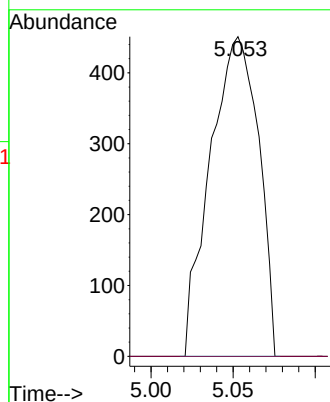
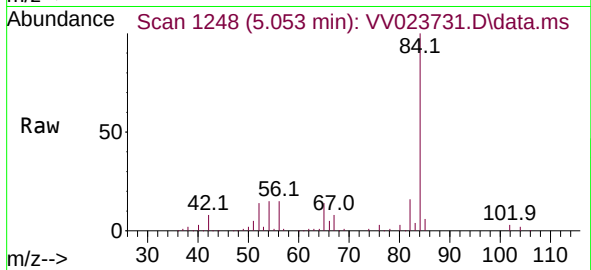
ClientSampleId :

Tgt Ion: 62 Resp: 925

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#34

Trichloroethene

Concen: 3.907 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VV023731.D

Acq: 26 Nov 2021 17:22

Tgt Ion: 95 Resp: 36994

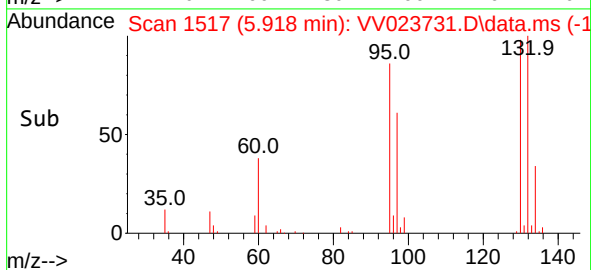
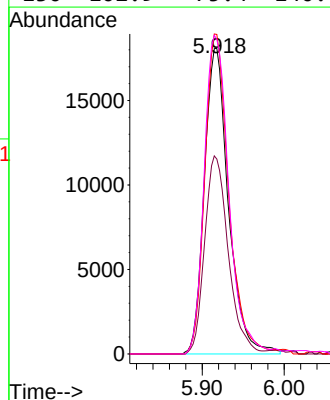
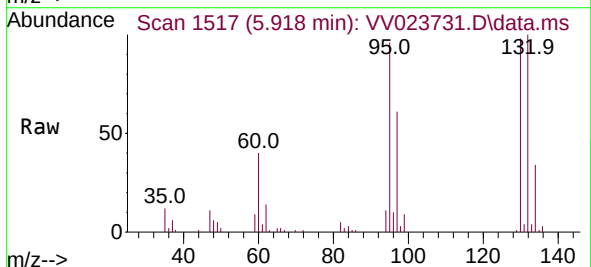
Ion Ratio Lower Upper

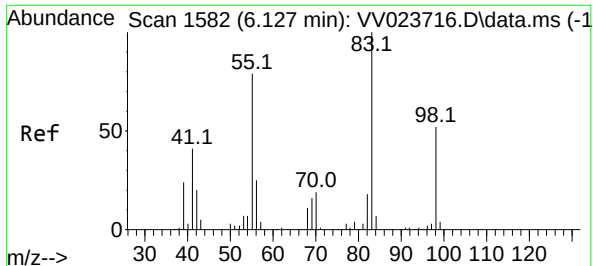
95 100

97 63.8 45.2 84.0

132 104.6 76.1 141.3

130 102.9 75.4 140.0





#35

Methylcyclohexane

Concen: 0.794 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV023731.D

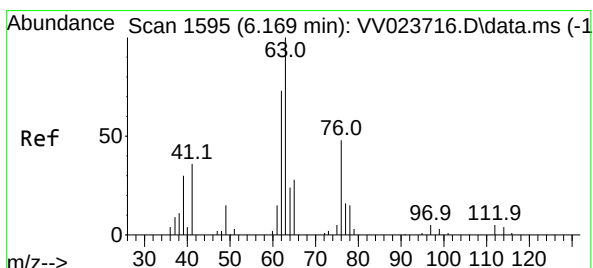
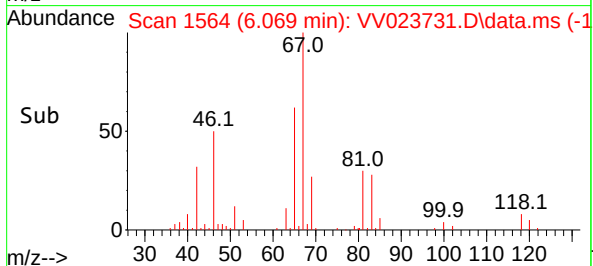
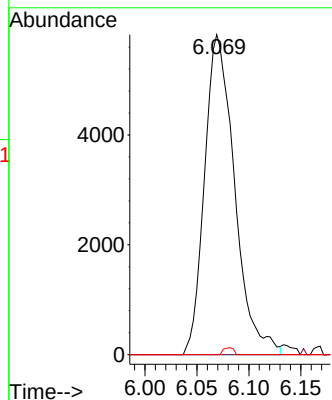
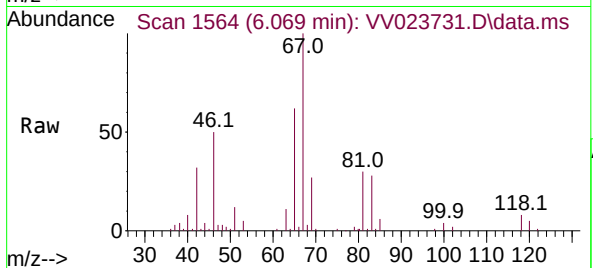
Acq: 26 Nov 2021 17:22

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 11715
Ion Ratio	Lower Upper
83 100	
55 0.2	60.2 90.2#
98 0.7	41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.580 ug/L

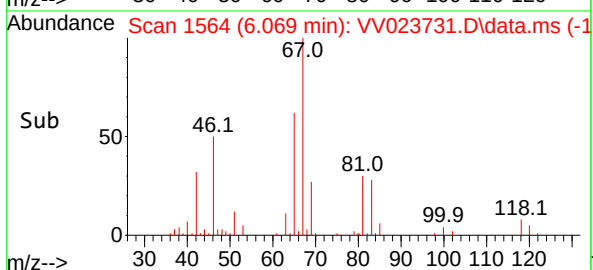
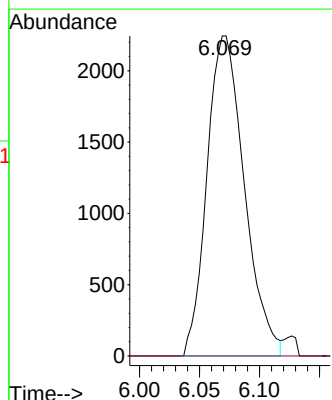
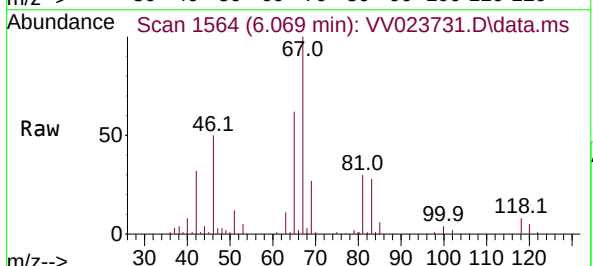
RT: 6.069 min Scan# 1564

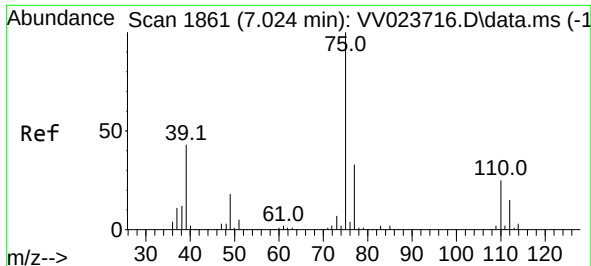
Delta R.T. -0.100 min

Lab File: VV023731.D

Acq: 26 Nov 2021 17:22

Tgt Ion: 63	Resp: 4872
Ion Ratio	Lower Upper
63 100	
112 0.0	4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV023731.D

Acq: 26 Nov 2021 17:22

Instrument :

MSVOA_V

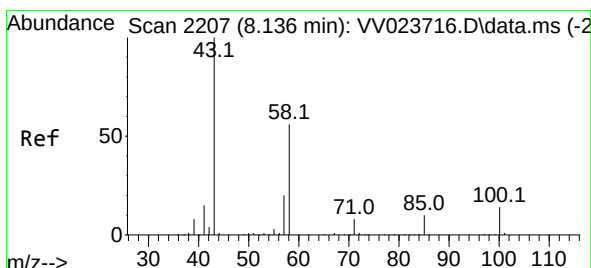
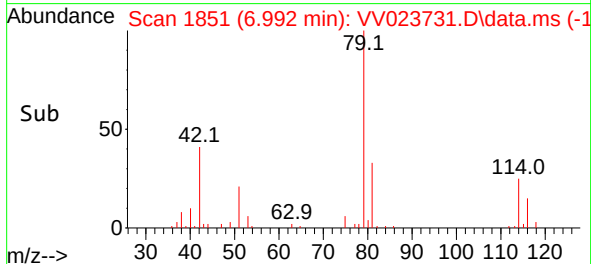
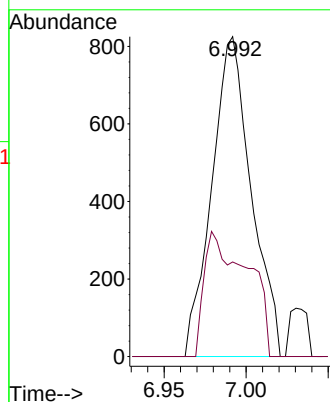
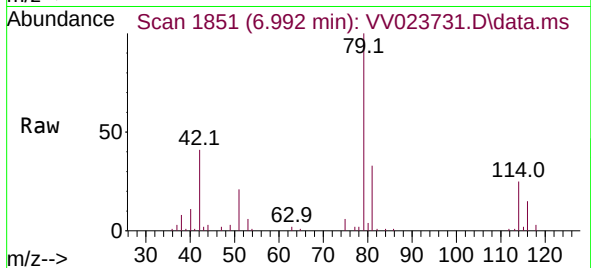
ClientSampleId :

Tgt Ion: 75 Resp: 1378

Ion Ratio Lower Upper

75 100

77 29.6 22.0 41.0



#48

2-Hexanone

Concen: 2.341 ug/L

RT: 8.095 min Scan# 2194

Delta R.T. -0.042 min

Lab File: VV023731.D

Acq: 26 Nov 2021 17:22

Tgt Ion: 43 Resp: 6938

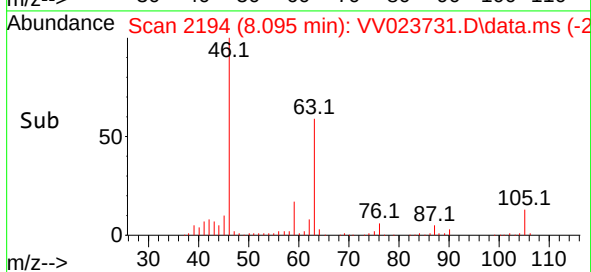
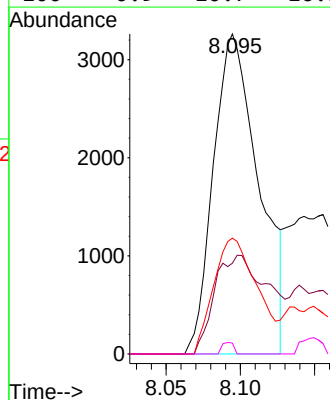
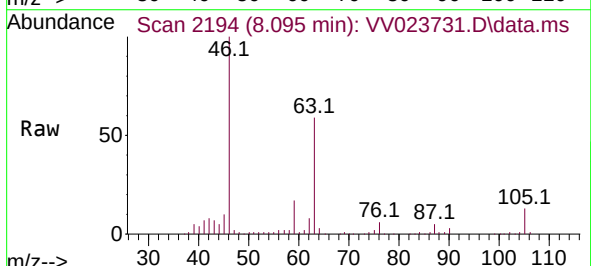
Ion Ratio Lower Upper

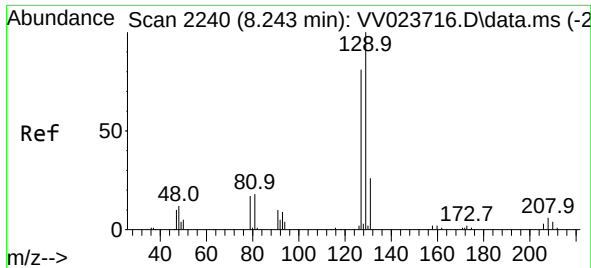
43 100

58 36.9 44.5 66.7#

57 34.4 15.1 22.7#

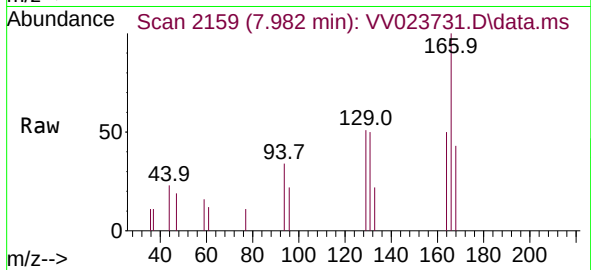
100 0.9 10.7 16.1#



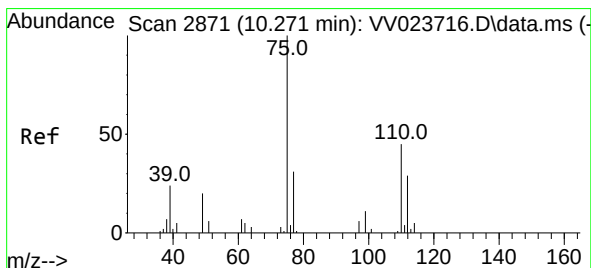
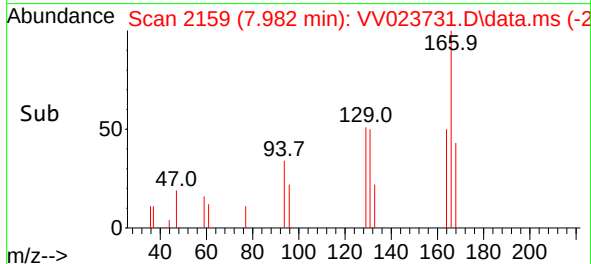
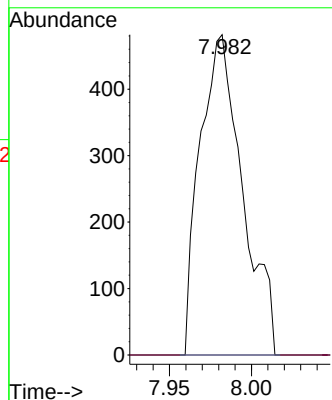


#49
Dibromochloromethane
Concen: 0.109 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.261 min
Lab File: VV023731.D
Acq: 26 Nov 2021 17:22

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:129 Resp: 870
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.3#



#61
1,2,3-Trichloropropane
Concen: 1.385 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV023731.D
Acq: 26 Nov 2021 17:22

Tgt Ion: 75 Resp: 5646
Ion Ratio Lower Upper
75 100
77 42.6 26.4 39.6#
110 3.9 34.2 51.2#

