

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011224\
 Data File : VW033619.D
 Acq On : 13 Jan 2024 01:04
 Operator : SY/MD
 Sample : P1121-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 13 01:22:13 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)

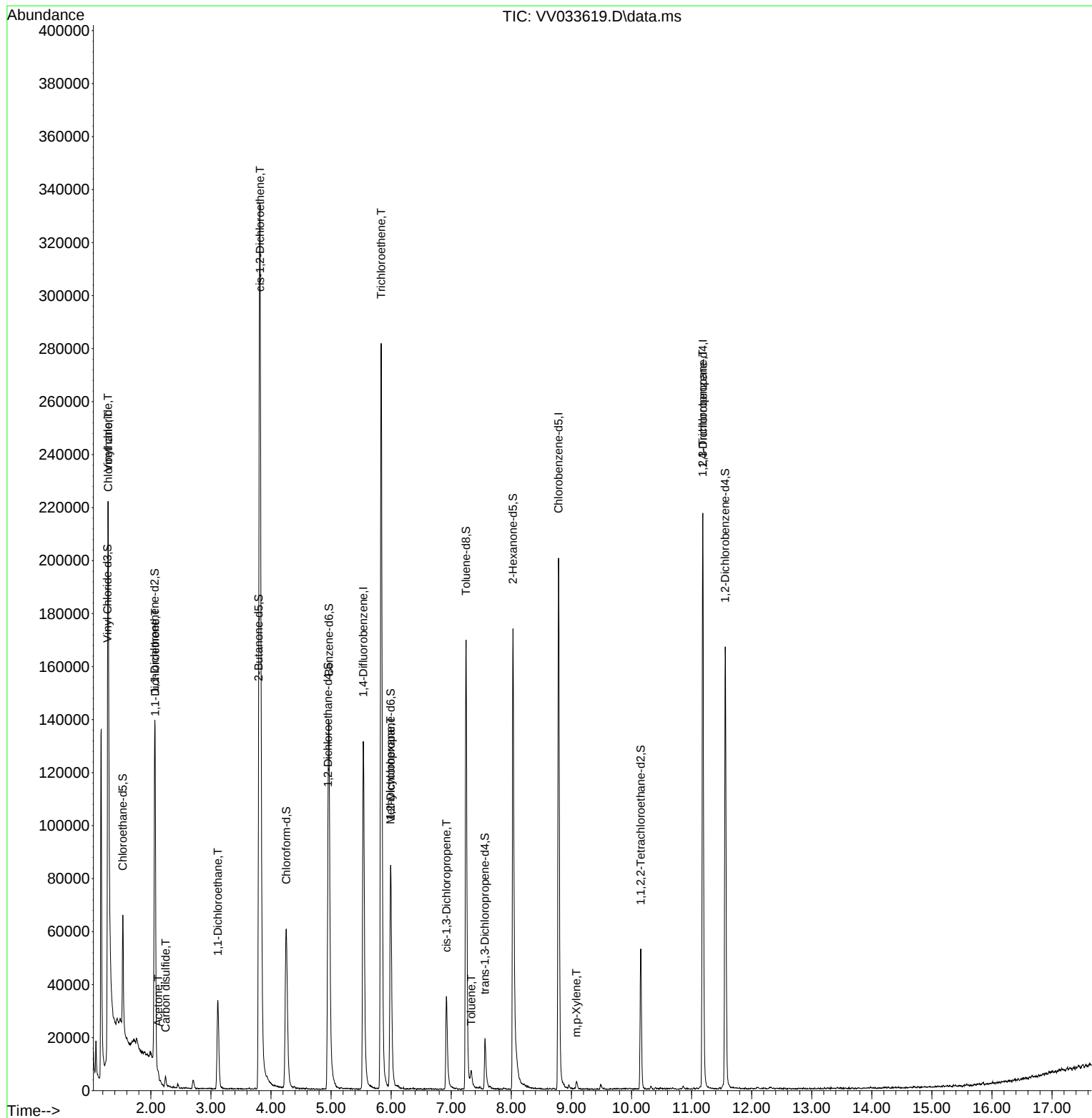
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	115129	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	106155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	54561	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31336	4.977	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.532	69	26183	4.689	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.063	65	13559	4.779	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	3.793	46	79586	51.704	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.400%
24) Chloroform-d	4.253	84	65317	4.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	4.947	65	32456	5.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	4.963	84	124602	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	5.992	67	40921	4.792	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.246	98	112958	4.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	7.561	79	12397	4.199	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.027	63	63892	55.122	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.240%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	27306	5.472	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	42035	5.018	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	16055	1.341	ug/L #	1
8) Chloroethane	1.291	64	257015	35.335	ug/L #	51
12) 1,1-Dichloroethene	2.073	96	21253	2.619	ug/L #	84
13) Acetone	2.124	43	3474	2.780	ug/L	84
14) Carbon disulfide	2.246	76	4336	0.144	ug/L	96
19) 1,1-Dichloroethane	3.114	63	34622	1.901	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	168268	17.529	ug/L	96
34) Trichloroethene	5.835	95	101600	10.126	ug/L	97
35) Methylcyclohexane	5.989	83	9480	0.558	ug/L #	15
39) cis-1,3-Dichloropropene	6.921	75	1024	0.077	ug/L #	54
42) Toluene	7.333	91	4779	0.120	ug/L	99
53) m,p-Xylene	9.082	106	999	0.059	ug/L	90
61) 1,2,3-Trichloropropane	11.185	75	7414	1.695	ug/L #	67

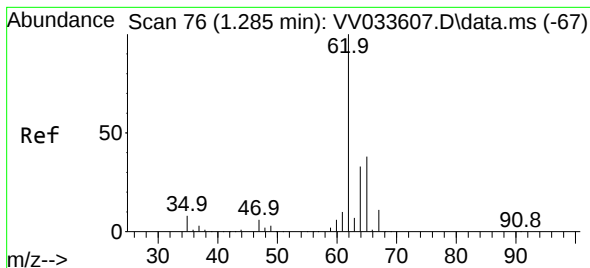
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011224\
Data File : VV033619.D
Acq On : 13 Jan 2024 01:04
Operator : SY/MD
Sample : P1121-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jan 13 01:22:13 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





#5

Vinyl chloride

Concen: 1.341 ug/L

RT: 1.285 min Scan# 70

Delta R.T. 0.000 min

Lab File: VV033619.D

Acq: 13 Jan 2024 01:04

Instrument :

MSVOA_V

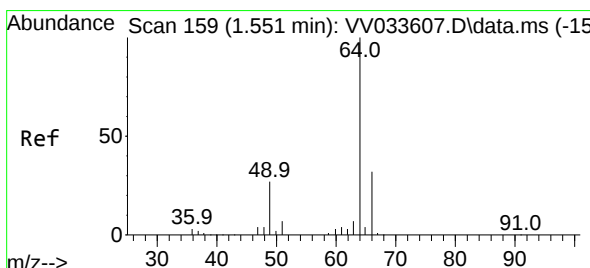
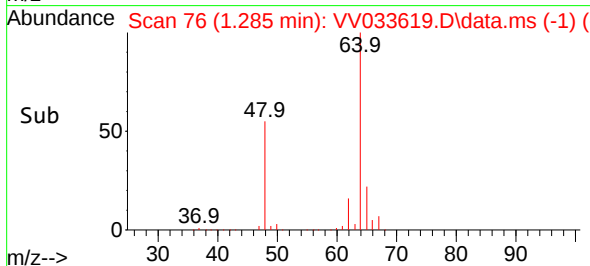
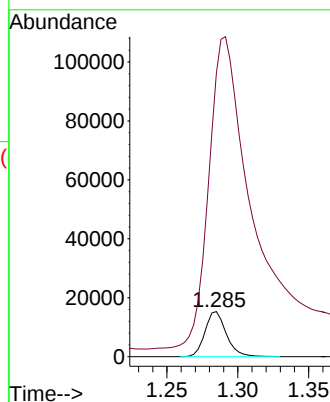
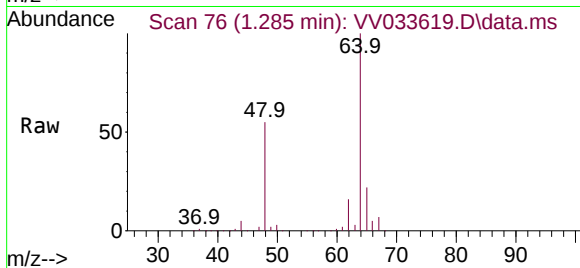
ClientSampleId :

Tgt Ion: 62 Resp: 16055

Ion Ratio Lower Upper

62 100

64 627.7 23.0 42.8#



#8

Chloroethane

Concen: 35.335 ug/L

RT: 1.291 min Scan# 78

Delta R.T. -0.260 min

Lab File: VV033619.D

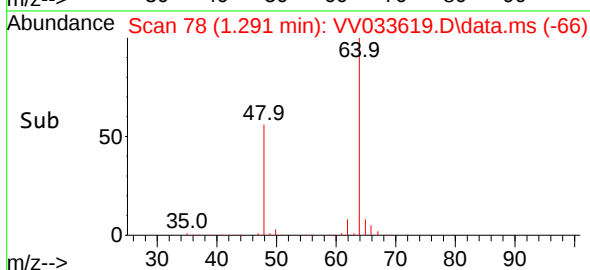
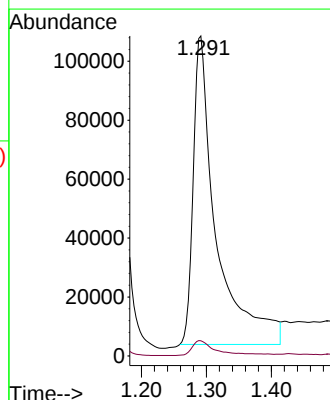
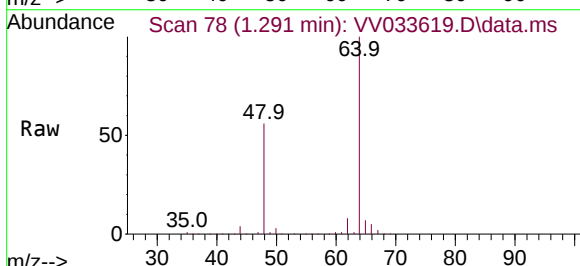
Acq: 13 Jan 2024 01:04

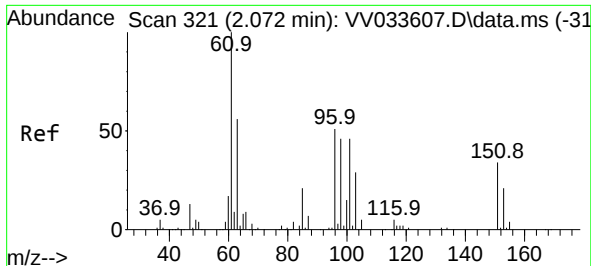
Tgt Ion: 64 Resp: 257015

Ion Ratio Lower Upper

64 100

66 4.7 22.6 42.0#

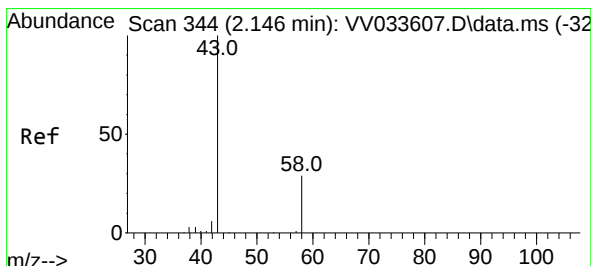
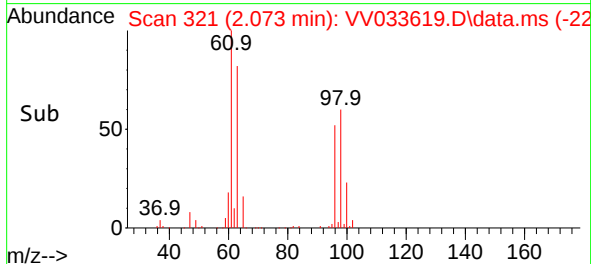
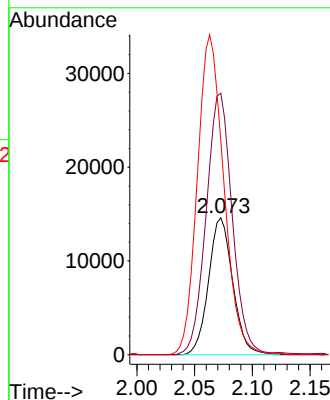
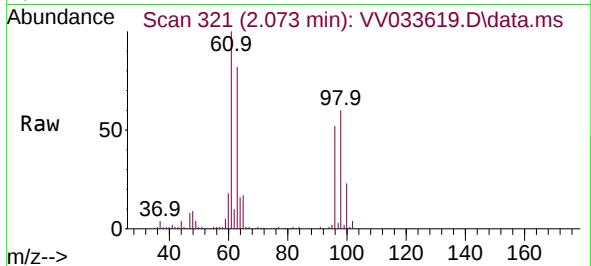




#12
 1,1-Dichloroethene
 Concen: 2.619 ug/L
 RT: 2.073 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV033619.D
 Acq: 13 Jan 2024 01:04

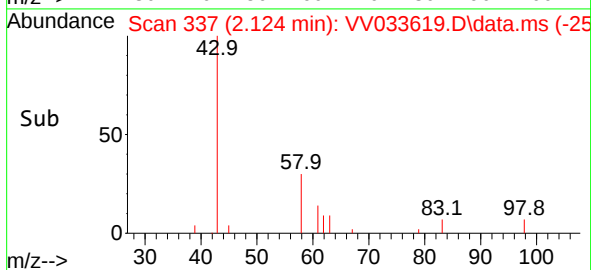
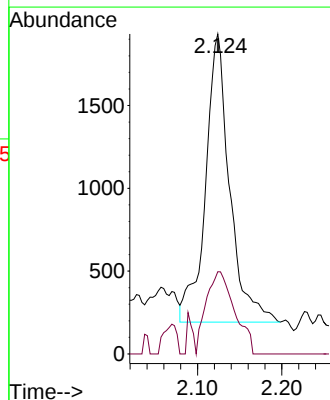
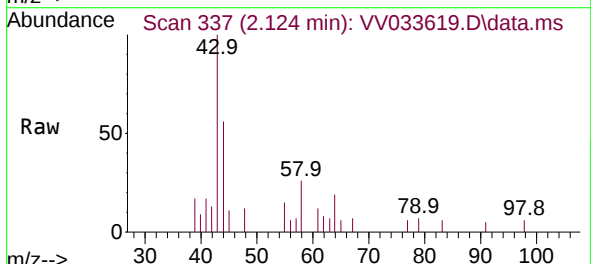
Instrument :
 MSVOA_V
 ClientSampleId :

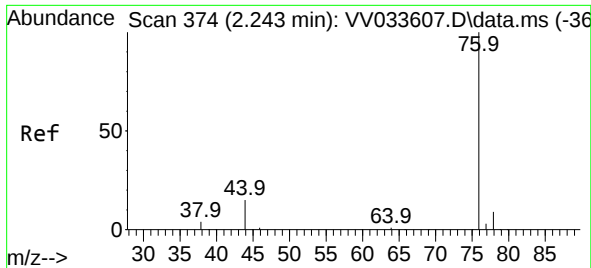
Tgt Ion: 96 Resp: 21253
 Ion Ratio Lower Upper
 96 100
 61 191.1 133.8 248.4
 63 156.3 77.2 143.4#



#13
 Acetone
 Concen: 2.780 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. -0.022 min
 Lab File: VV033619.D
 Acq: 13 Jan 2024 01:04

Tgt Ion: 43 Resp: 3474
 Ion Ratio Lower Upper
 43 100
 58 33.6 0.0 51.0





#14

Carbon disulfide

Concen: 0.144 ug/L

RT: 2.246 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033619.D

Acq: 13 Jan 2024 01:04

Instrument :

MSVOA_V

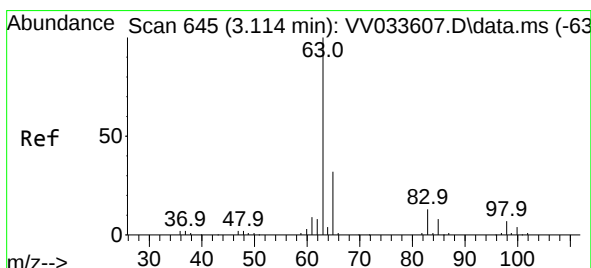
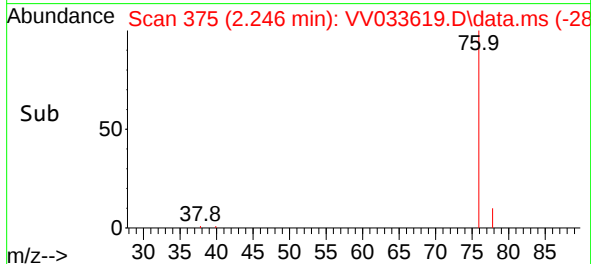
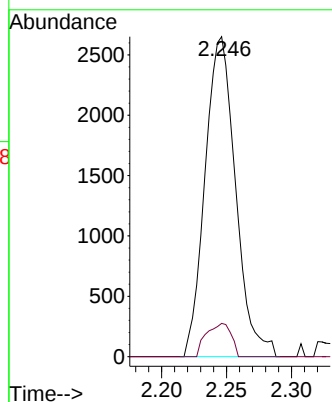
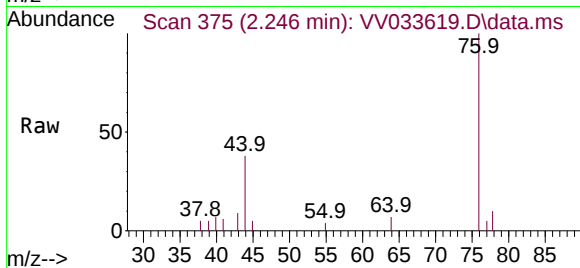
ClientSampleId :

Tgt Ion: 76 Resp: 4336

Ion Ratio Lower Upper

76 100

78 10.4 7.1 10.7



#19

1,1-Dichloroethane

Concen: 1.901 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.000 min

Lab File: VV033619.D

Acq: 13 Jan 2024 01:04

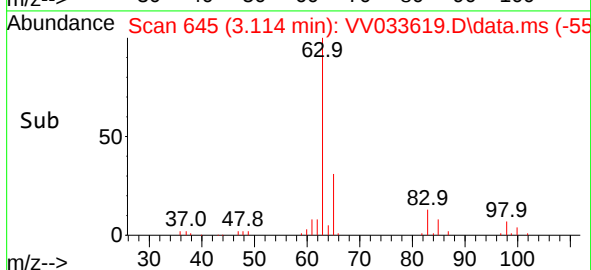
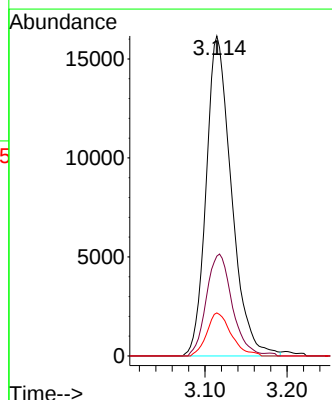
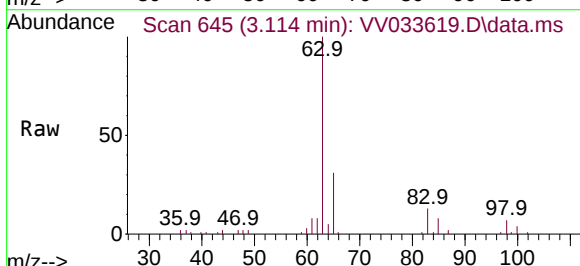
Tgt Ion: 63 Resp: 34622

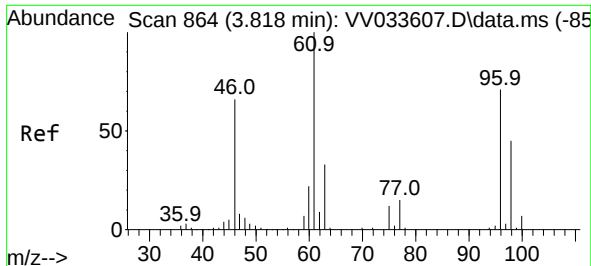
Ion Ratio Lower Upper

63 100

65 31.2 21.6 40.2

83 13.4 9.1 16.9





#22

cis-1,2-Dichloroethene

Concen: 17.529 ug/L

RT: 3.815 min Scan# 863

Delta R.T. -0.003 min

Lab File: VV033619.D

Acq: 13 Jan 2024 01:04

Instrument :

MSVOA_V

ClientSampleId :

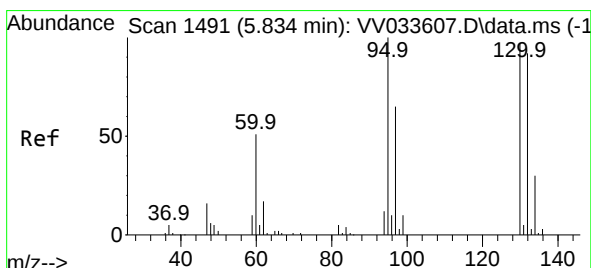
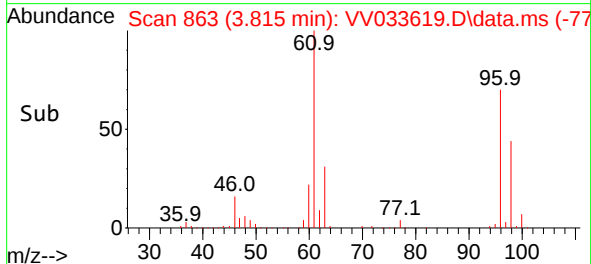
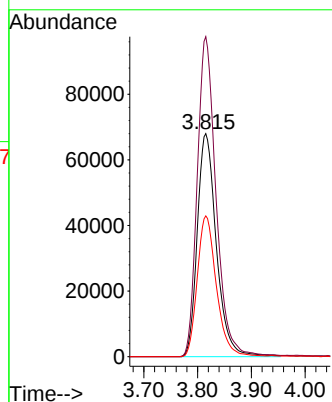
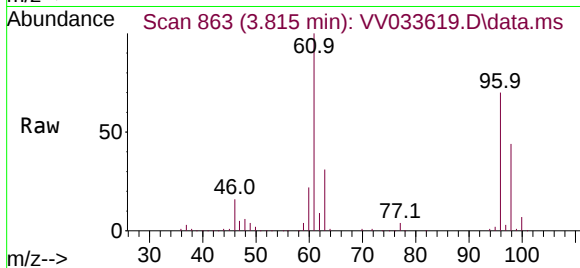
Tgt Ion: 96 Resp: 168268

Ion Ratio Lower Upper

96 100

61 143.4 97.1 180.3

98 63.1 42.6 79.0



#34

Trichloroethene

Concen: 10.126 ug/L

RT: 5.835 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV033619.D

Acq: 13 Jan 2024 01:04

Tgt Ion: 95 Resp: 101600

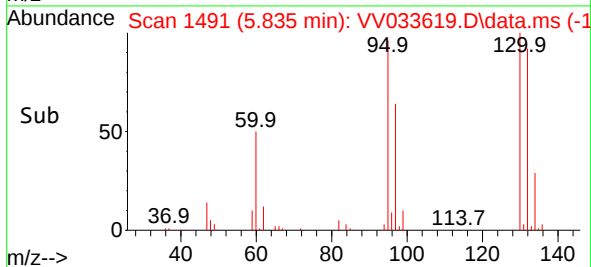
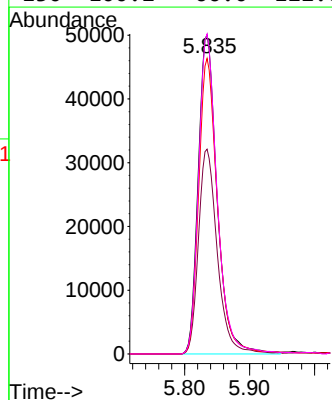
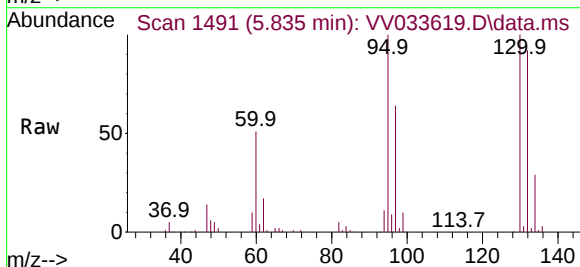
Ion Ratio Lower Upper

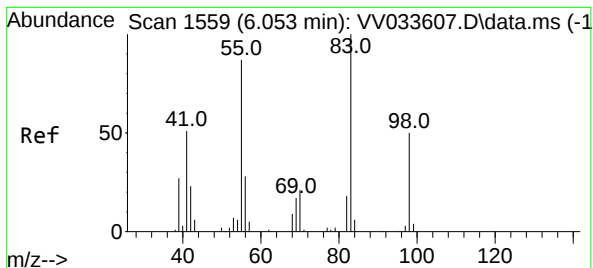
95 100

97 64.2 45.1 83.9

132 92.6 65.2 121.2

130 100.2 66.0 122.6





#35

Methylcyclohexane

Concen: 0.558 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.064 min

Lab File: VV033619.D

Acq: 13 Jan 2024 01:04

Instrument :

MSVOA_V

ClientSampleId :

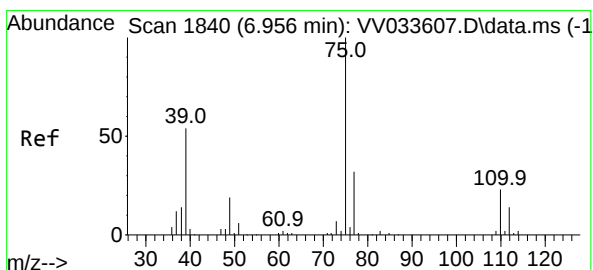
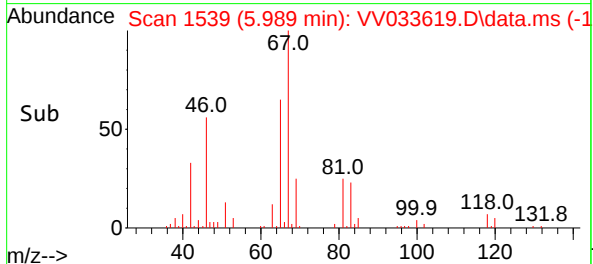
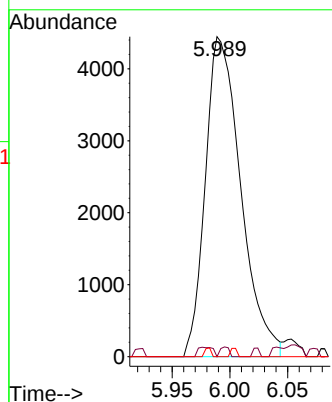
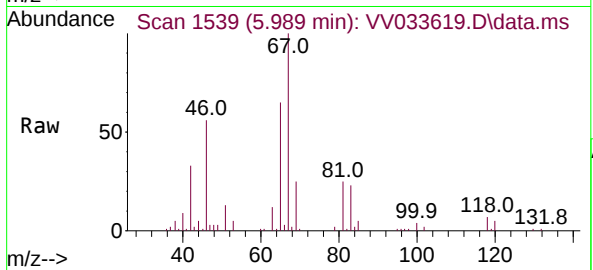
Tgt Ion: 83 Resp: 9480

Ion Ratio Lower Upper

83 100

55 0.8 68.7 103.1#

98 0.5 38.3 57.5#



#39

cis-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.035 min

Lab File: VV033619.D

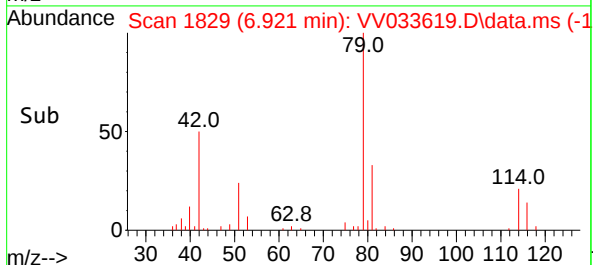
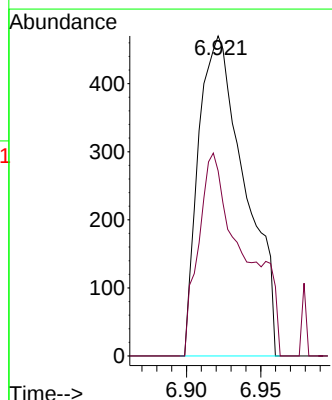
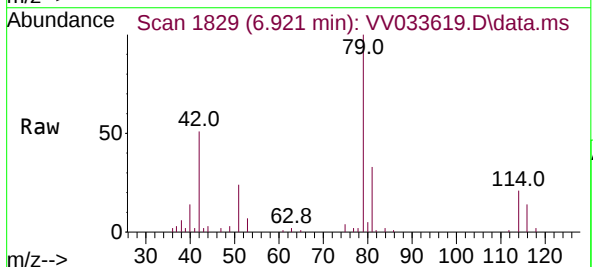
Acq: 13 Jan 2024 01:04

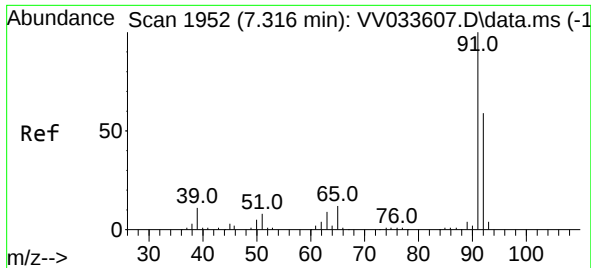
Tgt Ion: 75 Resp: 1024

Ion Ratio Lower Upper

75 100

77 57.9 22.5 41.7#





#42

Toluene

Concen: 0.120 ug/L

RT: 7.333 min Scan# 1952

Delta R.T. 0.016 min

Lab File: VV033619.D

Acq: 13 Jan 2024 01:04

Instrument :

MSVOA_V

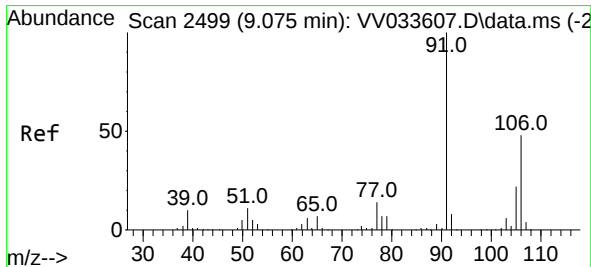
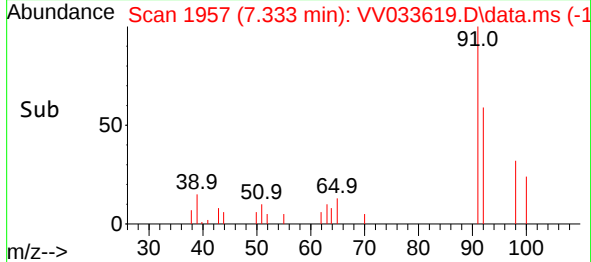
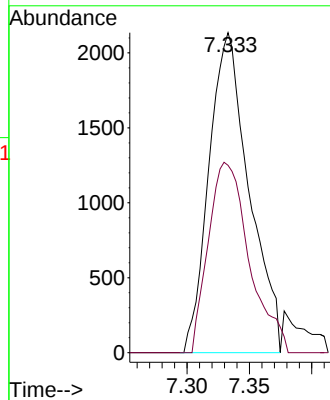
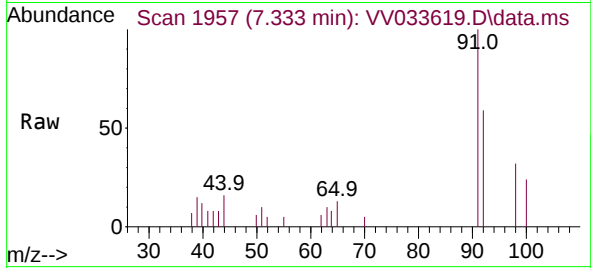
ClientSampleId :

Tgt Ion: 91 Resp: 4779

Ion Ratio Lower Upper

91 100

92 58.5 40.5 75.3



#53

m,p-Xylene

Concen: 0.059 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.007 min

Lab File: VV033619.D

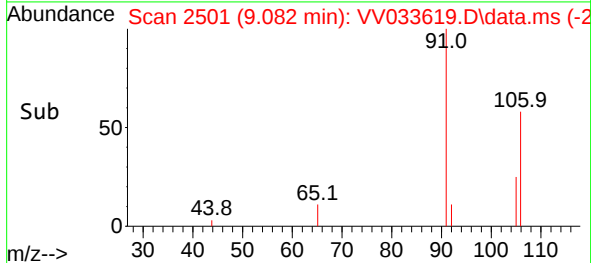
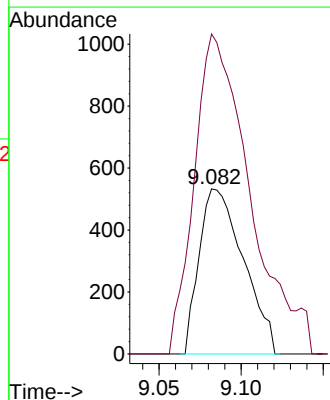
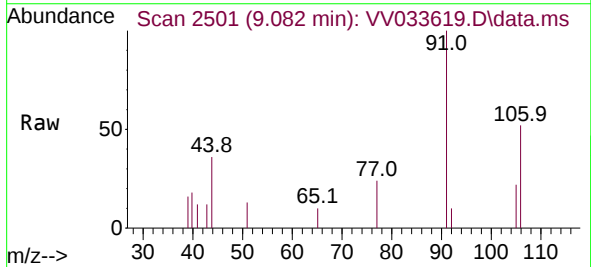
Acq: 13 Jan 2024 01:04

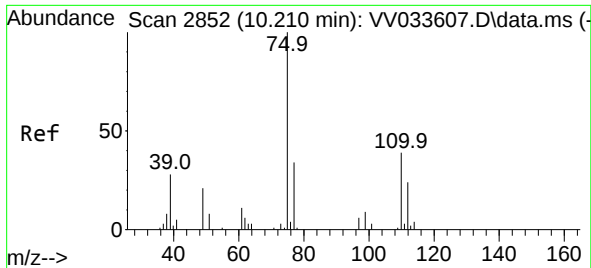
Tgt Ion: 106 Resp: 999

Ion Ratio Lower Upper

106 100

91 193.8 146.2 271.4





#61

1,2,3-Trichloropropane

Concen: 1.695 ug/L

RT: 11.185 min Scan# 31

Delta R.T. 0.974 min

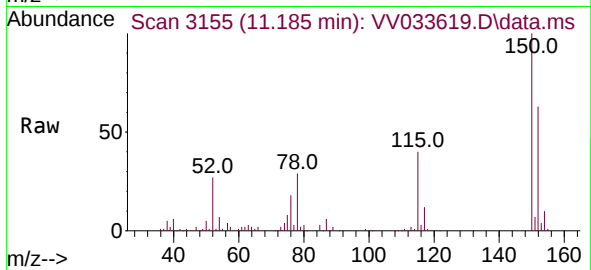
Lab File: VV033619.D

Acq: 13 Jan 2024 01:04

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 7414

Ion Ratio Lower Upper

75 100

77 33.9 24.7 37.1

110 2.1 28.0 42.0#

