

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060523\
 Data File : VW031342.D
 Acq On : 05 Jun 2023 12:46
 Operator : SY/MD
 Sample : 03000-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C28

Quant Time: Jun 06 02:07:38 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)

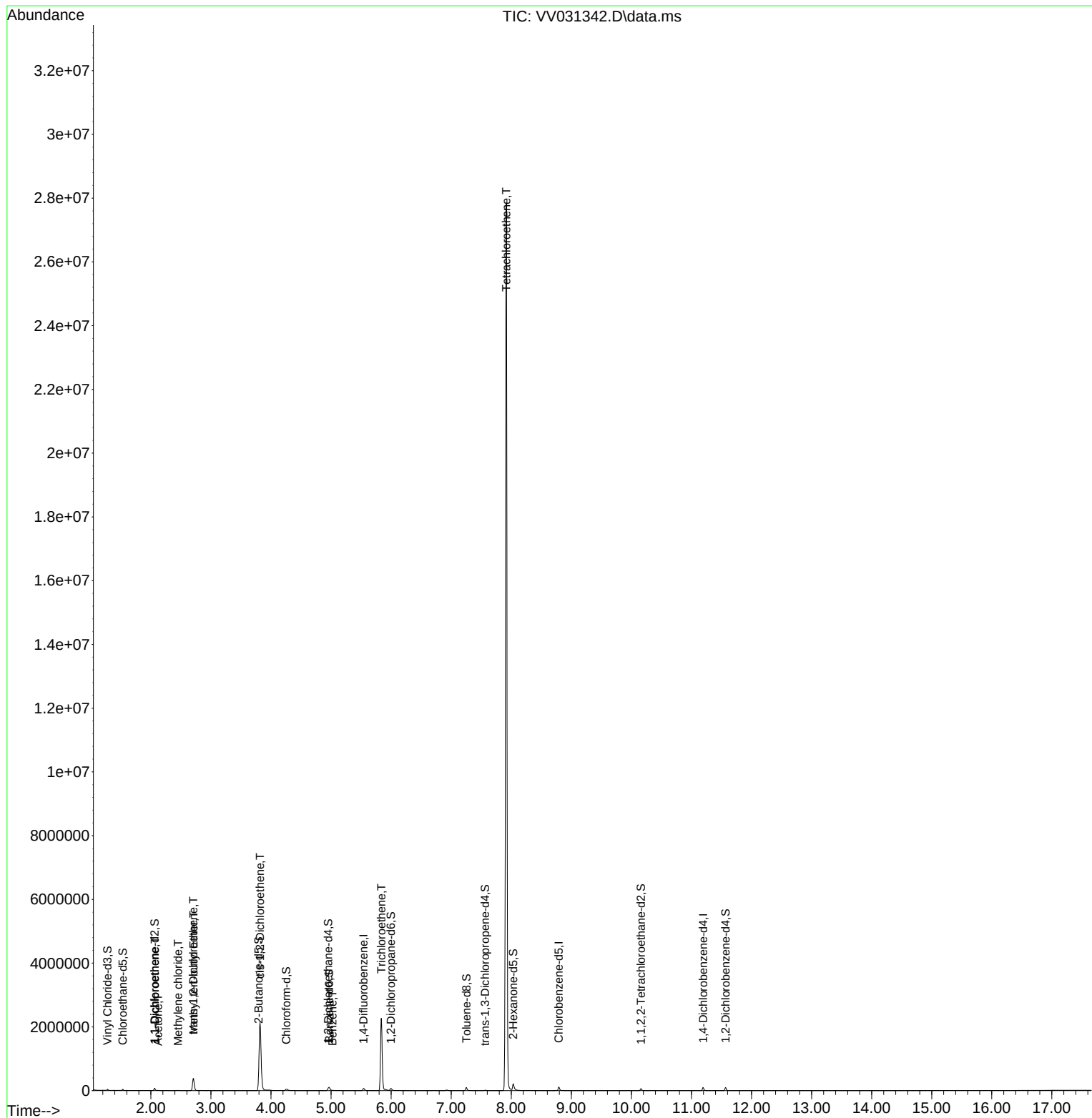
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	58578	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	59885	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	26483	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22414	3.762	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.532	69	22163	4.403	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.063	65	12583	4.349	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	3.796	46	101197	73.375	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	146.760%#
24) Chloroform-d	4.256	84	50929	5.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	4.953	65	31981	5.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.000%
32) Benzene-d6	4.966	84	85275	4.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	5.995	67	32107	5.221	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.252	98	67952	3.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	7.564	79	8131	3.632	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.034	63	67882	75.481	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	150.960%#
56) 1,1,2,2-Tetrachloroeth...	10.159	84	30211	6.463	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	129.200%#
66) 1,2-Dichlorobenzene-d4	11.567	152	25169	5.039	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	1102	0.201	ug/L	# 1
13) Acetone	2.121	43	5676	3.561	ug/L	90
16) Methylene chloride	2.455	84	1594	0.240	ug/L	94
17) Methyl tert-butyl Ether	2.709	73	347508	27.864	ug/L	98
18) trans-1,2-Dichloroethene	2.706	96	3497	0.674	ug/L	73
22) cis-1,2-Dichloroethene	3.818	96	1086603	206.611	ug/L	99
33) Benzene	5.024	78	6319	0.296	ug/L	100
34) Trichloroethene	5.838	95	797002	138.465	ug/L	97
47) Tetrachloroethene	7.918	164	5822798	1298.179	ug/L	98

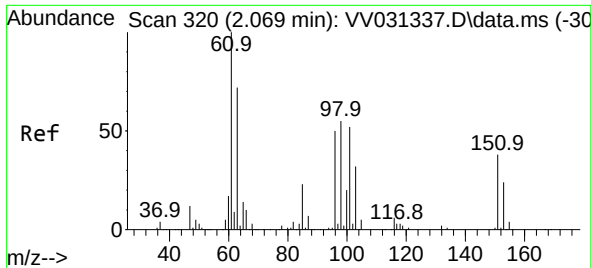
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

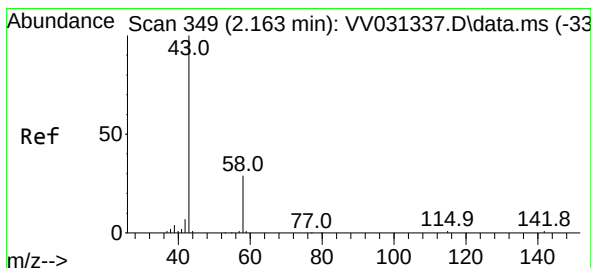
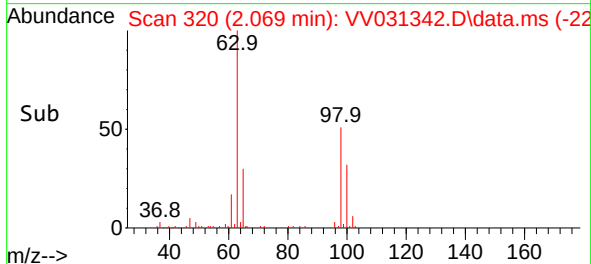
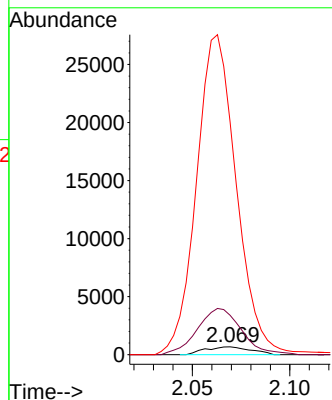
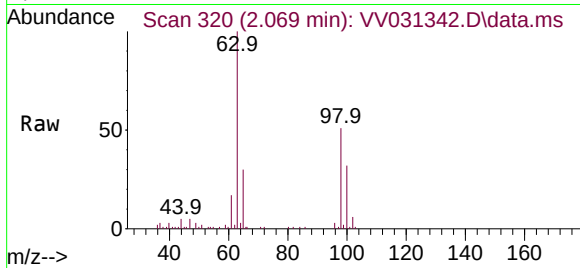




#12
1,1-Dichloroethene
Concen: 0.201 ug/L
RT: 2.069 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV031342.D
Acq: 05 Jun 2023 12:46

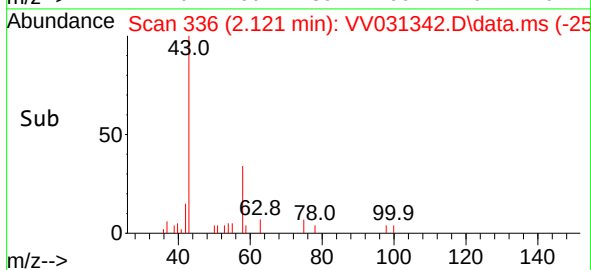
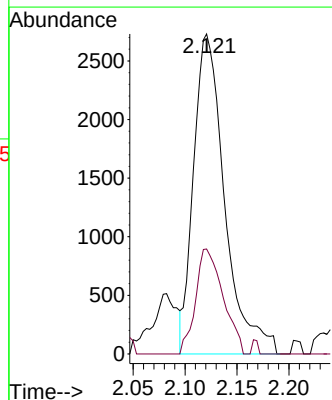
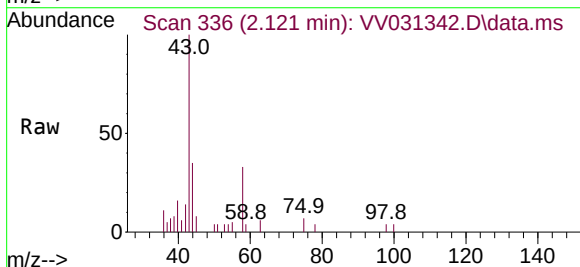
Instrument :
MSVOA_V
ClientSampleId :
F6C28

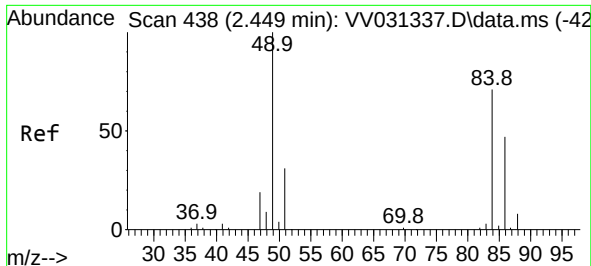
Tgt Ion: 96 Resp: 1102
Ion Ratio Lower Upper
96 100
61 505.5 138.3 256.8#
63 2988.7 101.9 189.3#



#13
Acetone
Concen: 3.561 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.042 min
Lab File: VV031342.D
Acq: 05 Jun 2023 12:46

Tgt Ion: 43 Resp: 5676
Ion Ratio Lower Upper
43 100
58 29.0 0.0 48.4

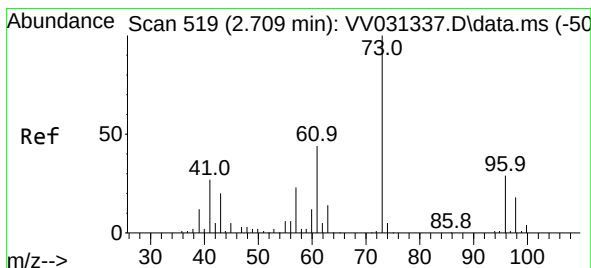
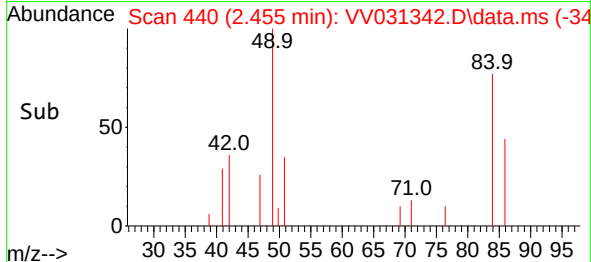
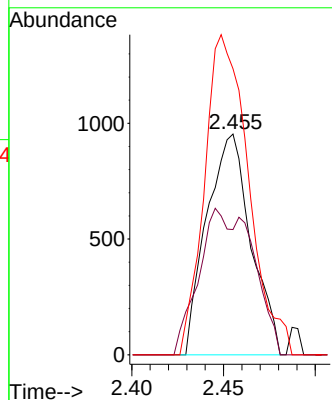
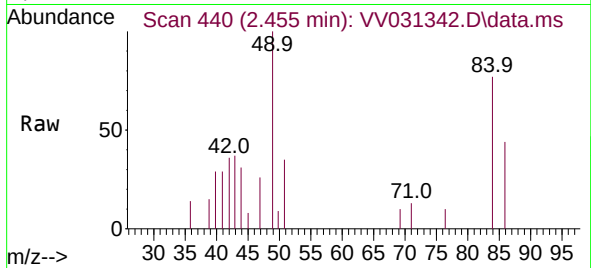




#16
Methylene chloride
Concen: 0.240 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.006 min
Lab File: VV031342.D
Acq: 05 Jun 2023 12:46

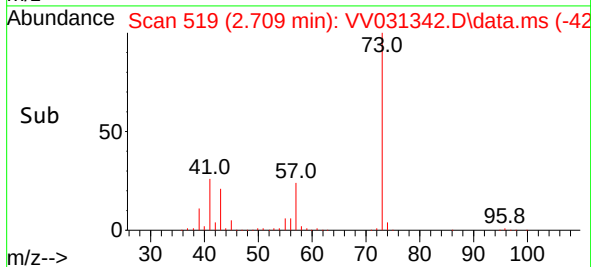
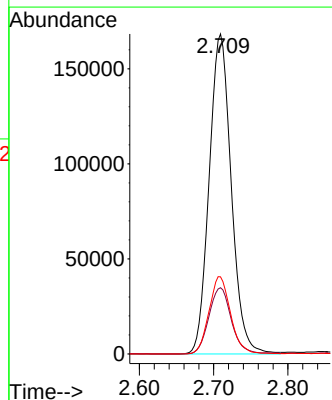
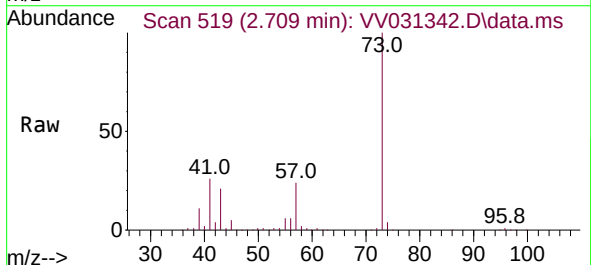
Instrument :
MSVOA_V
ClientSampleId :
F6C28

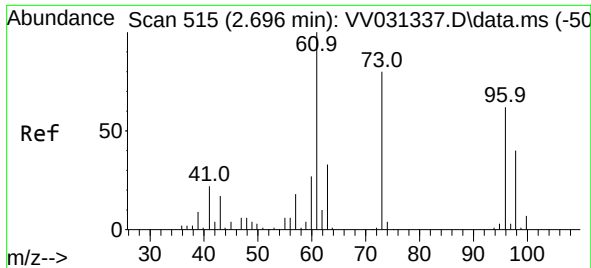
Tgt Ion: 84 Resp: 1594
Ion Ratio Lower Upper
84 100
86 56.7 46.7 86.7
49 140.7 101.6 188.8



#17
Methyl tert-butyl Ether
Concen: 27.864 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV031342.D
Acq: 05 Jun 2023 12:46

Tgt Ion: 73 Resp: 347508
Ion Ratio Lower Upper
73 100
43 21.3 17.8 26.8
57 23.6 19.8 29.8

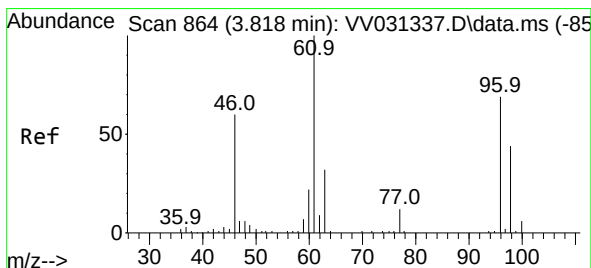
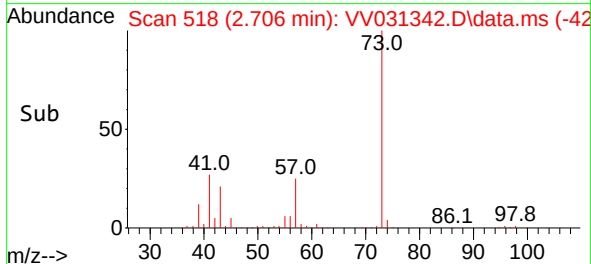
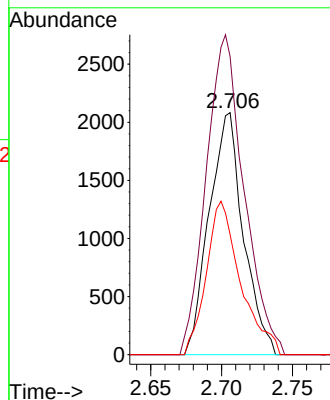
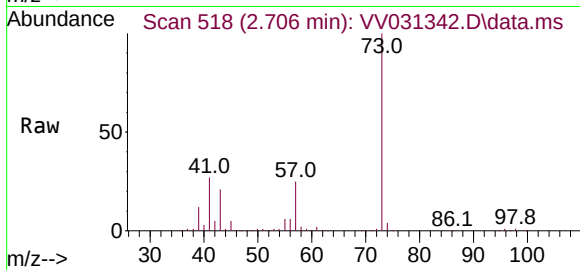




#18
trans-1,2-Dichloroethene
Concen: 0.674 ug/L
RT: 2.706 min Scan# 515
Delta R.T. 0.010 min
Lab File: VV031342.D
Acq: 05 Jun 2023 12:46

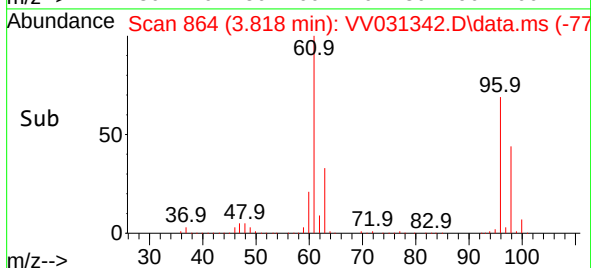
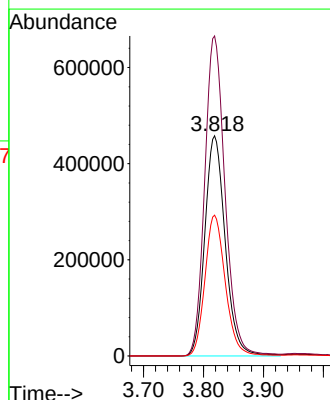
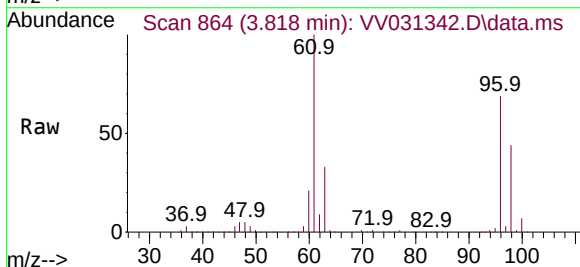
Instrument :
MSVOA_V
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F6C28

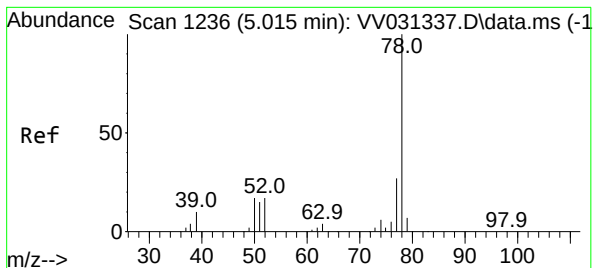
Tgt Ion: 96 Resp: 3497
Ion Ratio Lower Upper
96 100
61 123.1 114.2 212.0
98 49.6 45.0 83.6



#22
cis-1,2-Dichloroethene
Concen: 206.611 ug/L
RT: 3.818 min Scan# 864
Delta R.T. -0.000 min
Lab File: VV031342.D
Acq: 05 Jun 2023 12:46

Tgt Ion: 96 Resp: 1086603
Ion Ratio Lower Upper
96 100
61 145.4 100.8 187.2
98 64.0 45.1 83.9





#33

Benzene

Concen: 0.296 ug/L

RT: 5.024 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV031342.D

Acq: 05 Jun 2023 12:46

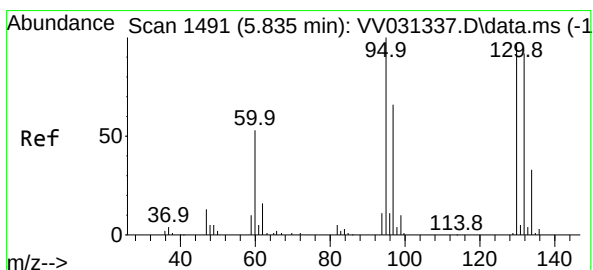
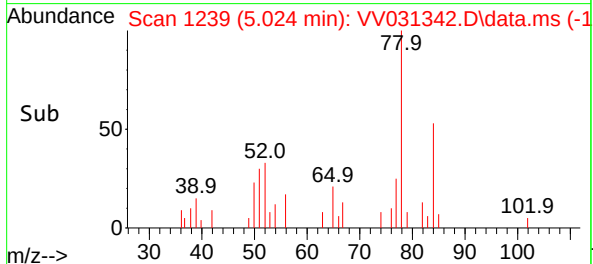
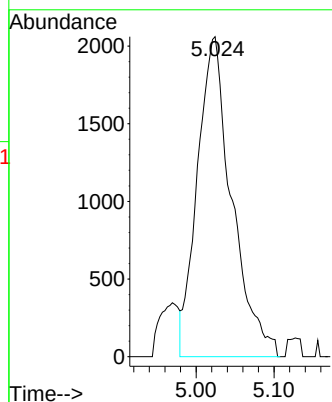
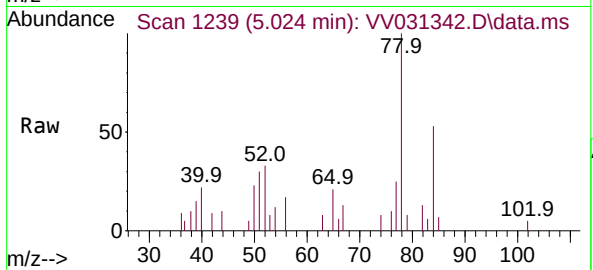
Instrument :

MSVOA_V

ClientSampleId :

F6C28

Tgt Ion: 78 Resp: 6319



#34

Trichloroethene

Concen: 138.465 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. 0.003 min

Lab File: VV031342.D

Acq: 05 Jun 2023 12:46

Tgt Ion: 95 Resp: 797002

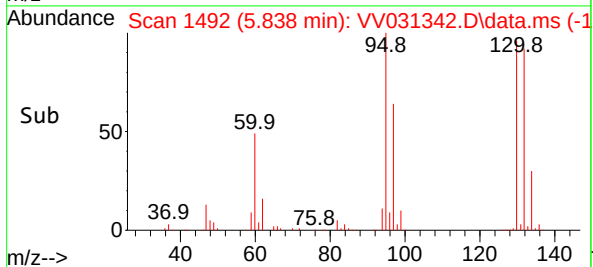
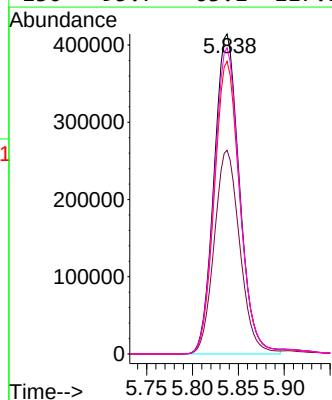
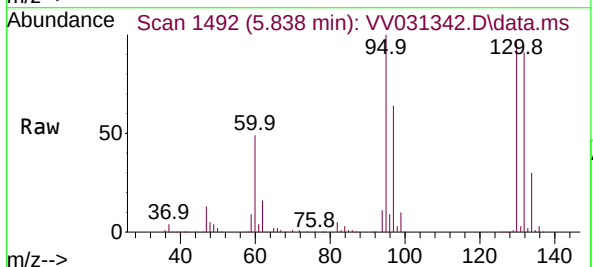
Ion Ratio Lower Upper

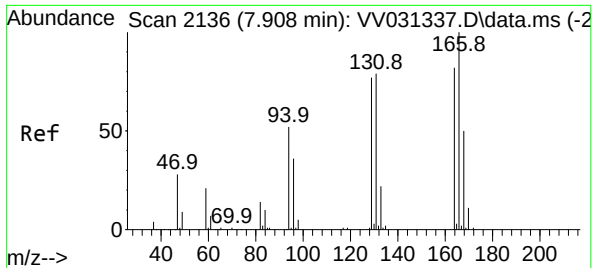
95 100

97 63.7 46.1 85.5

132 91.4 64.5 119.9

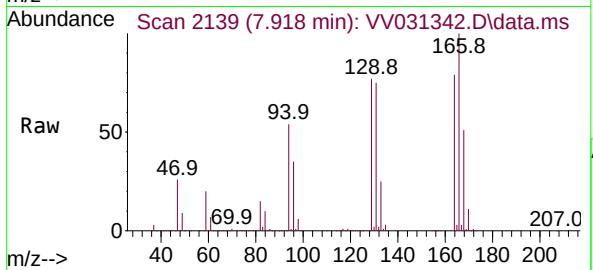
130 95.7 63.1 117.1





#47
 Tetrachloroethene
 Concen: 1298.179 ug/L
 RT: 7.918 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VV031342.D
 Acq: 05 Jun 2023 12:46

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 MSVOA_V
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Tgt Ion:164 Resp: 5822798

Ion	Ratio	Lower	Upper
164	100		
129	97.2	66.0	122.6
131	94.4	65.3	121.3
166	126.3	90.1	167.3

