

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081222\
 Data File : VV027340.D
 Acq On : 12 Aug 2022 20:50
 Operator : SY/MD
 Sample : N4133-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 04:16:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 02:46:03 2022
 Response via : Initial Calibration

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

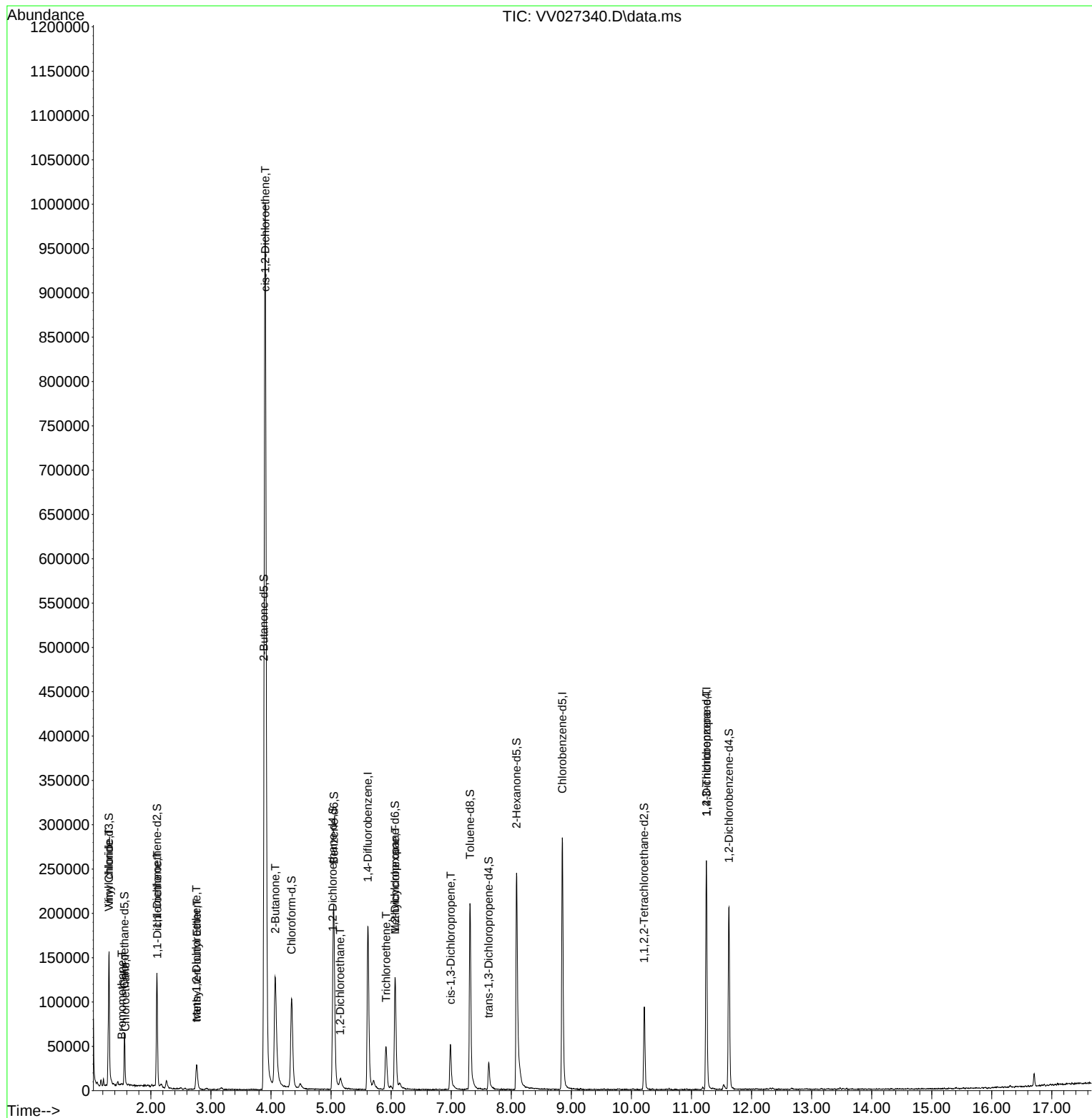
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	152779	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	161158	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65920	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	50178	3.780	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.561	69	36580	3.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.101	63	65875	2.737	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.800%#
20) 2-Butanone-d5	3.883	46	138477	61.602	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.200%
24) Chloroform-d	4.342	84	104102	4.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.027	65	50627	4.365	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.047	84	179545	3.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.600%
36) 1,2-Dichloropropane-d6	6.066	67	59875	4.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.313	98	144979	3.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.600%#
43) trans-1,3-Dichloroprop...	7.625	79	19762	3.881	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.088	63	82922	42.083	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.160%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	45152	4.246	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	52970	4.656	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.304	62	52972	3.127	ug/L	96
6) Bromomethane	1.516	94	397	0.050	ug/L	92
8) Chloroethane	1.577	64	856	0.091	ug/L	95
12) 1,1-Dichloroethene	2.108	96	1736	0.158	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	14188	0.552	ug/L #	94
18) trans-1,2-Dichloroethene	2.757	96	5191	0.384	ug/L	92
21) 2-Butanone	4.072	43	132060	58.385	ug/L #	50
22) cis-1,2-Dichloroethene	3.905	96	522000	39.227	ug/L	100
27) 1,2-Dichloroethane	5.149	62	2214	0.146	ug/L #	85
34) Trichloroethene	5.915	95	17859	1.303	ug/L	98
35) Methylcyclohexane	6.069	83	15239	0.807	ug/L #	16
39) cis-1,3-Dichloropropene	6.992	75	1426	0.086	ug/L #	71
61) 1,2,3-Trichloropropane	11.249	75	8221	1.295	ug/L #	64

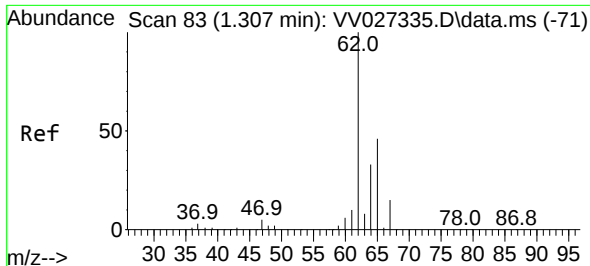
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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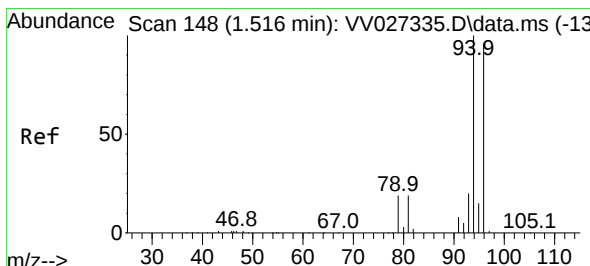
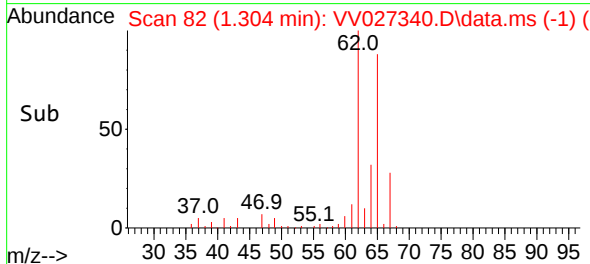
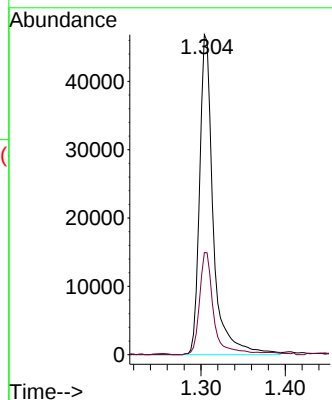
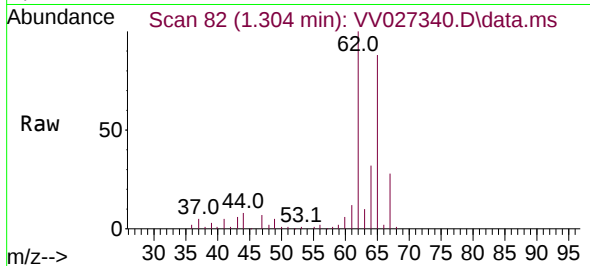




#5
 Vinyl chloride
 Concen: 3.127 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV027340.D
 Acq: 12 Aug 2022 20:50

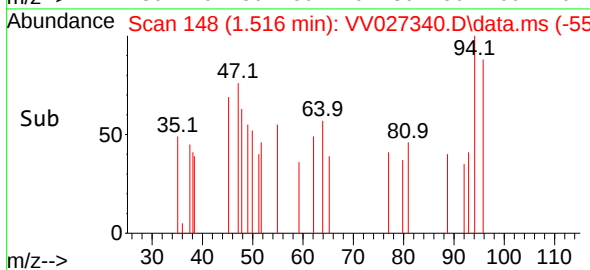
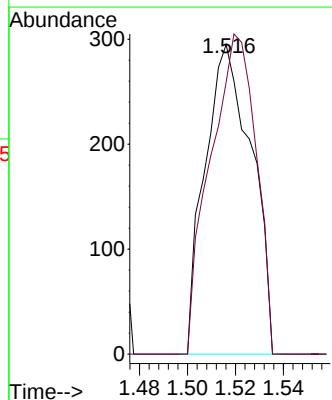
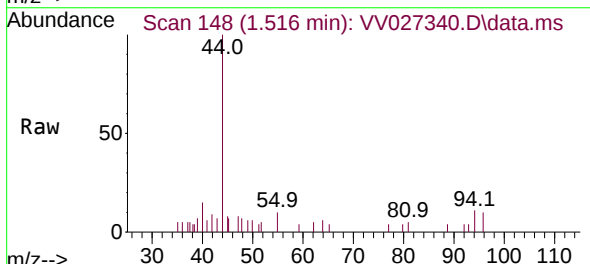
Instrument :
 MSVOA_V
 ClientSampleId :

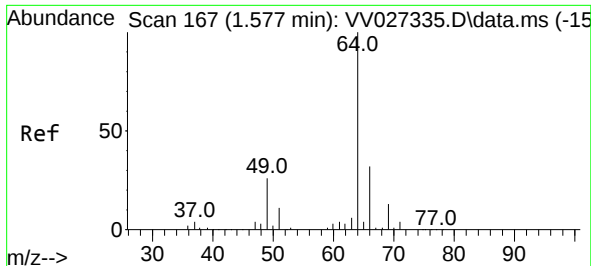
Tgt Ion: 62 Resp: 52972
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.7 44.1



#6
 Bromomethane
 Concen: 0.050 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV027340.D
 Acq: 12 Aug 2022 20:50

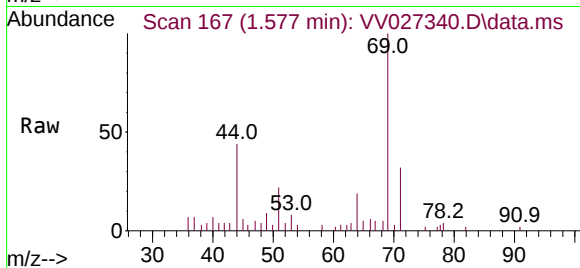
Tgt Ion: 94 Resp: 397
 Ion Ratio Lower Upper
 94 100
 96 87.8 67.2 124.8



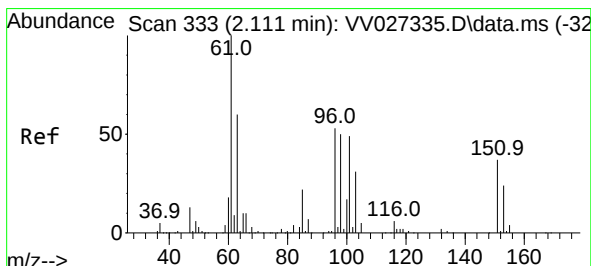
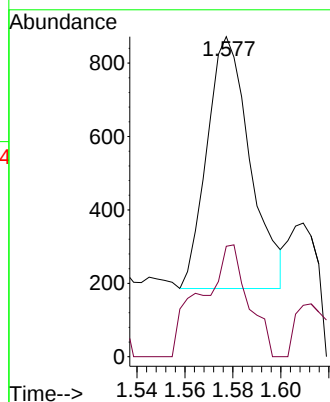
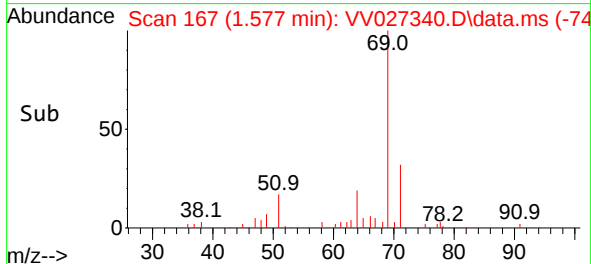


#8
Chloroethane
Concen: 0.091 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV027340.D
Acq: 12 Aug 2022 20:50

Instrument :
MSVOA_V
ClientSampleId :

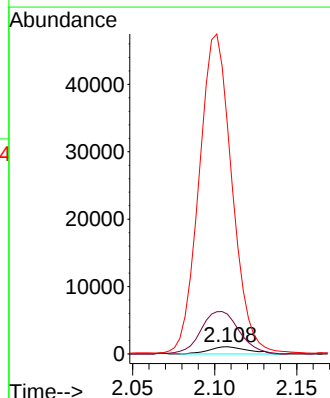
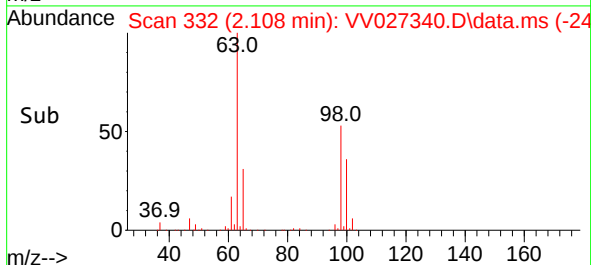
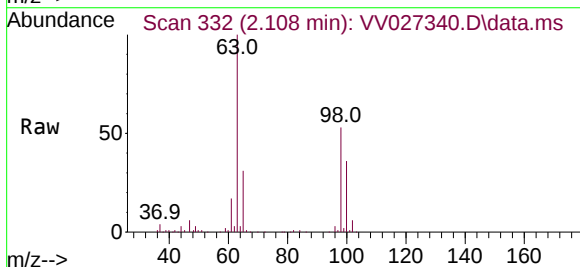


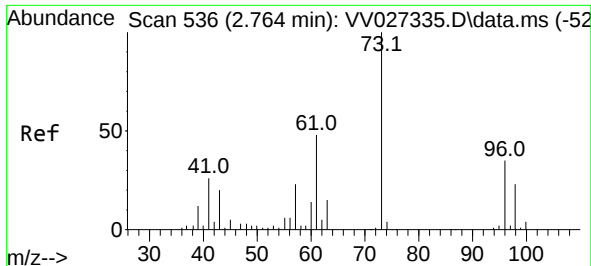
Tgt Ion: 64 Resp: 856
Ion Ratio Lower Upper
64 100
66 34.5 22.3 41.5



#12
1,1-Dichloroethene
Concen: 0.158 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.003 min
Lab File: VV027340.D
Acq: 12 Aug 2022 20:50

Tgt Ion: 96 Resp: 1736
Ion Ratio Lower Upper
96 100
61 555.5 130.7 242.7#
63 3197.7 101.4 188.2#

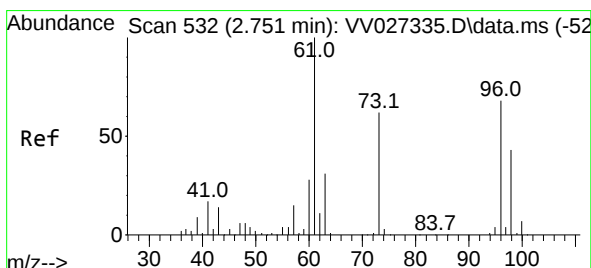
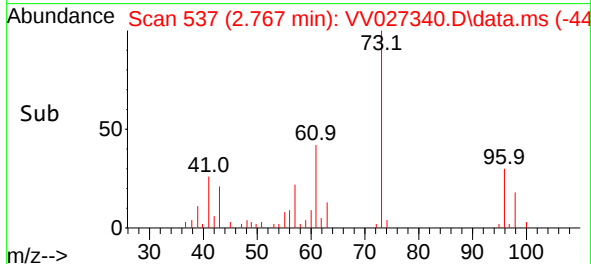
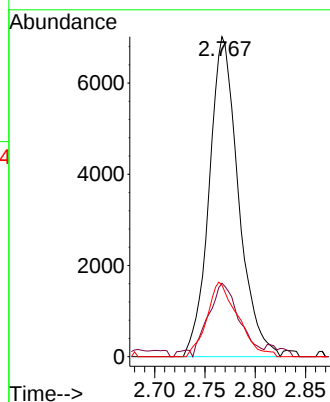
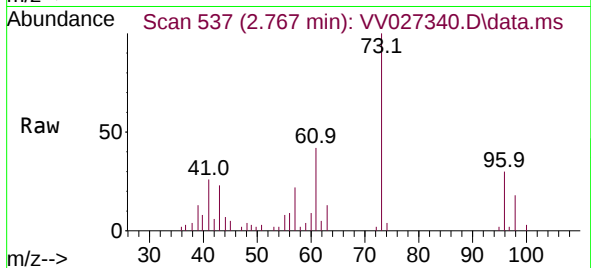




#17
Methyl tert-butyl Ether
Concen: 0.552 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027340.D
Acq: 12 Aug 2022 20:50

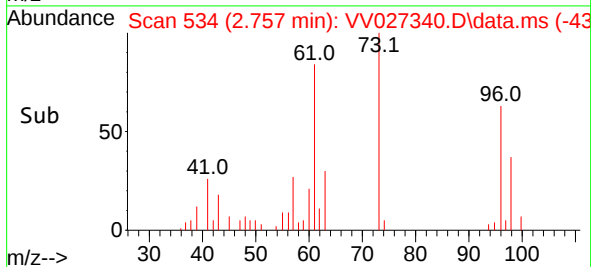
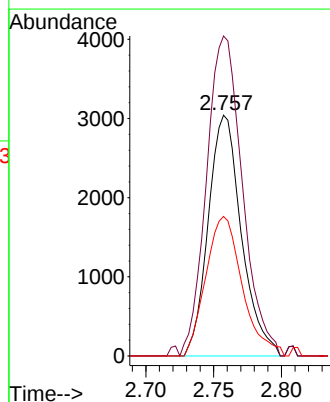
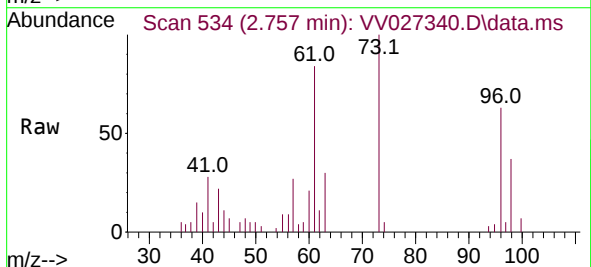
Instrument :
MSVOA_V
ClientSampleId :

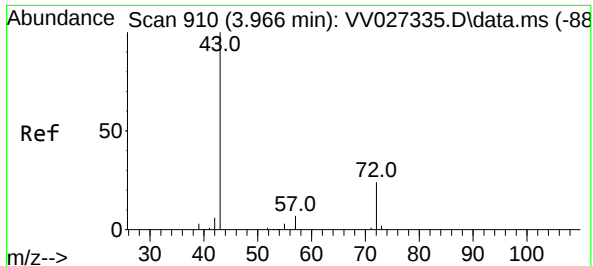
Tgt Ion: 73 Resp: 14188
Ion Ratio Lower Upper
73 100
43 24.1 15.8 23.8#
57 24.7 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 0.384 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV027340.D
Acq: 12 Aug 2022 20:50

Tgt Ion: 96 Resp: 5191
Ion Ratio Lower Upper
96 100
61 132.9 99.6 185.0
98 57.9 45.1 83.7





#21

2-Butanone

Concen: 58.385 ug/L

RT: 4.072 min Scan# 943

Delta R.T. 0.106 min

Lab File: VV027340.D

Acq: 12 Aug 2022 20:50

Instrument :

MSVOA_V

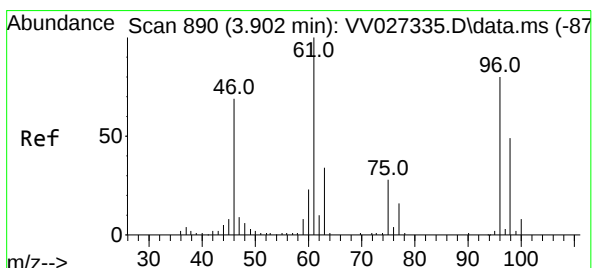
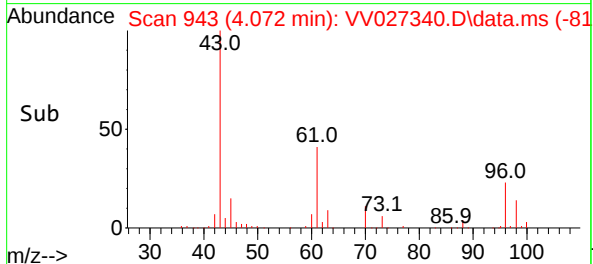
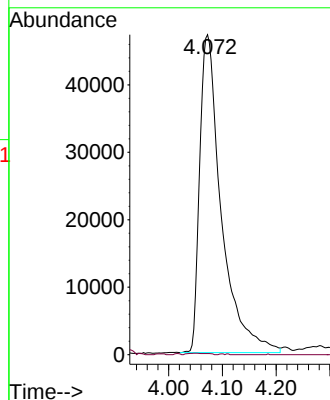
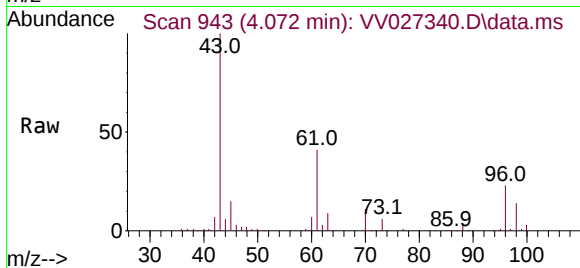
ClientSampleId :

Tgt Ion: 43 Resp: 132060

Ion Ratio Lower Upper

43 100

72 0.3 12.9 38.6#



#22

cis-1,2-Dichloroethene

Concen: 39.227 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV027340.D

Acq: 12 Aug 2022 20:50

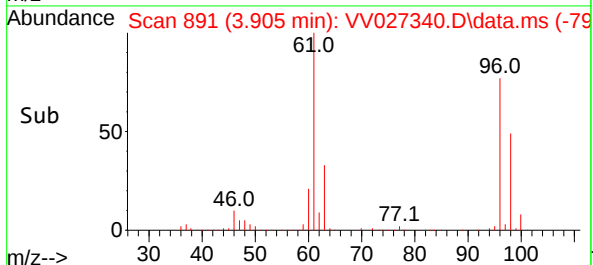
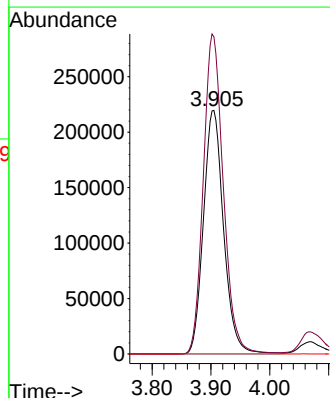
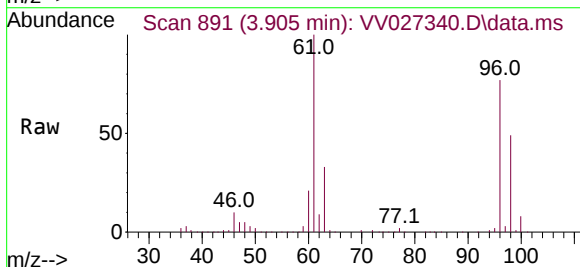
Tgt Ion: 96 Resp: 522000

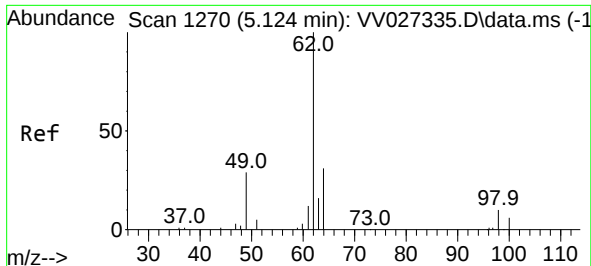
Ion Ratio Lower Upper

96 100

61 130.2 91.3 169.5

68 0.0 0.0 0.0

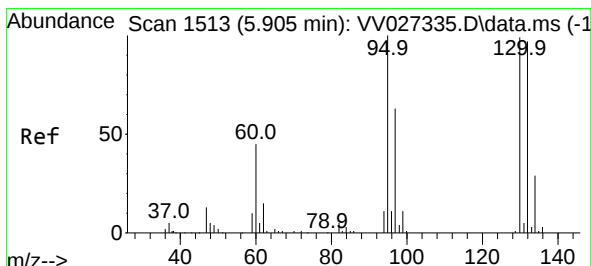
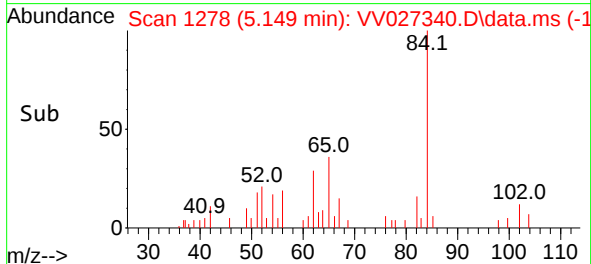
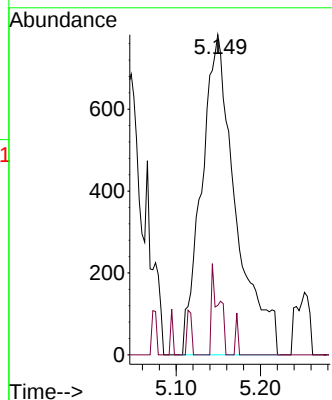
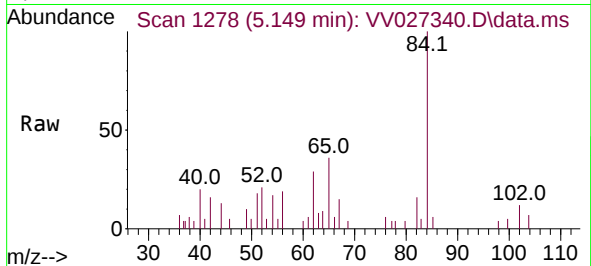




#27
1,2-Dichloroethane
Concen: 0.146 ug/L
RT: 5.149 min Scan# 11
Delta R.T. 0.026 min
Lab File: VV027340.D
Acq: 12 Aug 2022 20:50

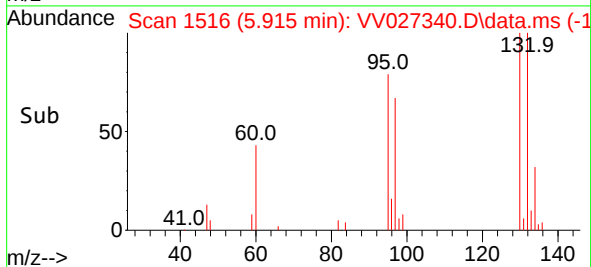
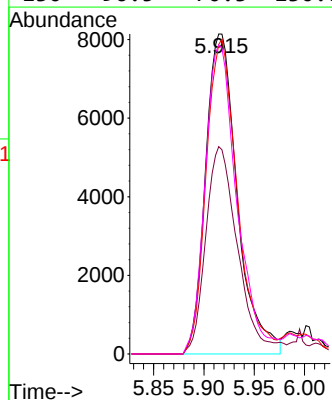
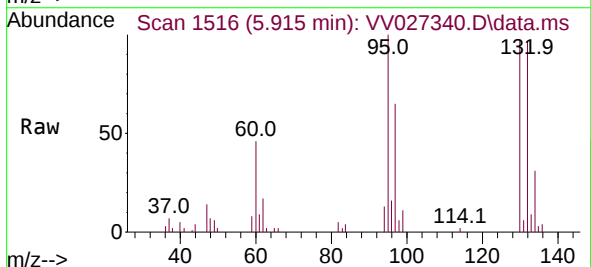
Instrument :
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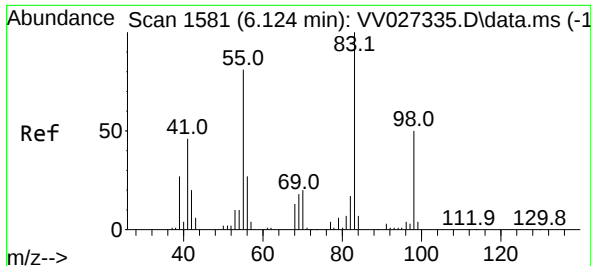
Tgt Ion: 62 Resp: 2214
Ion Ratio Lower Upper
62 100
98 15.5 7.8 11.8#



#34
Trichloroethene
Concen: 1.303 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.010 min
Lab File: VV027340.D
Acq: 12 Aug 2022 20:50

Tgt Ion: 95 Resp: 17859
Ion Ratio Lower Upper
95 100
97 64.8 45.5 84.5
132 96.7 68.2 126.6
130 96.5 70.3 130.7





#35

Methylcyclohexane

Concen: 0.807 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.055 min

Lab File: VV027340.D

Acq: 12 Aug 2022 20:50

Instrument :

MSVOA_V

ClientSampleId :

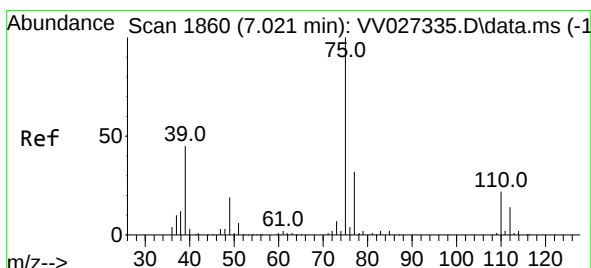
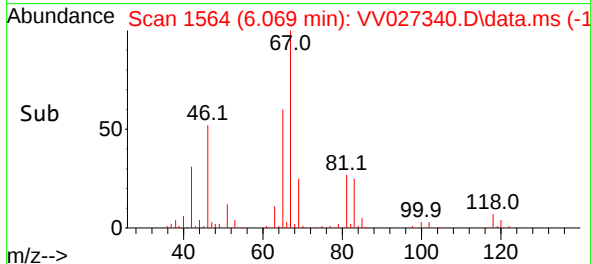
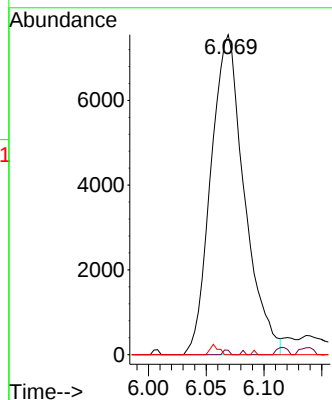
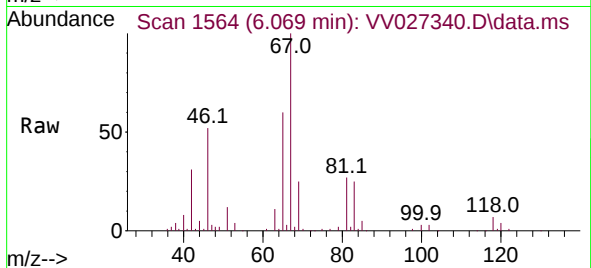
Tgt Ion: 83 Resp: 15239

Ion Ratio Lower Upper

83 100

55 0.3 67.0 100.6#

98 0.8 38.7 58.1#



#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.029 min

Lab File: VV027340.D

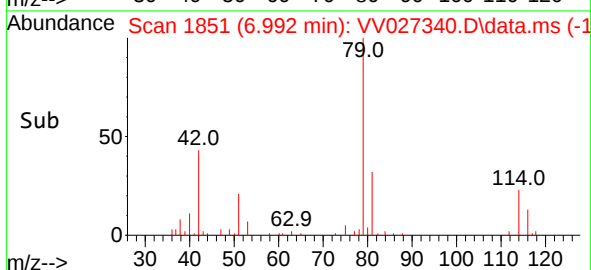
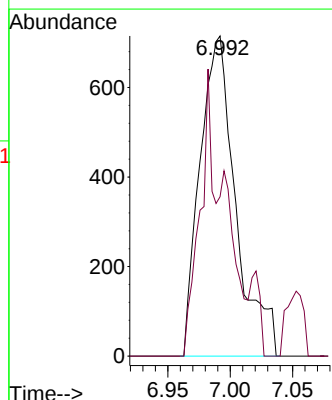
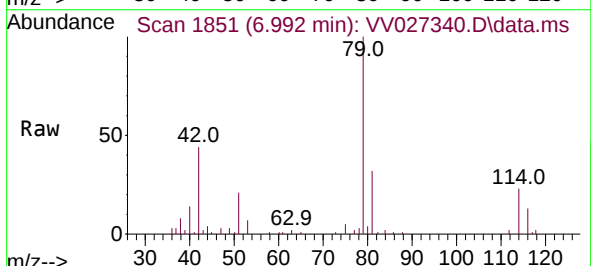
Acq: 12 Aug 2022 20:50

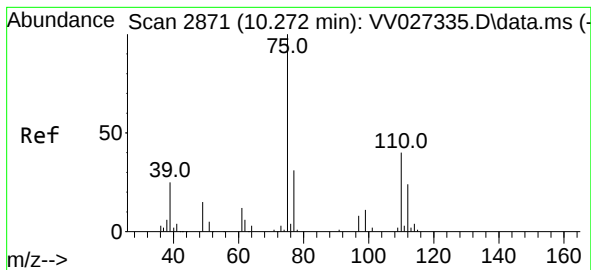
Tgt Ion: 75 Resp: 1426

Ion Ratio Lower Upper

75 100

77 49.8 23.2 43.0#





#61

1,2,3-Trichloropropane

Concen: 1.295 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

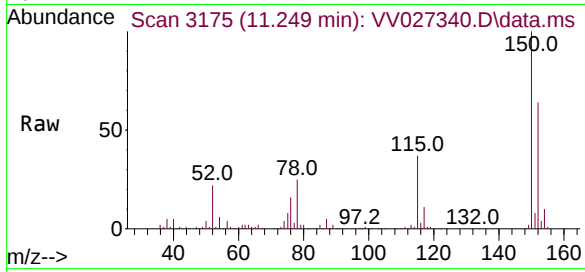
Lab File: VV027340.D

Acq: 12 Aug 2022 20:50

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 8221

Ion Ratio Lower Upper

75 100

77 37.5 26.6 39.8

110 2.5 31.0 46.6#

