

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022324\
 Data File : VV034367.D
 Acq On : 23 Feb 2024 11:44
 Operator : SY/MD
 Sample : VIBLK326
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 24 00:46:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 24 00:41:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	27611	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	26402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	12784	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	15997	7.481	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	149.600%#
7) Chloroethane-d5	1.526	69	9525	5.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.060	65	5553	5.385	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.600%
20) 2-Butanone-d5	3.799	46	39029	108.674	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	217.340%#
24) Chloroform-d	4.256	84	19004	4.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	4.950	65	12785	7.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	140.800%#
32) Benzene-d6	4.966	84	35856	4.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	5.995	67	10208	4.610	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.249	98	32689	4.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	7.567	79	3385	4.049	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.027	63	30052	100.687	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	201.380%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	11293	8.413	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	168.200%#
66) 1,2-Dichlorobenzene-d4	11.564	152	12136	5.220	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2653	0.961	ug/L	98
5) Vinyl chloride	1.285	62	13044	4.946	ug/L #	1
6) Bromomethane	1.484	94	384	0.276	ug/L	92
8) Chloroethane	1.294	64	300418	166.972	ug/L #	52
13) Acetone	2.117	43	2606	9.565	ug/L #	40
14) Carbon disulfide	2.240	76	17749	2.844	ug/L	98
16) Methylene chloride	2.452	84	3240	1.751	ug/L	92
17) Methyl tert-butyl Ether	2.706	73	60183	15.186	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	86814	44.188	ug/L	96
19) 1,1-Dichloroethane	3.114	63	3270	0.906	ug/L	96
22) cis-1,2-Dichloroethene	3.818	96	15157	6.800	ug/L	99
35) Methylcyclohexane	5.995	83	2561	0.712	ug/L #	20
37) 1,2-Dichloropropane	5.995	63	1328	0.692	ug/L #	93
42) Toluene	7.339	91	852	0.101	ug/L	94
48) 2-Hexanone	8.098	43	1858	2.870	ug/L #	56
61) 1,2,3-Trichloropropane	11.188	75	1608	1.830	ug/L #	53
67) 1,2-Dichlorobenzene	11.580	146	824	0.233	ug/L #	92

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Feb 24 00:41:32 2024
Response via : Initial Calibration

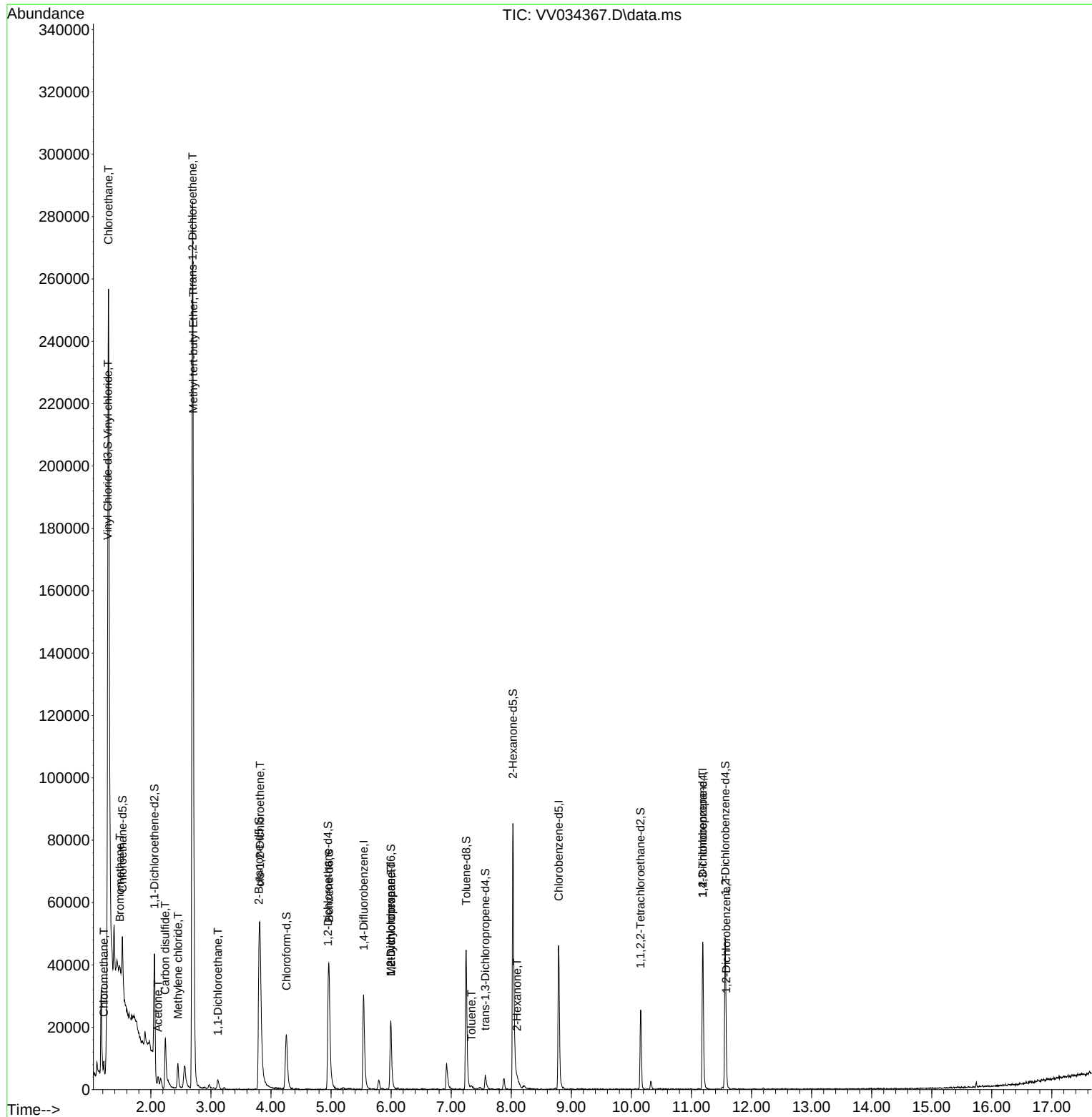
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

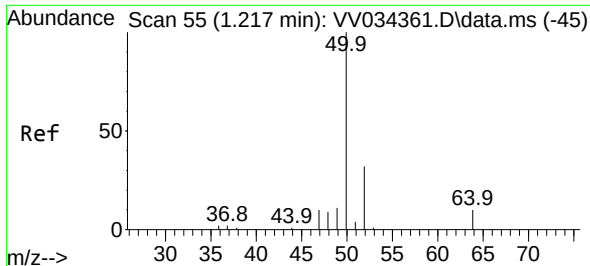
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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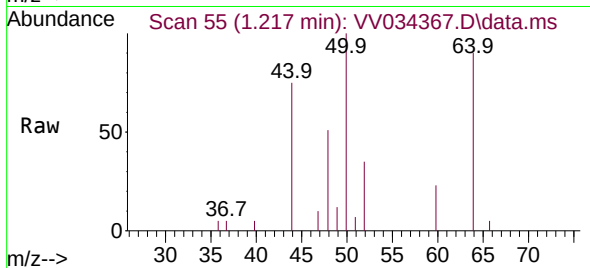
Quant Time: Feb 24 00:46:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
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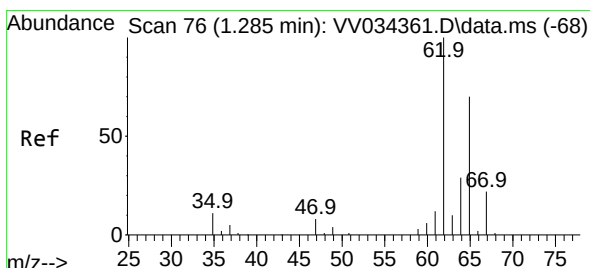
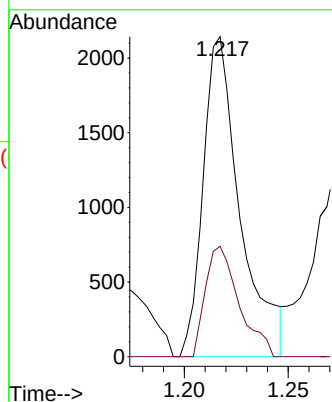
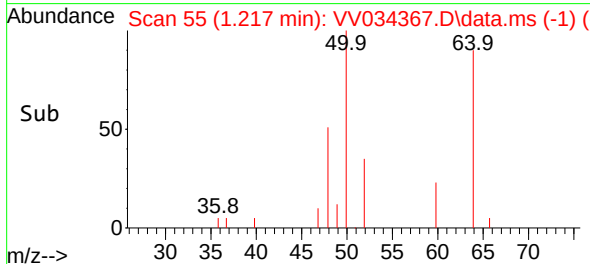


#3
Chloromethane
Concen: 0.961 ug/L
RT: 1.217 min Scan# 50
Delta R.T. -0.000 min
Lab File: VV034367.D
Acq: 23 Feb 2024 11:44

Instrument :
MSVOA_V
ClientSampleId :

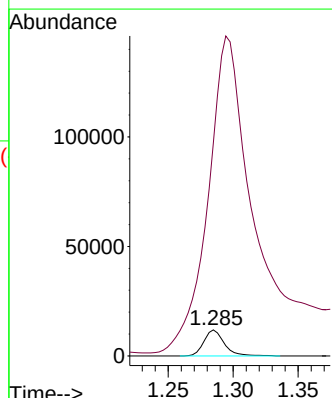
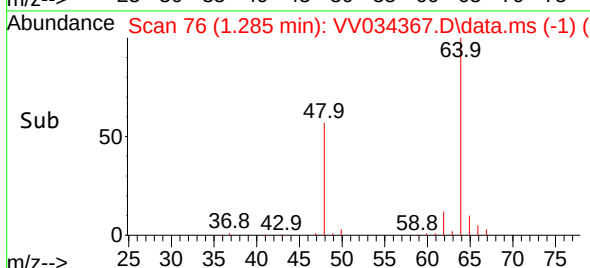
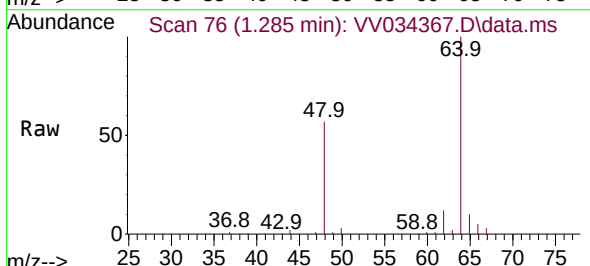


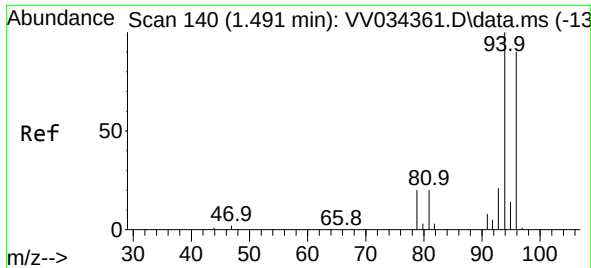
Tgt Ion: 50 Resp: 2653
Ion Ratio Lower Upper
50 100
52 34.5 23.4 43.4



#5
Vinyl chloride
Concen: 4.946 ug/L
RT: 1.285 min Scan# 76
Delta R.T. -0.000 min
Lab File: VV034367.D
Acq: 23 Feb 2024 11:44

Tgt Ion: 62 Resp: 13044
Ion Ratio Lower Upper
62 100
64 814.6 27.2 50.4#





#6

Bromomethane

Concen: 0.276 ug/L

RT: 1.484 min Scan# 11

Delta R.T. -0.007 min

Lab File: VV034367.D

Acq: 23 Feb 2024 11:44

Instrument :

MSVOA_V

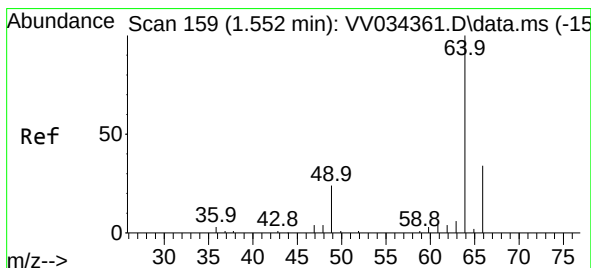
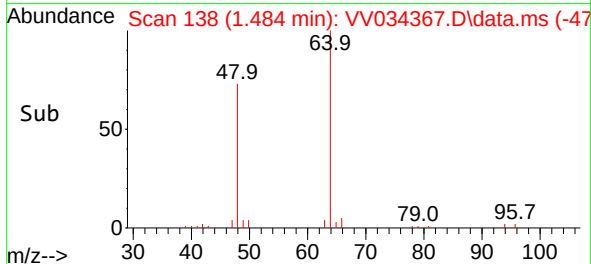
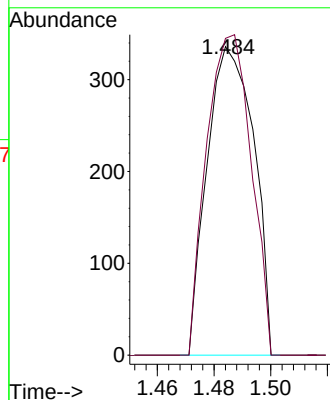
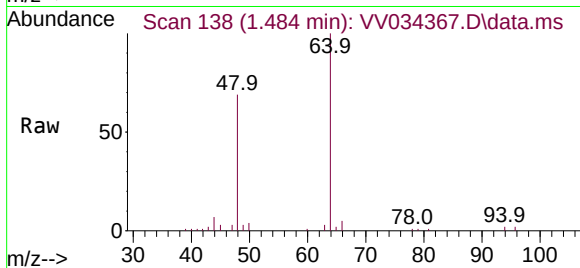
ClientSampleId :

Tgt Ion: 94 Resp: 384

Ion Ratio Lower Upper

94 100

96 102.7 66.6 123.8



#8

Chloroethane

Concen: 166.972 ug/L

RT: 1.294 min Scan# 79

Delta R.T. -0.257 min

Lab File: VV034367.D

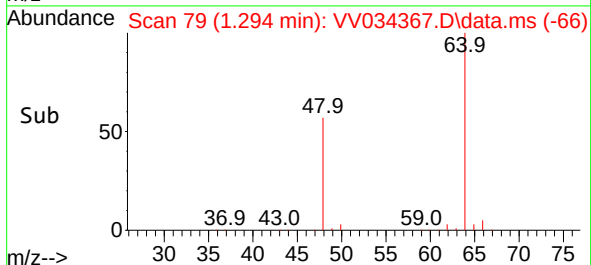
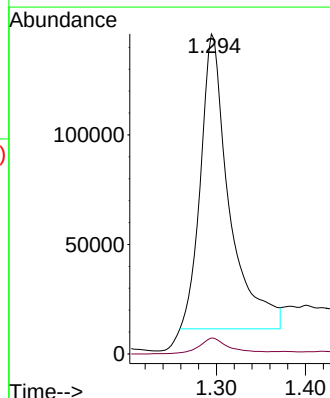
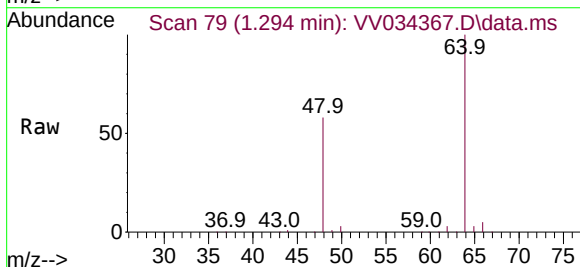
Acq: 23 Feb 2024 11:44

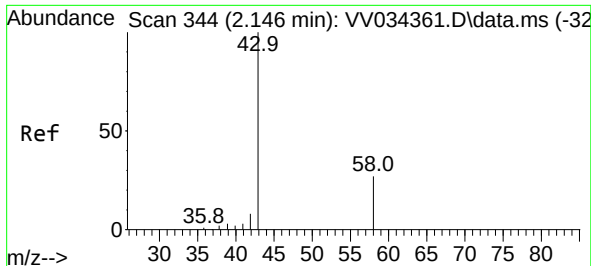
Tgt Ion: 64 Resp: 300418

Ion Ratio Lower Upper

64 100

66 5.0 22.0 41.0#





#13

Acetone

Concen: 9.565 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.029 min

Lab File: VV034367.D

Acq: 23 Feb 2024 11:44

Instrument :

MSVOA_V

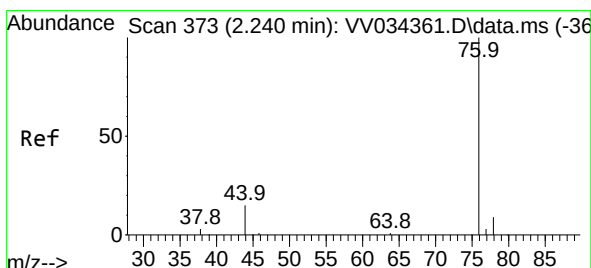
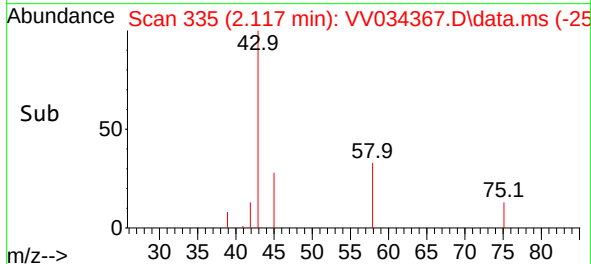
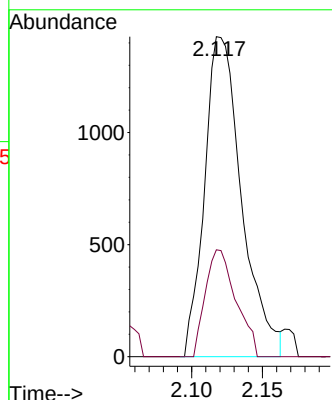
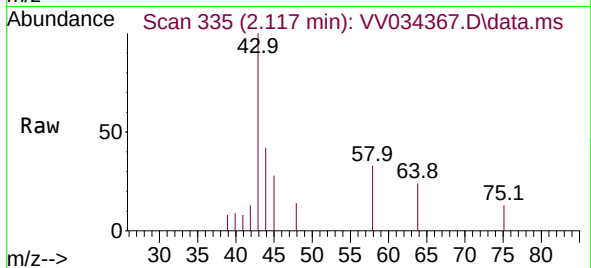
ClientSampleId :

Tgt Ion: 43 Resp: 2606

Ion Ratio Lower Upper

43 100

58 27.5 0.0 13.8#



#14

Carbon disulfide

Concen: 2.844 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034367.D

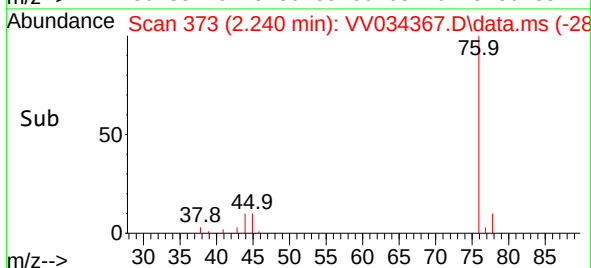
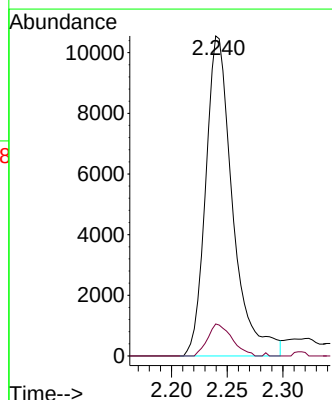
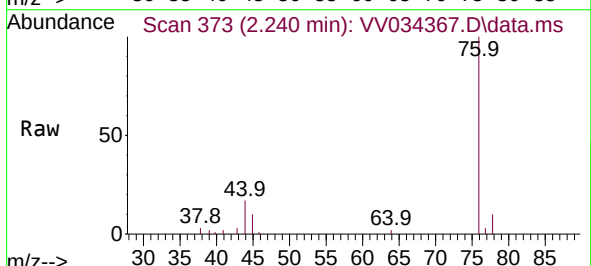
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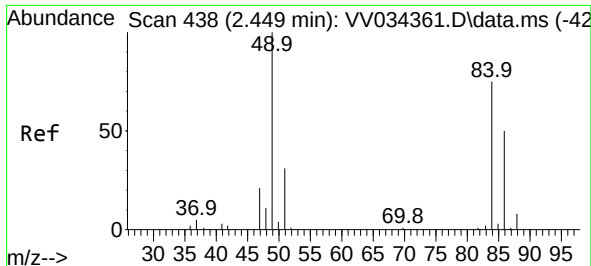
Tgt Ion: 76 Resp: 17749

Ion Ratio Lower Upper

76 100

78 10.0 7.5 11.3

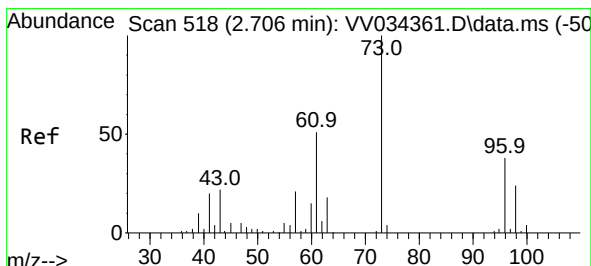
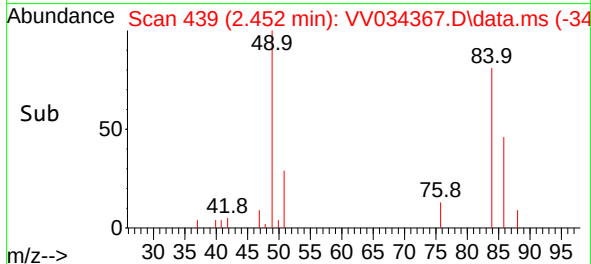
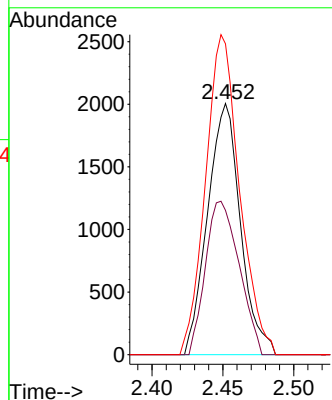
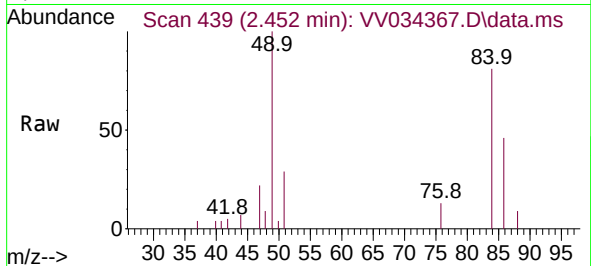




#16
Methylene chloride
Concen: 1.751 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV034367.D
Acq: 23 Feb 2024 11:44

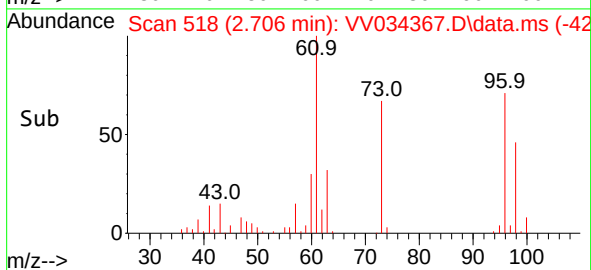
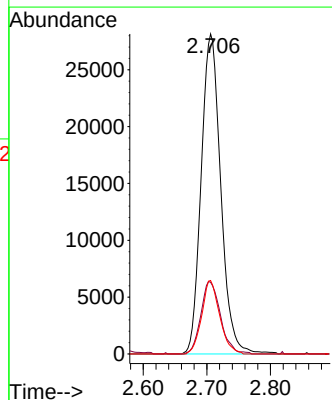
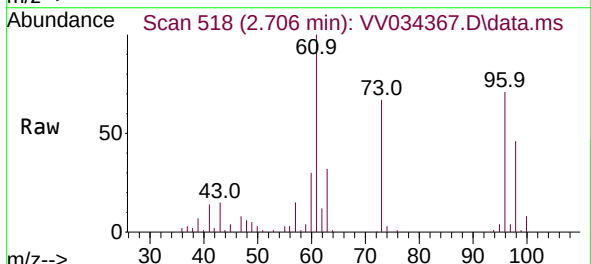
Instrument :
MSVOA_V
ClientSampleId :

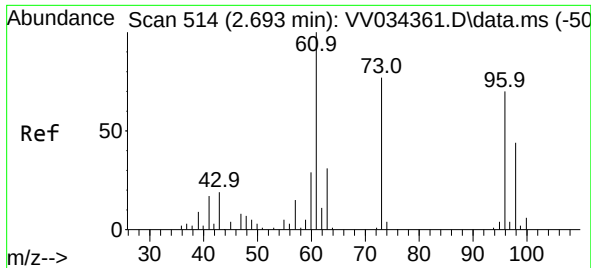
Tgt Ion: 84 Resp: 3240
Ion Ratio Lower Upper
84 100
86 57.4 44.7 83.1
49 123.7 93.7 173.9



#17
Methyl tert-butyl Ether
Concen: 15.186 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV034367.D
Acq: 23 Feb 2024 11:44

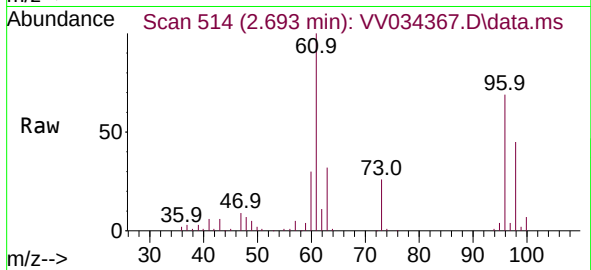
Tgt Ion: 73 Resp: 60183
Ion Ratio Lower Upper
73 100
43 22.7 17.7 26.5
57 21.1 17.9 26.9





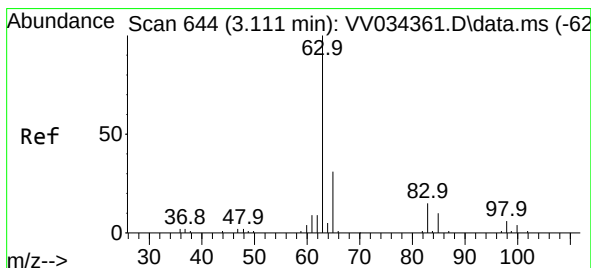
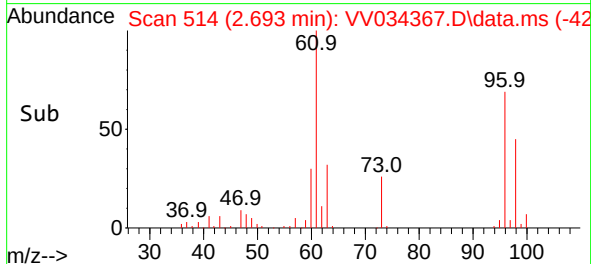
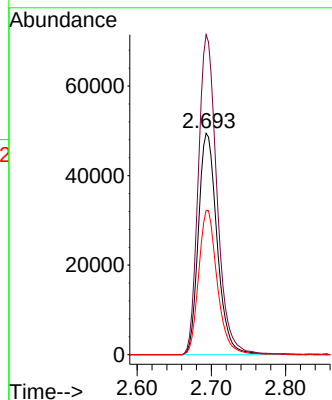
#18
trans-1,2-Dichloroethene
Concen: 44.188 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV034367.D
Acq: 23 Feb 2024 11:44

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 86814

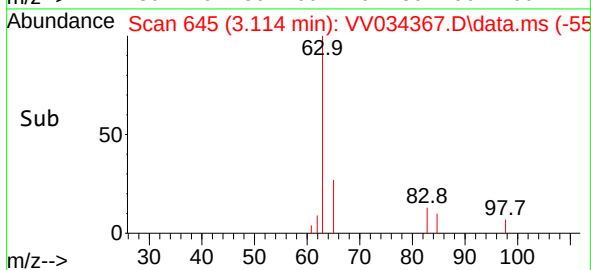
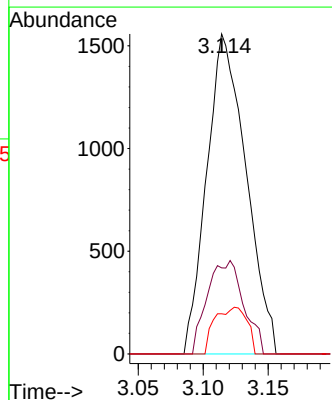
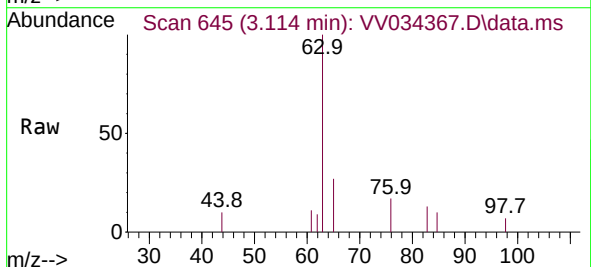
Ion	Ratio	Lower	Upper
96	100		
61	144.6	97.6	181.4
98	65.2	44.4	82.5

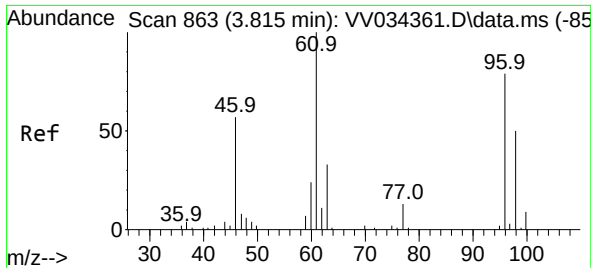


#19
1,1-Dichloroethane
Concen: 0.906 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.003 min
Lab File: VV034367.D
Acq: 23 Feb 2024 11:44

Tgt Ion: 63 Resp: 3270

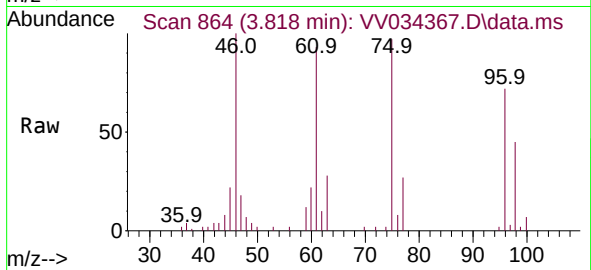
Ion	Ratio	Lower	Upper
63	100		
65	26.9	20.8	38.6
83	12.5	9.4	17.4



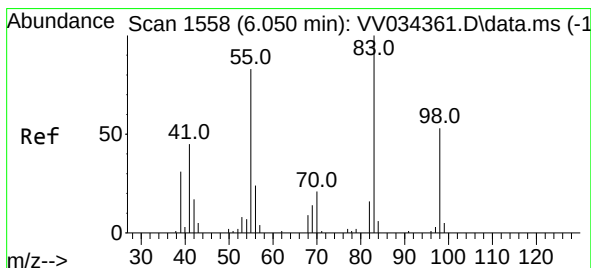
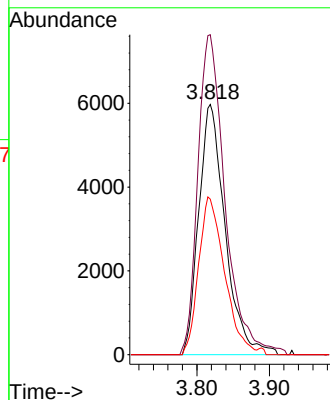
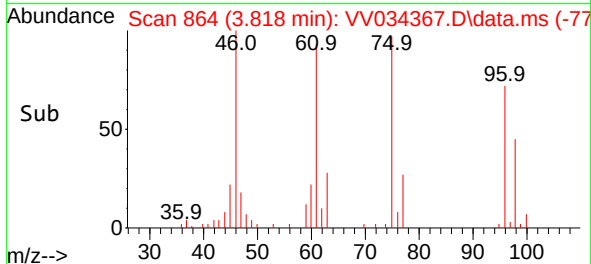


#22
cis-1,2-Dichloroethene
Concen: 6.800 ug/L
RT: 3.818 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV034367.D
Acq: 23 Feb 2024 11:44

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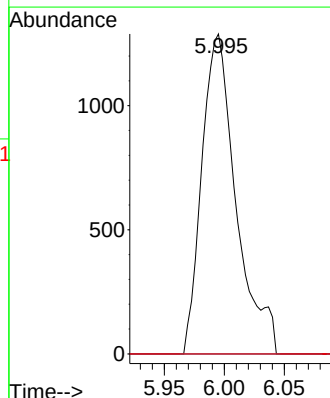
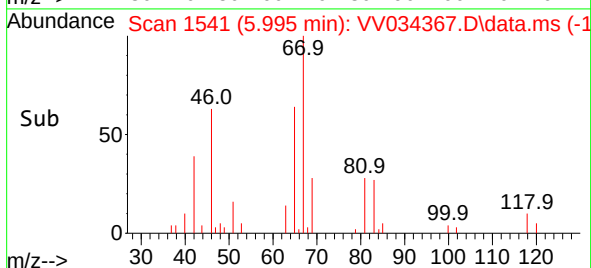
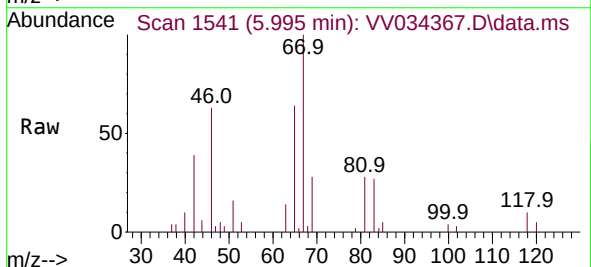


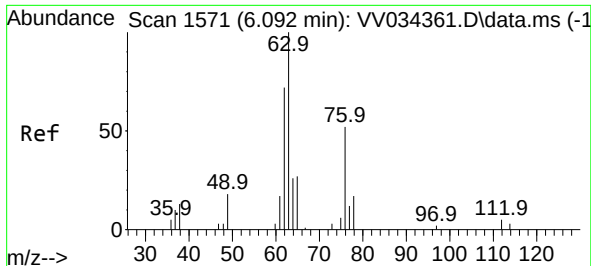
Tgt Ion: 96 Resp: 15157
Ion Ratio Lower Upper
96 100
61 127.9 90.3 167.7
98 62.2 43.2 80.2



#35
Methylcyclohexane
Concen: 0.712 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.055 min
Lab File: VV034367.D
Acq: 23 Feb 2024 11:44

Tgt Ion: 83 Resp: 2561
Ion Ratio Lower Upper
83 100
55 4.8 63.5 95.3#
98 0.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.692 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.097 min

Lab File: VV034367.D

Acq: 23 Feb 2024 11:44

Instrument :

MSVOA_V

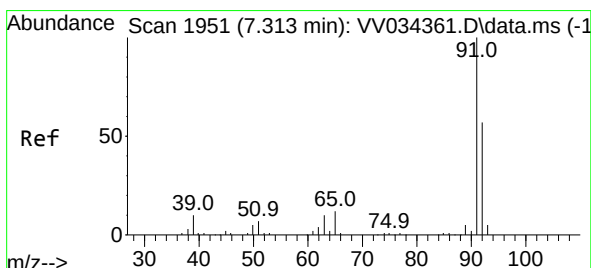
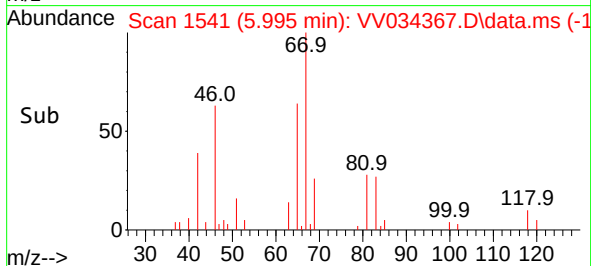
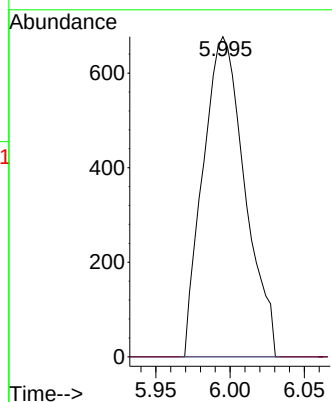
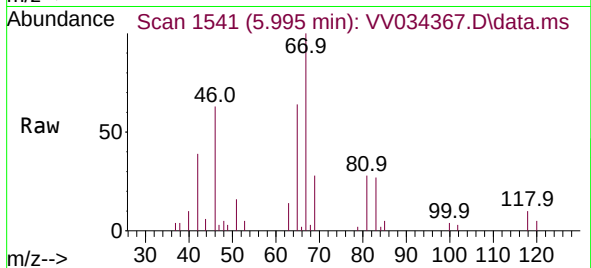
ClientSampleId :

Tgt Ion: 63 Resp: 1328

Ion Ratio Lower Upper

63 100

112 6.4 3.4 5.0#



#42

Toluene

Concen: 0.101 ug/L

RT: 7.339 min Scan# 1959

Delta R.T. 0.026 min

Lab File: VV034367.D

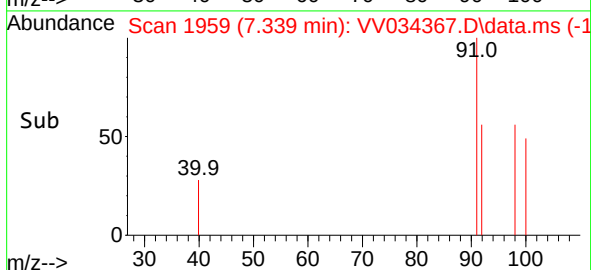
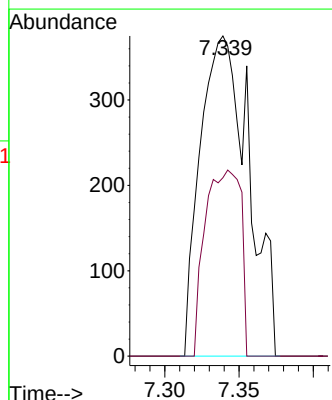
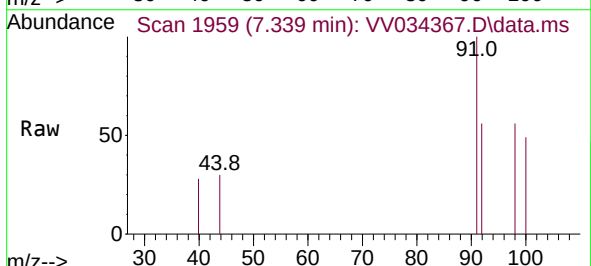
Acq: 23 Feb 2024 11:44

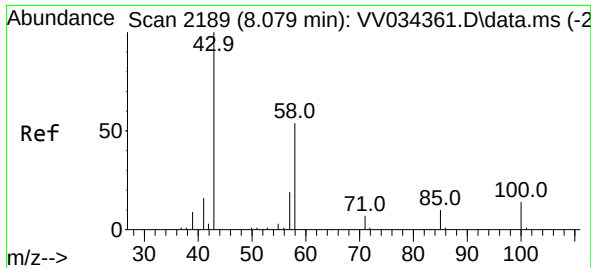
Tgt Ion: 91 Resp: 852

Ion Ratio Lower Upper

91 100

92 55.7 42.1 78.3

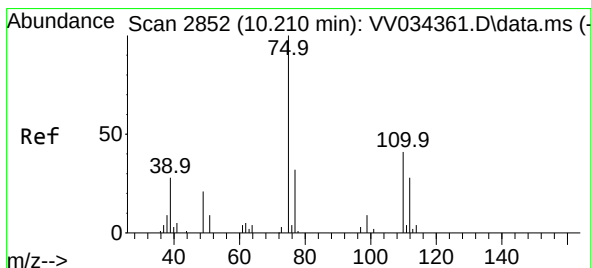
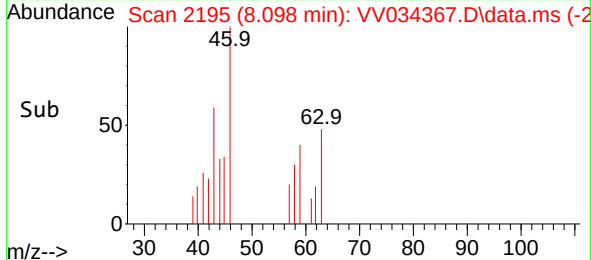
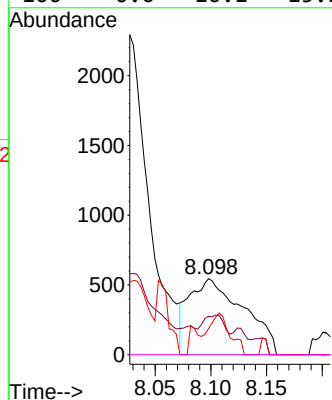
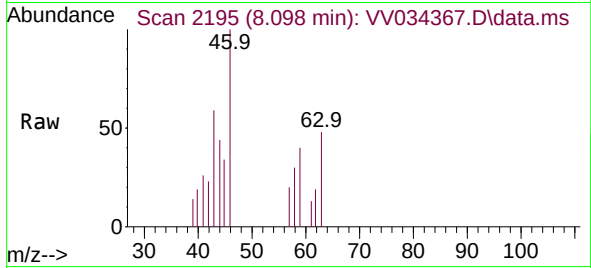




#48
2-Hexanone
Concen: 2.870 ug/L
RT: 8.098 min Scan# 2189
Delta R.T. 0.019 min
Lab File: VV034367.D
Acq: 23 Feb 2024 11:44

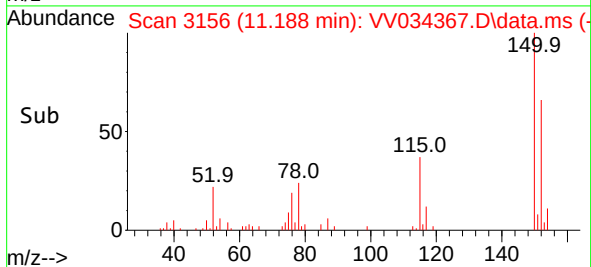
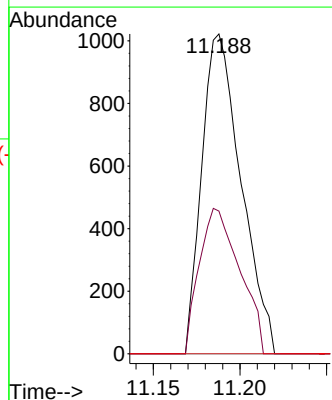
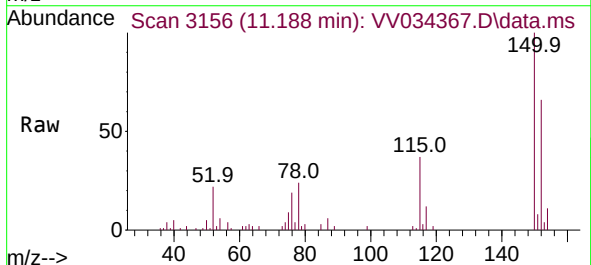
Instrument :
MSVOA_V
ClientSampleId :

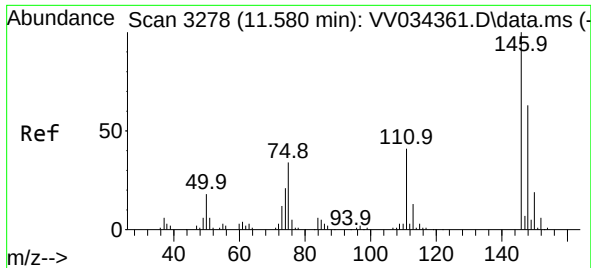
Tgt Ion: 43 Resp: 1858
Ion Ratio Lower Upper
43 100
58 9.0 42.6 64.0#
57 21.1 15.5 23.3
100 0.0 10.1 15.1#



#61
1,2,3-Trichloropropane
Concen: 1.830 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.977 min
Lab File: VV034367.D
Acq: 23 Feb 2024 11:44

Tgt Ion: 75 Resp: 1608
Ion Ratio Lower Upper
75 100
77 46.8 26.9 40.3#
110 0.0 33.3 49.9#





#67

1,2-Dichlorobenzene

Concen: 0.233 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

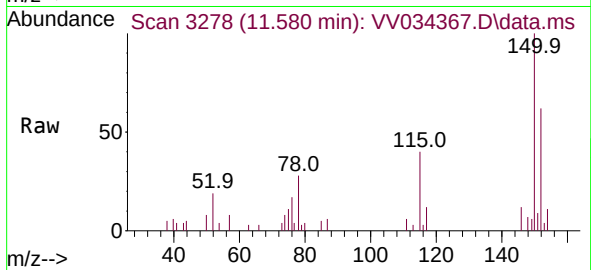
Lab File: VV034367.D

Acq: 23 Feb 2024 11:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:146 Resp: 824

Ion Ratio Lower Upper

146 100

111 50.9 31.2 46.8#

148 61.5 49.8 74.8

