

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092022\
 Data File : VV027976.D
 Acq On : 20 Sep 2022 20:53
 Operator : SY/MD
 Sample : N4619-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0E29

Quant Time: Sep 21 05:17:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 01:52:39 2022
 Response via : Initial Calibration

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

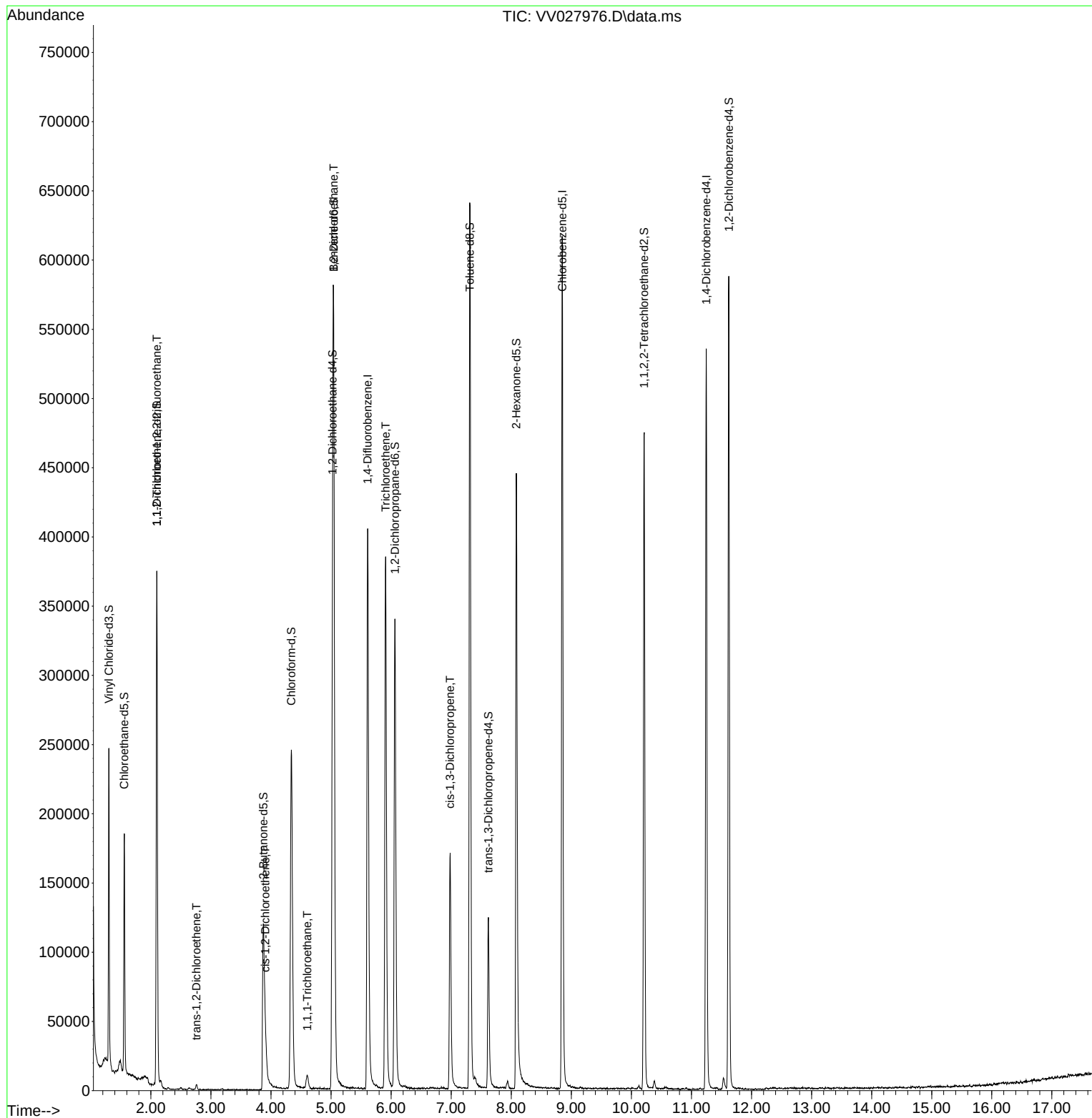
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	347128	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	337162	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	146021	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	140887	46.232	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.460%
7) Chloroethane-d5	1.558	69	115306	47.366	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.740%
11) 1,1-Dichloroethene-d2	2.098	63	194576	36.042	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.080%
21) 2-Butanone-d5	3.873	46	187597	103.524	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.520%
24) Chloroform-d	4.339	84	255490	49.936	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.880%
26) 1,2-Dichloroethane-d4	5.024	65	171613	51.758	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.520%
32) Benzene-d6	5.043	84	503975	51.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.720%
36) 1,2-Dichloropropane-d6	6.063	67	166787	55.580	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.160%
41) Toluene-d8	7.310	98	422498	47.476	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.960%
43) trans-1,3-Dichloroprop...	7.619	79	73323	48.862	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.720%
47) 2-Hexanone-d5	8.085	63	157545	107.167	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.170%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	230577	52.204	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	154161	54.386	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.780%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	1947	0.773	ug/L #	21
17) trans-1,2-Dichloroethene	2.757	96	1468	0.612	ug/L	91
20) cis-1,2-Dichloroethene	3.905	96	8982	3.360	ug/L	90
27) 1,2-Dichloroethane	5.043	62	2725	0.711	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	7773	1.873	ug/L #	83
34) Trichloroethene	5.908	95	133450	53.537	ug/L	98
39) cis-1,3-Dichloropropene	6.982	75	3994	1.000	ug/L #	56

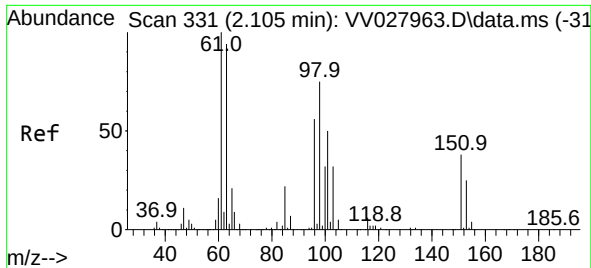
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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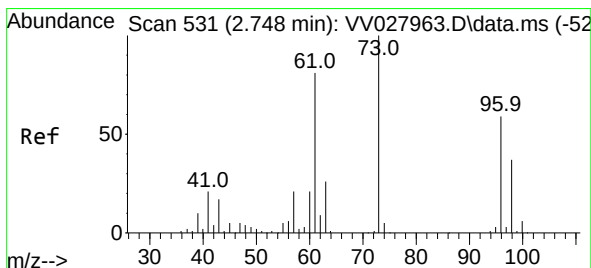
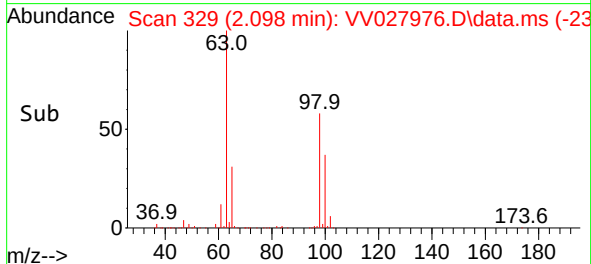
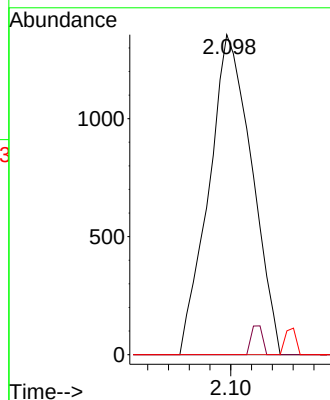
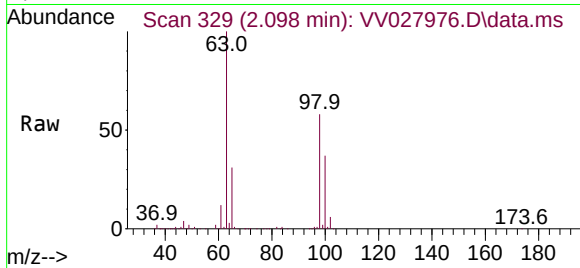




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.773 ug/L
 RT: 2.098 min Scan# 31
 Delta R.T. -0.007 min
 Lab File: VV027976.D
 Acq: 20 Sep 2022 20:53

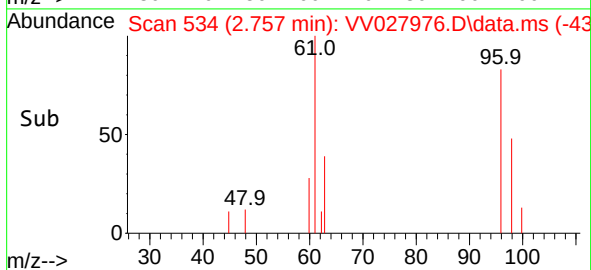
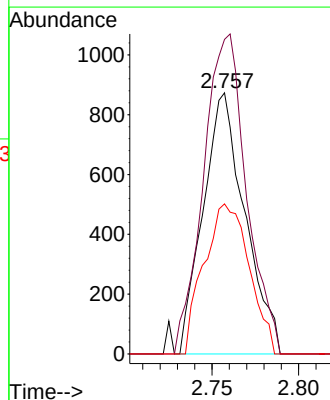
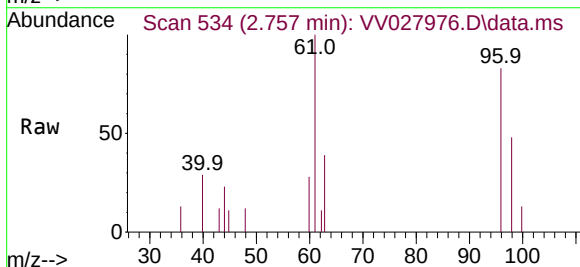
Instrument :
 MSVOA_V
 ClientSampleId :
 C0E29

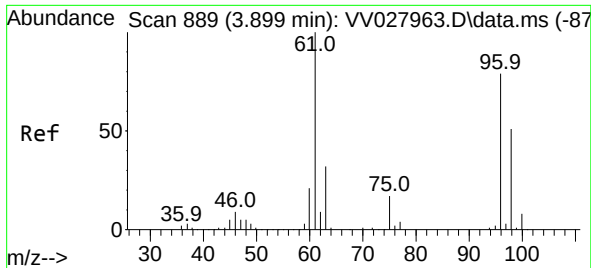
Tgt Ion:	101	Resp:	1947
Ion	Ratio	Lower	Upper
101	100		
85	2.4	35.6	53.4#
151	2.1	62.2	93.4#



#17
 trans-1,2-Dichloroethene
 Concen: 0.612 ug/L
 RT: 2.757 min Scan# 534
 Delta R.T. 0.009 min
 Lab File: VV027976.D
 Acq: 20 Sep 2022 20:53

Tgt Ion:	96	Resp:	1468
Ion	Ratio	Lower	Upper
96	100		
61	120.5	92.3	171.5
98	57.5	44.1	81.9

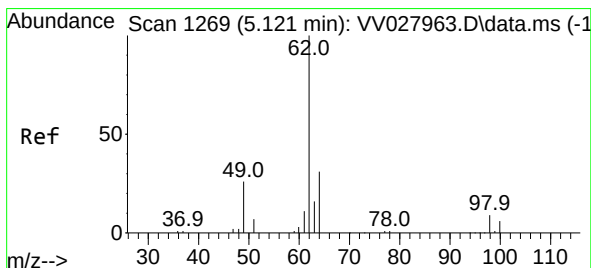
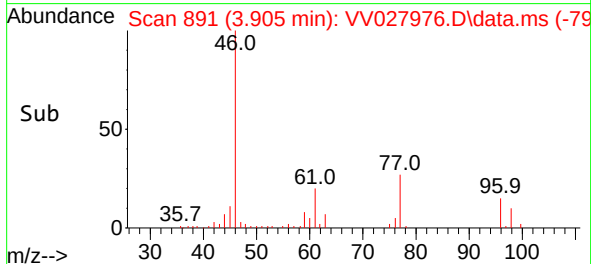
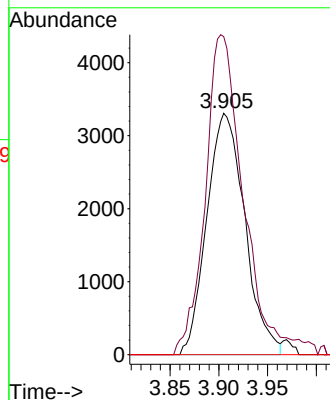
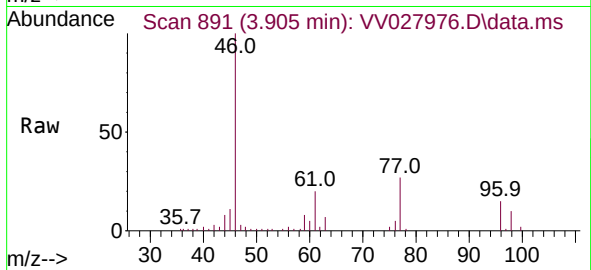




#20
 cis-1,2-Dichloroethene
 Concen: 3.360 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV027976.D
 Acq: 20 Sep 2022 20:53

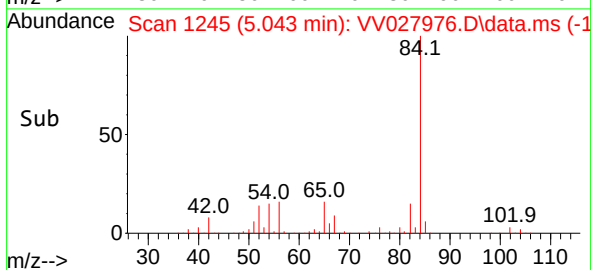
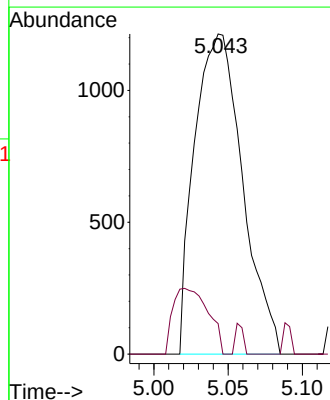
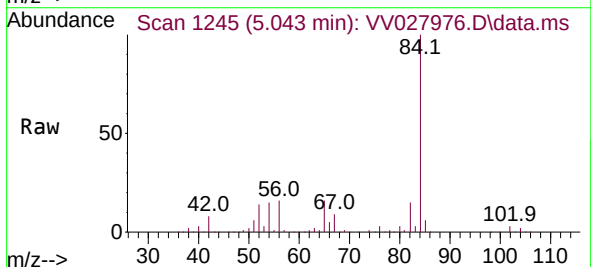
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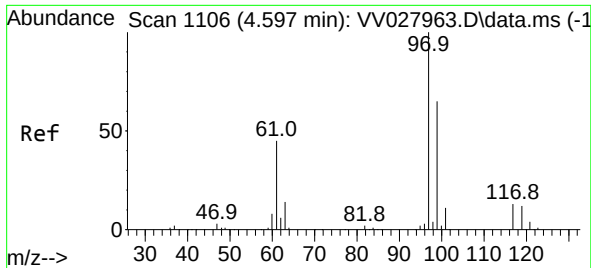
Tgt Ion: 96 Resp: 8982
 Ion Ratio Lower Upper
 96 100
 61 131.7 84.4 156.8
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.711 ug/L
 RT: 5.043 min Scan# 1245
 Delta R.T. -0.077 min
 Lab File: VV027976.D
 Acq: 20 Sep 2022 20:53

Tgt Ion: 62 Resp: 2725
 Ion Ratio Lower Upper
 62 100
 98 9.6 7.6 11.4





#30

1,1,1-Trichloroethane

Concen: 1.873 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.009 min

Lab File: VV027976.D

Acq: 20 Sep 2022 20:53

Instrument :

MSVOA_V

ClientSampleId :

C0E29

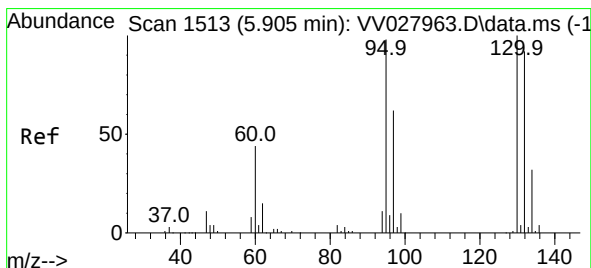
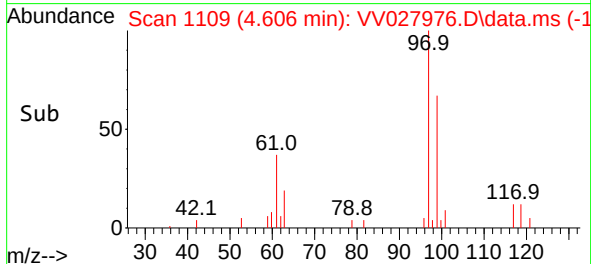
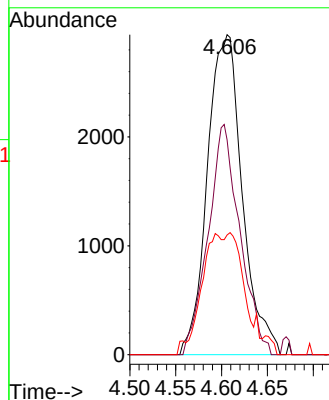
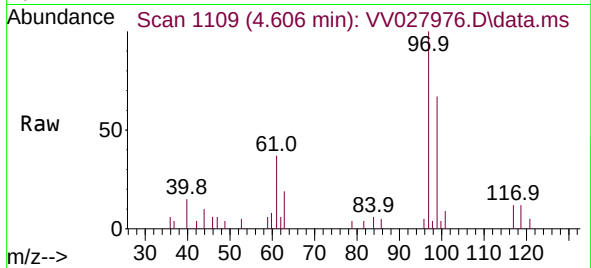
Tgt Ion: 97 Resp: 7773

Ion Ratio Lower Upper

97 100

99 65.5 51.4 77.0

61 18.1 35.2 52.8#



#34

Trichloroethene

Concen: 53.537 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. 0.003 min

Lab File: VV027976.D

Acq: 20 Sep 2022 20:53

Tgt Ion: 95 Resp: 133450

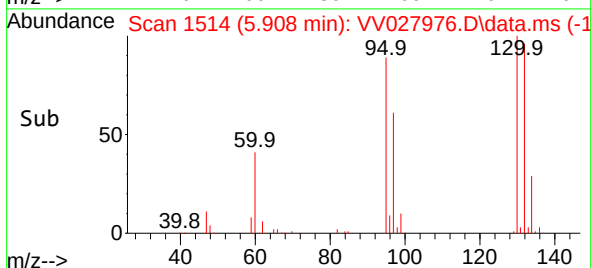
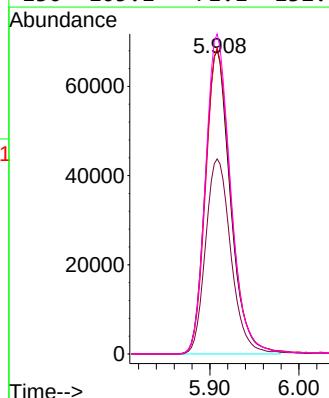
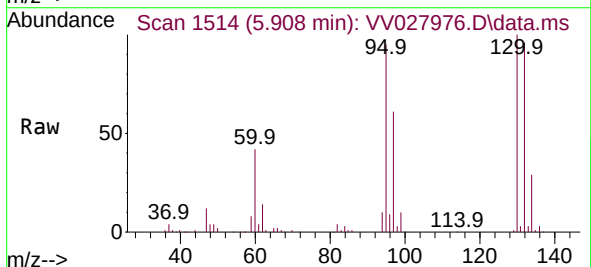
Ion Ratio Lower Upper

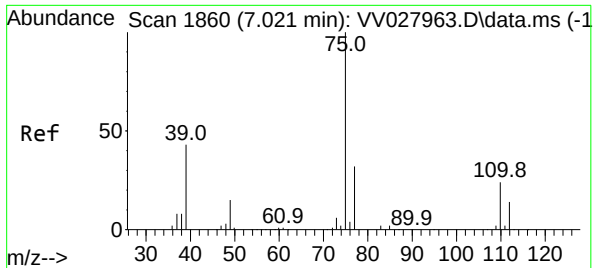
95 100

97 64.1 45.4 84.2

132 100.4 69.2 128.6

130 105.1 71.1 132.1





#39
 cis-1,3-Dichloropropene
 Concen: 1.000 ug/L
 RT: 6.982 min Scan# 11
 Delta R.T. -0.039 min
 Lab File: VV027976.D
 Acq: 20 Sep 2022 20:53

Instrument :
 MSVOA_V
 ClientSampleId :
 C0E29

Tgt Ion: 75 Resp: 3994
 Ion Ratio Lower Upper
 75 100
 77 57.1 22.6 42.0#

