

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029089.D
 Acq On : 18 Nov 2022 01:47
 Operator : SY/MD
 Sample : N5648-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46D7

Quant Time: Nov 18 06:02:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	257741	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	233105	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	102743	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	61021	3.883	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.568	69	51111	3.700	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.105	63	84884	2.964	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.200%#
20) 2-Butanone-d5	3.886	46	160950	61.190	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.380%
24) Chloroform-d	4.343	84	144417	4.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.027	65	70078	4.828	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.047	84	311181	4.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.066	67	89708	4.617	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.310	98	278656	4.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.622	79	27266	4.303	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.088	63	122710	45.367	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.740%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	69683	5.173	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	98576	5.363	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	4239	0.238	ug/L	95
5) Vinyl chloride	1.311	62	108932	5.356	ug/L	92
6) Bromomethane	1.526	94	806	0.066	ug/L	72
8) Chloroethane	1.397	64	138694	11.604	ug/L #	52
12) 1,1-Dichloroethene	2.118	96	2632	0.169	ug/L #	1
14) Carbon disulfide	2.294	76	3314	0.060	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	130759	3.909	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	89717	4.958	ug/L	93
19) 1,1-Dichloroethane	3.188	63	21471	0.726	ug/L	96
22) cis-1,2-Dichloroethene	3.902	96	1250391	67.966	ug/L	94
25) Chloroform	4.372	83	7389	0.238	ug/L	97
33) Benzene	5.105	78	15146	0.213	ug/L	100
34) Trichloroethene	5.908	95	395639	21.695	ug/L	98
35) Methylcyclohexane	6.066	83	22773	0.711	ug/L #	23
37) 1,2-Dichloropropane	6.066	63	9495	0.578	ug/L #	85
47) Tetrachloroethene	7.973	164	7203	0.493	ug/L	98
49) Dibromochloromethane	7.973	129	6751	0.519	ug/L #	10
61) 1,2,3-Trichloropropane	11.243	75	9267	1.320	ug/L #	63

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration

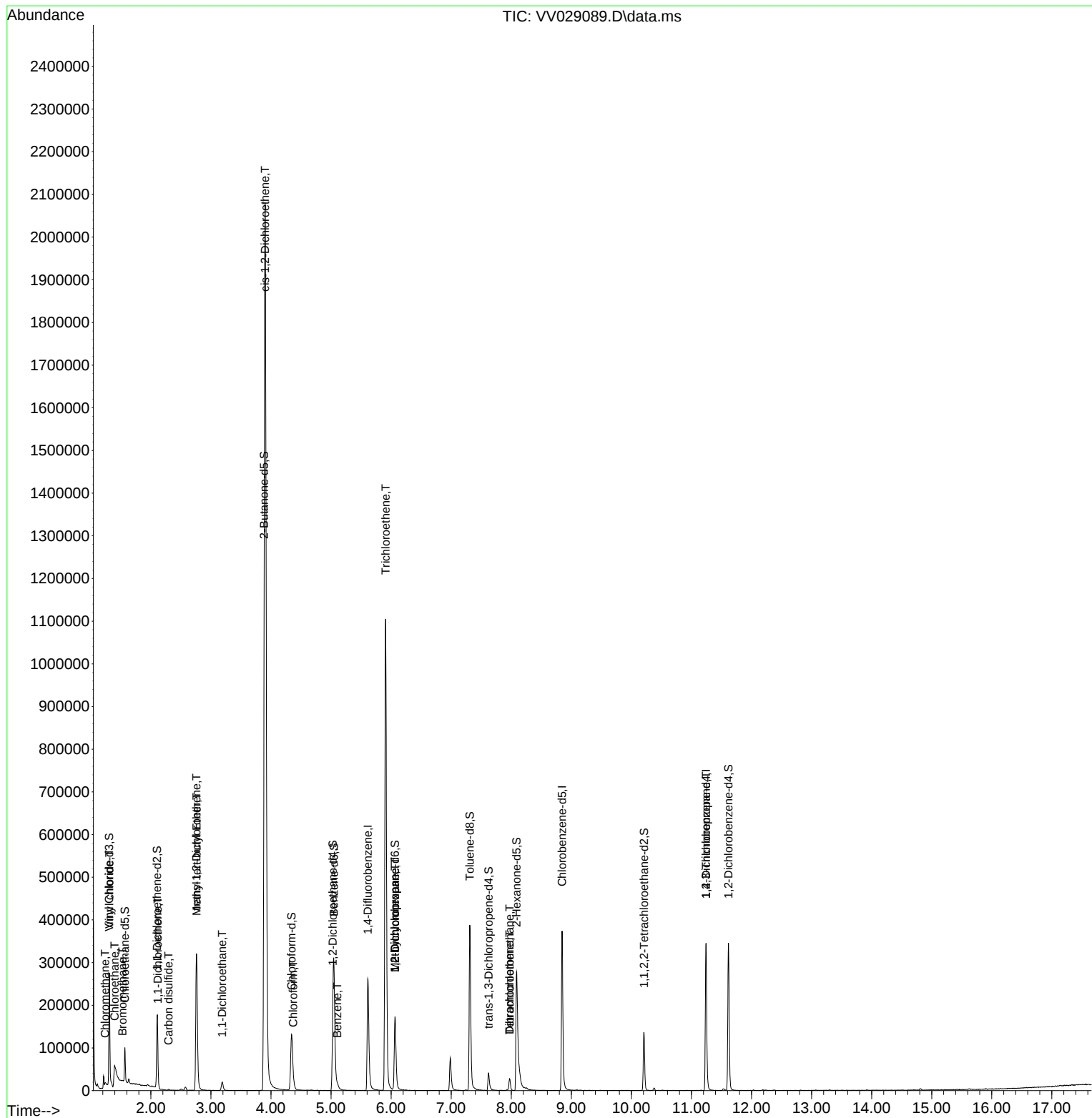
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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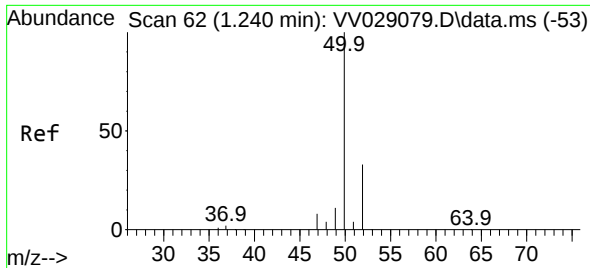
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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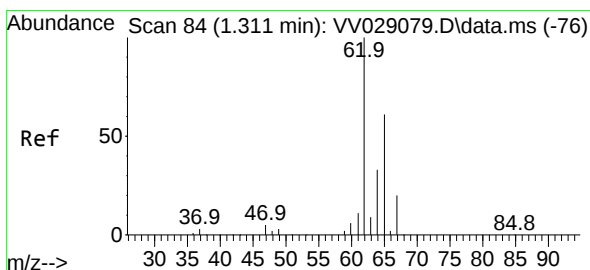
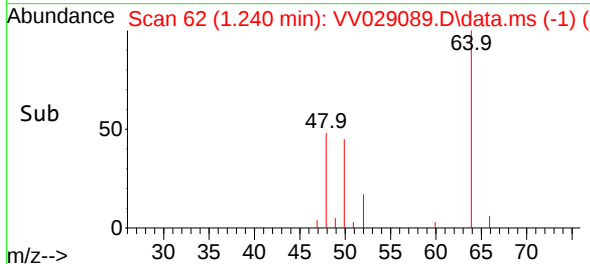
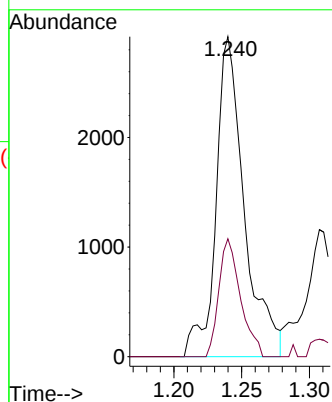
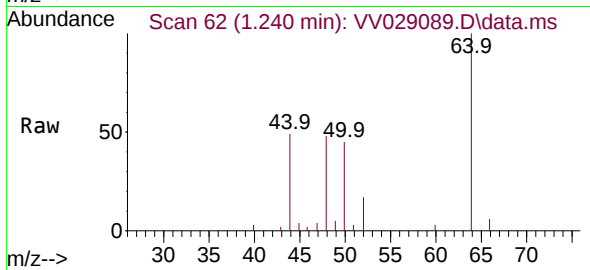




#3
Chloromethane
Concen: 0.238 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029089.D
Acq: 18 Nov 2022 01:47

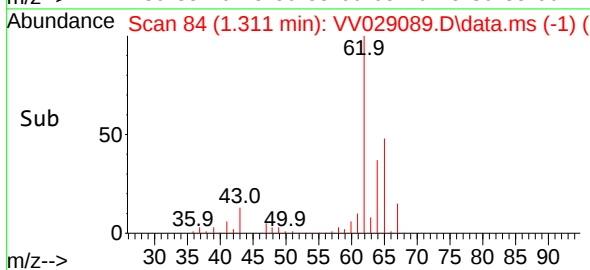
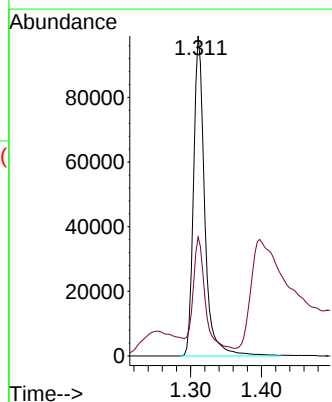
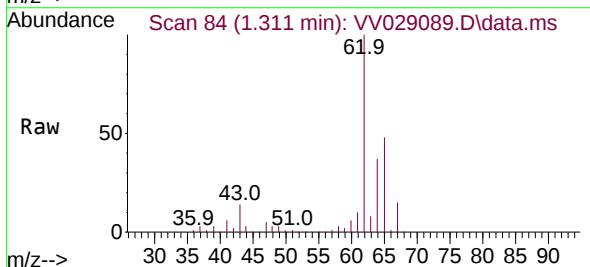
Instrument :
MSVOA_V
ClientSampleId :
H46D7

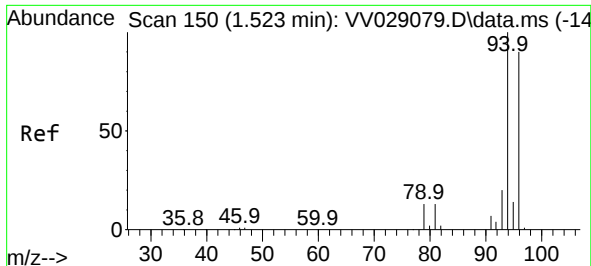
Tgt Ion: 50 Resp: 4239
Ion Ratio Lower Upper
50 100
52 36.8 23.7 43.9



#5
Vinyl chloride
Concen: 5.356 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029089.D
Acq: 18 Nov 2022 01:47

Tgt Ion: 62 Resp: 108932
Ion Ratio Lower Upper
62 100
64 37.1 22.8 42.4

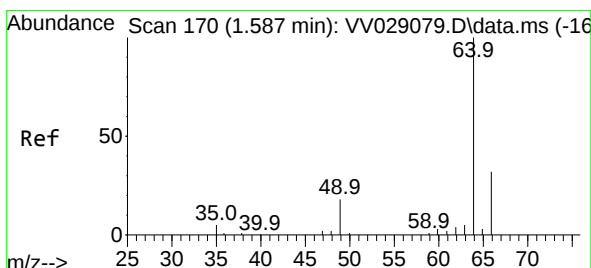
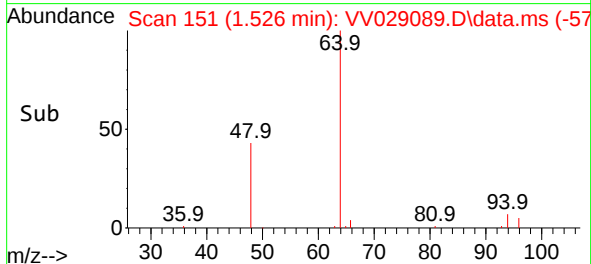
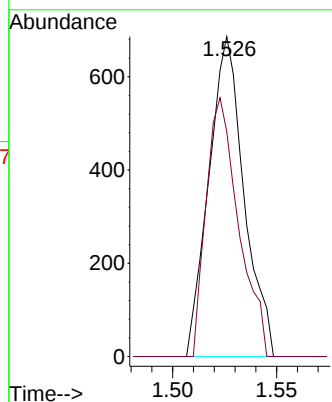
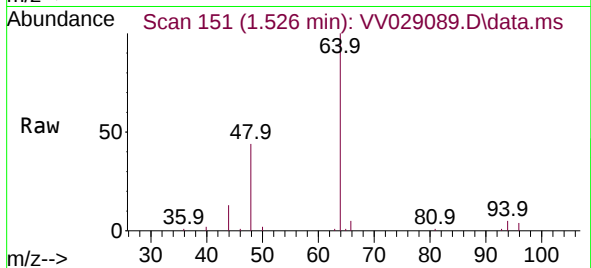




#6
Bromomethane
Concen: 0.066 ug/L
RT: 1.526 min Scan# 111
Delta R.T. 0.003 min
Lab File: VV029089.D
Acq: 18 Nov 2022 01:47

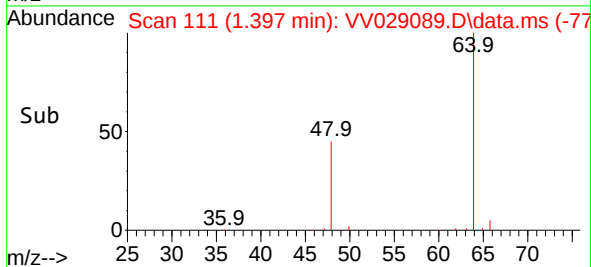
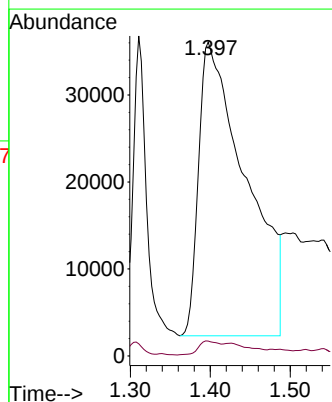
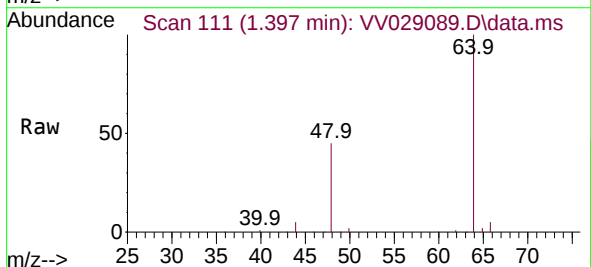
Instrument :
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ClientSampleId :
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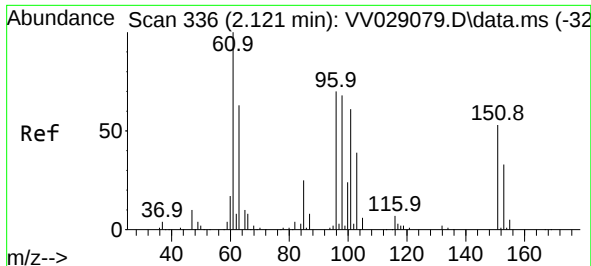
Tgt Ion: 94 Resp: 806
Ion Ratio Lower Upper
94 100
96 70.3 68.5 127.3



#8
Chloroethane
Concen: 11.604 ug/L
RT: 1.397 min Scan# 111
Delta R.T. -0.190 min
Lab File: VV029089.D
Acq: 18 Nov 2022 01:47

Tgt Ion: 64 Resp: 138694
Ion Ratio Lower Upper
64 100
66 4.7 22.0 40.8#

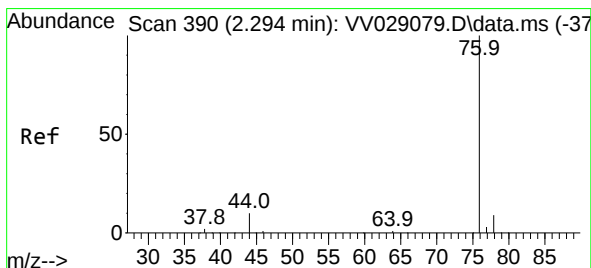
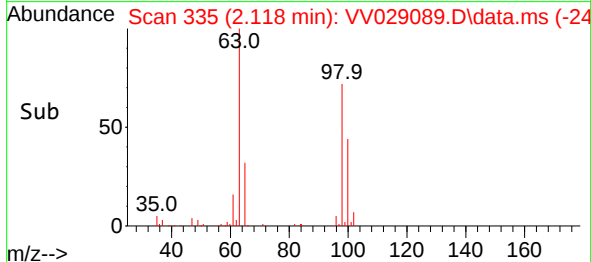
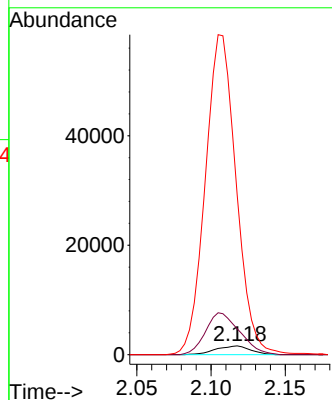
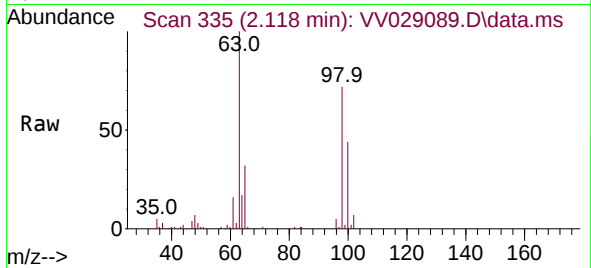




#12
1,1-Dichloroethene
Concen: 0.169 ug/L
RT: 2.118 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV029089.D
Acq: 18 Nov 2022 01:47

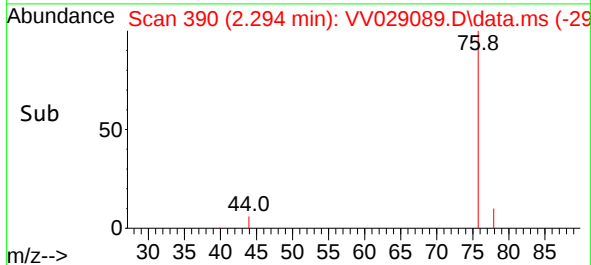
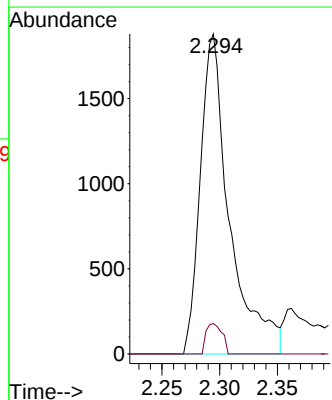
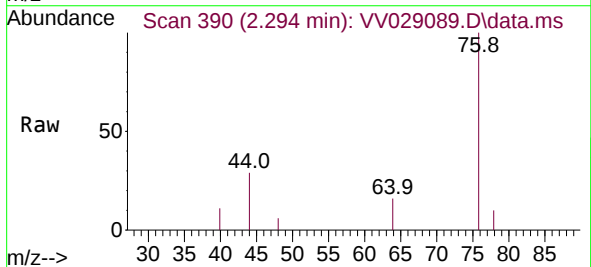
Instrument :
MSVOA_V
ClientSampleId :
H46D7

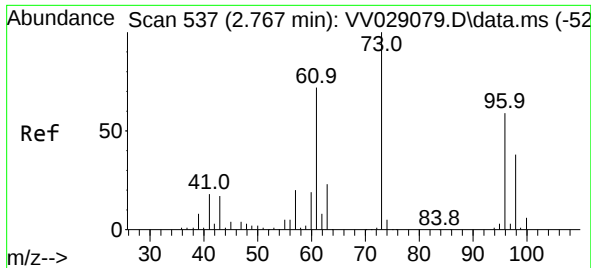
Tgt Ion: 96 Resp: 2632
Ion Ratio Lower Upper
96 100
61 294.6 104.2 193.4#
63 1819.0 75.9 140.9#



#14
Carbon disulfide
Concen: 0.060 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV029089.D
Acq: 18 Nov 2022 01:47

Tgt Ion: 76 Resp: 3314
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2

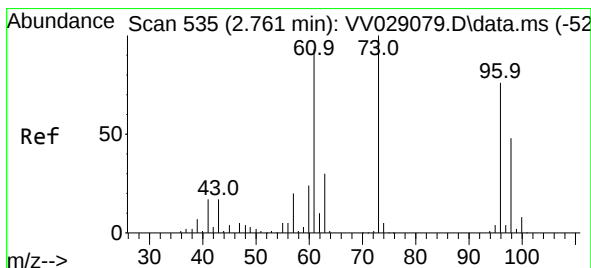
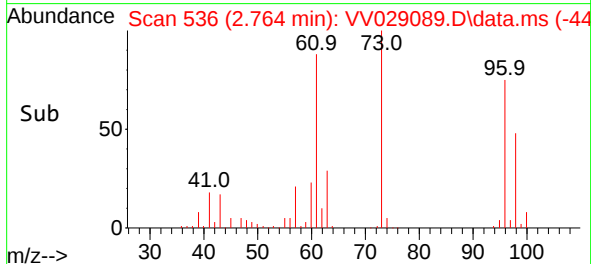
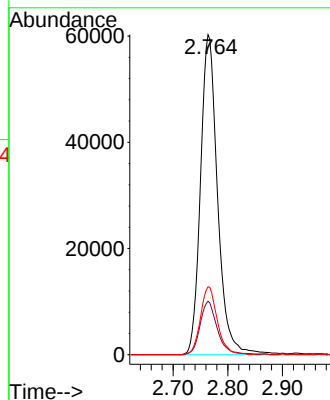
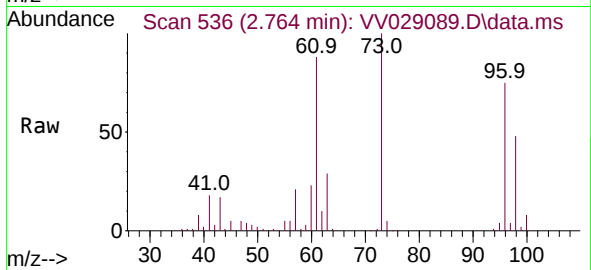




#17
Methyl tert-butyl Ether
Concen: 3.909 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029089.D
Acq: 18 Nov 2022 01:47

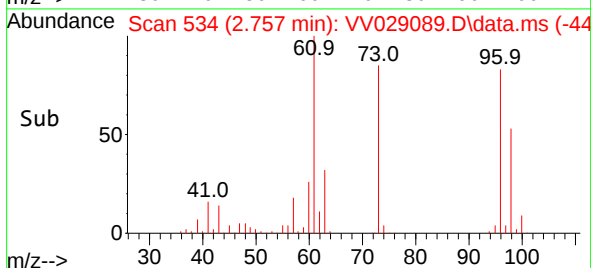
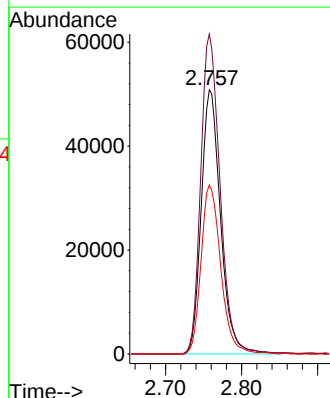
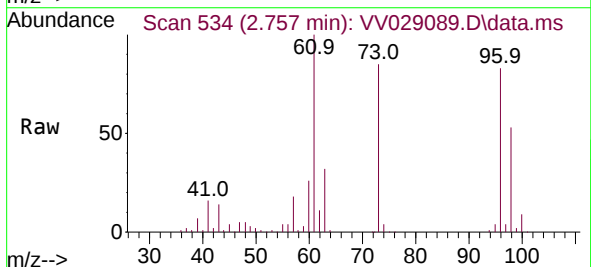
Instrument :
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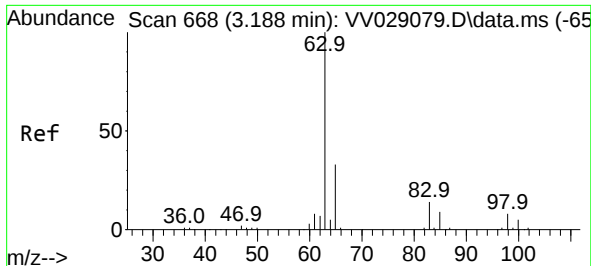
Tgt Ion: 73 Resp: 130759
Ion Ratio Lower Upper
73 100
43 16.8 13.0 19.4
57 20.9 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 4.958 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV029089.D
Acq: 18 Nov 2022 01:47

Tgt Ion: 96 Resp: 89717
Ion Ratio Lower Upper
96 100
61 121.1 91.8 170.6
98 64.0 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.726 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV029089.D

Acq: 18 Nov 2022 01:47

Instrument :

MSVOA_V

ClientSampleId :

H46D7

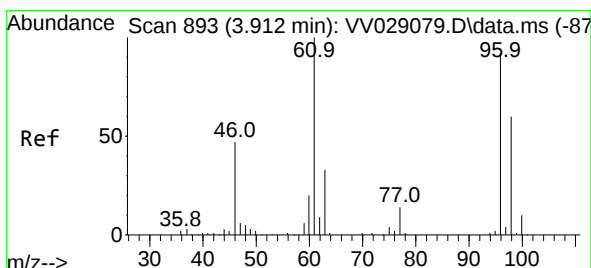
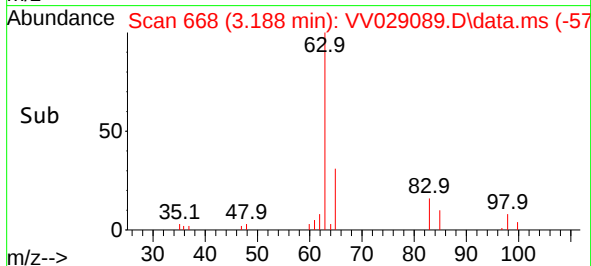
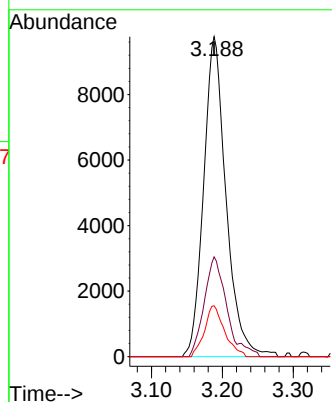
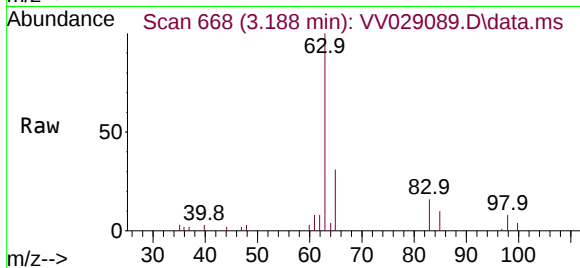
Tgt Ion: 63 Resp: 21471

Ion Ratio Lower Upper

63 100

65 31.2 23.0 42.6

83 15.9 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 67.966 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.010 min

Lab File: VV029089.D

Acq: 18 Nov 2022 01:47

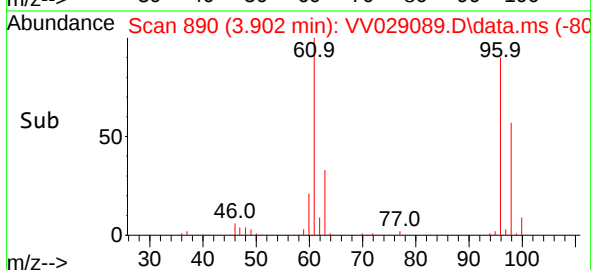
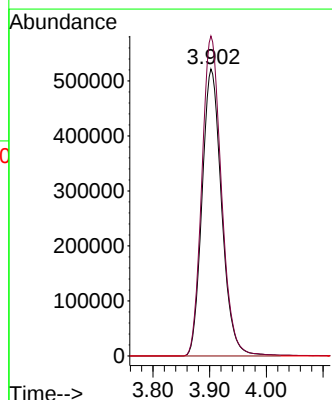
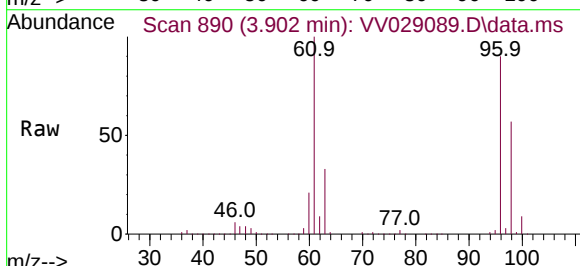
Tgt Ion: 96 Resp: 1250391

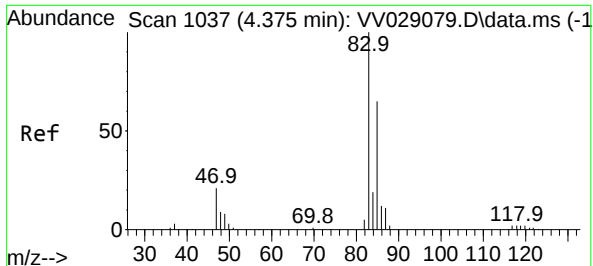
Ion Ratio Lower Upper

96 100

61 111.5 82.3 152.9

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.238 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV029089.D

Acq: 18 Nov 2022 01:47

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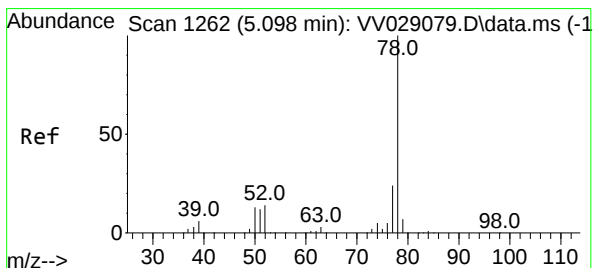
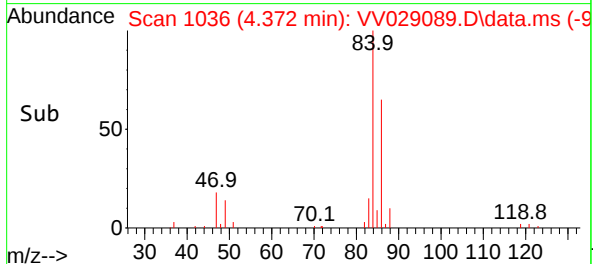
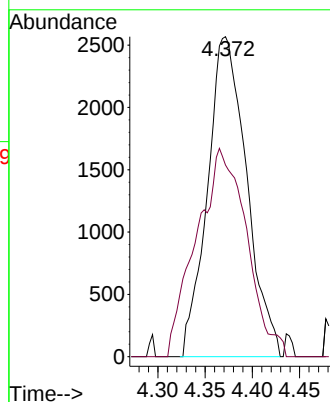
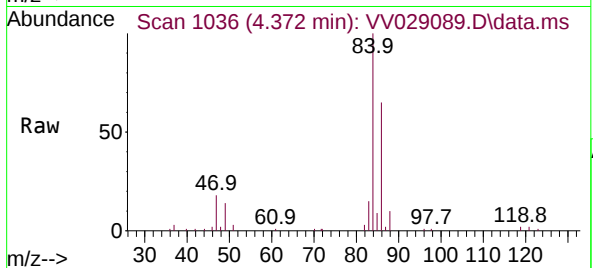
H46D7

Tgt Ion: 83 Resp: 7389

Ion Ratio Lower Upper

83 100

85 59.9 43.7 81.1



#33

Benzene

Concen: 0.213 ug/L

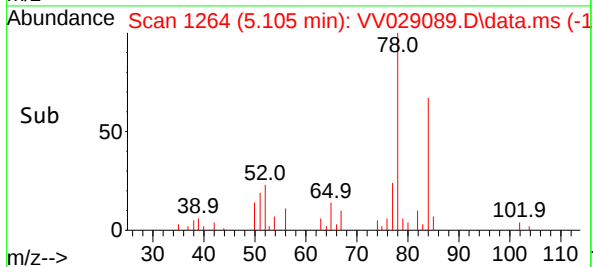
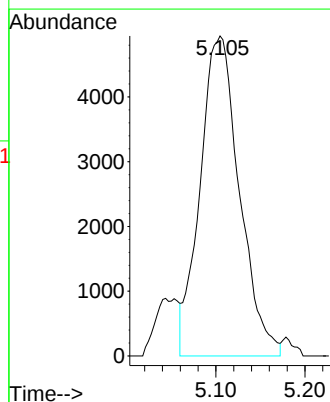
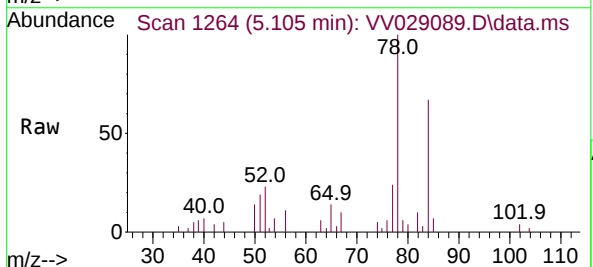
RT: 5.105 min Scan# 1264

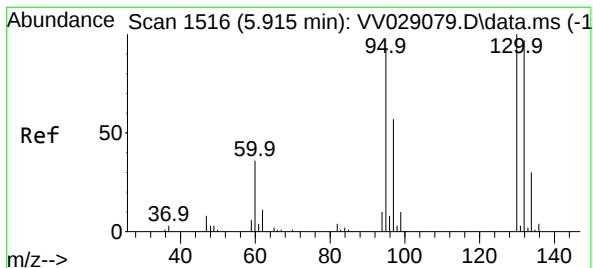
Delta R.T. 0.006 min

Lab File: VV029089.D

Acq: 18 Nov 2022 01:47

Tgt Ion: 78 Resp: 15146





#34

Trichloroethene

Concen: 21.695 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV029089.D

Acq: 18 Nov 2022 01:47

Instrument :

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Tgt Ion: 95 Resp: 395639

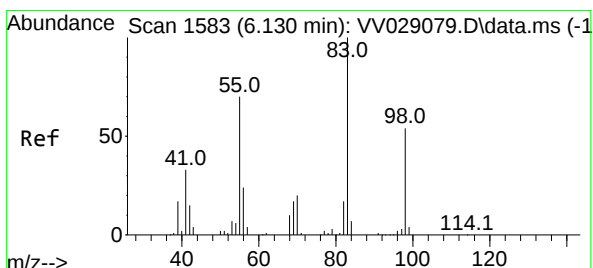
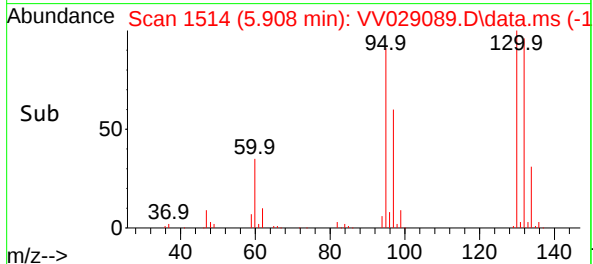
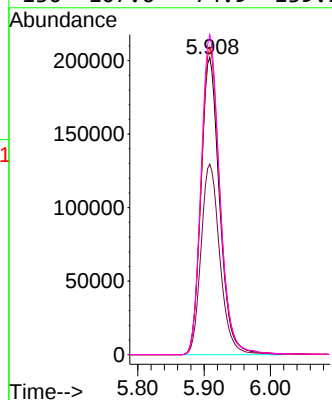
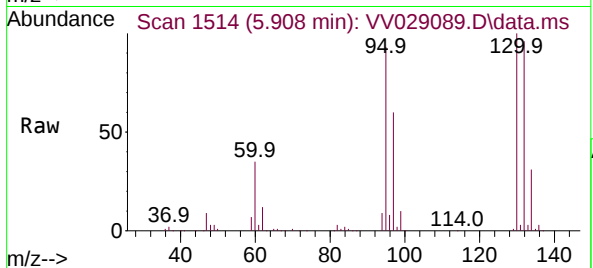
Ion Ratio Lower Upper

95 100

97 64.1 45.6 84.8

132 103.5 69.1 128.3

130 107.6 74.9 139.1



#35

Methylcyclohexane

Concen: 0.711 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.064 min

Lab File: VV029089.D

Acq: 18 Nov 2022 01:47

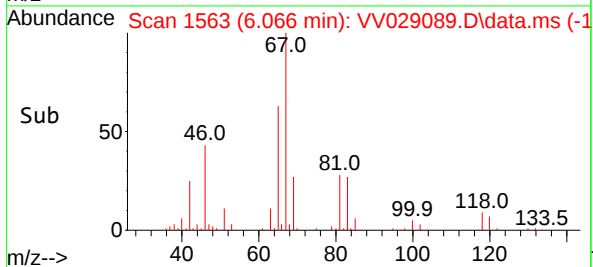
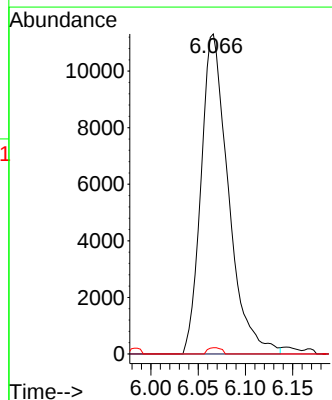
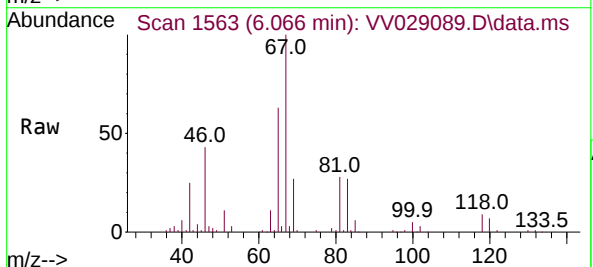
Tgt Ion: 83 Resp: 22773

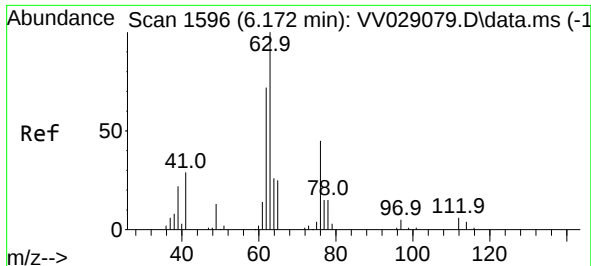
Ion Ratio Lower Upper

83 100

55 0.0 55.8 83.6#

98 3.5 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.578 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV029089.D

Acq: 18 Nov 2022 01:47

Instrument :

MSVOA_V

ClientSampleId :

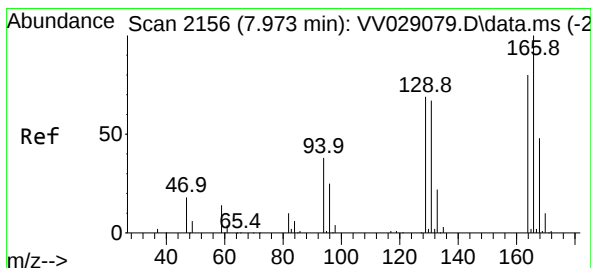
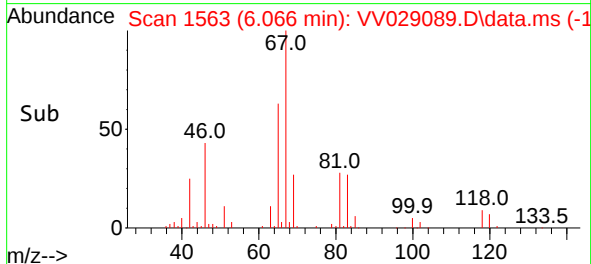
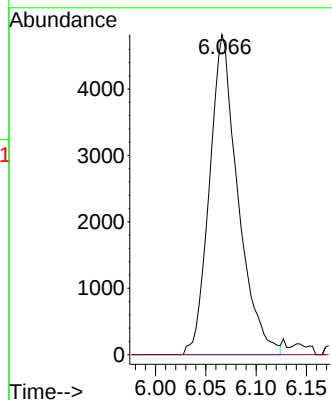
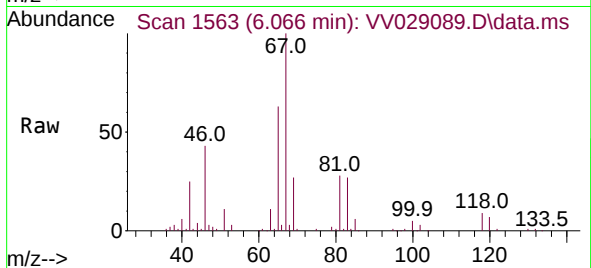
H46D7

Tgt Ion: 63 Resp: 9495

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#47

Tetrachloroethene

Concen: 0.493 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV029089.D

Acq: 18 Nov 2022 01:47

Tgt Ion: 164 Resp: 7203

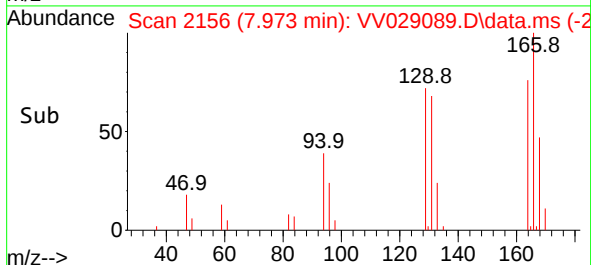
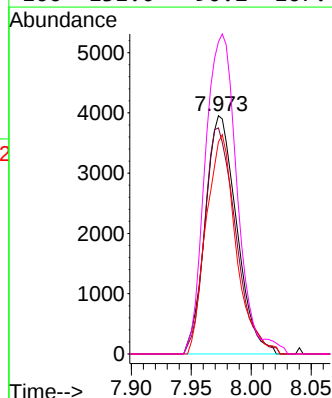
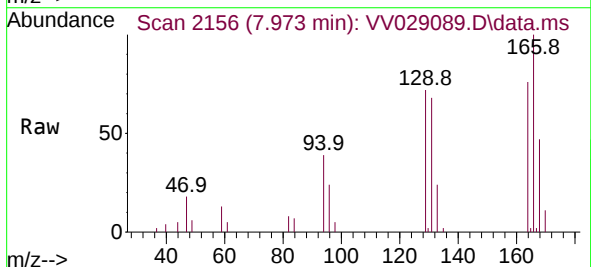
Ion Ratio Lower Upper

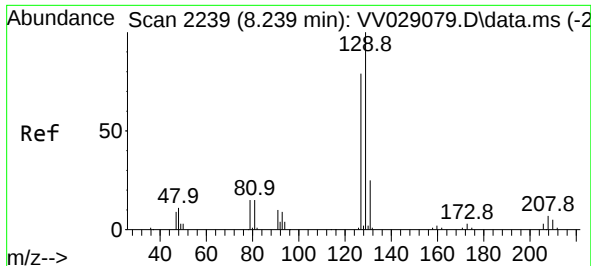
164 100

129 94.9 63.9 118.7

131 89.0 61.8 114.8

166 131.0 90.2 167.4





#49

Dibromochloromethane

Concen: 0.519 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.267 min

Lab File: VV029089.D

Acq: 18 Nov 2022 01:47

Instrument :

MSVOA_V

ClientSampleId :

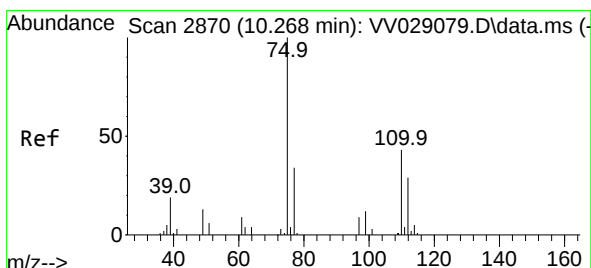
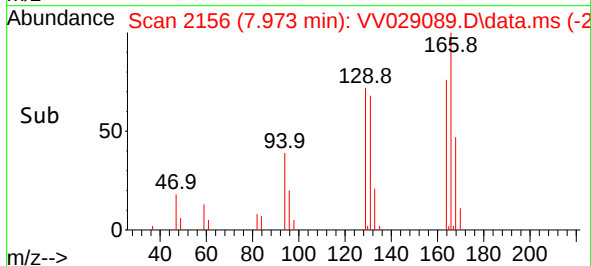
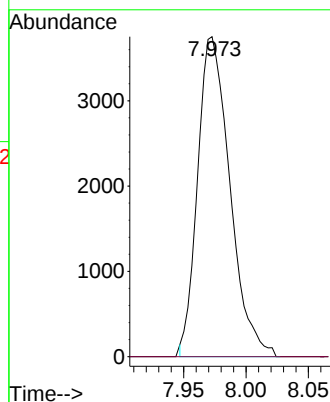
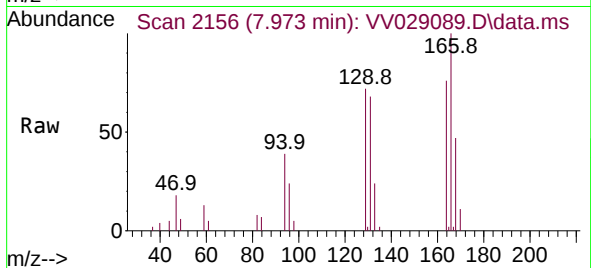
H46D7

Tgt Ion:129 Resp: 6751

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.320 ug/L

RT: 11.243 min Scan# 3173

Delta R.T. 0.974 min

Lab File: VV029089.D

Acq: 18 Nov 2022 01:47

Tgt Ion: 75 Resp: 9267

Ion Ratio Lower Upper

75 100

77 34.3 26.2 39.2

110 1.0 32.6 48.8#

