

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060623\
 Data File : VW031375.D
 Acq On : 06 Jun 2023 15:09
 Operator : SY/MD
 Sample : 02990-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C44

Quant Time: Jun 07 02:03:06 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)

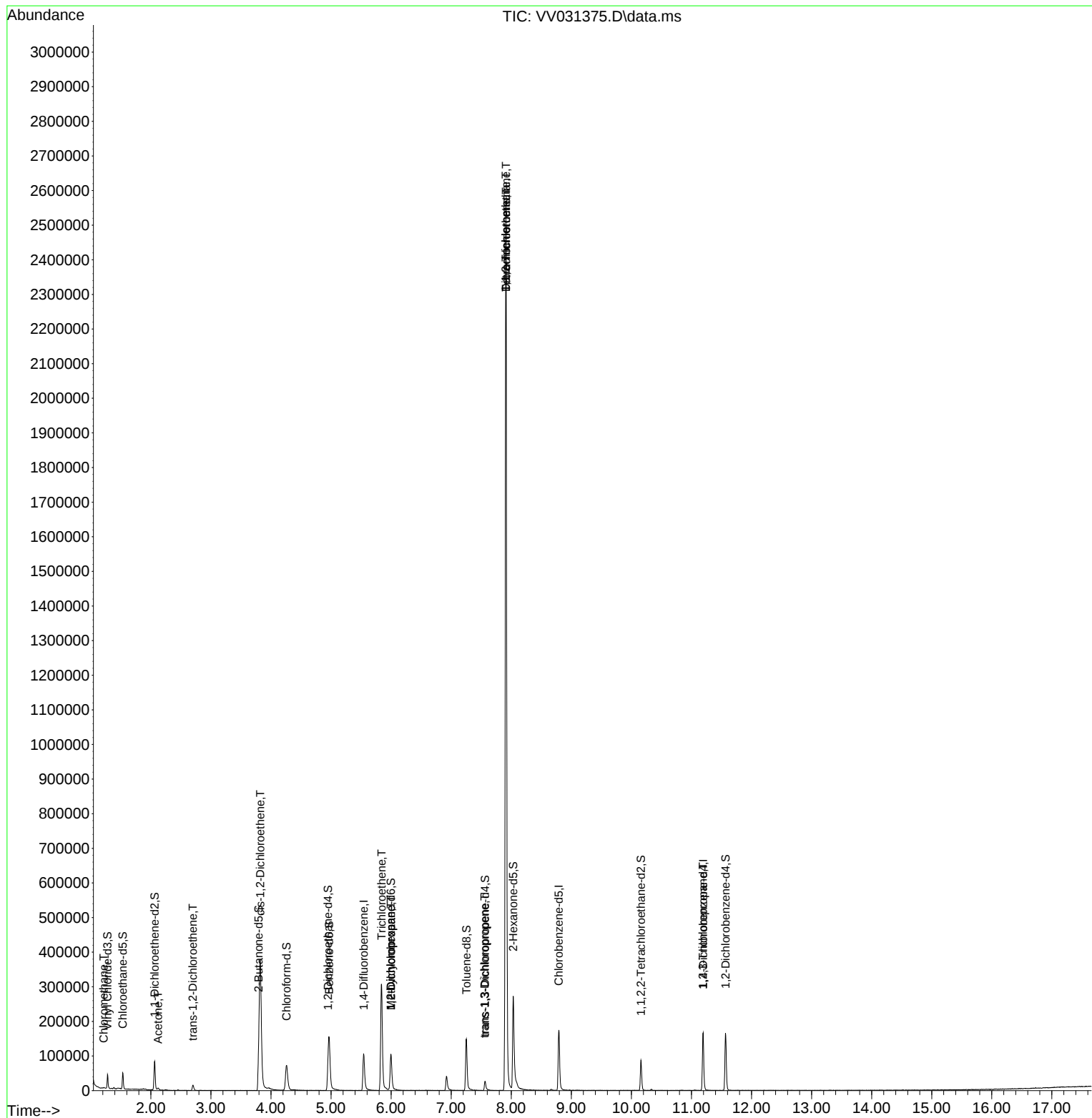
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	86597	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	94796	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	43655	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26060	2.958	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.200%
7) Chloroethane-d5	1.532	69	30612	4.114	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.063	65	14976	3.502	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	3.796	46	132264	64.872	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.740%
24) Chloroform-d	4.259	84	80376	5.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
26) 1,2-Dichloroethane-d4	4.950	65	49012	6.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.400%
32) Benzene-d6	4.969	84	127311	4.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	5.995	67	50199	5.157	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.252	98	104192	3.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
43) trans-1,3-Dichloroprop...	7.564	79	17906	5.053	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.034	63	89464	62.843	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.680%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	40339	5.451	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	42916	5.212	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1208	0.105	ug/L #	73
13) Acetone	2.121	43	5056	2.146	ug/L	89
18) trans-1,2-Dichloroethene	2.699	96	5646	0.736	ug/L	90
22) cis-1,2-Dichloroethene	3.822	96	189135	24.327	ug/L	97
34) Trichloroethene	5.841	95	111667	12.256	ug/L	96
35) Methylcyclohexane	5.998	83	12182	0.898	ug/L #	12
37) 1,2-Dichloropropane	5.995	63	6015	0.606	ug/L #	86
44) trans-1,3-Dichloropropene	7.558	75	917	0.082	ug/L #	70
45) 1,1,2-Trichloroethane	7.908	97	5293	0.785	ug/L #	7
47) Tetrachloroethene	7.911	164	552328	77.791	ug/L	99
49) Dibromochloromethane	7.911	129	509413	67.685	ug/L #	10
61) 1,2,3-Trichloropropane	11.191	75	5065	0.950	ug/L #	65

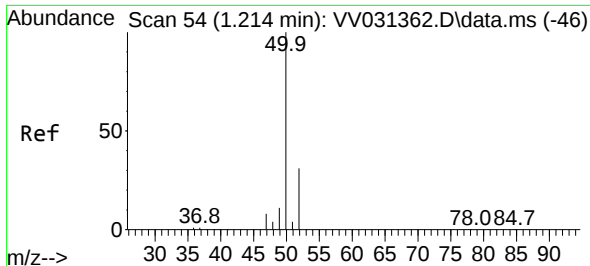
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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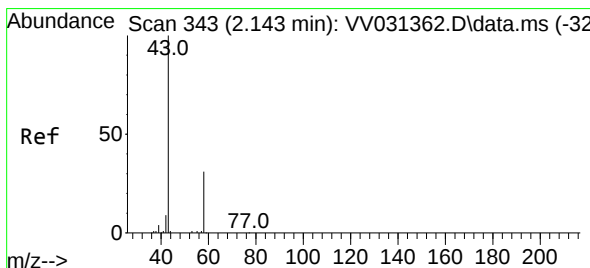
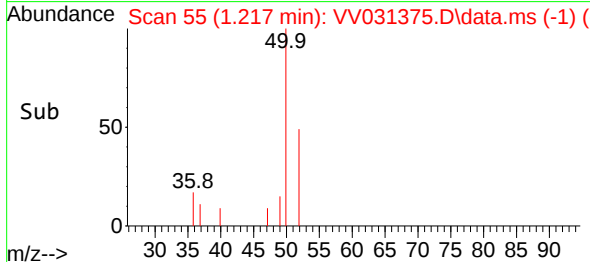
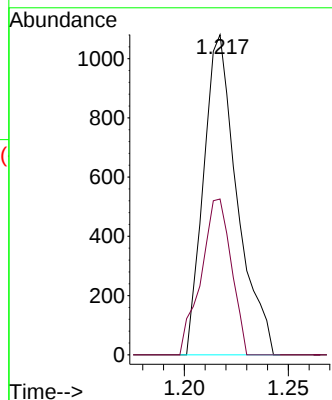
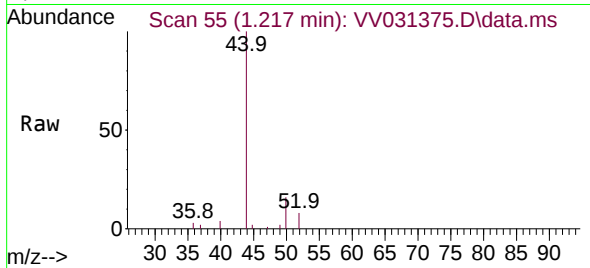




#3
Chloromethane
Concen: 0.105 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV031375.D
Acq: 06 Jun 2023 15:09

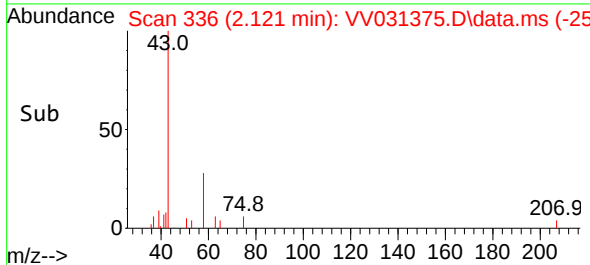
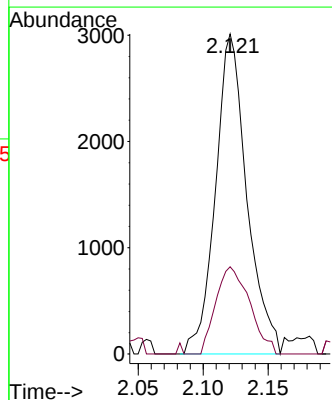
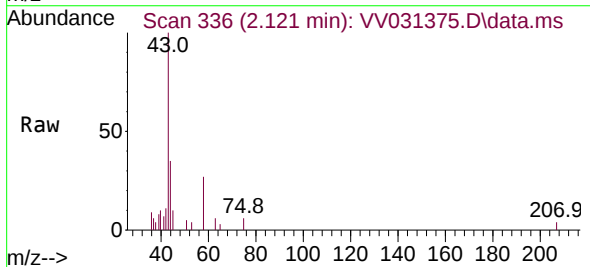
Instrument :
MSVOA_V
ClientSampleId :
F6C44

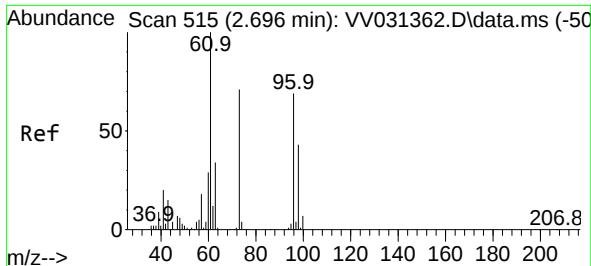
Tgt Ion: 50 Resp: 1208
Ion Ratio Lower Upper
50 100
52 48.7 23.2 43.2#



#13
Acetone
Concen: 2.146 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.023 min
Lab File: VV031375.D
Acq: 06 Jun 2023 15:09

Tgt Ion: 43 Resp: 5056
Ion Ratio Lower Upper
43 100
58 29.4 0.0 48.4

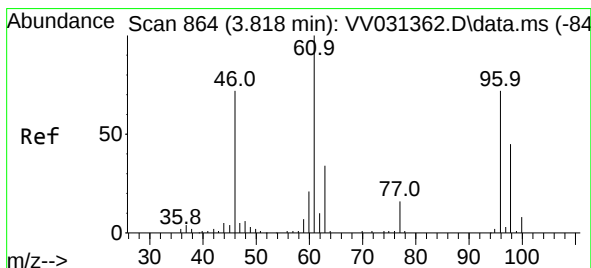
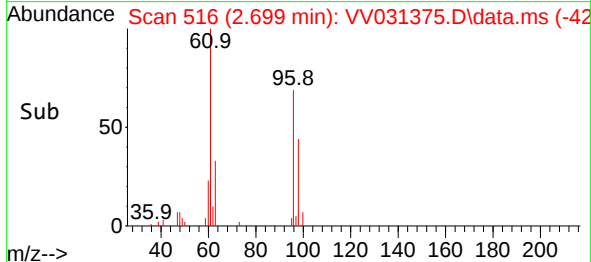
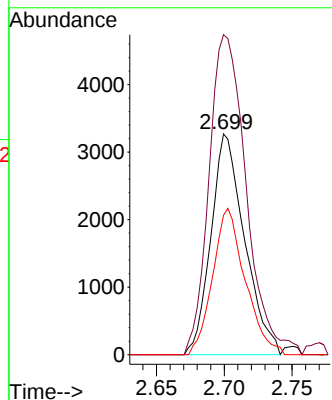
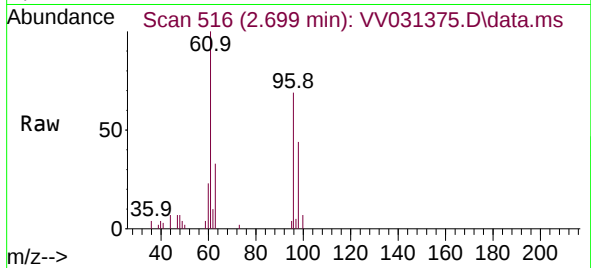




#18
trans-1,2-Dichloroethene
Concen: 0.736 ug/L
RT: 2.699 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV031375.D
Acq: 06 Jun 2023 15:09

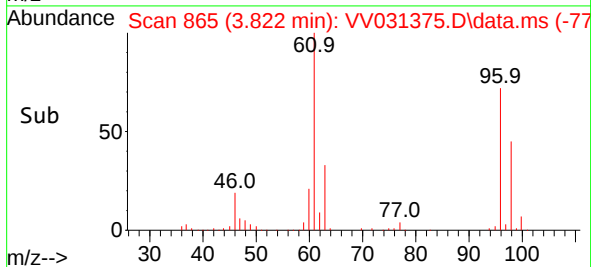
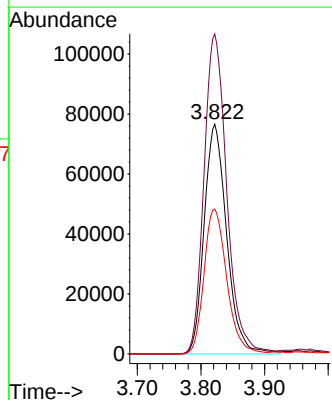
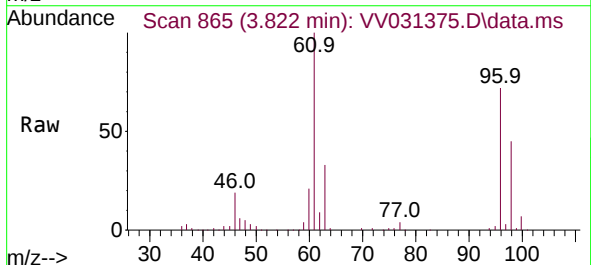
Instrument :
MSVOA_V
ClientSampleId :
F6C44

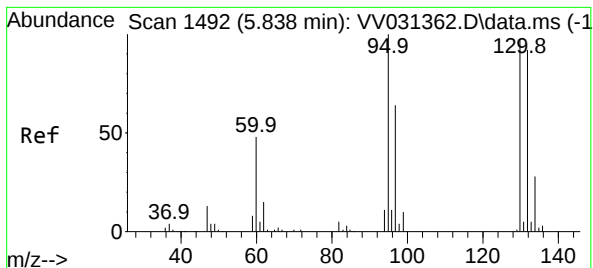
Tgt Ion: 96 Resp: 5646
Ion Ratio Lower Upper
96 100
61 144.9 114.2 212.0
98 63.2 45.0 83.6



#22
cis-1,2-Dichloroethene
Concen: 24.327 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.003 min
Lab File: VV031375.D
Acq: 06 Jun 2023 15:09

Tgt Ion: 96 Resp: 189135
Ion Ratio Lower Upper
96 100
61 139.3 100.8 187.2
98 63.1 45.1 83.9





#34

Trichloroethene

Concen: 12.256 ug/L

RT: 5.841 min Scan# 14

Delta R.T. 0.003 min

Lab File: VV031375.D

Acq: 06 Jun 2023 15:09

Instrument :

MSVOA_V

ClientSampleId :

F6C44

Tgt Ion: 95 Resp: 111667

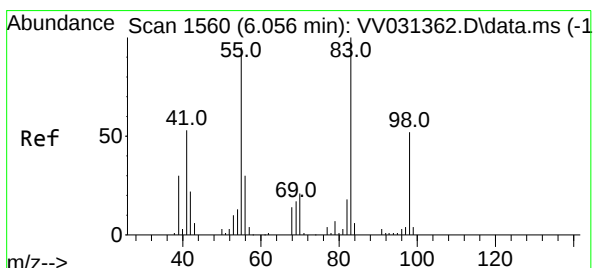
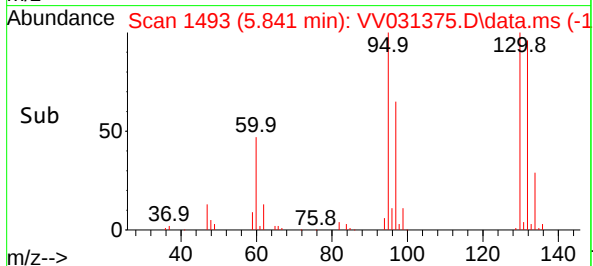
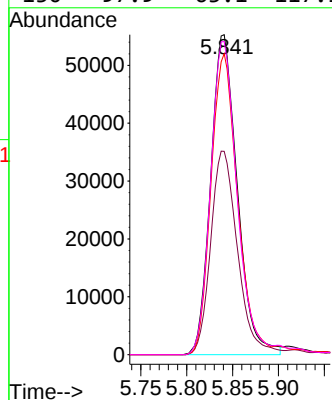
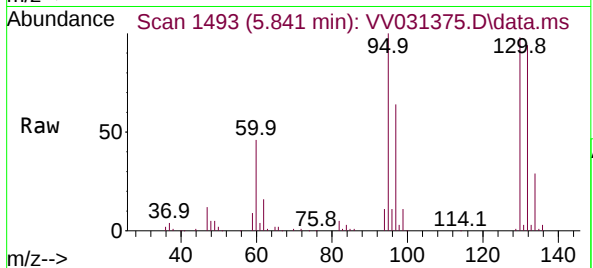
Ion Ratio Lower Upper

95 100

97 63.6 46.1 85.5

132 94.1 64.5 119.9

130 97.9 63.1 117.1



#35

Methylcyclohexane

Concen: 0.898 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.058 min

Lab File: VV031375.D

Acq: 06 Jun 2023 15:09

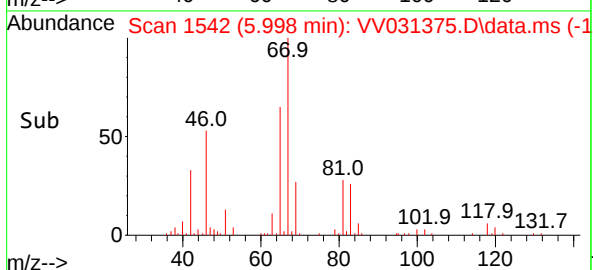
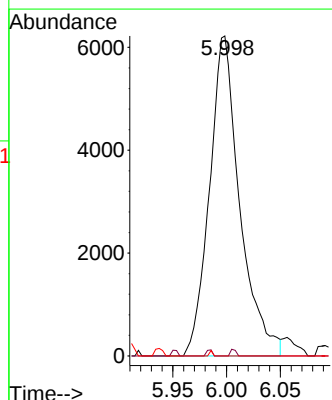
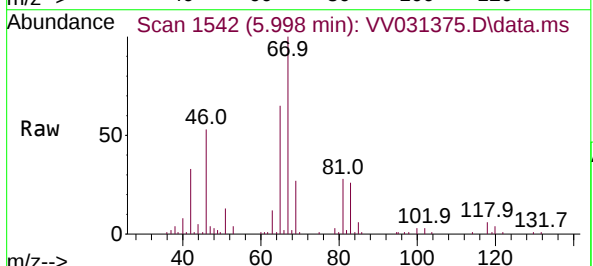
Tgt Ion: 83 Resp: 12182

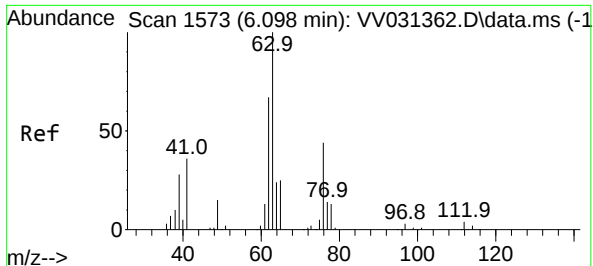
Ion Ratio Lower Upper

83 100

55 0.4 74.6 112.0#

98 0.0 36.5 54.7#





#37

1,2-Dichloropropane

Concen: 0.606 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV031375.D

Acq: 06 Jun 2023 15:09

Instrument :

MSVOA_V

ClientSampleId :

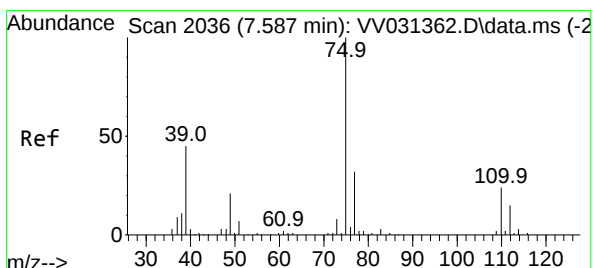
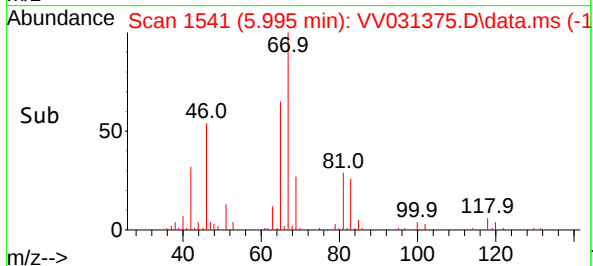
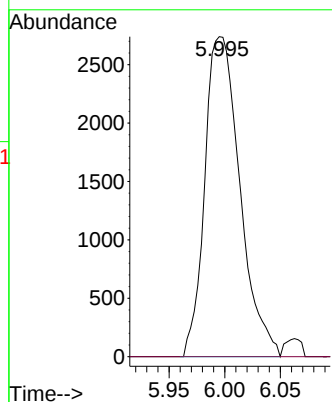
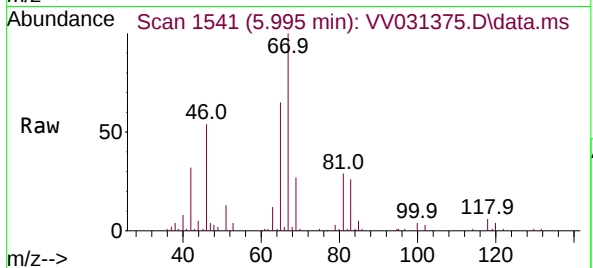
F6C44

Tgt Ion: 63 Resp: 6015

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.558 min Scan# 2027

Delta R.T. -0.029 min

Lab File: VV031375.D

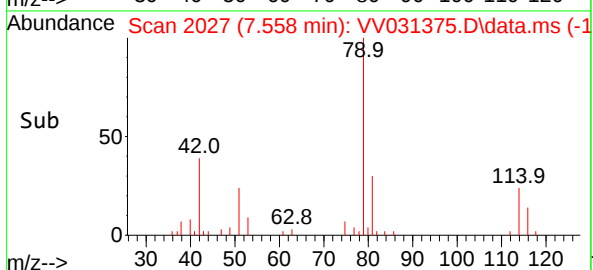
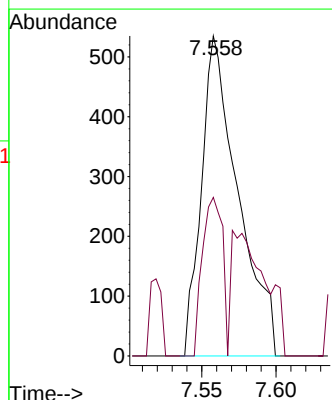
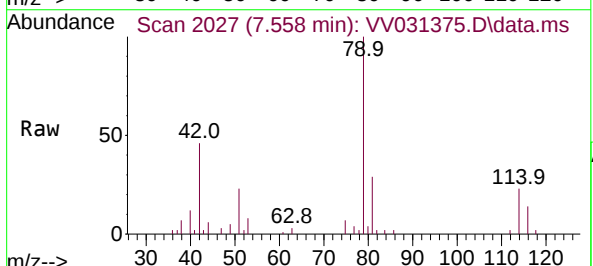
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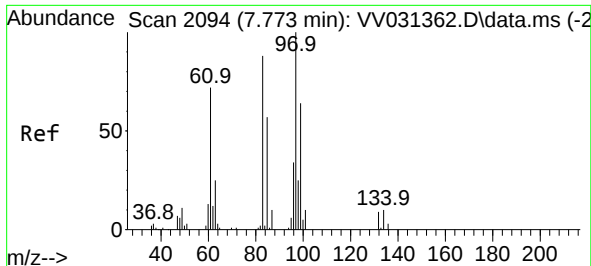
Tgt Ion: 75 Resp: 917

Ion Ratio Lower Upper

75 100

77 49.5 22.8 42.4#

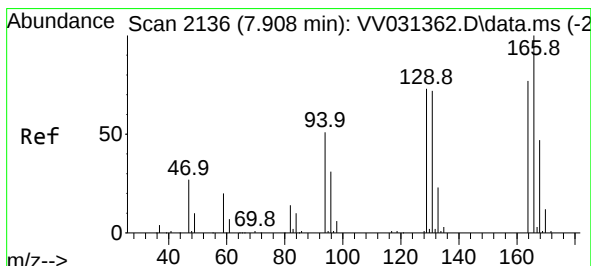
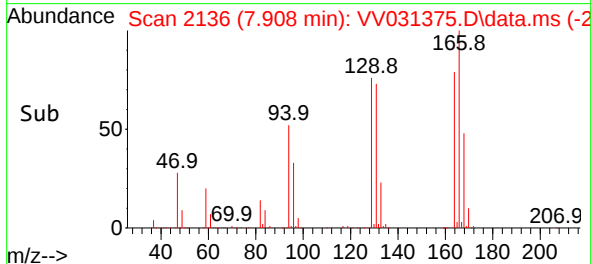
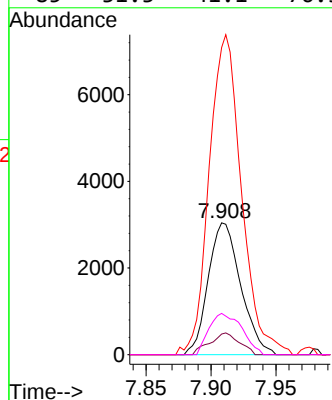
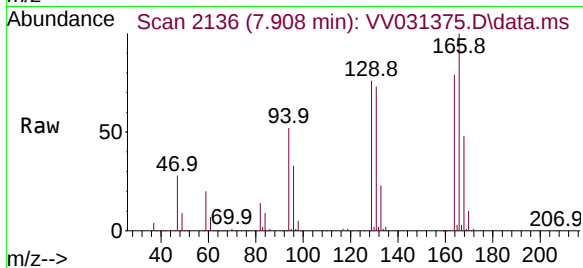




#45
1,1,2-Trichloroethane
Concen: 0.785 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.135 min
Lab File: VV031375.D
Acq: 06 Jun 2023 15:09

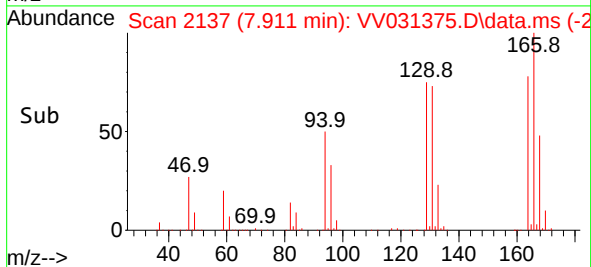
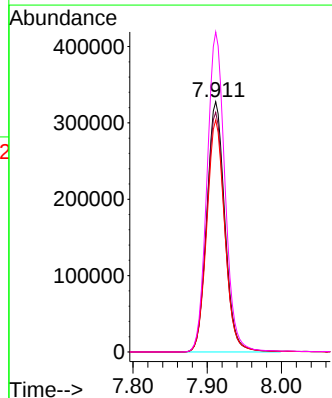
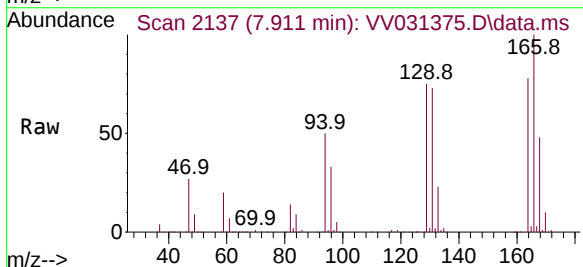
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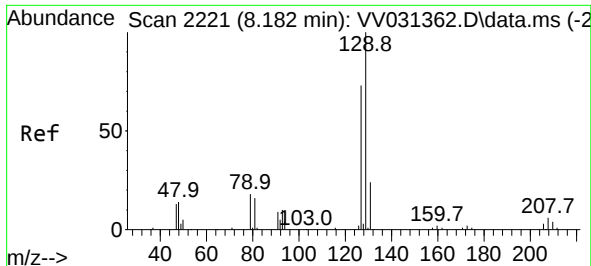
Tgt Ion:	97	Resp:	5293
Ion	Ratio	Lower	Upper
97	100		
99	15.6	43.1	80.1#
83	233.1	63.1	117.1#
85	31.3	41.1	76.3#



#47
Tetrachloroethene
Concen: 77.791 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV031375.D
Acq: 06 Jun 2023 15:09

Tgt Ion:	164	Resp:	552328
Ion	Ratio	Lower	Upper
164	100		
129	95.8	66.0	122.6
131	92.7	65.3	121.3
166	127.9	90.1	167.3





#49

Dibromochloromethane

Concen: 67.685 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.270 min

Lab File: VV031375.D

Acq: 06 Jun 2023 15:09

Instrument :

MSVOA_V

ClientSampleId :

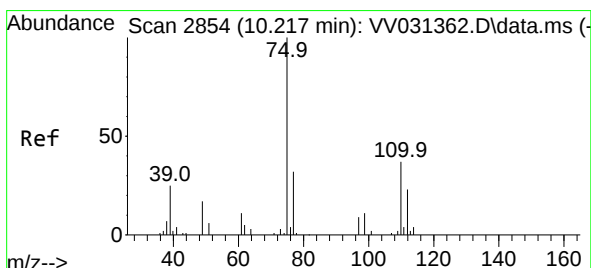
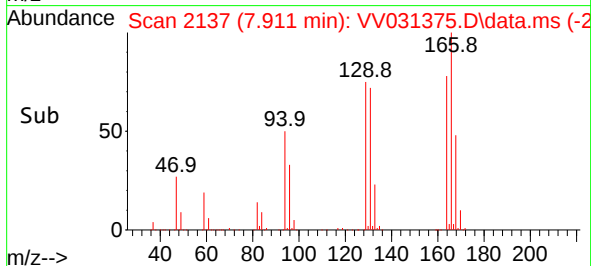
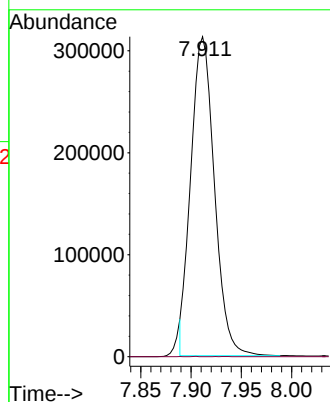
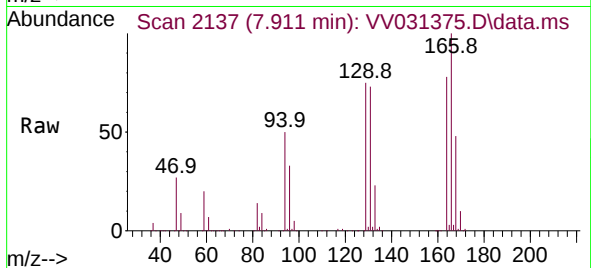
F6C44

Tgt Ion:129 Resp: 509413

Ion Ratio Lower Upper

129 100

127 0.0 55.0 102.2#



#61

1,2,3-Trichloropropane

Concen: 0.950 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.974 min

Lab File: VV031375.D

Acq: 06 Jun 2023 15:09

Tgt Ion: 75 Resp: 5065

Ion Ratio Lower Upper

75 100

77 38.9 27.3 40.9

110 0.9 29.4 44.0#

