

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011224\
 Data File : VW033618.D
 Acq On : 13 Jan 2024 00:40
 Operator : SY/MD
 Sample : P1121-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 13 01:00:18 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	5.542	114	42127	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	39850	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	20532	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	15024	6.522	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	130.400%#
7) Chloroethane-d5	1.532	69	10761	5.267	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.400%
11) 1,1-Dichloroethene-d2	2.063	65	5859	5.644	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.800%
20) 2-Butanone-d5	3.786	46	89309	158.565	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	317.120%#
24) Chloroform-d	4.256	84	25539	5.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	4.950	65	17102	7.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	153.200%#
32) Benzene-d6	4.966	84	47044	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	5.995	67	16392	5.113	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.249	98	41893	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	7.567	79	6322	5.704	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	114.000%
46) 2-Hexanone-d5	8.024	63	63662	146.308	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	292.620%#
56) 1,1,2,2-Tetrachloroeth...	10.156	84	19882	10.614	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	212.200%#
66) 1,2-Dichlorobenzene-d4	11.564	152	17927	5.687	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.800%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	459	0.100	ug/L #	42
5) Vinyl chloride	1.285	62	11346	2.589	ug/L #	1
8) Chloroethane	1.285	64	214542	80.609	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	371	0.124	ug/L #	23
12) 1,1-Dichloroethene	2.072	96	101047	34.028	ug/L #	82
13) Acetone	2.108	43	279078	610.361	ug/L	95
14) Carbon disulfide	2.246	76	2220	0.202	ug/L #	92
15) Methyl Acetate	2.375	43	25734	23.547	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	529	0.158	ug/L	96
19) 1,1-Dichloroethane	3.114	63	65314	9.799	ug/L	97
21) 2-Butanone	3.860	43	252180	397.332	ug/L	97
22) cis-1,2-Dichloroethene	3.815	96	111948	31.872	ug/L	99
34) Trichloroethene	5.831	95	694696	184.447	ug/L	99
35) Methylcyclohexane	5.995	83	3909	0.613	ug/L #	15
37) 1,2-Dichloropropane	6.104	63	2577	0.733	ug/L #	87
39) cis-1,3-Dichloropropene	6.931	75	357	0.071	ug/L #	27
48) 2-Hexanone	8.091	43	3738	3.159	ug/L #	93
61) 1,2,3-Trichloropropane	11.191	75	2999	1.822	ug/L #	66

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jan 13 00:29:44 2024
Response via : Initial Calibration

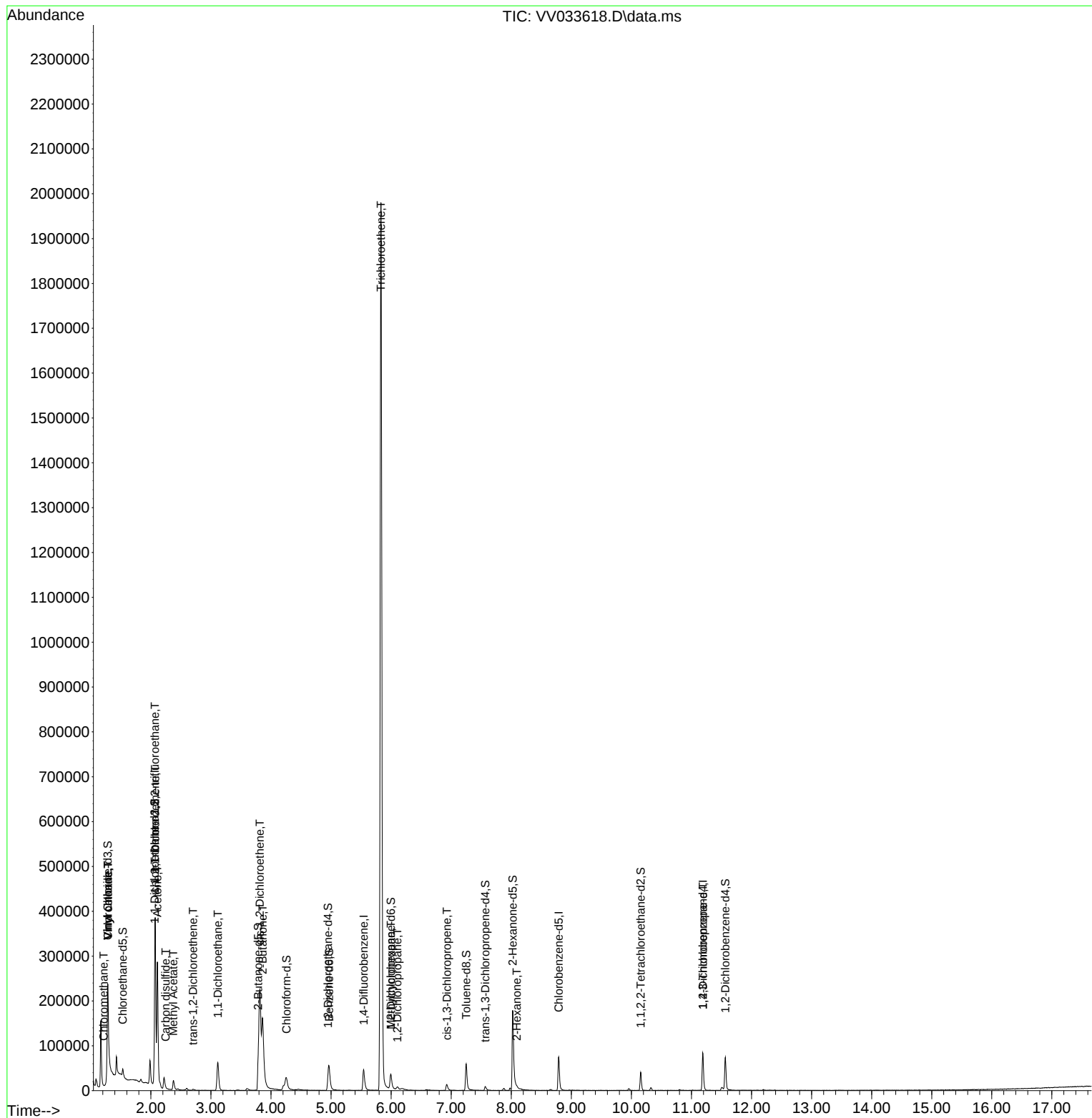
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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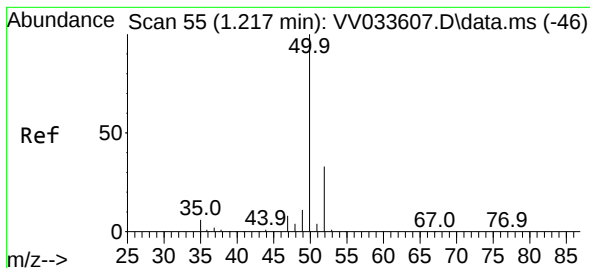
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.100 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV033618.D

Acq: 13 Jan 2024 00:40

Instrument :

MSVOA_V

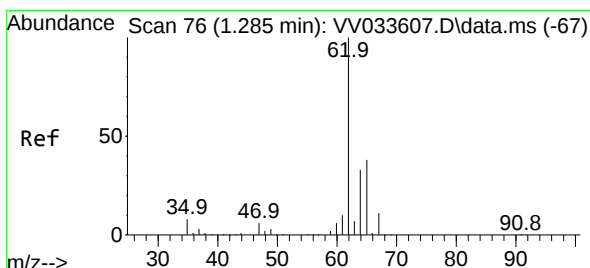
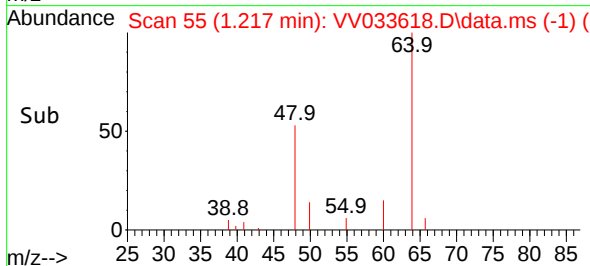
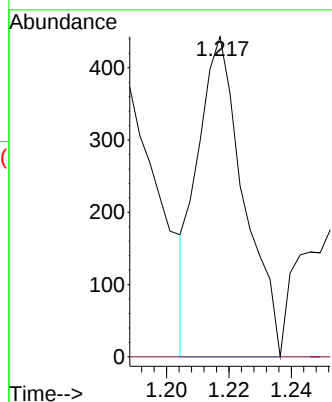
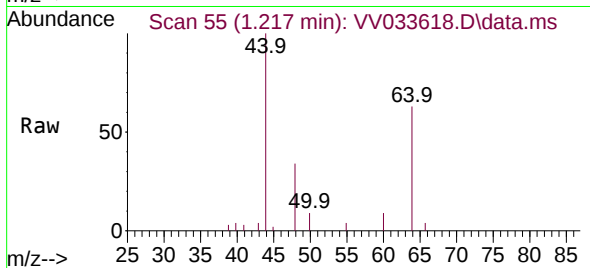
ClientSampleId :

Tgt Ion: 50 Resp: 459

Ion Ratio Lower Upper

50 100

52 0.0 23.1 42.9#



#5

Vinyl chloride

Concen: 2.589 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV033618.D

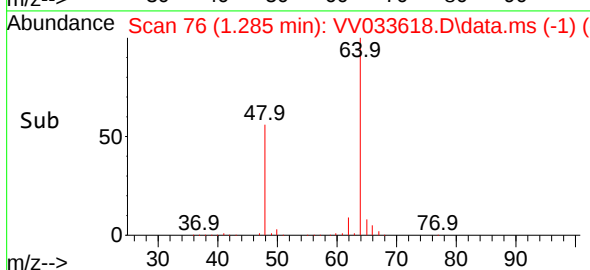
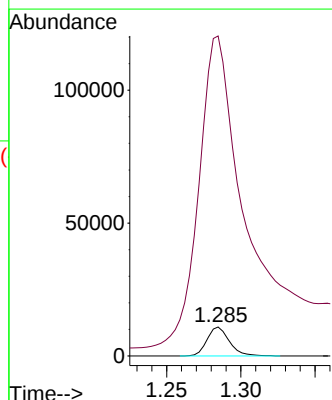
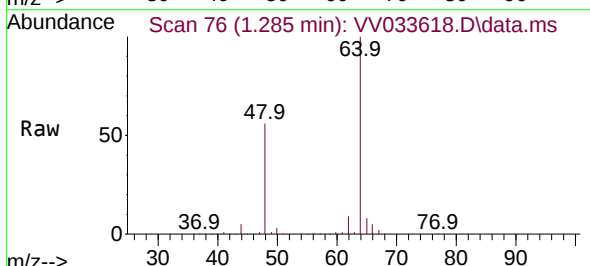
Acq: 13 Jan 2024 00:40

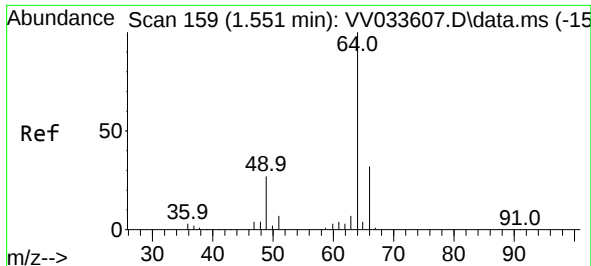
Tgt Ion: 62 Resp: 11346

Ion Ratio Lower Upper

62 100

64 1104.1 23.0 42.8#





#8

Chloroethane

Concen: 80.609 ug/L

RT: 1.285 min Scan# 7

Delta R.T. -0.267 min

Lab File: VV033618.D

Acq: 13 Jan 2024 00:40

Instrument :

MSVOA_V

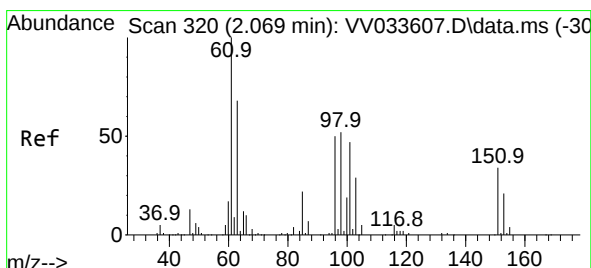
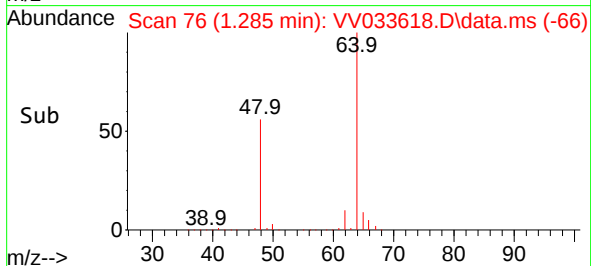
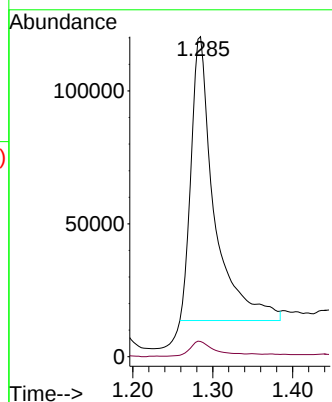
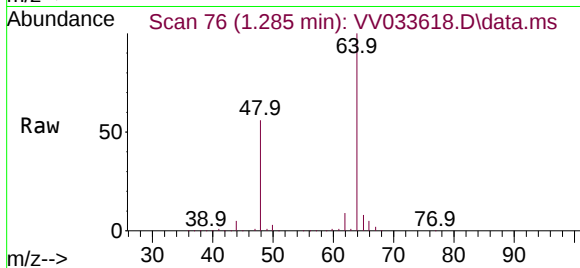
ClientSampleId :

Tgt Ion: 64 Resp: 214542

Ion Ratio Lower Upper

64 100

66 4.8 22.6 42.0#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.124 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV033618.D

Acq: 13 Jan 2024 00:40

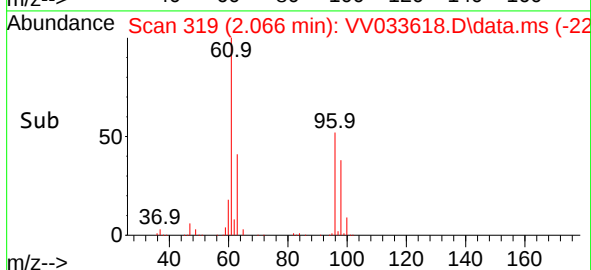
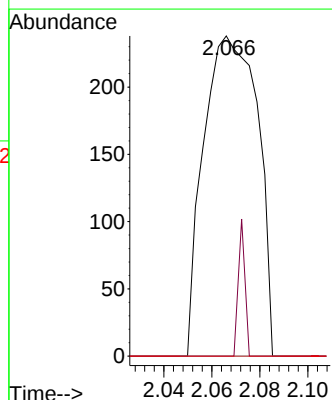
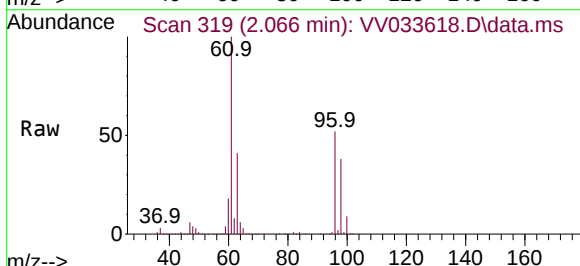
Tgt Ion: 101 Resp: 371

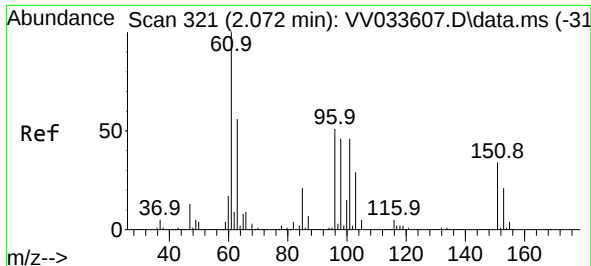
Ion Ratio Lower Upper

101 100

85 5.4 36.4 54.6#

151 0.0 58.1 87.1#





#12

1,1-Dichloroethene

Concen: 34.028 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033618.D

Acq: 13 Jan 2024 00:40

Instrument :

MSVOA_V

ClientSampleId :

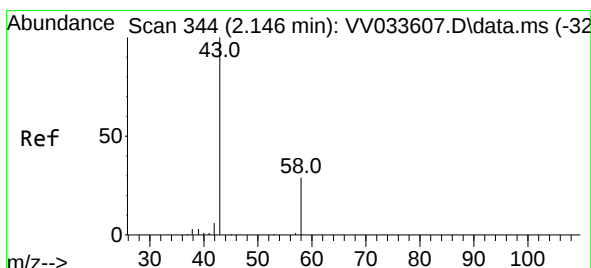
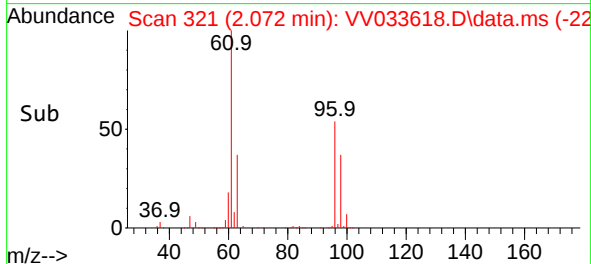
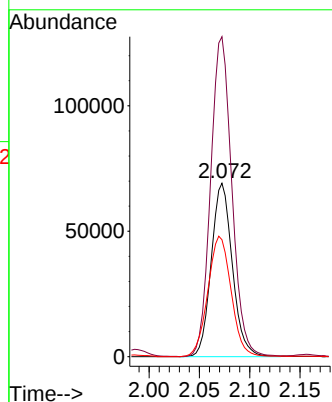
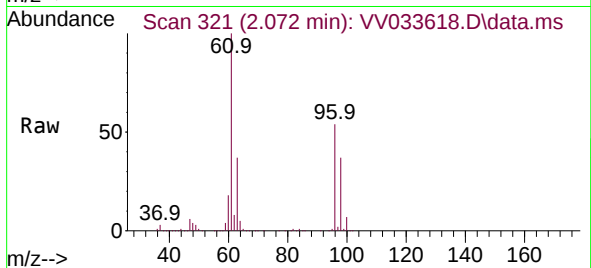
Tgt Ion: 96 Resp: 101047

Ion Ratio Lower Upper

96 100

61 184.5 133.8 248.4

63 67.5 77.2 143.4#



#13

Acetone

Concen: 610.361 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.039 min

Lab File: VV033618.D

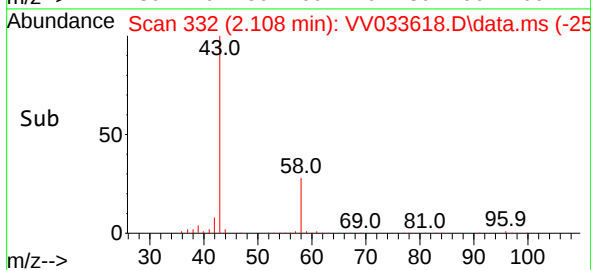
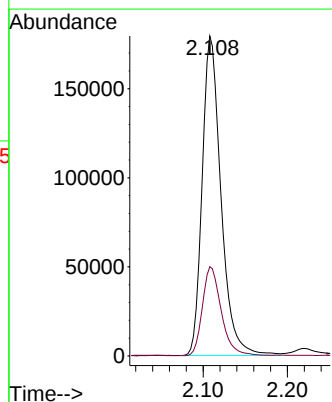
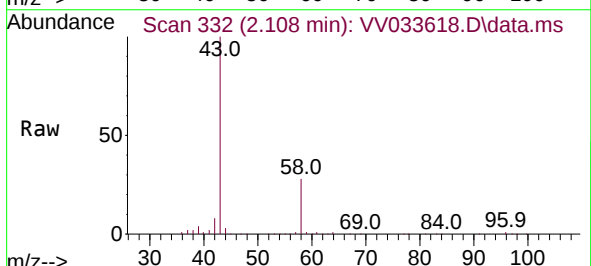
Acq: 13 Jan 2024 00:40

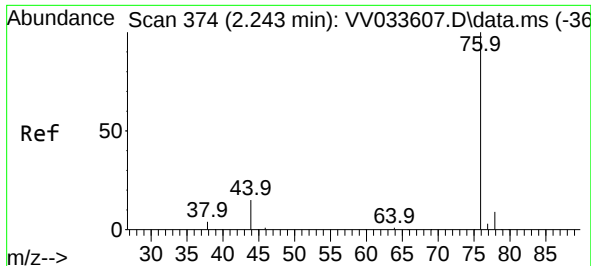
Tgt Ion: 43 Resp: 279078

Ion Ratio Lower Upper

43 100

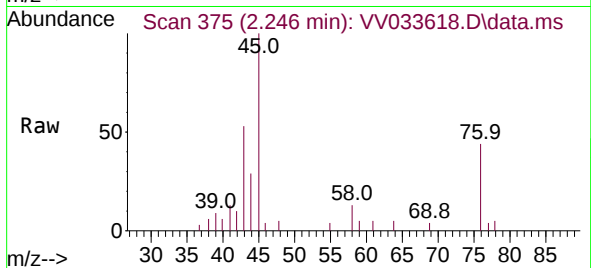
58 27.9 0.0 51.0



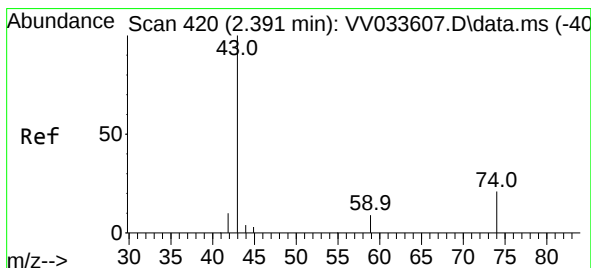
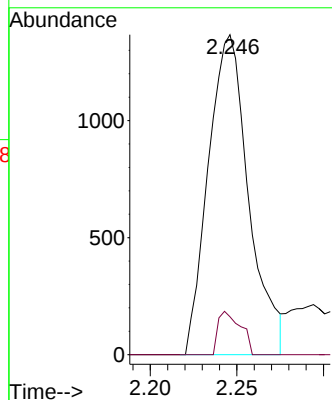
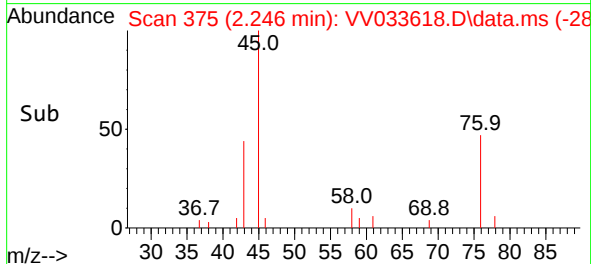


#14
Carbon disulfide
Concen: 0.202 ug/L
RT: 2.246 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV033618.D
Acq: 13 Jan 2024 00:40

Instrument :
MSVOA_V
ClientSampleId :

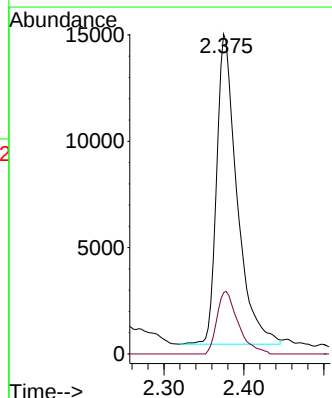
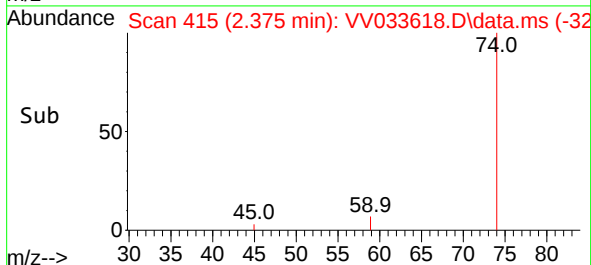
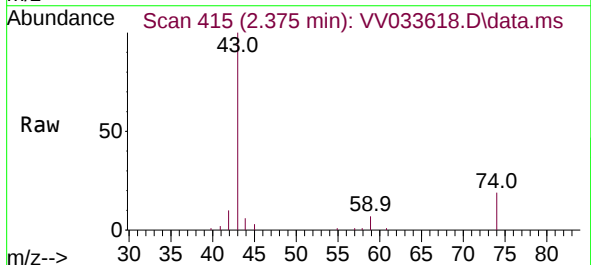


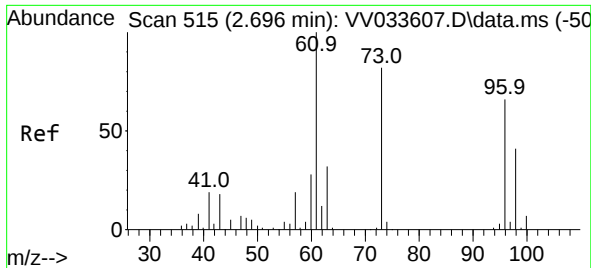
Tgt Ion: 76 Resp: 2220
Ion Ratio Lower Upper
76 100
78 11.9 7.1 10.7#



#15
Methyl Acetate
Concen: 23.547 ug/L
RT: 2.375 min Scan# 415
Delta R.T. -0.016 min
Lab File: VV033618.D
Acq: 13 Jan 2024 00:40

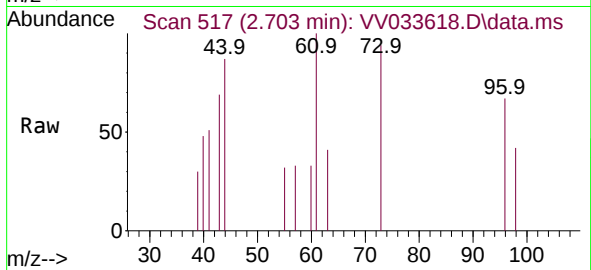
Tgt Ion: 43 Resp: 25734
Ion Ratio Lower Upper
43 100
74 21.0 16.6 24.8





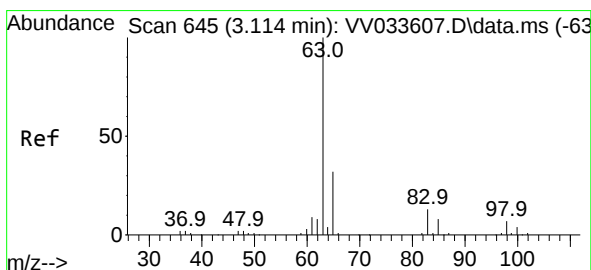
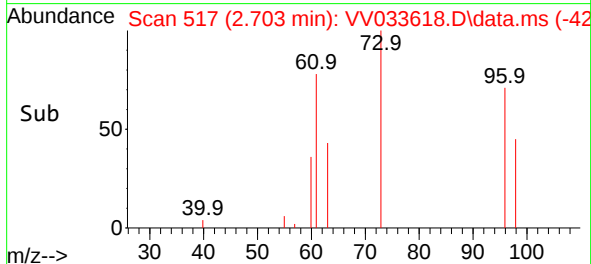
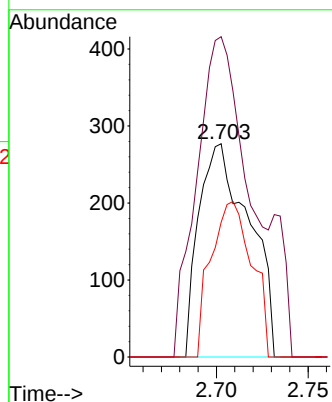
#18
trans-1,2-Dichloroethene
Concen: 0.158 ug/L
RT: 2.703 min Scan# 515
Delta R.T. 0.006 min
Lab File: VV033618.D
Acq: 13 Jan 2024 00:40

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 529

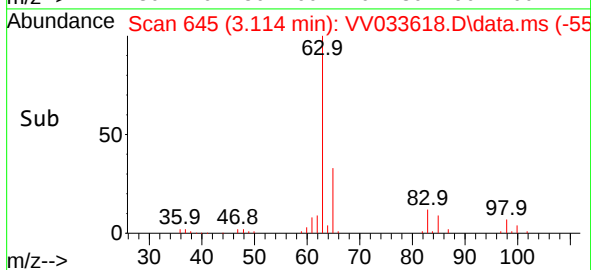
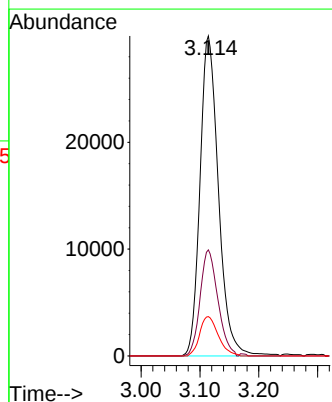
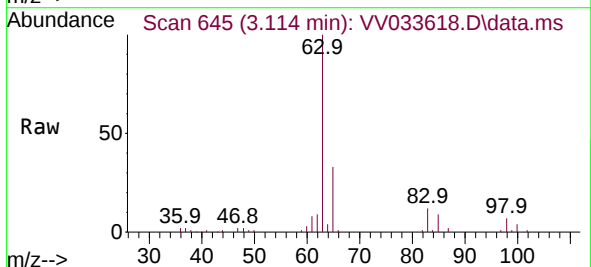
Ion	Ratio	Lower	Upper
96	100		
61	150.2	110.4	205.0
98	63.2	44.1	81.9

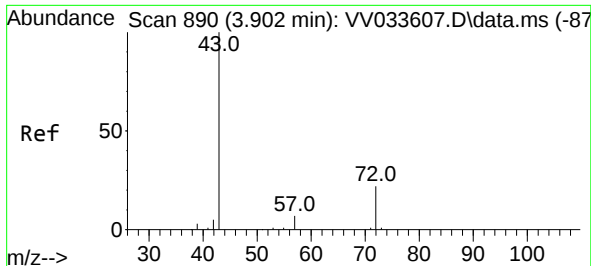


#19
1,1-Dichloroethane
Concen: 9.799 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.000 min
Lab File: VV033618.D
Acq: 13 Jan 2024 00:40

Tgt Ion: 63 Resp: 65314

Ion	Ratio	Lower	Upper
63	100		
65	33.1	21.6	40.2
83	12.3	9.1	16.9

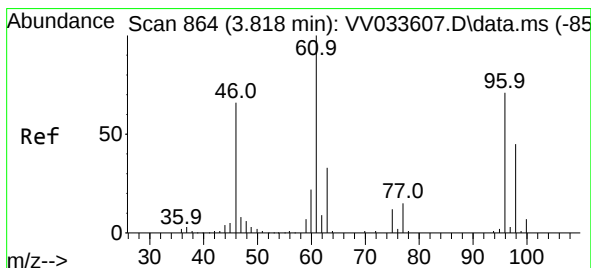
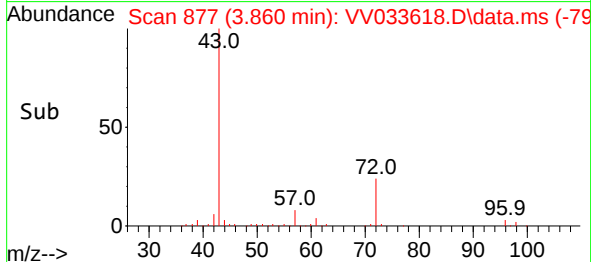
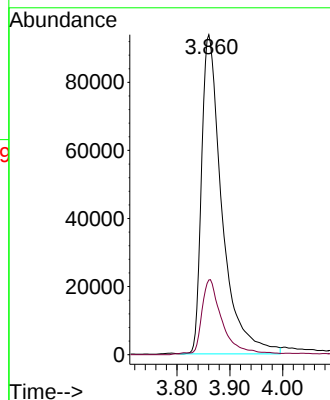
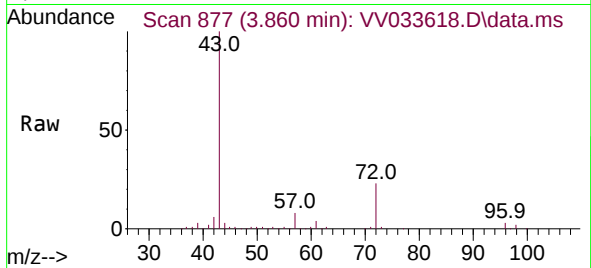




#21
2-Butanone
Concen: 397.332 ug/L
RT: 3.860 min Scan# 81
Delta R.T. -0.042 min
Lab File: VV033618.D
Acq: 13 Jan 2024 00:40

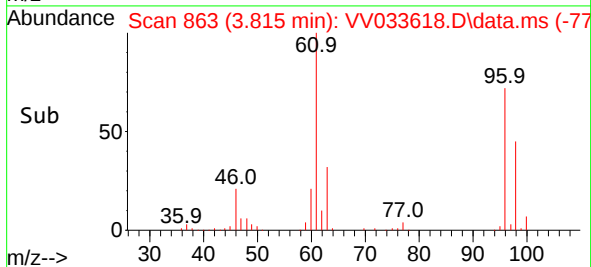
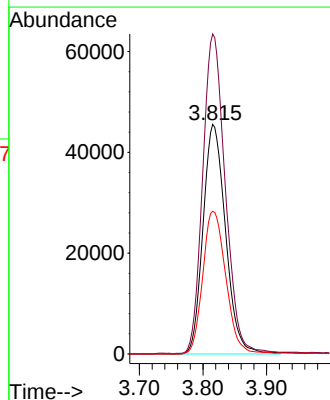
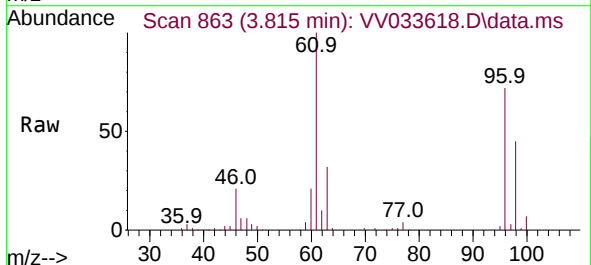
Instrument :
MSVOA_V
ClientSampleId :

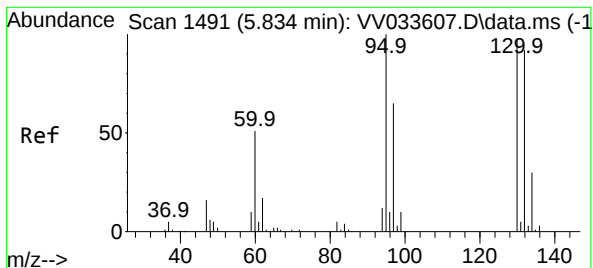
Tgt Ion: 43 Resp: 252180
Ion Ratio Lower Upper
43 100
72 22.5 10.5 31.6



#22
cis-1,2-Dichloroethene
Concen: 31.872 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.003 min
Lab File: VV033618.D
Acq: 13 Jan 2024 00:40

Tgt Ion: 96 Resp: 111948
Ion Ratio Lower Upper
96 100
61 139.4 97.1 180.3
98 62.2 42.6 79.0





#34

Trichloroethene

Concen: 184.447 ug/L

RT: 5.831 min Scan# 1491

Delta R.T. -0.003 min

Lab File: VV033618.D

Acq: 13 Jan 2024 00:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 694696

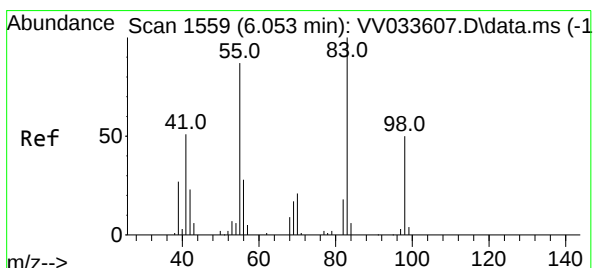
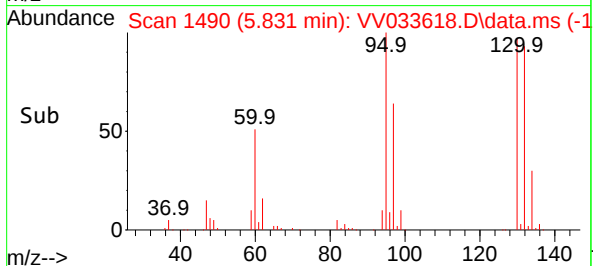
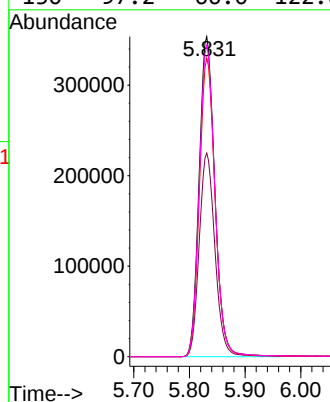
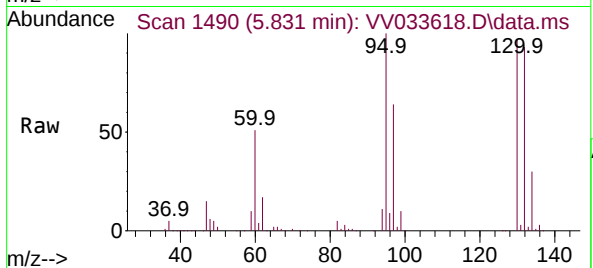
Ion Ratio Lower Upper

95 100

97 63.6 45.1 83.9

132 93.3 65.2 121.2

130 97.2 66.0 122.6



#35

Methylcyclohexane

Concen: 0.613 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.058 min

Lab File: VV033618.D

Acq: 13 Jan 2024 00:40

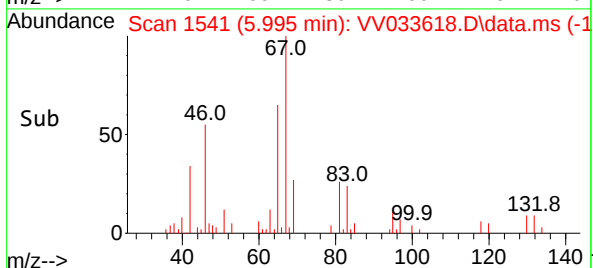
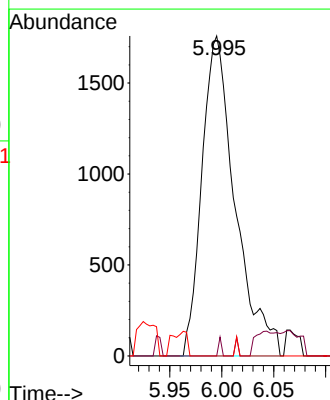
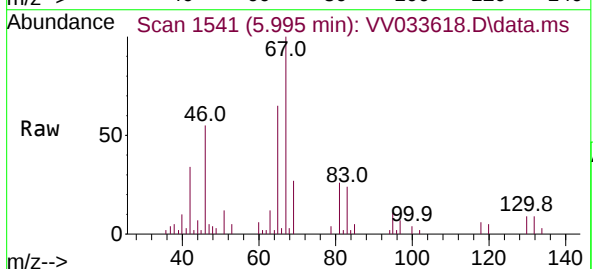
Tgt Ion: 83 Resp: 3909

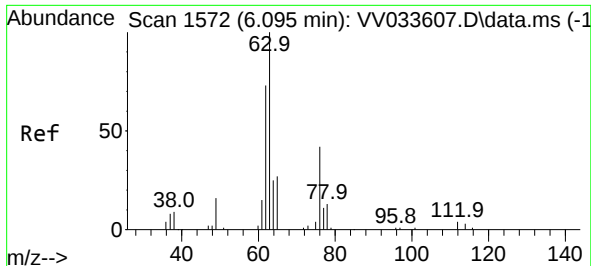
Ion Ratio Lower Upper

83 100

55 0.5 68.7 103.1#

98 0.0 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.733 ug/L

RT: 6.104 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV033618.D

Acq: 13 Jan 2024 00:40

Instrument :

MSVOA_V

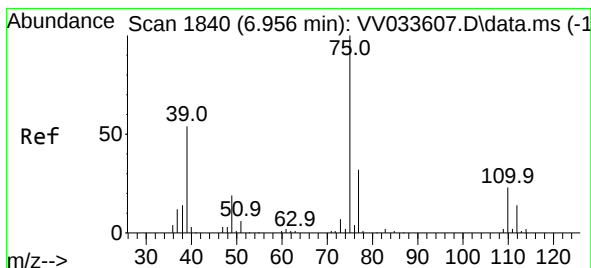
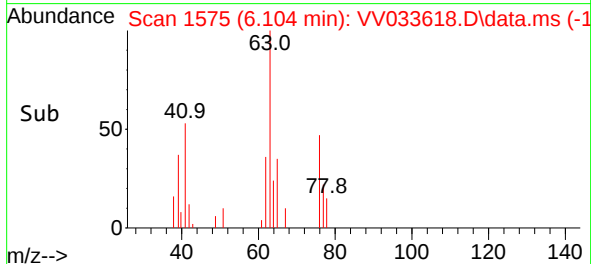
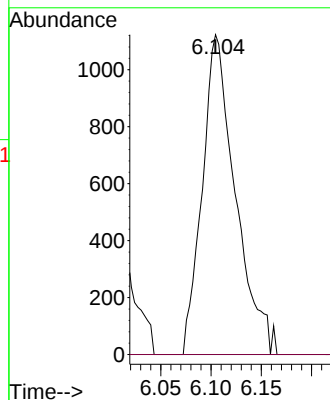
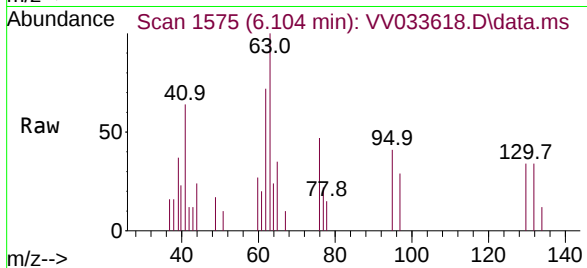
ClientSampleId :

Tgt Ion: 63 Resp: 2577

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 6.931 min Scan# 1832

Delta R.T. -0.026 min

Lab File: VV033618.D

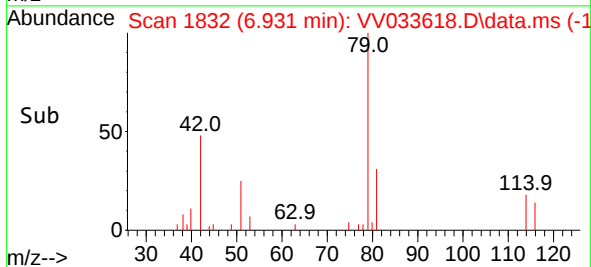
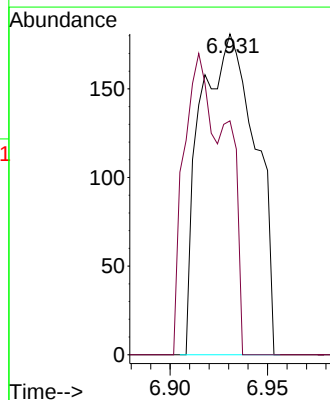
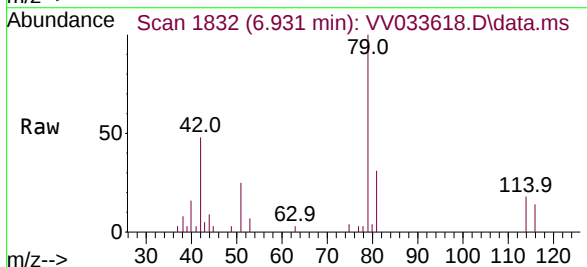
Acq: 13 Jan 2024 00:40

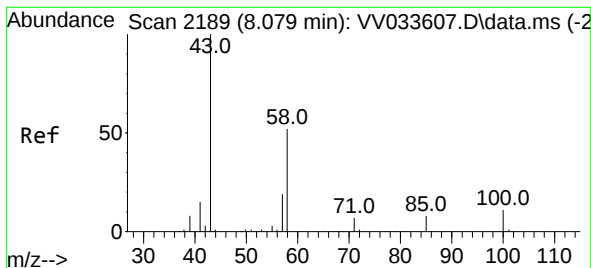
Tgt Ion: 75 Resp: 357

Ion Ratio Lower Upper

75 100

77 72.9 22.5 41.7#





#48

2-Hexanone

Concen: 3.159 ug/L

RT: 8.091 min Scan# 2189

Delta R.T. 0.013 min

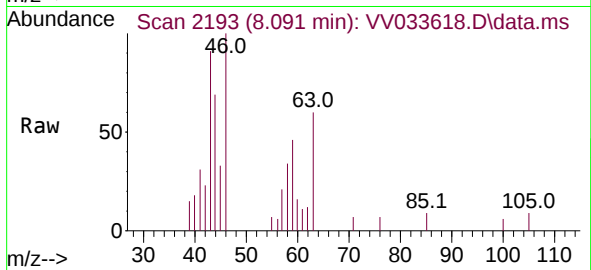
Lab File: VV033618.D

Acq: 13 Jan 2024 00:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 3738

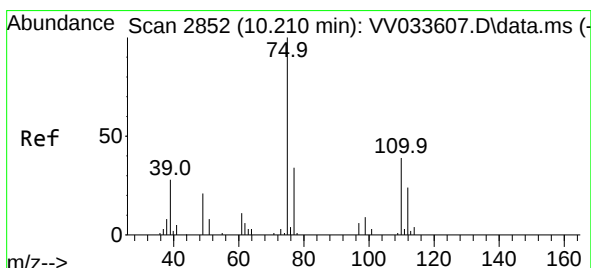
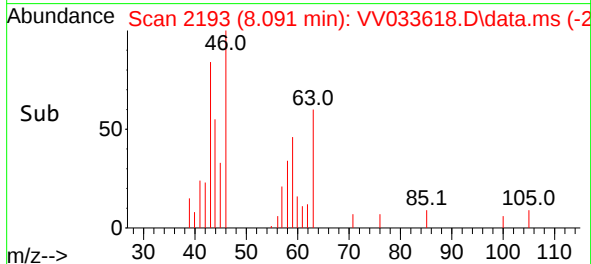
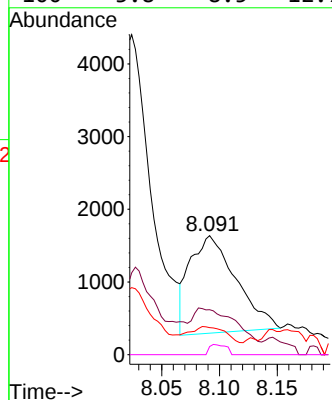
Ion Ratio Lower Upper

43 100

58 47.5 40.6 61.0

57 13.4 13.8 20.8#

100 3.8 8.5 12.7#



#61

1,2,3-Trichloropropane

Concen: 1.822 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.981 min

Lab File: VV033618.D

Acq: 13 Jan 2024 00:40

Tgt Ion: 75 Resp: 2999

Ion Ratio Lower Upper

75 100

77 32.8 24.7 37.1

110 0.0 28.0 42.0#

