

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011224\
 Data File : VW033614.D
 Acq On : 12 Jan 2024 23:05
 Operator : SY/MD
 Sample : P1121-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 13 00:59:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 13 00:29:44 2024
 Response via : Initial Calibration

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

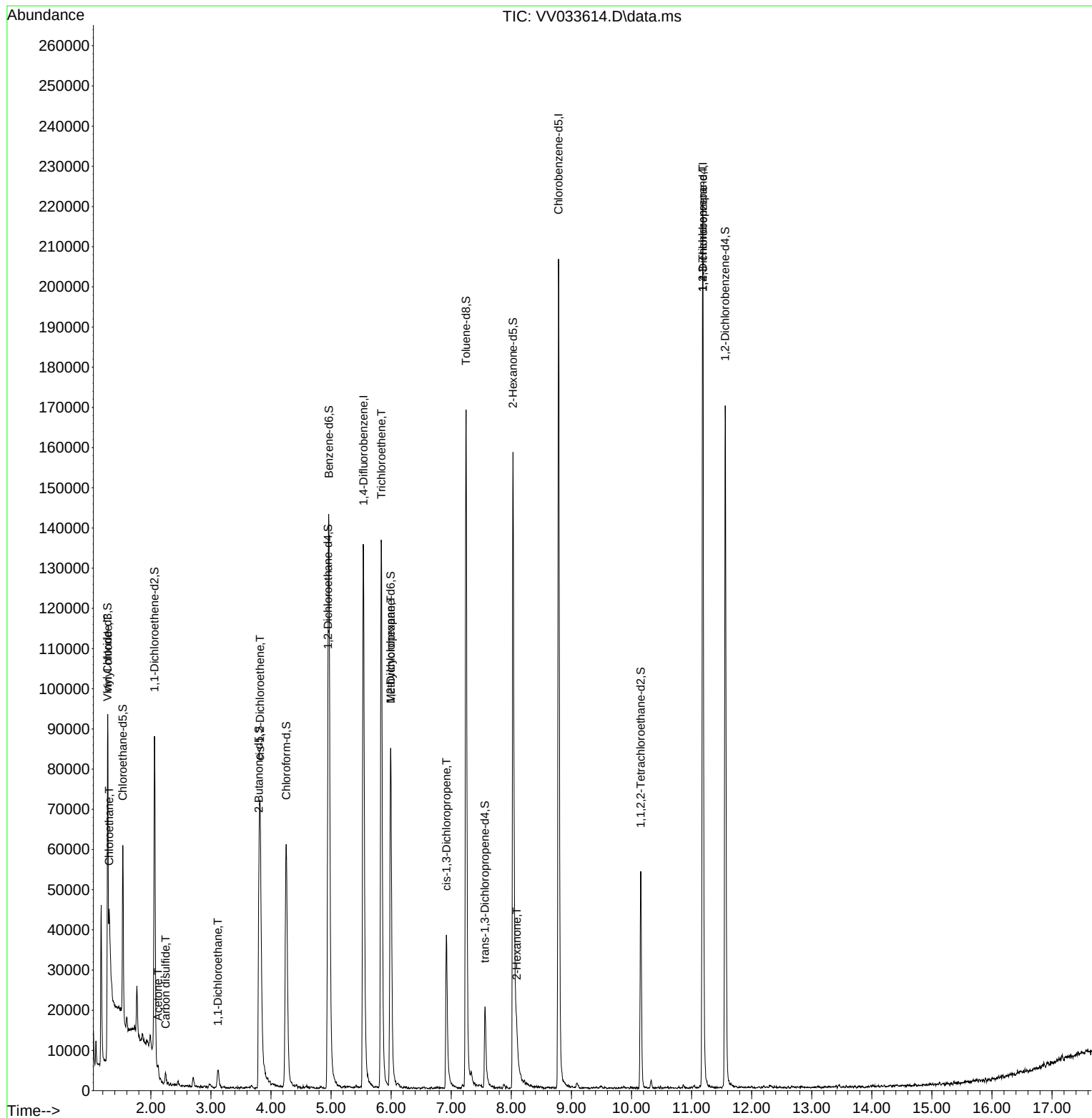
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	114981	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	108983	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	55086	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29760	4.733	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.532	69	27300	4.896	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.060	65	13499	4.764	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	3.799	46	68533	44.581	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.160%
24) Chloroform-d	4.253	84	65217	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	4.947	65	32611	5.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	4.963	84	126317	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	5.992	67	42575	4.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.246	98	112297	4.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	7.561	79	13709	4.523	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.027	63	57809	48.579	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.160%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	27291	5.327	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	42359	5.008	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
5) Vinyl chloride	1.285	62	24545	2.052	ug/L	90
8) Chloroethane	1.307	64	77325	10.645	ug/L #	51
13) Acetone	2.121	43	1965	1.575	ug/L	97
14) Carbon disulfide	2.246	76	3678	0.123	ug/L	98
19) 1,1-Dichloroethane	3.118	63	5198	0.286	ug/L	96
22) cis-1,2-Dichloroethene	3.818	96	27703	2.890	ug/L	100
34) Trichloroethene	5.838	95	50815	4.933	ug/L	98
35) Methylcyclohexane	5.992	83	9874	0.566	ug/L #	16
39) cis-1,3-Dichloropropene	6.921	75	1130	0.082	ug/L #	74
48) 2-Hexanone	8.092	43	9291	2.871	ug/L #	95
61) 1,2,3-Trichloropropane	11.185	75	7400	1.676	ug/L #	64

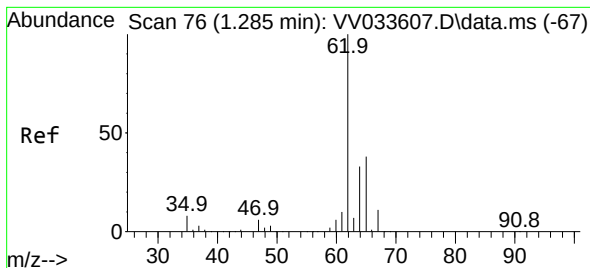
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jan 13 00:29:44 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.052 ug/L

RT: 1.285 min Scan# 70

Delta R.T. 0.000 min

Lab File: VV033614.D

Acq: 12 Jan 2024 23:05

Instrument :

MSVOA_V

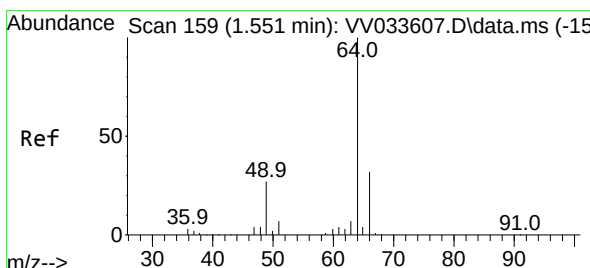
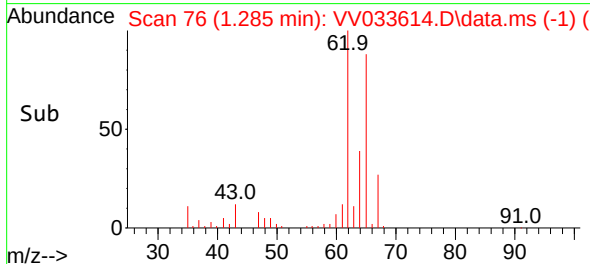
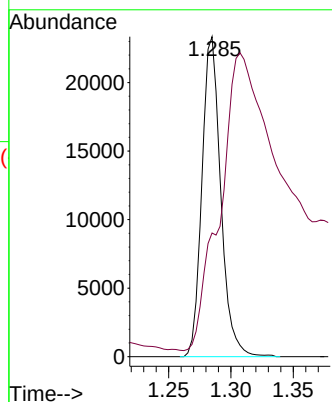
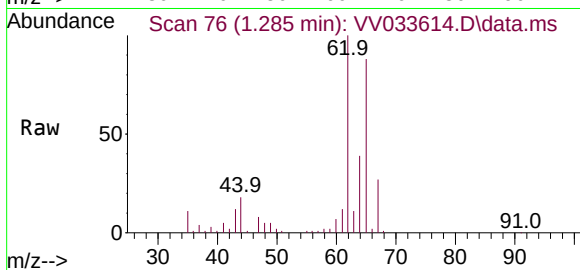
ClientSampleId :

Tgt Ion: 62 Resp: 24545

Ion Ratio Lower Upper

62 100

64 38.6 23.0 42.8



#8

Chloroethane

Concen: 10.645 ug/L

RT: 1.307 min Scan# 83

Delta R.T. -0.244 min

Lab File: VV033614.D

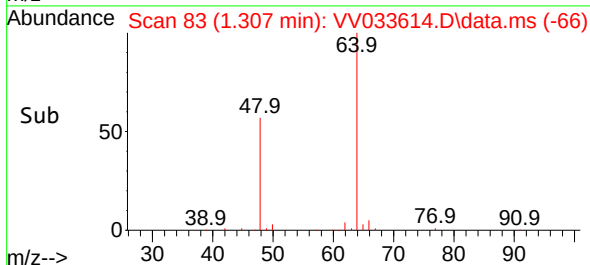
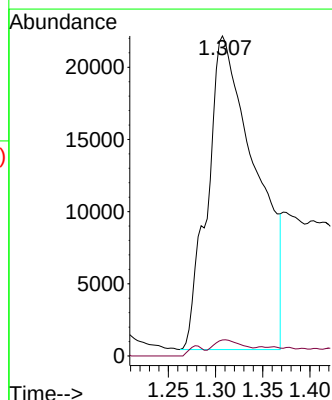
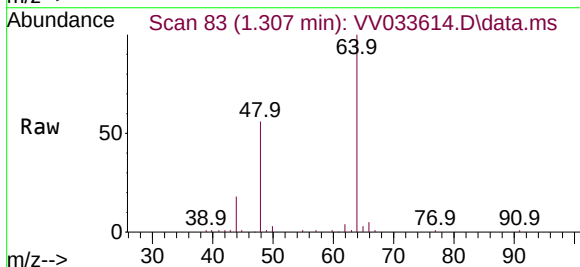
Acq: 12 Jan 2024 23:05

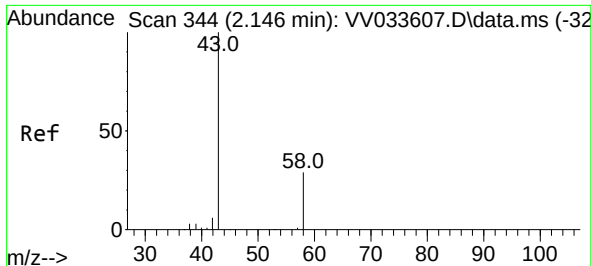
Tgt Ion: 64 Resp: 77325

Ion Ratio Lower Upper

64 100

66 5.0 22.6 42.0#





#13

Acetone

Concen: 1.575 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.026 min

Lab File: VV033614.D

Acq: 12 Jan 2024 23:05

Instrument :

MSVOA_V

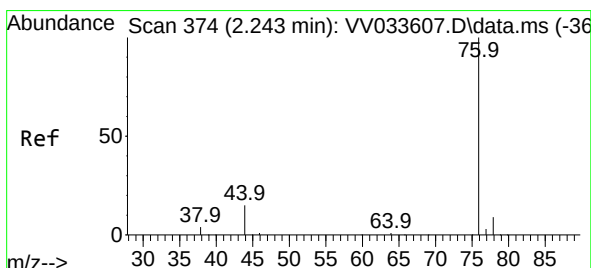
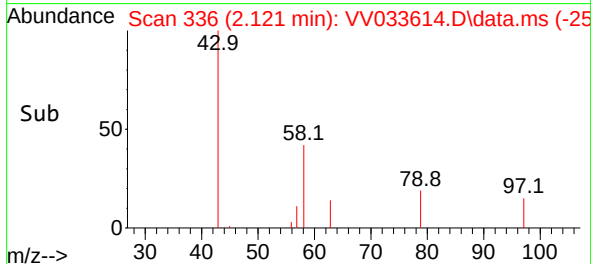
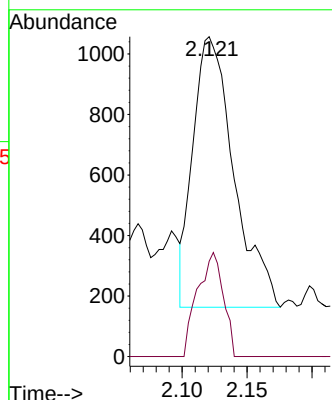
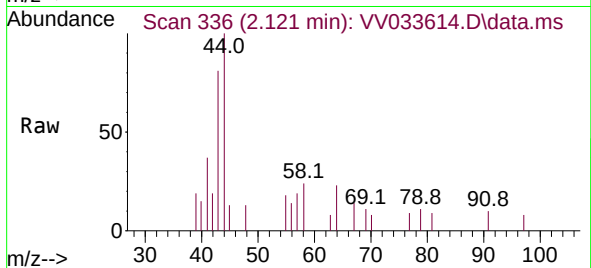
ClientSampleId :

Tgt Ion: 43 Resp: 1965

Ion Ratio Lower Upper

43 100

58 24.2 0.0 51.0



#14

Carbon disulfide

Concen: 0.123 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.003 min

Lab File: VV033614.D

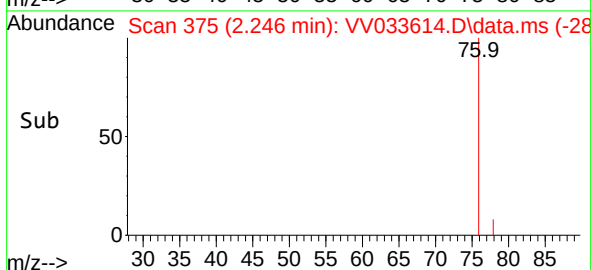
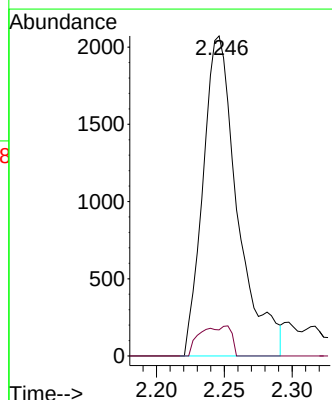
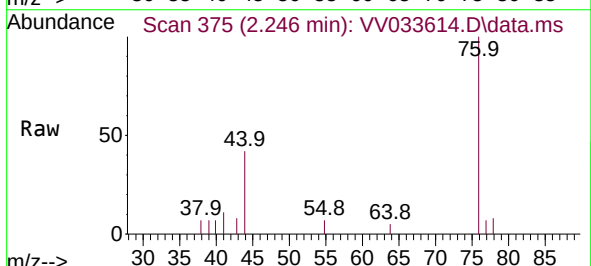
Acq: 12 Jan 2024 23:05

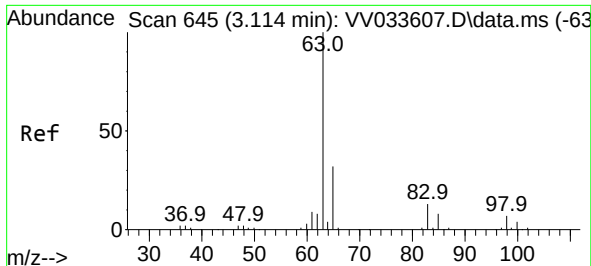
Tgt Ion: 76 Resp: 3678

Ion Ratio Lower Upper

76 100

78 8.2 7.1 10.7





#19

1,1-Dichloroethane

Concen: 0.286 ug/L

RT: 3.118 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV033614.D

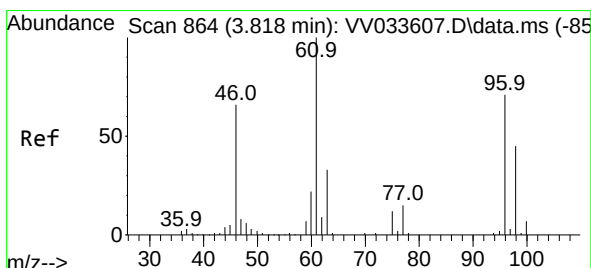
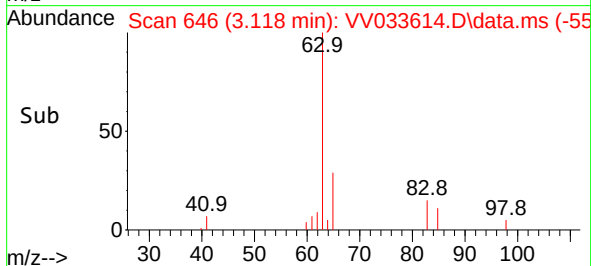
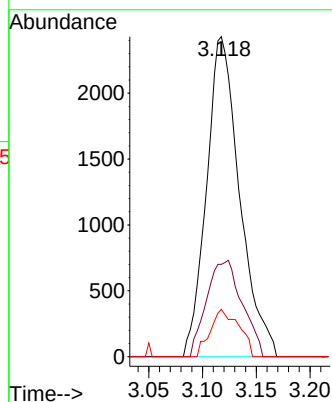
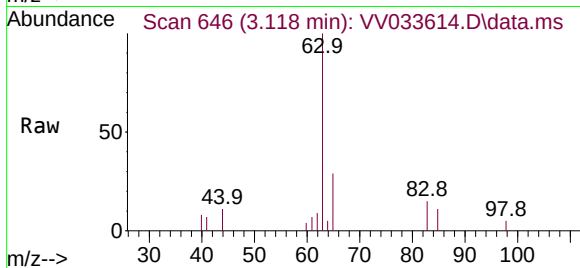
Acq: 12 Jan 2024 23:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp: 5198
Ion Ratio	Lower Upper
63 100	
65 28.9	21.6 40.2
83 14.8	9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 2.890 ug/L

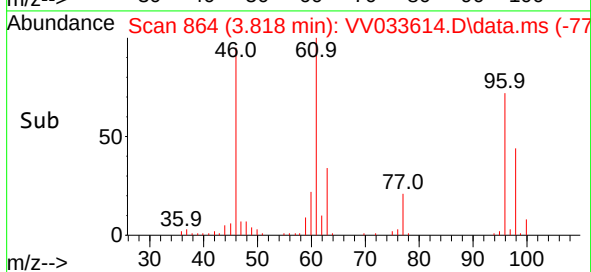
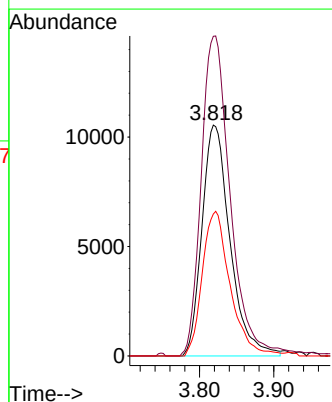
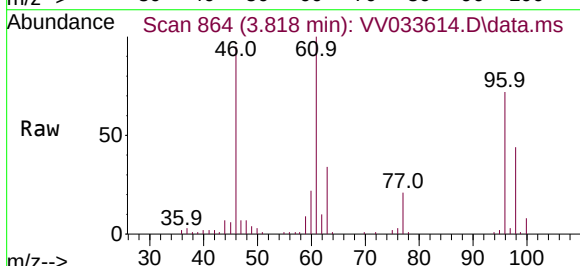
RT: 3.818 min Scan# 864

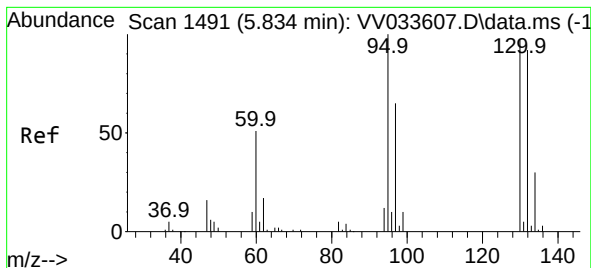
Delta R.T. 0.000 min

Lab File: VV033614.D

Acq: 12 Jan 2024 23:05

Tgt Ion: 96	Resp: 27703		
Ion Ratio	Lower	Upper	
96	100		
61	138.4	97.1	180.3
98	61.4	42.6	79.0





#34

Trichloroethene

Concen: 4.933 ug/L

RT: 5.838 min Scan# 14

Delta R.T. 0.003 min

Lab File: VV033614.D

Acq: 12 Jan 2024 23:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 50815

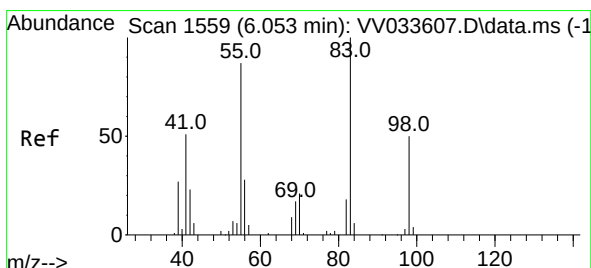
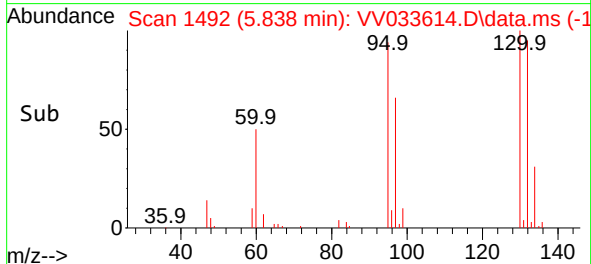
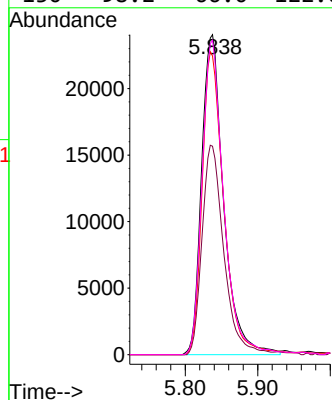
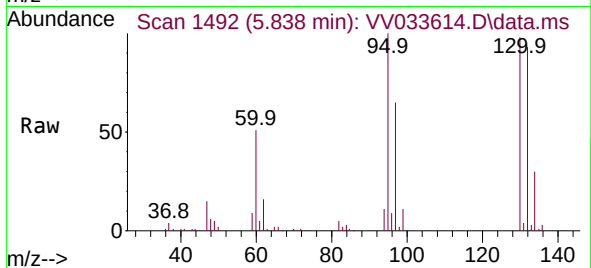
Ion Ratio Lower Upper

95 100

97 65.1 45.1 83.9

132 93.3 65.2 121.2

130 98.2 66.0 122.6



#35

Methylcyclohexane

Concen: 0.566 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.061 min

Lab File: VV033614.D

Acq: 12 Jan 2024 23:05

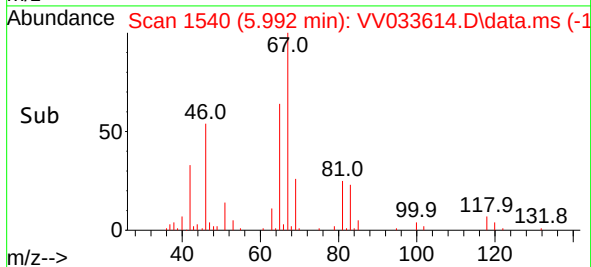
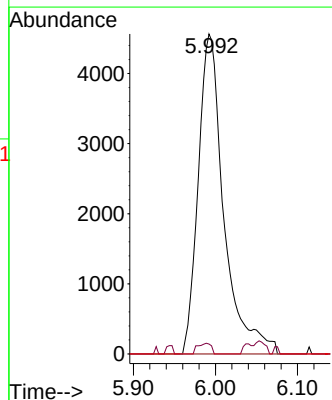
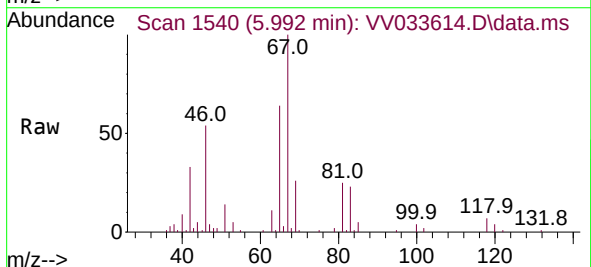
Tgt Ion: 83 Resp: 9874

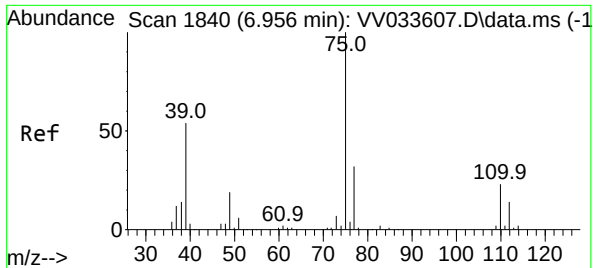
Ion Ratio Lower Upper

83 100

55 1.8 68.7 103.1#

98 0.0 38.3 57.5#





#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV033614.D

Acq: 12 Jan 2024 23:05

Instrument :

MSVOA_V

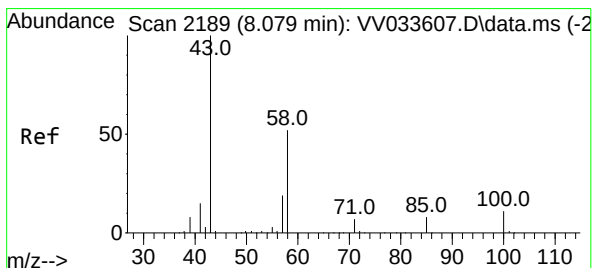
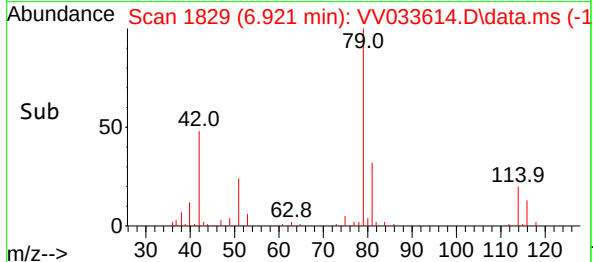
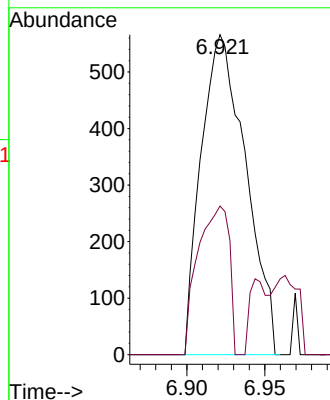
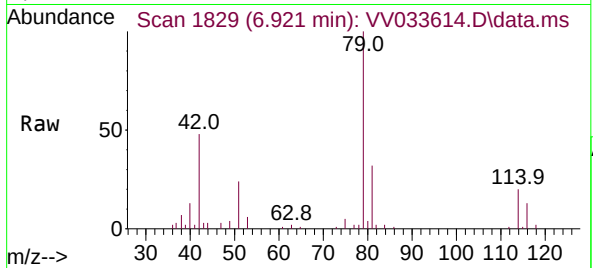
ClientSampleId :

Tgt Ion: 75 Resp: 1130

Ion Ratio Lower Upper

75 100

77 46.5 22.5 41.7#



#48

2-Hexanone

Concen: 2.871 ug/L

RT: 8.092 min Scan# 2193

Delta R.T. 0.013 min

Lab File: VV033614.D

Acq: 12 Jan 2024 23:05

Tgt Ion: 43 Resp: 9291

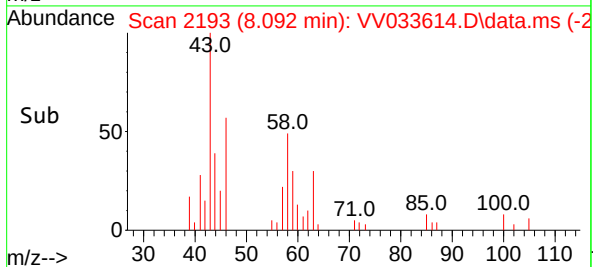
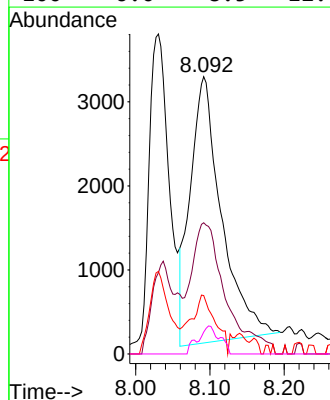
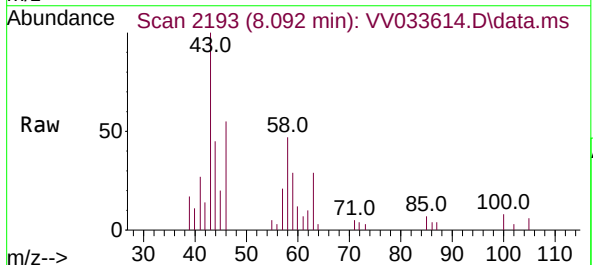
Ion Ratio Lower Upper

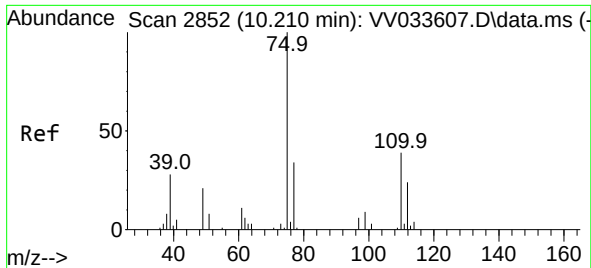
43 100

58 54.5 40.6 61.0

57 17.3 13.8 20.8

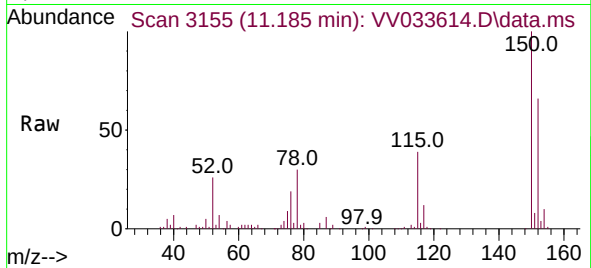
100 6.0 8.5 12.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.676 ug/L
 RT: 11.185 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV033614.D
 Acq: 12 Jan 2024 23:05

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 7400
 Ion Ratio Lower Upper
 75 100
 77 37.3 24.7 37.1#
 110 2.1 28.0 42.0#

