

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
 Data File : VV023602.D
 Acq On : 18 Nov 2021 14:24
 Operator : SY/MD
 Sample : M4627-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 02:13:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 02:11:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116691	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	115984	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55911	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38054	5.206	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.200%
7) Chloroethane-d5	1.568	69	30513	5.121	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.108	63	52262	3.819	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	3.892	46	50398	40.017	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.040%
24) Chloroform-d	4.349	84	69861	4.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.037	65	34080	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.050	84	133546	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.069	67	39726	4.535	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.317	98	116327	4.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	7.625	79	14274	4.297	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.091	63	53857	44.067	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.140%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27850	4.421	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	46153	4.957	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%

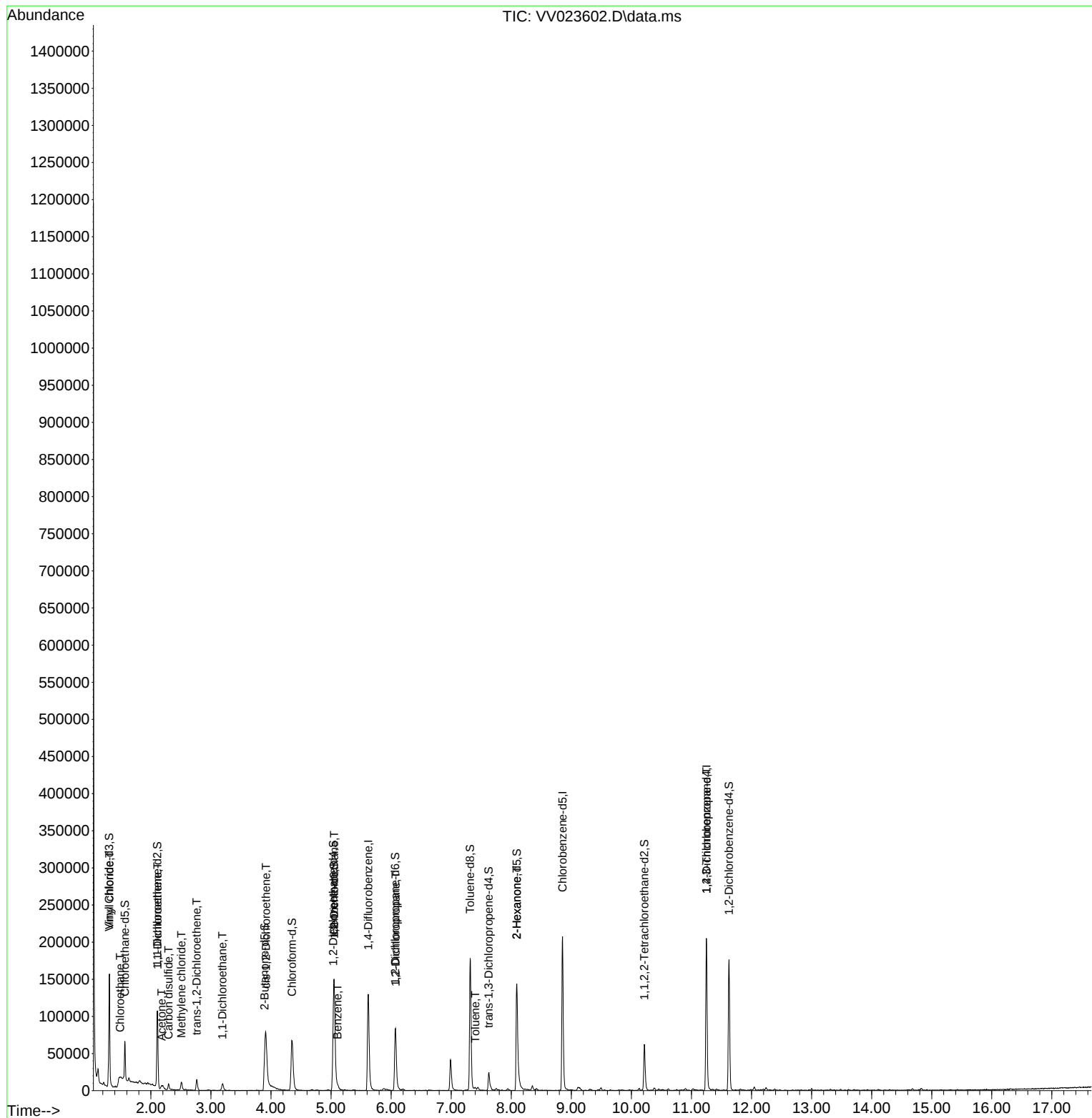
Target Compounds				Qvalue		
5) Vinyl chloride	1.310	62	55320	5.726	ug/L	97
8) Chloroethane	1.487	64	18779	3.368	ug/L #	52
12) 1,1-Dichloroethene	2.111	96	633	0.091	ug/L #	1
13) Acetone	2.178	43	10053	13.064	ug/L	85
14) Carbon disulfide	2.294	76	8400	0.320	ug/L	99
16) Methylene chloride	2.510	84	4456	0.439	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	4993	0.584	ug/L	95
19) 1,1-Dichloroethane	3.191	63	8889	0.615	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	31062	3.773	ug/L #	87
27) 1,2-Dichloroethane	5.053	62	550	0.067	ug/L #	72
33) Benzene	5.108	78	6166	0.190	ug/L	100
37) 1,2-Dichloropropane	6.075	63	4987	0.659	ug/L #	89
42) Toluene	7.400	91	2899	0.084	ug/L	97
48) 2-Hexanone	8.091	43	6636	2.698	ug/L #	72
61) 1,2,3-Trichloropropane	11.249	75	6122	1.648	ug/L #	64

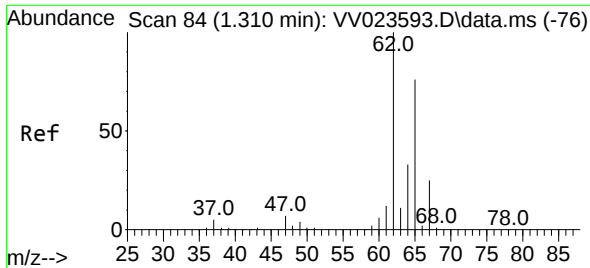
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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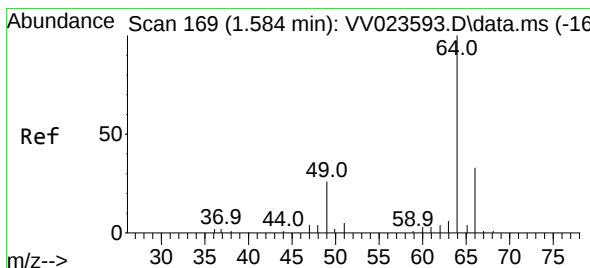
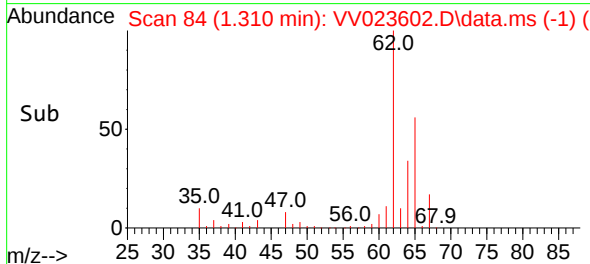
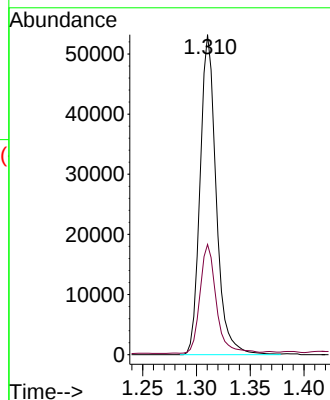
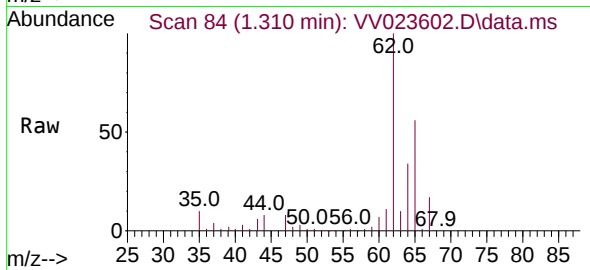




#5
 Vinyl chloride
 Concen: 5.726 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023602.D
 Acq: 18 Nov 2021 14:24

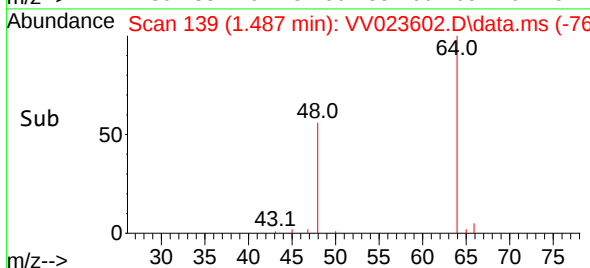
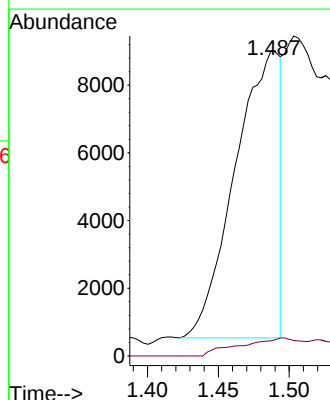
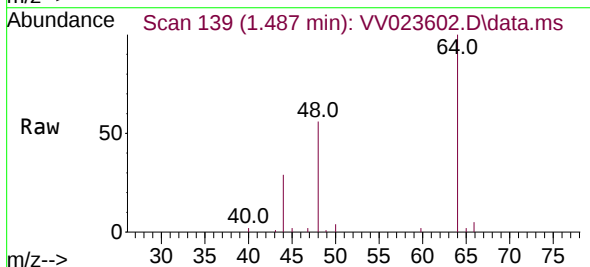
Instrument :
 MSVOA_V
 ClientSampleId :

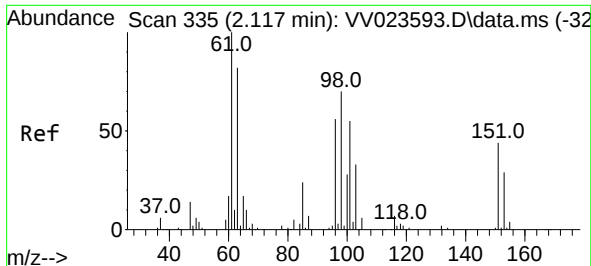
Tgt Ion: 62 Resp: 55320
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.1 42.9



#8
 Chloroethane
 Concen: 3.368 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.096 min
 Lab File: VV023602.D
 Acq: 18 Nov 2021 14:24

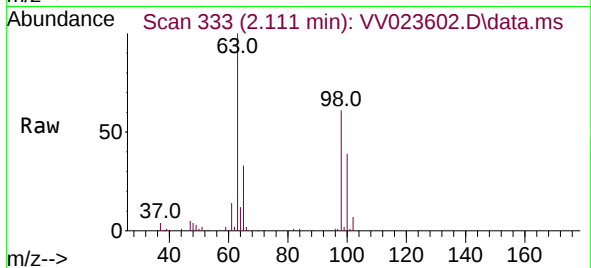
Tgt Ion: 64 Resp: 18779
 Ion Ratio Lower Upper
 64 100
 66 5.0 22.1 41.1#



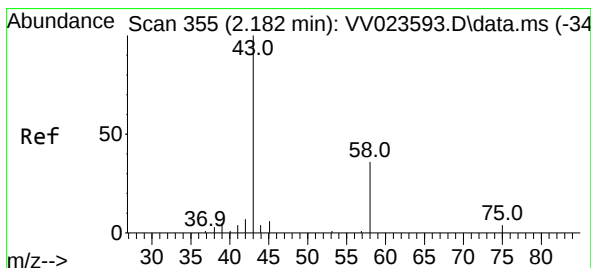
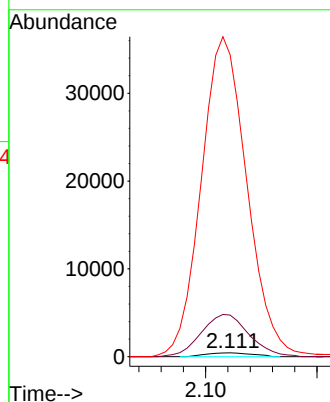
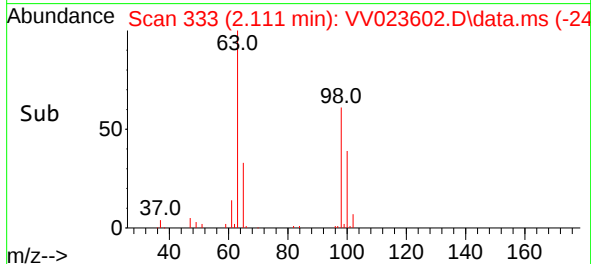


#12
1,1-Dichloroethene
Concen: 0.091 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VV023602.D
Acq: 18 Nov 2021 14:24

Instrument :
MSVOA_V
ClientSampleId :

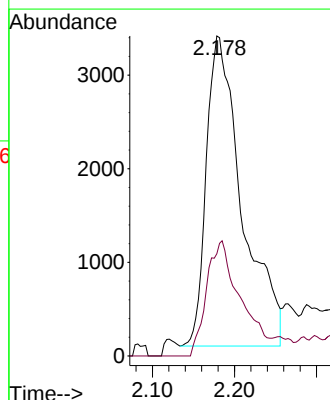
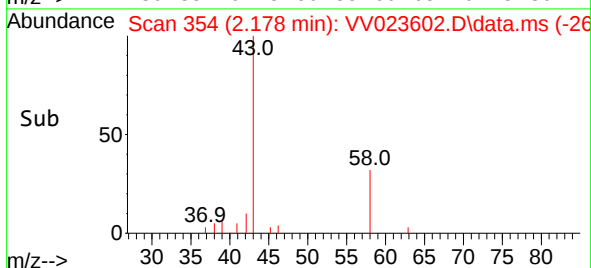
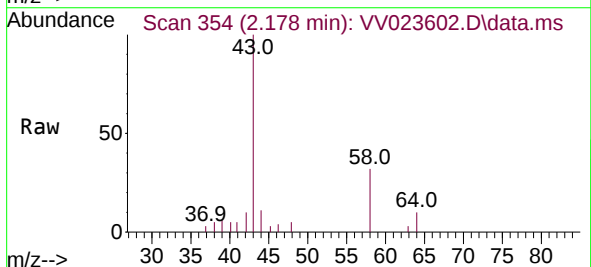


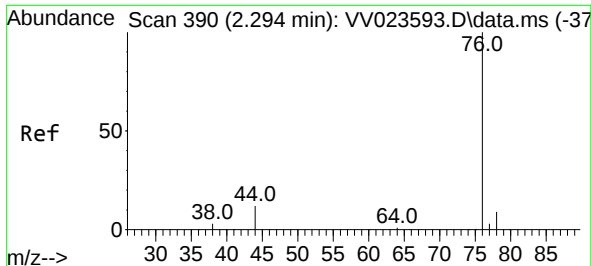
Tgt Ion: 96 Resp: 633
Ion Ratio Lower Upper
96 100
61 1083.1 121.5 225.7#
63 7852.1 99.6 185.0#



#13
Acetone
Concen: 13.064 ug/L
RT: 2.178 min Scan# 354
Delta R.T. -0.003 min
Lab File: VV023602.D
Acq: 18 Nov 2021 14:24

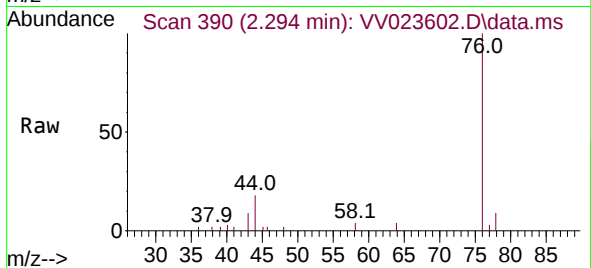
Tgt Ion: 43 Resp: 10053
Ion Ratio Lower Upper
43 100
58 35.5 0.0 55.4



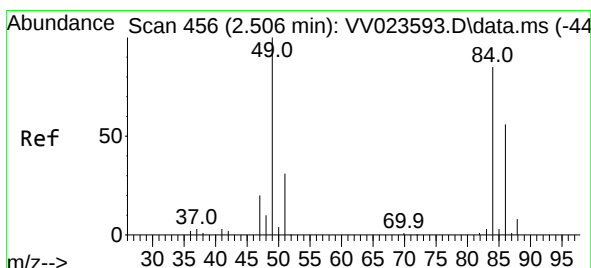
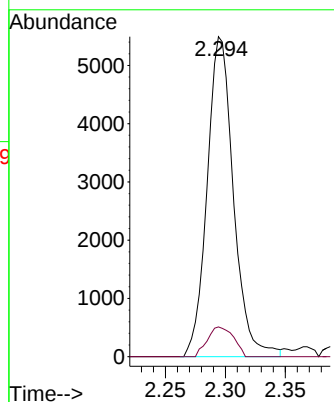
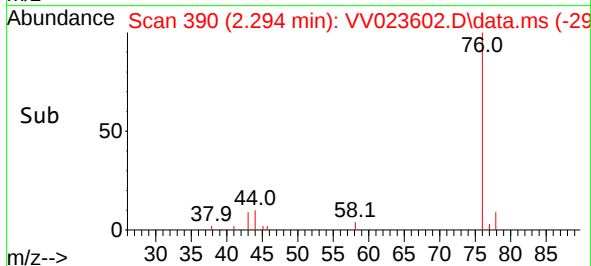


#14
Carbon disulfide
Concen: 0.320 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV023602.D
Acq: 18 Nov 2021 14:24

Instrument :
MSVOA_V
ClientSampleId :

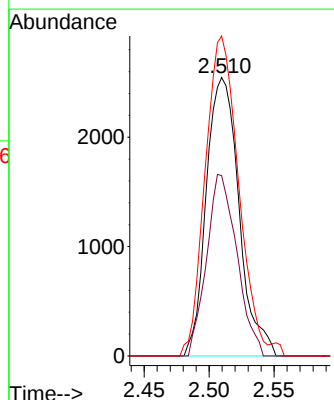
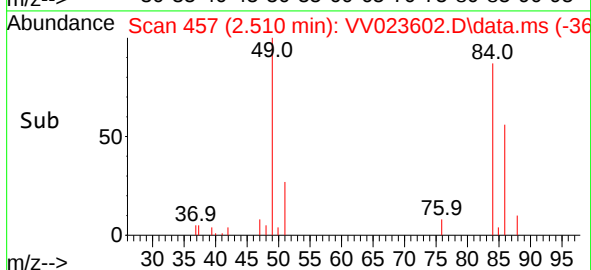
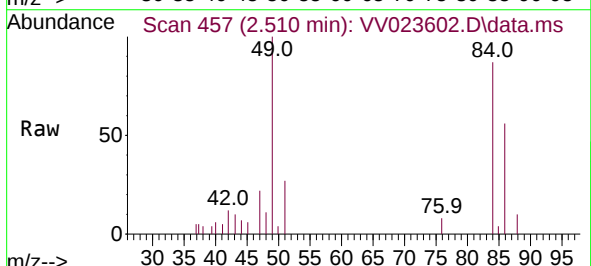


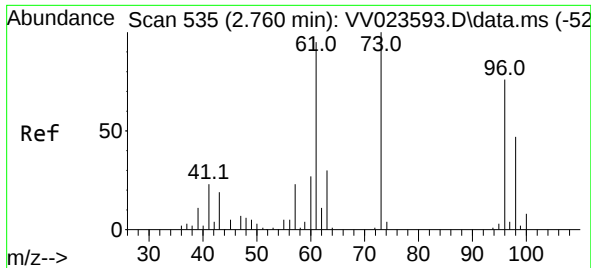
Tgt Ion: 76 Resp: 8400
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#16
Methylene chloride
Concen: 0.439 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023602.D
Acq: 18 Nov 2021 14:24

Tgt Ion: 84 Resp: 4456
Ion Ratio Lower Upper
84 100
86 64.8 42.3 78.5
49 114.9 79.7 148.1

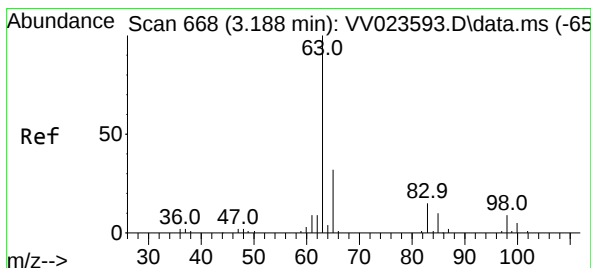
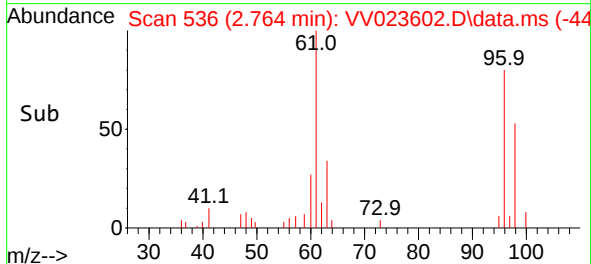
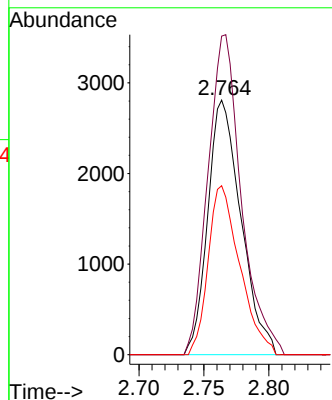
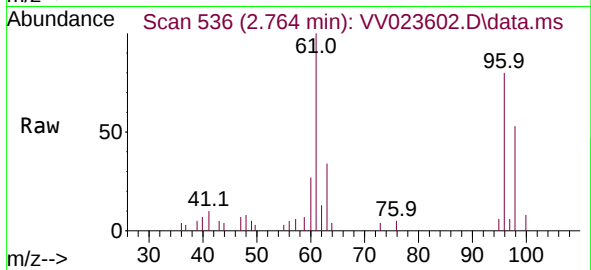




#18
trans-1,2-Dichloroethene
Concen: 0.584 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023602.D
Acq: 18 Nov 2021 14:24

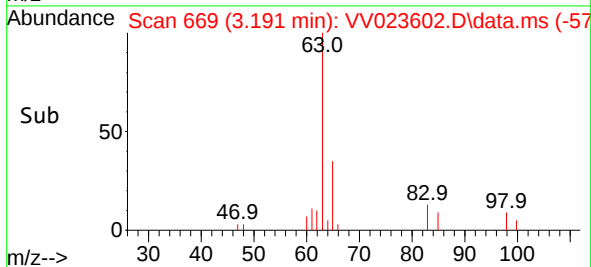
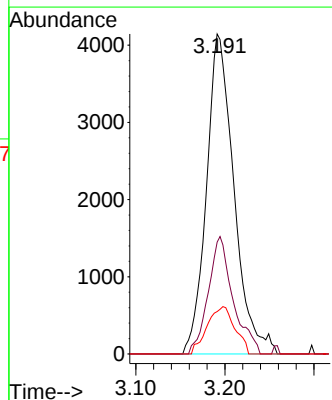
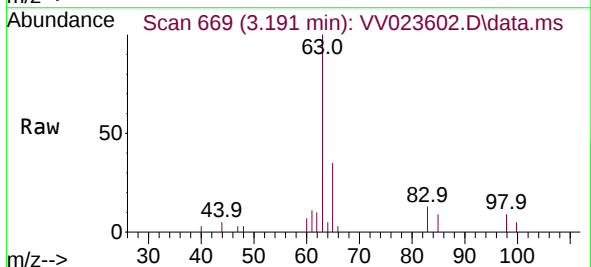
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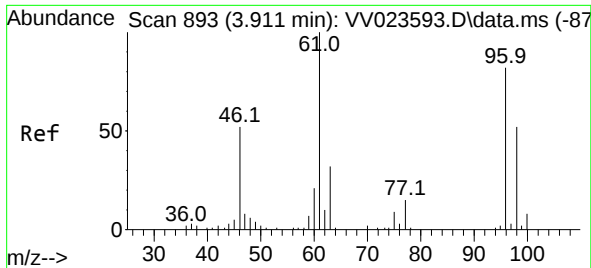
Tgt Ion: 96 Resp: 4993
Ion Ratio Lower Upper
96 100
61 125.1 93.2 173.2
98 66.4 47.0 87.2



#19
1,1-Dichloroethane
Concen: 0.615 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV023602.D
Acq: 18 Nov 2021 14:24

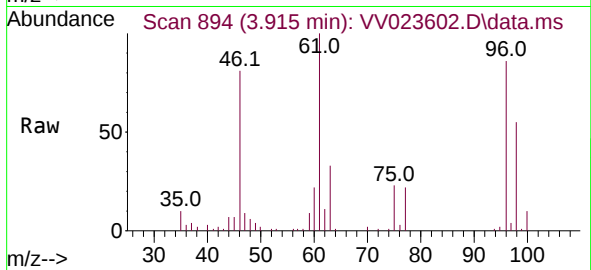
Tgt Ion: 63 Resp: 8889
Ion Ratio Lower Upper
63 100
65 34.9 22.6 42.0
83 13.2 11.1 20.7



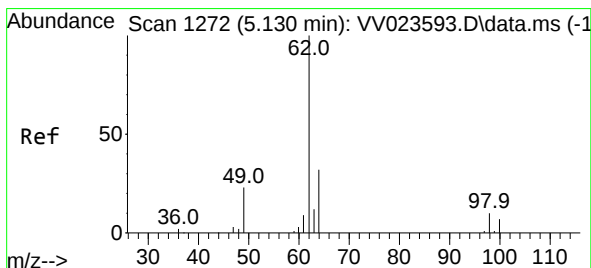
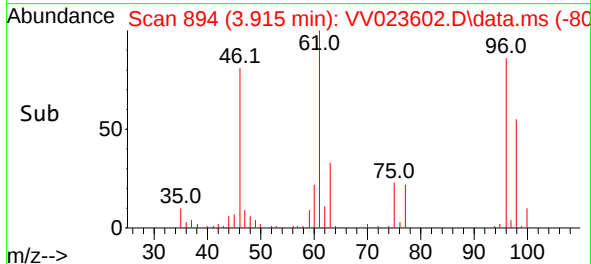
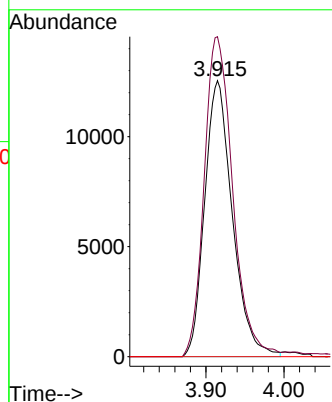


#22
 cis-1,2-Dichloroethene
 Concen: 3.773 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.003 min
 Lab File: VV023602.D
 Acq: 18 Nov 2021 14:24

Instrument :
 MSVOA_V
 ClientSampleId :

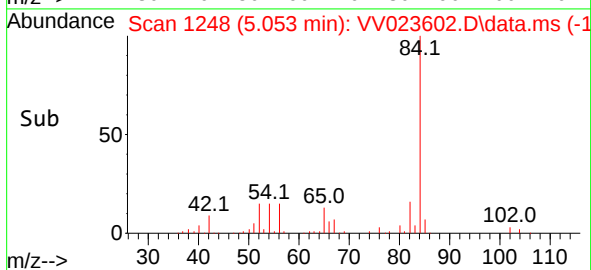
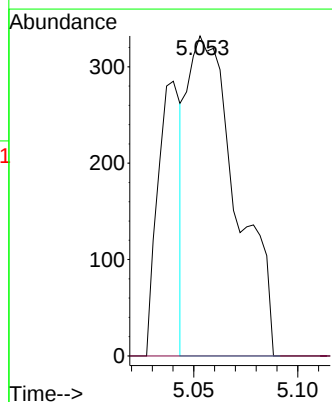
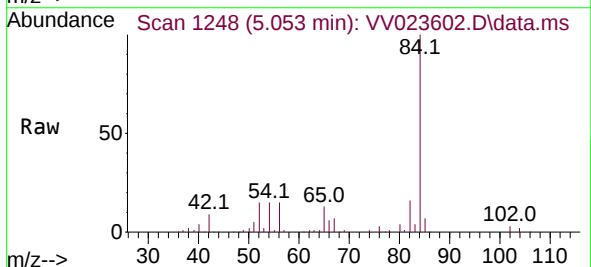


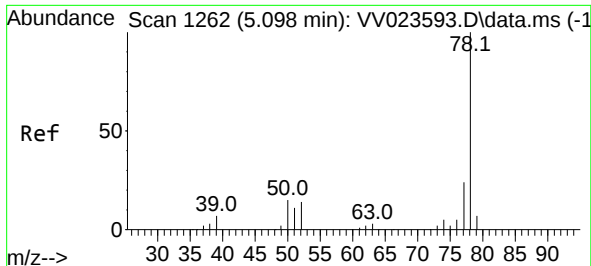
Tgt Ion: 96 Resp: 31062
 Ion Ratio Lower Upper
 96 100
 61 116.0 92.3 171.3
 68 0.0 0.4 0.8#



#27
 1,2-Dichloroethane
 Concen: 0.067 ug/L
 RT: 5.053 min Scan# 1248
 Delta R.T. -0.077 min
 Lab File: VV023602.D
 Acq: 18 Nov 2021 14:24

Tgt Ion: 62 Resp: 550
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.4#

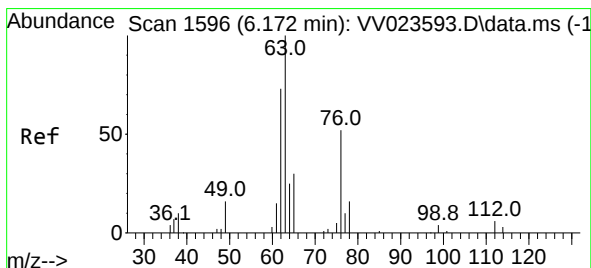
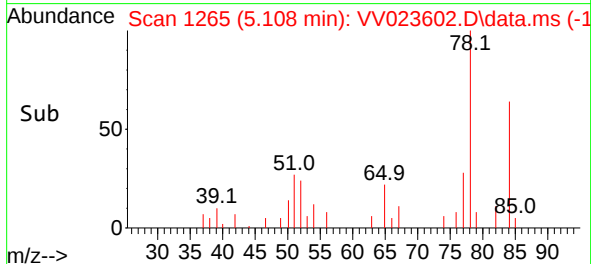
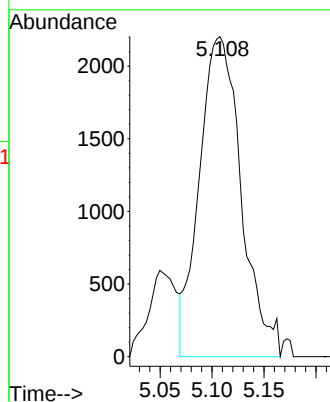
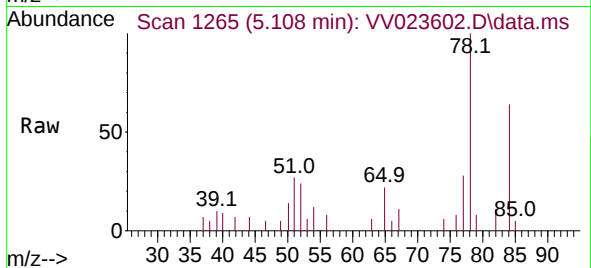




#33
Benzene
Concen: 0.190 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV023602.D
Acq: 18 Nov 2021 14:24

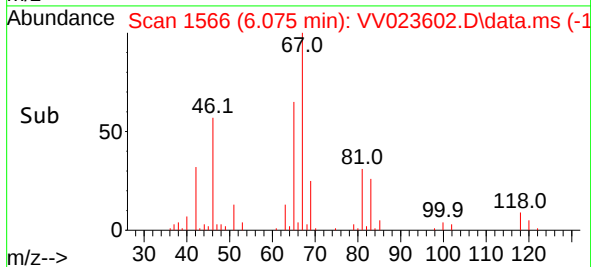
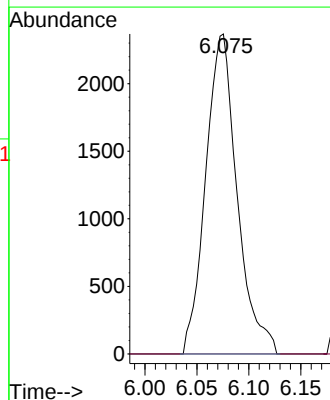
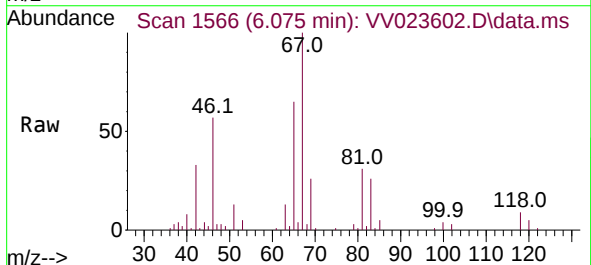
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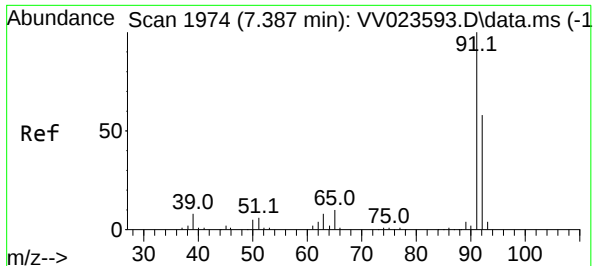
Tgt Ion: 78 Resp: 6166



#37
1,2-Dichloropropane
Concen: 0.659 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.096 min
Lab File: VV023602.D
Acq: 18 Nov 2021 14:24

Tgt Ion: 63 Resp: 4987
Ion Ratio Lower Upper
63 100
112 1.9 4.6 6.8#

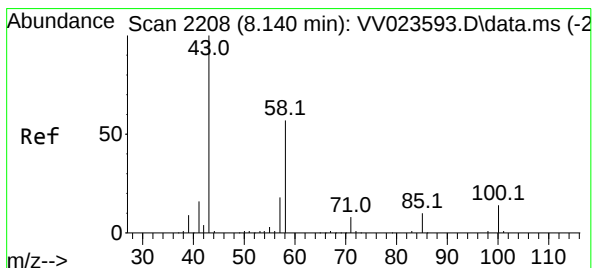
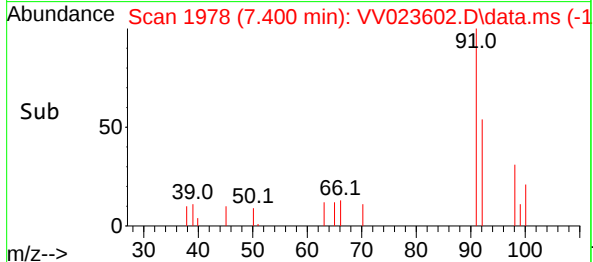
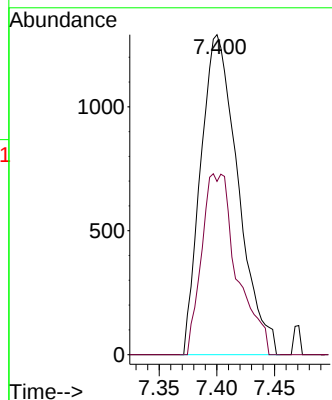
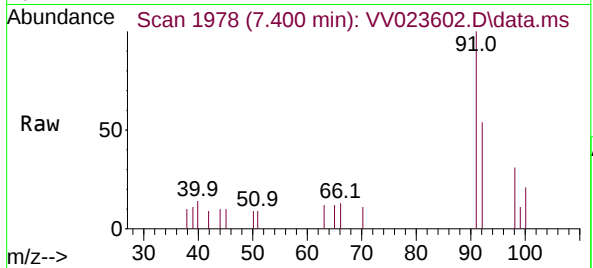




#42
Toluene
Concen: 0.084 ug/L
RT: 7.400 min Scan# 1974
Delta R.T. 0.013 min
Lab File: VV023602.D
Acq: 18 Nov 2021 14:24

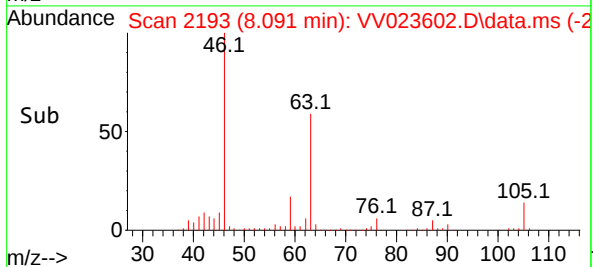
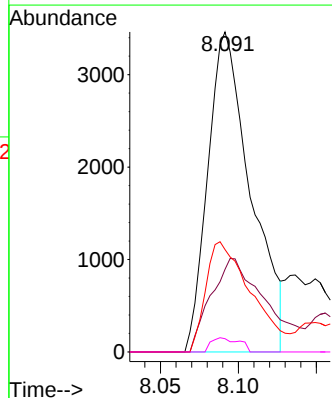
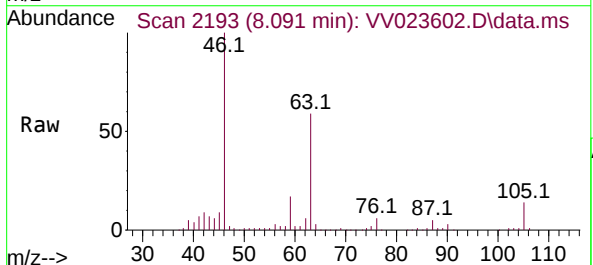
Instrument :
MSVOA_V
ClientSampleId :

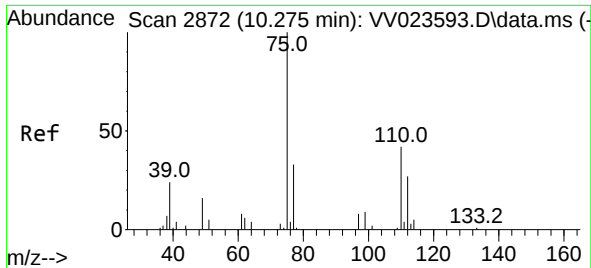
Tgt Ion: 91 Resp: 2899
Ion Ratio Lower Upper
91 100
92 54.1 39.3 72.9



#48
2-Hexanone
Concen: 2.698 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV023602.D
Acq: 18 Nov 2021 14:24

Tgt Ion: 43 Resp: 6636
Ion Ratio Lower Upper
43 100
58 37.7 43.7 65.5#
57 36.8 14.1 21.1#
100 2.9 10.2 15.2#





#61

1,2,3-Trichloropropane

Concen: 1.648 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

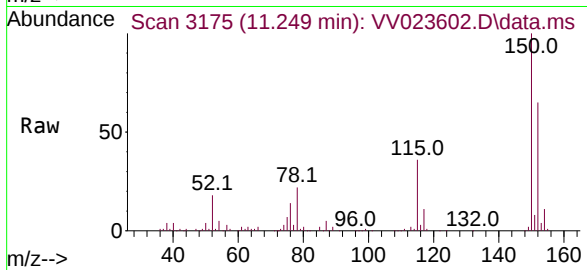
Lab File: VV023602.D

Acq: 18 Nov 2021 14:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 6122

Ion Ratio Lower Upper

75 100

77 36.4 26.6 39.8

110 1.9 31.8 47.6#

