

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092022\
 Data File : VV027966.D
 Acq On : 20 Sep 2022 16:44
 Operator : SY/MD
 Sample : N4619-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0E14

Quant Time: Sep 21 05:15:47 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)

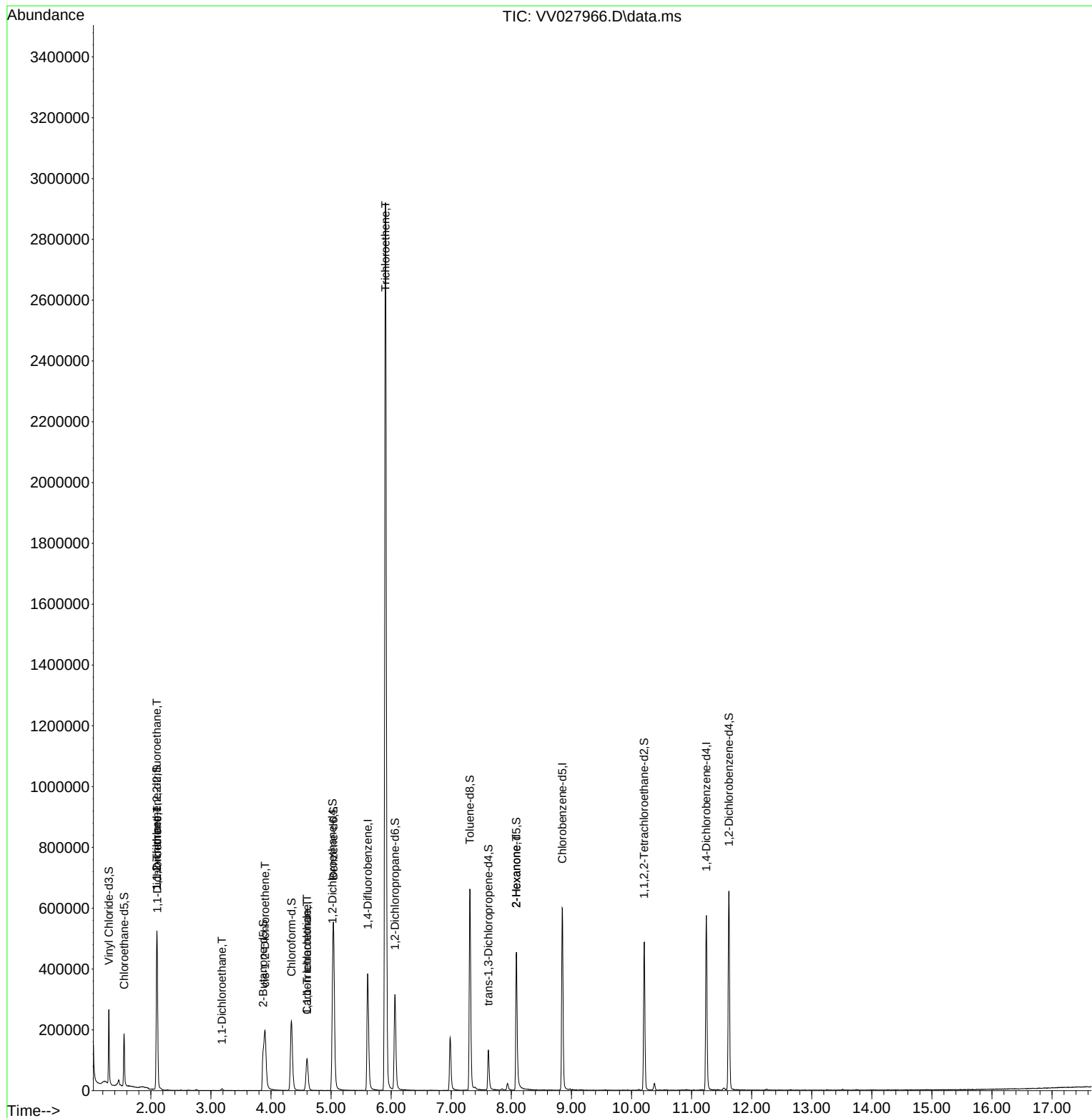
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	335191	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	336308	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	152675	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	153642	52.213	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 104.420%		
7) Chloroethane-d5	1.555	69	121333	51.616	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 103.240%		
11) 1,1-Dichloroethene-d2	2.098	63	241340	46.296	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 92.600%		
21) 2-Butanone-d5	3.867	46	179133	102.374	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 102.370%		
24) Chloroform-d	4.339	84	242948	49.176	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 98.360%		
26) 1,2-Dichloroethane-d4	5.024	65	164041	51.236	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 102.480%		
32) Benzene-d6	5.040	84	482592	49.786	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 99.580%		
36) 1,2-Dichloropropane-d6	6.063	67	151336	50.559	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 101.120%		
41) Toluene-d8	7.310	98	437841	49.325	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 98.640%		
43) trans-1,3-Dichloroprop...	7.619	79	76299	50.974	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 101.940%		
47) 2-Hexanone-d5	8.085	63	159380	108.691	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 108.690%		
56) 1,1,2,2-Tetrachloroeth...	10.211	84	235944	53.554	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 107.100%		
66) 1,2-Dichlorobenzene-d4	11.622	152	171453	57.850	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 115.700%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	2701	1.110	ug/L #	30
12) 1,1-Dichloroethene	2.108	96	64228	26.410	ug/L #	73
19) 1,1-Dichloroethane	3.182	63	5454	1.220	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	96716	37.464	ug/L	97
30) 1,1,1-Trichloroethane	4.600	97	87866	21.223	ug/L	97
31) Carbon tetrachloride	4.600	117	11147	3.032	ug/L	96
34) Trichloroethene	5.905	95	1002863	403.347	ug/L	99
48) 2-Hexanone	8.085	43	18678	6.133	ug/L #	65

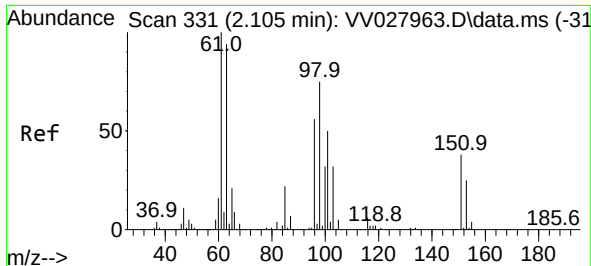
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092022\
Data File : VV027966.D
Acq On : 20 Sep 2022 16:44
Operator : SY/MD
Sample : N4619-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0E14

Quant Time: Sep 21 05:15:47 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

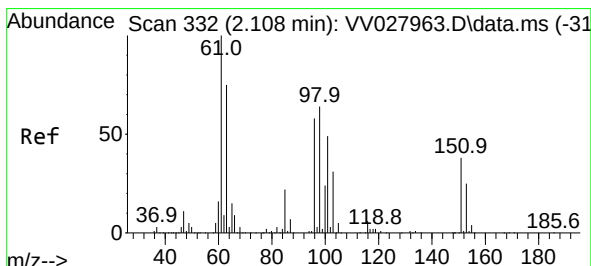
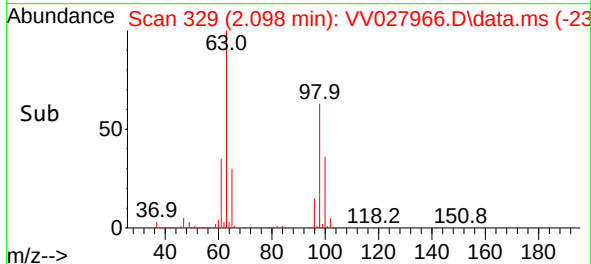
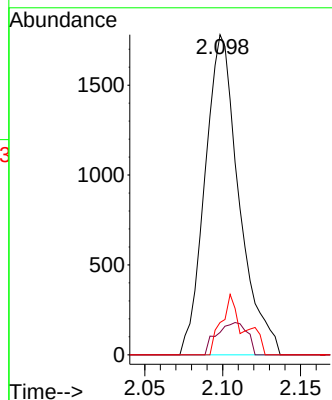
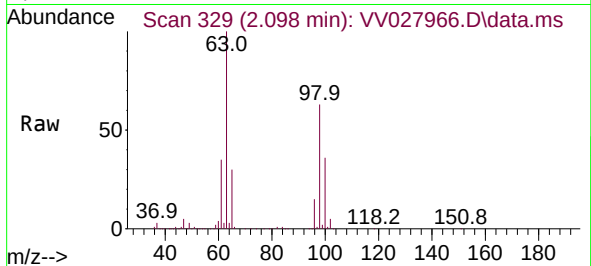




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.110 ug/L
RT: 2.098 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV027966.D
Acq: 20 Sep 2022 16:44

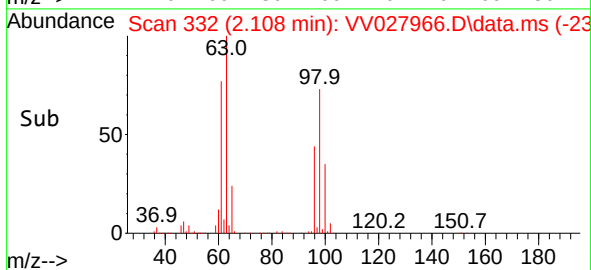
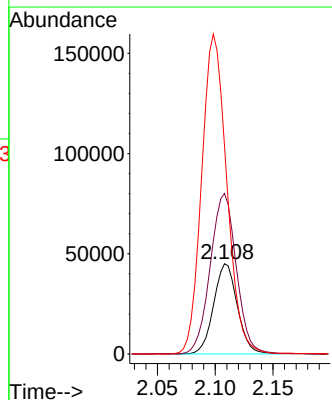
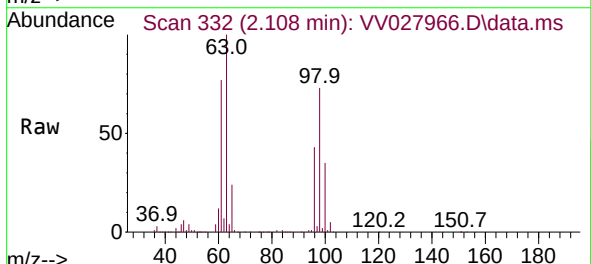
Instrument :
MSVOA_V
ClientSampleId :
C0E14

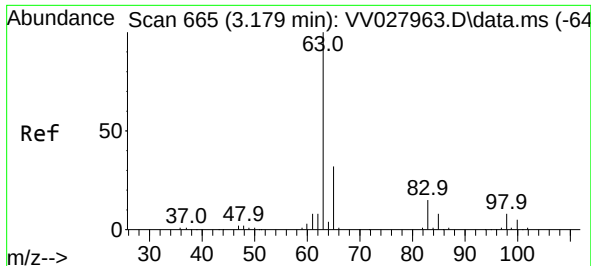
Tgt Ion:101 Resp: 2701
Ion Ratio Lower Upper
101 100
85 9.0 35.6 53.4#
151 8.7 62.2 93.4#



#12
1,1-Dichloroethene
Concen: 26.410 ug/L
RT: 2.108 min Scan# 332
Delta R.T. 0.000 min
Lab File: VV027966.D
Acq: 20 Sep 2022 16:44

Tgt Ion: 96 Resp: 64228
Ion Ratio Lower Upper
96 100
61 177.8 123.7 229.7
63 230.2 108.6 201.6#





#19

1,1-Dichloroethane

Concen: 1.220 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027966.D

Acq: 20 Sep 2022 16:44

Instrument :

MSVOA_V

ClientSampleId :

C0E14

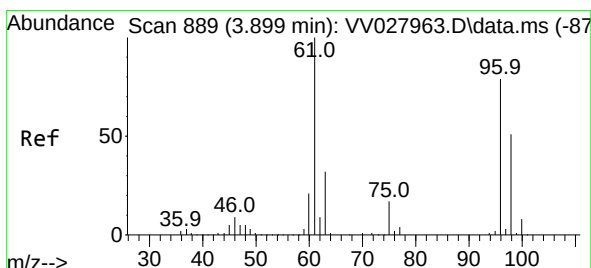
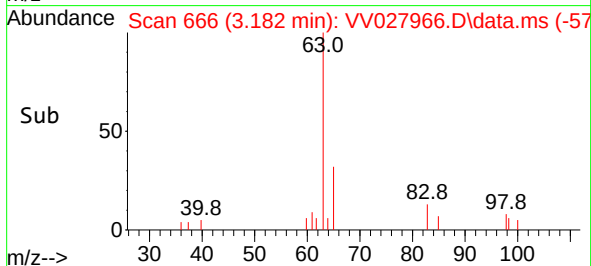
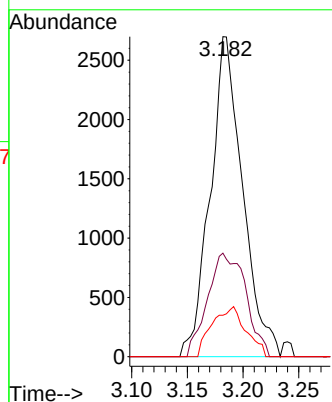
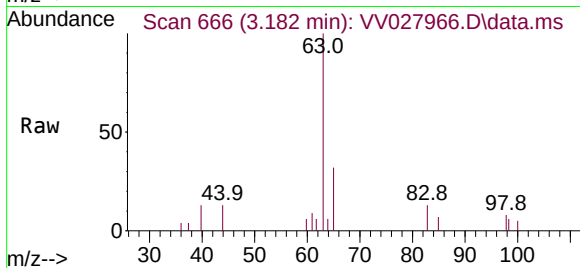
Tgt Ion: 63 Resp: 5454

Ion Ratio Lower Upper

63 100

65 32.3 22.5 41.7

83 13.0 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 37.464 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.003 min

Lab File: VV027966.D

Acq: 20 Sep 2022 16:44

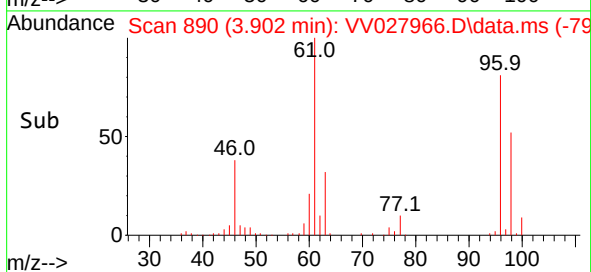
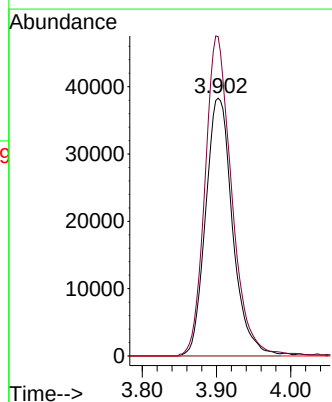
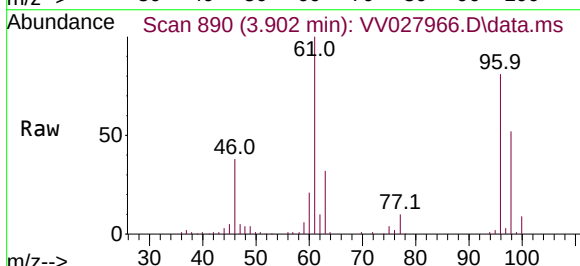
Tgt Ion: 96 Resp: 96716

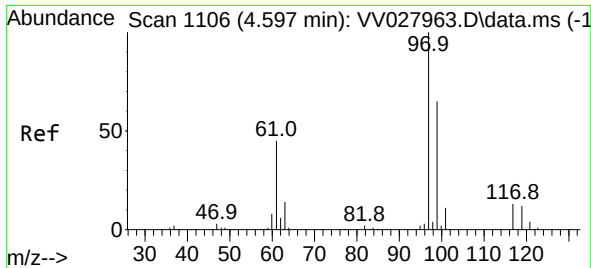
Ion Ratio Lower Upper

96 100

61 123.9 84.4 156.8

68 0.0 0.0 0.0

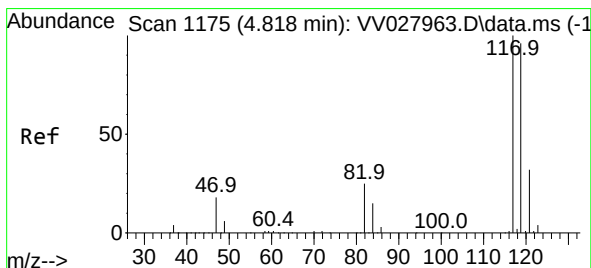
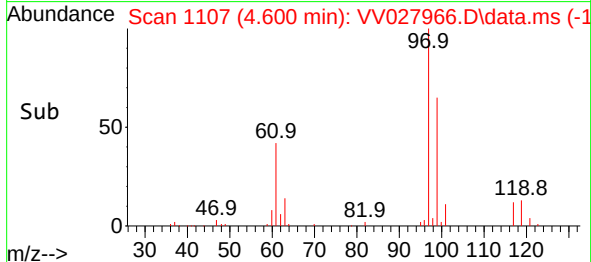
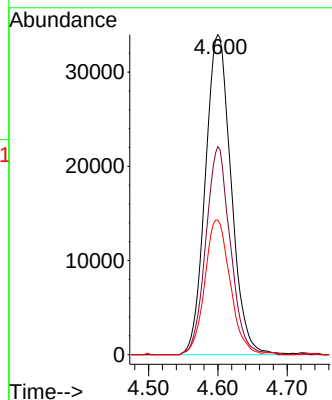
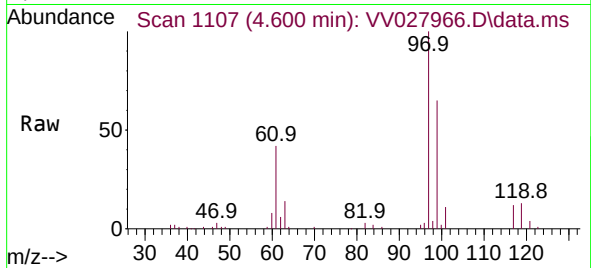




#30
1,1,1-Trichloroethane
Concen: 21.223 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV027966.D
Acq: 20 Sep 2022 16:44

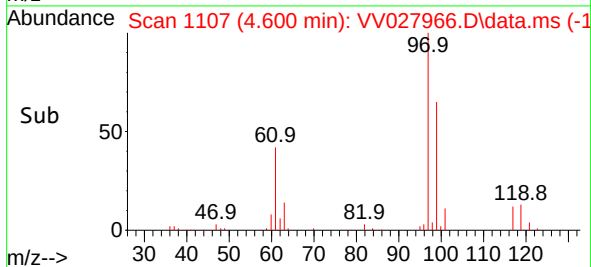
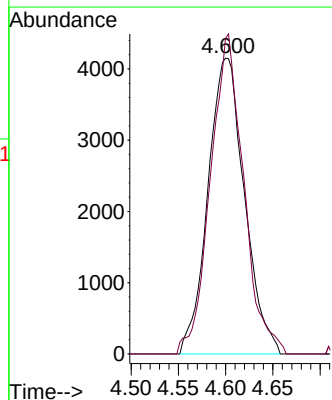
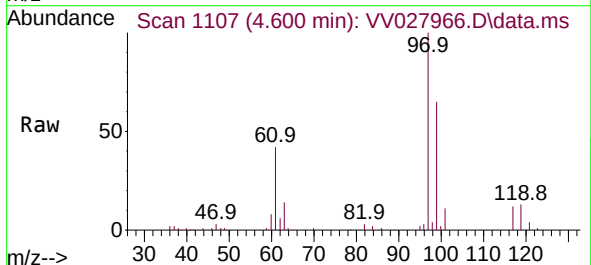
Instrument :
MSVOA_V
ClientSampleId :
C0E14

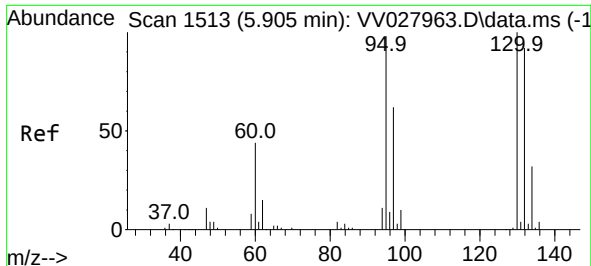
Tgt Ion: 97 Resp: 87866
Ion Ratio Lower Upper
97 100
99 61.9 51.4 77.0
61 41.5 35.2 52.8



#31
Carbon tetrachloride
Concen: 3.032 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. -0.219 min
Lab File: VV027966.D
Acq: 20 Sep 2022 16:44

Tgt Ion: 117 Resp: 11147
Ion Ratio Lower Upper
117 100
119 98.4 75.6 113.4





#34

Trichloroethene

Concen: 403.347 ug/L

RT: 5.905 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV027966.D

Acq: 20 Sep 2022 16:44

Instrument :

MSVOA_V

ClientSampleId :

C0E14

Tgt Ion: 95 Resp: 1002863

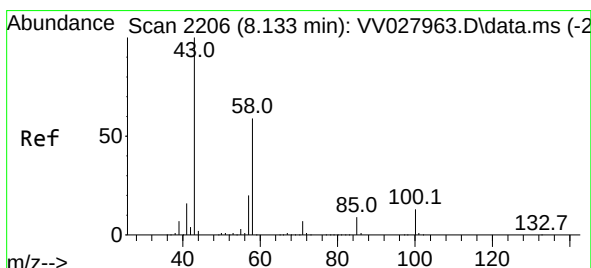
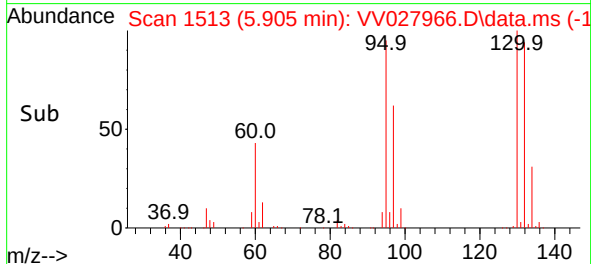
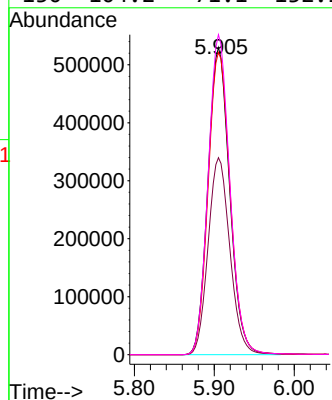
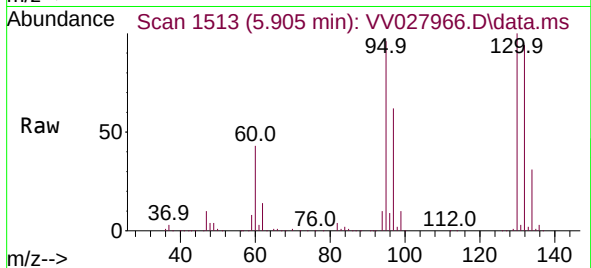
Ion Ratio Lower Upper

95 100

97 64.1 45.4 84.2

132 98.4 69.2 128.6

130 104.2 71.1 132.1



#48

2-Hexanone

Concen: 6.133 ug/L

RT: 8.085 min Scan# 2191

Delta R.T. -0.048 min

Lab File: VV027966.D

Acq: 20 Sep 2022 16:44

Tgt Ion: 43 Resp: 18678

Ion Ratio Lower Upper

43 100

58 29.1 45.6 68.4#

57 32.6 15.0 22.6#

100 2.2 9.9 14.9#

