

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029205.D
 Acq On : 20 Nov 2022 05:24
 Operator : SY/MD
 Sample : N5651-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1G9

Quant Time: Nov 21 00:23:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 03:53:06 2022
 Response via : Initial Calibration

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

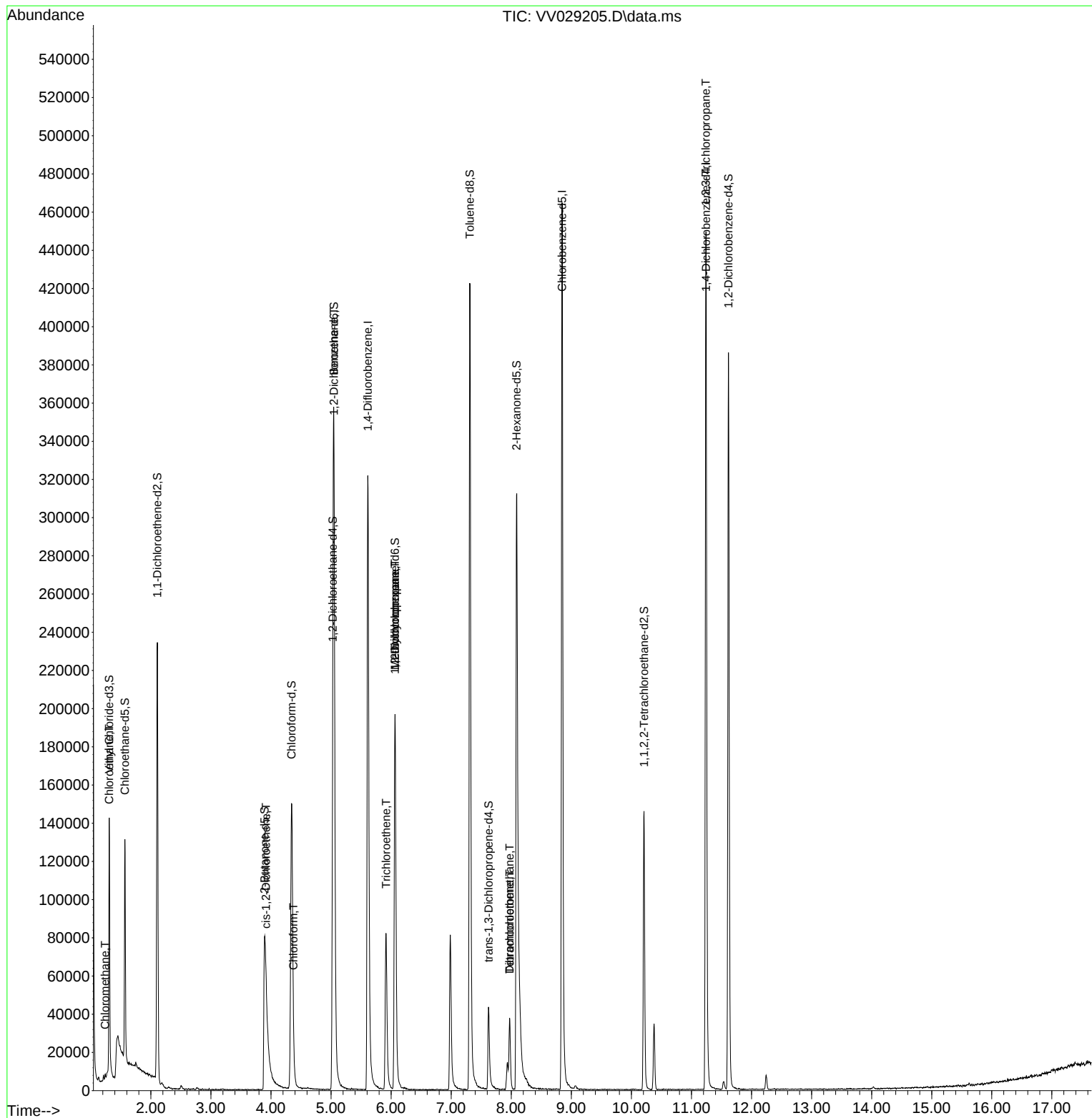
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	305879	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	280582	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	130121	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	91112	4.886	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.800%
7) Chloroethane-d5	1.568	69	76156	4.645	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.108	63	118547	3.488	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	3.892	46	176827	56.647	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.300%
24) Chloroform-d	4.342	84	166061	4.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.027	65	77120	4.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.047	84	351070	4.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.066	67	104813	4.482	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.310	98	303368	4.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	7.622	79	28209	3.698	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.088	63	135343	41.571	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.140%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	72684	4.483	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	108701	4.669	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2614	0.124	ug/L	97
8) Chloroethane	1.304	64	9820	0.692	ug/L	85
22) cis-1,2-Dichloroethene	3.918	96	2836	0.130	ug/L	87
25) Chloroform	4.375	83	3801	0.103	ug/L #	74
27) 1,2-Dichloroethane	5.050	62	1860	0.098	ug/L #	70
34) Trichloroethene	5.915	95	31301	1.426	ug/L	98
35) Methylcyclohexane	6.066	83	25632	0.664	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	10734	0.543	ug/L #	85
47) Tetrachloroethene	7.973	164	9706	0.552	ug/L	95
49) Dibromochloromethane	7.973	129	7787	0.498	ug/L #	10
61) 1,2,3-Trichloropropane	11.239	75	14203	1.597	ug/L #	64

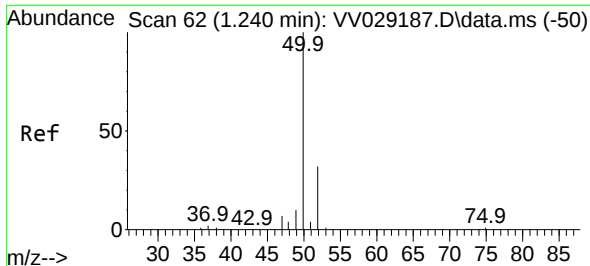
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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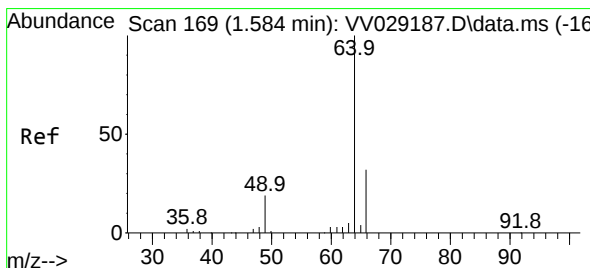
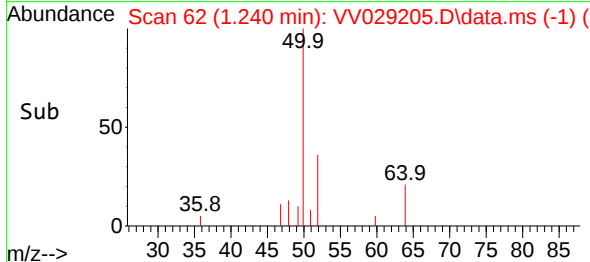
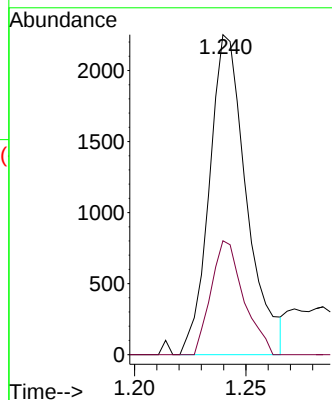
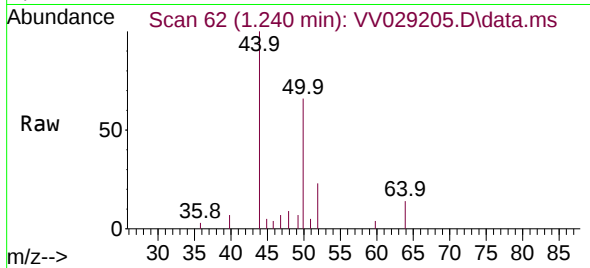




#3
Chloromethane
Concen: 0.124 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029205.D
Acq: 20 Nov 2022 05:24

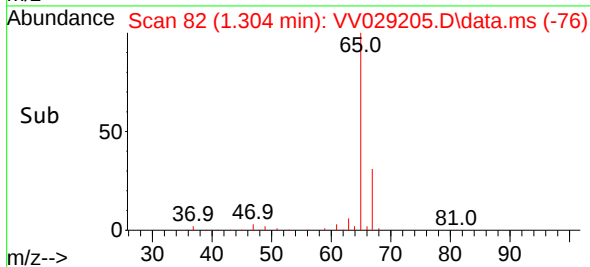
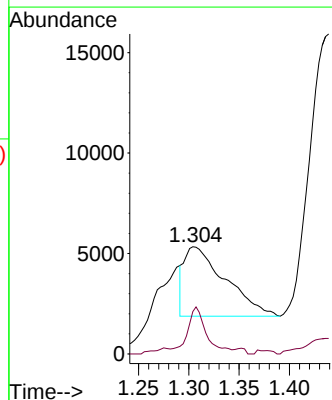
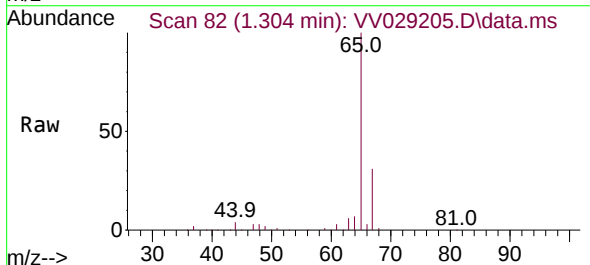
Instrument :
MSVOA_V
ClientSampleId :
BH1G9

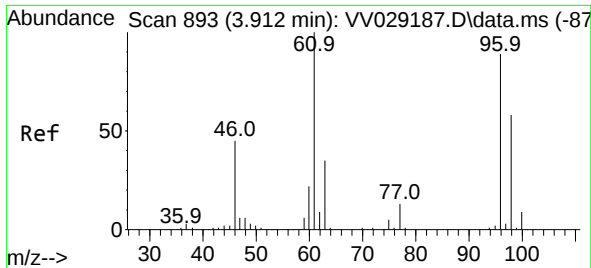
Tgt Ion: 50 Resp: 2614
Ion Ratio Lower Upper
50 100
52 35.6 23.7 43.9



#8
Chloroethane
Concen: 0.692 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.280 min
Lab File: VV029205.D
Acq: 20 Nov 2022 05:24

Tgt Ion: 64 Resp: 9820
Ion Ratio Lower Upper
64 100
66 39.6 22.0 40.8

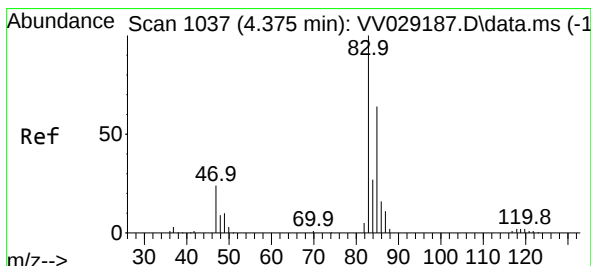
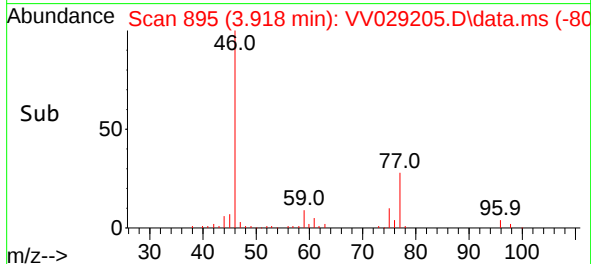
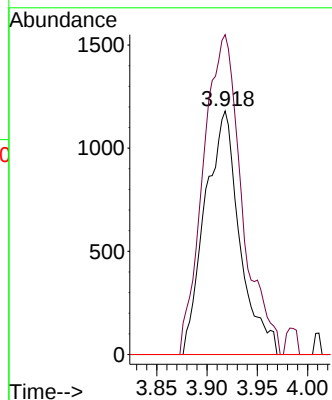
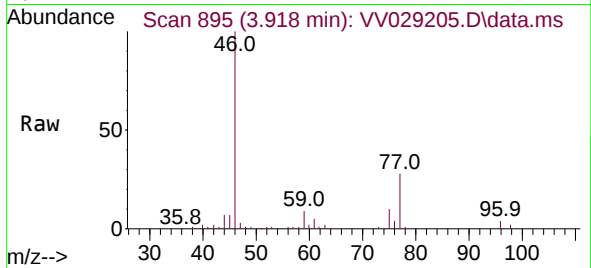




#22
 cis-1,2-Dichloroethene
 Concen: 0.130 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. 0.006 min
 Lab File: VV029205.D
 Acq: 20 Nov 2022 05:24

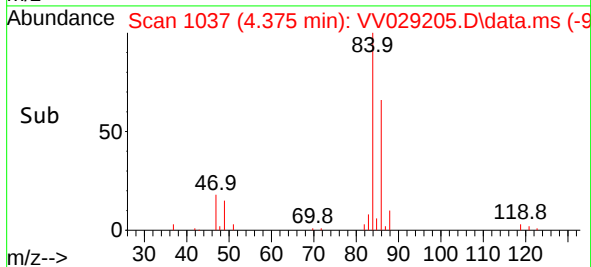
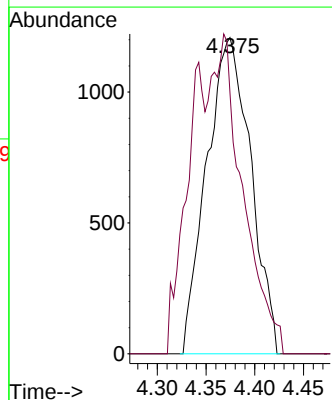
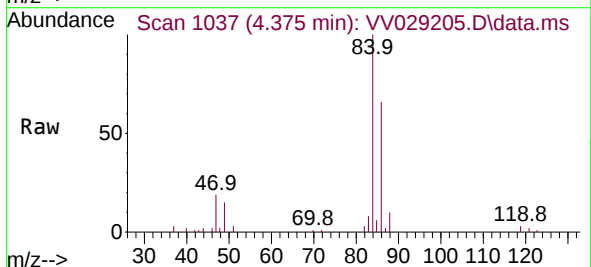
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1G9

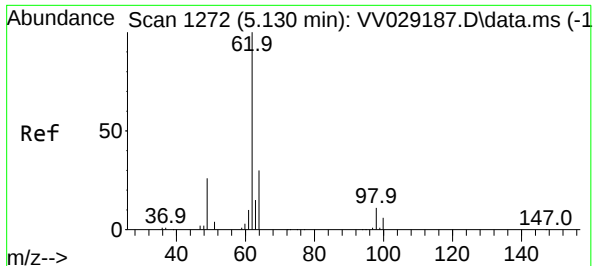
Tgt Ion: 96 Resp: 2836
 Ion Ratio Lower Upper
 96 100
 61 131.4 82.3 152.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.103 ug/L
 RT: 4.375 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VV029205.D
 Acq: 20 Nov 2022 05:24

Tgt Ion: 83 Resp: 3801
 Ion Ratio Lower Upper
 83 100
 85 82.6 43.7 81.1#





#27

1,2-Dichloroethane

Concen: 0.098 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV029205.D

Acq: 20 Nov 2022 05:24

Instrument :

MSVOA_V

ClientSampleId :

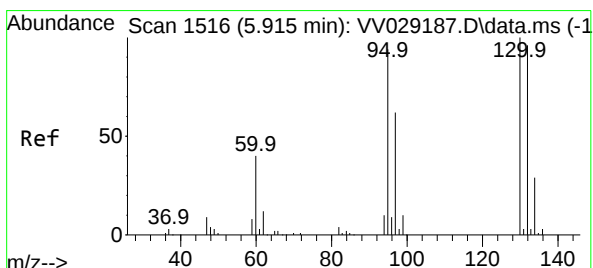
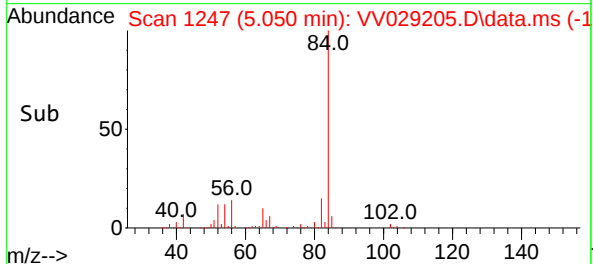
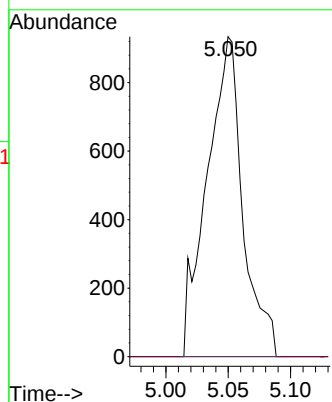
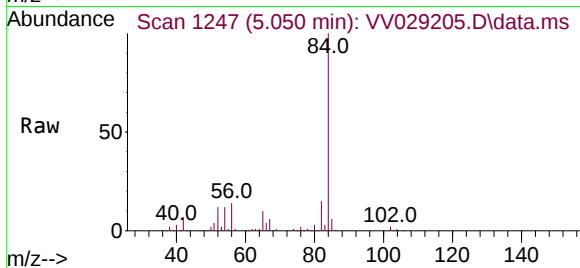
BH1G9

Tgt Ion: 62 Resp: 1860

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#



#34

Trichloroethene

Concen: 1.426 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VV029205.D

Acq: 20 Nov 2022 05:24

Tgt Ion: 95 Resp: 31301

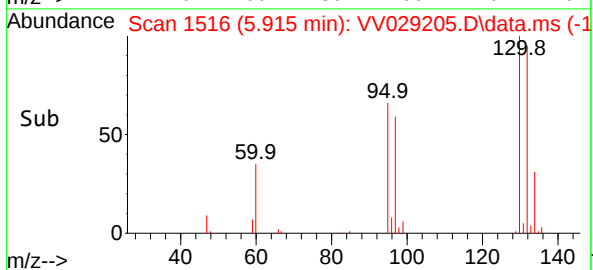
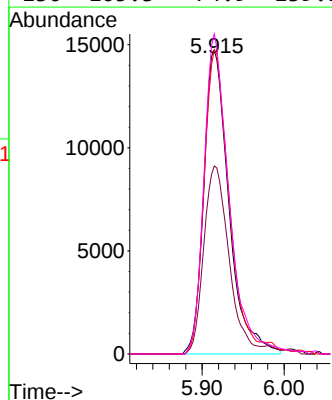
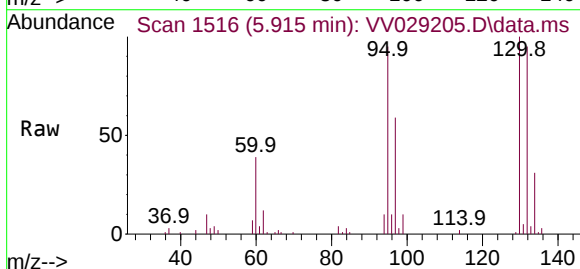
Ion Ratio Lower Upper

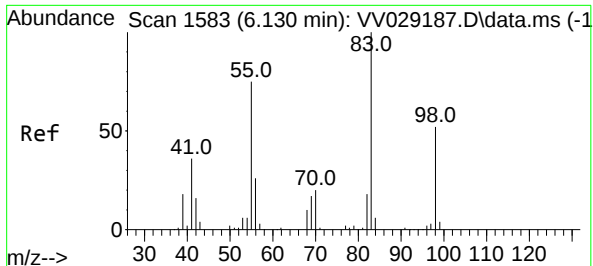
95 100

97 61.9 45.6 84.8

132 100.1 69.1 128.3

130 105.3 74.9 139.1





#35

Methylcyclohexane

Concen: 0.664 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.064 min

Lab File: VV029205.D

Acq: 20 Nov 2022 05:24

Instrument :

MSVOA_V

ClientSampleId :

BH1G9

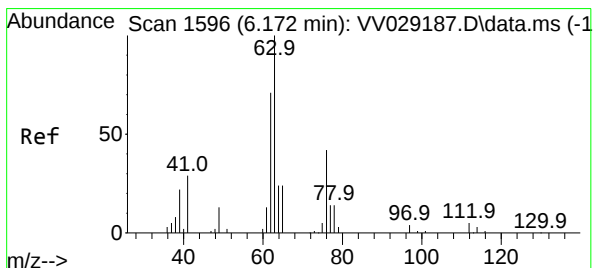
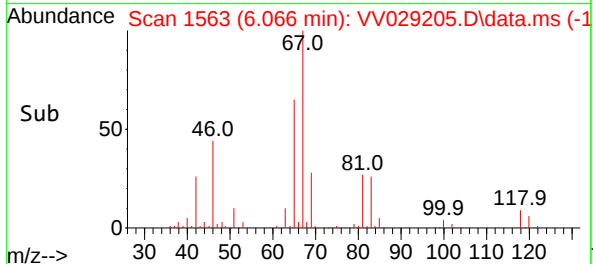
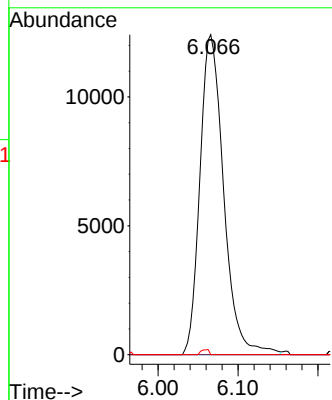
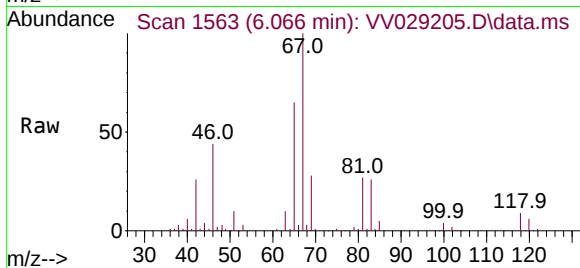
Tgt Ion: 83 Resp: 25632

Ion Ratio Lower Upper

83 100

55 0.0 55.8 83.6#

98 0.5 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.543 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.109 min

Lab File: VV029205.D

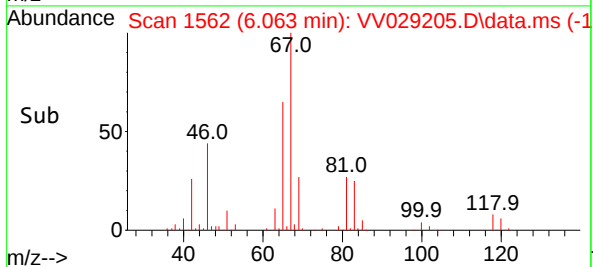
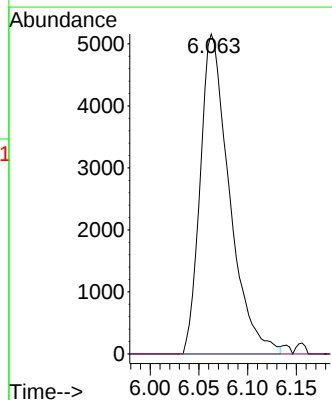
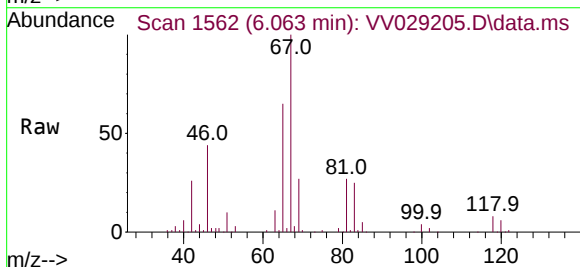
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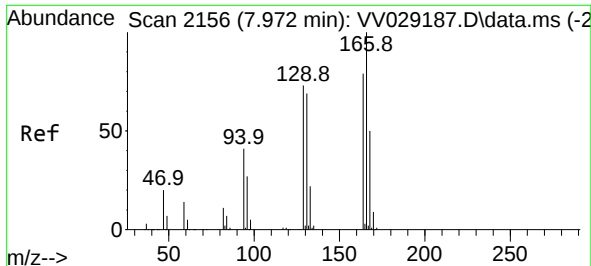
Tgt Ion: 63 Resp: 10734

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#47

Tetrachloroethene

Concen: 0.552 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV029205.D

Acq: 20 Nov 2022 05:24

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Tgt Ion:164 Resp: 9706

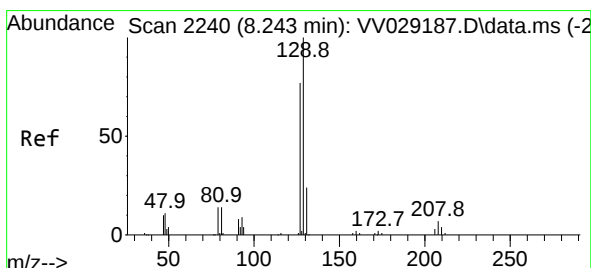
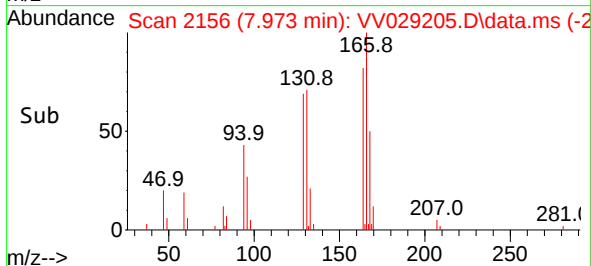
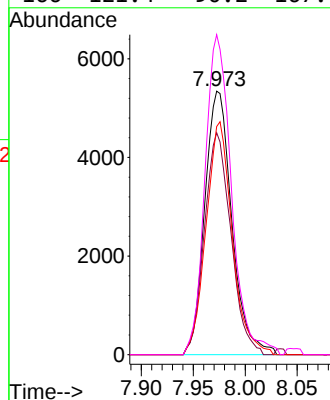
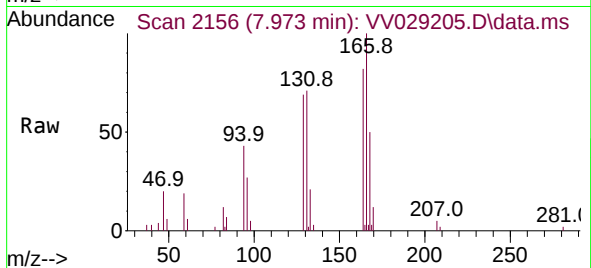
Ion Ratio Lower Upper

164 100

129 84.2 63.9 118.7

131 86.6 61.8 114.8

166 121.4 90.2 167.4



#49

Dibromochloromethane

Concen: 0.498 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV029205.D

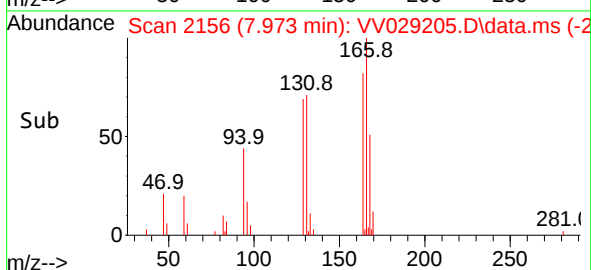
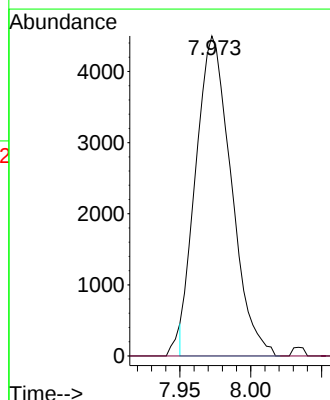
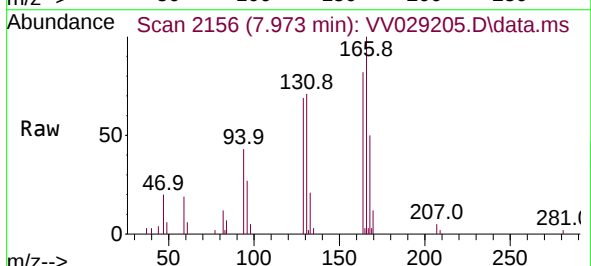
Acq: 20 Nov 2022 05:24

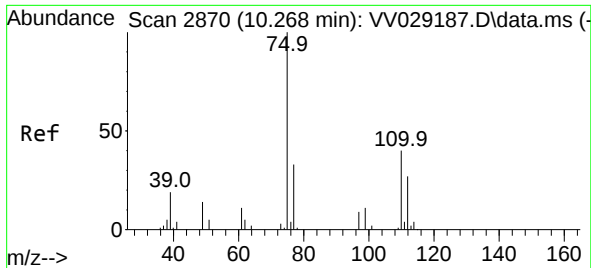
Tgt Ion:129 Resp: 7787

Ion Ratio Lower Upper

129 100

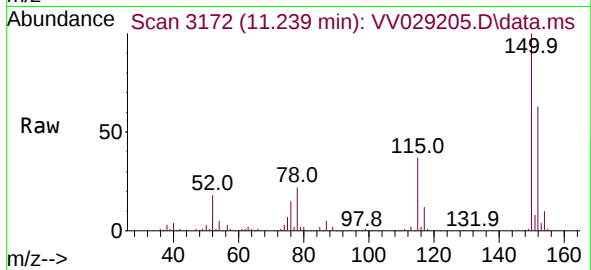
127 0.0 54.5 101.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.597 ug/L
 RT: 11.239 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV029205.D
 Acq: 20 Nov 2022 05:24

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1G9



Tgt Ion: 75 Resp: 14203
 Ion Ratio Lower Upper
 75 100
 77 30.0 26.2 39.2
 110 2.3 32.6 48.8#

