

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
 Data File : VV031340.D
 Acq On : 05 Jun 2023 11:57
 Operator : SY/MD
 Sample : 03000-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C25

Quant Time: Jun 06 02:07:11 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)

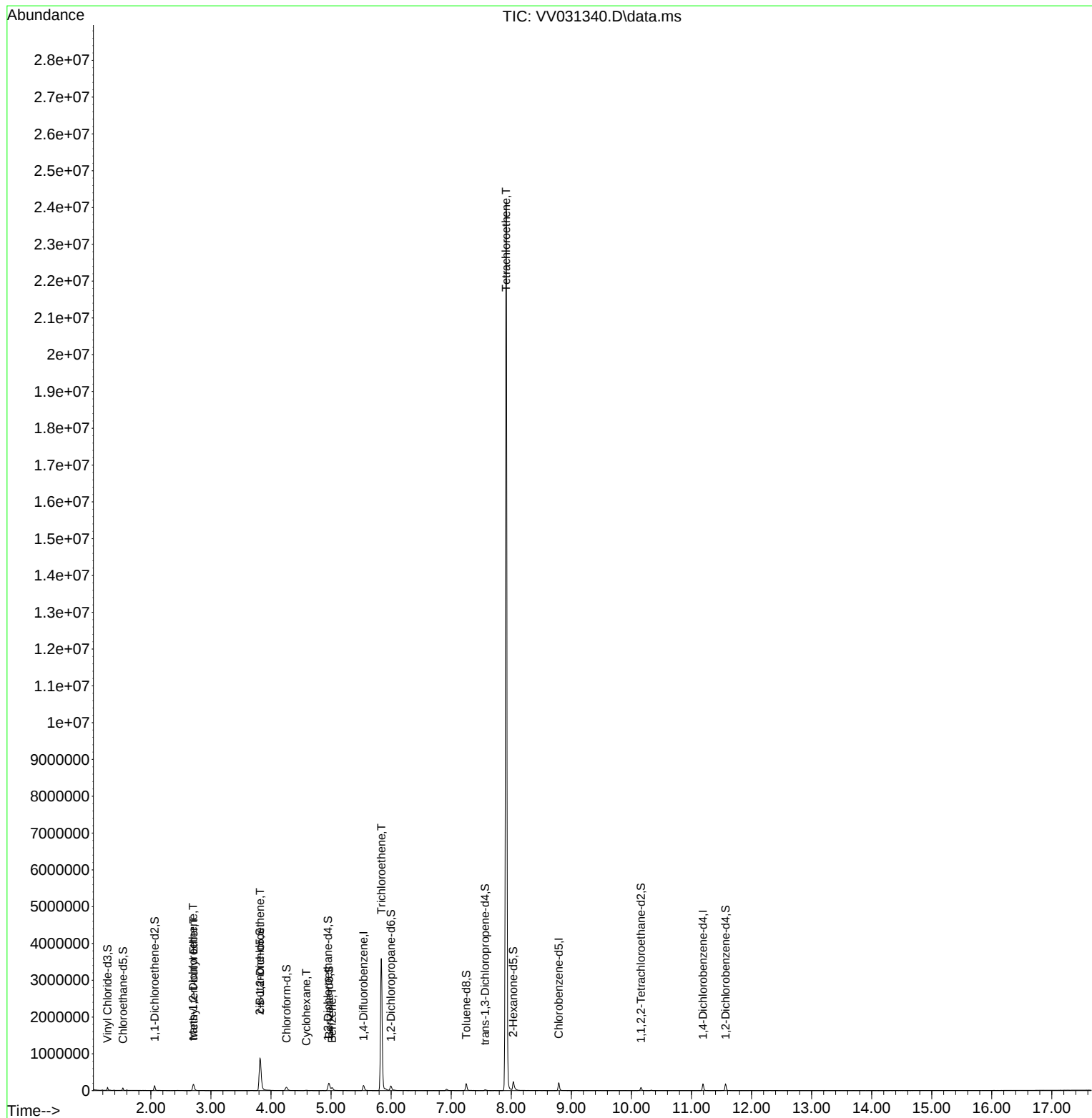
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	114193	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	114895	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	50052	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	46387	3.993	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.536	69	42353	4.317	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.063	65	23552	4.176	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	3.815	46	124235	46.208	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.420%
24) Chloroform-d	4.259	84	96501	4.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	4.950	65	52965	5.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	4.966	84	169285	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	5.995	67	62531	5.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.249	98	130720	3.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	7.564	79	13897	3.235	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.800%
46) 2-Hexanone-d5	8.034	63	84895	49.202	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.400%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	41072	4.579	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	44572	4.722	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.709	73	158076	6.502	ug/L	99
18) trans-1,2-Dichloroethene	2.703	96	1735	0.171	ug/L	85
22) cis-1,2-Dichloroethene	3.818	96	439152	42.834	ug/L	99
30) Cyclohexane	4.587	56	4764	0.275	ug/L	89
33) Benzene	5.018	78	76926	1.881	ug/L	100
34) Trichloroethene	5.838	95	1271130	115.103	ug/L	97
47) Tetrachloroethene	7.915	164	5063000	588.339	ug/L	98

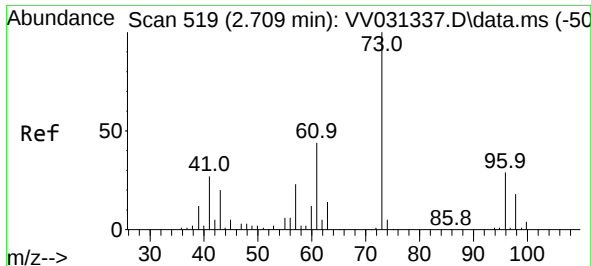
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#17

Methyl tert-butyl Ether

Concen: 6.502 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.000 min

Lab File: VV031340.D

Acq: 05 Jun 2023 11:57

Instrument :

MSVOA_V

ClientSampleId :

F6C25

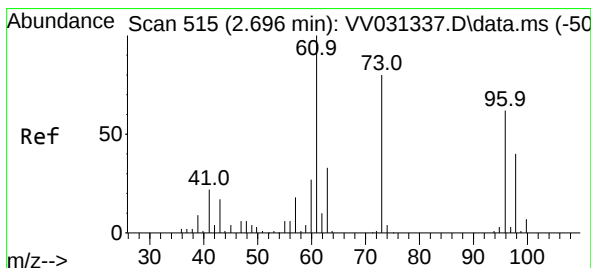
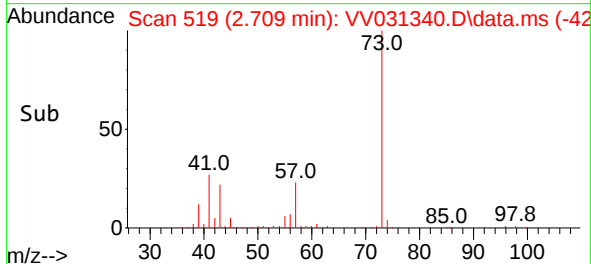
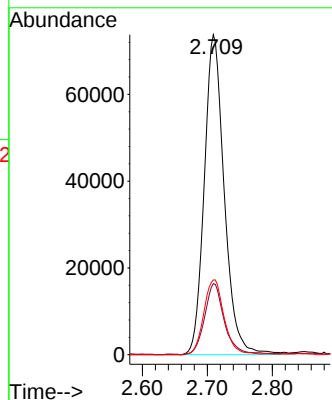
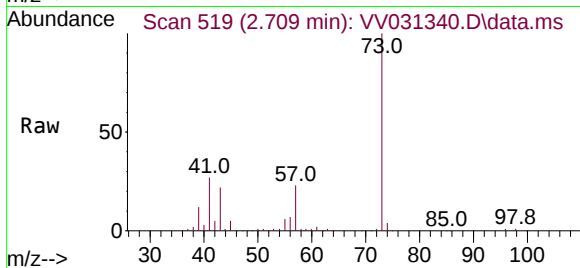
Tgt Ion: 73 Resp: 158076

Ion Ratio Lower Upper

73 100

43 22.1 17.8 26.8

57 23.8 19.8 29.8



#18

trans-1,2-Dichloroethene

Concen: 0.171 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.006 min

Lab File: VV031340.D

Acq: 05 Jun 2023 11:57

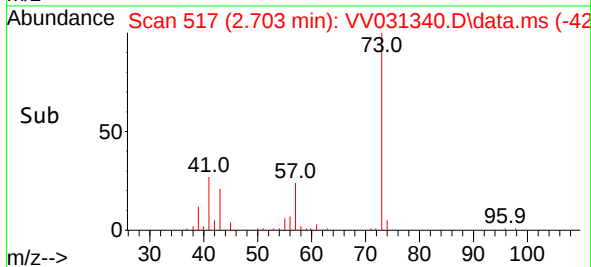
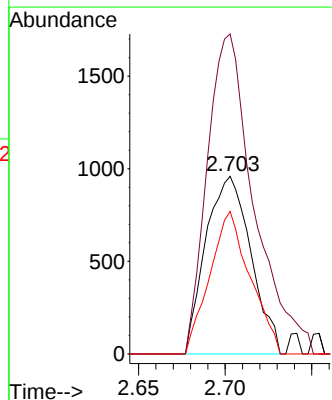
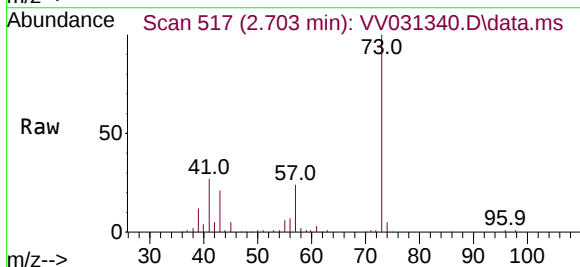
Tgt Ion: 96 Resp: 1735

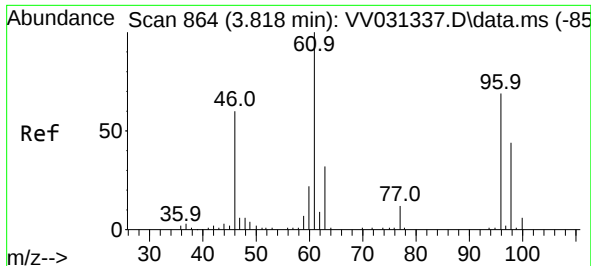
Ion Ratio Lower Upper

96 100

61 180.2 114.2 212.0

98 80.3 45.0 83.6

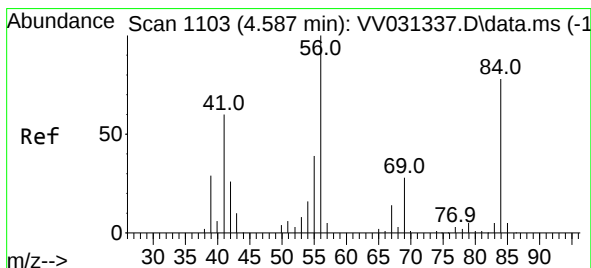
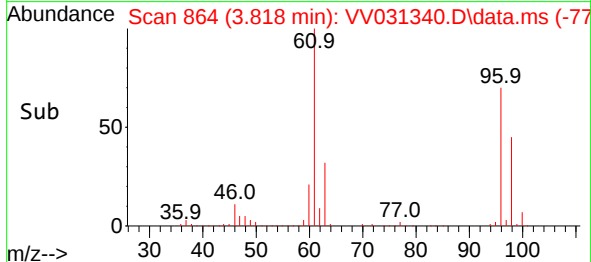
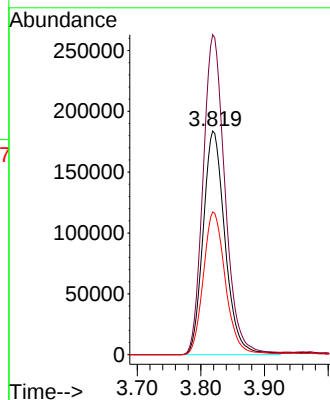
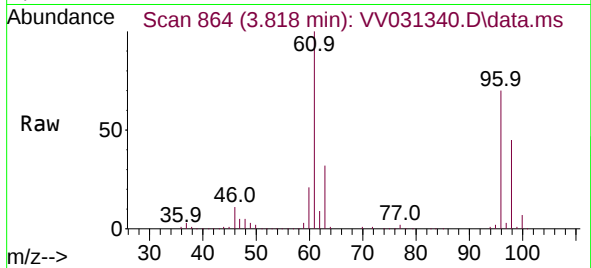




#22
 cis-1,2-Dichloroethene
 Concen: 42.834 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV031340.D
 Acq: 05 Jun 2023 11:57

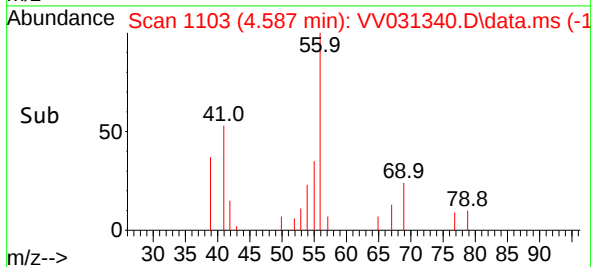
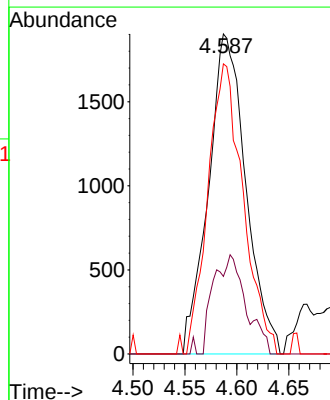
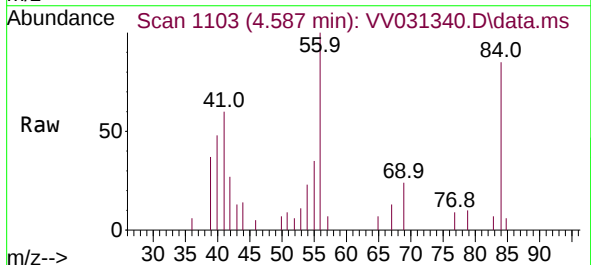
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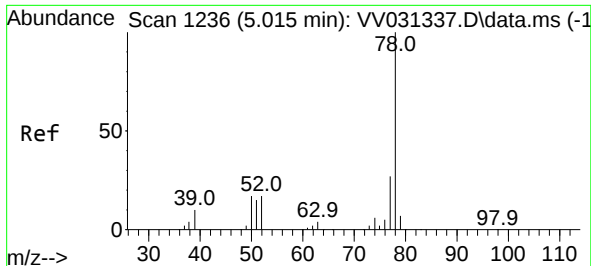
Tgt Ion: 96 Resp: 439152
 Ion Ratio Lower Upper
 96 100
 61 143.0 100.8 187.2
 98 63.8 45.1 83.9



#30
 Cyclohexane
 Concen: 0.275 ug/L
 RT: 4.587 min Scan# 1103
 Delta R.T. 0.000 min
 Lab File: VV031340.D
 Acq: 05 Jun 2023 11:57

Tgt Ion: 56 Resp: 4764
 Ion Ratio Lower Upper
 56 100
 69 26.9 23.2 34.8
 84 85.0 58.5 87.7

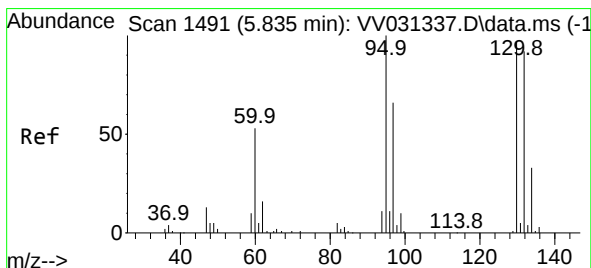
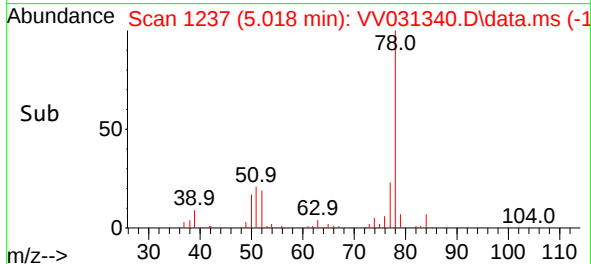
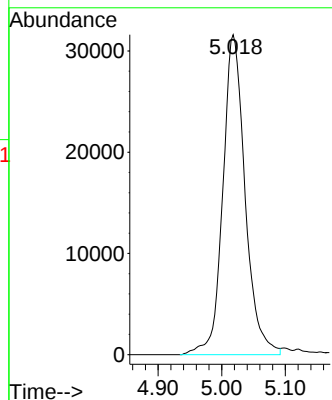
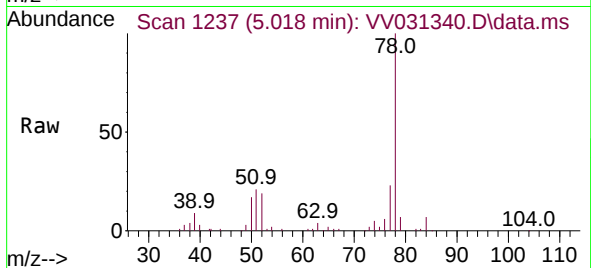




#33
Benzene
Concen: 1.881 ug/L
RT: 5.018 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV031340.D
Acq: 05 Jun 2023 11:57

Instrument :
MSVOA_V
ClientSampleId :
F6C25

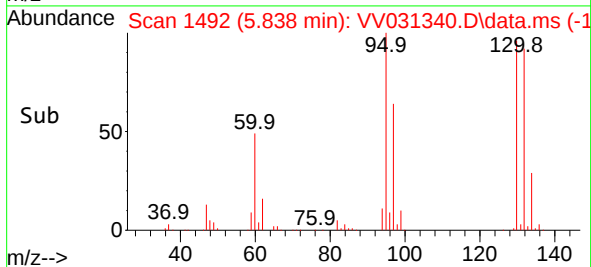
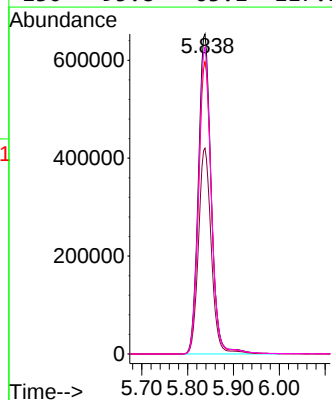
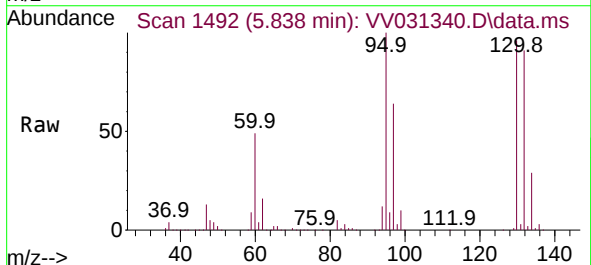
Tgt Ion: 78 Resp: 76926

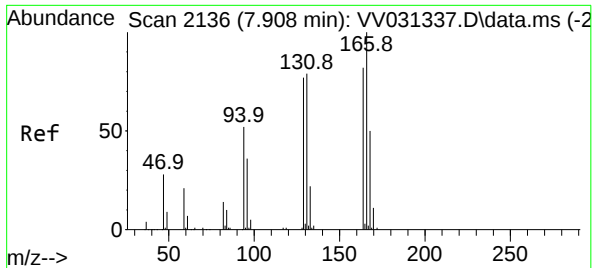


#34
Trichloroethene
Concen: 115.103 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV031340.D
Acq: 05 Jun 2023 11:57

Tgt Ion: 95 Resp: 1271130

Ion	Ratio	Lower	Upper
95	100		
97	64.3	46.1	85.5
132	91.4	64.5	119.9
130	95.8	63.1	117.1





#47
Tetrachloroethene
Concen: 588.339 ug/L
RT: 7.915 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV031340.D
Acq: 05 Jun 2023 11:57

Instrument :
MSVOA_V
ClientSampleId :
F6C25

Tgt Ion:164 Resp: 5063000
Ion Ratio Lower Upper
164 100
129 98.0 66.0 122.6
131 94.5 65.3 121.3
166 126.8 90.1 167.3

