

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032923\
 Data File : VW030333.D
 Acq On : 29 Mar 2023 17:45
 Operator : SY/MD
 Sample : 02092-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB973

Quant Time: Mar 30 02:13:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 30 01:55:26 2023
 Response via : Initial Calibration

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

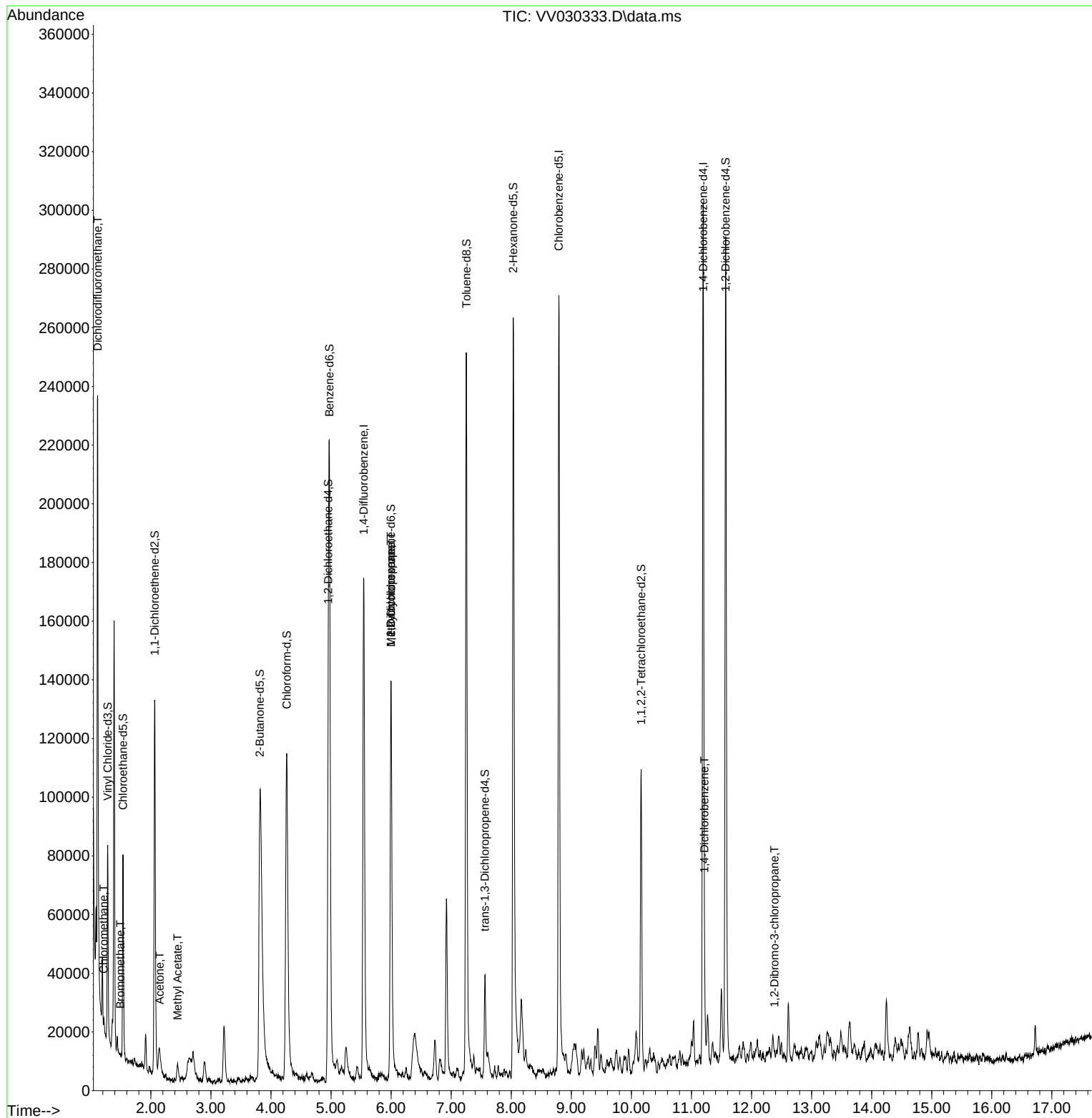
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	144049	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	143941	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	75323	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	40807	4.277	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.536	69	42599	4.601	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.063	63	68586	3.030	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.600%
20) 2-Butanone-d5	3.815	46	119261	48.364	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.720%
24) Chloroform-d	4.262	84	108609	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	4.954	65	52968	4.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	4.973	84	192152	4.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	5.998	67	61778	4.865	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.252	98	164383	4.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	7.561	79	20745	4.339	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.034	63	91110	47.423	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.840%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	46440	4.640	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.571	152	69217	5.141	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.114	85	3194	0.174	ug/L	94
3) Chloromethane	1.217	50	3007	0.130	ug/L	91
6) Bromomethane	1.491	94	416	0.087	ug/L	98
13) Acetone	2.147	43	14590	6.187	ug/L	83
15) Methyl Acetate	2.442	43	1783	0.423	ug/L #	66
35) Methylcyclohexane	5.995	83	16499	0.762	ug/L #	17
37) 1,2-Dichloropropane	5.995	63	7538	0.574	ug/L #	86
65) 1,4-Dichlorobenzene	11.217	146	4791	0.172	ug/L	88
68) 1,2-Dibromo-3-chloropr...	12.381	75	352	0.210	ug/L #	3

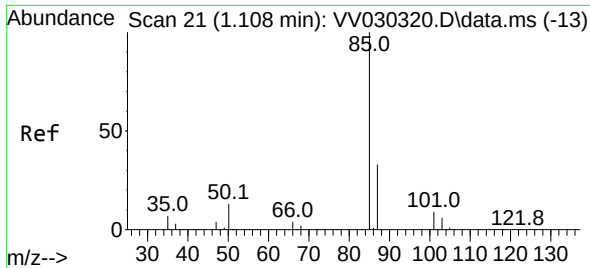
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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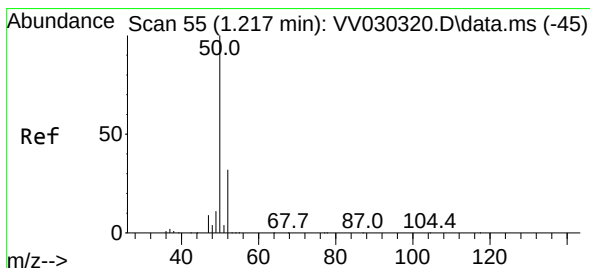
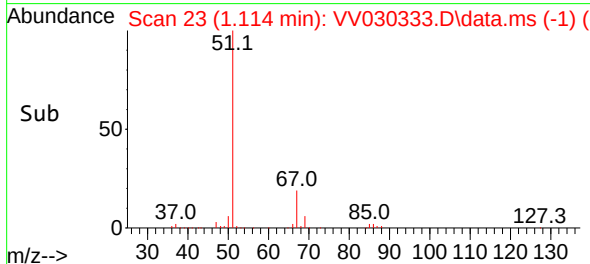
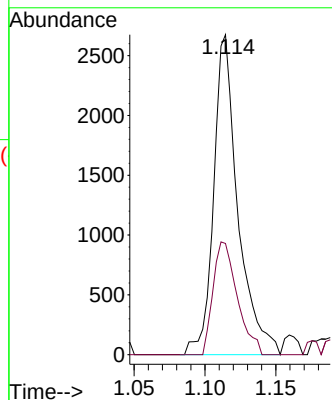
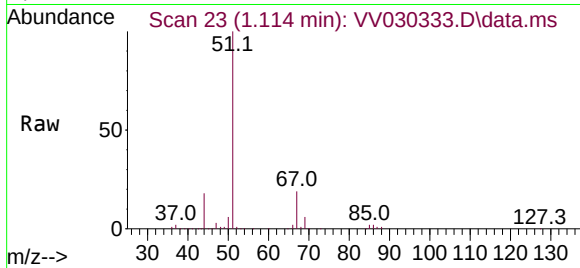




#2
 Dichlorodifluoromethane
 Concen: 0.174 ug/L
 RT: 1.114 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VV030333.D
 Acq: 29 Mar 2023 17:45

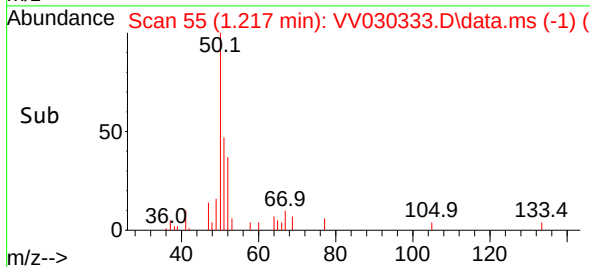
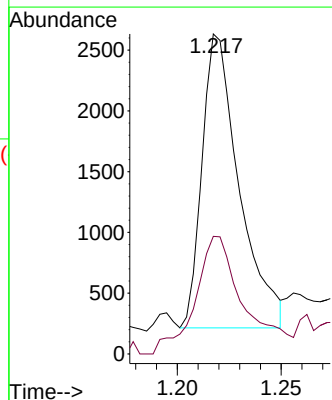
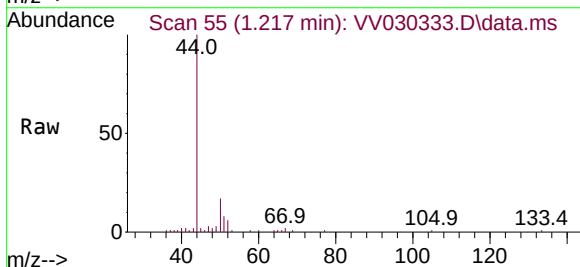
Instrument :
 MSVOA_V
 ClientSampleId :
 CB973

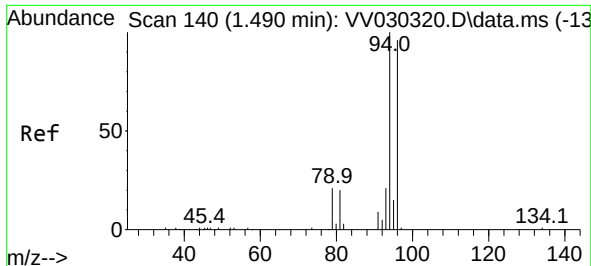
Tgt Ion: 85 Resp: 3194
 Ion Ratio Lower Upper
 85 100
 87 35.2 25.6 38.4



#3
 Chloromethane
 Concen: 0.130 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV030333.D
 Acq: 29 Mar 2023 17:45

Tgt Ion: 50 Resp: 3007
 Ion Ratio Lower Upper
 50 100
 52 36.8 22.3 41.5

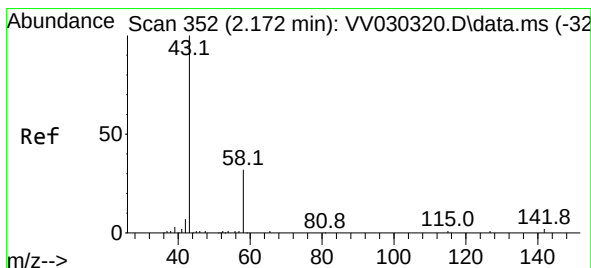
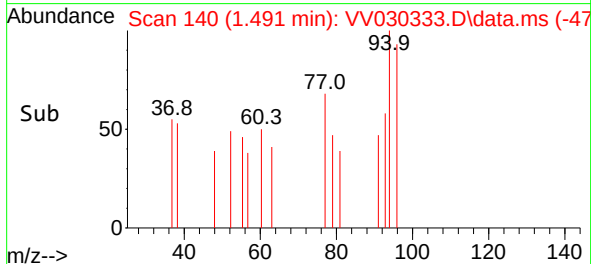
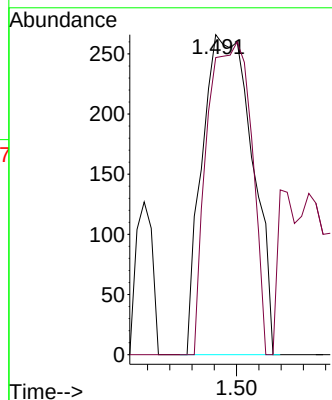
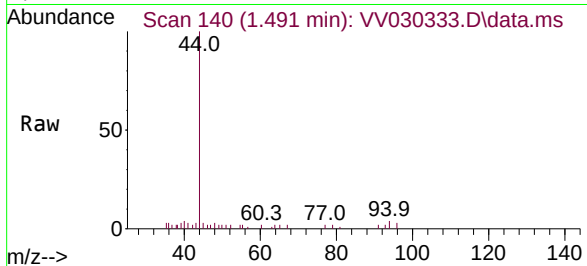




#6
Bromomethane
Concen: 0.087 ug/L
RT: 1.491 min Scan# 14
Delta R.T. 0.000 min
Lab File: VV030333.D
Acq: 29 Mar 2023 17:45

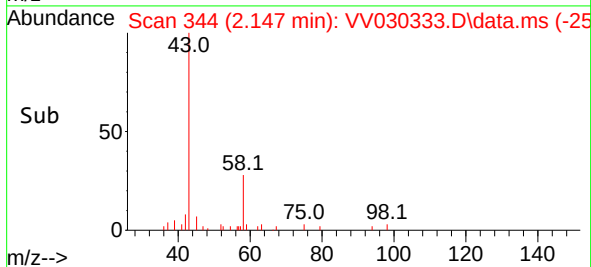
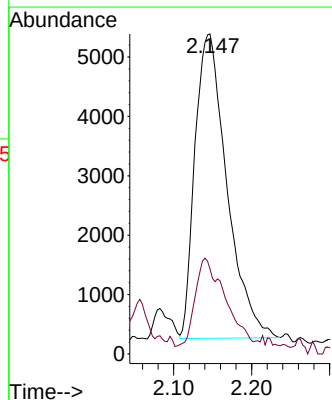
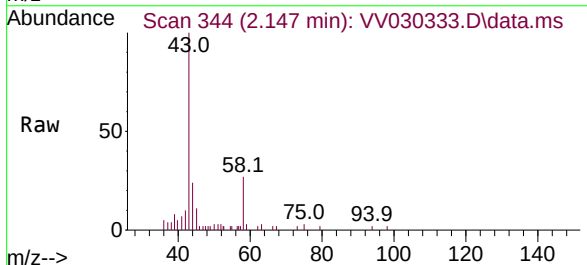
Instrument :
MSVOA_V
ClientSampleId :
CB973

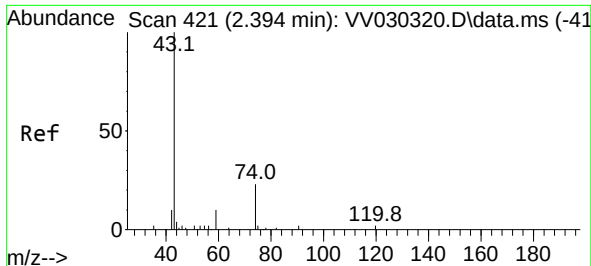
Tgt Ion: 94 Resp: 416
Ion Ratio Lower Upper
94 100
96 92.9 66.1 122.7



#13
Acetone
Concen: 6.187 ug/L
RT: 2.147 min Scan# 344
Delta R.T. -0.026 min
Lab File: VV030333.D
Acq: 29 Mar 2023 17:45

Tgt Ion: 43 Resp: 14590
Ion Ratio Lower Upper
43 100
58 28.2 0.0 40.8

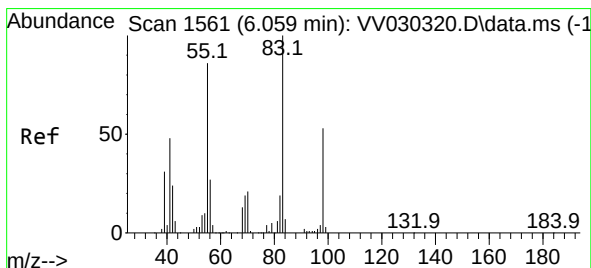
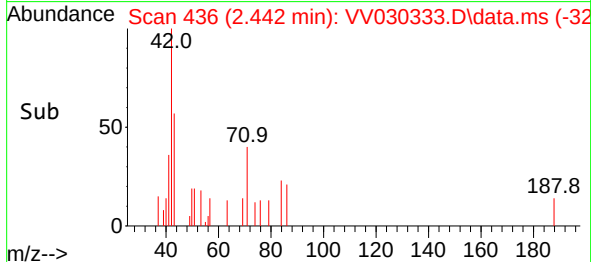
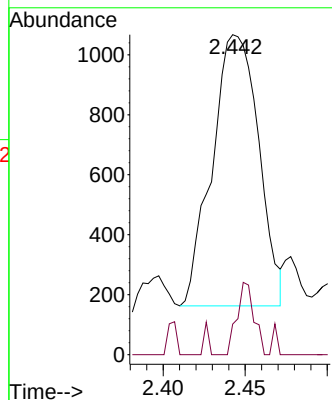
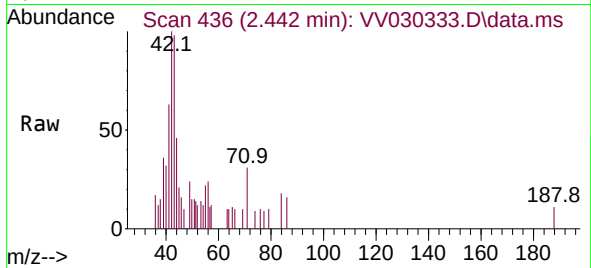




#15
Methyl Acetate
Concen: 0.423 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.048 min
Lab File: VV030333.D
Acq: 29 Mar 2023 17:45

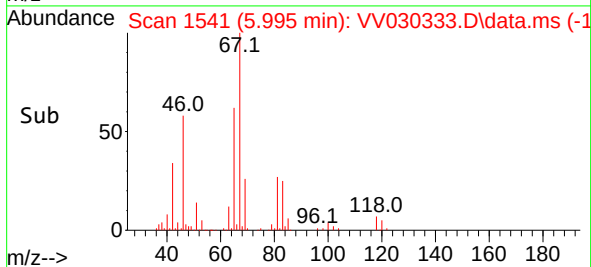
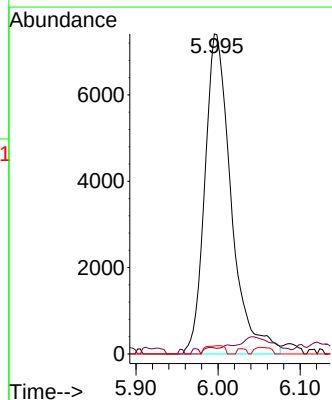
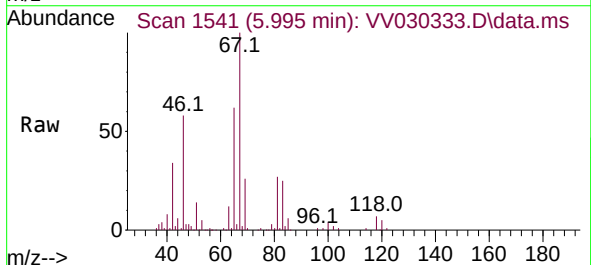
Instrument :
MSVOA_V
ClientSampleId :
CB973

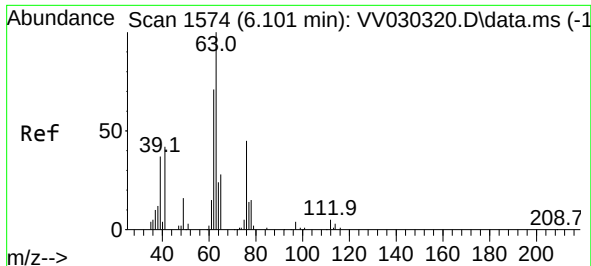
Tgt Ion: 43 Resp: 1783
Ion Ratio Lower Upper
43 100
74 9.8 22.1 33.1#



#35
Methylcyclohexane
Concen: 0.762 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.064 min
Lab File: VV030333.D
Acq: 29 Mar 2023 17:45

Tgt Ion: 83 Resp: 16499
Ion Ratio Lower Upper
83 100
55 1.0 66.6 100.0#
98 1.8 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.574 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV030333.D

Acq: 29 Mar 2023 17:45

Instrument :

MSVOA_V

ClientSampleId :

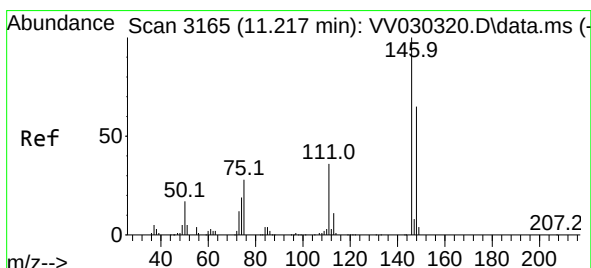
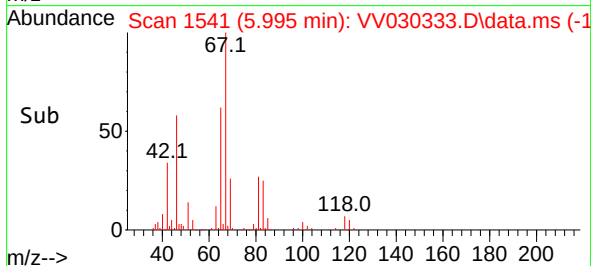
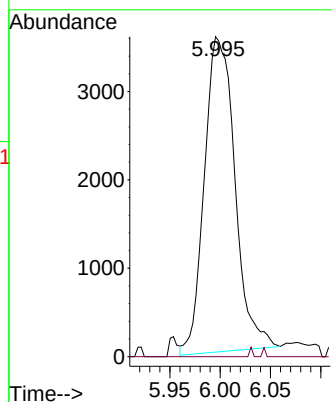
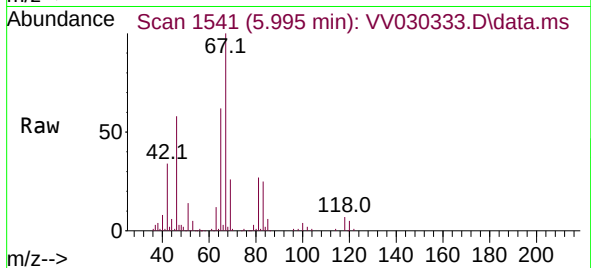
CB973

Tgt Ion: 63 Resp: 7538

Ion Ratio Lower Upper

63 100

112 0.3 3.9 5.9#



#65

1,4-Dichlorobenzene

Concen: 0.172 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. 0.000 min

Lab File: VV030333.D

Acq: 29 Mar 2023 17:45

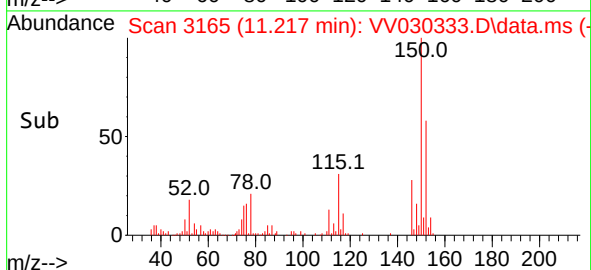
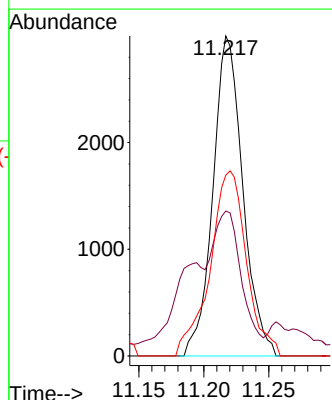
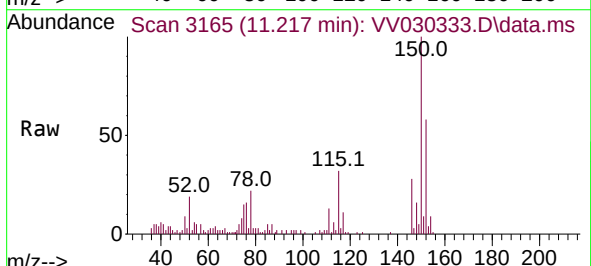
Tgt Ion: 146 Resp: 4791

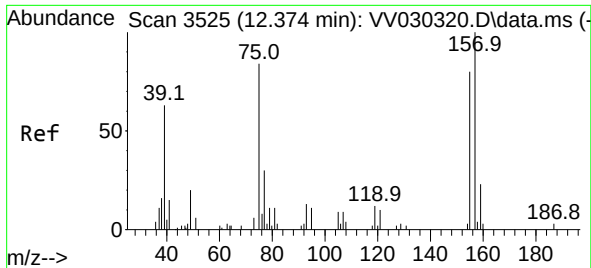
Ion Ratio Lower Upper

146 100

111 45.3 26.0 48.4

148 56.5 45.2 84.0





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.210 ug/L
 RT: 12.381 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: VV030333.D
 Acq: 29 Mar 2023 17:45

Instrument :
 MSVOA_V
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Tgt Ion: 75 Resp: 352
 Ion Ratio Lower Upper
 75 100
 155 0.0 64.6 96.8#
 157 0.0 83.8 125.6#

