

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012324\
 Data File : VW033826.D
 Acq On : 23 Jan 2024 13:36
 Operator : SY/MD
 Sample : P1191-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 24 02:03:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 24 02:00:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	214645	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	199703	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	104323	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	66144	40.096	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.200%
7) Chloroethane-d5	1.532	69	57597	44.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.180%
11) 1,1-Dichloroethene-d2	2.063	65	32005	45.080	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.160%
21) 2-Butanone-d5	3.793	46	88816	78.494	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.490%
24) Chloroform-d	4.249	84	123414	41.839	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.680%
26) 1,2-Dichloroethane-d4	4.940	65	83054	43.577	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.160%
32) Benzene-d6	4.960	84	241672	42.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.140%
36) 1,2-Dichloropropane-d6	5.989	67	75049	40.159	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.320%
41) Toluene-d8	7.243	98	221575	43.315	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.640%
43) trans-1,3-Dichloroprop...	7.551	79	37245	40.325	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.660%
47) 2-Hexanone-d5	8.021	63	55823	72.013	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.010%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	96258	40.346	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.700%
66) 1,2-Dichlorobenzene-d4	11.561	152	89866	45.403	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	234581	120.761	ug/L	99
12) 1,1-Dichloroethene	2.069	96	7599	5.899	ug/L #	1
13) Acetone	2.114	43	6235	5.763	ug/L	98
14) Carbon disulfide	2.243	76	5744	1.312	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	72743	50.552	ug/L	95
20) cis-1,2-Dichloroethene	3.812	96	8208915	5125.712	ug/L	93
25) Chloroform	4.278	83	20013	7.175	ug/L	97
34) Trichloroethene	5.831	95	1037123	659.150	ug/L	97
35) Methylcyclohexane	5.985	83	18746	6.962	ug/L #	16
37) 1,2-Dichloropropane	5.985	63	9041	5.601	ug/L #	88
45) 1,1,2-Trichloroethane	7.773	97	6618	4.519	ug/L	97
46) Tetrachloroethene	7.905	164	923547	800.252	ug/L	98
49) Dibromochloromethane	7.905	129	835273	547.615	ug/L #	10
57) 1,1,2,2-Tetrachloroethane	10.175	83	45174	19.382	ug/L	97
60) Isopropylbenzene	10.387	105	7875	1.116	ug/L	97
62) 1,3,5-Trimethylbenzene	10.480	105	3377	0.558	ug/L	92
63) 1,2,4-Trimethylbenzene	10.853	105	17351	2.875	ug/L	99

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jan 24 02:03:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 24 02:00:55 2024
Response via : Initial Calibration

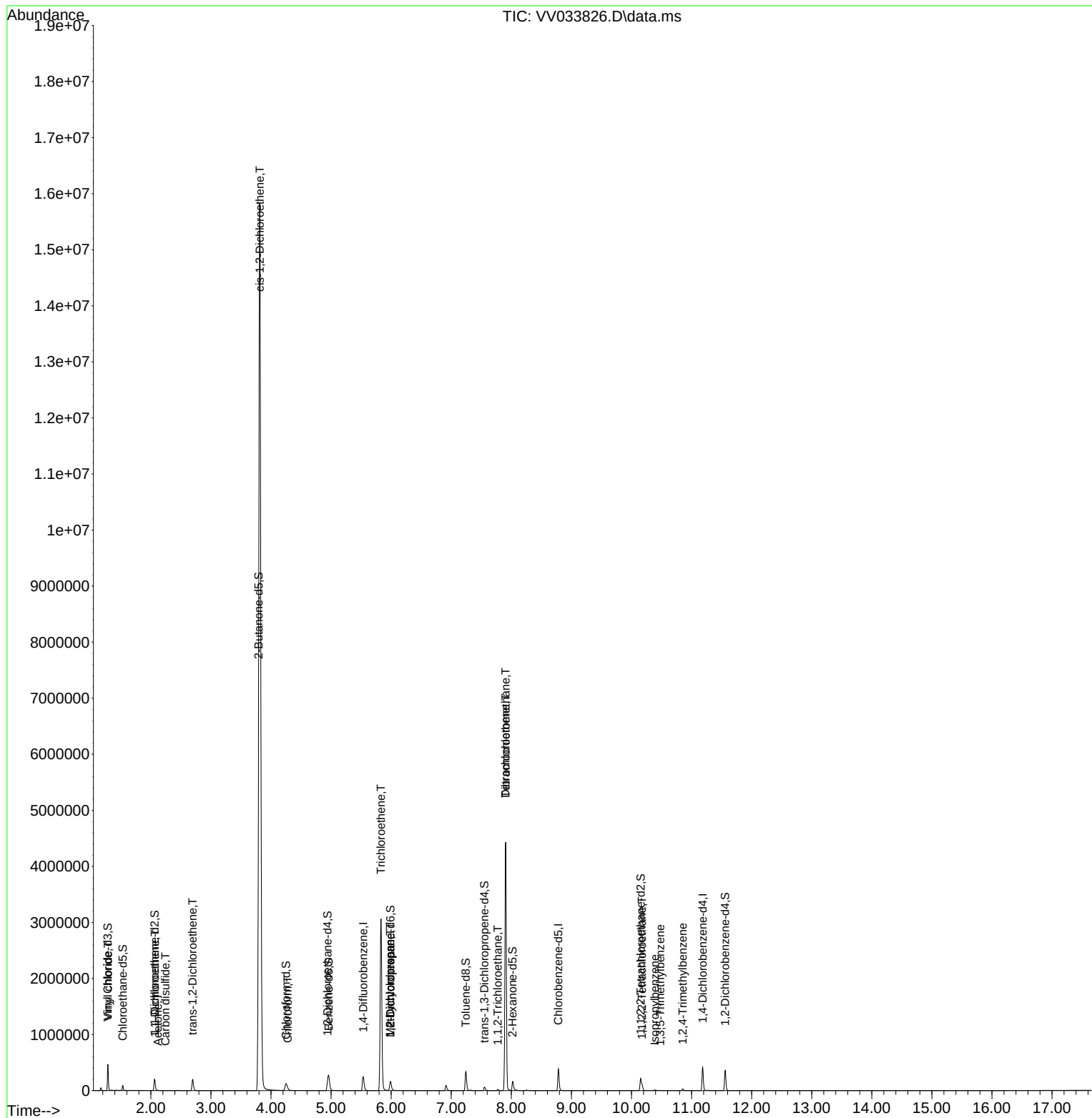
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

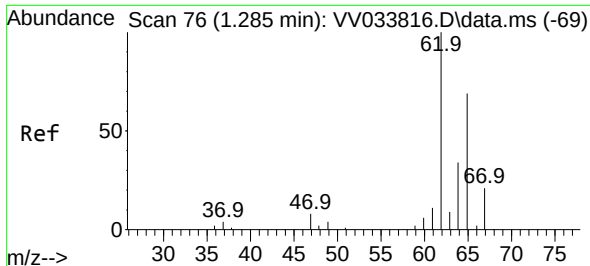
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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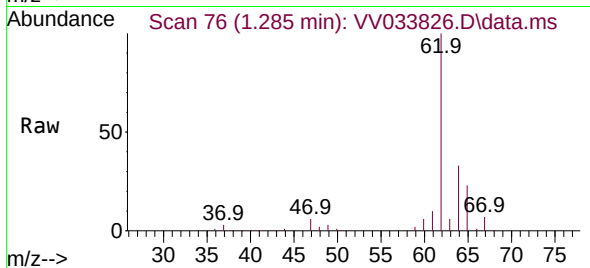
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Quant Title : VOC Analysis
QLast Update : Wed Jan 24 02:00:55 2024
Response via : Initial Calibration



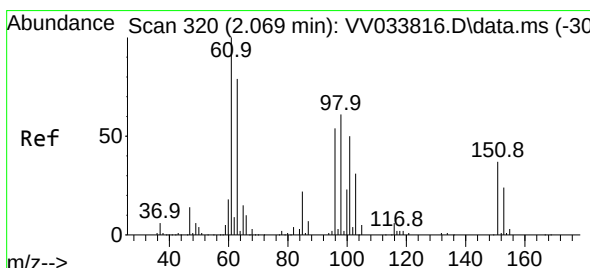
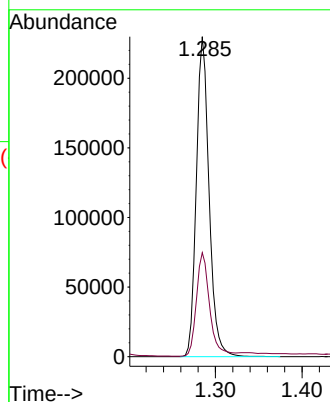
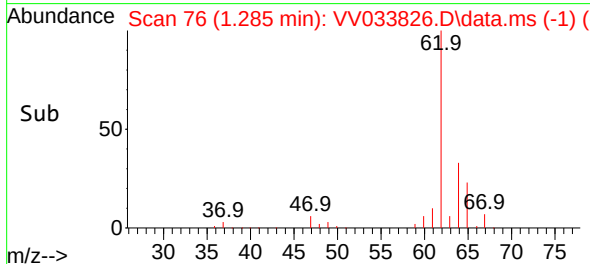


#5
 Vinyl chloride
 Concen: 120.761 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033826.D
 Acq: 23 Jan 2024 13:36

Instrument :
 MSVOA_V
 ClientSampleId :

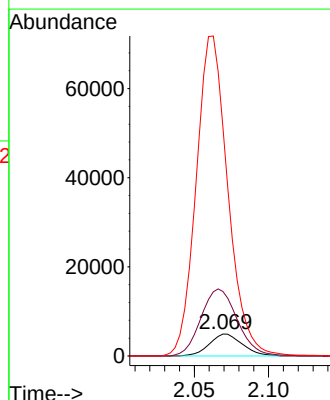
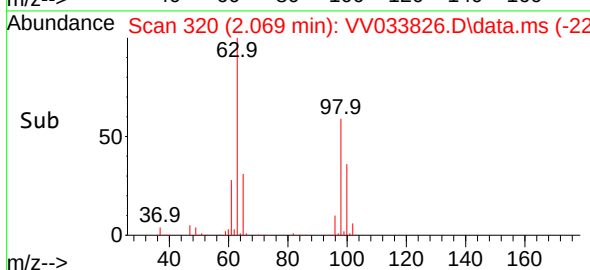
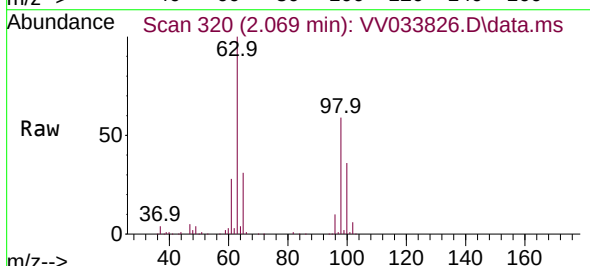


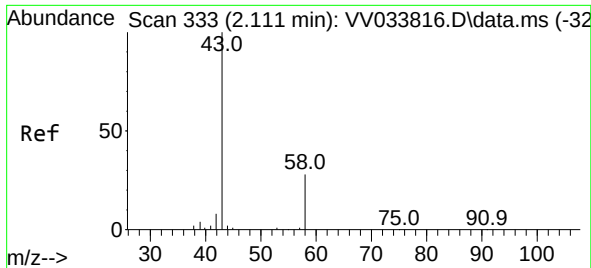
Tgt Ion: 62 Resp: 234581
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.2 43.0



#12
 1,1-Dichloroethene
 Concen: 5.899 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV033826.D
 Acq: 23 Jan 2024 13:36

Tgt Ion: 96 Resp: 7599
 Ion Ratio Lower Upper
 96 100
 61 295.0 134.0 248.8#
 63 1045.5 103.4 192.0#





#13

Acetone

Concen: 5.763 ug/L

RT: 2.114 min Scan# 311

Delta R.T. 0.003 min

Lab File: VV033826.D

Acq: 23 Jan 2024 13:36

Instrument :

MSVOA_V

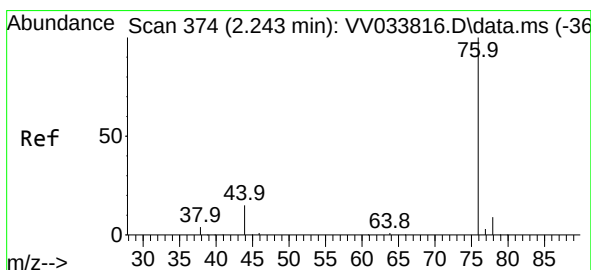
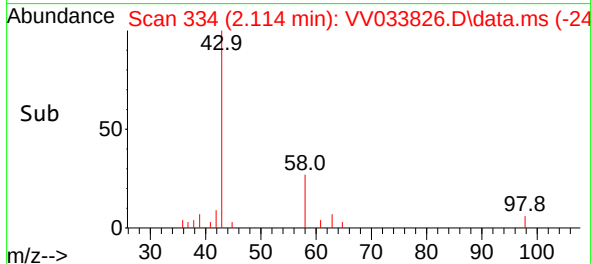
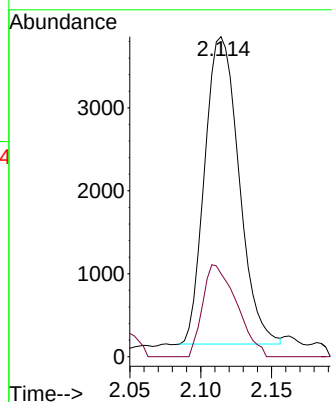
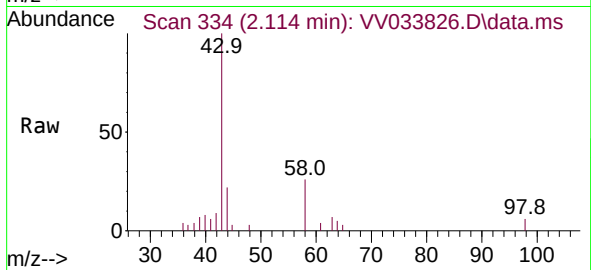
ClientSampleId :

Tgt Ion: 43 Resp: 6235

Ion Ratio Lower Upper

43 100

58 29.5 0.0 57.2



#14

Carbon disulfide

Concen: 1.312 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV033826.D

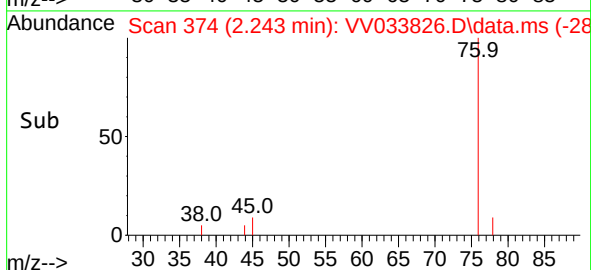
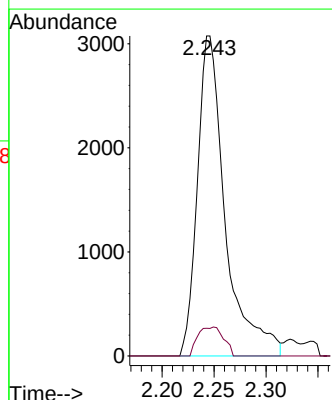
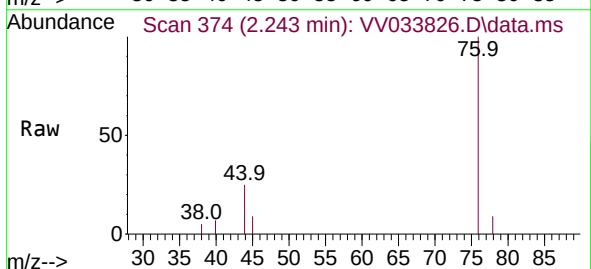
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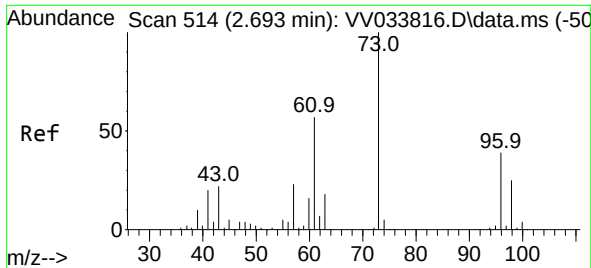
Tgt Ion: 76 Resp: 5744

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7

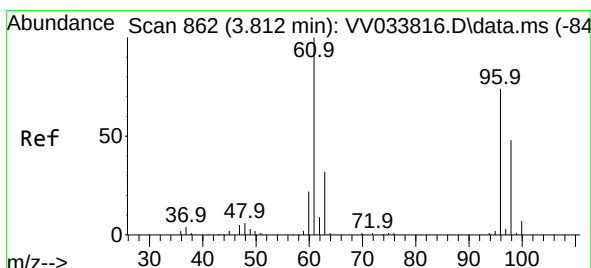
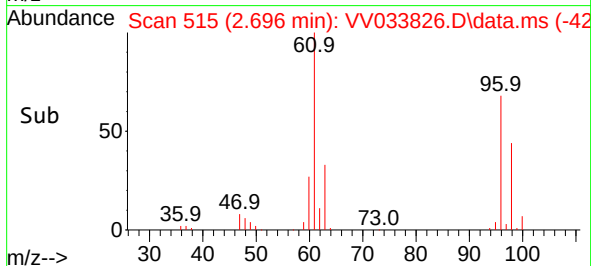
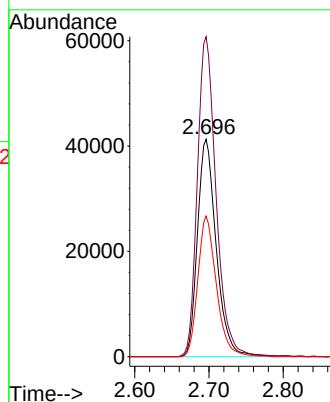
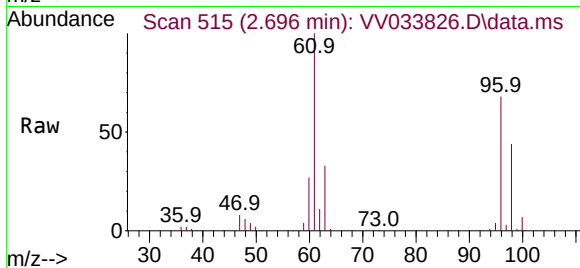




#17
trans-1,2-Dichloroethene
Concen: 50.552 ug/L
RT: 2.696 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV033826.D
Acq: 23 Jan 2024 13:36

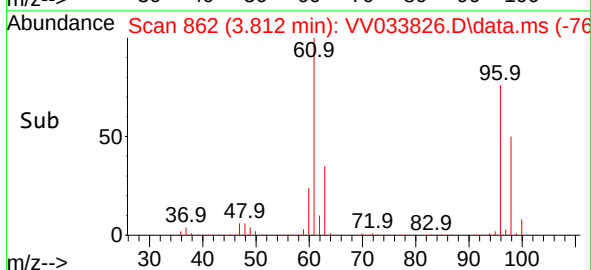
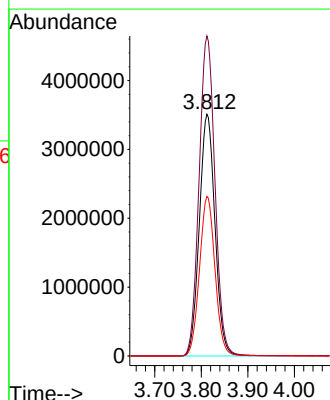
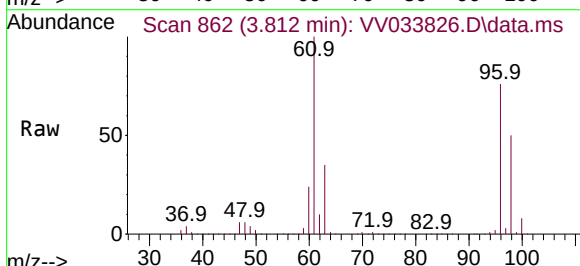
Instrument :
MSVOA_V
ClientSampleId :

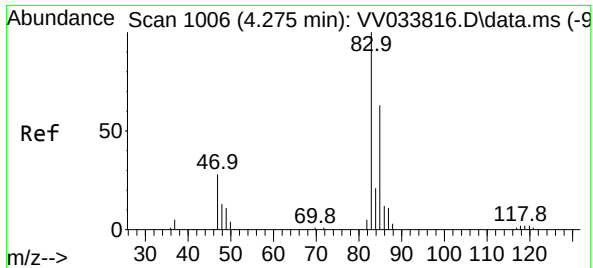
Tgt Ion: 96 Resp: 72743
Ion Ratio Lower Upper
96 100
61 147.2 108.4 201.4
98 64.7 43.8 81.4



#20
cis-1,2-Dichloroethene
Concen: 5125.712 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV033826.D
Acq: 23 Jan 2024 13:36

Tgt Ion: 96 Resp: 8208915
Ion Ratio Lower Upper
96 100
61 132.4 100.6 186.8
98 66.0 44.6 82.8

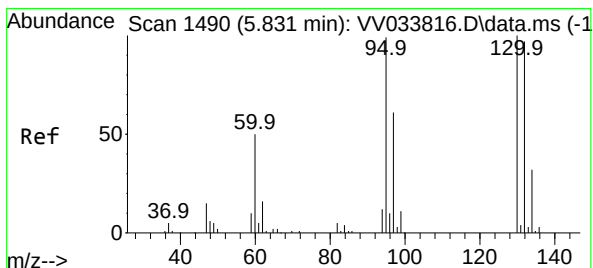
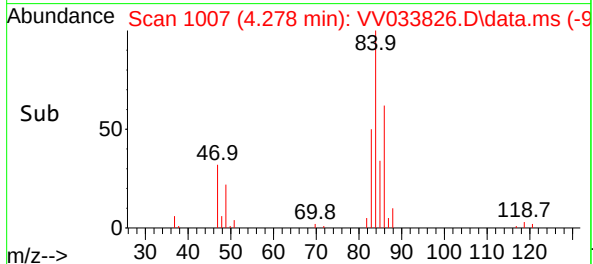
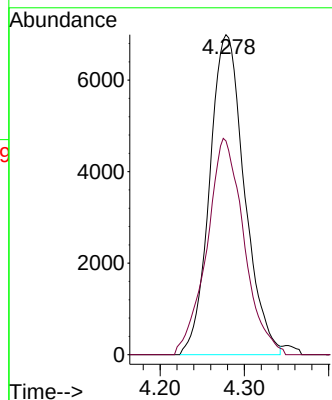
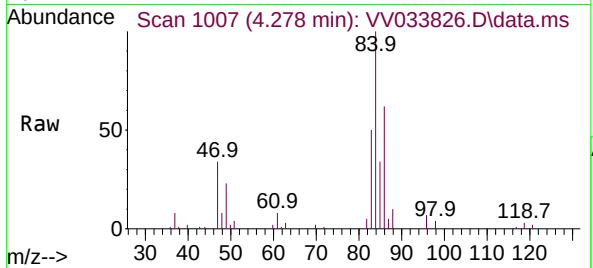




#25
Chloroform
Concen: 7.175 ug/L
RT: 4.278 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV033826.D
Acq: 23 Jan 2024 13:36

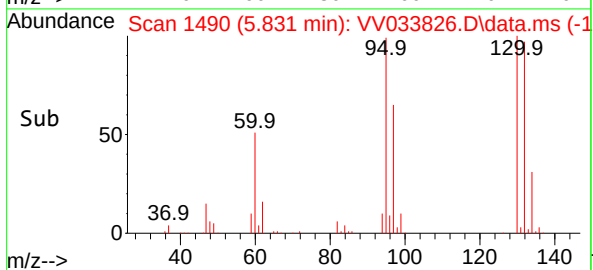
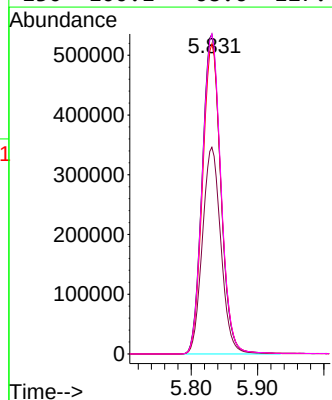
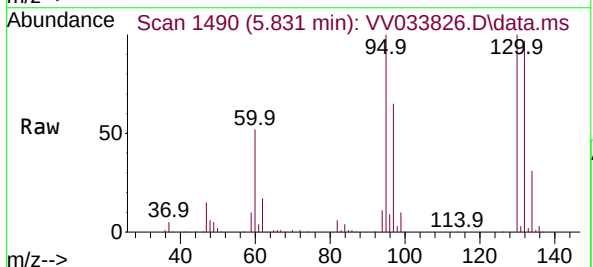
Instrument :
MSVOA_V
ClientSampleId :

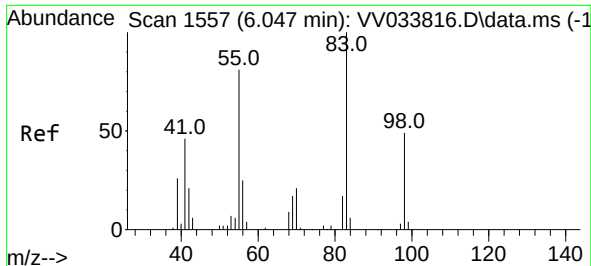
Tgt Ion: 83 Resp: 20013
Ion Ratio Lower Upper
83 100
85 66.8 45.1 83.9



#34
Trichloroethene
Concen: 659.150 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV033826.D
Acq: 23 Jan 2024 13:36

Tgt Ion: 95 Resp: 1037123
Ion Ratio Lower Upper
95 100
97 64.7 44.4 82.4
132 97.0 65.5 121.7
130 100.1 68.6 127.4





#35

Methylcyclohexane

Concen: 6.962 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.061 min

Lab File: VV033826.D

Acq: 23 Jan 2024 13:36

Instrument :

MSVOA_V

ClientSampleId :

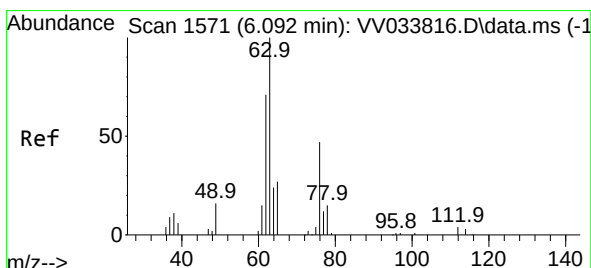
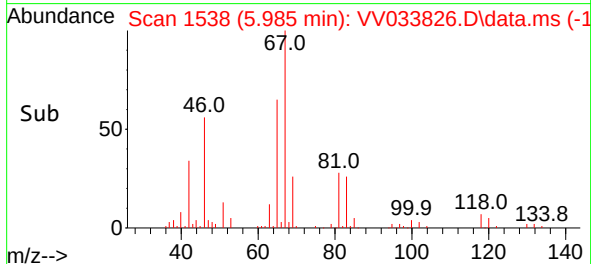
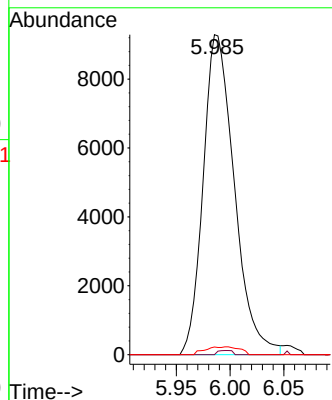
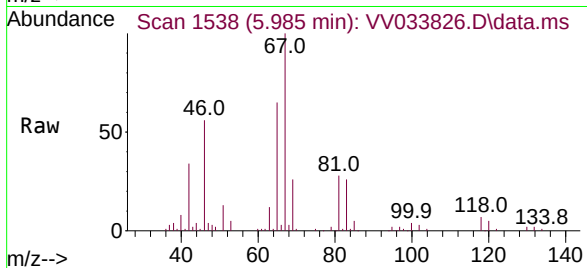
Tgt Ion: 83 Resp: 18746

Ion Ratio Lower Upper

83 100

55 0.6 67.1 100.7#

98 0.4 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 5.601 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.106 min

Lab File: VV033826.D

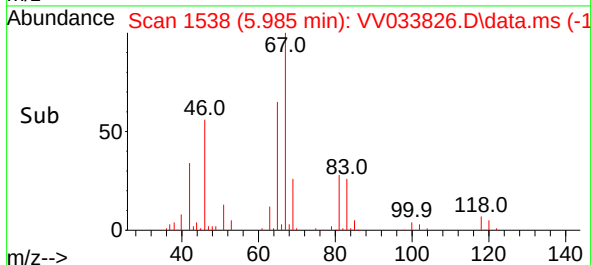
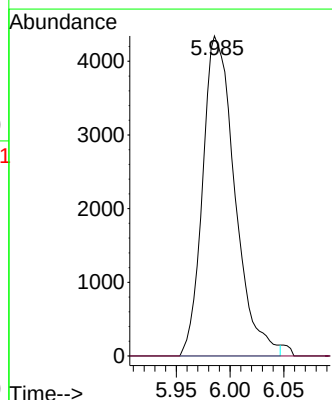
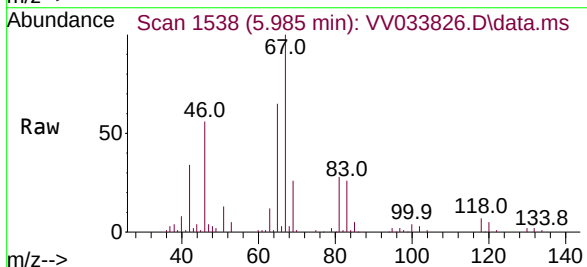
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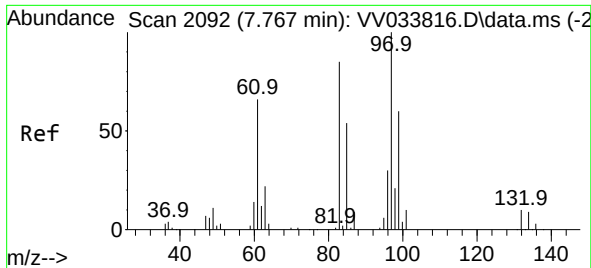
Tgt Ion: 63 Resp: 9041

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#

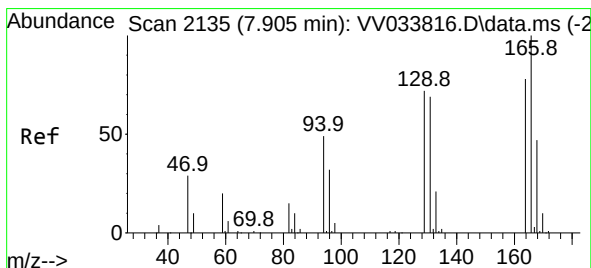
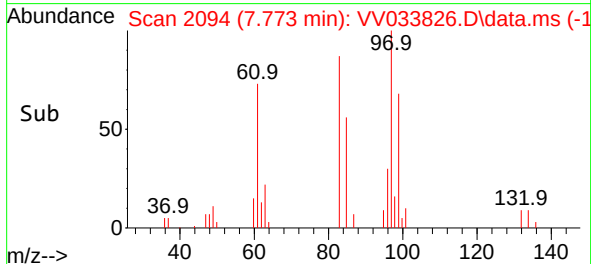
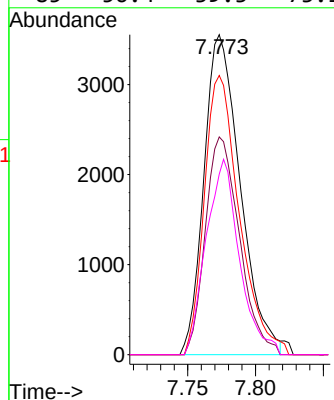
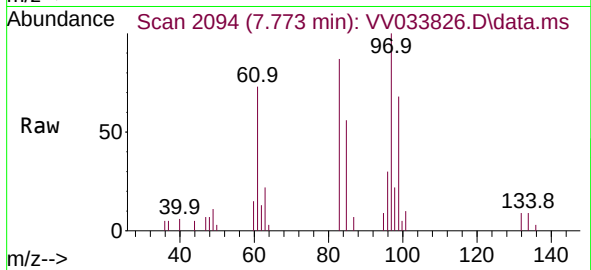




#45
1,1,2-Trichloroethane
Concen: 4.519 ug/L
RT: 7.773 min Scan# 2092
Delta R.T. 0.006 min
Lab File: VV033826.D
Acq: 23 Jan 2024 13:36

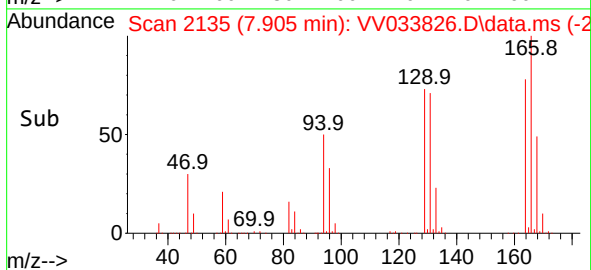
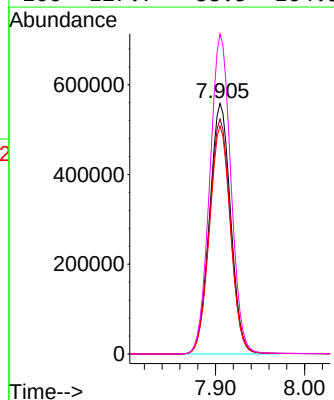
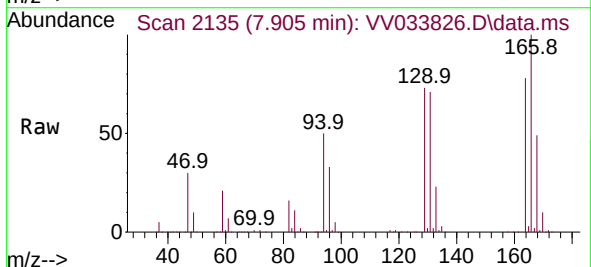
Instrument :
MSVOA_V
ClientSampleId :

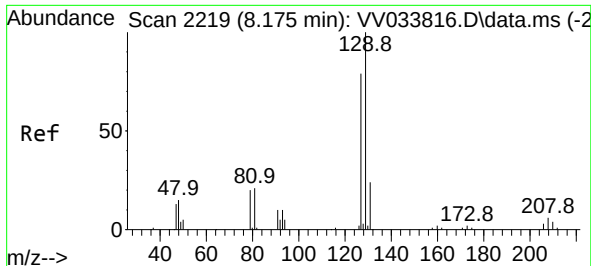
Tgt Ion: 97	Resp: 6618
Ion Ratio	Lower Upper
97 100	
99 68.0	42.8 79.6
83 87.3	61.2 113.8
85 56.4	39.3 73.1



#46
Tetrachloroethene
Concen: 800.252 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033826.D
Acq: 23 Jan 2024 13:36

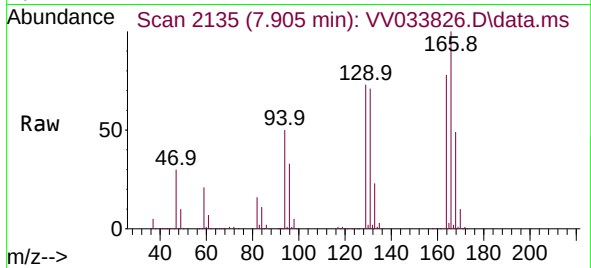
Tgt	Ion:164	Resp:	923547
Ion	Ratio	Lower	Upper
164	100		
129	93.7	66.1	122.7
131	91.0	65.9	122.5
166	127.7	88.5	164.3



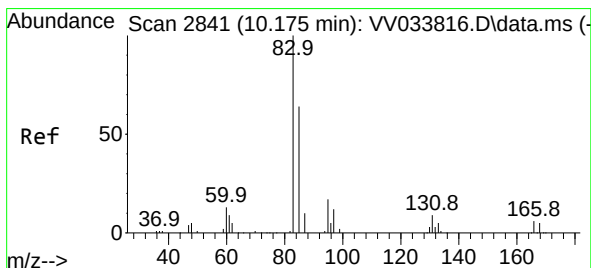
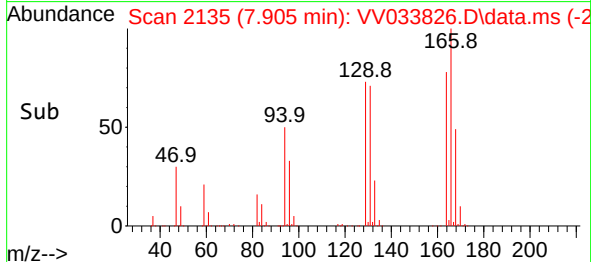
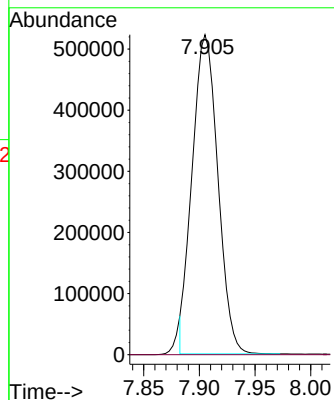


#49
 Dibromochloromethane
 Concen: 547.615 ug/L
 RT: 7.905 min Scan# 2135
 Delta R.T. -0.270 min
 Lab File: VV033826.D
 Acq: 23 Jan 2024 13:36

Instrument :
 MSVOA_V
 ClientSampleId :

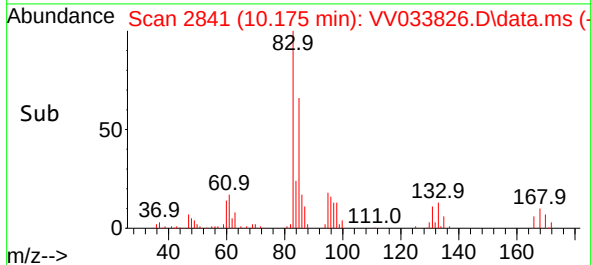
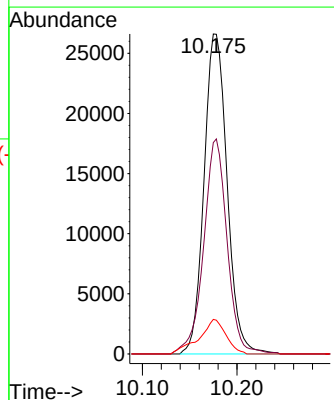
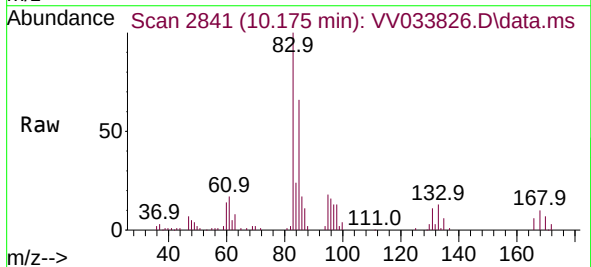


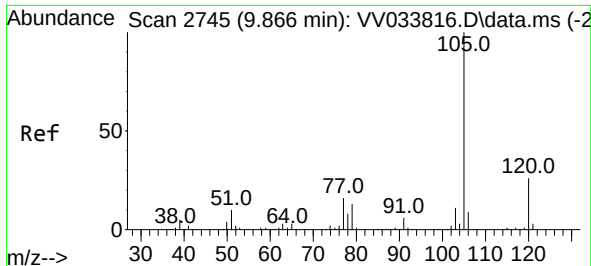
Tgt Ion:129 Resp: 835273
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.5 101.3#



#57
 1,1,2,2-Tetrachloroethane
 Concen: 19.382 ug/L
 RT: 10.175 min Scan# 2841
 Delta R.T. -0.000 min
 Lab File: VV033826.D
 Acq: 23 Jan 2024 13:36

Tgt Ion: 83 Resp: 45174
 Ion Ratio Lower Upper
 83 100
 85 66.1 44.9 83.5
 131 10.8 7.5 11.3

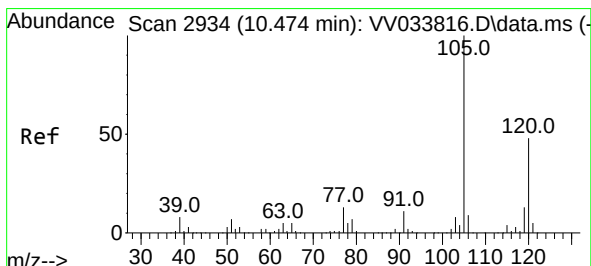
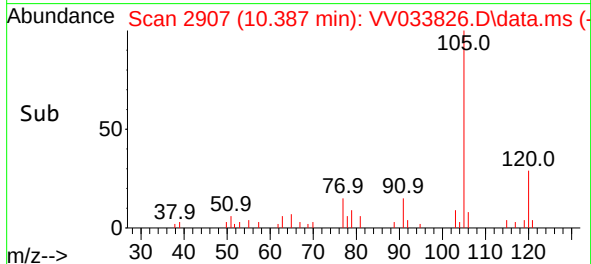
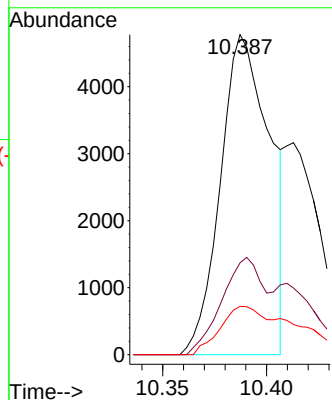
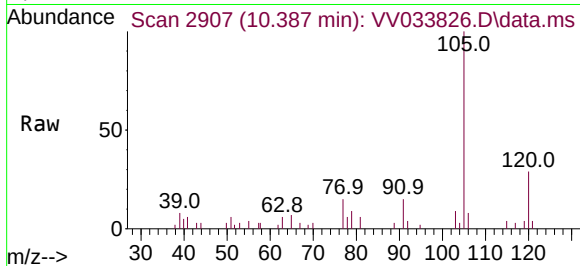




#60
Isopropylbenzene
Concen: 1.116 ug/L
RT: 10.387 min Scan# 2907
Delta R.T. 0.521 min
Lab File: VV033826.D
Acq: 23 Jan 2024 13:36

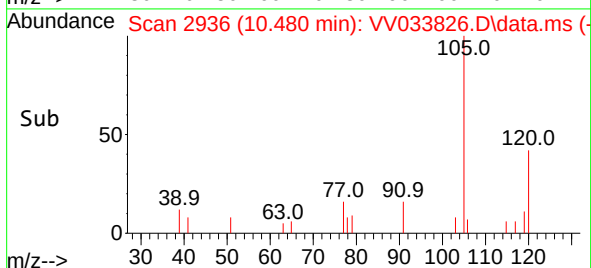
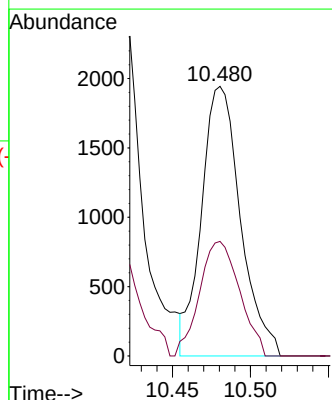
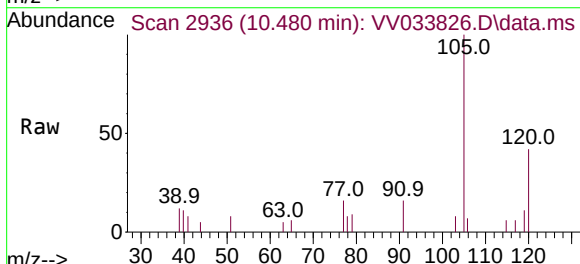
Instrument :
MSVOA_V
ClientSampleId :

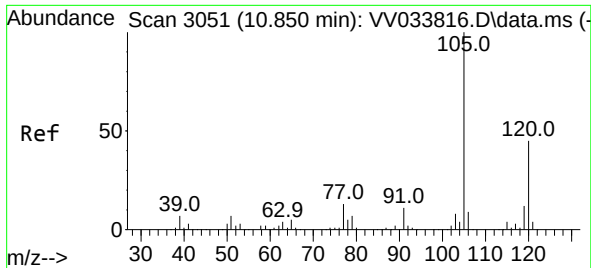
Tgt Ion:105 Resp: 7875
Ion Ratio Lower Upper
105 100
120 25.2 20.6 31.0
77 14.4 13.4 20.0



#62
1,3,5-Trimethylbenzene
Concen: 0.558 ug/L
RT: 10.480 min Scan# 2936
Delta R.T. 0.006 min
Lab File: VV033826.D
Acq: 23 Jan 2024 13:36

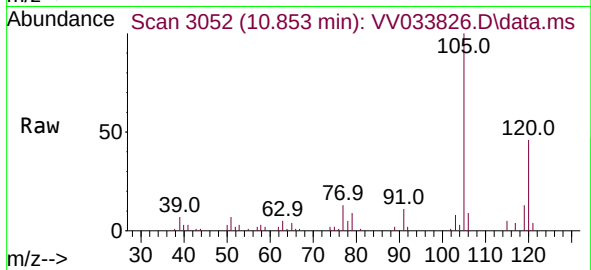
Tgt Ion:105 Resp: 3377
Ion Ratio Lower Upper
105 100
120 43.7 39.1 58.7





#63
 1,2,4-Trimethylbenzene
 Concen: 2.875 ug/L
 RT: 10.853 min Scan# 3052
 Delta R.T. 0.003 min
 Lab File: VV033826.D
 Acq: 23 Jan 2024 13:36

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 17351
 Ion Ratio Lower Upper
 105 100
 120 45.1 35.4 53.0

