

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011624\
 Data File : VW033665.D
 Acq On : 16 Jan 2024 13:00
 Operator : SY/MD
 Sample : P1062-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 17 00:11:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 17 00:08:33 2024
 Response via : Initial Calibration

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

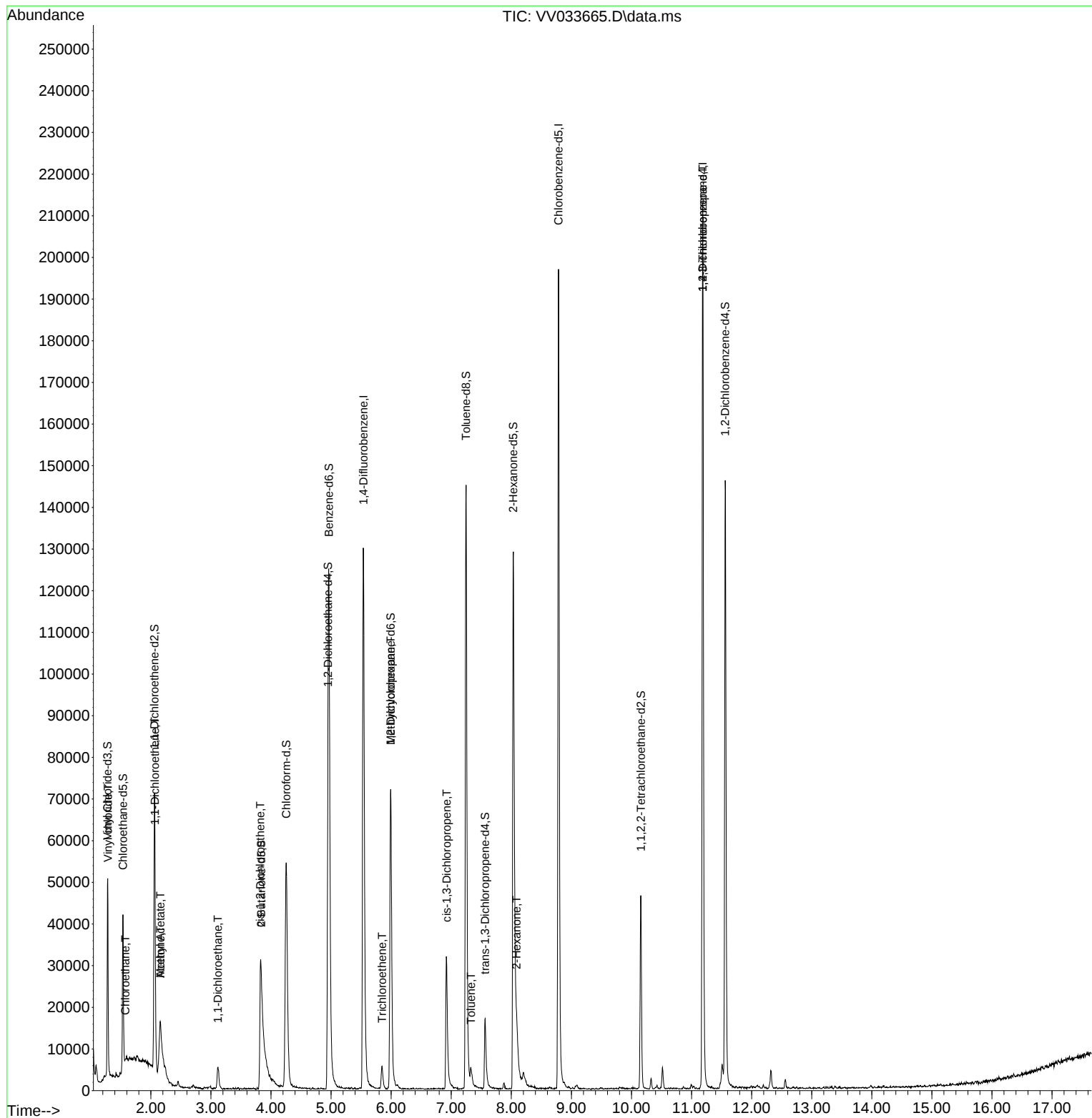
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	112993	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	104519	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	51702	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23031	3.727	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.600%
7) Chloroethane-d5	1.535	69	23063	4.209	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.059	65	11343	4.074	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	3.838	46	54548	36.108	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.220%
24) Chloroform-d	4.252	84	58917	4.409	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	4.947	65	27784	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	4.963	84	112000	4.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	5.992	67	36496	4.341	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.246	98	98586	4.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.564	79	11607	3.993	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.030	63	49512	43.384	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.760%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	23814	4.847	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	36684	4.621	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	7662	0.652	ug/L	94
8) Chloroethane	1.574	64	6544	0.917	ug/L #	53
12) 1,1-Dichloroethene	2.069	96	1385	0.174	ug/L #	1
13) Acetone	2.159	43	33916	27.655	ug/L	78
15) Methyl Acetate	2.159	43	33916	11.570	ug/L #	56
19) 1,1-Dichloroethane	3.117	63	6369	0.356	ug/L	96
22) cis-1,2-Dichloroethene	3.821	96	7601	0.807	ug/L	97
34) Trichloroethene	5.850	95	2335	0.236	ug/L	95
35) Methylcyclohexane	5.992	83	8225	0.492	ug/L #	15
39) cis-1,3-Dichloropropene	6.924	75	941	0.072	ug/L #	71
42) Toluene	7.329	91	3739	0.095	ug/L	97
48) 2-Hexanone	8.088	43	8911	2.871	ug/L #	91
61) 1,2,3-Trichloropropane	11.185	75	6673	1.610	ug/L #	60

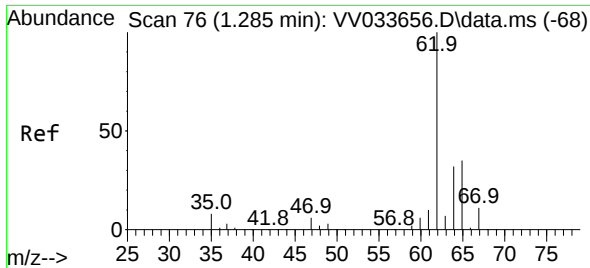
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VV033665.D
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 17 00:08:33 2024
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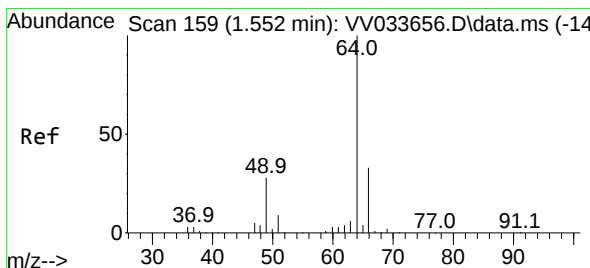
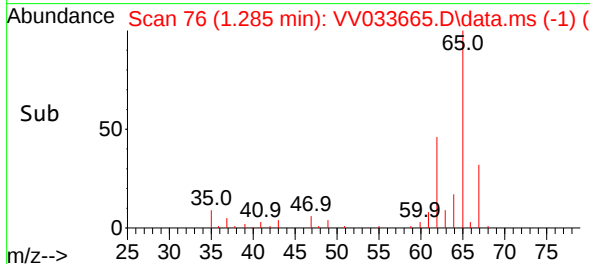
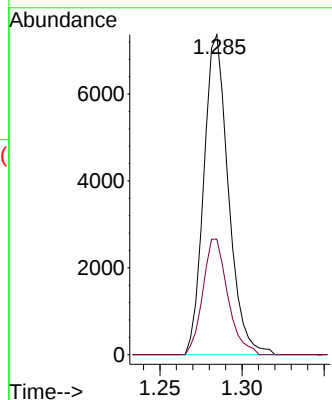
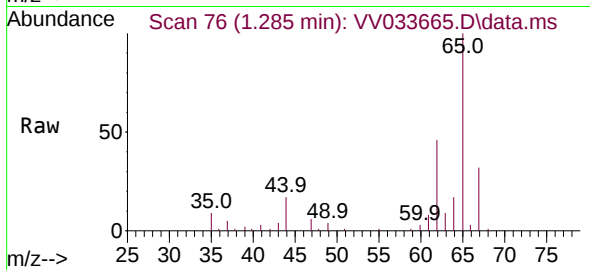




#5
 Vinyl chloride
 Concen: 0.652 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033665.D
 Acq: 16 Jan 2024 13:00

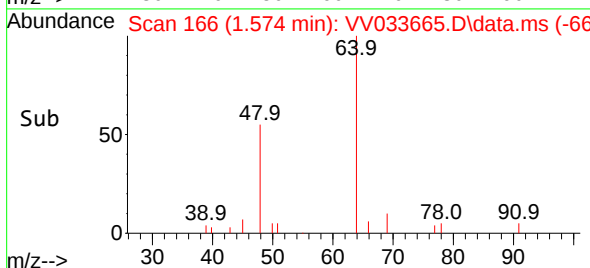
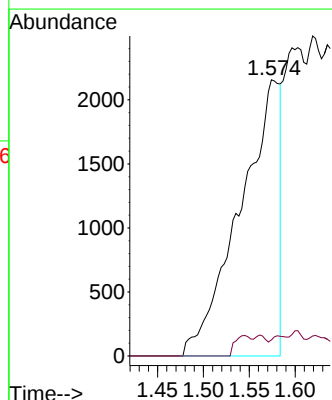
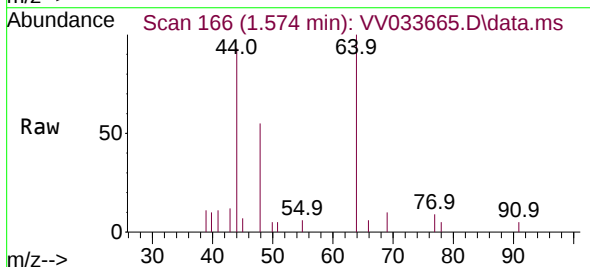
Instrument :
 MSVOA_V
 ClientSampleId :

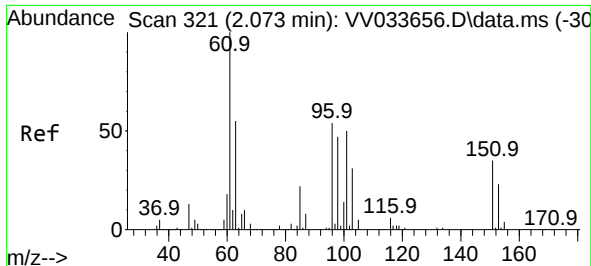
Tgt Ion: 62 Resp: 7662
 Ion Ratio Lower Upper
 62 100
 64 36.1 23.0 42.8



#8
 Chloroethane
 Concen: 0.917 ug/L
 RT: 1.574 min Scan# 166
 Delta R.T. 0.022 min
 Lab File: VV033665.D
 Acq: 16 Jan 2024 13:00

Tgt Ion: 64 Resp: 6544
 Ion Ratio Lower Upper
 64 100
 66 5.8 22.6 42.0#





#12

1,1-Dichloroethene

Concen: 0.174 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033665.D

Acq: 16 Jan 2024 13:00

Instrument :

MSVOA_V

ClientSampleId :

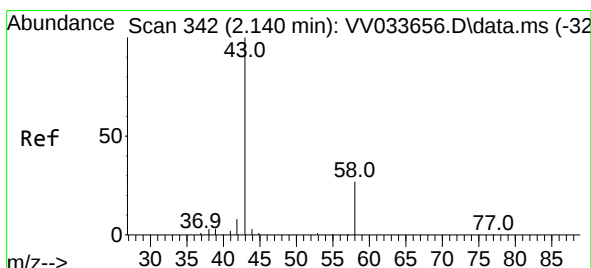
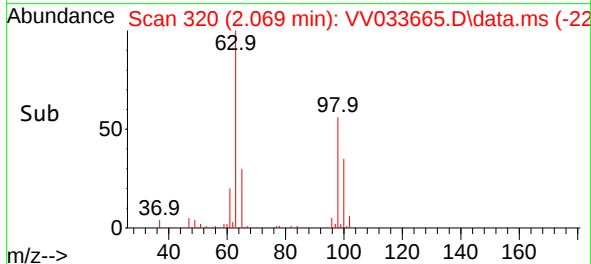
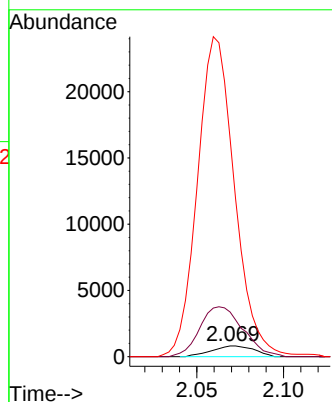
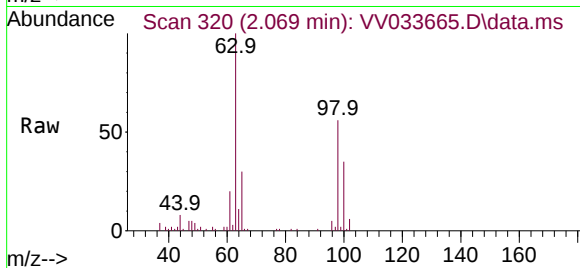
Tgt Ion: 96 Resp: 1385

Ion Ratio Lower Upper

96 100

61 413.1 133.8 248.4#

63 2017.2 77.2 143.4#



#13

Acetone

Concen: 27.655 ug/L

RT: 2.159 min Scan# 348

Delta R.T. 0.019 min

Lab File: VV033665.D

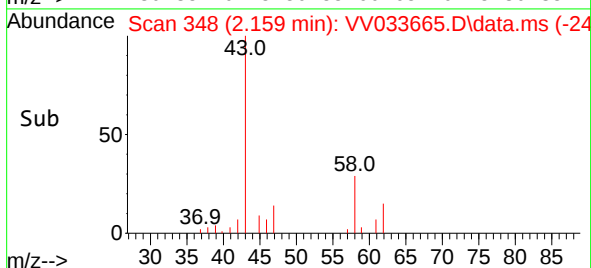
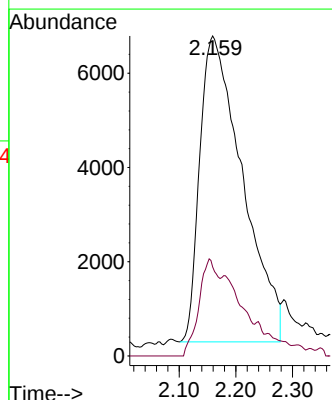
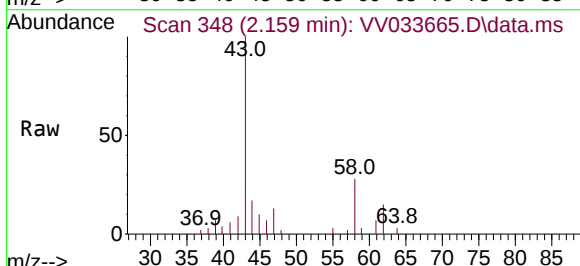
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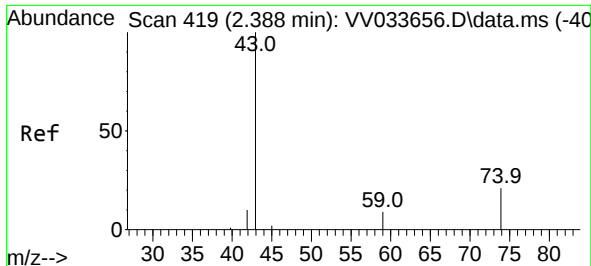
Tgt Ion: 43 Resp: 33916

Ion Ratio Lower Upper

43 100

58 14.2 0.0 51.0

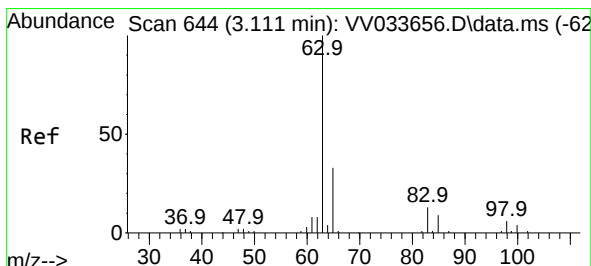
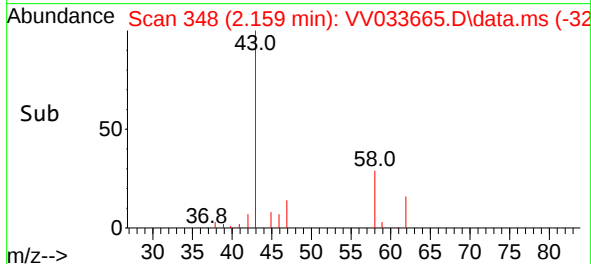
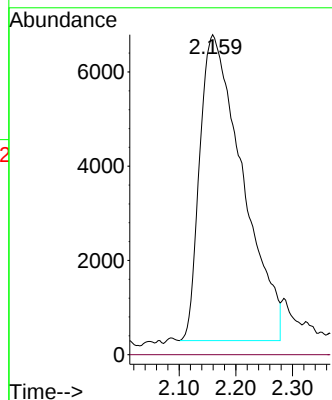
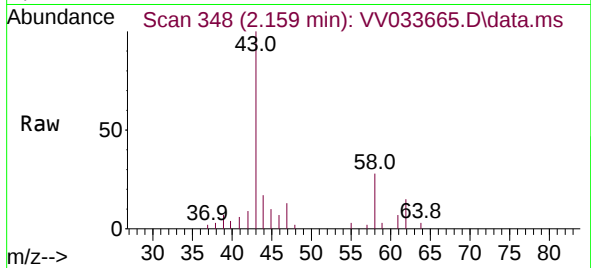




#15
Methyl Acetate
Concen: 11.570 ug/L
RT: 2.159 min Scan# 34
Delta R.T. -0.228 min
Lab File: VV033665.D
Acq: 16 Jan 2024 13:00

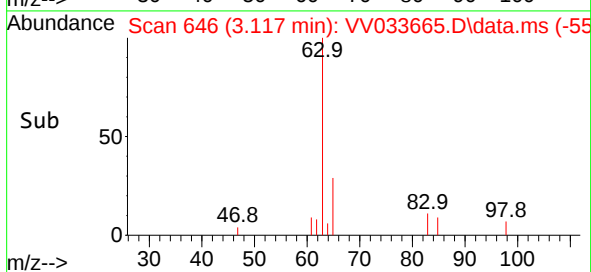
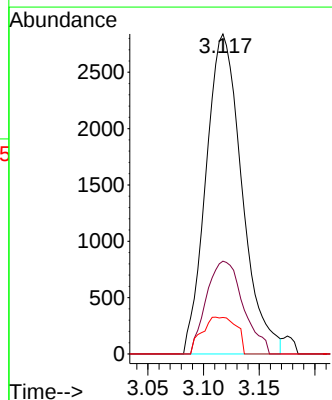
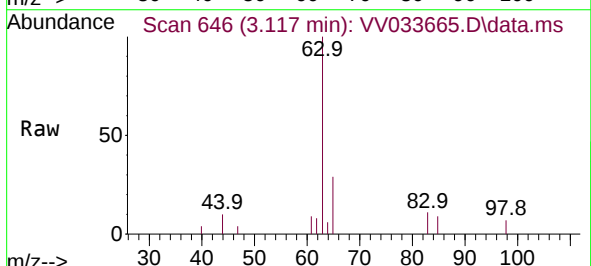
Instrument :
MSVOA_V
ClientSampleId :

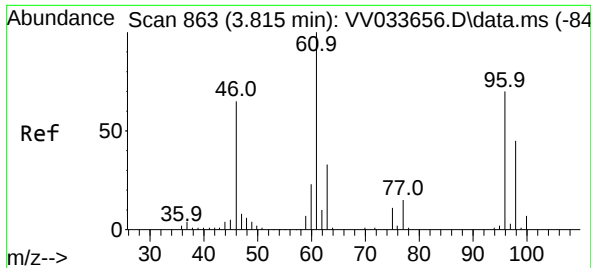
Tgt Ion: 43 Resp: 33916
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#19
1,1-Dichloroethane
Concen: 0.356 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.006 min
Lab File: VV033665.D
Acq: 16 Jan 2024 13:00

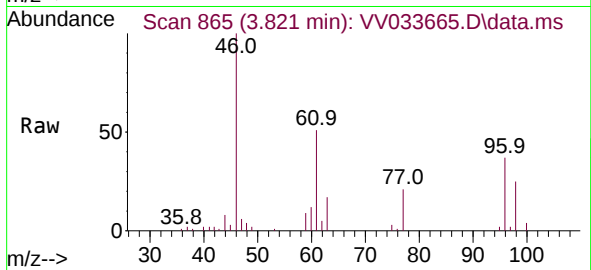
Tgt Ion: 63 Resp: 6369
Ion Ratio Lower Upper
63 100
65 29.0 21.6 40.2
83 11.4 9.1 16.9



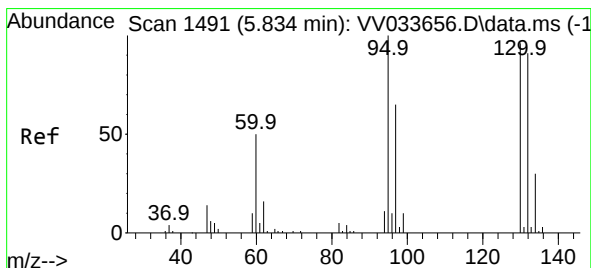
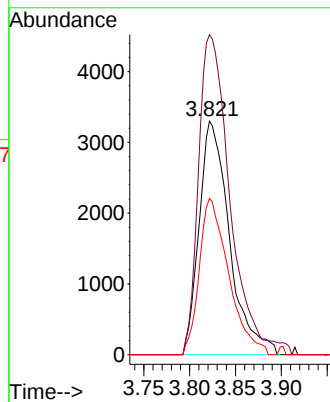
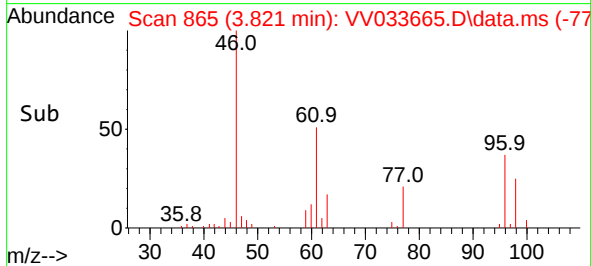


#22
 cis-1,2-Dichloroethene
 Concen: 0.807 ug/L
 RT: 3.821 min Scan# 863
 Delta R.T. 0.006 min
 Lab File: VV033665.D
 Acq: 16 Jan 2024 13:00

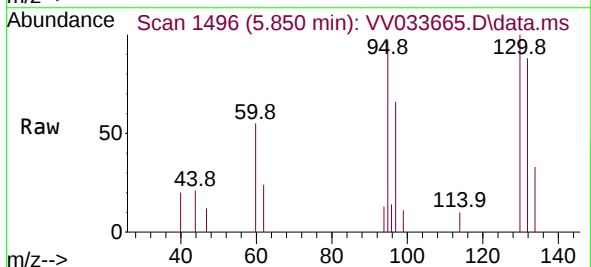
Instrument :
 MSVOA_V
 ClientSampleId :



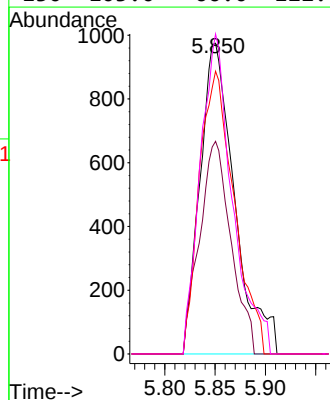
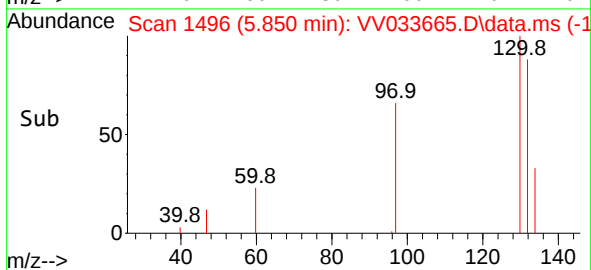
Tgt Ion: 96 Resp: 7601
 Ion Ratio Lower Upper
 96 100
 61 136.9 97.1 180.3
 98 66.9 42.6 79.0

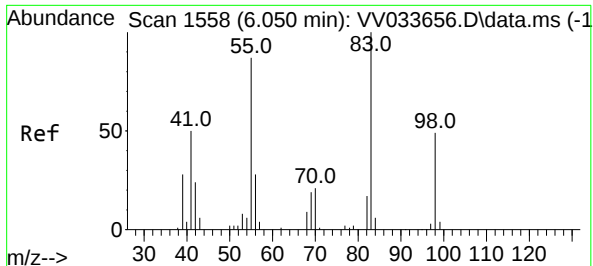


#34
 Trichloroethene
 Concen: 0.236 ug/L
 RT: 5.850 min Scan# 1496
 Delta R.T. 0.016 min
 Lab File: VV033665.D
 Acq: 16 Jan 2024 13:00



Tgt Ion: 95 Resp: 2335
 Ion Ratio Lower Upper
 95 100
 97 68.4 45.1 83.9
 132 91.0 65.2 121.2
 130 103.0 66.0 122.6





#35

Methylcyclohexane

Concen: 0.492 ug/L

RT: 5.992 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV033665.D

Acq: 16 Jan 2024 13:00

Instrument :

MSVOA_V

ClientSampleId :

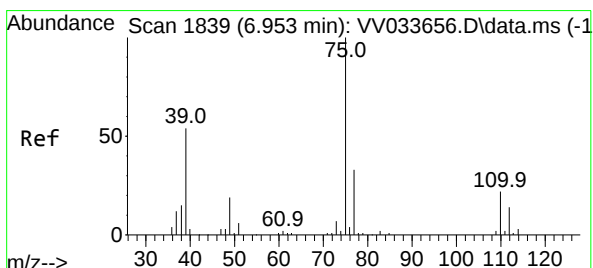
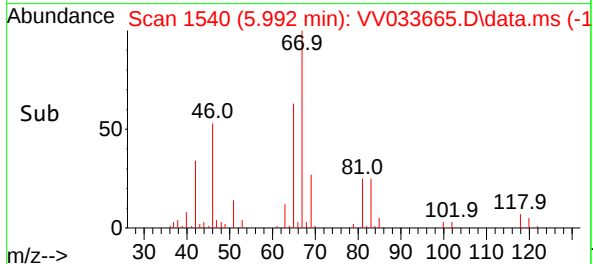
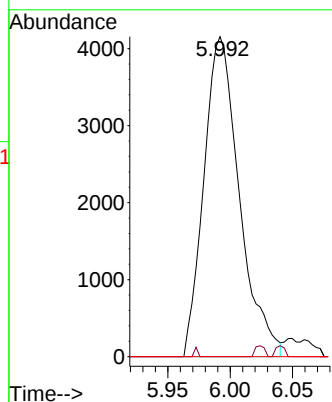
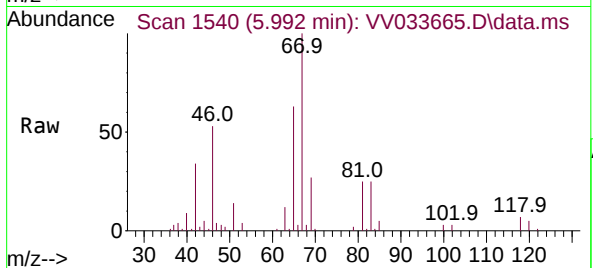
Tgt Ion: 83 Resp: 8225

Ion Ratio Lower Upper

83 100

55 0.3 68.7 103.1#

98 0.2 38.3 57.5#



#39

cis-1,3-Dichloropropene

Concen: 0.072 ug/L

RT: 6.924 min Scan# 1830

Delta R.T. -0.029 min

Lab File: VV033665.D

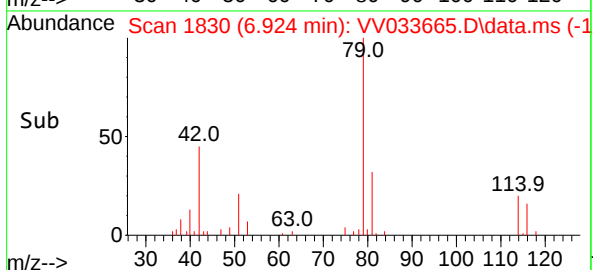
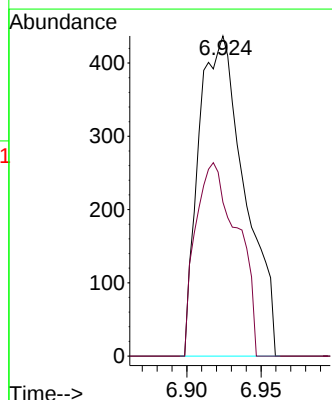
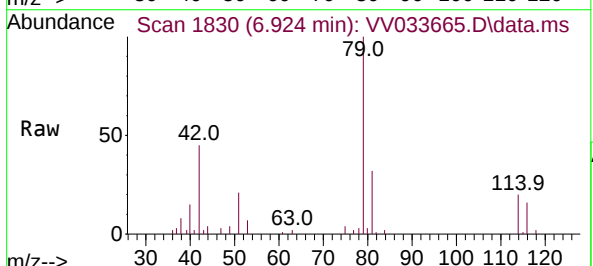
Acq: 16 Jan 2024 13:00

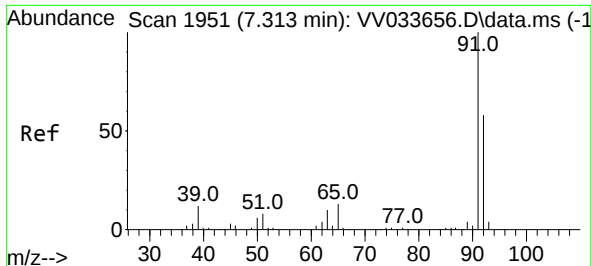
Tgt Ion: 75 Resp: 941

Ion Ratio Lower Upper

75 100

77 48.1 22.5 41.7#





#42

Toluene

Concen: 0.095 ug/L

RT: 7.329 min Scan# 1956

Delta R.T. 0.016 min

Lab File: VV033665.D

Acq: 16 Jan 2024 13:00

Instrument :

MSVOA_V

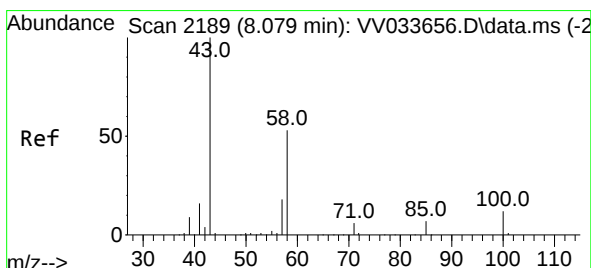
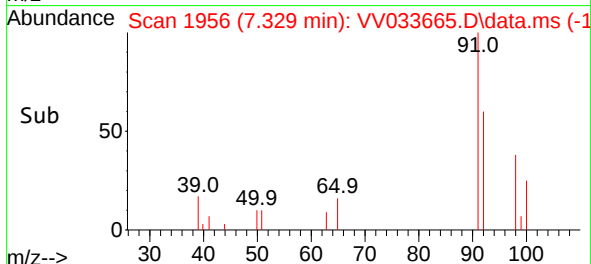
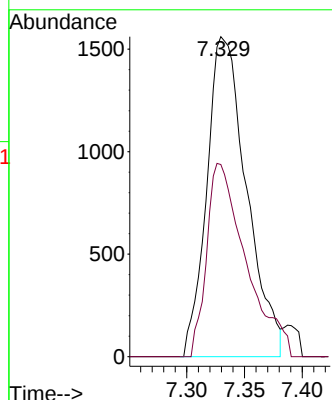
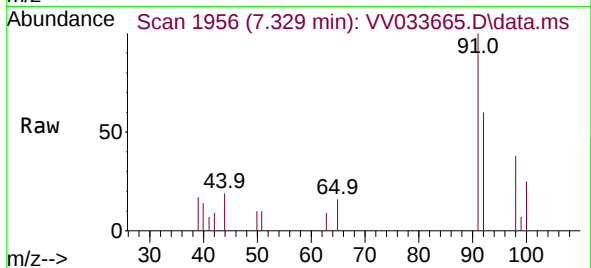
ClientSampleId :

Tgt Ion: 91 Resp: 3739

Ion Ratio Lower Upper

91 100

92 60.0 40.5 75.3



#48

2-Hexanone

Concen: 2.871 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.010 min

Lab File: VV033665.D

Acq: 16 Jan 2024 13:00

Tgt Ion: 43 Resp: 8911

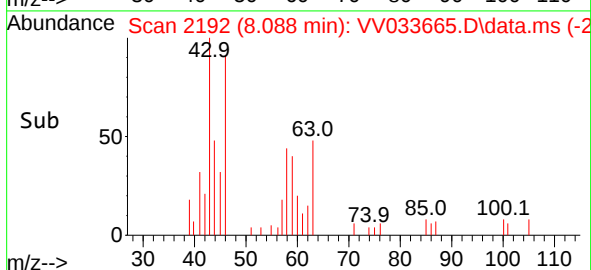
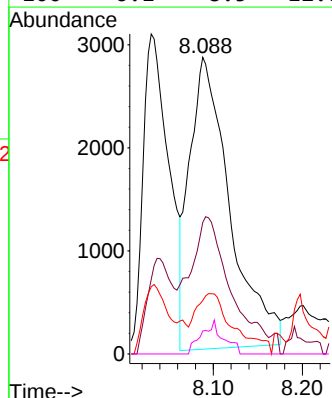
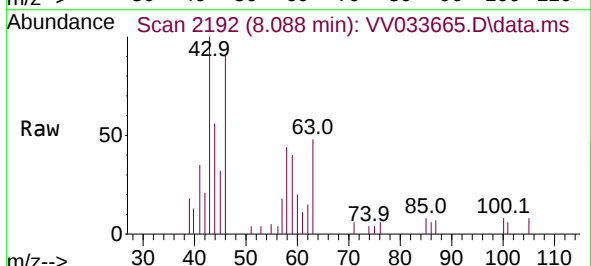
Ion Ratio Lower Upper

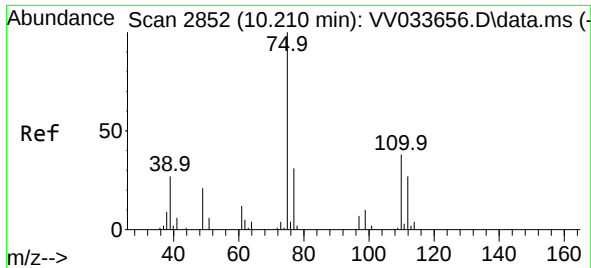
43 100

58 44.0 40.6 61.0

57 19.4 13.8 20.8

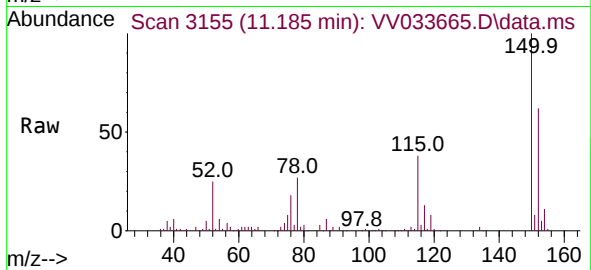
100 6.1 8.5 12.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.610 ug/L
 RT: 11.185 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV033665.D
 Acq: 16 Jan 2024 13:00

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 6673
 Ion Ratio Lower Upper
 75 100
 77 41.7 24.7 37.1#
 110 1.4 28.0 42.0#

