

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101421\
 Data File : VW022805.D
 Acq On : 14 Oct 2021 20:16
 Operator : SY/MD
 Sample : M4214-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 JDGH0

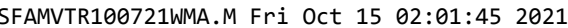
Quant Time: Oct 15 02:01:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 15 01:58:00 2021
 Response via : Initial Calibration

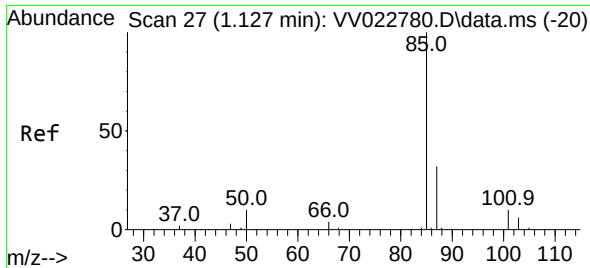
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	115879	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	118815	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	54058	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	28630	3.591	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.568	69	28521	3.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.108	63	33846	2.164	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	43.200%#
20) 2-Butanone-d5	3.892	46	102134	48.857	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.720%
24) Chloroform-d	4.349	84	79284	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.034	65	38569	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.053	84	146190	4.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.072	67	49889	4.763	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.320	98	119334	3.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	7.625	79	15636	4.500	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.092	63	80882	57.759	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37742	5.319	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	51535	5.142	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	2847	0.337	ug/L	97
3) Chloromethane	1.240	50	1195	0.141	ug/L	86
9) Trichlorofluoromethane	1.754	101	6498	0.506	ug/L	91
27) 1,2-Dichloroethane	5.053	62	1004	0.127	ug/L #	69
35) Methylcyclohexane	6.072	83	12074	0.990	ug/L #	16
37) 1,2-Dichloropropane	6.072	63	5291	0.687	ug/L #	84
39) cis-1,3-Dichloropropene	6.986	75	1228	0.121	ug/L #	57
42) Toluene	7.410	91	2042	0.063	ug/L	96
47) Tetrachloroethene	7.982	164	1888	0.268	ug/L	96
49) Dibromochloromethane	7.979	129	1888	0.282	ug/L #	7
61) 1,2,3-Trichloropropane	11.252	75	6077	1.618	ug/L #	63

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

Quant Time: Oct 15 02:01:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 15 01:58:00 2021
Response via : Initial Calibration

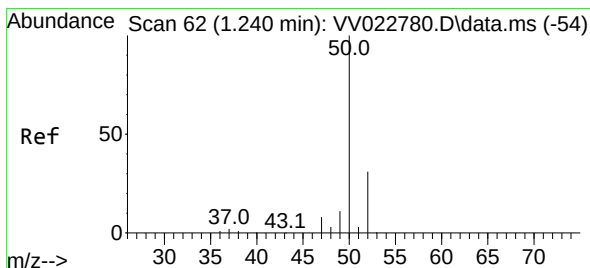
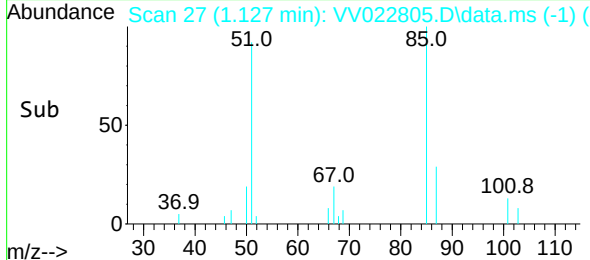
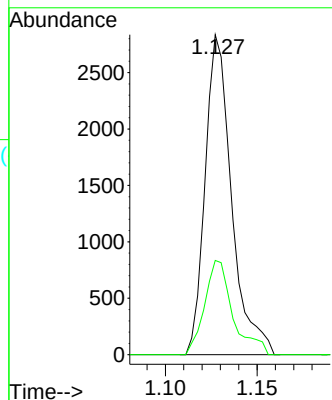
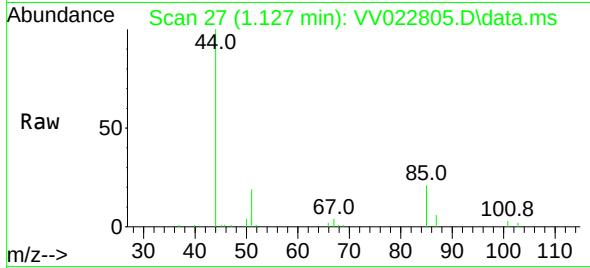




#2
 Dichlorodifluoromethane
 Concen: 0.337 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV022805.D
 Acq: 14 Oct 2021 20:16

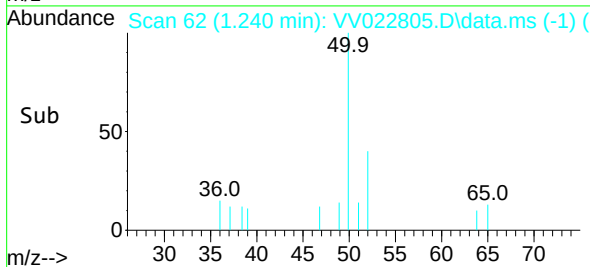
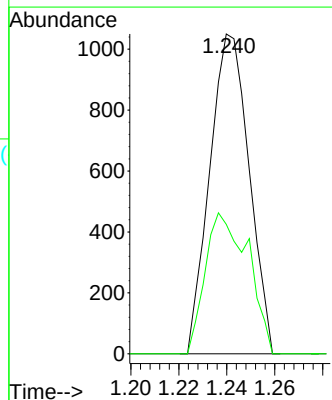
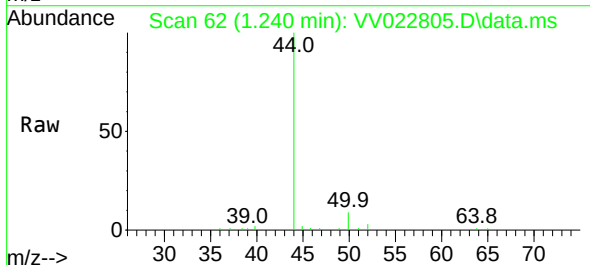
Instrument :
 MSVOA_V
 ClientSampleId :
 JDGH0

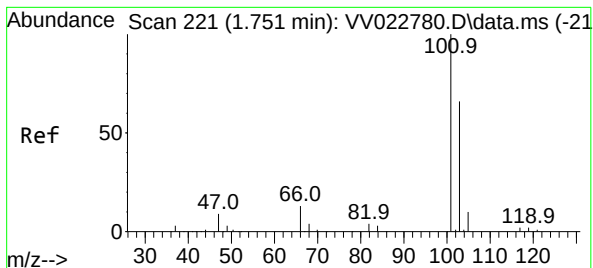
Tgt Ion:	85	Resp:	2847
Ion Ratio	Lower	Upper	
85	100		
87	31.4	26.3	39.5



#3
 Chloromethane
 Concen: 0.141 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV022805.D
 Acq: 14 Oct 2021 20:16

Tgt Ion:	50	Resp:	1195
Ion Ratio	Lower	Upper	
50	100		
52	40.5	22.9	42.5



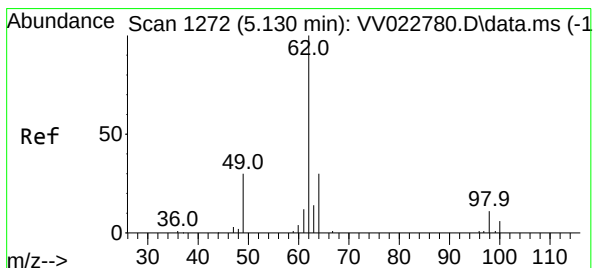
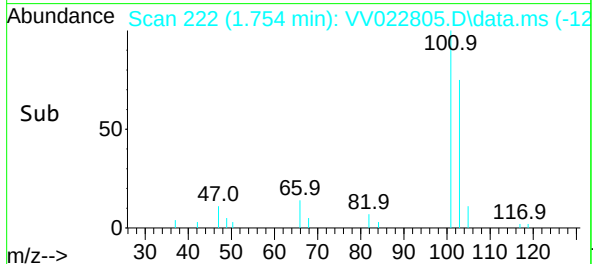
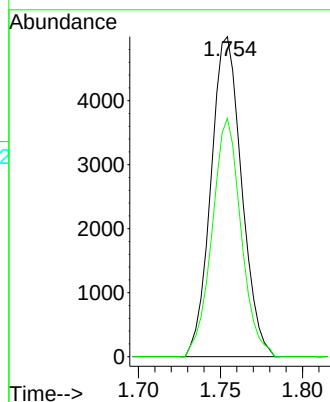
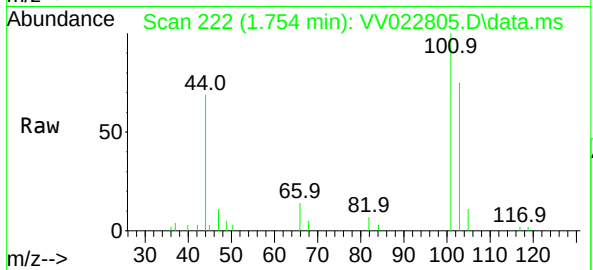


#9

Trichlorofluoromethane
Concen: 0.506 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV022805.D
Acq: 14 Oct 2021 20:16

Instrument :
MSVOA_V
ClientSampled :
JDGH0

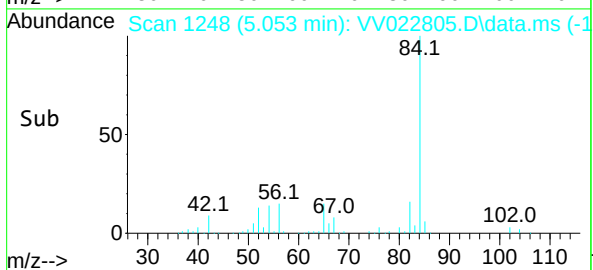
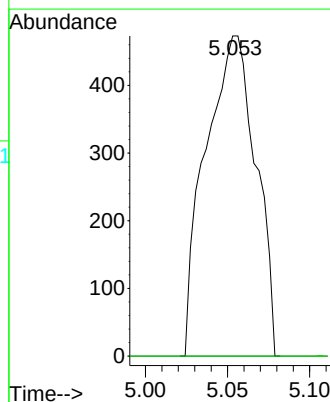
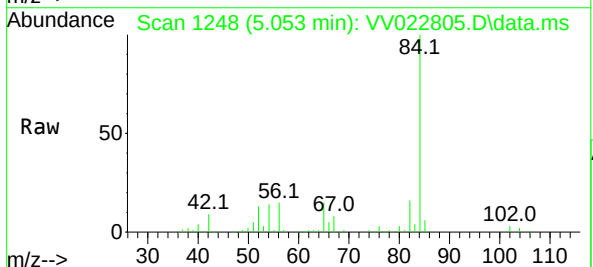
Tgt Ion:101 Resp: 6498
Ion Ratio Lower Upper
101 100
103 70.2 50.3 75.5

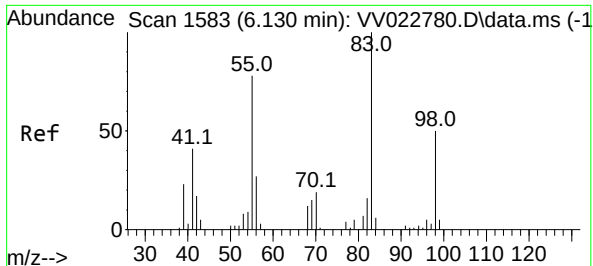


#27

1,2-Dichloroethane
Concen: 0.127 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.077 min
Lab File: VV022805.D
Acq: 14 Oct 2021 20:16

Tgt Ion: 62 Resp: 1004
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#

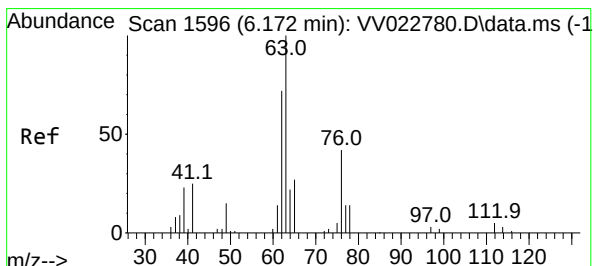
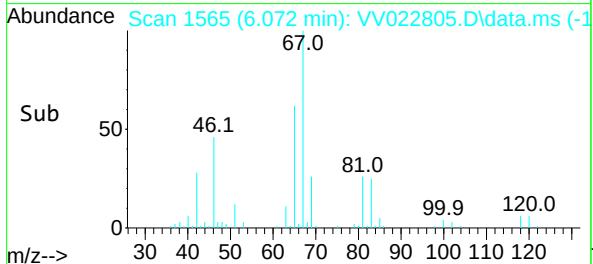
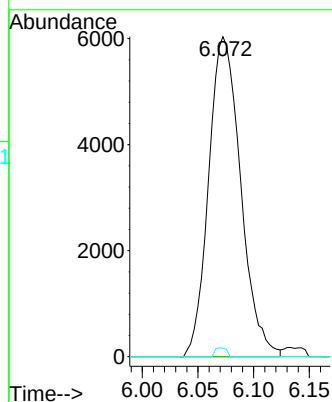
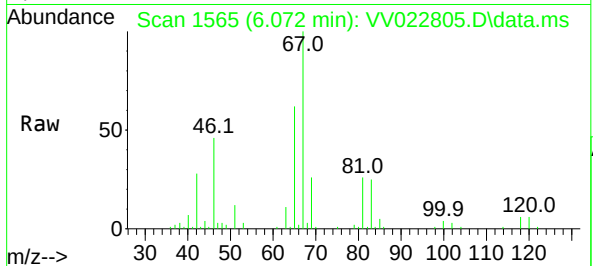




#35
Methylcyclohexane
Concen: 0.990 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV022805.D
Acq: 14 Oct 2021 20:16

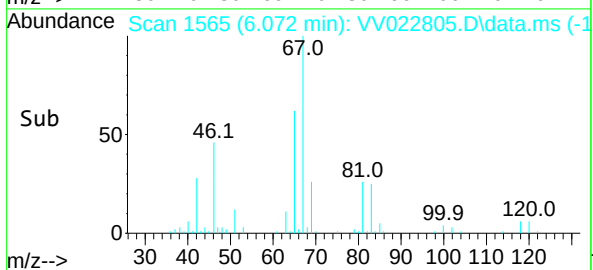
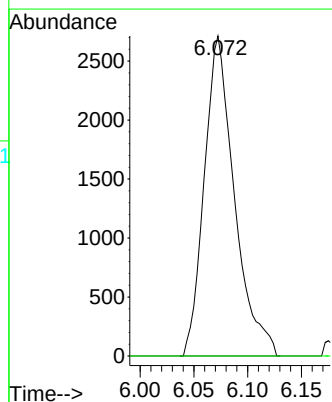
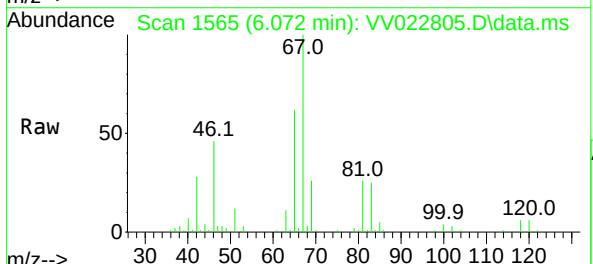
Instrument :
MSVOA_V
ClientSampleId :
JDGH0

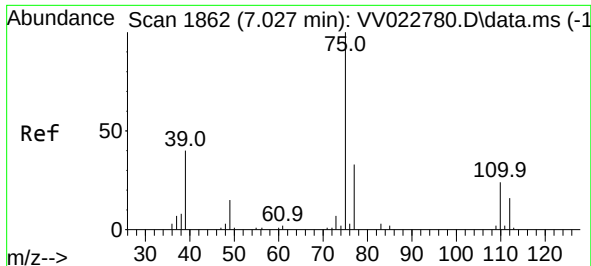
Tgt Ion: 83 Resp: 12074
Ion Ratio Lower Upper
83 100
55 0.0 63.8 95.6#
98 1.0 42.1 63.1#



#37
1,2-Dichloropropane
Concen: 0.687 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022805.D
Acq: 14 Oct 2021 20:16

Tgt Ion: 63 Resp: 5291
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#



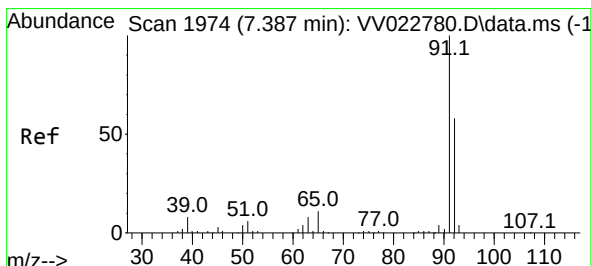
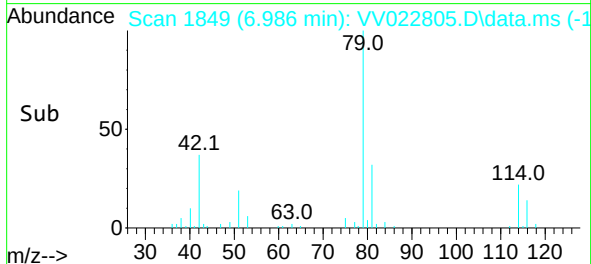
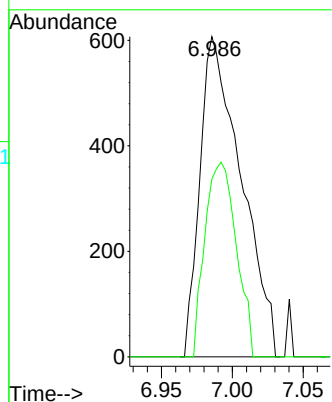
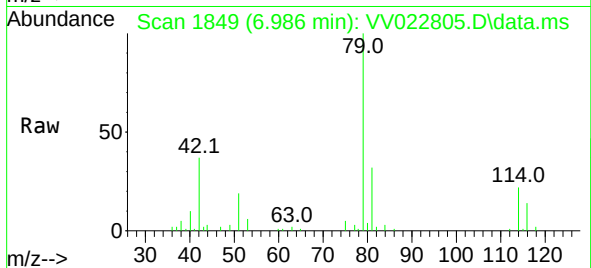


#39

cis-1,3-Dichloropropene
Concen: 0.121 ug/L
RT: 6.986 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV022805.D
Acq: 14 Oct 2021 20:16

Instrument :
MSVOA_V
ClientSampled :
JDGH0

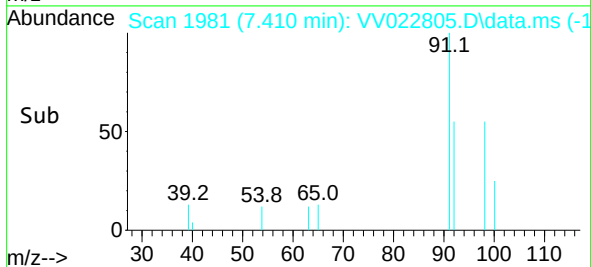
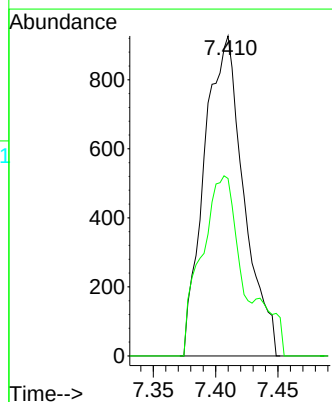
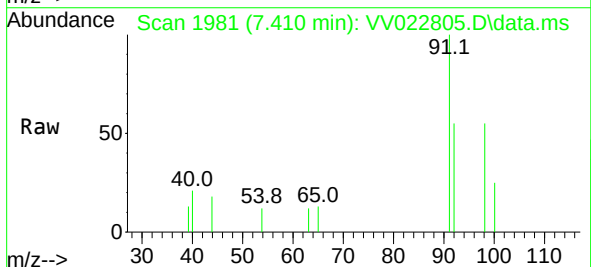
Tgt Ion: 75 Resp: 1228
Ion Ratio Lower Upper
75 100
77 55.5 22.3 41.3#

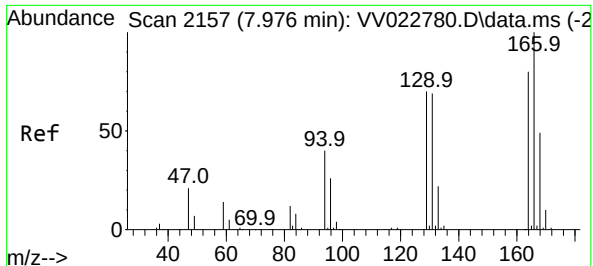


#42

Toluene
Concen: 0.063 ug/L
RT: 7.410 min Scan# 1981
Delta R.T. 0.023 min
Lab File: VV022805.D
Acq: 14 Oct 2021 20:16

Tgt Ion: 91 Resp: 2042
Ion Ratio Lower Upper
91 100
92 55.4 40.7 75.7





#47

Tetrachloroethene

Concen: 0.268 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV022805.D

Acq: 14 Oct 2021 20:16

Instrument :

MSVOA_V

ClientSampleId :

JDGH0

Tgt Ion:164 Resp: 1888

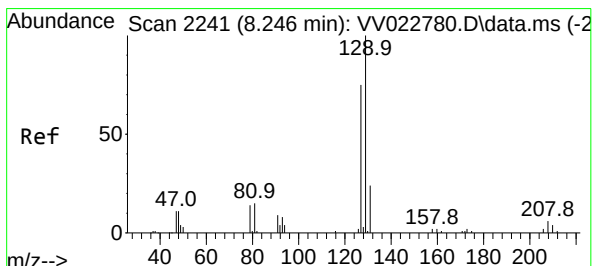
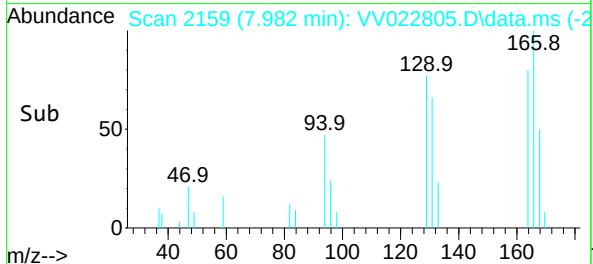
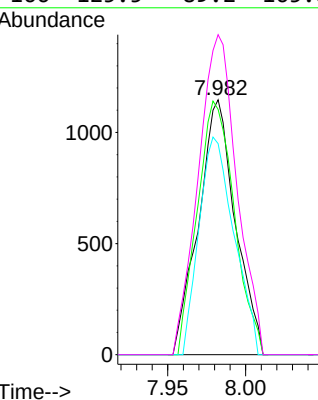
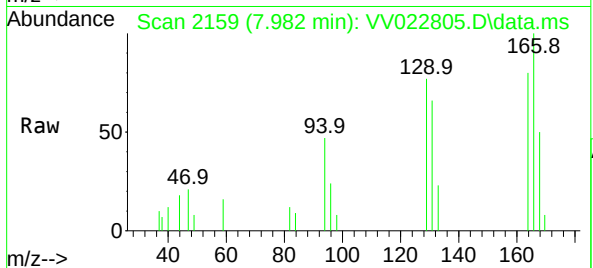
Ion Ratio Lower Upper

164 100

129 96.3 65.0 120.6

131 82.8 62.2 115.4

166 125.5 89.2 165.8



#49

Dibromochloromethane

Concen: 0.282 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV022805.D

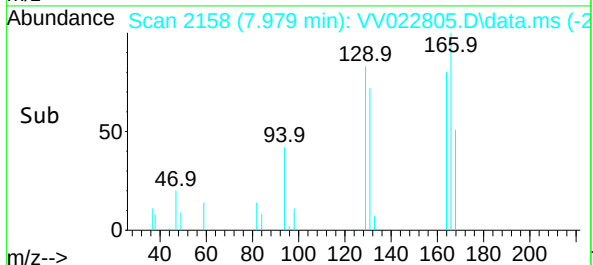
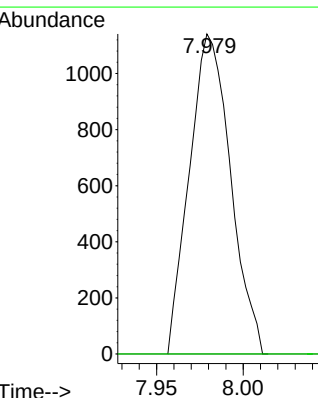
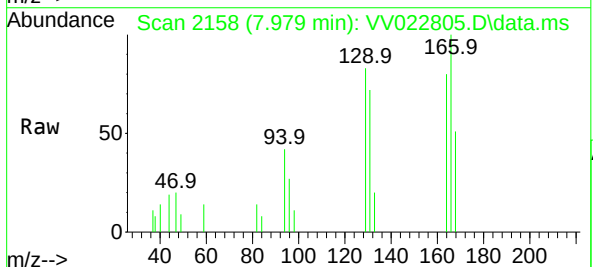
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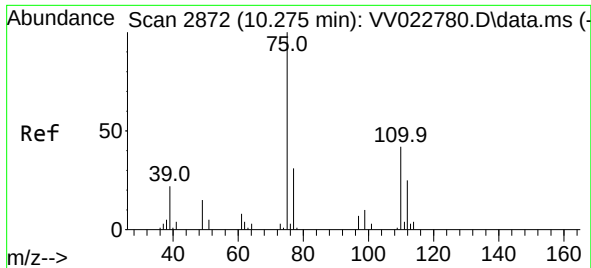
Tgt Ion:129 Resp: 1888

Ion Ratio Lower Upper

129 100

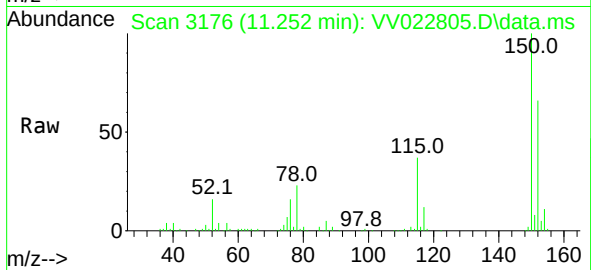
127 0.0 59.1 109.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.618 ug/L
 RT: 11.252 min Scan# 3176
 Delta R.T. 0.978 min
 Lab File: VV022805.D
 Acq: 14 Oct 2021 20:16

Instrument :
 MSVOA_V
 ClientSampleId :
 JDGH0



Tgt Ion:	75	Resp:	6077
Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.4	38.2
110	3.5	34.2	51.4#

