

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
 Data File : VV031341.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)

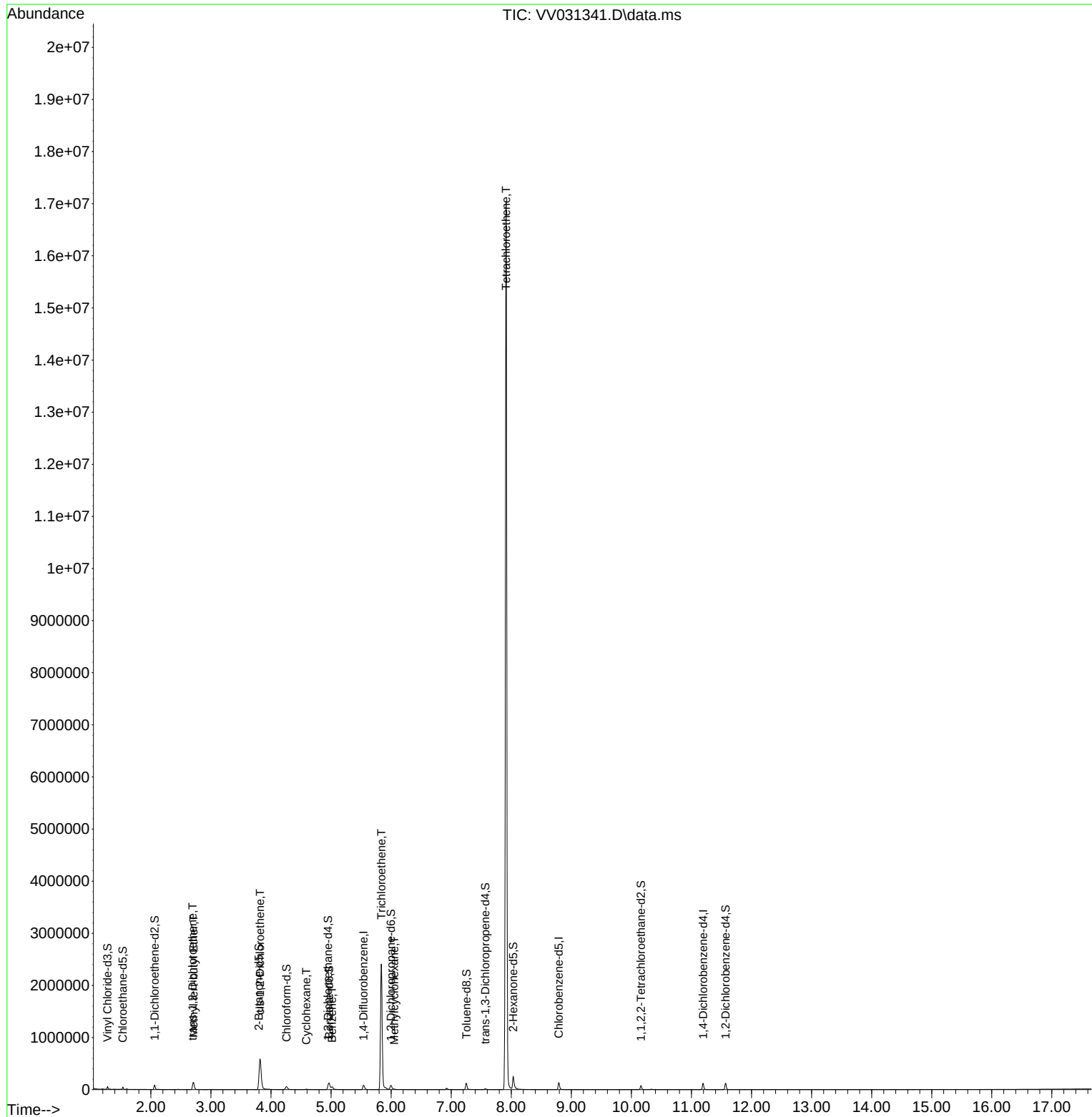
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	69474	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	72094	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	32366	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	30233	4.278	ug/L	0.00
Spiked Amount	5.000	Range	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						
					Qvalue	
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
47) Tetrachloroethene	7.915	164	3528086	653.372	ug/L	98

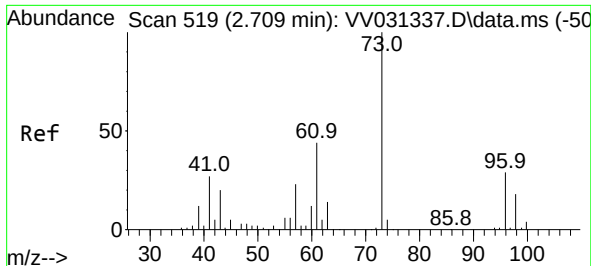
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jun 06 02:05:53 2023
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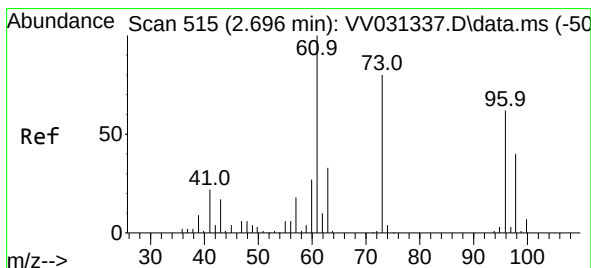
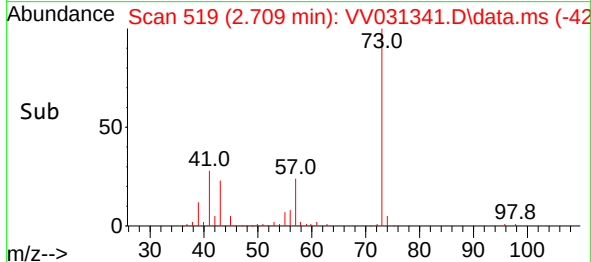
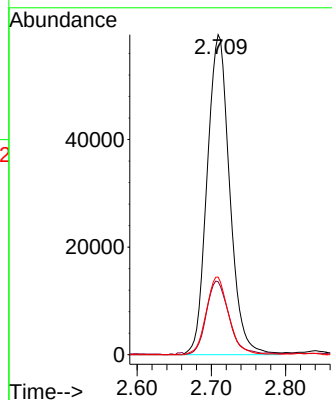
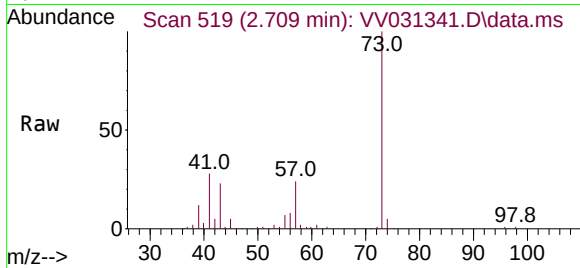




#17
Methyl tert-butyl Ether
Concen: 8.482 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV031341.D
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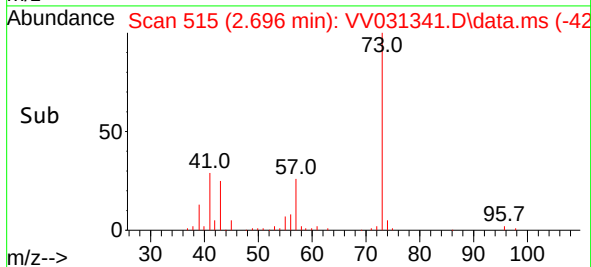
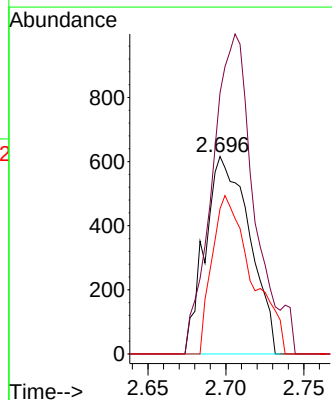
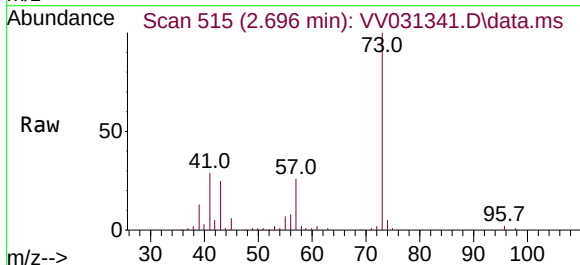
Instrument :
MSVOA_V
ClientSampleId :
F6C26

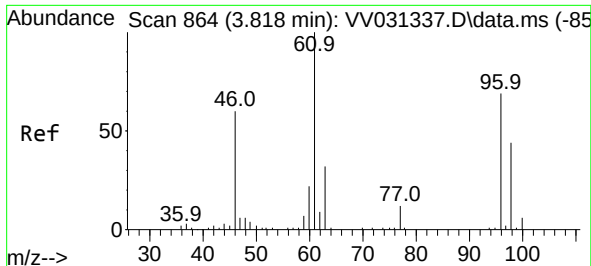
Tgt Ion: 73 Resp: 125460
Ion Ratio Lower Upper
73 100
43 22.5 17.8 26.8
57 24.1 19.8 29.8



#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

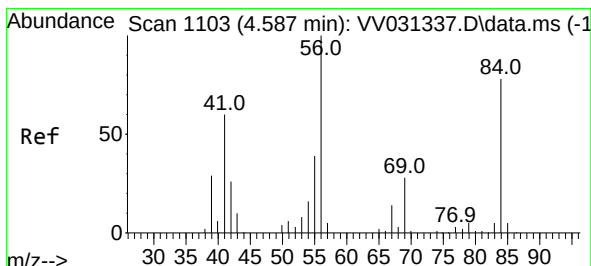
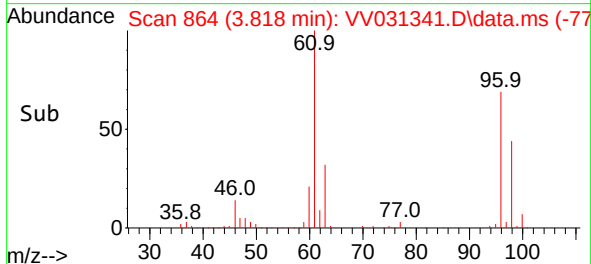
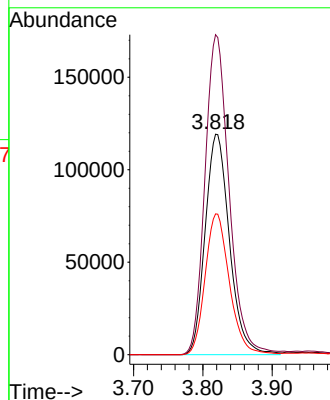
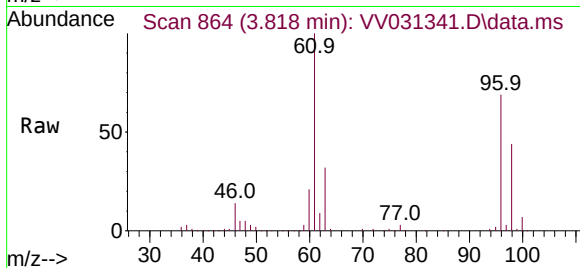




#22
 cis-1,2-Dichloroethene
 Concen: 46.654 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VV031341.D
 Acq: 05 Jun 2023 12:21

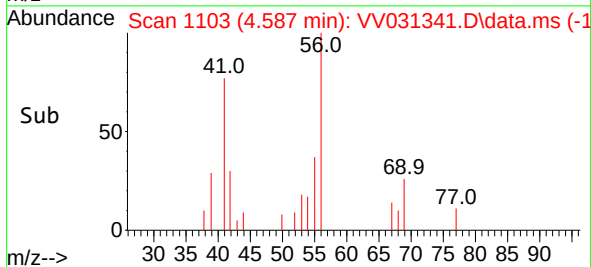
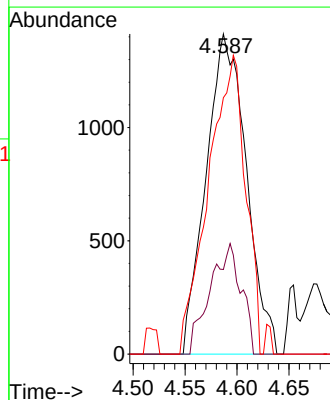
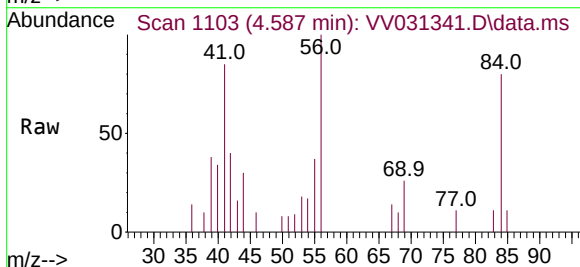
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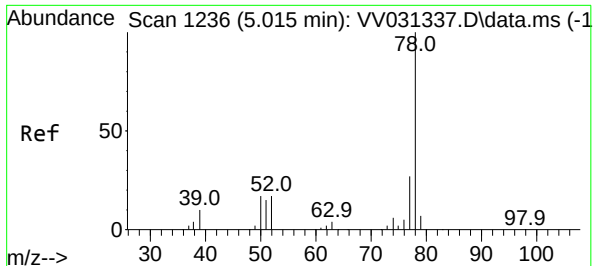
Tgt Ion: 96 Resp: 290998
 Ion Ratio Lower Upper
 96 100
 61 145.2 100.8 187.2
 98 63.9 45.1 83.9



#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

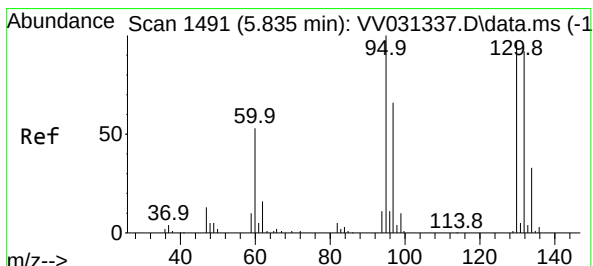
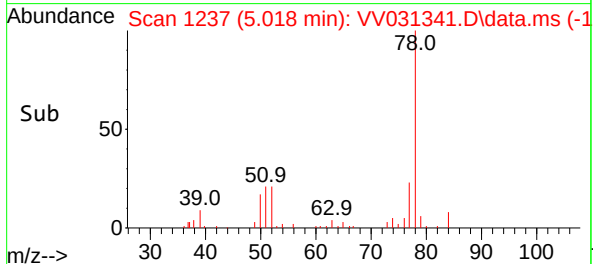
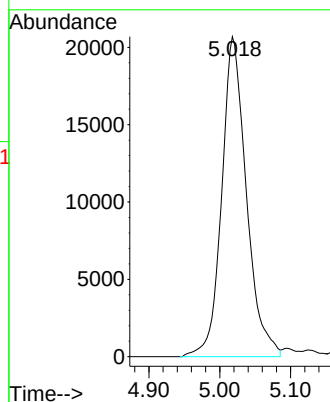
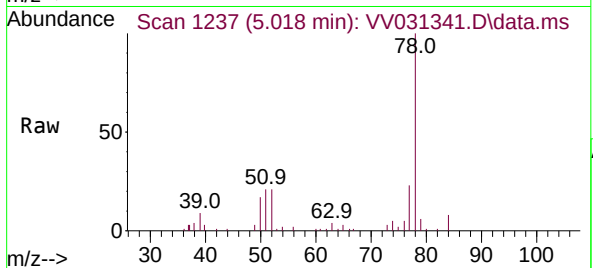




#33
Benzene
Concen: 1.952 ug/L
RT: 5.018 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV031341.D
Acq: 05 Jun 2023 12:21

Instrument :
MSVOA_V
ClientSampleId :
F6C26

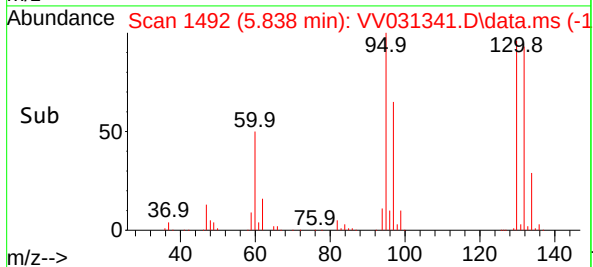
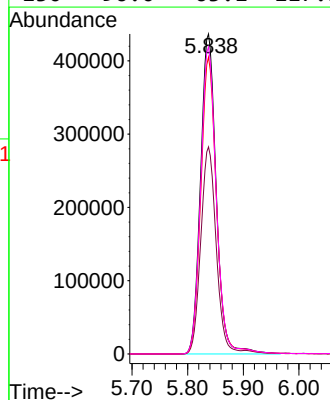
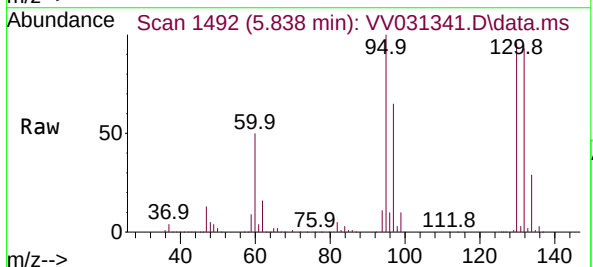
Tgt Ion: 78 Resp: 50091

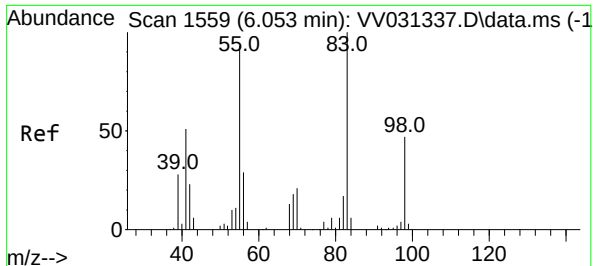


#34
Trichloroethene
Concen: 123.722 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV031341.D
Acq: 05 Jun 2023 12:21

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

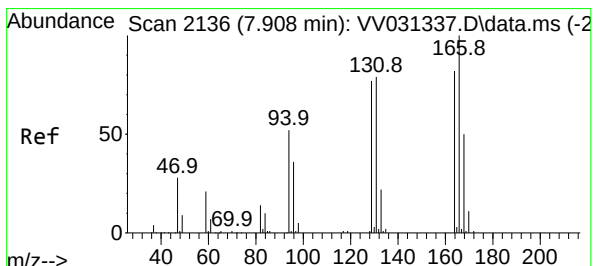
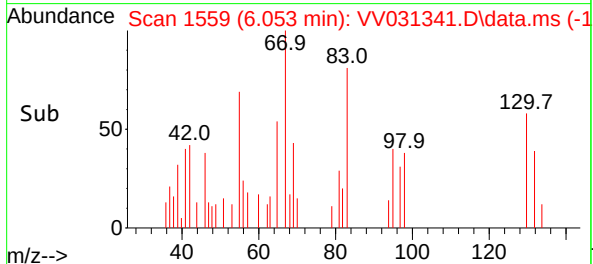
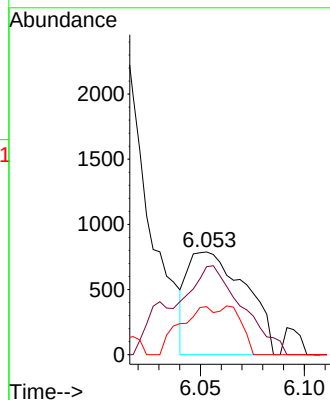
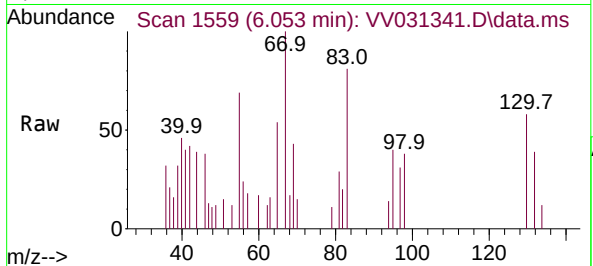




#35
Methylcyclohexane
Concen: 0.148 ug/L
RT: 6.053 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV031341.D
Acq: 05 Jun 2023 12:21

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#



#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

