

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029309.D
 Acq On : 23 Nov 2022 21:28
 Operator : SY/MD
 Sample : N5651-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1G7

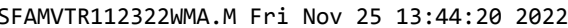
Quant Time: Nov 24 01:52:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:40:30 2022
 Response via : Initial Calibration

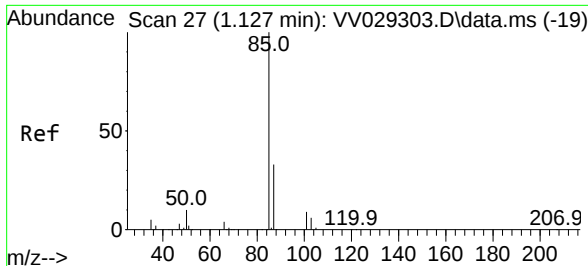
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	289107	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	254178	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	123433	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	91007	5.115	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.400%
7) Chloroethane-d5	1.568	69	67687	5.197	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.105	63	111782	3.926	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	3.886	46	150857	50.686	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.380%
24) Chloroform-d	4.339	84	156760	4.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.027	65	74204	5.311	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.043	84	356595	5.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	6.063	67	103054	5.221	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.307	98	327775	4.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	7.616	79	36189	4.755	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.085	63	122913	45.308	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.620%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	62654	5.144	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	114666	5.318	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	5109	0.237	ug/L	100
3) Chloromethane	1.240	50	2467	0.125	ug/L	99
9) Trichlorofluoromethane	1.751	101	6866	0.249	ug/L	96
12) 1,1-Dichloroethene	2.114	96	6528	0.439	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	20028	0.527	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	8295	0.486	ug/L	97
19) 1,1-Dichloroethane	3.185	63	19266	0.627	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	41977	2.151	ug/L	98
34) Trichloroethene	5.905	95	383790	19.790	ug/L	98
47) Tetrachloroethene	7.966	164	199746	12.565	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	38858	1.055	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	29074	0.848	ug/L	99

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

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QLast Update : Thu Nov 24 01:40:30 2022
Response via : Initial Calibration

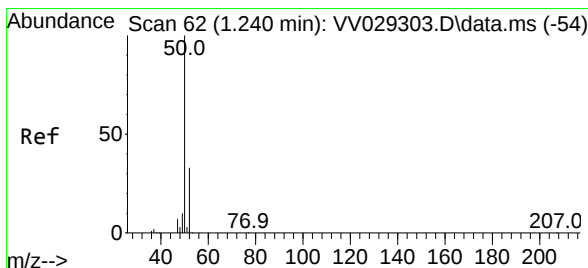
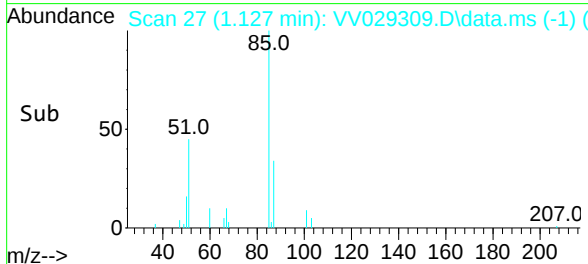
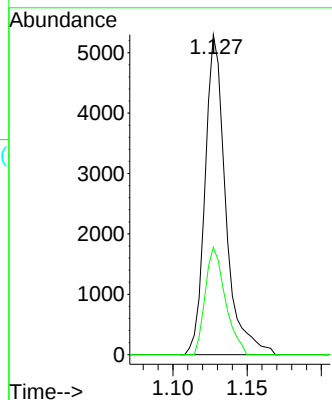
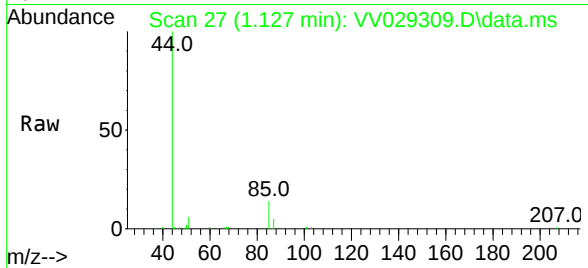




#2
 Dichlorodifluoromethane
 Concen: 0.237 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029309.D
 Acq: 23 Nov 2022 21:28

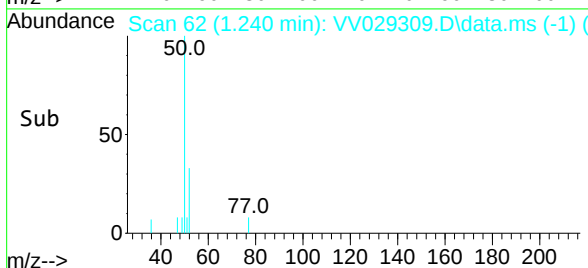
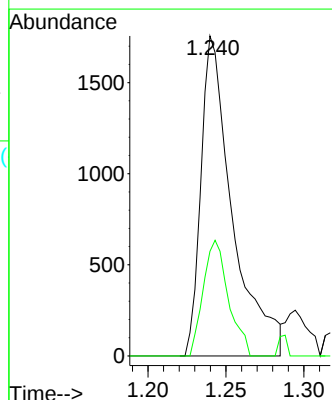
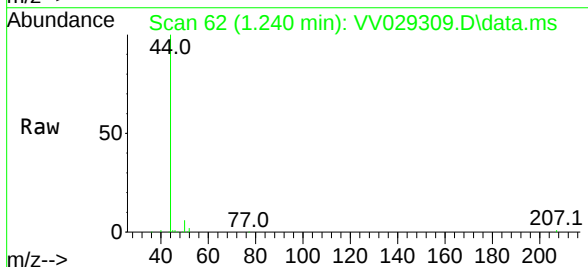
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1G7

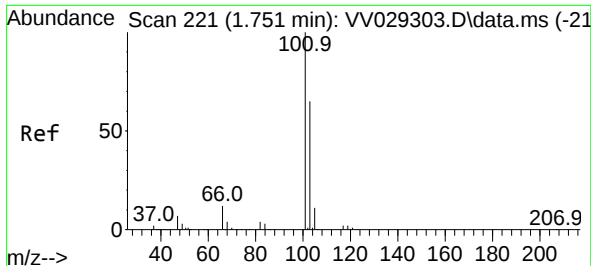
Tgt Ion: 85 Resp: 5109
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.2 39.4



#3
 Chloromethane
 Concen: 0.125 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029309.D
 Acq: 23 Nov 2022 21:28

Tgt Ion: 50 Resp: 2467
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.2 43.2

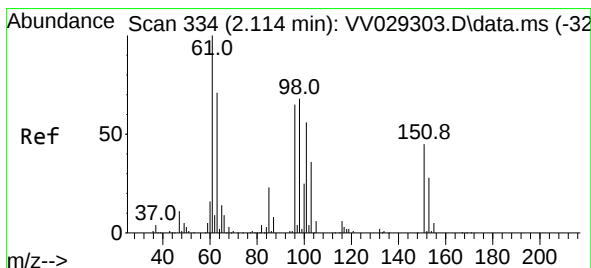
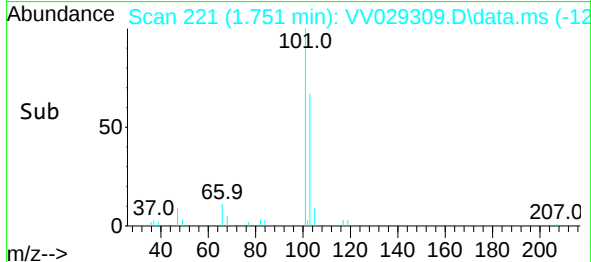
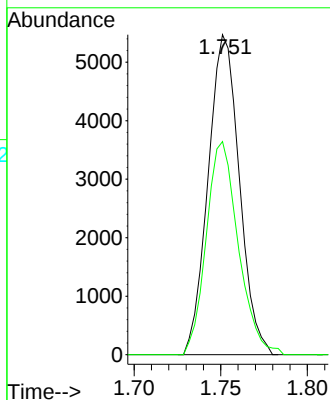
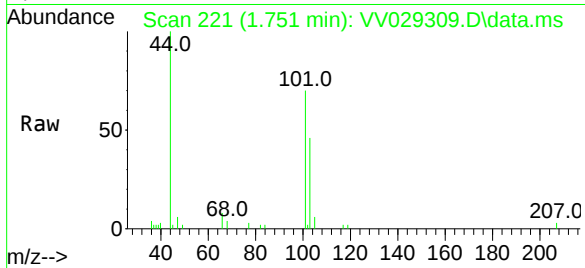




#9
 Trichlorofluoromethane
 Concen: 0.249 ug/L
 RT: 1.751 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029309.D
 Acq: 23 Nov 2022 21:28

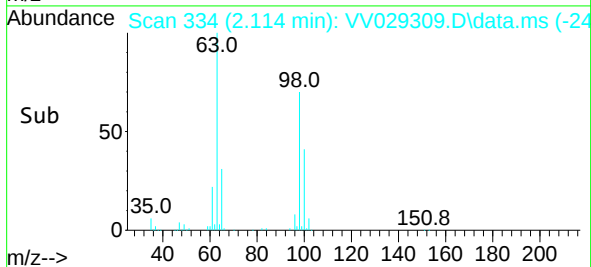
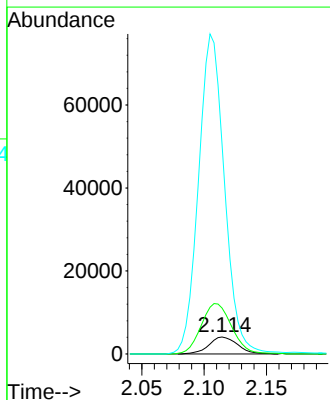
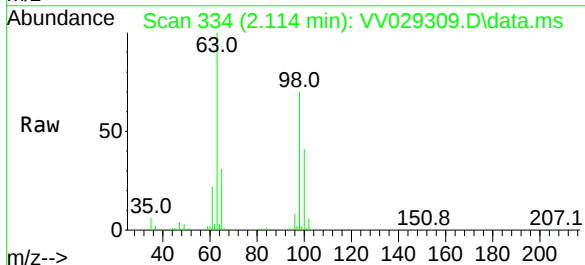
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1G7

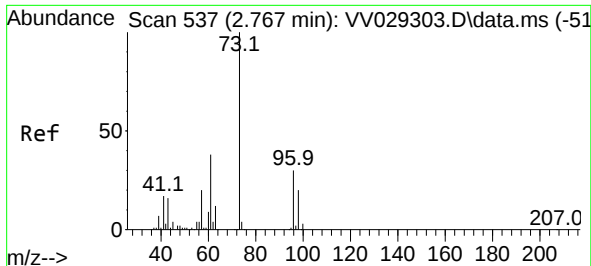
Tgt Ion:101 Resp: 6866
 Ion Ratio Lower Upper
 101 100
 103 68.1 51.8 77.8



#12
 1,1-Dichloroethene
 Concen: 0.439 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV029309.D
 Acq: 23 Nov 2022 21:28

Tgt Ion: 96 Resp: 6528
 Ion Ratio Lower Upper
 96 100
 61 269.9 110.3 204.9#
 63 1233.8 84.4 156.8#





#17

Methyl tert-butyl Ether

Concen: 0.527 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV029309.D

Acq: 23 Nov 2022 21:28

Instrument :

MSVOA_V

ClientSampleId :

BH1G7

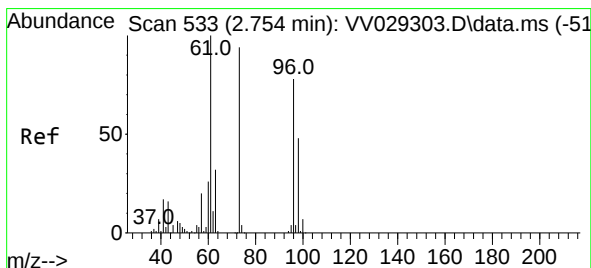
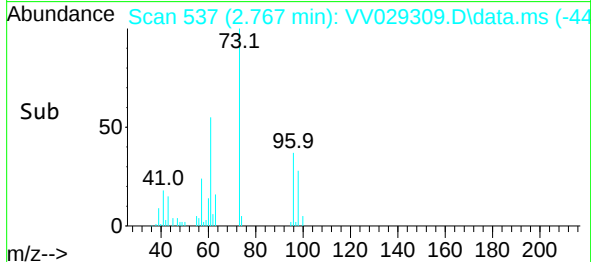
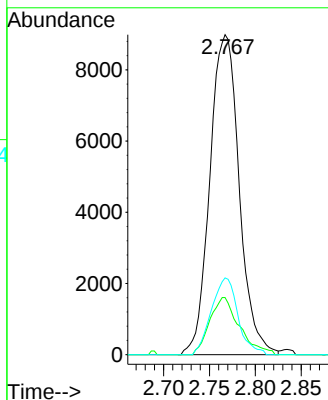
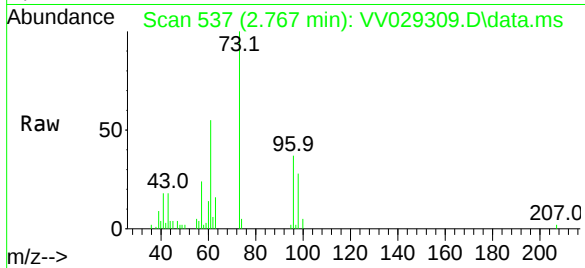
Tgt Ion: 73 Resp: 20028

Ion Ratio Lower Upper

73 100

43 18.1 13.2 19.8

57 21.7 16.9 25.3



#18

trans-1,2-Dichloroethene

Concen: 0.486 ug/L

RT: 2.757 min Scan# 534

Delta R.T. 0.003 min

Lab File: VV029309.D

Acq: 23 Nov 2022 21:28

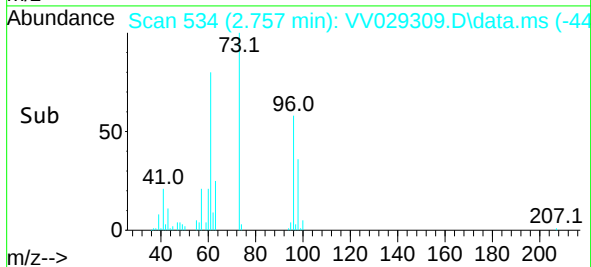
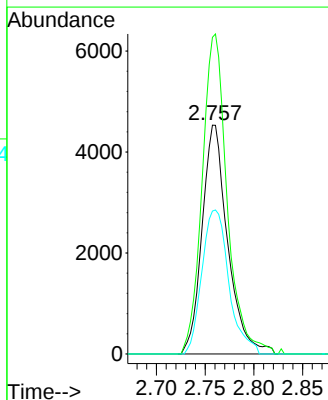
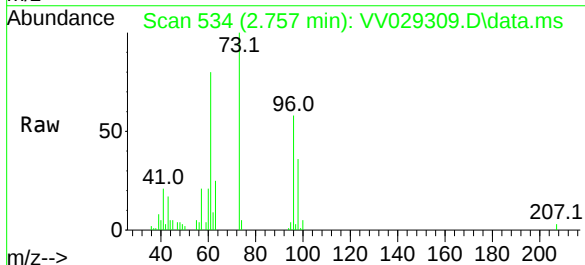
Tgt Ion: 96 Resp: 8295

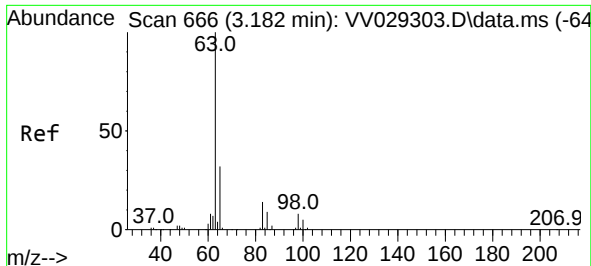
Ion Ratio Lower Upper

96 100

61 138.4 93.0 172.6

98 62.4 44.0 81.8





#19

1,1-Dichloroethane

Concen: 0.627 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029309.D

Acq: 23 Nov 2022 21:28

Instrument :

MSVOA_V

ClientSampleId :

BH1G7

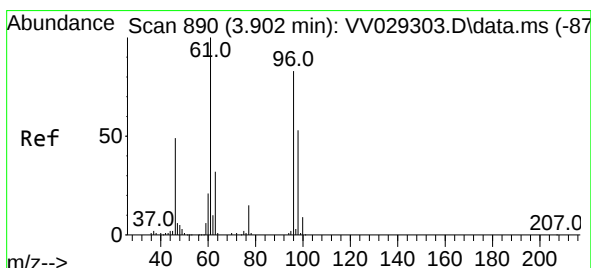
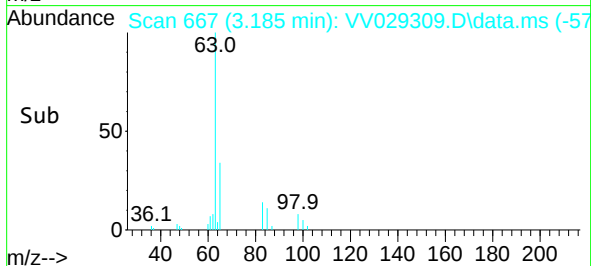
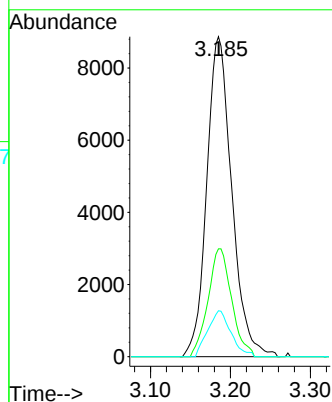
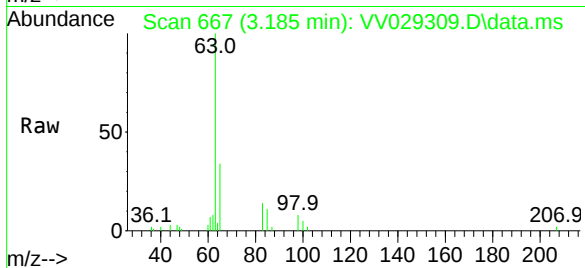
Tgt Ion: 63 Resp: 19266

Ion Ratio Lower Upper

63 100

65 33.7 21.6 40.2

83 14.3 10.3 19.1



#22

cis-1,2-Dichloroethene

Concen: 2.151 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV029309.D

Acq: 23 Nov 2022 21:28

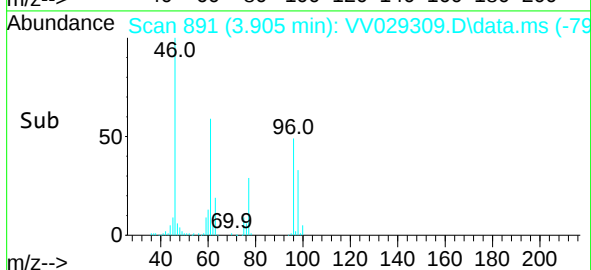
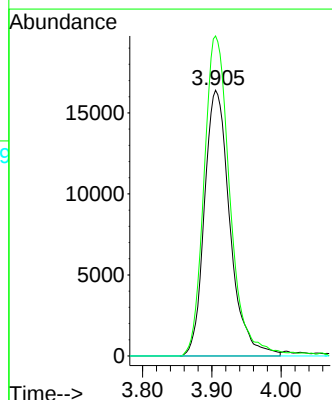
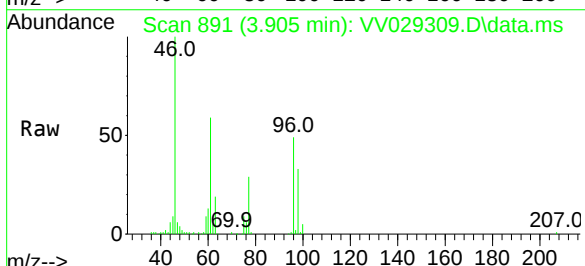
Tgt Ion: 96 Resp: 41977

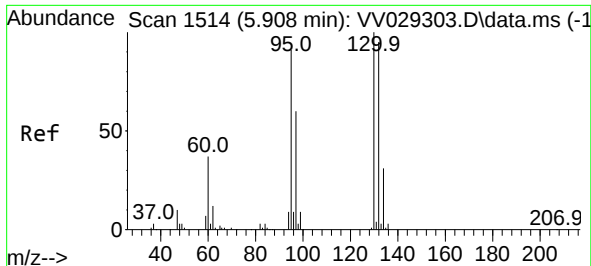
Ion Ratio Lower Upper

96 100

61 120.4 85.8 159.3

68 0.0 0.0 0.0

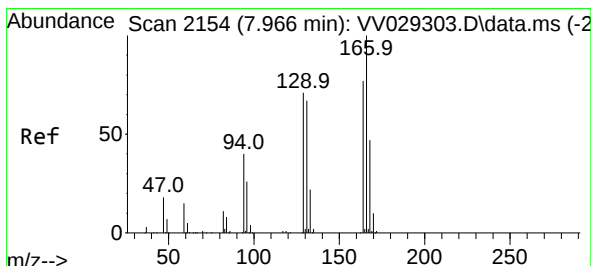
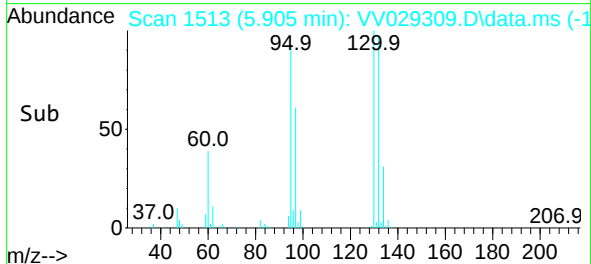
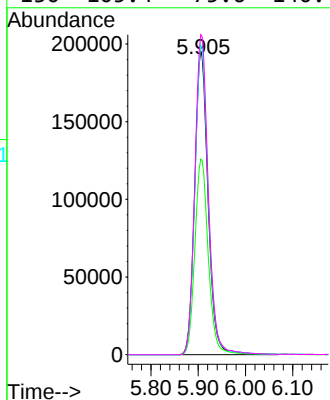
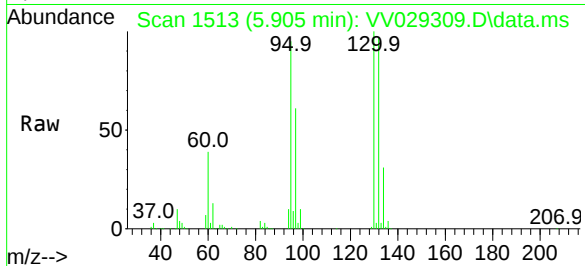




#34
 Trichloroethene
 Concen: 19.790 ug/L
 RT: 5.905 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV029309.D
 Acq: 23 Nov 2022 21:28

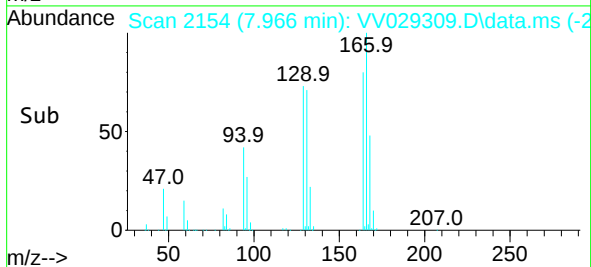
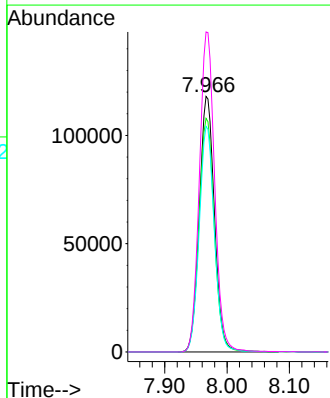
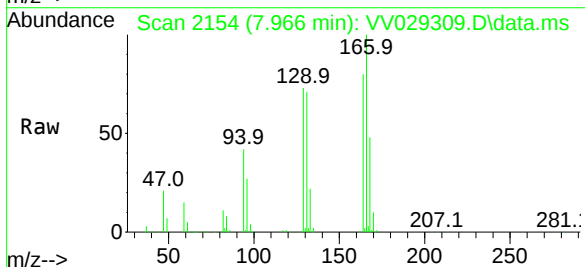
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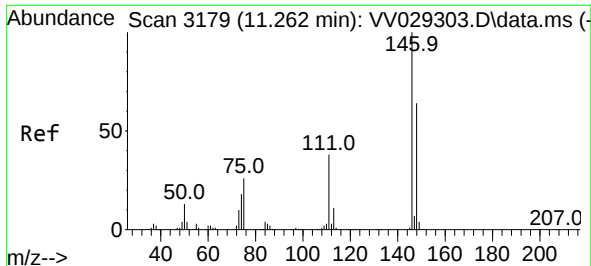
Tgt Ion: 95 Resp: 383790
 Ion Ratio Lower Upper
 95 100
 97 64.4 45.4 84.4
 132 102.1 73.3 136.1
 130 105.4 75.6 140.4



#47
 Tetrachloroethene
 Concen: 12.565 ug/L
 RT: 7.966 min Scan# 2154
 Delta R.T. 0.000 min
 Lab File: VV029309.D
 Acq: 23 Nov 2022 21:28

Tgt Ion: 164 Resp: 199746
 Ion Ratio Lower Upper
 164 100
 129 91.5 61.7 114.7
 131 88.3 62.9 116.9
 166 125.3 88.5 164.3





#65

1,4-Dichlorobenzene

Concen: 1.055 ug/L

RT: 11.262 min Scan# 3179

Delta R.T. 0.000 min

Lab File: VV029309.D

Acq: 23 Nov 2022 21:28

Instrument :

MSVOA_V

ClientSampleId :

BH1G7

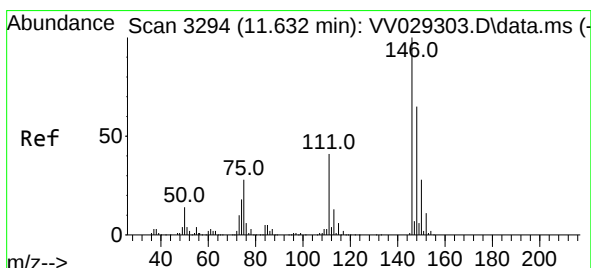
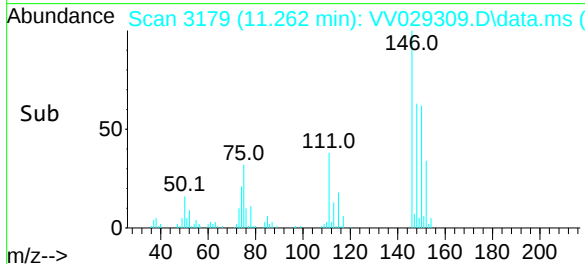
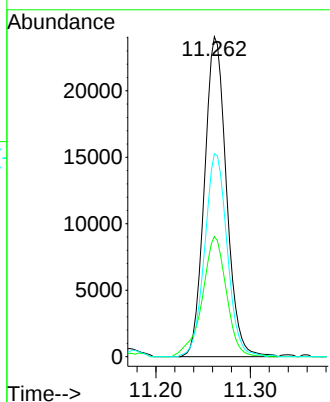
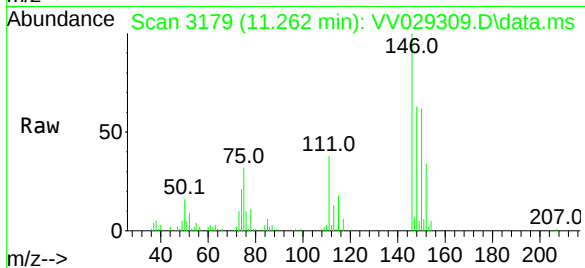
Tgt Ion:146 Resp: 38858

Ion Ratio Lower Upper

146 100

111 37.5 26.0 48.4

148 63.4 44.7 82.9



#67

1,2-Dichlorobenzene

Concen: 0.848 ug/L

RT: 11.635 min Scan# 3295

Delta R.T. 0.003 min

Lab File: VV029309.D

Acq: 23 Nov 2022 21:28

Tgt Ion:146 Resp: 29074

Ion Ratio Lower Upper

146 100

111 42.1 33.5 50.3

148 62.1 50.7 76.1

