

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060623\
 Data File : VW031374.D
 Acq On : 06 Jun 2023 14:47
 Operator : SY/MD
 Sample : 02990-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C43

Quant Time: Jun 07 02:02:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 07 01:59:39 2023
 Response via : Initial Calibration

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

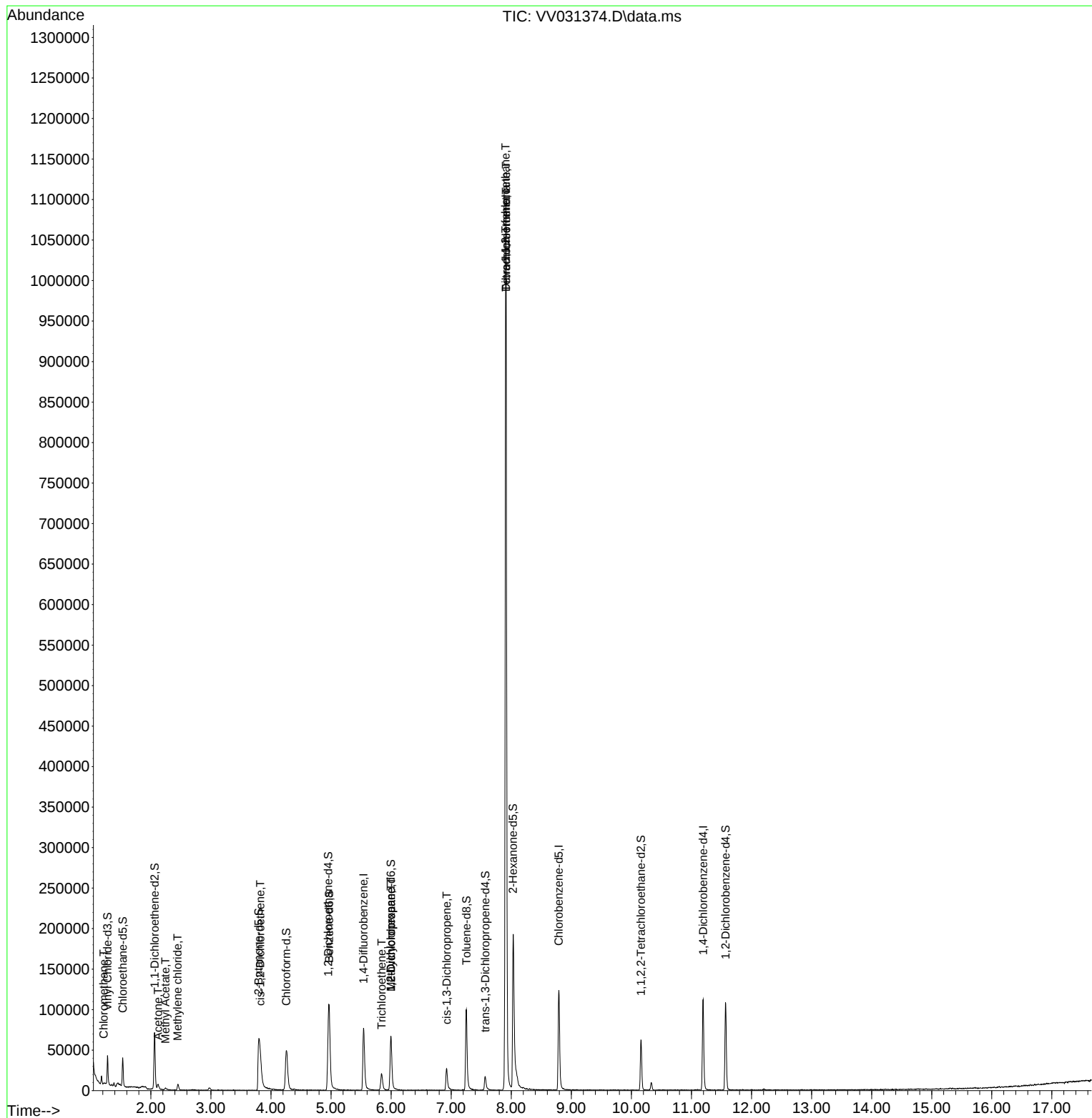
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	63222	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	68953	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	30761	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23003	3.577	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.532	69	22468	4.136	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.063	65	12581	4.029	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	3.796	46	101844	68.420	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.840%#
24) Chloroform-d	4.256	84	54804	5.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	4.953	65	33639	5.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.000%
32) Benzene-d6	4.969	84	88003	4.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	5.995	67	33577	4.742	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.252	98	70977	3.606	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.200%
43) trans-1,3-Dichloroprop...	7.567	79	11283	4.377	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.030	63	63228	61.060	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.120%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	29734	5.524	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	27143	4.679	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	809	0.096	ug/L	95
13) Acetone	2.121	43	5576	3.242	ug/L	85
15) Methyl Acetate	2.243	43	725	0.217	ug/L #	56
16) Methylene chloride	2.445	84	2725	0.380	ug/L	84
22) cis-1,2-Dichloroethene	3.822	96	11626	2.048	ug/L	92
34) Trichloroethene	5.841	95	6986	1.054	ug/L	91
35) Methylcyclohexane	5.995	83	7660	0.776	ug/L #	13
37) 1,2-Dichloropropane	5.995	63	3686	0.510	ug/L #	86
39) cis-1,3-Dichloropropene	6.924	75	910	0.096	ug/L #	1
45) 1,1,2-Trichloroethane	7.905	97	2160	0.441	ug/L #	7
47) Tetrachloroethene	7.911	164	241897	46.838	ug/L	98
49) Dibromochloromethane	7.911	129	221314	40.426	ug/L #	10

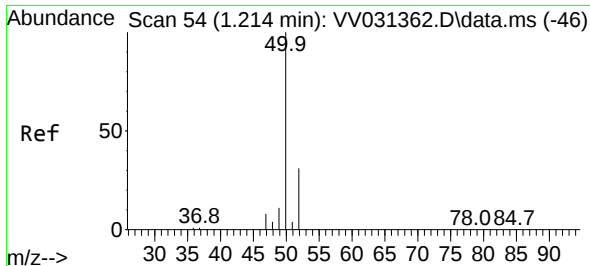
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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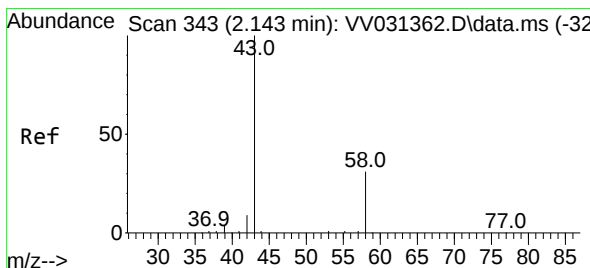
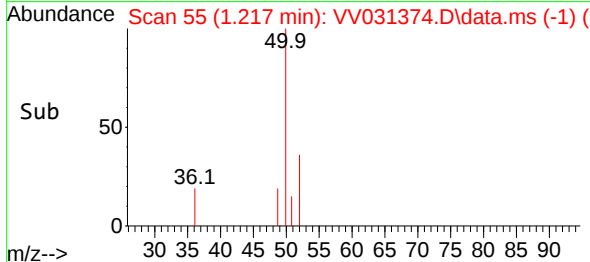
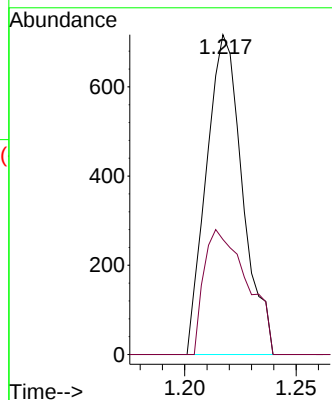
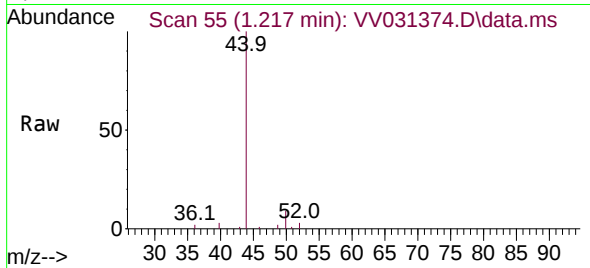




#3
Chloromethane
Concen: 0.096 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV031374.D
Acq: 06 Jun 2023 14:47

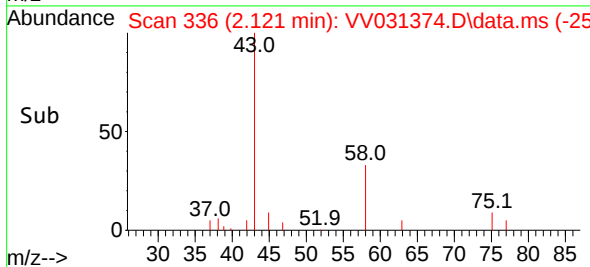
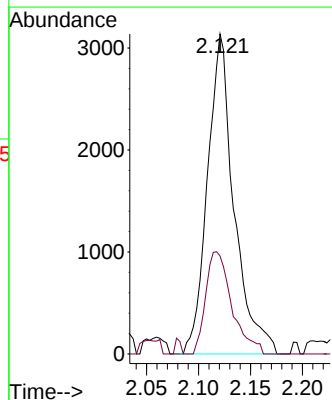
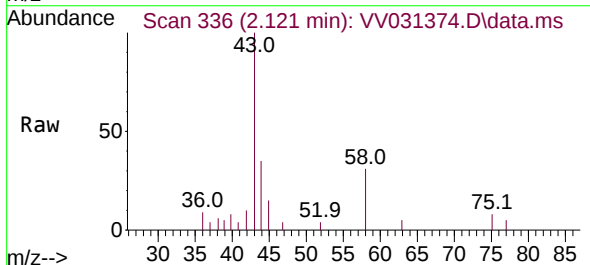
Instrument :
MSVOA_V
ClientSampleId :
F6C43

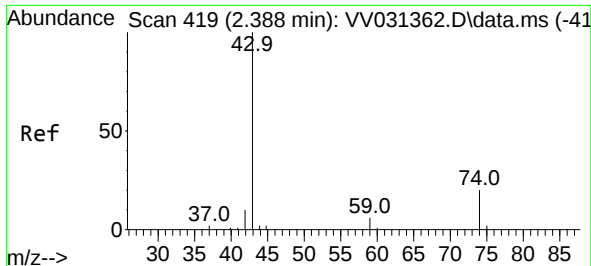
Tgt Ion: 50 Resp: 809
Ion Ratio Lower Upper
50 100
52 36.0 23.2 43.2



#13
Acetone
Concen: 3.242 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.023 min
Lab File: VV031374.D
Acq: 06 Jun 2023 14:47

Tgt Ion: 43 Resp: 5576
Ion Ratio Lower Upper
43 100
58 31.5 0.0 48.4

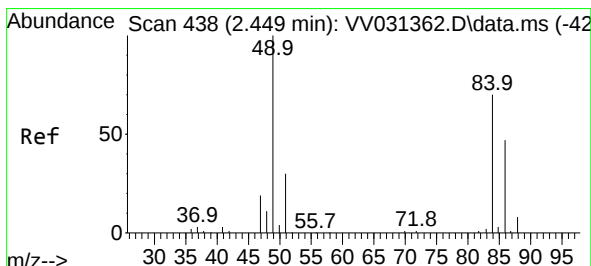
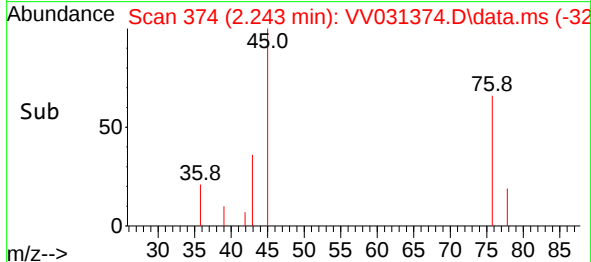
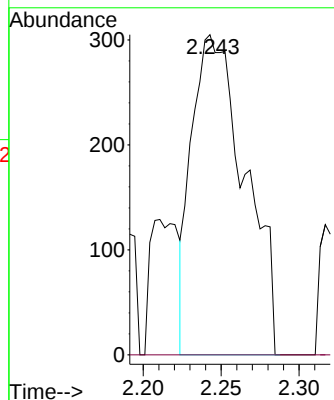
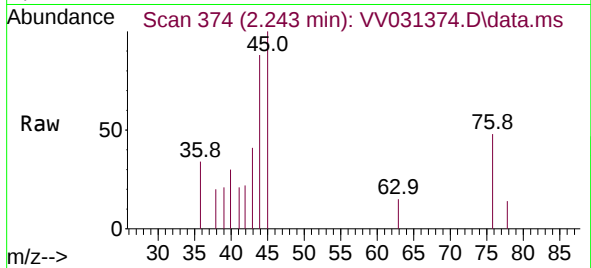




#15
Methyl Acetate
Concen: 0.217 ug/L
RT: 2.243 min Scan# 31
Delta R.T. -0.145 min
Lab File: VV031374.D
Acq: 06 Jun 2023 14:47

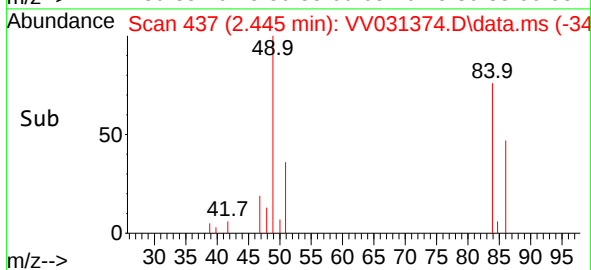
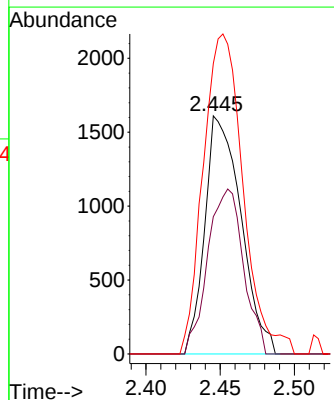
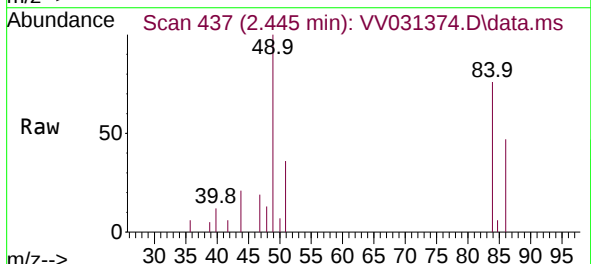
Instrument :
MSVOA_V
ClientSampleId :
F6C43

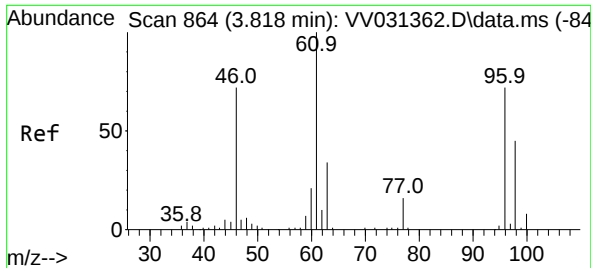
Tgt Ion: 43 Resp: 725
Ion Ratio Lower Upper
43 100
74 0.0 16.2 24.2#



#16
Methylene chloride
Concen: 0.380 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV031374.D
Acq: 06 Jun 2023 14:47

Tgt Ion: 84 Resp: 2725
Ion Ratio Lower Upper
84 100
86 57.7 46.7 86.7
49 122.0 101.6 188.8

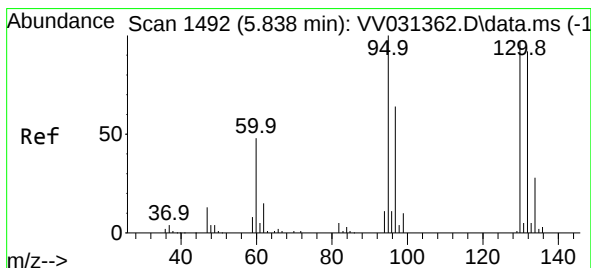
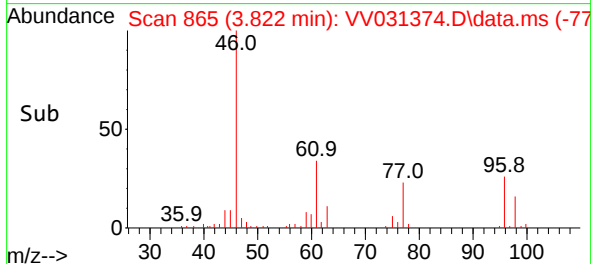
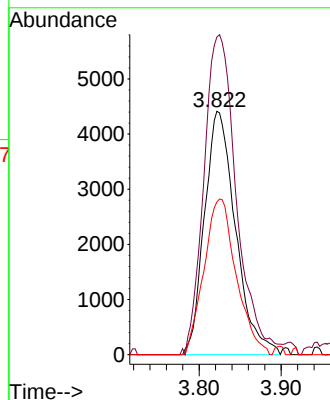
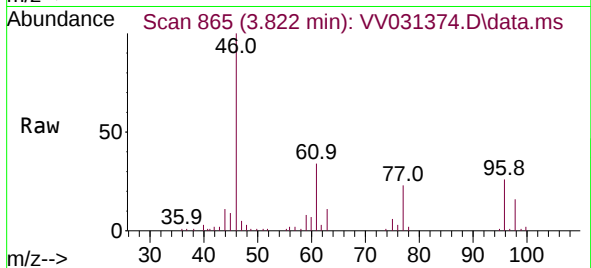




#22
 cis-1,2-Dichloroethene
 Concen: 2.048 ug/L
 RT: 3.822 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV031374.D
 Acq: 06 Jun 2023 14:47

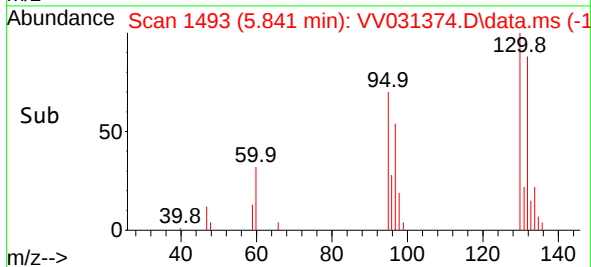
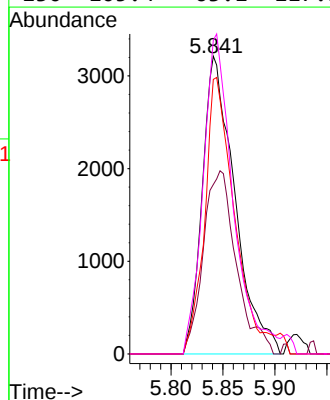
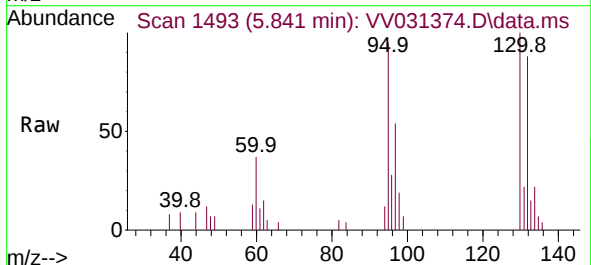
Instrument :
 MSVOA_V
 ClientSampleId :
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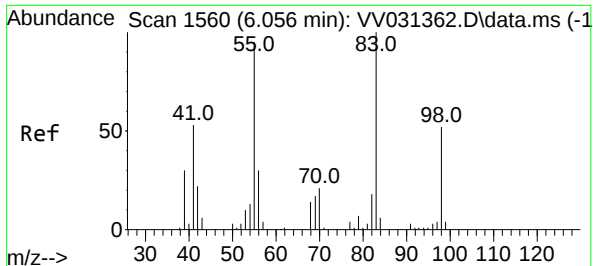
Tgt Ion: 96 Resp: 11626
 Ion Ratio Lower Upper
 96 100
 61 130.6 100.8 187.2
 98 62.7 45.1 83.9



#34
 Trichloroethene
 Concen: 1.054 ug/L
 RT: 5.841 min Scan# 1493
 Delta R.T. 0.003 min
 Lab File: VV031374.D
 Acq: 06 Jun 2023 14:47

Tgt Ion: 95 Resp: 6986
 Ion Ratio Lower Upper
 95 100
 97 56.9 46.1 85.5
 132 92.2 64.5 119.9
 130 105.4 63.1 117.1





#35

Methylcyclohexane

Concen: 0.776 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.061 min

Lab File: VV031374.D

Acq: 06 Jun 2023 14:47

Instrument :

MSVOA_V

ClientSampleId :

F6C43

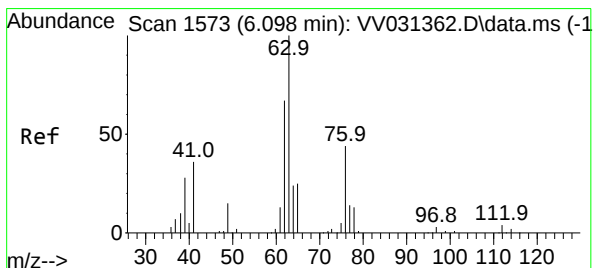
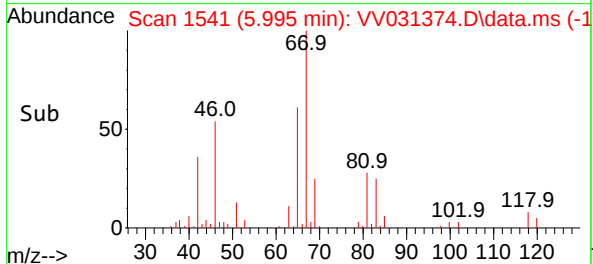
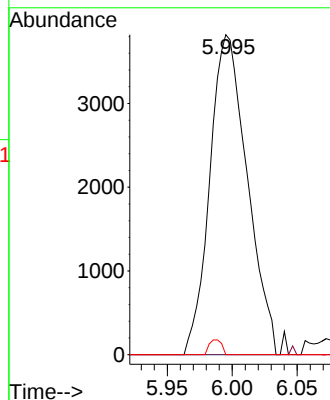
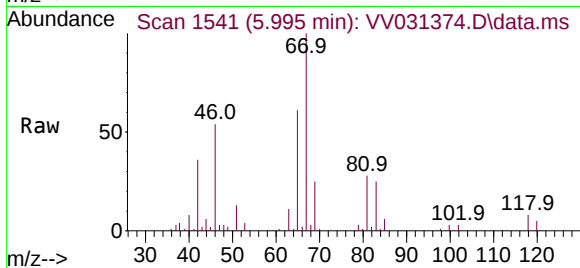
Tgt Ion: 83 Resp: 7660

Ion Ratio Lower Upper

83 100

55 0.3 74.6 112.0#

98 1.5 36.5 54.7#



#37

1,2-Dichloropropane

Concen: 0.510 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.103 min

Lab File: VV031374.D

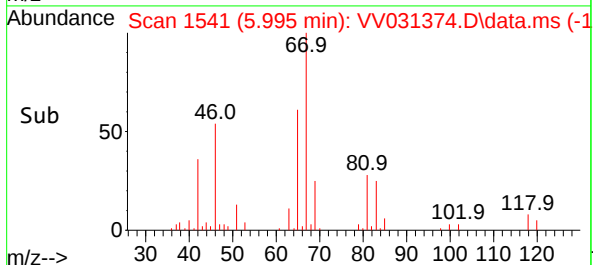
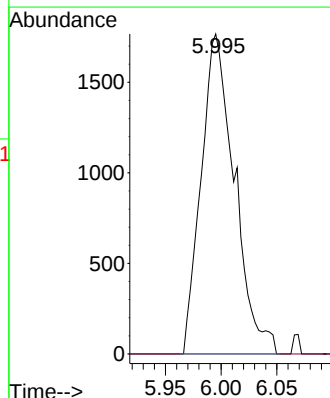
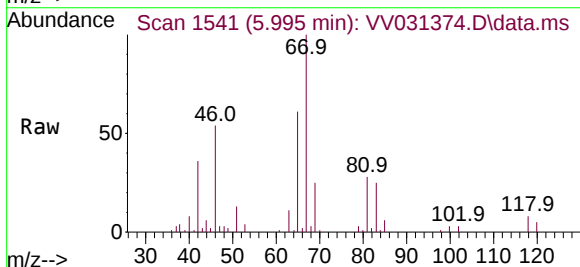
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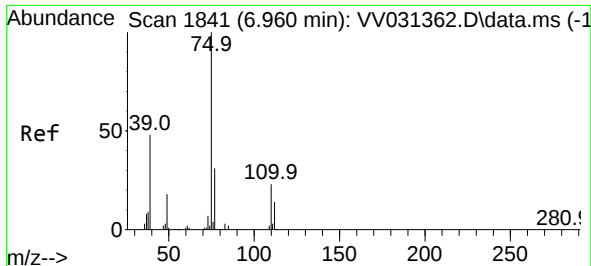
Tgt Ion: 63 Resp: 3686

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 6.924 min Scan# 11

Delta R.T. -0.036 min

Lab File: VV031374.D

Acq: 06 Jun 2023 14:47

Instrument :

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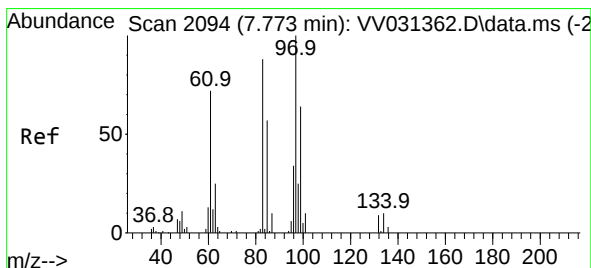
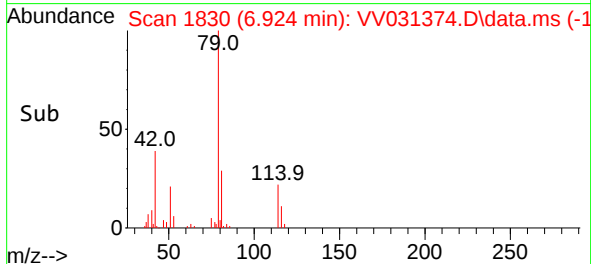
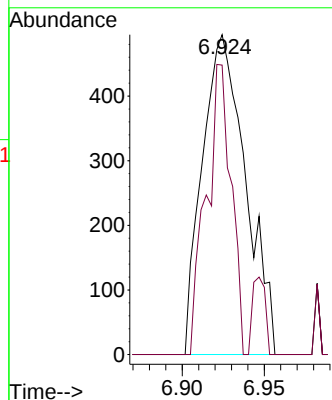
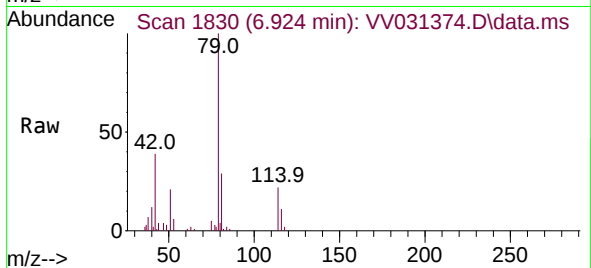
F6C43

Tgt Ion: 75 Resp: 910

Ion Ratio Lower Upper

75 100

77 90.5 21.3 39.5#



#45

1,1,2-Trichloroethane

Concen: 0.441 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.132 min

Lab File: VV031374.D

Acq: 06 Jun 2023 14:47

Tgt Ion: 97 Resp: 2160

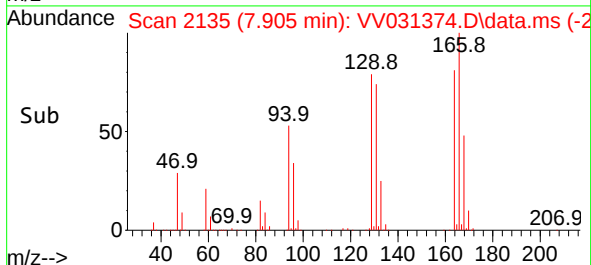
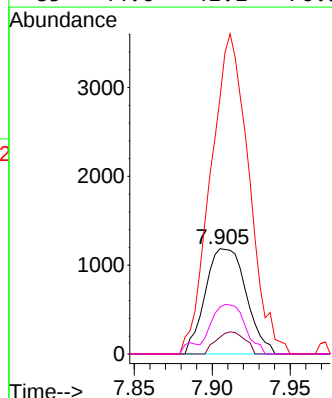
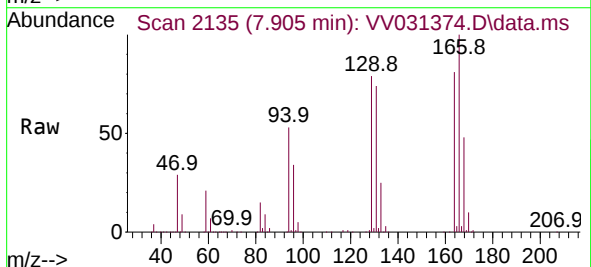
Ion Ratio Lower Upper

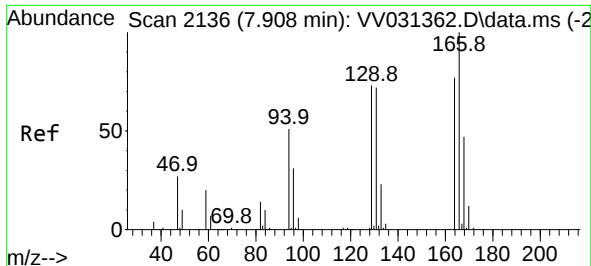
97 100

99 16.0 43.1 80.1#

83 243.9 63.1 117.1#

85 44.6 41.1 76.3

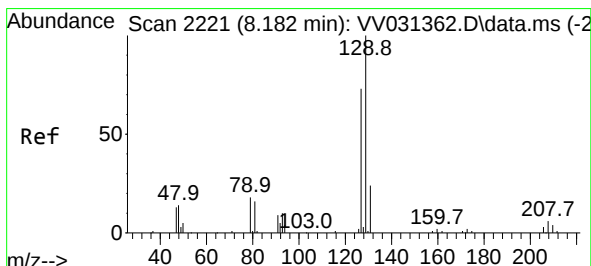
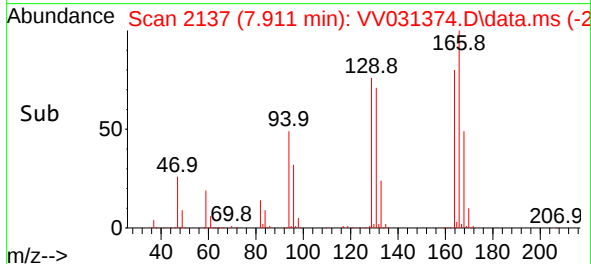
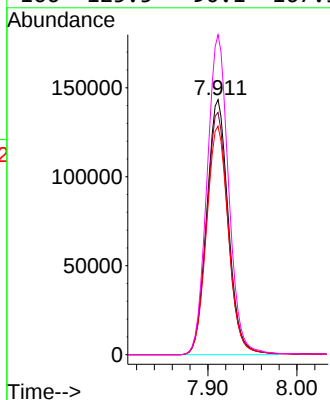
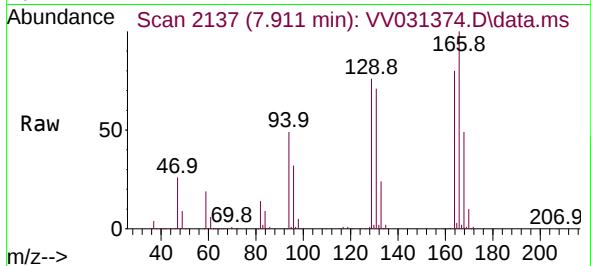




#47
Tetrachloroethene
Concen: 46.838 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV031374.D
Acq: 06 Jun 2023 14:47

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Tgt Ion:164 Resp: 241897
Ion Ratio Lower Upper
164 100
129 95.0 66.0 122.6
131 89.6 65.3 121.3
166 125.5 90.1 167.3



#49
Dibromochloromethane
Concen: 40.426 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.270 min
Lab File: VV031374.D
Acq: 06 Jun 2023 14:47

Tgt Ion:129 Resp: 221314
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#

