

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060523\
 Data File : VV031342.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

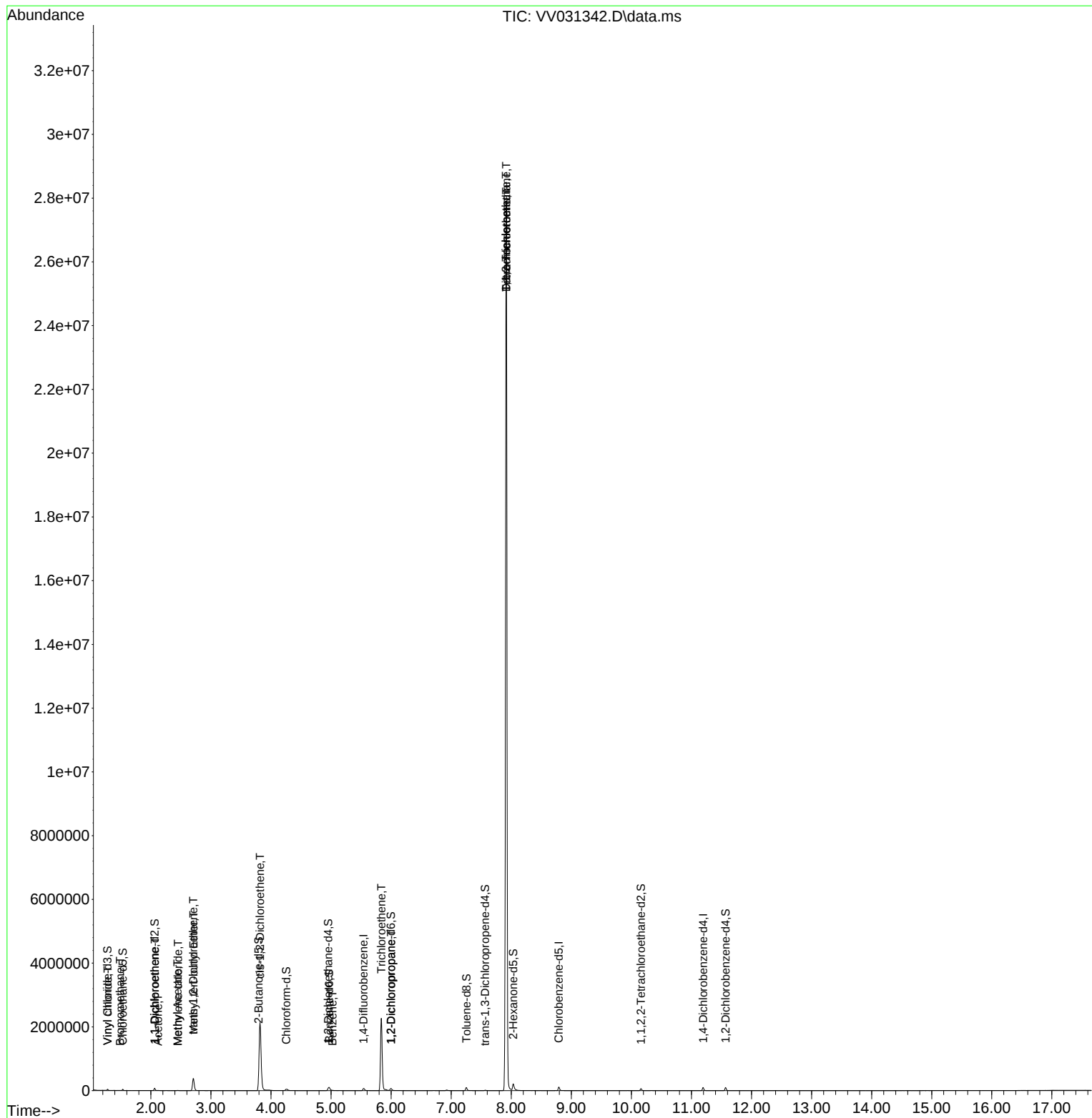
					Qvalue	
5) Vinyl chloride	1.282	62	847	0.108	ug/L #	8
6) Bromomethane	1.487	94	418	0.093	ug/L	76
12) 1,1-Dichloroethene	2.069	96	1102	0.201	ug/L #	1
13) Acetone	2.121	43	5676	3.561	ug/L	90
15) Methyl Acetate	2.446	43	1854	0.599	ug/L #	56
16) Methylene chloride	2.455	84	1594	0.240	ug/L	94
17) Methyl tert-butyl 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
37) 1,2-Dichloropropane	6.002	63	3869	0.617	ug/L #	86
45) 1,1,2-Trichloroethane	7.915	97	56813	13.345	ug/L #	14
47) Tetrachloroethene	7.918	164	5822798	1298.179	ug/L	98
49) Dibromochloromethane	7.918	129	5557886	1168.966	ug/L #	10

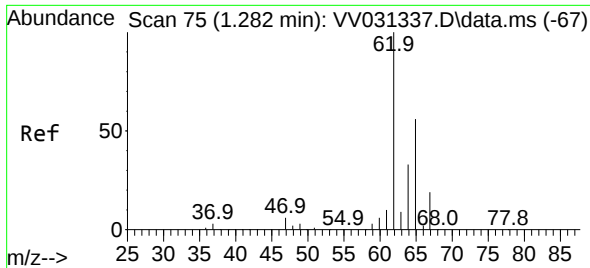
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5
 Vinyl chloride
 Concen: 0.108 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV031342.D
 Acq: 05 Jun 2023 12:46

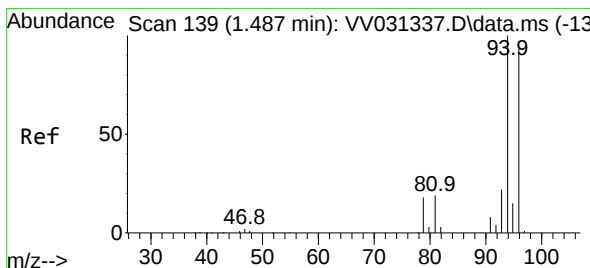
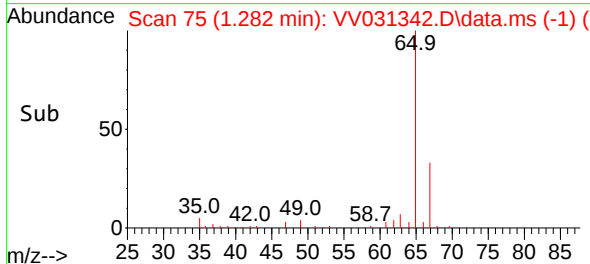
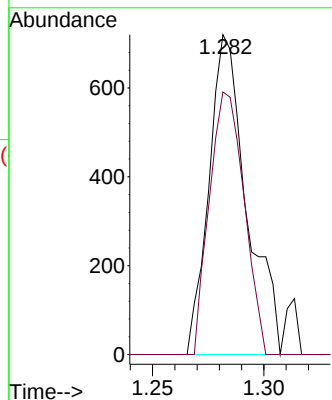
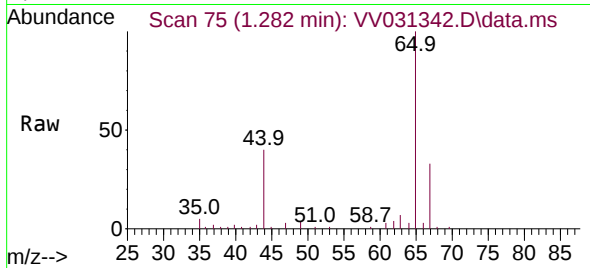
Instrument :

MSVOA_V

ClientSampleId :

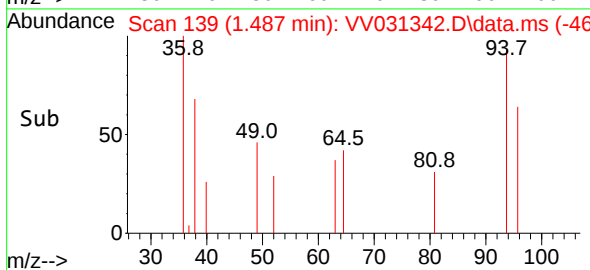
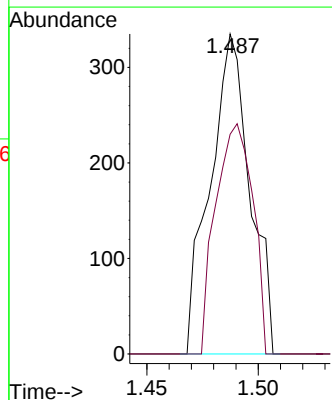
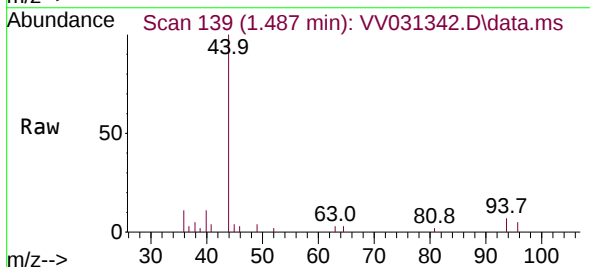
F6C28

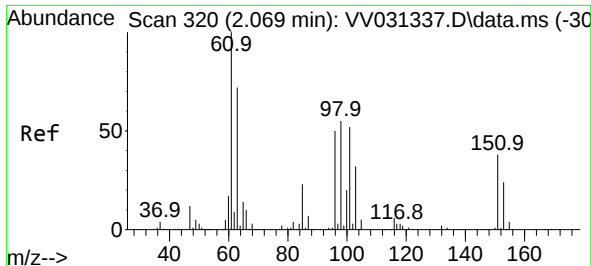
Tgt Ion: 62 Resp: 847
 Ion Ratio Lower Upper
 62 100
 64 82.1 22.0 40.8#



#6
 Bromomethane
 Concen: 0.093 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV031342.D
 Acq: 05 Jun 2023 12:46

Tgt Ion: 94 Resp: 418
 Ion Ratio Lower Upper
 94 100
 96 68.7 63.7 118.3





#12

1,1-Dichloroethene

Concen: 0.201 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031342.D

Acq: 05 Jun 2023 12:46

Instrument :

MSVOA_V

ClientSampleId :

F6C28

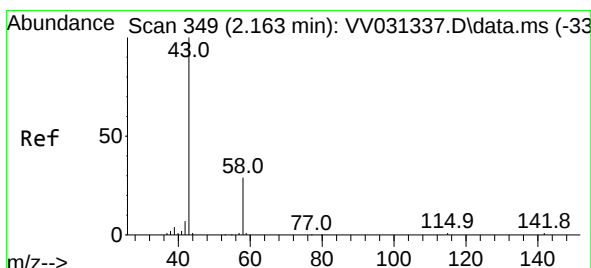
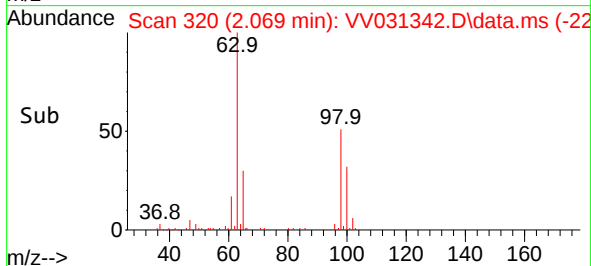
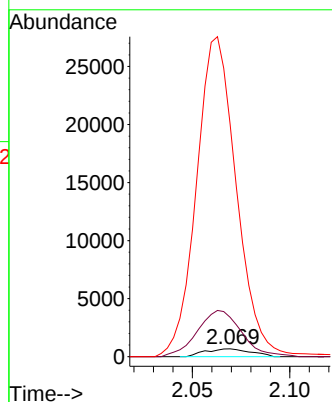
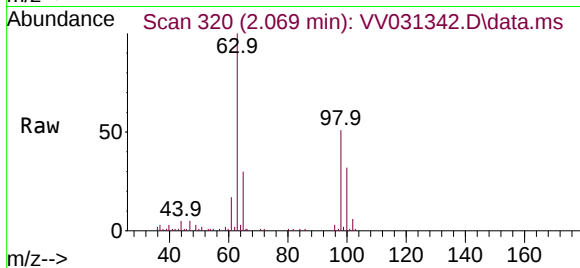
Tgt Ion: 96 Resp: 1102

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

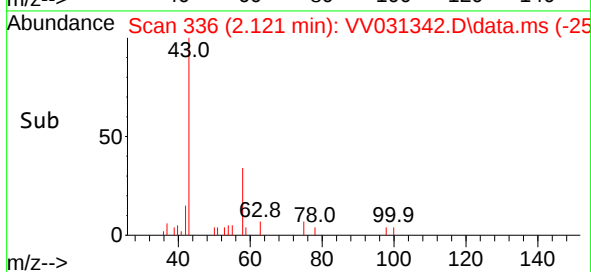
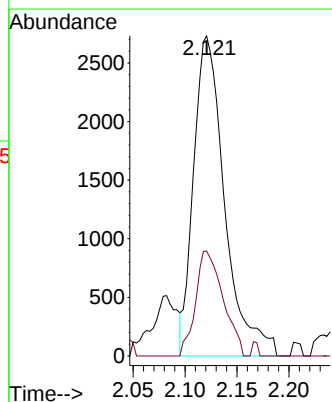
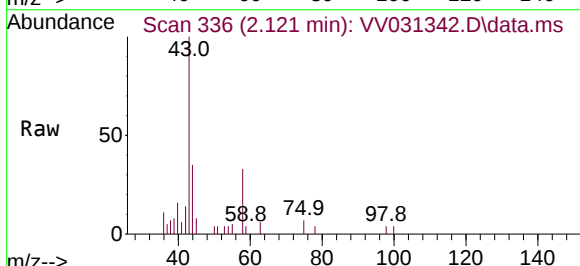
Acq: 05 Jun 2023 12:46

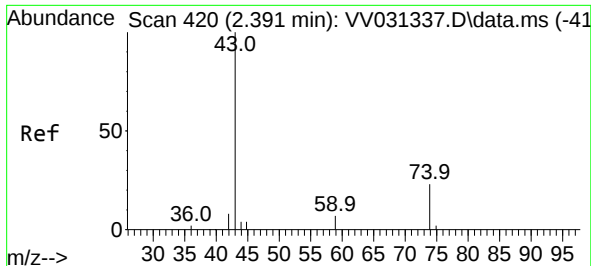
Tgt Ion: 43 Resp: 5676

Ion Ratio Lower Upper

43 100

58 29.0 0.0 48.4

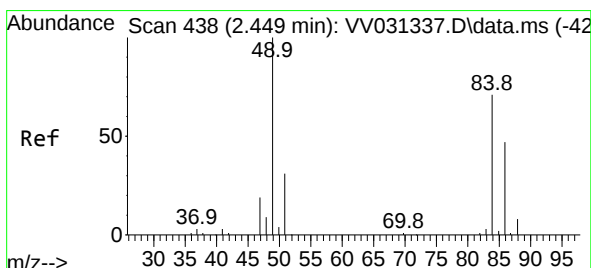
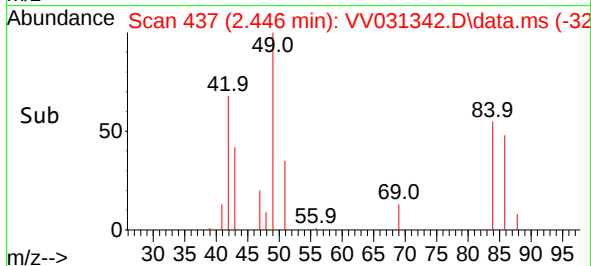
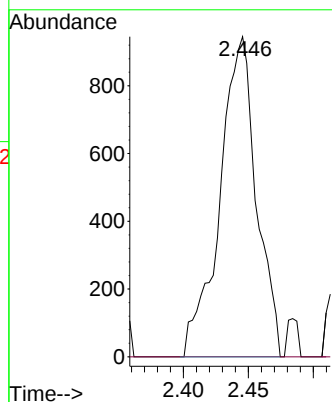
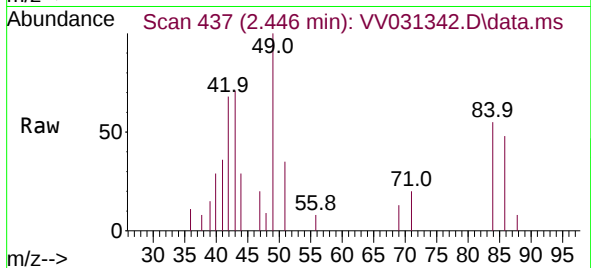




#15
Methyl Acetate
Concen: 0.599 ug/L
RT: 2.446 min Scan# 41
Delta R.T. 0.055 min
Lab File: VV031342.D
Acq: 05 Jun 2023 12:46

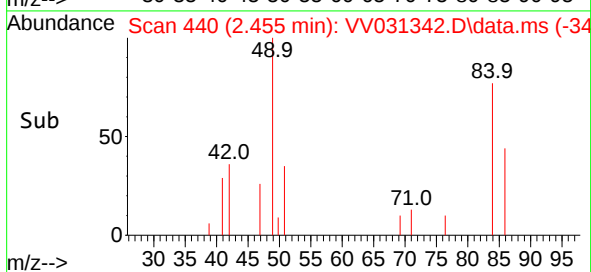
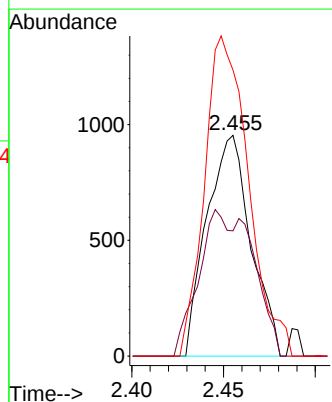
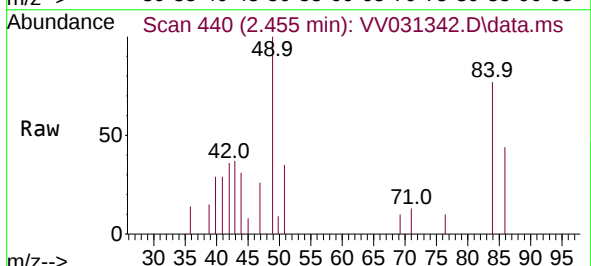
Instrument :
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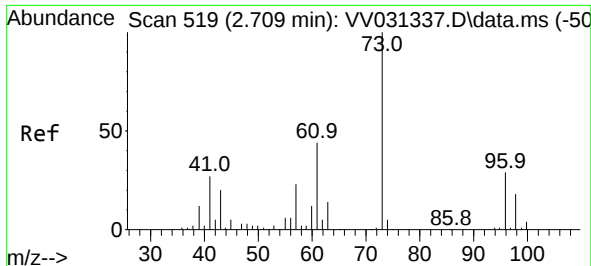
Tgt Ion: 43 Resp: 1854
Ion Ratio Lower Upper
43 100
74 0.0 16.2 24.2#



#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

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

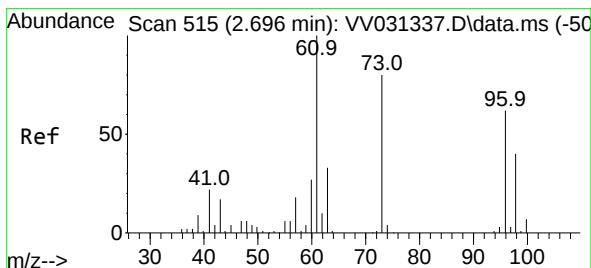
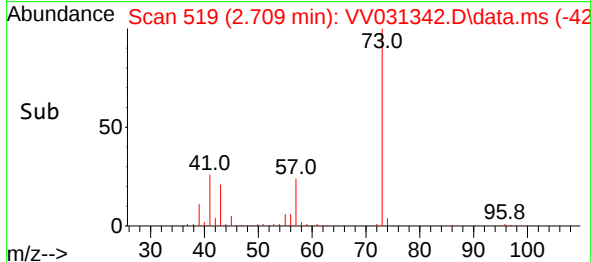
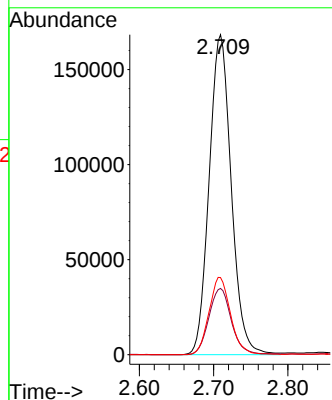
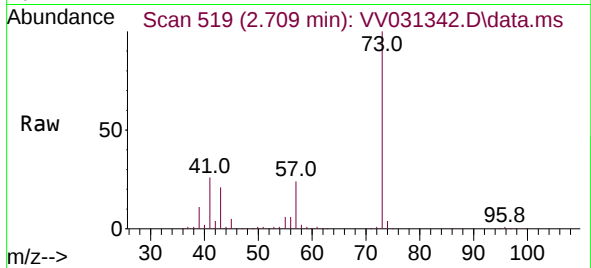




#17
Methyl tert-butyl Ether
Concen: 27.864 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV031342.D
Acq: 05 Jun 2023 12:46

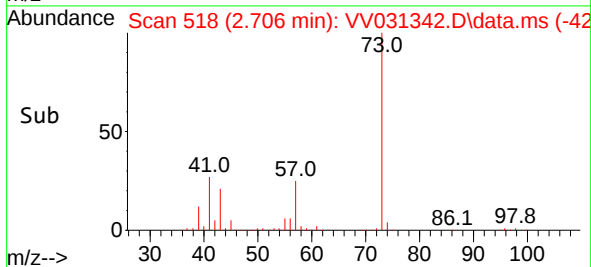
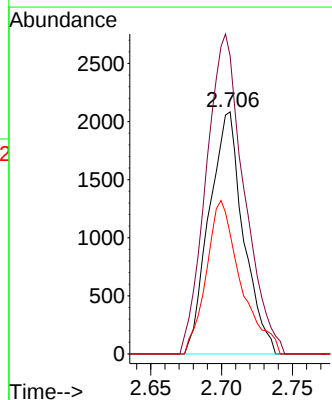
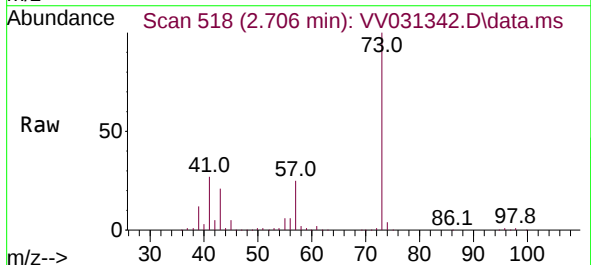
Instrument :
MSVOA_V
ClientSampleId :
F6C28

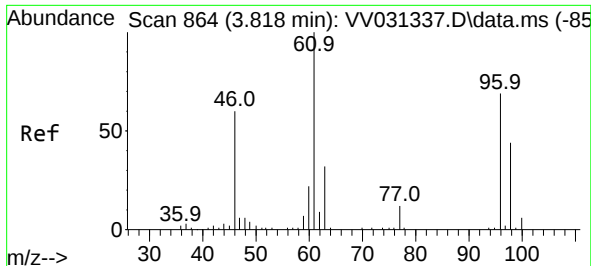
Tgt Ion: 73 Resp: 347508
Ion Ratio Lower Upper
73 100
43 21.3 17.8 26.8
57 23.6 19.8 29.8



#18
trans-1,2-Dichloroethene
Concen: 0.674 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.010 min
Lab File: VV031342.D
Acq: 05 Jun 2023 12:46

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# 80

Delta R.T. -0.000 min

Lab File: VV031342.D

Acq: 05 Jun 2023 12:46

Instrument :

MSVOA_V

ClientSampleId :

F6C28

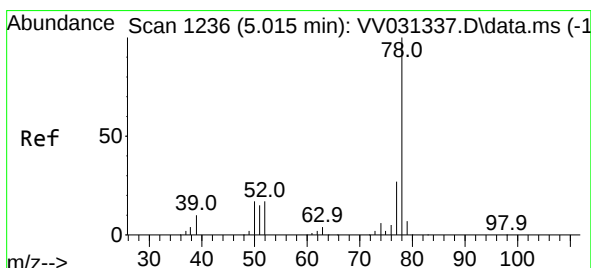
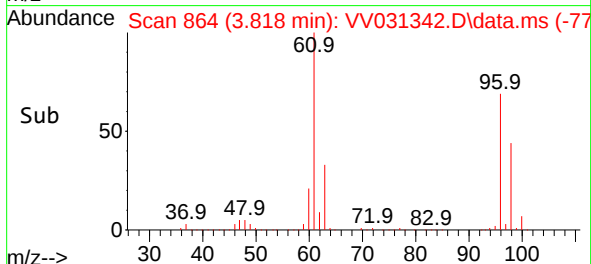
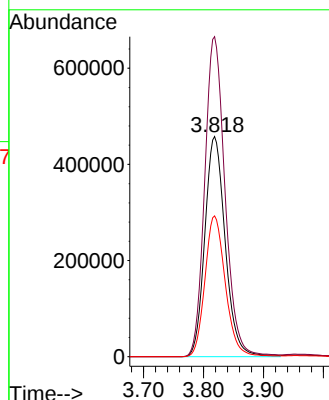
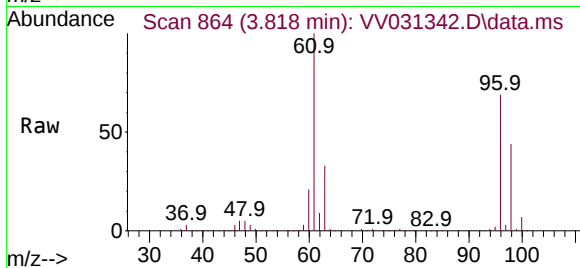
Tgt Ion: 96 Resp: 1086603

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

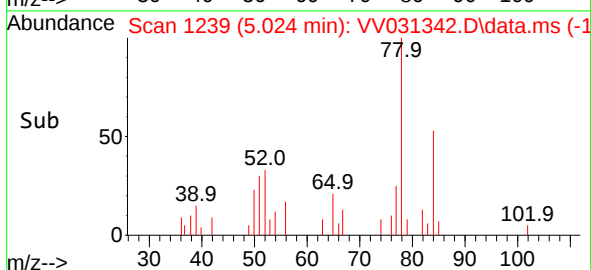
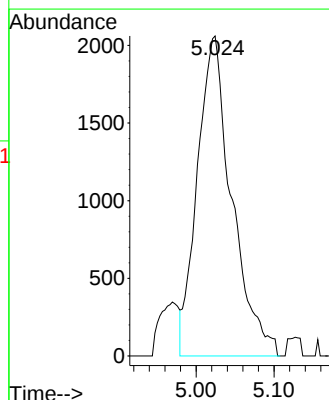
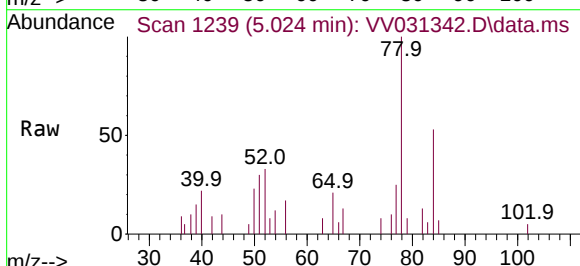
RT: 5.024 min Scan# 1239

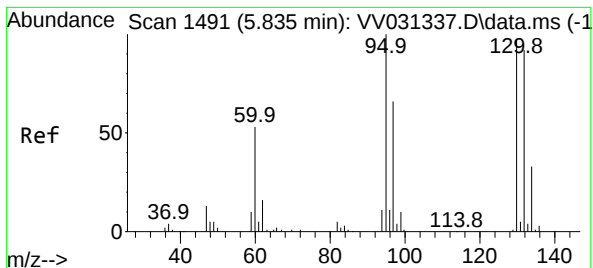
Delta R.T. 0.010 min

Lab File: VV031342.D

Acq: 05 Jun 2023 12:46

Tgt Ion: 78 Resp: 6319





#34

Trichloroethene

Concen: 138.465 ug/L

RT: 5.838 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV031342.D

Acq: 05 Jun 2023 12:46

Instrument :

MSVOA_V

ClientSampleId :

F6C28

Tgt Ion: 95 Resp: 797002

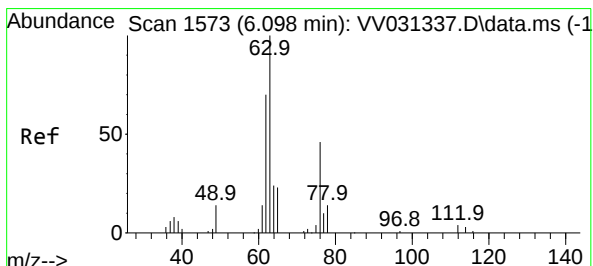
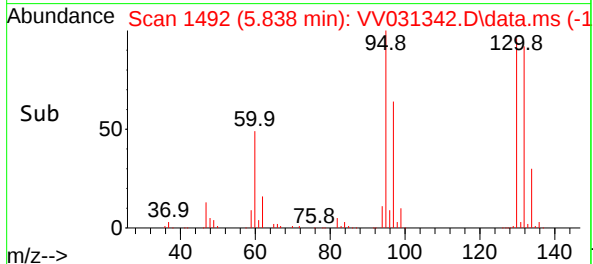
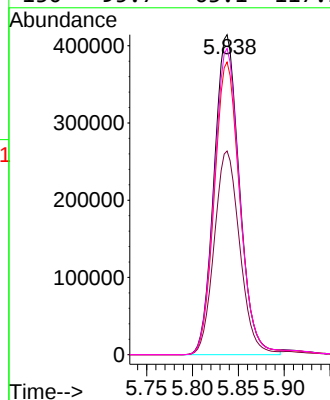
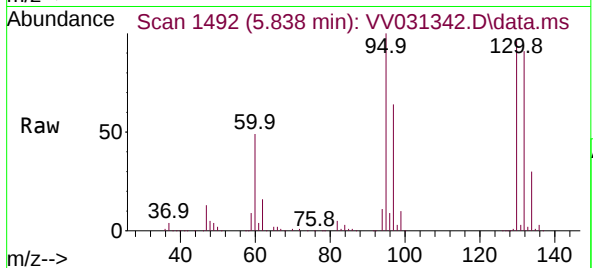
Ion Ratio Lower Upper

95 100

97 63.7 46.1 85.5

132 91.4 64.5 119.9

130 95.7 63.1 117.1



#37

1,2-Dichloropropane

Concen: 0.617 ug/L

RT: 6.002 min Scan# 1543

Delta R.T. -0.097 min

Lab File: VV031342.D

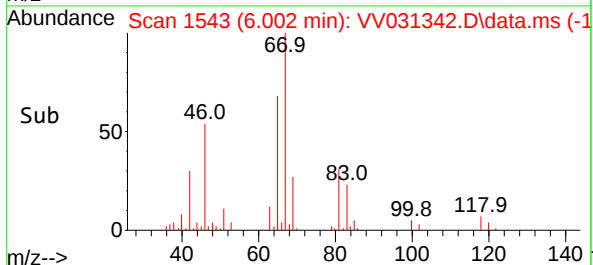
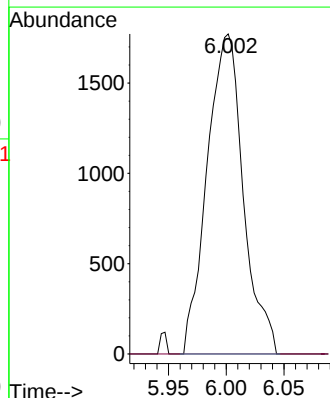
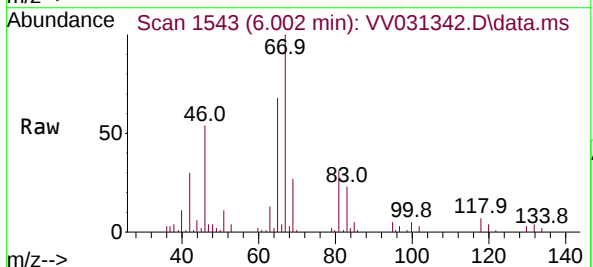
Acq: 05 Jun 2023 12:46

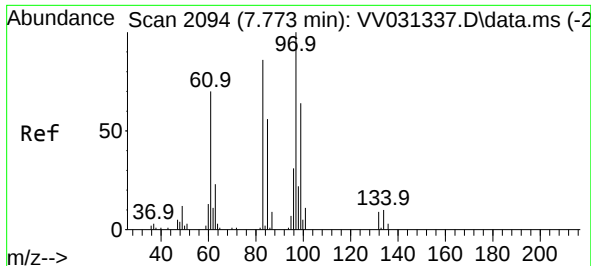
Tgt Ion: 63 Resp: 3869

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#

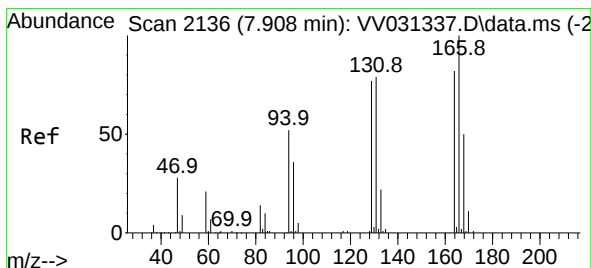
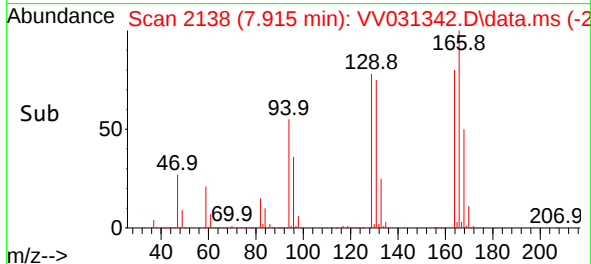
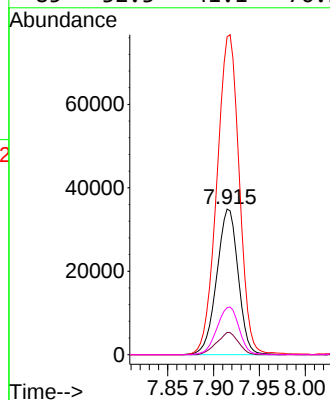
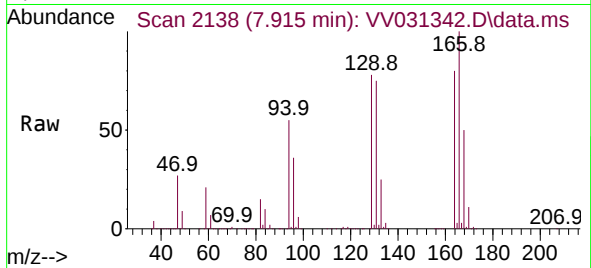




#45
1,1,2-Trichloroethane
Concen: 13.345 ug/L
RT: 7.915 min Scan# 2118
Delta R.T. 0.141 min
Lab File: VV031342.D
Acq: 05 Jun 2023 12:46

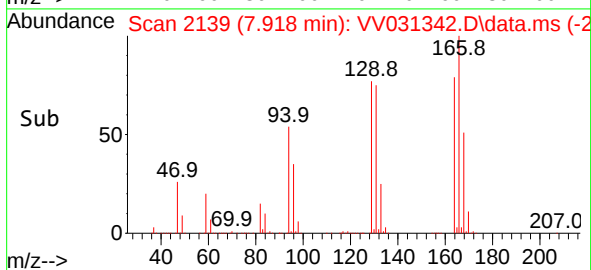
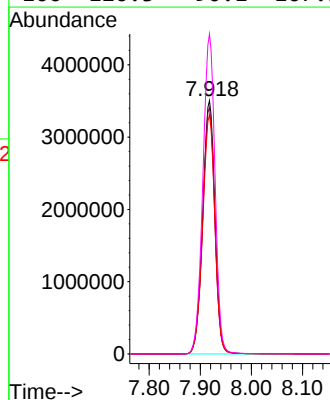
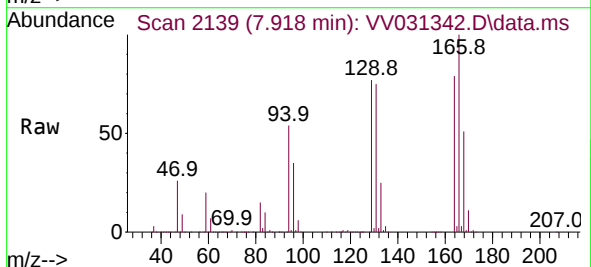
Instrument :
MSVOA_V
ClientSampleId :
F6C28

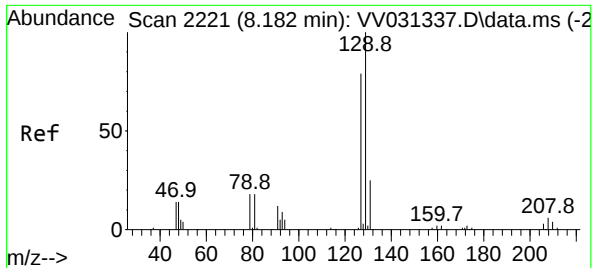
Tgt Ion:	97	Resp:	56813
Ion	Ratio	Lower	Upper
97	100		
99	15.3	43.1	80.1#
83	218.3	63.1	117.1#
85	32.3	41.1	76.3#



#47
Tetrachloroethene
Concen: 1298.179 ug/L
RT: 7.918 min Scan# 2139
Delta R.T. 0.010 min
Lab File: VV031342.D
Acq: 05 Jun 2023 12:46

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





#49
 Dibromochloromethane
 Concen: 1168.966 ug/L
 RT: 7.918 min Scan# 21
 Delta R.T. -0.264 min
 Lab File: VV031342.D
 Acq: 05 Jun 2023 12:46

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C28

Tgt Ion:129 Resp: 5557886
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.0 102.2#

