

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112621\
 Data File : VW023732.D
 Acq On : 26 Nov 2021 17:45
 Operator : SY/MD
 Sample : M4821-14DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 03:55:15 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)

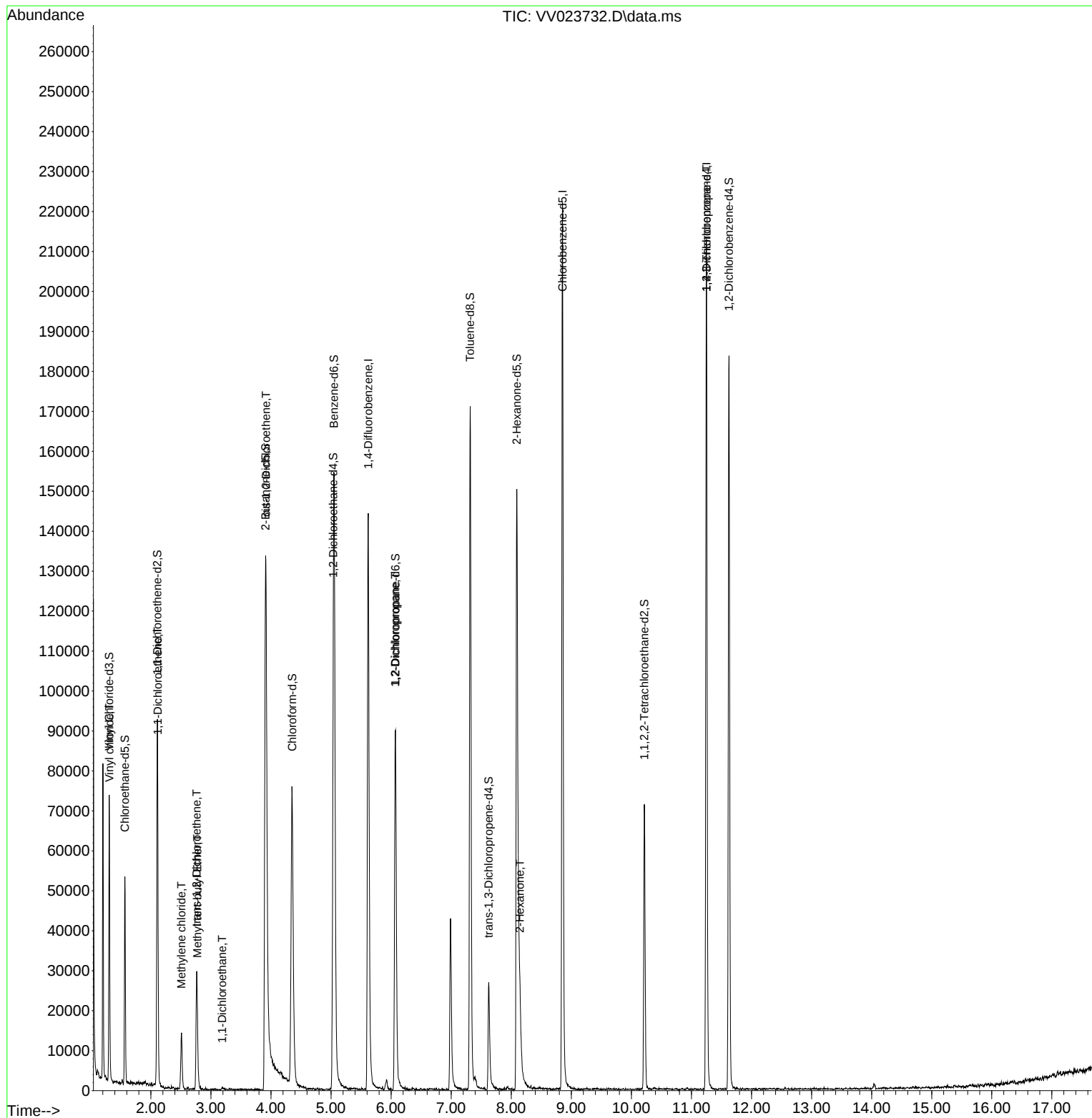
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	126113	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	125018	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57675	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33253	3.212	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.200%	
7) Chloroethane-d5	1.568	69	29966	3.682	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.600%	
11) 1,1-Dichloroethene-d2	2.108	63	47097	2.581	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	51.600%#	
20) 2-Butanone-d5	3.908	46	65068	52.281	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.560%	
24) Chloroform-d	4.352	84	76215	4.228	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.600%	
26) 1,2-Dichloroethane-d4	5.037	65	38071	4.520	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
32) Benzene-d6	5.050	84	138609	4.070	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.400%	
36) 1,2-Dichloropropane-d6	6.072	67	42663	4.468	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.400%	
41) Toluene-d8	7.316	98	116246	3.653	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.000%	
43) trans-1,3-Dichloroprop...	7.625	79	16232	4.218	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.400%	
46) 2-Hexanone-d5	8.091	63	65671	51.360	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.720%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32635	4.750	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	49464	4.851	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.000%	
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	11423	1.046	ug/L	92
12) 1,1-Dichloroethene	2.114	96	662	0.078	ug/L #	1
16) Methylene chloride	2.510	84	5838	0.484	ug/L	94
17) Methyl tert-butyl Ether	2.773	73	2849	0.165	ug/L #	91
18) trans-1,2-Dichloroethene	2.764	96	10930	1.136	ug/L	96
19) 1,1-Dichloroethane	3.188	63	898	0.055	ug/L #	50
22) cis-1,2-Dichloroethene	3.915	96	64469	6.985	ug/L	98
37) 1,2-Dichloropropane	6.069	63	5138	0.606	ug/L #	84
48) 2-Hexanone	8.143	43	2912	0.974	ug/L	95
61) 1,2,3-Trichloropropane	11.249	75	5915	1.446	ug/L #	60

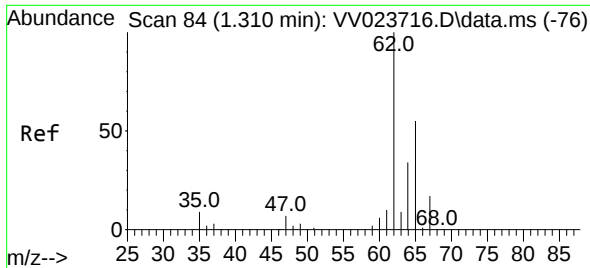
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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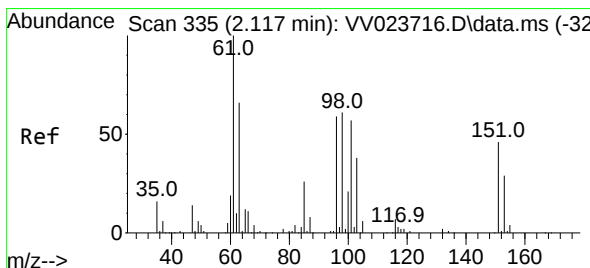
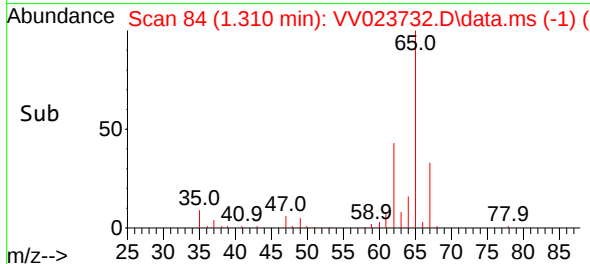
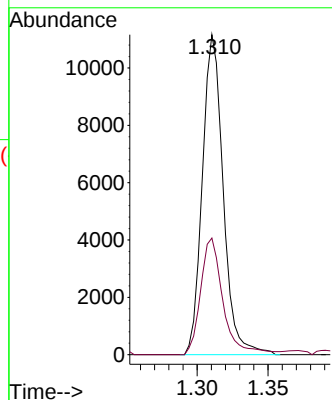
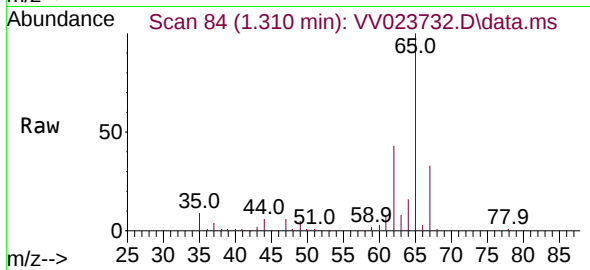




#5
 Vinyl chloride
 Concen: 1.046 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023732.D
 Acq: 26 Nov 2021 17:45

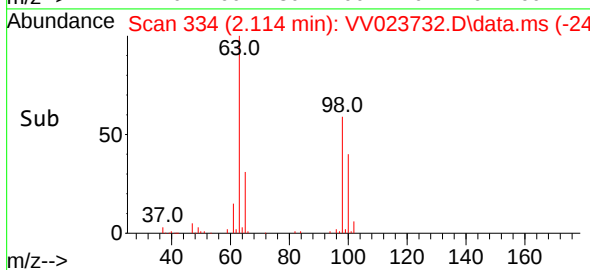
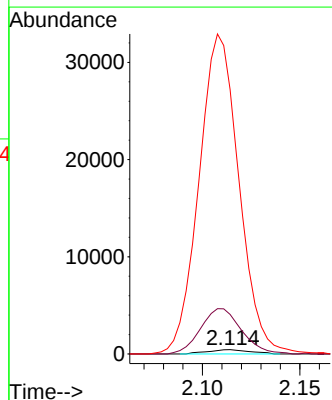
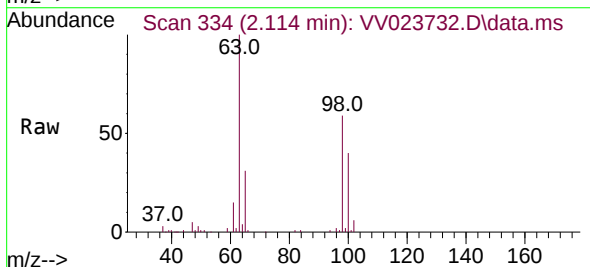
Instrument :
 MSVOA_V
 ClientSampleId :

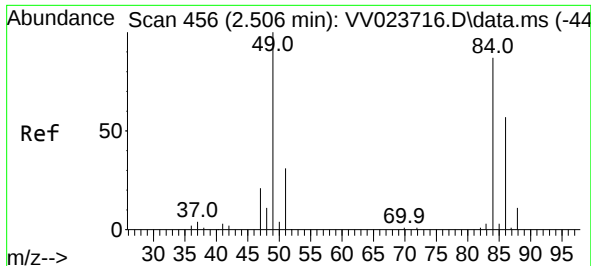
Tgt Ion: 62 Resp: 11423
 Ion Ratio Lower Upper
 62 100
 64 36.5 22.4 41.6



#12
 1,1-Dichloroethene
 Concen: 0.078 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV023732.D
 Acq: 26 Nov 2021 17:45

Tgt Ion: 96 Resp: 662
 Ion Ratio Lower Upper
 96 100
 61 928.8 116.1 215.5#
 63 6210.0 79.4 147.4#

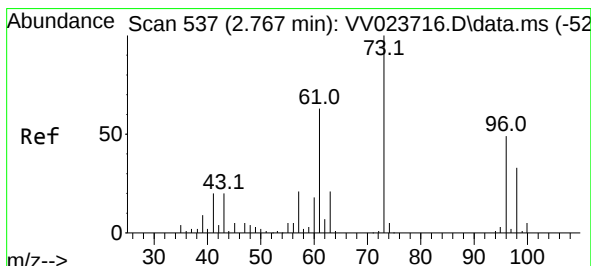
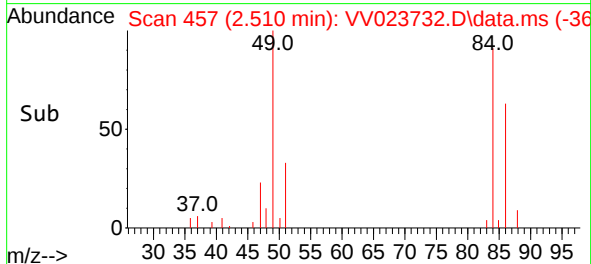
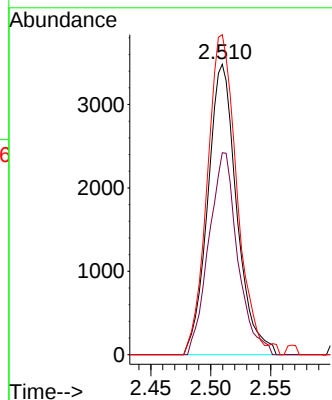
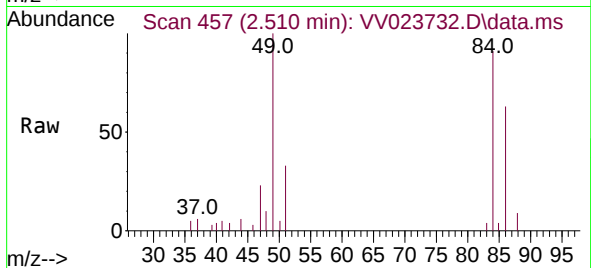




#16
Methylene chloride
Concen: 0.484 ug/L
RT: 2.510 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV023732.D
Acq: 26 Nov 2021 17:45

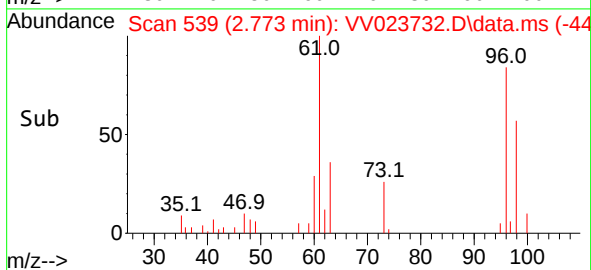
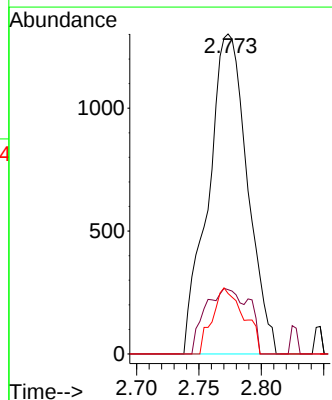
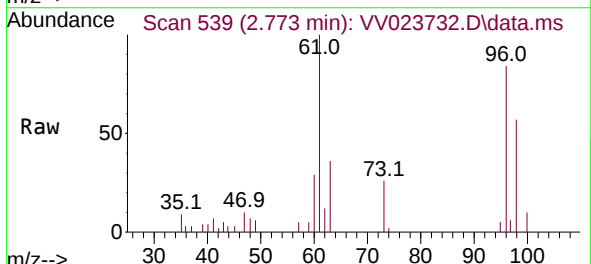
Instrument :
MSVOA_V
ClientSampleId :

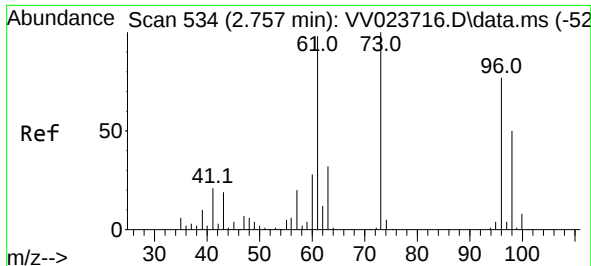
Tgt Ion: 84 Resp: 5838
Ion Ratio Lower Upper
84 100
86 69.6 42.6 79.0
49 110.2 79.7 147.9



#17
Methyl tert-butyl Ether
Concen: 0.165 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV023732.D
Acq: 26 Nov 2021 17:45

Tgt Ion: 73 Resp: 2849
Ion Ratio Lower Upper
73 100
43 22.6 15.5 23.3
57 16.6 17.1 25.7#

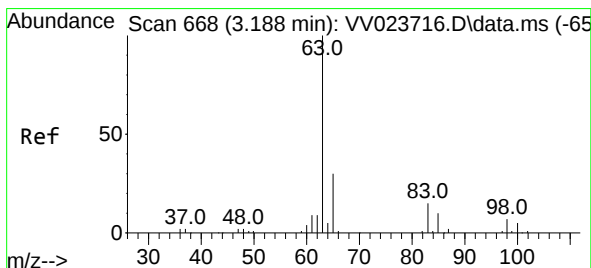
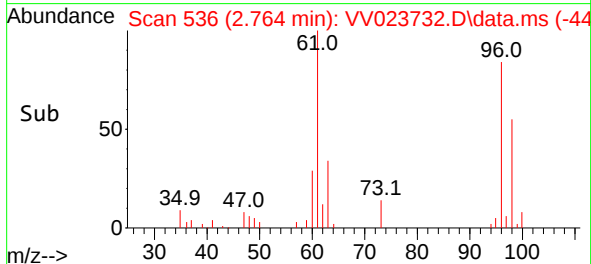
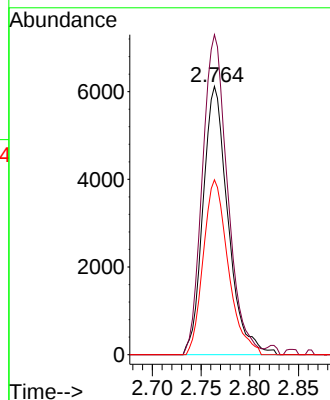
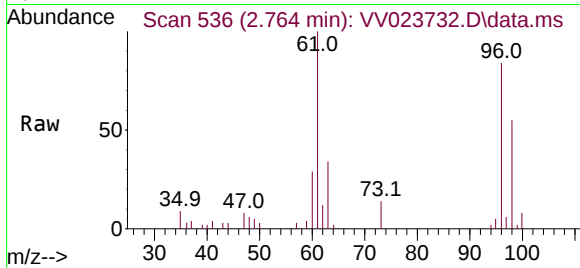




#18
trans-1,2-Dichloroethene
Concen: 1.136 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV023732.D
Acq: 26 Nov 2021 17:45

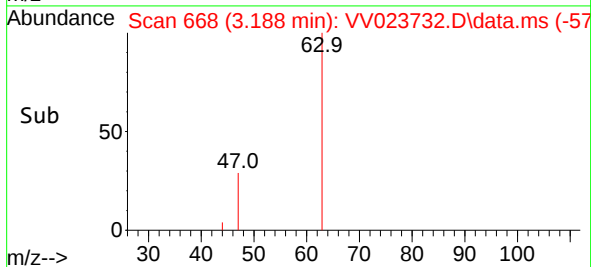
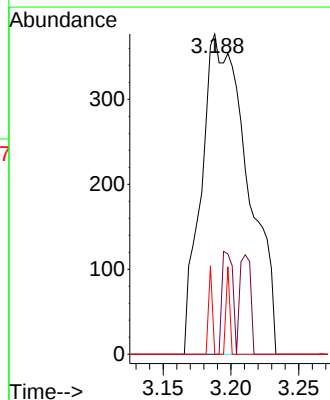
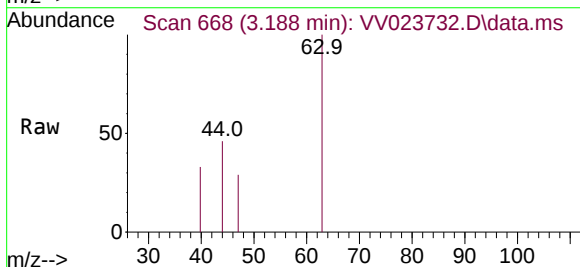
Instrument :
MSVOA_V
ClientSampleId :

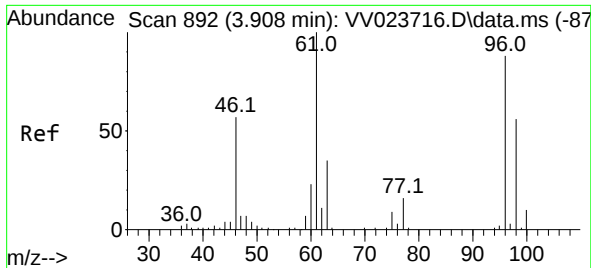
Tgt Ion: 96 Resp: 10930
Ion Ratio Lower Upper
96 100
61 119.3 88.2 163.8
98 65.2 44.9 83.5



#19
1,1-Dichloroethane
Concen: 0.055 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV023732.D
Acq: 26 Nov 2021 17:45

Tgt Ion: 63 Resp: 898
Ion Ratio Lower Upper
63 100
65 0.0 22.3 41.3#
83 0.0 10.7 19.9#

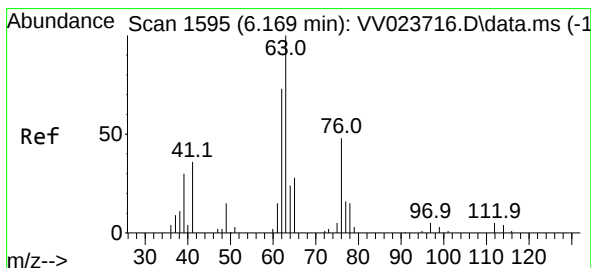
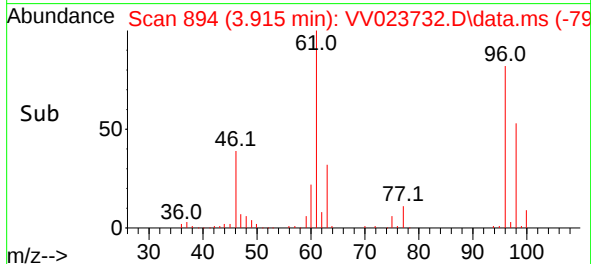
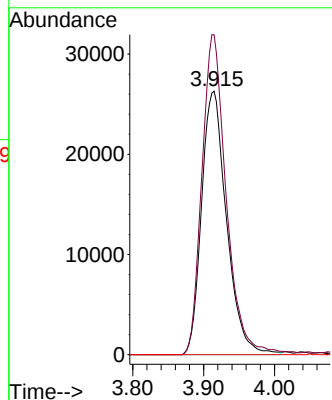
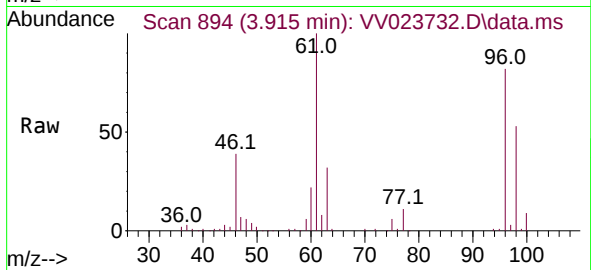




#22
 cis-1,2-Dichloroethene
 Concen: 6.985 ug/L
 RT: 3.915 min Scan# 89
 Delta R.T. 0.006 min
 Lab File: VV023732.D
 Acq: 26 Nov 2021 17:45

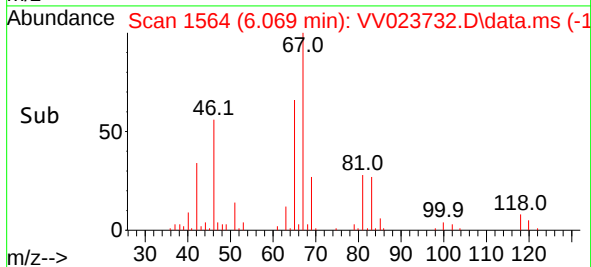
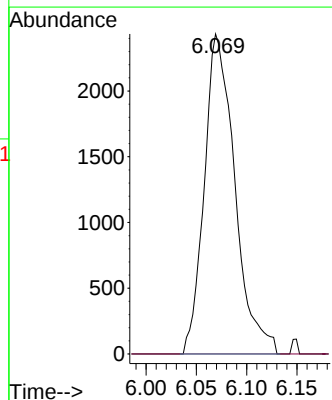
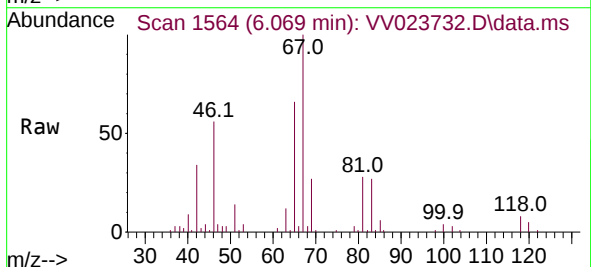
Instrument :
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 ClientSampleId :

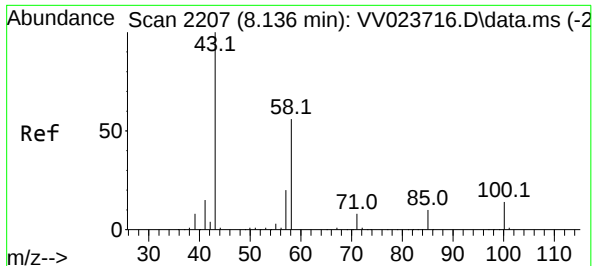
Tgt Ion: 96 Resp: 64469
 Ion Ratio Lower Upper
 96 100
 61 121.4 83.4 154.8
 68 0.0 0.0 0.0



#37
 1,2-Dichloropropane
 Concen: 0.606 ug/L
 RT: 6.069 min Scan# 1564
 Delta R.T. -0.100 min
 Lab File: VV023732.D
 Acq: 26 Nov 2021 17:45

Tgt Ion: 63 Resp: 5138
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.3 6.5#





#48

2-Hexanone

Concen: 0.974 ug/L

RT: 8.143 min Scan# 21

Delta R.T. 0.006 min

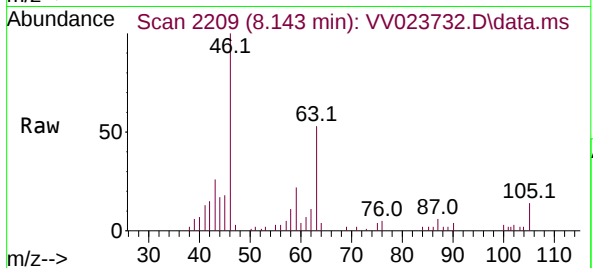
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Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 2912

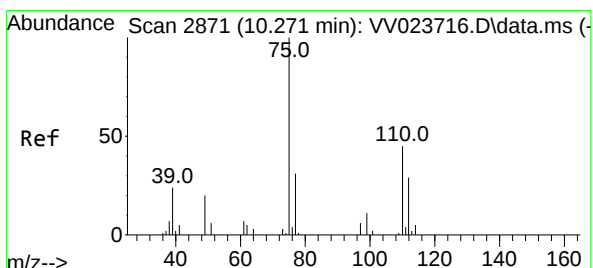
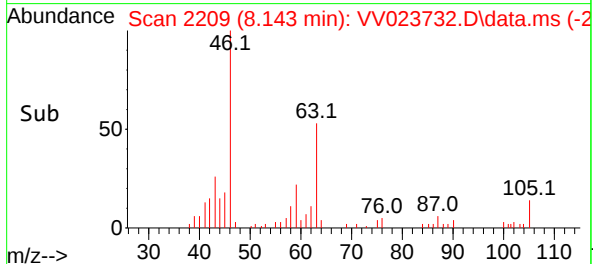
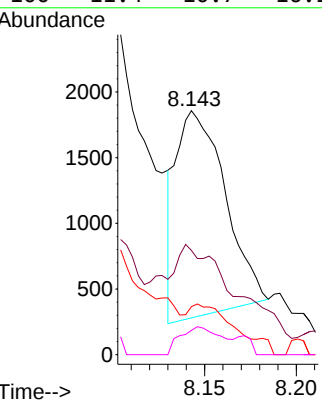
Ion Ratio Lower Upper

43 100

58 58.2 44.5 66.7

57 22.5 15.1 22.7

100 11.4 10.7 16.1



#61

1,2,3-Trichloropropane

Concen: 1.446 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV023732.D

Acq: 26 Nov 2021 17:45

Tgt Ion: 75 Resp: 5915

Ion Ratio Lower Upper

75 100

77 36.2 26.4 39.6

110 0.3 34.2 51.2#

