

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011924\
 Data File : VW033770.D
 Acq On : 19 Jan 2024 22:23
 Operator : SY/MD
 Sample : P1189-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 20 00:31:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 23:43:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	224302	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	212263	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	113121	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	68570	39.777	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.560%
7) Chloroethane-d5	1.529	69	54555	39.962	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.920%
11) 1,1-Dichloroethene-d2	2.060	65	30619	41.271	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.540%
21) 2-Butanone-d5	3.783	46	102601	86.772	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.770%
24) Chloroform-d	4.249	84	145667	47.256	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.520%
26) 1,2-Dichloroethane-d4	4.941	65	86711	43.537	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.080%
32) Benzene-d6	4.960	84	243793	40.400	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	5.989	67	78086	39.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.620%
41) Toluene-d8	7.243	98	225348	41.446	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.900%
43) trans-1,3-Dichloroprop...	7.551	79	36975	37.664	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.320%
47) 2-Hexanone-d5	8.021	63	79002	95.883	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.880%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	110573	43.604	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	94209	43.895	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	11753	5.539	ug/L	100
5) Vinyl chloride	1.285	62	466666	229.893	ug/L #	75
8) Chloroethane	1.285	64	383297	316.663	ug/L #	46
12) 1,1-Dichloroethene	2.069	96	1973	1.466	ug/L #	1
13) Acetone	2.114	43	16195	14.325	ug/L	92
14) Carbon disulfide	2.243	76	34992	7.648	ug/L	99
15) Methyl Acetate	2.375	43	20796	11.249	ug/L #	100
16) Methylene chloride	2.445	84	113118	68.882	ug/L	97
17) trans-1,2-Dichloroethene	2.696	96	11727	7.799	ug/L	95
20) cis-1,2-Dichloroethene	3.812	96	610023	364.504	ug/L	96
22) 2-Butanone	3.892	43	11047	8.045	ug/L #	66
25) Chloroform	4.275	83	492308	168.902	ug/L	99
29) Cyclohexane	4.693	56	2128	0.711	ug/L #	21
34) Trichloroethene	5.844	95	1583	0.947	ug/L	88
39) cis-1,3-Dichloropropene	6.912	75	2810	0.981	ug/L #	80
44) trans-1,3-Dichloropropene	7.551	75	1983	0.751	ug/L	92
46) Tetrachloroethene	7.905	164	1241	1.012	ug/L	85

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011924\
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ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jan 20 00:31:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 19 23:43:59 2024
Response via : Initial Calibration

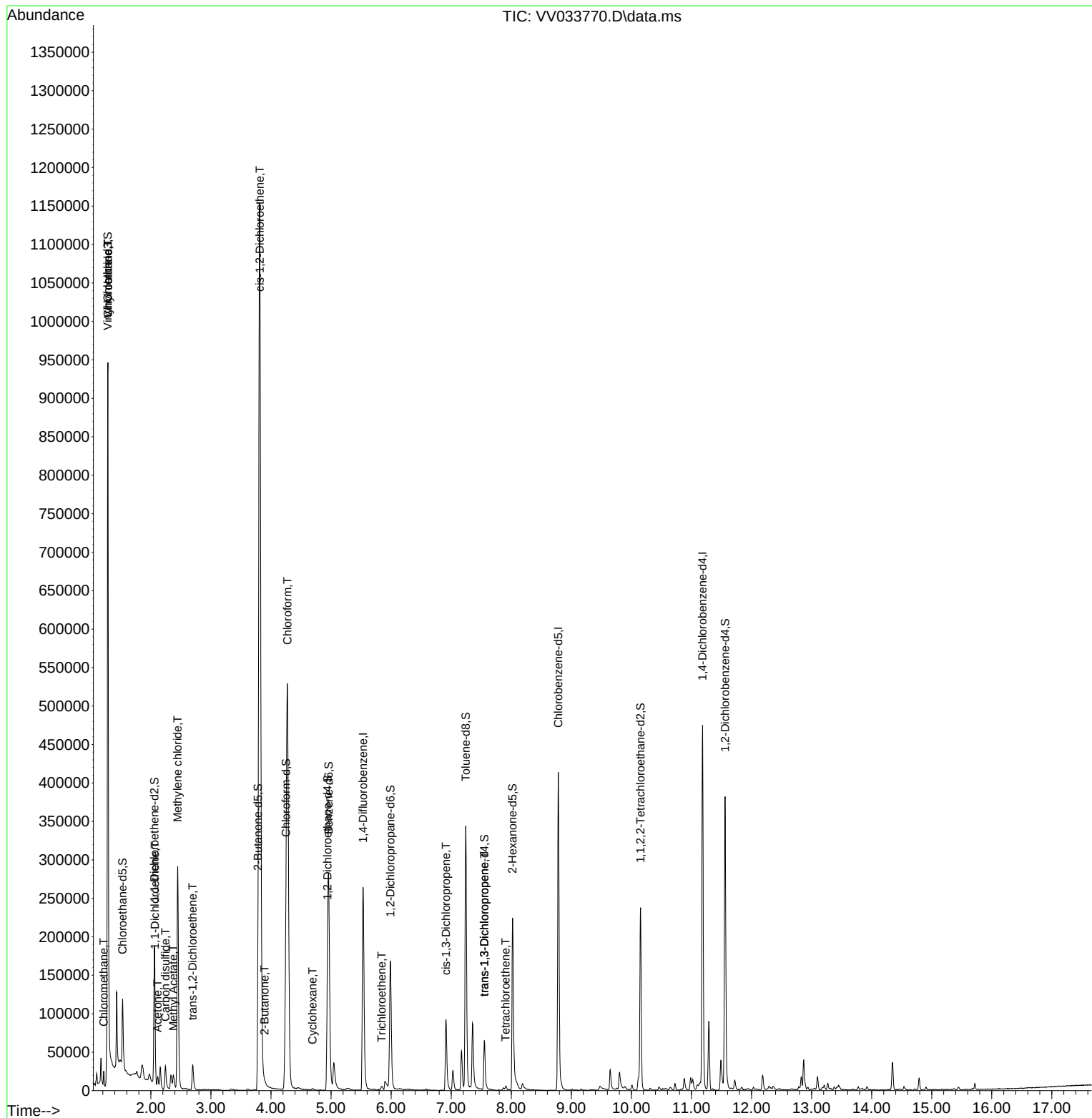
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

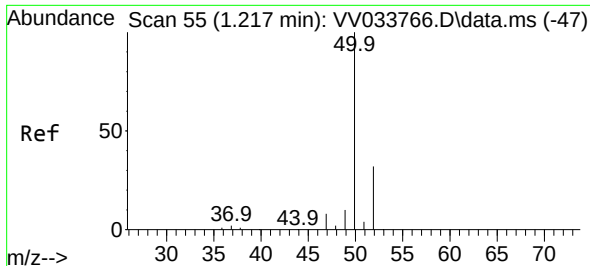
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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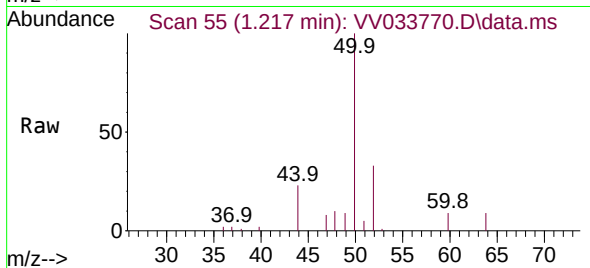
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
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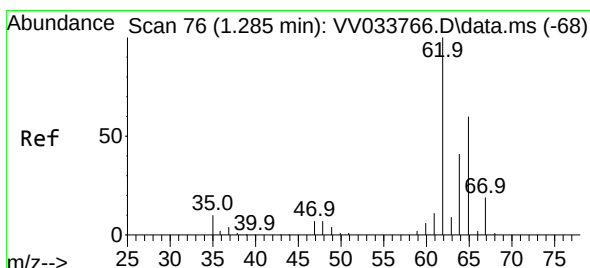
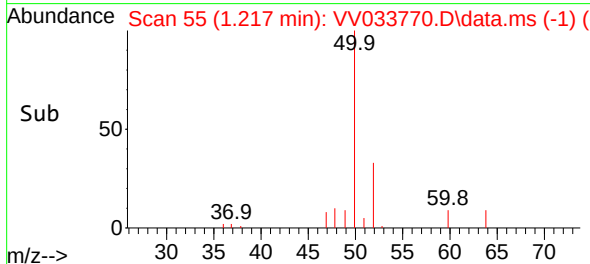
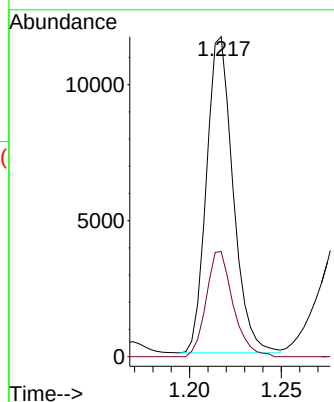


#3
Chloromethane
Concen: 5.539 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV033770.D
Acq: 19 Jan 2024 22:23

Instrument :
MSVOA_V
ClientSampleId :

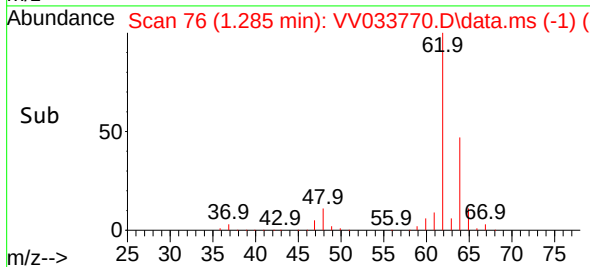
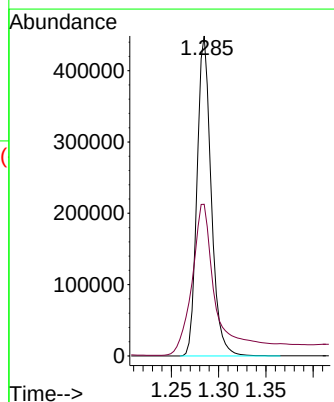
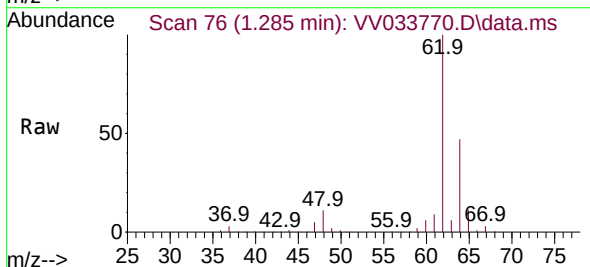


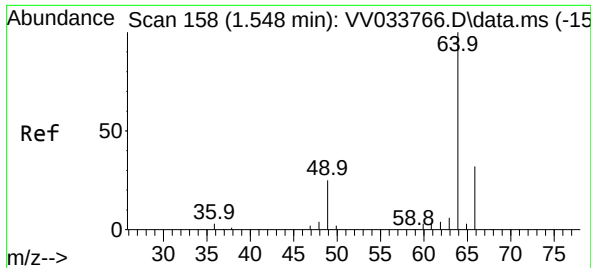
Tgt Ion: 50 Resp: 11753
Ion Ratio Lower Upper
50 100
52 32.8 22.8 42.4



#5
Vinyl chloride
Concen: 229.893 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.000 min
Lab File: VV033770.D
Acq: 19 Jan 2024 22:23

Tgt Ion: 62 Resp: 466666
Ion Ratio Lower Upper
62 100
64 47.4 23.2 43.0#





#8

Chloroethane

Concen: 316.663 ug/L

RT: 1.285 min Scan# 70

Delta R.T. -0.264 min

Lab File: VV033770.D

Acq: 19 Jan 2024 22:23

Instrument :

MSVOA_V

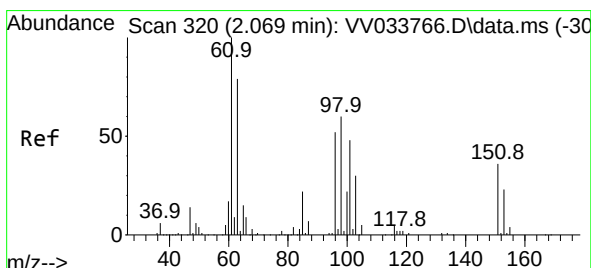
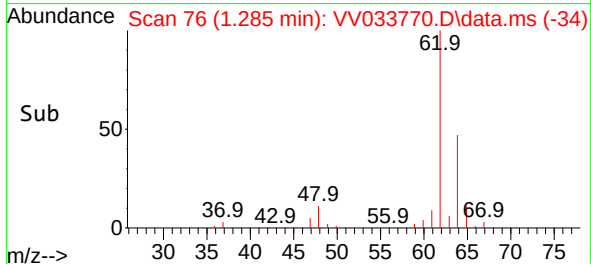
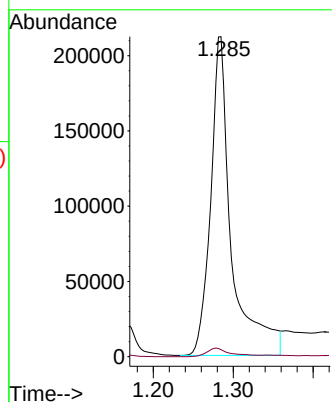
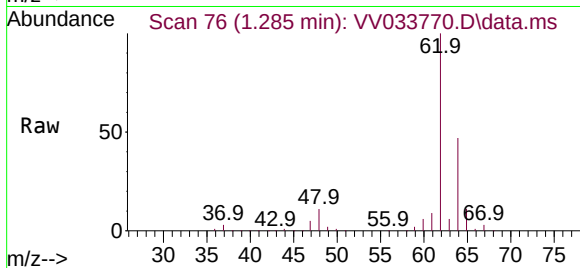
ClientSampleId :

Tgt Ion: 64 Resp: 383297

Ion Ratio Lower Upper

64 100

66 2.2 22.5 41.9#



#12

1,1-Dichloroethene

Concen: 1.466 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV033770.D

Acq: 19 Jan 2024 22:23

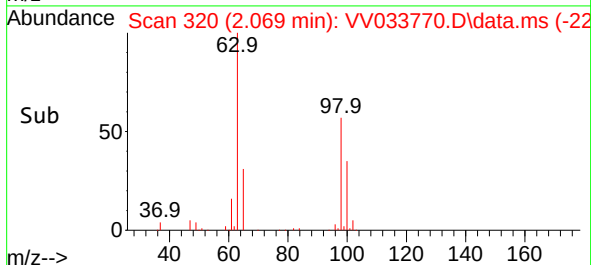
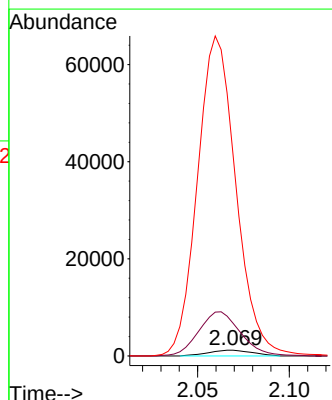
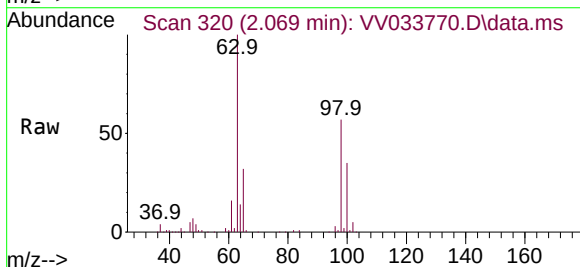
Tgt Ion: 96 Resp: 1973

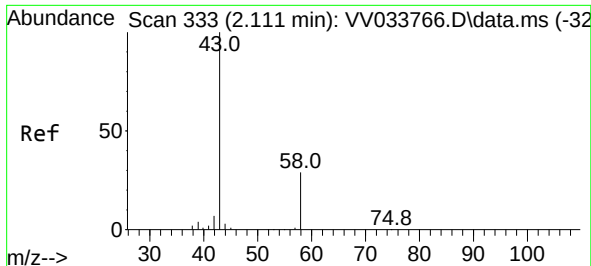
Ion Ratio Lower Upper

96 100

61 573.0 134.0 248.8#

63 3520.7 103.4 192.0#





#13

Acetone

Concen: 14.325 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033770.D

Acq: 19 Jan 2024 22:23

Instrument :

MSVOA_V

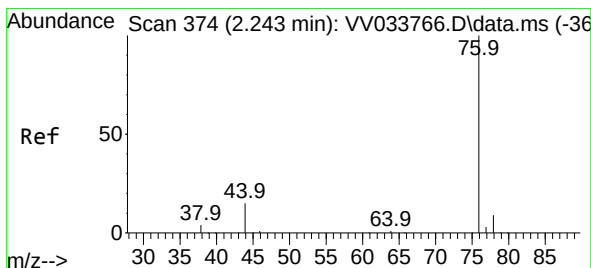
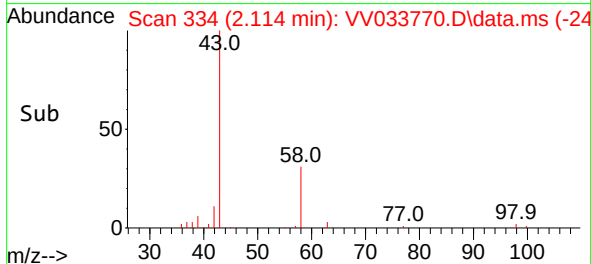
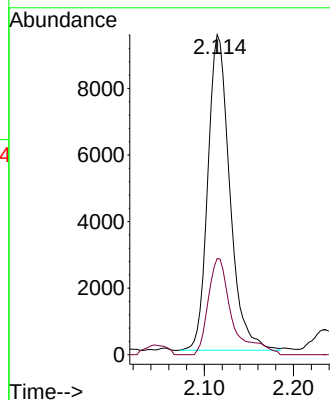
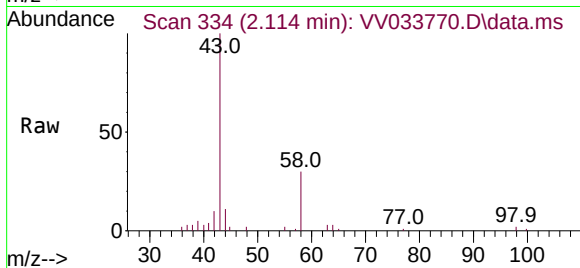
ClientSampleId :

Tgt Ion: 43 Resp: 16195

Ion Ratio Lower Upper

43 100

58 32.9 0.0 57.2



#14

Carbon disulfide

Concen: 7.648 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV033770.D

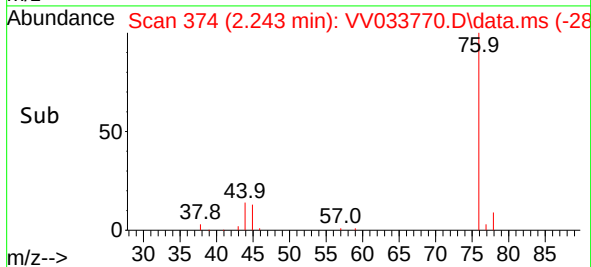
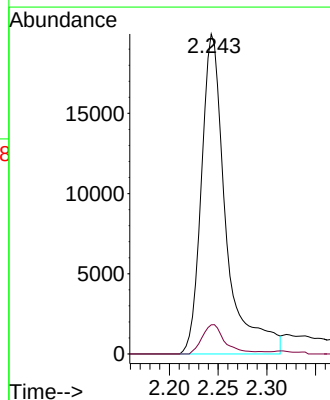
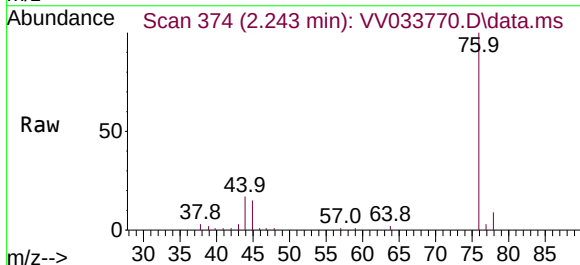
Acq: 19 Jan 2024 22:23

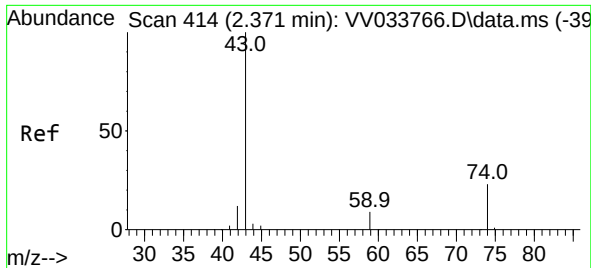
Tgt Ion: 76 Resp: 34992

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

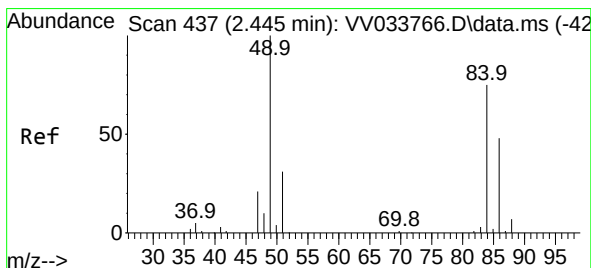
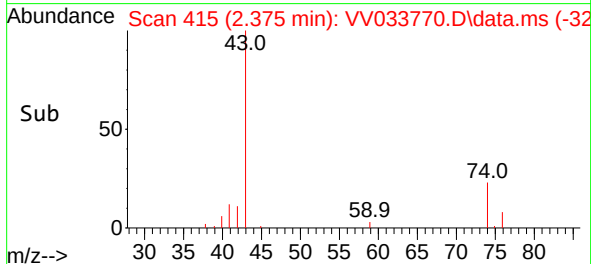
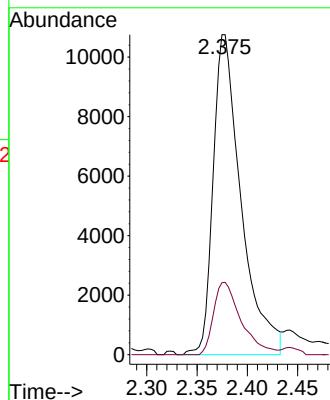
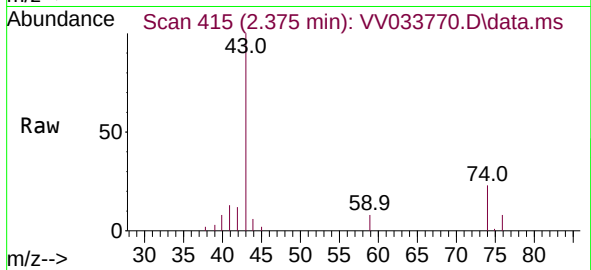




#15
Methyl Acetate
Concen: 11.249 ug/L
RT: 2.375 min Scan# 414
Delta R.T. 0.003 min
Lab File: VV033770.D
Acq: 19 Jan 2024 22:23

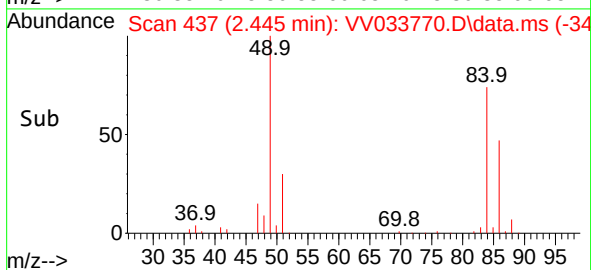
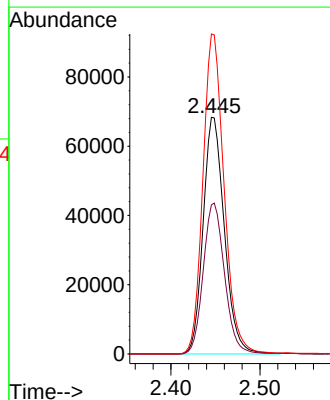
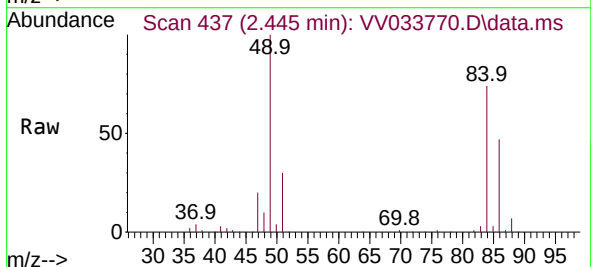
Instrument :
MSVOA_V
ClientSampleId :

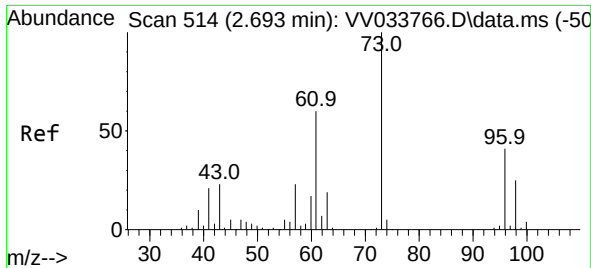
Tgt Ion: 43 Resp: 20796
Ion Ratio Lower Upper
43 100
74 22.3 0.0 0.0#



#16
Methylene chloride
Concen: 68.882 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV033770.D
Acq: 19 Jan 2024 22:23

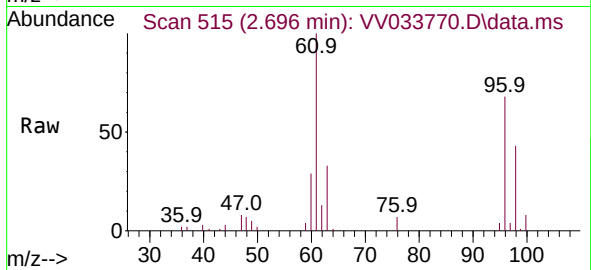
Tgt Ion: 84 Resp: 113118
Ion Ratio Lower Upper
84 100
86 63.0 43.9 81.5
49 135.3 98.3 182.5



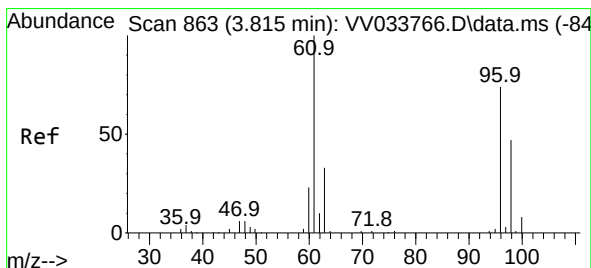
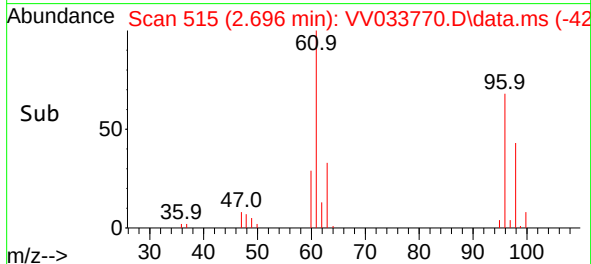
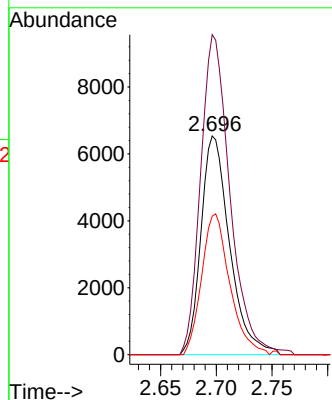


#17
trans-1,2-Dichloroethene
Concen: 7.799 ug/L
RT: 2.696 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV033770.D
Acq: 19 Jan 2024 22:23

Instrument :
MSVOA_V
ClientSampleId :

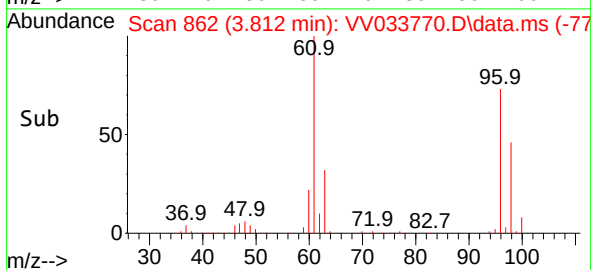
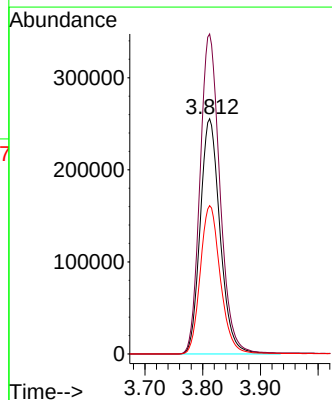
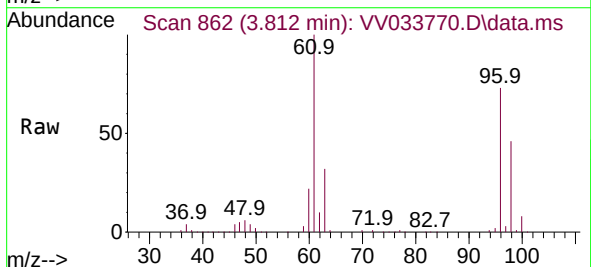


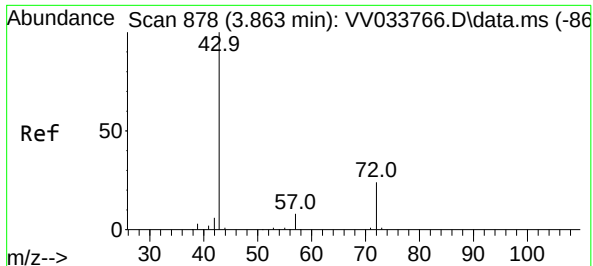
Tgt Ion: 96 Resp: 11727
Ion Ratio Lower Upper
96 100
61 146.3 108.4 201.4
98 63.3 43.8 81.4



#20
cis-1,2-Dichloroethene
Concen: 364.504 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.003 min
Lab File: VV033770.D
Acq: 19 Jan 2024 22:23

Tgt Ion: 96 Resp: 610023
Ion Ratio Lower Upper
96 100
61 136.1 100.6 186.8
98 63.1 44.6 82.8





#22

2-Butanone

Concen: 8.045 ug/L

RT: 3.892 min Scan# 81

Delta R.T. 0.029 min

Lab File: VV033770.D

Acq: 19 Jan 2024 22:23

Instrument :

MSVOA_V

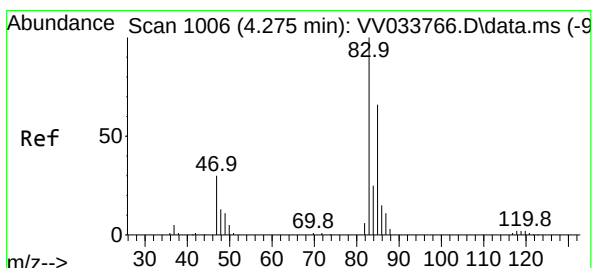
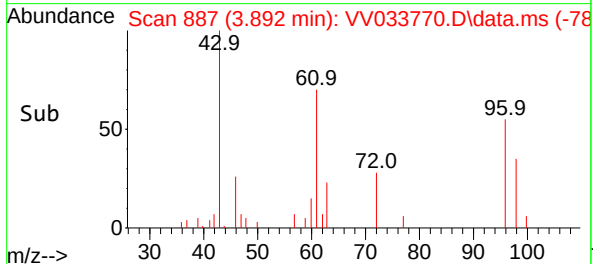
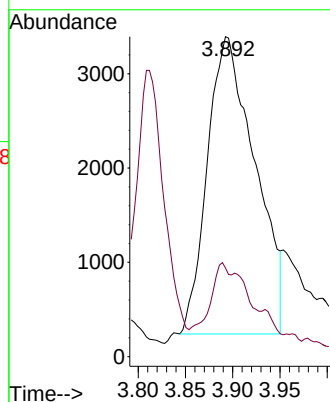
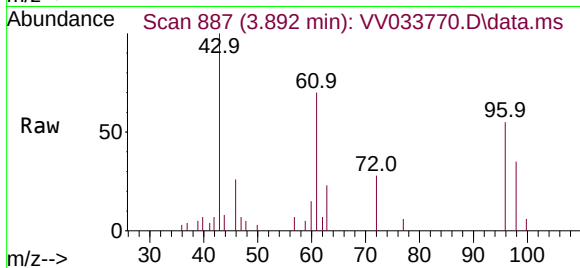
ClientSampleId :

Tgt Ion: 43 Resp: 11047

Ion Ratio Lower Upper

43 100

72 6.9 11.9 35.5#



#25

Chloroform

Concen: 168.902 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VV033770.D

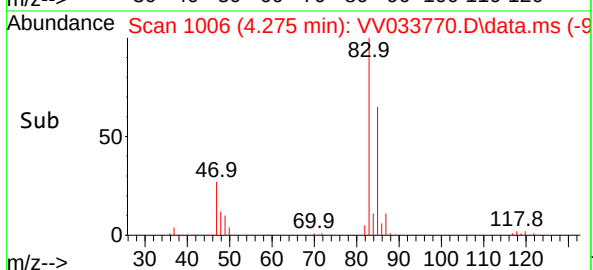
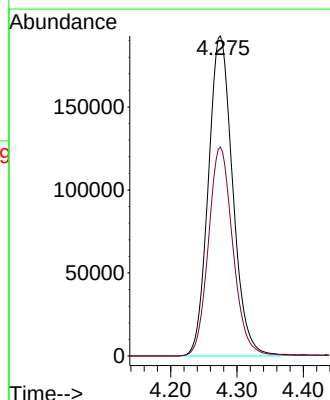
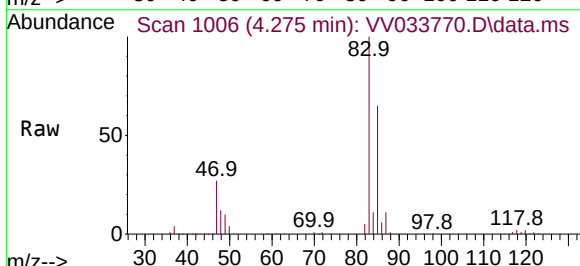
Acq: 19 Jan 2024 22:23

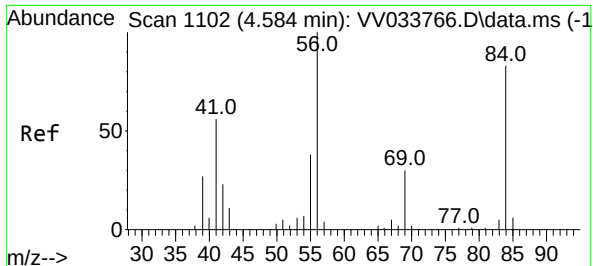
Tgt Ion: 83 Resp: 492308

Ion Ratio Lower Upper

83 100

85 65.3 45.1 83.9





#29

Cyclohexane

Concen: 0.711 ug/L

RT: 4.693 min Scan# 1136

Delta R.T. 0.109 min

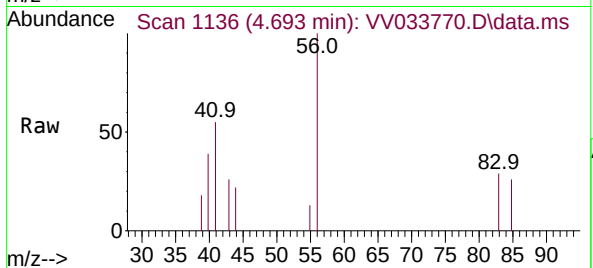
Lab File: VV033770.D

Acq: 19 Jan 2024 22:23

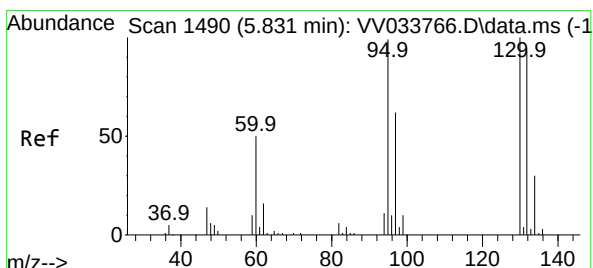
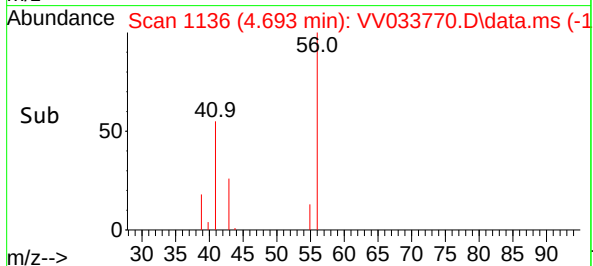
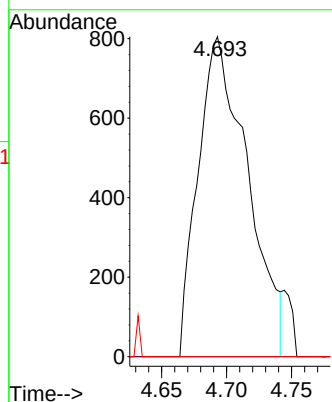
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	56	Resp:	2128
Ion Ratio	Lower	Upper	
56	100		
69	0.0	23.8	35.6#
84	2.0	63.8	95.6#



#34

Trichloroethene

Concen: 0.947 ug/L

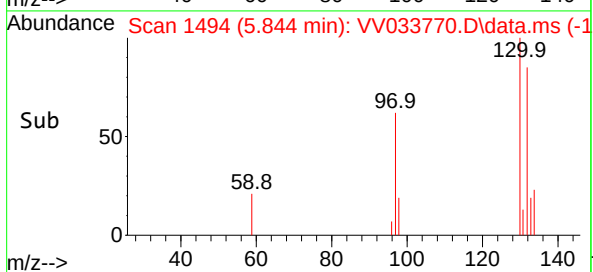
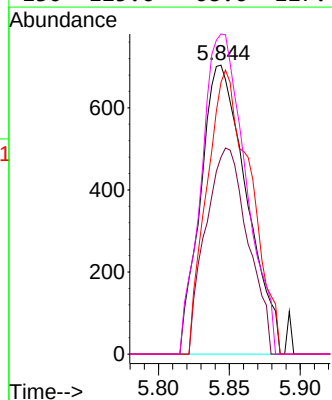
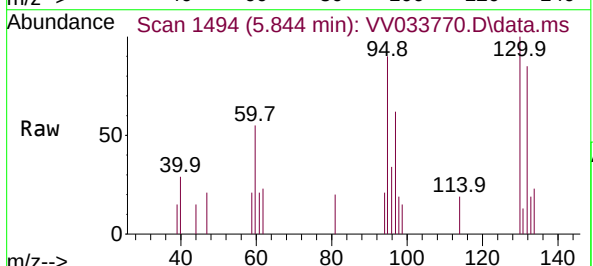
RT: 5.844 min Scan# 1494

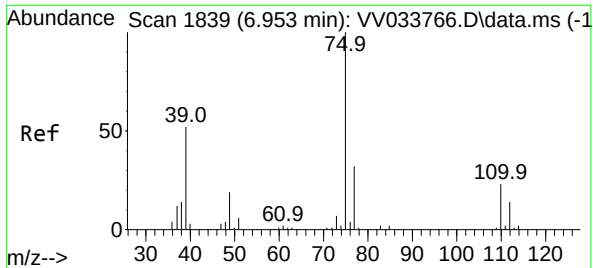
Delta R.T. 0.013 min

Lab File: VV033770.D

Acq: 19 Jan 2024 22:23

Tgt Ion:	95	Resp:	1583
Ion Ratio	Lower	Upper	
95	100		
97	68.2	44.4	82.4
132	94.0	65.5	121.7
130	125.6	68.6	127.4





#39

cis-1,3-Dichloropropene

Concen: 0.981 ug/L

RT: 6.912 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV033770.D

Acq: 19 Jan 2024 22:23

Instrument :

MSVOA_V

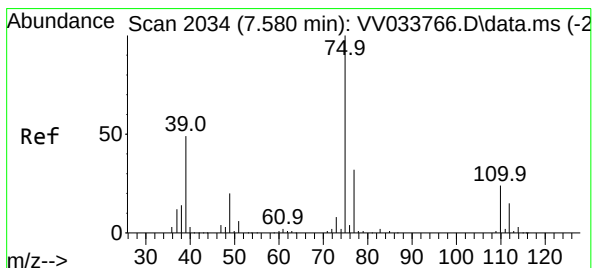
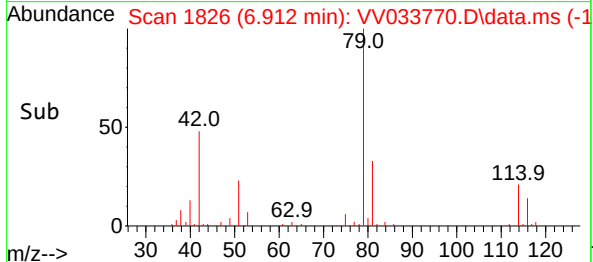
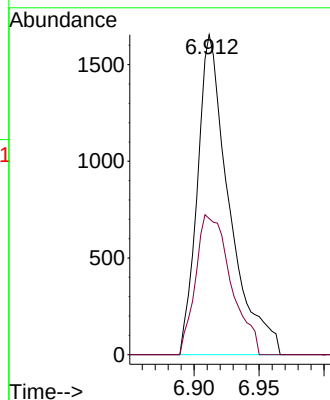
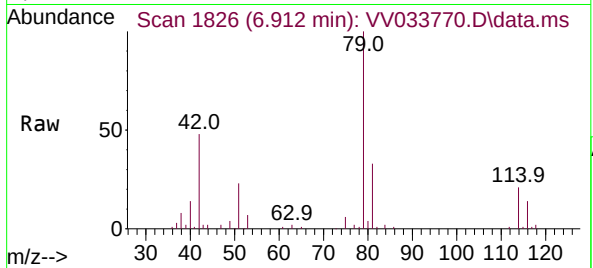
ClientSampleId :

Tgt Ion: 75 Resp: 2810

Ion Ratio Lower Upper

75 100

77 42.5 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.751 ug/L

RT: 7.551 min Scan# 2025

Delta R.T. -0.029 min

Lab File: VV033770.D

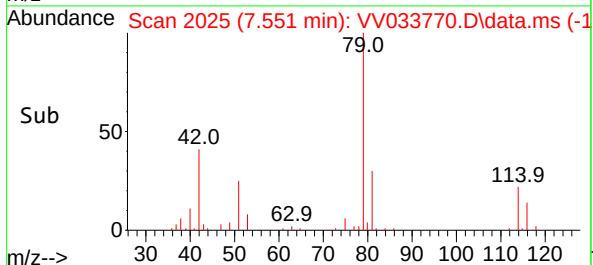
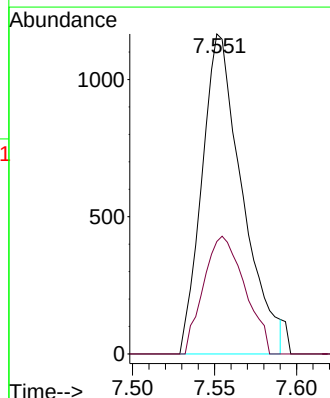
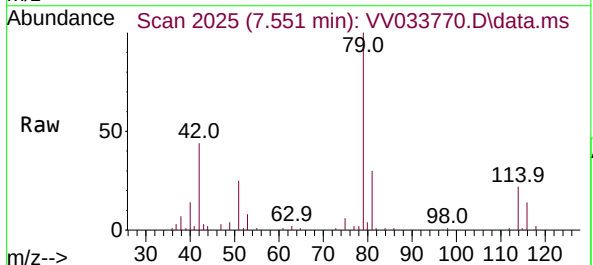
Acq: 19 Jan 2024 22:23

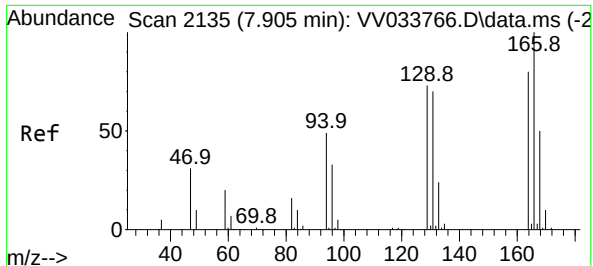
Tgt Ion: 75 Resp: 1983

Ion Ratio Lower Upper

75 100

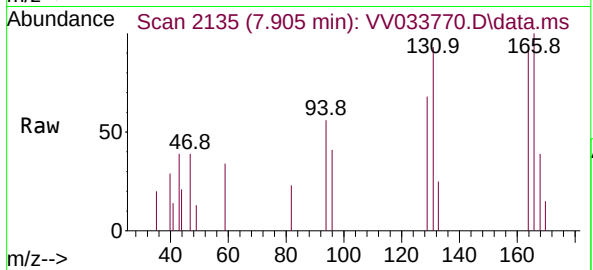
77 35.2 21.6 40.0





#46
Tetrachloroethene
Concen: 1.012 ug/L
RT: 7.905 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033770.D
Acq: 19 Jan 2024 22:23

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	164	Resp:	1241
Ion	Ratio	Lower	Upper
164	100		
129	73.9	66.1	122.7
131	101.3	65.9	122.5
166	108.3	88.5	164.3

