

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082522\
 Data File : VV027510.D
 Acq On : 25 Aug 2022 21:56
 Operator : SY/MD
 Sample : N4367-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 26 02:02:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 26 01:50:00 2022
 Response via : Initial Calibration

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

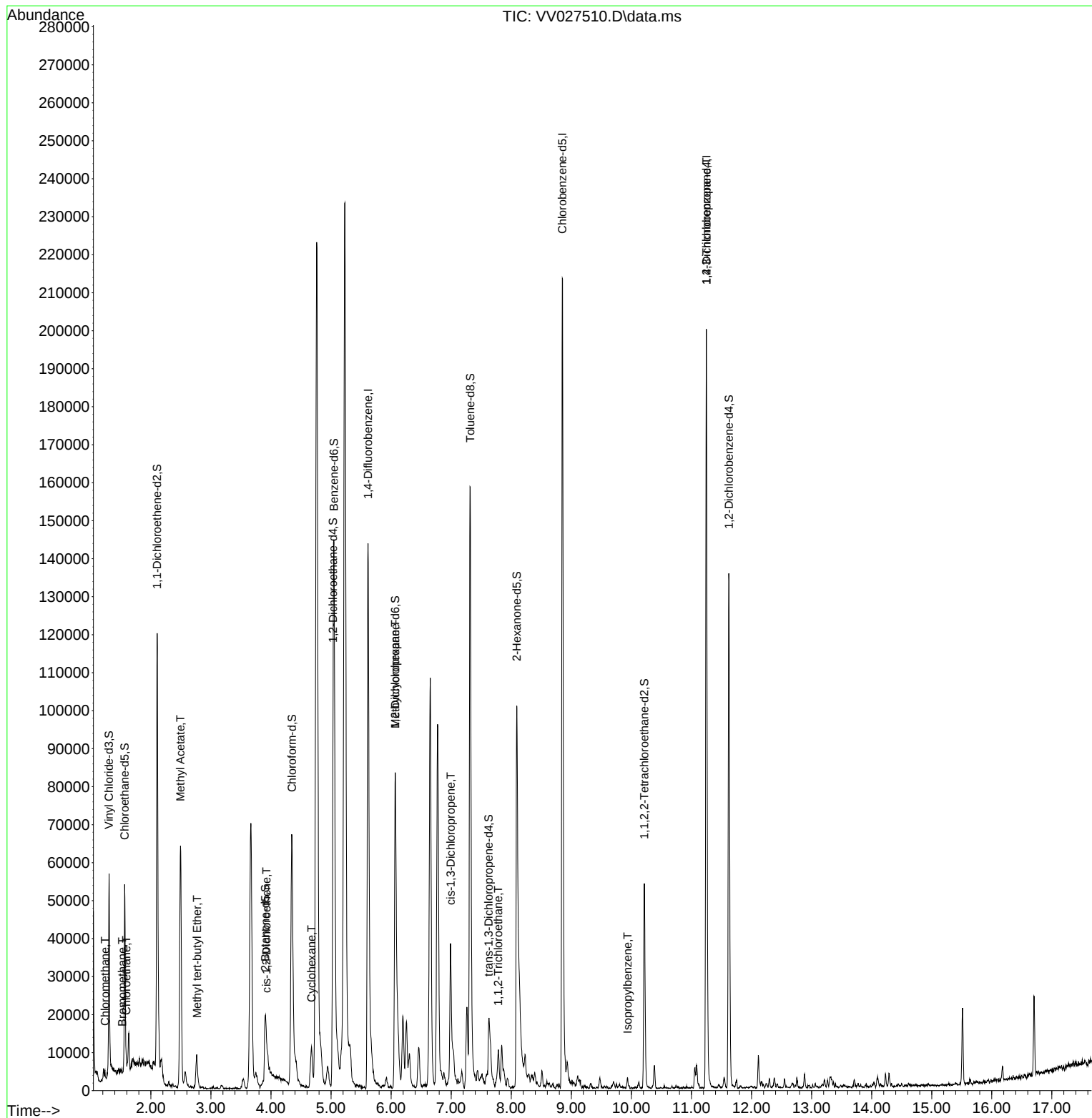
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	130663	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	120798	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52759	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33886	3.644	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.564	69	30683	4.508	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.105	63	59387	2.739	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.800%#
20) 2-Butanone-d5	3.905	46	31797	27.475	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	54.960%
24) Chloroform-d	4.349	84	70507	3.792	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
26) 1,2-Dichloroethane-d4	5.034	65	33261	4.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	5.050	84	137082	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.069	67	41354	4.251	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.317	98	111713	3.698	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	7.625	79	12382	3.717	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.091	63	44608	40.686	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.380%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26461	4.271	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	35699	4.565	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	1212	0.100	ug/L	88
6) Bromomethane	1.523	94	296	0.049	ug/L	97
8) Chloroethane	1.593	64	751	0.105	ug/L #	41
15) Methyl Acetate	2.494	43	35823	11.704	ug/L #	56
17) Methyl tert-butyl Ether	2.770	73	3827	0.187	ug/L #	1
22) cis-1,2-Dichloroethene	3.924	96	339	0.031	ug/L	82
30) Cyclohexane	4.674	56	4507	0.317	ug/L	87
35) Methylcyclohexane	6.069	83	13234	0.890	ug/L #	15
39) cis-1,3-Dichloropropene	6.992	75	955	0.074	ug/L #	39
45) 1,1,2-Trichloroethane	7.783	97	2942	0.430	ug/L #	19
60) Isopropylbenzene	9.937	105	1814	0.052	ug/L #	89
61) 1,2,3-Trichloropropane	11.249	75	6273	1.355	ug/L #	66

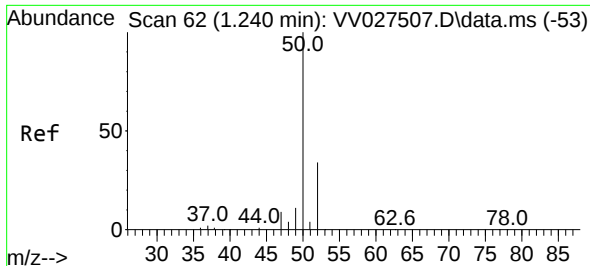
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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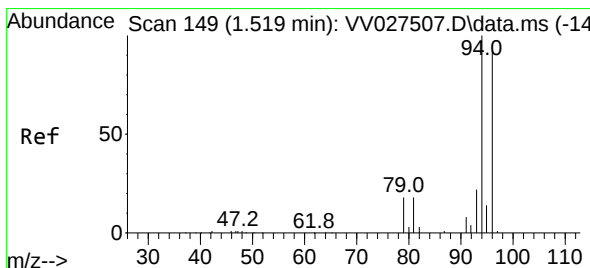
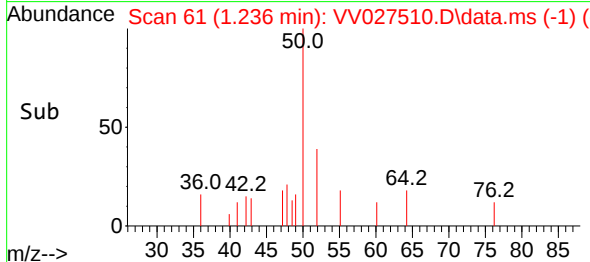
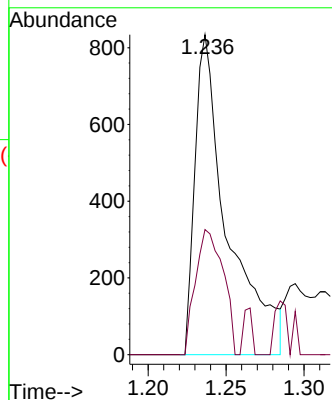
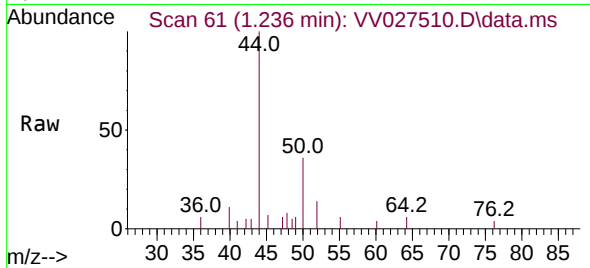




#3
Chloromethane
Concen: 0.100 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV027510.D
Acq: 25 Aug 2022 21:56

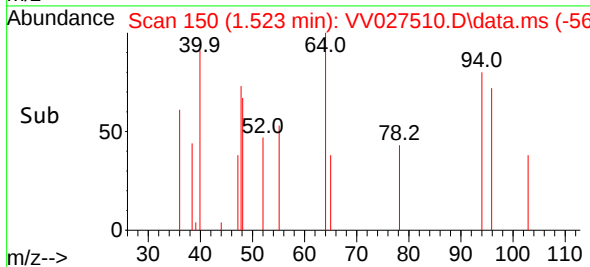
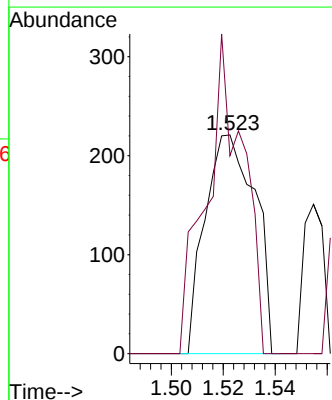
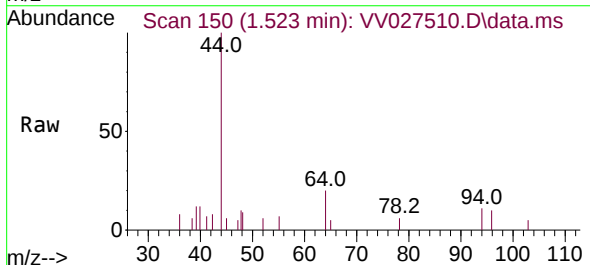
Instrument :
MSVOA_V
ClientSampleId :

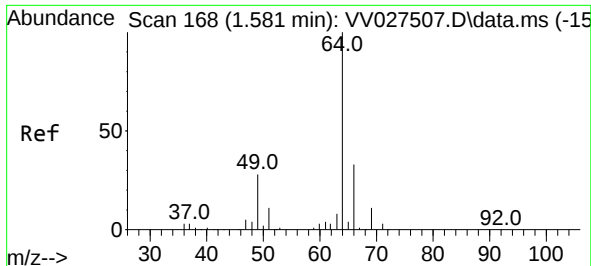
Tgt Ion: 50 Resp: 1212
Ion Ratio Lower Upper
50 100
52 39.1 22.8 42.4



#6
Bromomethane
Concen: 0.049 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV027510.D
Acq: 25 Aug 2022 21:56

Tgt Ion: 94 Resp: 296
Ion Ratio Lower Upper
94 100
96 90.5 65.2 121.0

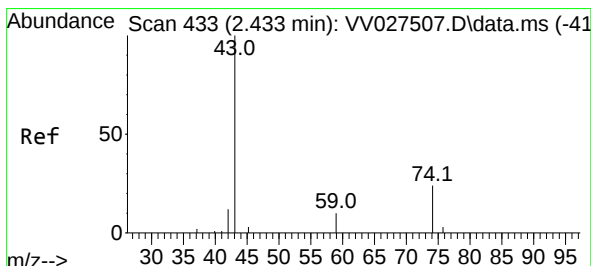
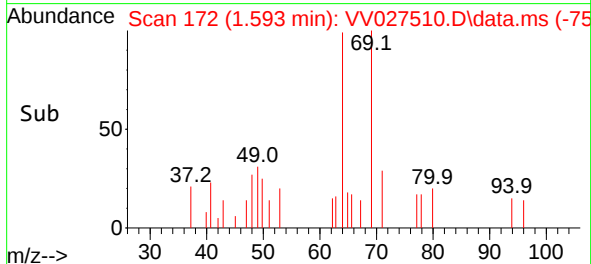
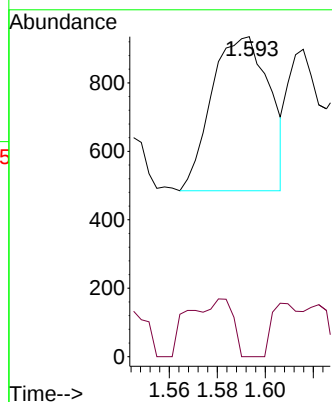
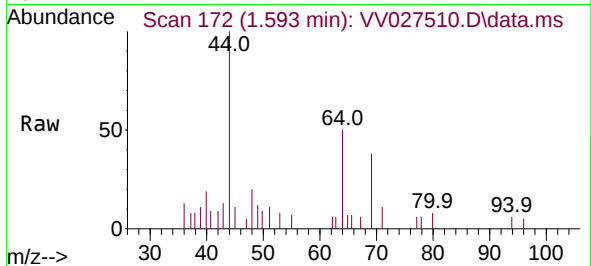




#8
Chloroethane
Concen: 0.105 ug/L
RT: 1.593 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV027510.D
Acq: 25 Aug 2022 21:56

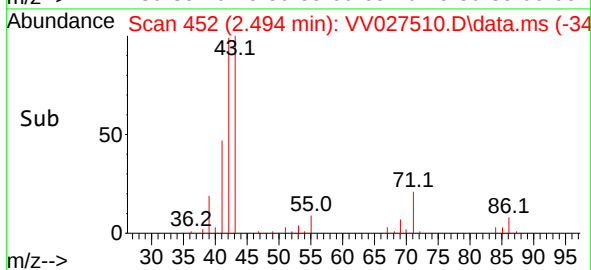
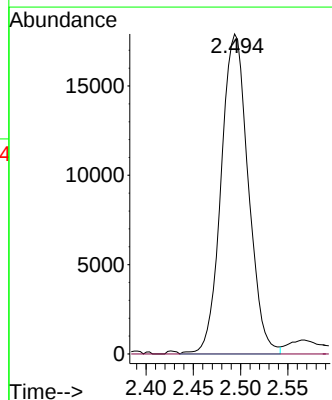
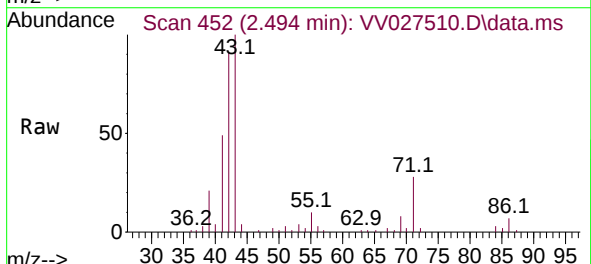
Instrument :
MSVOA_V
ClientSampleId :

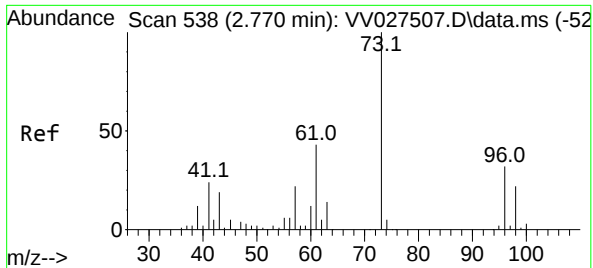
Tgt Ion: 64 Resp: 751
Ion Ratio Lower Upper
64 100
66 0.0 23.3 43.3#



#15
Methyl Acetate
Concen: 11.704 ug/L
RT: 2.494 min Scan# 452
Delta R.T. 0.061 min
Lab File: VV027510.D
Acq: 25 Aug 2022 21:56

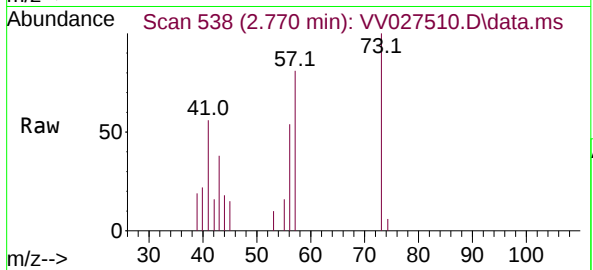
Tgt Ion: 43 Resp: 35823
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



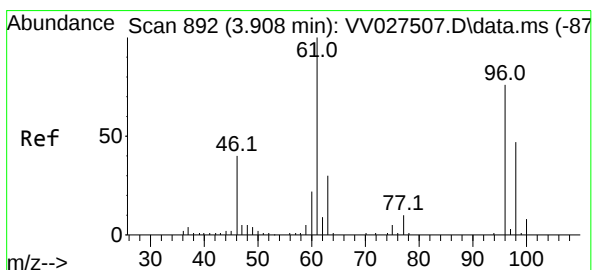
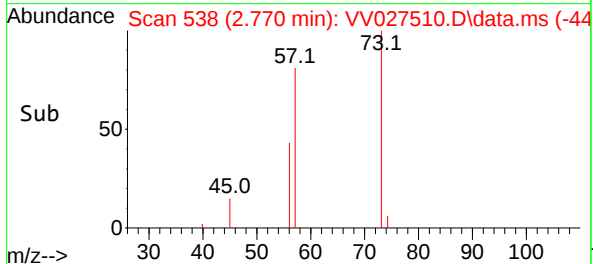
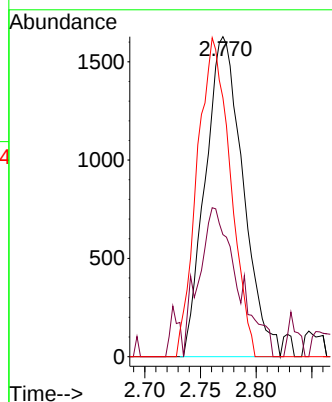


#17
Methyl tert-butyl Ether
Concen: 0.187 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV027510.D
Acq: 25 Aug 2022 21:56

Instrument :
MSVOA_V
ClientSampleId :

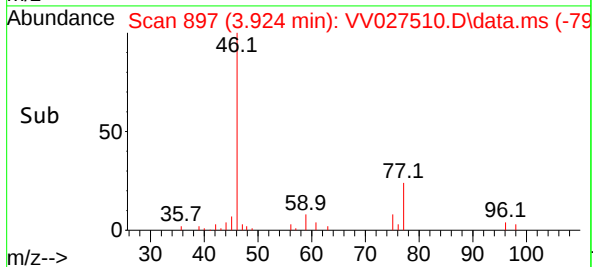
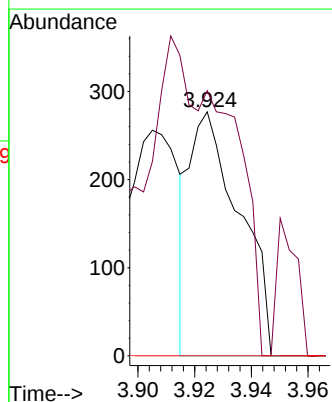
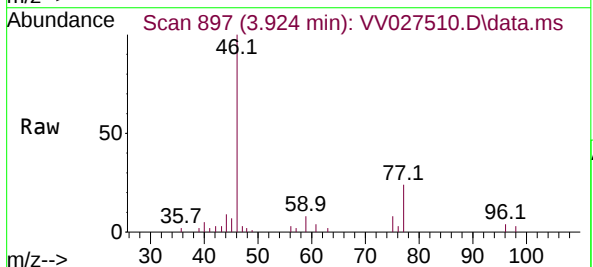


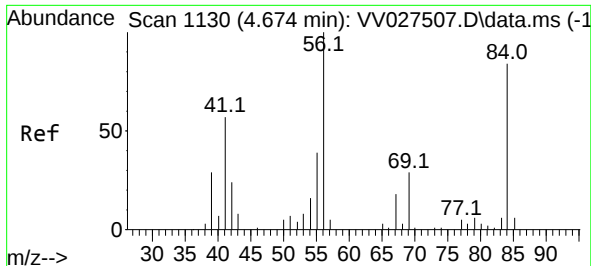
Tgt Ion: 73 Resp: 3827
Ion Ratio Lower Upper
73 100
43 48.6 15.6 23.4#
57 87.7 17.0 25.6#



#22
cis-1,2-Dichloroethene
Concen: 0.031 ug/L
RT: 3.924 min Scan# 897
Delta R.T. 0.016 min
Lab File: VV027510.D
Acq: 25 Aug 2022 21:56

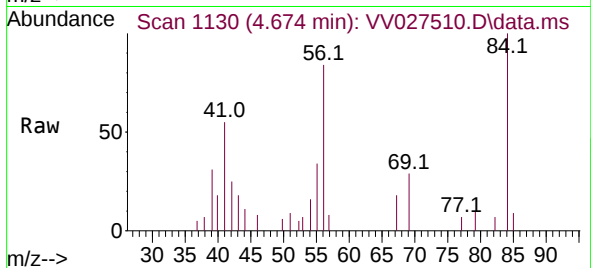
Tgt Ion: 96 Resp: 339
Ion Ratio Lower Upper
96 100
61 108.7 90.6 168.2
68 0.0 0.0 0.0



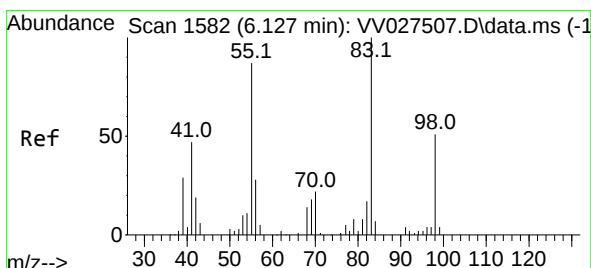
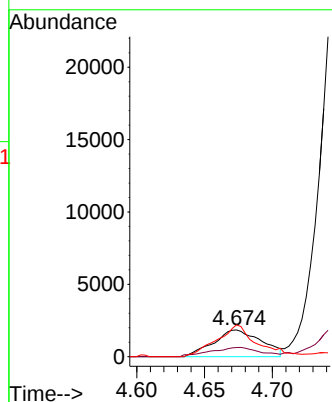
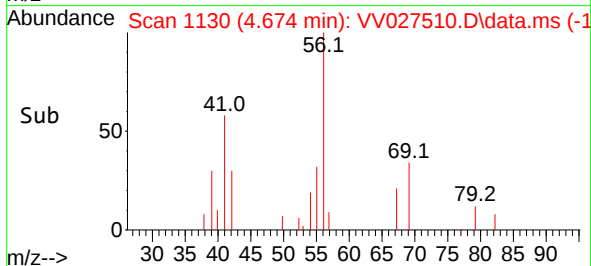


#30
Cyclohexane
Concen: 0.317 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VV027510.D
Acq: 25 Aug 2022 21:56

Instrument :
MSVOA_V
ClientSampleId :

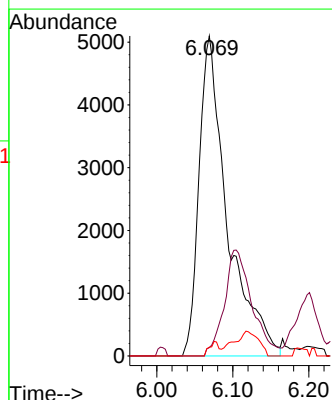
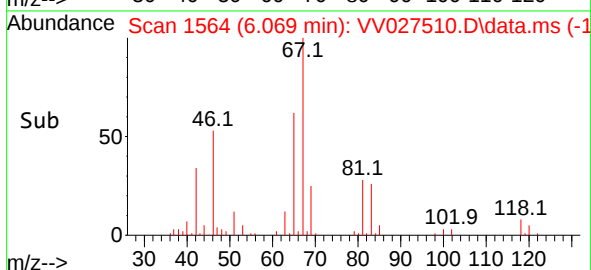
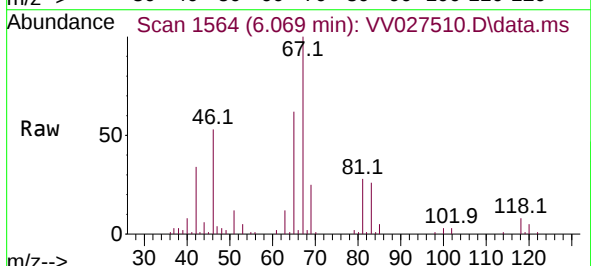


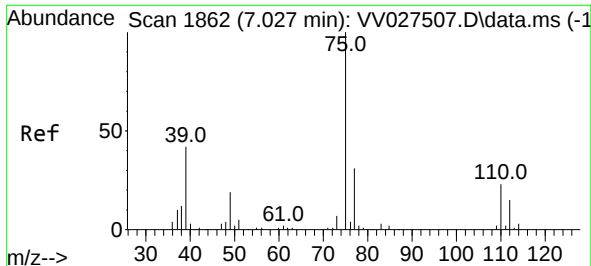
Tgt Ion:	56	Resp:	4507
Ion	Ratio	Lower	Upper
56	100		
69	35.9	25.4	38.0
84	100.4	69.7	104.5



#35
Methylcyclohexane
Concen: 0.890 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027510.D
Acq: 25 Aug 2022 21:56

Tgt Ion:	83	Resp:	13234
Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	1.6	39.0	58.4#





#39

cis-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV027510.D

Acq: 25 Aug 2022 21:56

Instrument :

MSVOA_V

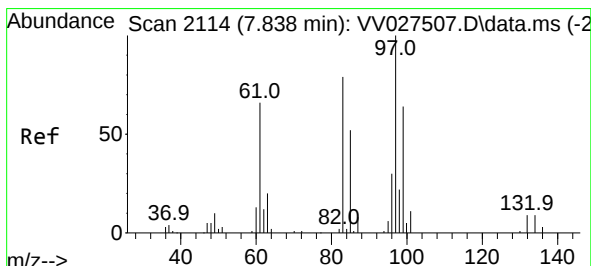
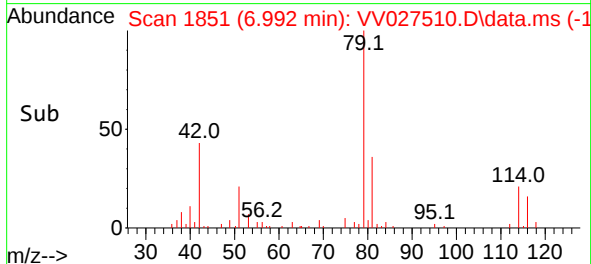
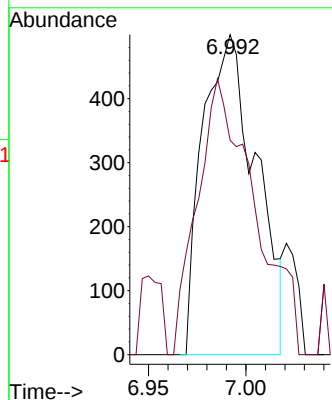
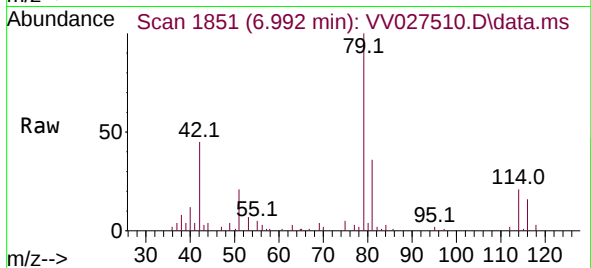
ClientSampleId :

Tgt Ion: 75 Resp: 955

Ion Ratio Lower Upper

75 100

77 67.0 22.9 42.5#



#45

1,1,2-Trichloroethane

Concen: 0.430 ug/L

RT: 7.783 min Scan# 2097

Delta R.T. -0.055 min

Lab File: VV027510.D

Acq: 25 Aug 2022 21:56

Tgt Ion: 97 Resp: 2942

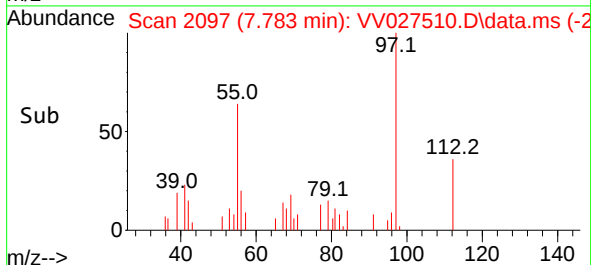
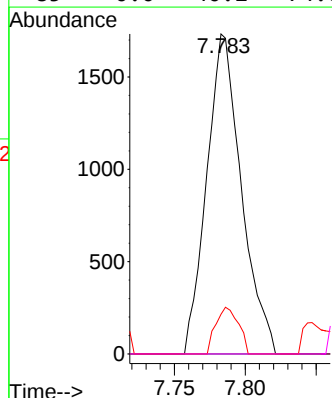
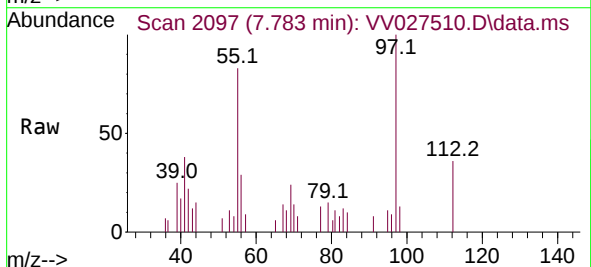
Ion Ratio Lower Upper

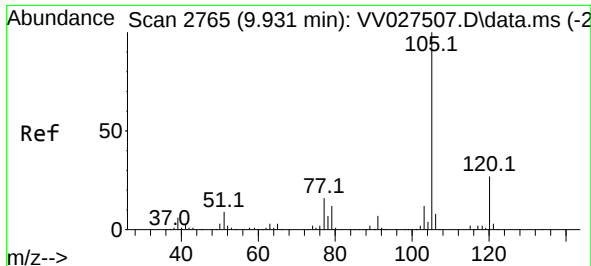
97 100

99 0.0 46.1 85.7#

83 12.4 63.0 117.0#

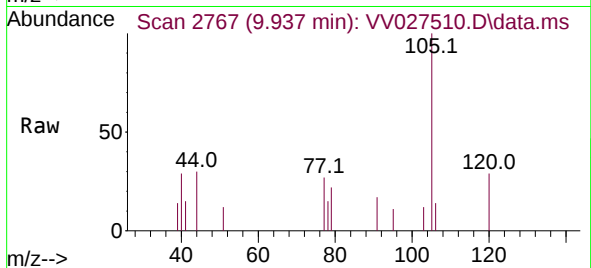
85 0.0 40.2 74.6#



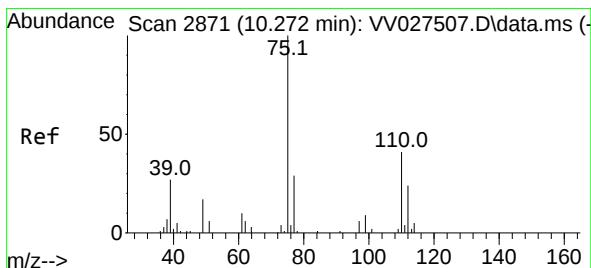
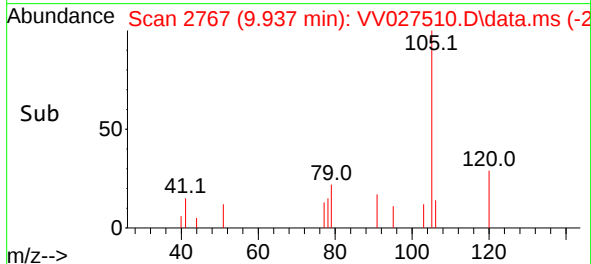
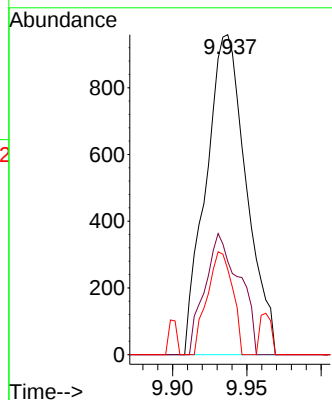


#60
Isopropylbenzene
Concen: 0.052 ug/L
RT: 9.937 min Scan# 21
Delta R.T. 0.006 min
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ClientSampleId :



Tgt Ion:105 Resp: 1814
Ion Ratio Lower Upper
105 100
120 32.2 20.9 31.3#
77 20.1 13.0 19.6#



#61
1,2,3-Trichloropropane
Concen: 1.355 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV027510.D
Acq: 25 Aug 2022 21:56

Tgt Ion: 75 Resp: 6273
Ion Ratio Lower Upper
75 100
77 34.0 26.2 39.2
110 0.7 29.9 44.9#

