

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060523\
 Data File : VW031341.D
 Acq On : 05 Jun 2023 12:21
 Operator : SY/MD
 Sample : 03000-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C26

Quant Time: Jun 06 02:07:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 06 02:05:53 2023
 Response via : Initial Calibration

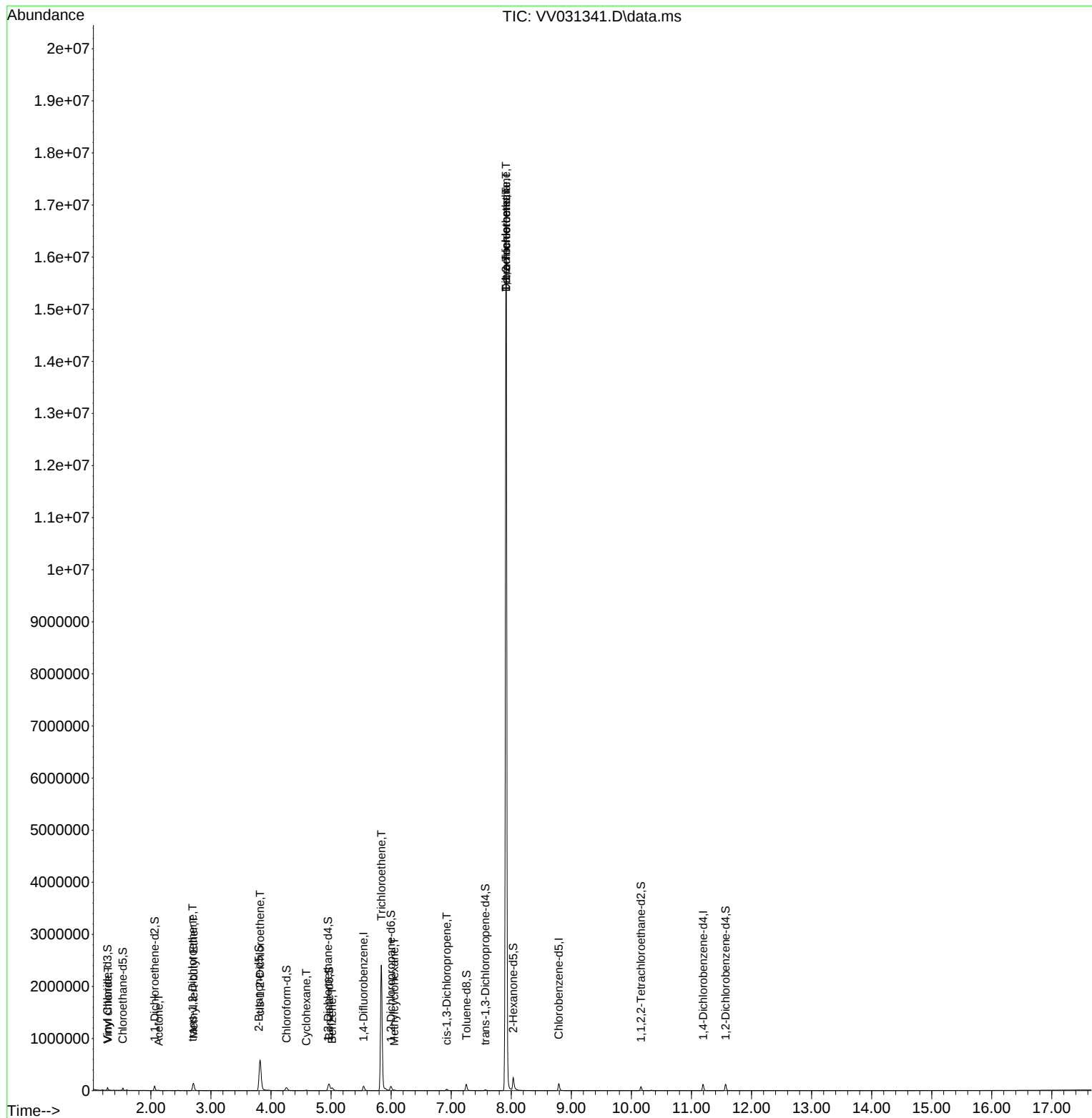
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	69474	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	72094	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	32366	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	30233	4.278	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.532	69	27066	4.534	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.063	65	15572	4.538	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	3.799	46	113010	69.089	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	138.180%#
24) Chloroform-d	4.259	84	62915	5.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	4.950	65	38424	6.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.600%
32) Benzene-d6	4.969	84	104309	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	5.995	67	40395	5.457	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.200%
41) Toluene-d8	7.252	98	85669	4.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	7.567	79	10048	3.728	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.600%
46) 2-Hexanone-d5	8.034	63	83007	76.669	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	153.340%#
56) 1,1,2,2-Tetrachloroeth...	10.159	84	36334	6.456	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	129.200%#
66) 1,2-Dichlorobenzene-d4	11.567	152	32199	5.275	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
5) Vinyl chloride	1.285	62	857	0.093	ug/L #	58
13) Acetone	2.130	43	4607	2.437	ug/L	79
17) Methyl tert-butyl Ether	2.709	73	125460	8.482	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	1220	0.198	ug/L	80
22) cis-1,2-Dichloroethene	3.818	96	290998	46.654	ug/L	99
30) Cyclohexane	4.587	56	3811	0.350	ug/L	88
33) Benzene	5.018	78	50091	1.952	ug/L	100
34) Trichloroethene	5.838	95	857331	123.722	ug/L	97
35) Methylcyclohexane	6.053	83	1530	0.148	ug/L #	69
39) cis-1,3-Dichloropropene	6.928	75	802	0.081	ug/L	86
45) 1,1,2-Trichloroethane	7.911	97	34519	6.735	ug/L #	14
47) Tetrachloroethene	7.915	164	3528086	653.372	ug/L	98
49) Dibromochloromethane	7.915	129	3338273	583.221	ug/L #	10

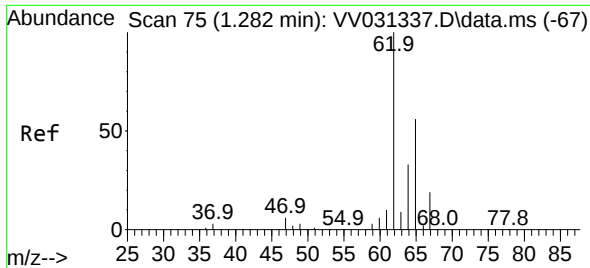
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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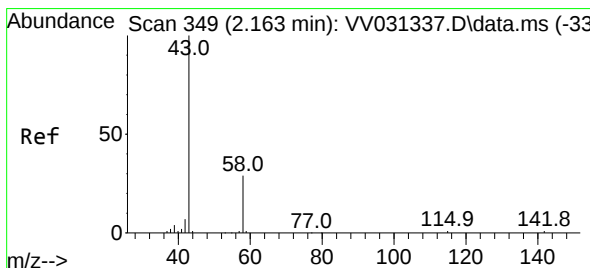
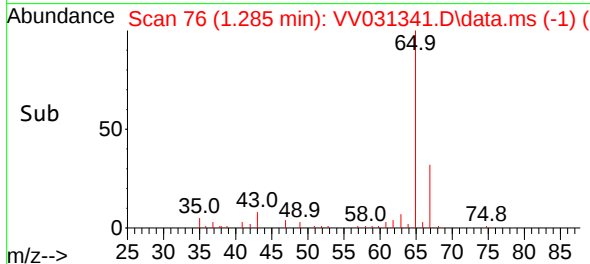
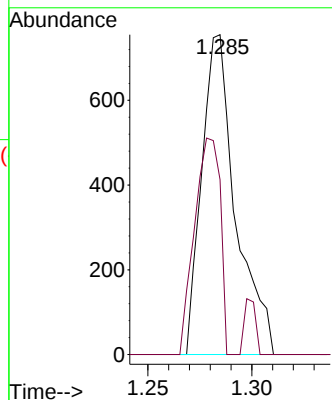
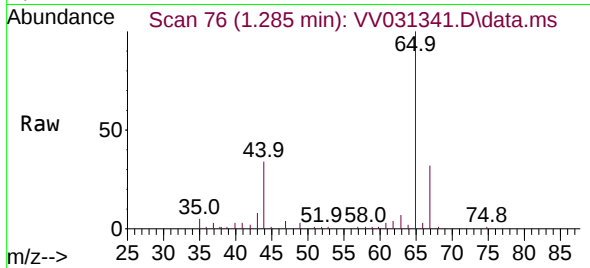




#5
 Vinyl chloride
 Concen: 0.093 ug/L
 RT: 1.285 min Scan# 75
 Delta R.T. 0.003 min
 Lab File: VV031341.D
 Acq: 05 Jun 2023 12:21

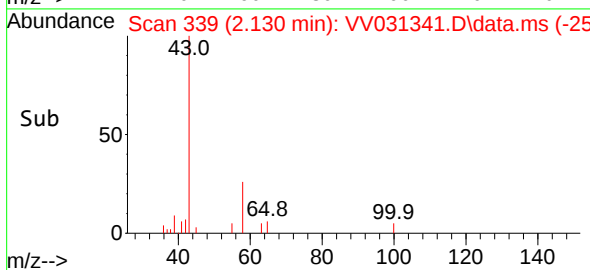
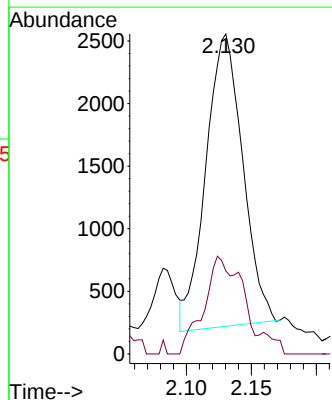
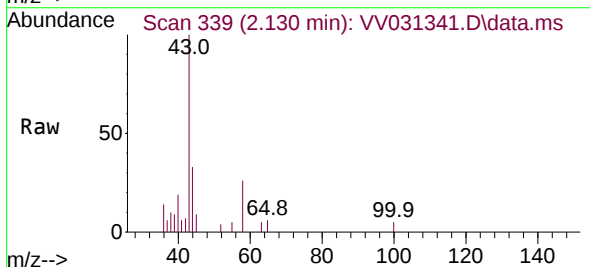
Instrument :
 MSVOA_V
 ClientSampleId :
 F6C26

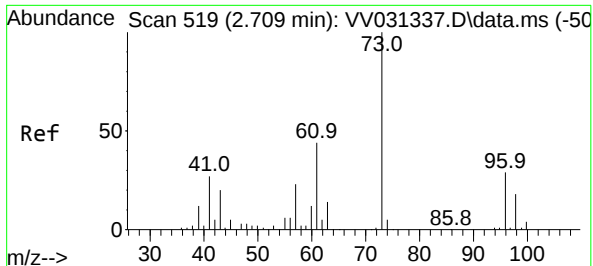
Tgt Ion: 62 Resp: 857
 Ion Ratio Lower Upper
 62 100
 64 54.7 22.0 40.8#



#13
 Acetone
 Concen: 2.437 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. -0.032 min
 Lab File: VV031341.D
 Acq: 05 Jun 2023 12:21

Tgt Ion: 43 Resp: 4607
 Ion Ratio Lower Upper
 43 100
 58 34.6 0.0 48.4





#17

Methyl tert-butyl Ether

Concen: 8.482 ug/L

RT: 2.709 min Scan# 519

Delta R.T. -0.000 min

Lab File: VV031341.D

Acq: 05 Jun 2023 12:21

Instrument :

MSVOA_V

ClientSampleId :

F6C26

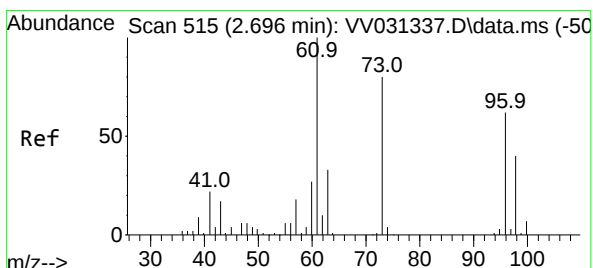
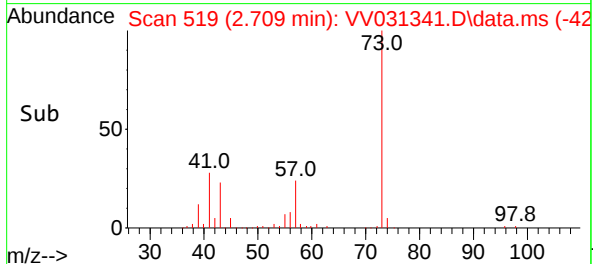
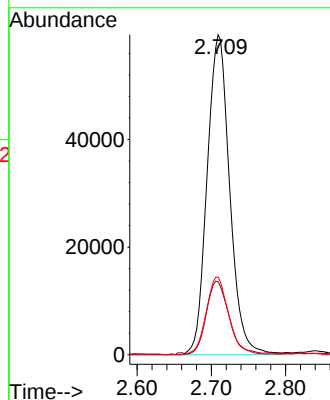
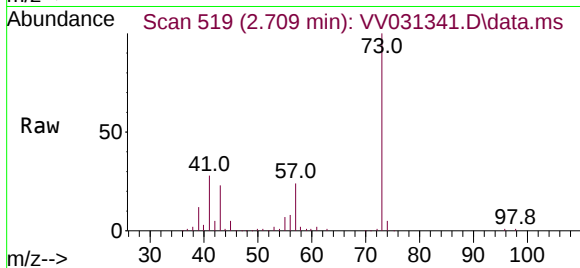
Tgt Ion: 73 Resp: 125460

Ion Ratio Lower Upper

73 100

43 22.5 17.8 26.8

57 24.1 19.8 29.8



#18

trans-1,2-Dichloroethene

Concen: 0.198 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.000 min

Lab File: VV031341.D

Acq: 05 Jun 2023 12:21

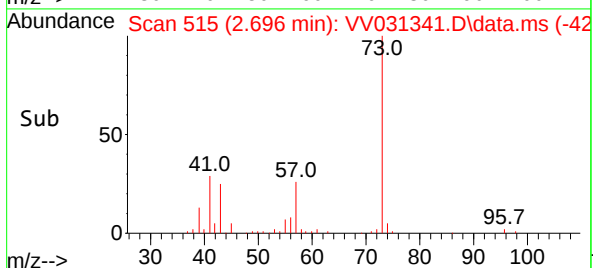
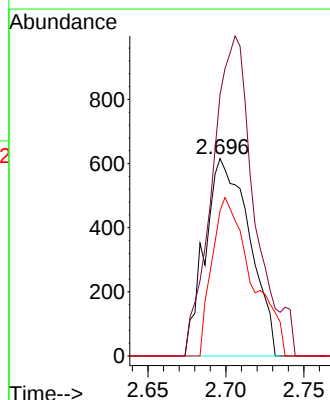
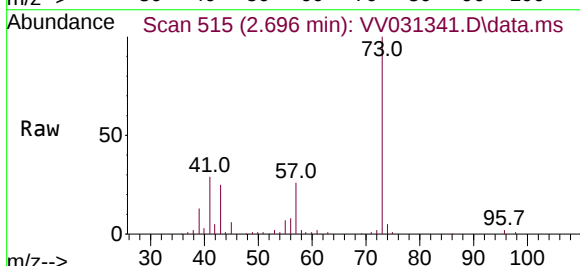
Tgt Ion: 96 Resp: 1220

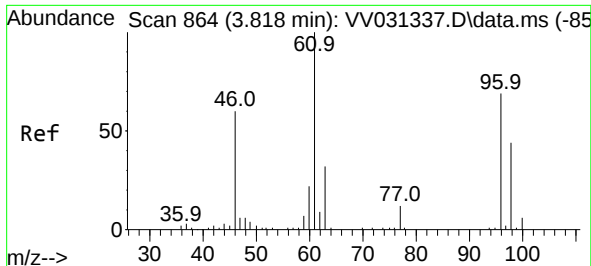
Ion Ratio Lower Upper

96 100

61 132.3 114.2 212.0

98 73.5 45.0 83.6





#22

cis-1,2-Dichloroethene

Concen: 46.654 ug/L

RT: 3.818 min Scan# 864

Delta R.T. -0.000 min

Lab File: VV031341.D

Acq: 05 Jun 2023 12:21

Instrument :

MSVOA_V

ClientSampleId :

F6C26

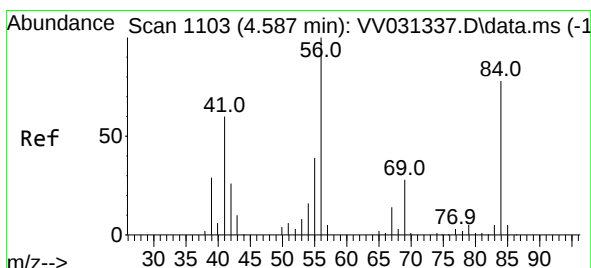
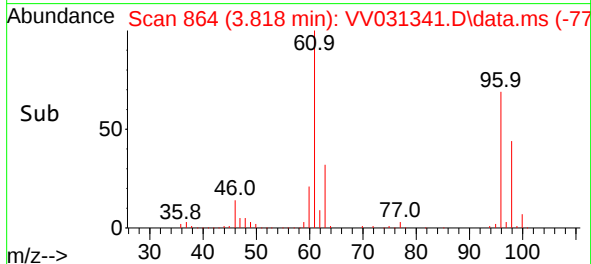
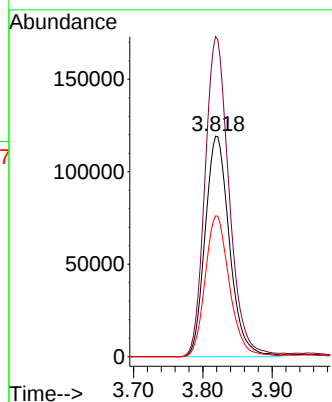
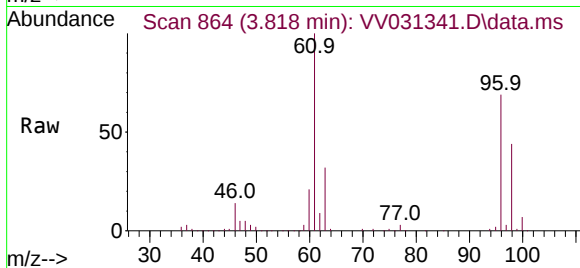
Tgt Ion: 96 Resp: 290998

Ion Ratio Lower Upper

96 100

61 145.2 100.8 187.2

98 63.9 45.1 83.9



#30

Cyclohexane

Concen: 0.350 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VV031341.D

Acq: 05 Jun 2023 12:21

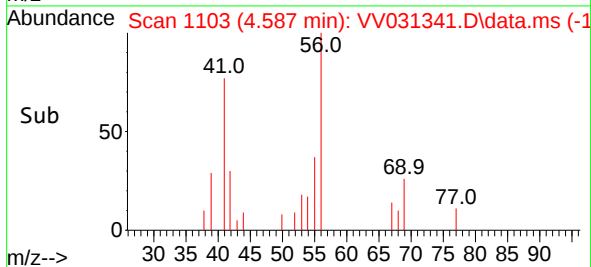
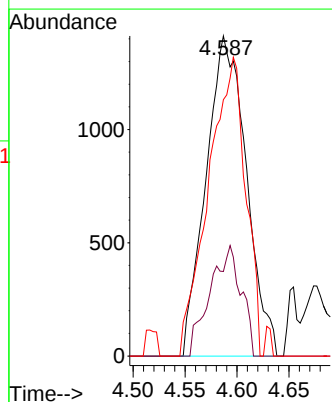
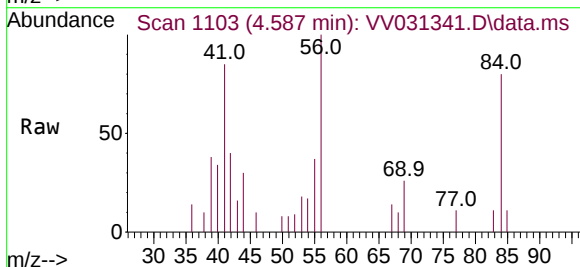
Tgt Ion: 56 Resp: 3811

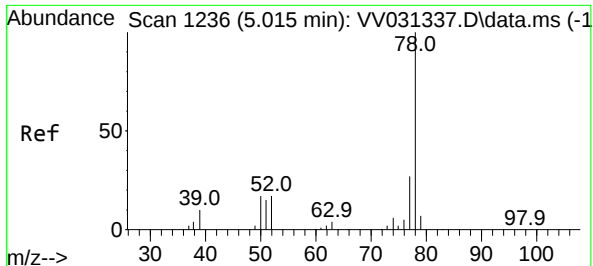
Ion Ratio Lower Upper

56 100

69 26.6 23.2 34.8

84 86.0 58.5 87.7

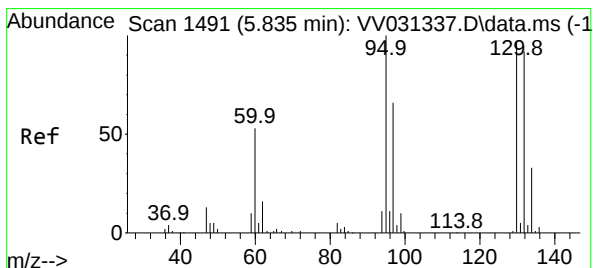
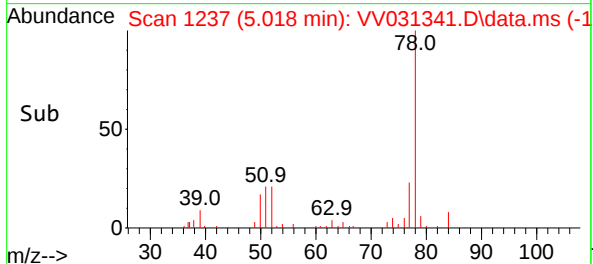
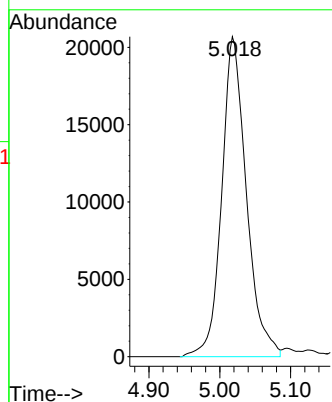
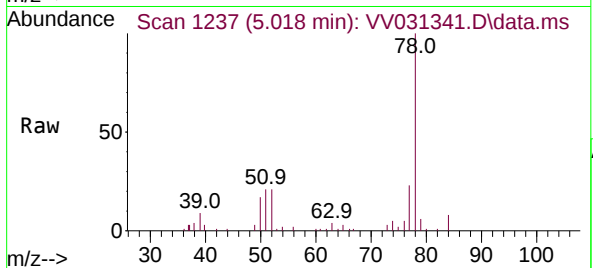




#33
Benzene
Concen: 1.952 ug/L
RT: 5.018 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV031341.D
Acq: 05 Jun 2023 12:21

Tgt Ion: 78 Resp: 50091

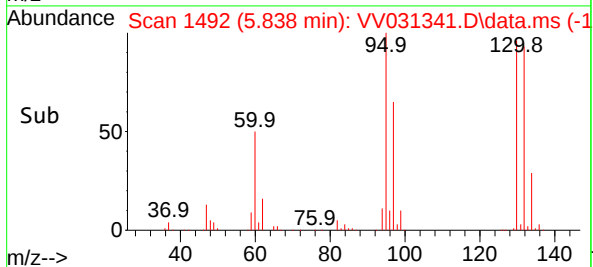
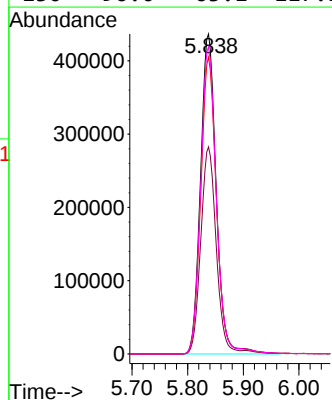
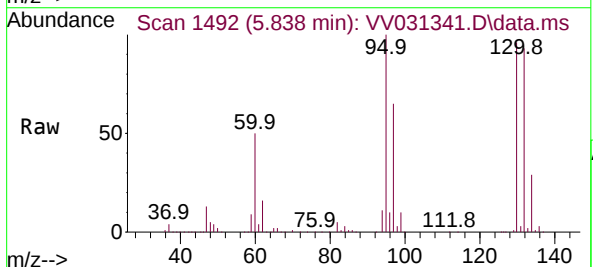
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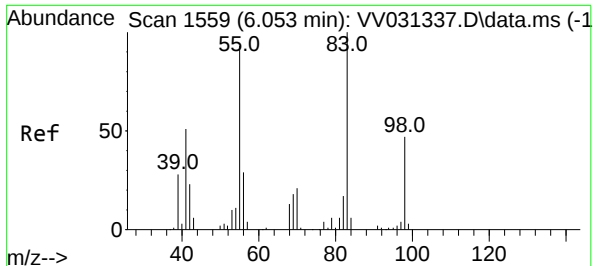


#34
Trichloroethene
Concen: 123.722 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV031341.D
Acq: 05 Jun 2023 12:21

Tgt Ion: 95 Resp: 857331

Ion	Ratio	Lower	Upper
95	100		
97	64.7	46.1	85.5
132	92.8	64.5	119.9
130	96.0	63.1	117.1





#35

Methylcyclohexane

Concen: 0.148 ug/L

RT: 6.053 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV031341.D

Acq: 05 Jun 2023 12:21

Instrument :

MSVOA_V

ClientSampleId :

F6C26

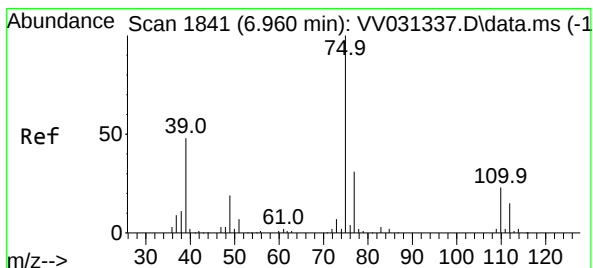
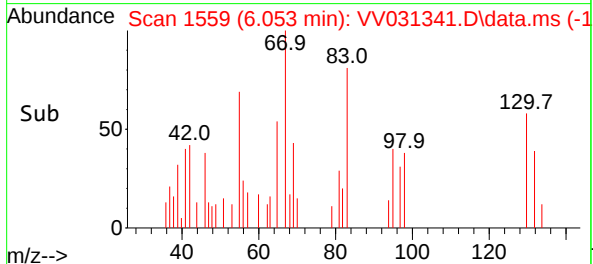
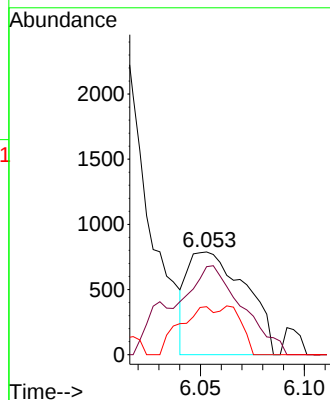
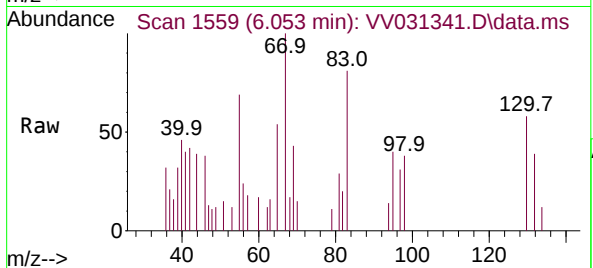
Tgt Ion: 83 Resp: 1530

Ion Ratio Lower Upper

83 100

55 81.4 74.6 112.0

98 0.0 36.5 54.7#



#39

cis-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 6.928 min Scan# 1831

Delta R.T. -0.032 min

Lab File: VV031341.D

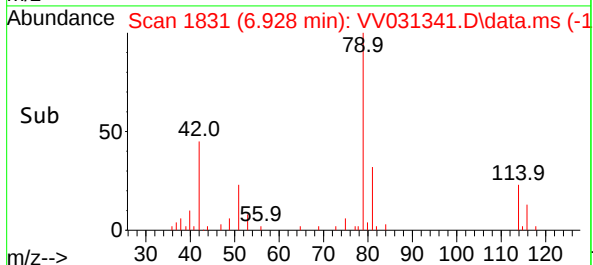
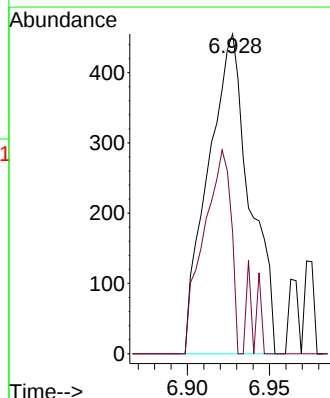
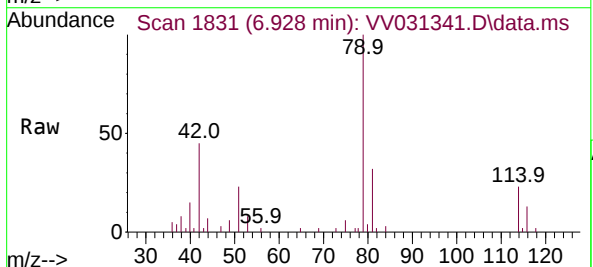
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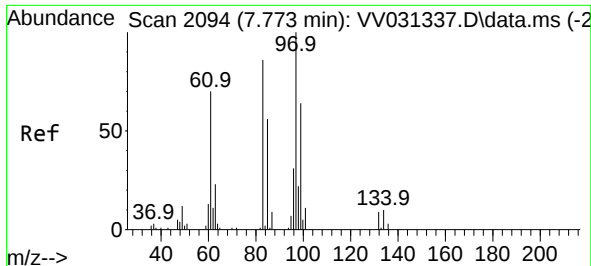
Tgt Ion: 75 Resp: 802

Ion Ratio Lower Upper

75 100

77 37.8 21.3 39.5

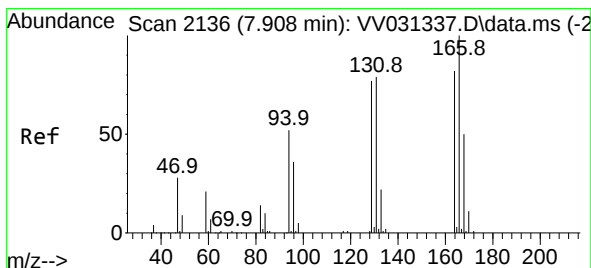
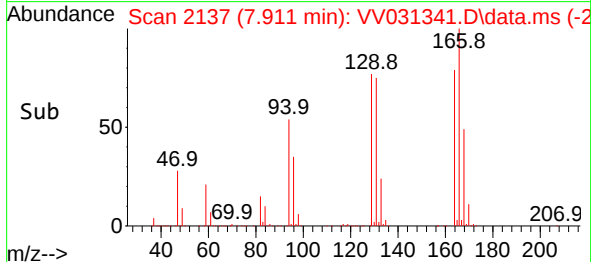
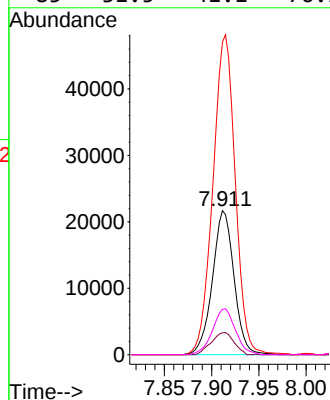
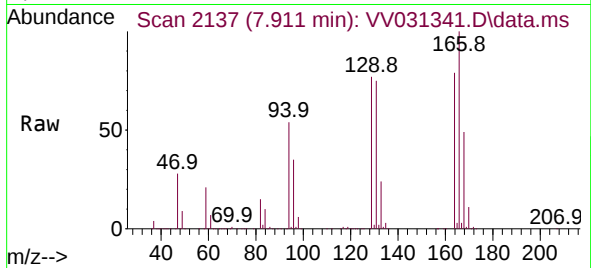




#45
1,1,2-Trichloroethane
Concen: 6.735 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.138 min
Lab File: VV031341.D
Acq: 05 Jun 2023 12:21

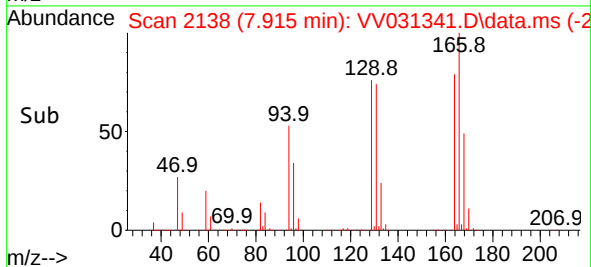
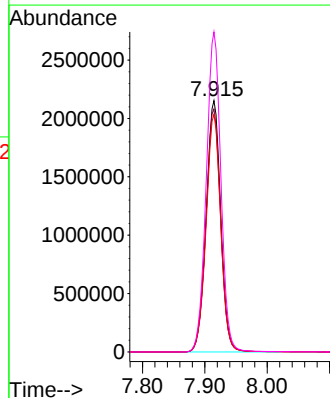
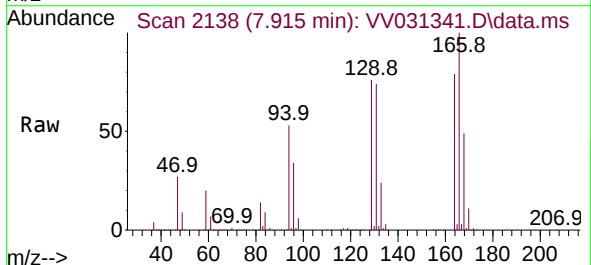
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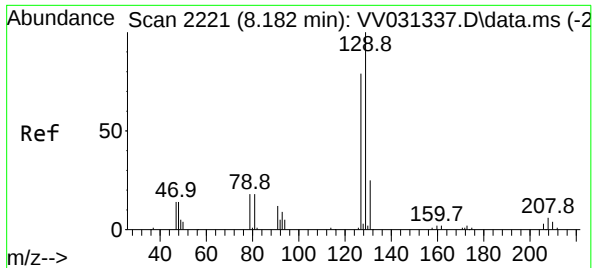
Tgt Ion:	97	Resp:	34519
Ion	Ratio	Lower	Upper
97	100		
99	15.3	43.1	80.1#
83	217.1	63.1	117.1#
85	31.5	41.1	76.3#



#47
Tetrachloroethene
Concen: 653.372 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.006 min
Lab File: VV031341.D
Acq: 05 Jun 2023 12:21

Tgt Ion:	164	Resp:	3528086
Ion	Ratio	Lower	Upper
164	100		
129	96.7	66.0	122.6
131	94.5	65.3	121.3
166	127.3	90.1	167.3





#49
 Dibromochloromethane
 Concen: 583.221 ug/L
 RT: 7.915 min Scan# 21
 Delta R.T. -0.267 min
 Lab File: VV031341.D
 Acq: 05 Jun 2023 12:21

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:129 Resp: 3338273
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.0 102.2#

