

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102021\
 Data File : VW022940.D
 Acq On : 20 Oct 2021 18:29
 Operator : SY/MD
 Sample : M4137-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGA6

Quant Time: Oct 21 02:48:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 21 02:43:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

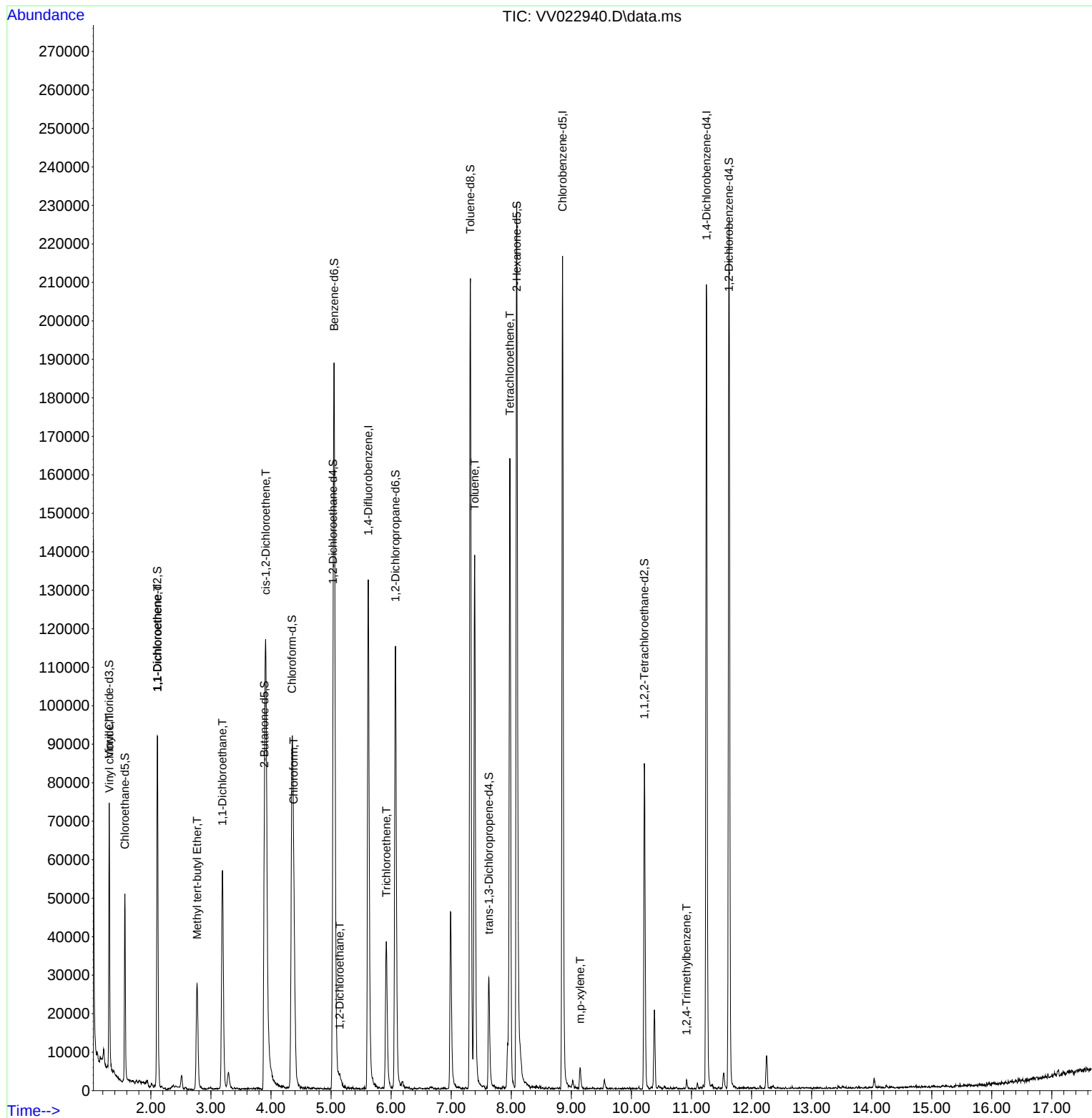
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	118892	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121922	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56736	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31573	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.568	69	29560	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.108	63	47292	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	3.889	46	105427	49.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.30%
24) Chloroform-d	4.352	84	85143	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.034	65	43470	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.053	84	175452	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.072	67	58896	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.320	98	144009	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloroprop...	7.629	79	17380	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.092	63	78921	54.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.84%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40104	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
66) 1,2-Dichlorobenzene-d4	11.625	152	59705	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	11989	1.33	ug/L	92
12) 1,1-Dichloroethene	2.111	96	1021	0.14	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	27063	1.56	ug/L	98
19) 1,1-Dichloroethane	3.191	63	57510	4.09	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	47763	5.82	ug/L	95
25) Chloroform	4.378	83	44107	2.70	ug/L	93
27) 1,2-Dichloroethane	5.143	62	2599	0.32	ug/L	96
34) Trichloroethene	5.921	95	13281	1.49	ug/L	98
42) Toluene	7.391	91	103042	3.09	ug/L	99
47) Tetrachloroethene	7.979	164	38929	5.39	ug/L	96
53) m,p-xylene	9.146	106	1708	0.13	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	1289	0.06	ug/L	99

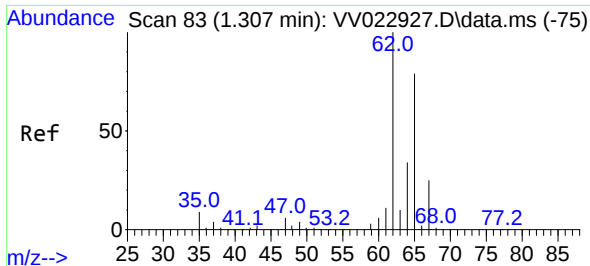
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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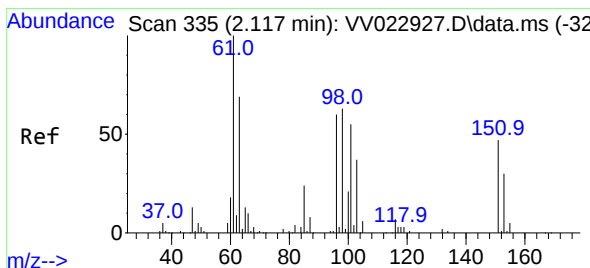
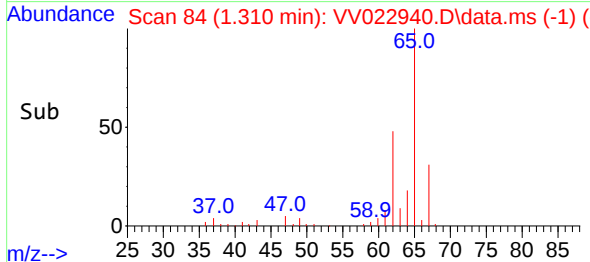
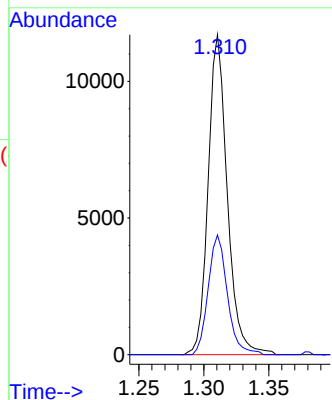
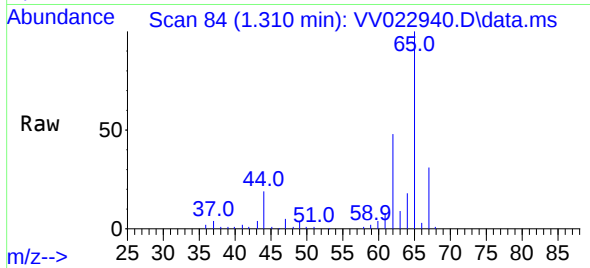




#5
 Vinyl chloride
 Concen: 1.33 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV022940.D
 Acq: 20 Oct 2021 18:29

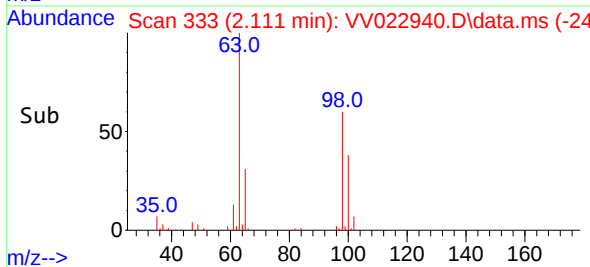
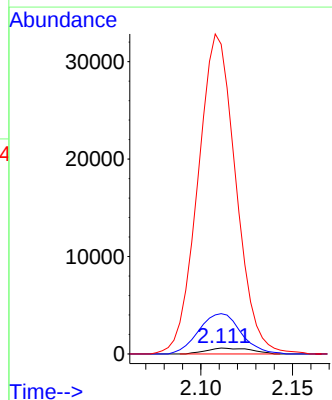
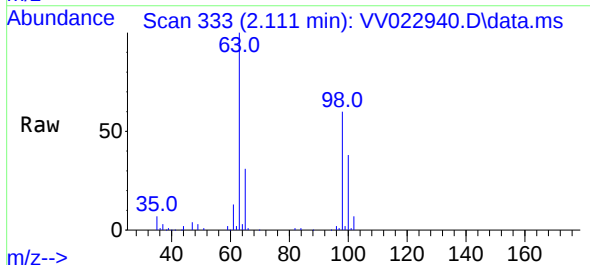
Instrument :
 MSVOA_V
 ClientSampled :
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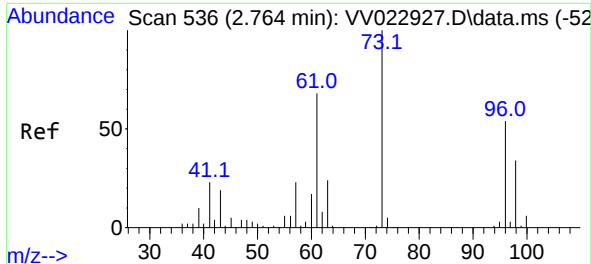
Tgt Ion: 62 Resp: 11989
 Ion Ratio Lower Upper
 62 100
 64 37.4 23.0 42.8



#12
 1,1-Dichloroethene
 Concen: 0.14 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.006 min
 Lab File: VV022940.D
 Acq: 20 Oct 2021 18:29

Tgt Ion: 96 Resp: 1021
 Ion Ratio Lower Upper
 96 100
 61 678.4 127.3 236.5#
 63 5203.3 106.2 197.2#



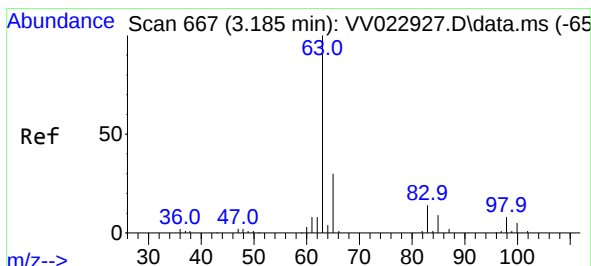
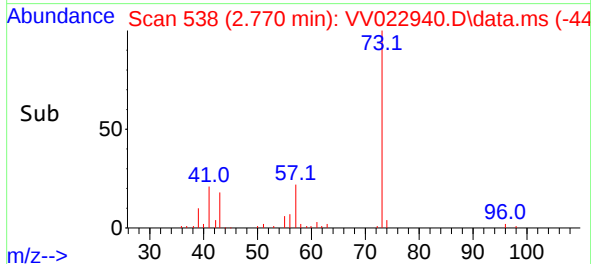
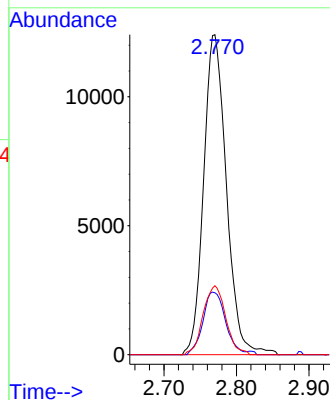
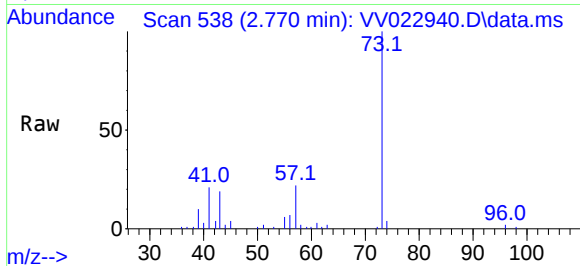


#17
Methyl tert-butyl Ether
Concen: 1.56 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV022940.D
Acq: 20 Oct 2021 18:29

Instrument :
MSVOA_V
ClientSampleId :
BFGA6

Tgt Ion: 73 Resp: 27063

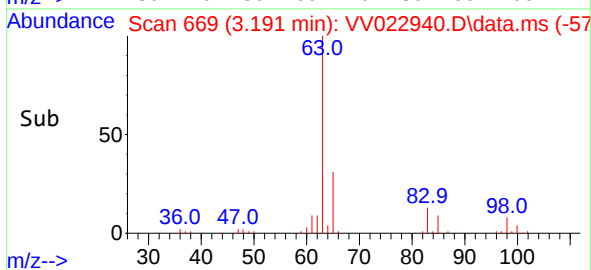
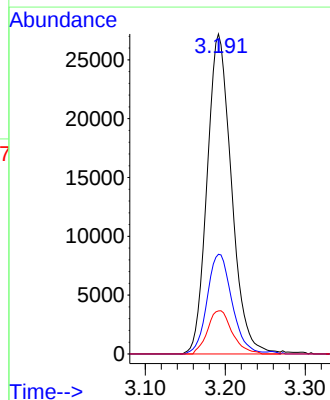
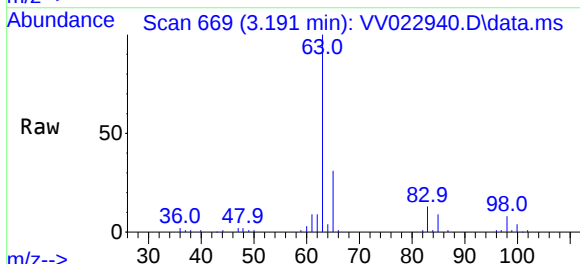
Ion	Ratio	Lower	Upper
73	100		
43	19.4	17.1	25.7
57	21.3	17.2	25.8

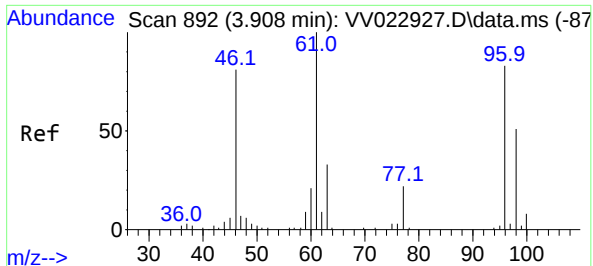


#19
1,1-Dichloroethane
Concen: 4.09 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.006 min
Lab File: VV022940.D
Acq: 20 Oct 2021 18:29

Tgt Ion: 63 Resp: 57510

Ion	Ratio	Lower	Upper
63	100		
65	31.2	23.5	43.7
83	13.5	10.1	18.7

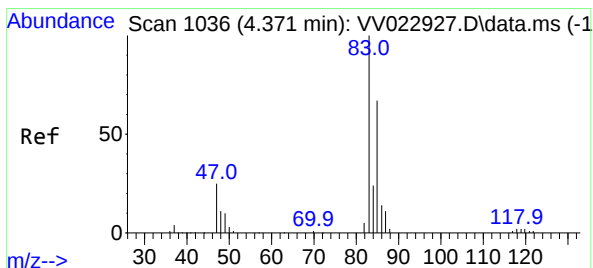
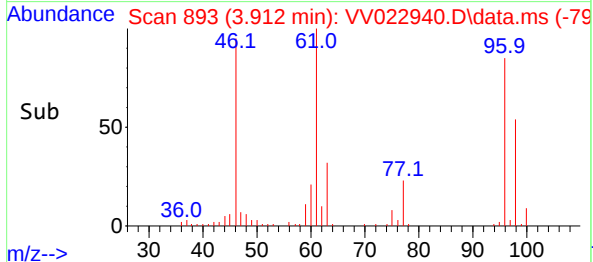
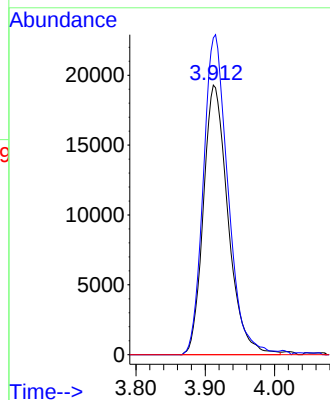
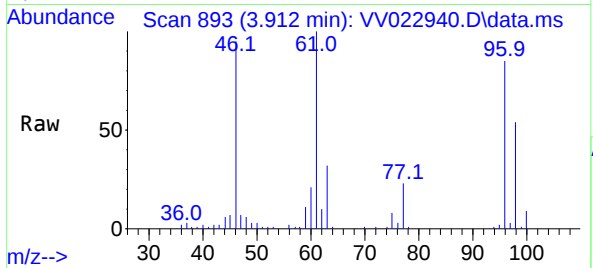




#22
cis-1,2-Dichloroethene
Concen: 5.82 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV022940.D
Acq: 20 Oct 2021 18:29

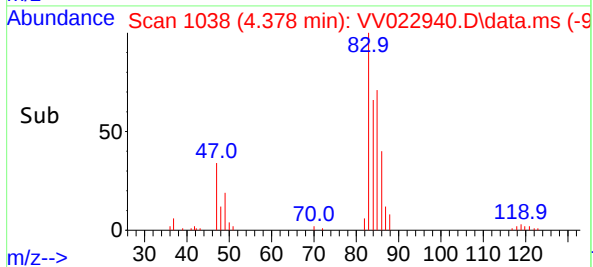
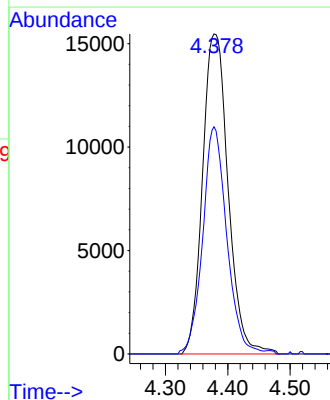
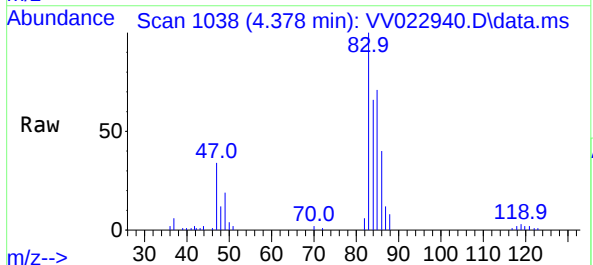
Instrument :
MSVOA_V
ClientSampleId :
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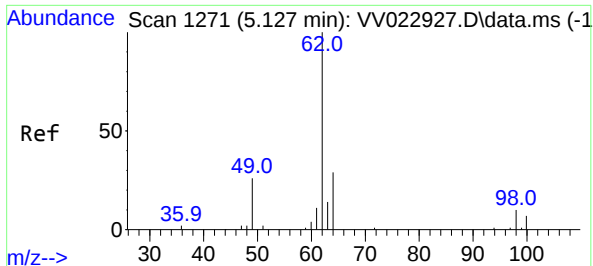
Tgt Ion: 96 Resp: 47763
Ion Ratio Lower Upper
96 100
61 117.5 86.0 159.6
68 0.0 0.0 0.0



#25
Chloroform
Concen: 2.70 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV022940.D
Acq: 20 Oct 2021 18:29

Tgt Ion: 83 Resp: 44107
Ion Ratio Lower Upper
83 100
85 71.0 45.7 84.9

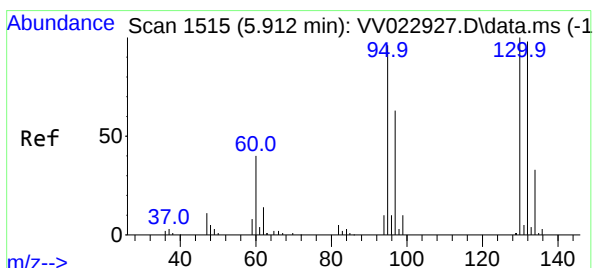
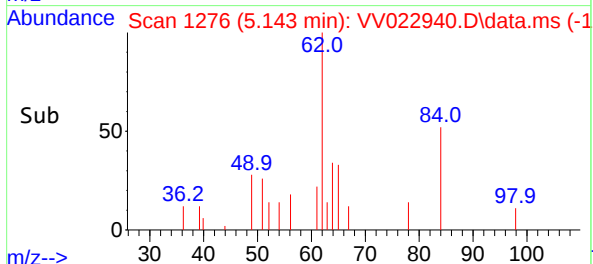
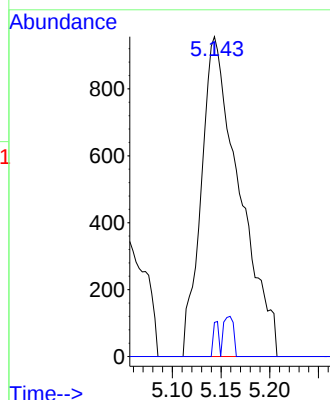
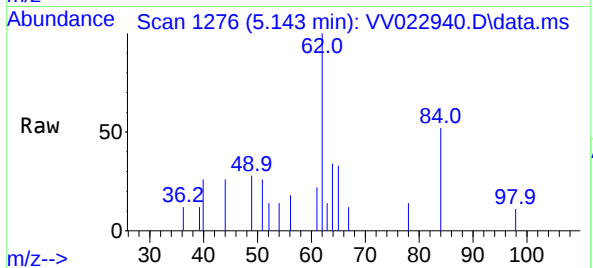




#27
1,2-Dichloroethane
Concen: 0.32 ug/L
RT: 5.143 min Scan# 1276
Delta R.T. 0.016 min
Lab File: VV022940.D
Acq: 20 Oct 2021 18:29

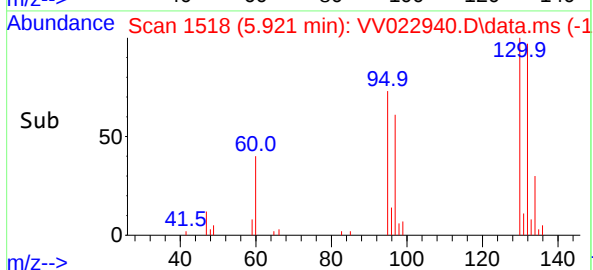
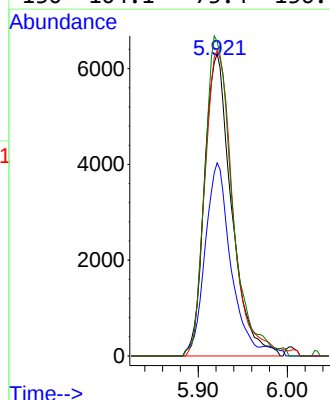
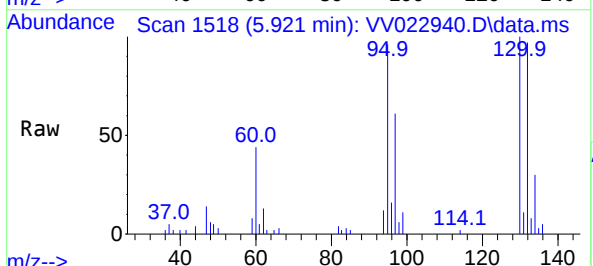
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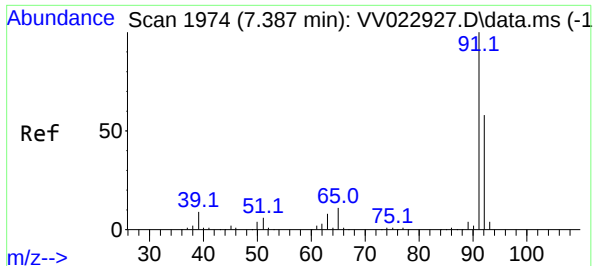
Tgt Ion: 62 Resp: 2599
Ion Ratio Lower Upper
62 100
98 10.7 9.7 14.5



#34
Trichloroethene
Concen: 1.49 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV022940.D
Acq: 20 Oct 2021 18:29

Tgt Ion: 95 Resp: 13281
Ion Ratio Lower Upper
95 100
97 63.9 45.8 85.2
132 101.1 72.2 134.0
130 104.1 73.4 136.4

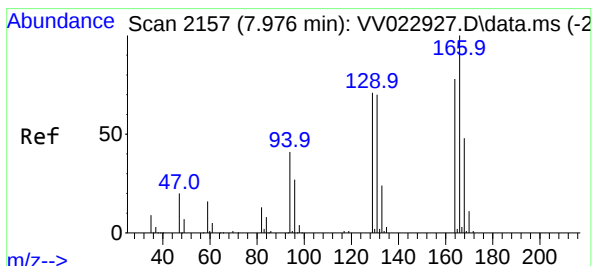
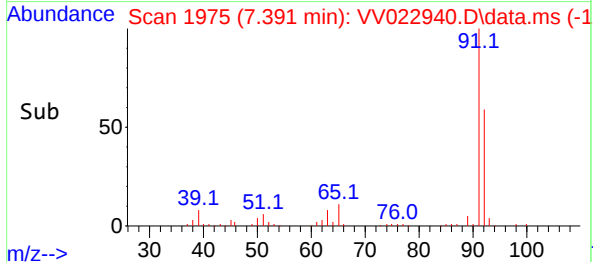
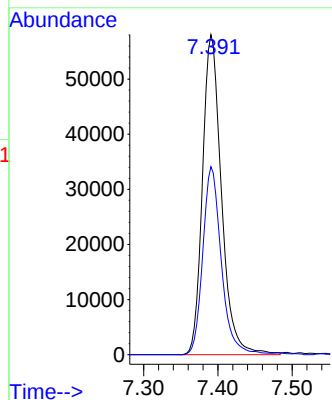
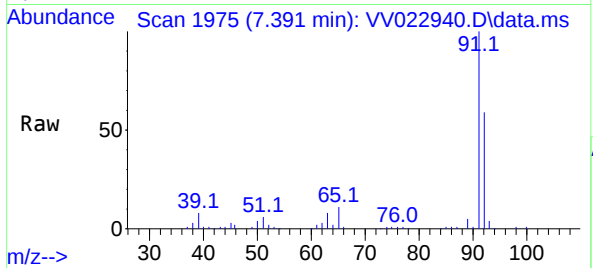




#42
Toluene
Concen: 3.09 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV022940.D
Acq: 20 Oct 2021 18:29

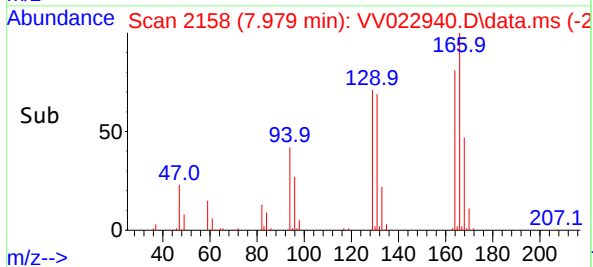
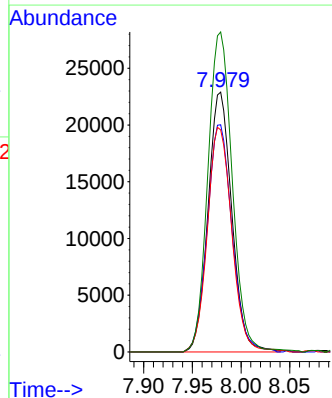
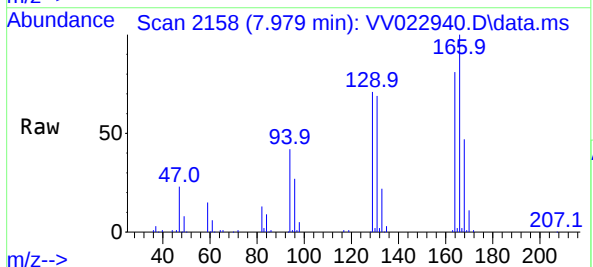
Instrument :
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ClientSampled :
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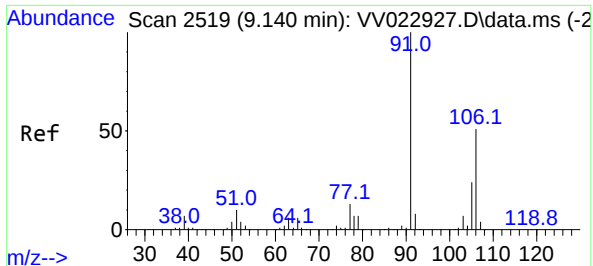
Tgt Ion: 91 Resp: 103042
Ion Ratio Lower Upper
91 100
92 58.7 40.7 75.7



#47
Tetrachloroethene
Concen: 5.39 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022940.D
Acq: 20 Oct 2021 18:29

Tgt Ion:164 Resp: 38929
Ion Ratio Lower Upper
164 100
129 87.4 65.0 120.6
131 85.5 62.2 115.4
166 123.2 89.2 165.8

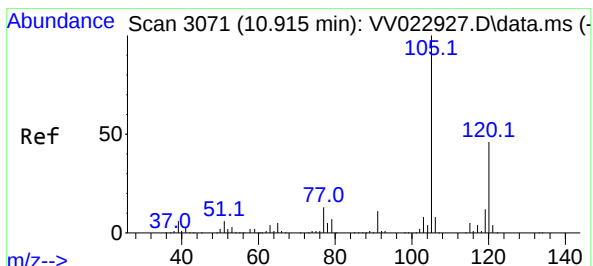
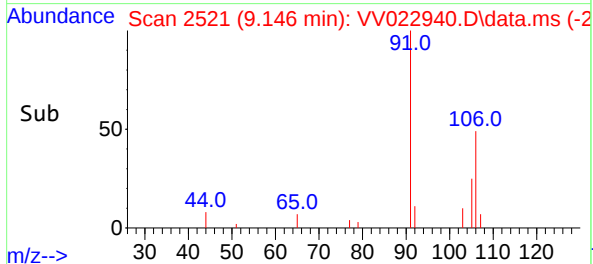
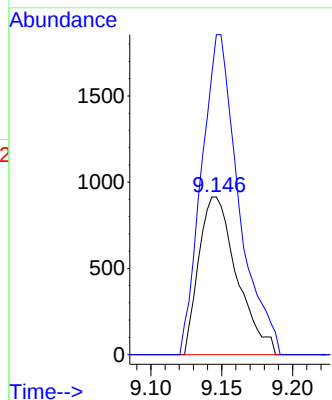
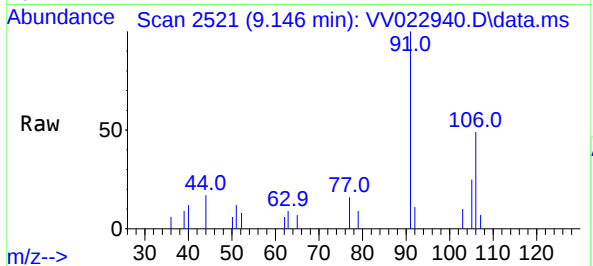




#53
m,p-xylene
Concen: 0.13 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.006 min
Lab File: VV022940.D
Acq: 20 Oct 2021 18:29

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Tgt Ion:106 Resp: 1708
Ion Ratio Lower Upper
106 100
91 203.0 138.7 257.5



#63
1,2,4-Trimethylbenzene
Concen: 0.06 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022940.D
Acq: 20 Oct 2021 18:29

Tgt Ion:105 Resp: 1289
Ion Ratio Lower Upper
105 100
120 45.7 37.3 55.9

