

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112922\
 Data File : VW029379.D
 Acq On : 29 Nov 2022 15:13
 Operator : SY/MD
 Sample : N5810-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCE0

Quant Time: Nov 30 00:20:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 30 00:19:33 2022
 Response via : Initial Calibration

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

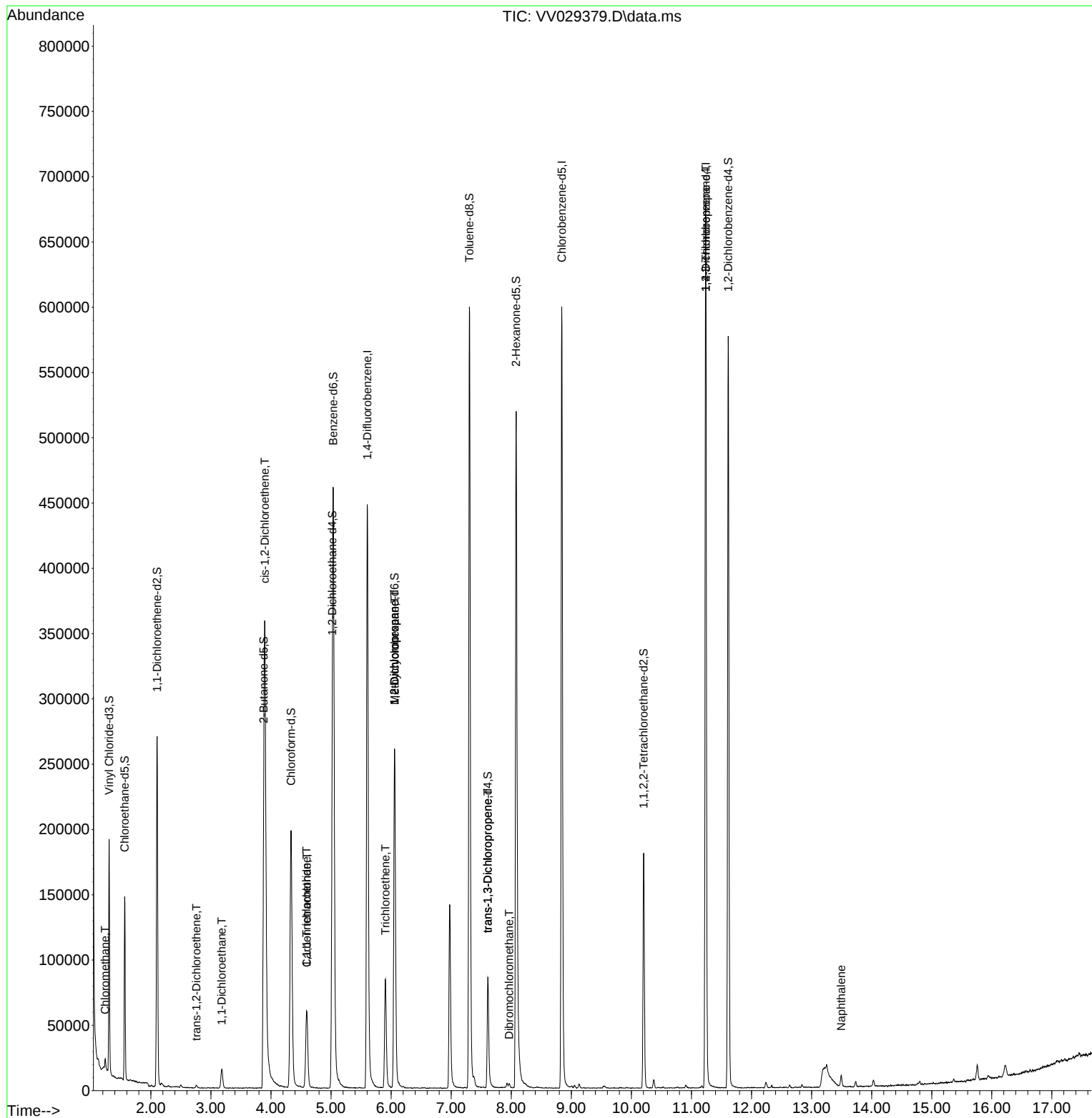
Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	415321	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	357083	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	190561	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	113698	4.448	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.565	69	90622	4.844	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.105	63	139101	3.401	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	3.880	46	228686	53.485	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.980%
24) Chloroform-d	4.333	84	213492	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.021	65	98829	4.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.037	84	463794	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.056	67	141436	5.100	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.304	98	423975	4.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	7.609	79	52131	4.876	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.082	63	204127	53.561	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.120%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	89770	5.246	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	158152	4.751	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	6281	0.221	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	1096	0.045	ug/L #	61
19) 1,1-Dichloroethane	3.179	63	15706	0.356	ug/L	96
22) cis-1,2-Dichloroethene	3.899	96	168937	6.026	ug/L	96
29) 1,1,1-Trichloroethane	4.593	97	48738	1.187	ug/L	96
31) Carbon tetrachloride	4.597	117	7076	0.204	ug/L	99
34) Trichloroethene	5.905	95	30043	1.103	ug/L	99
35) Methylcyclohexane	6.060	83	32931	0.716	ug/L #	22
37) 1,2-Dichloropropane	6.056	63	14541	0.578	ug/L #	85
44) trans-1,3-Dichloropropene	7.609	75	2358	0.081	ug/L	91
49) Dibromochloromethane	7.963	129	721	0.038	ug/L #	11
61) 1,2,3-Trichloropropane	11.239	75	21388	1.618	ug/L #	65
71) Naphthalene	13.493	128	9108	0.274	ug/L	95

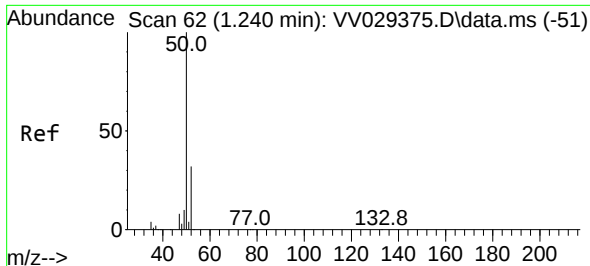
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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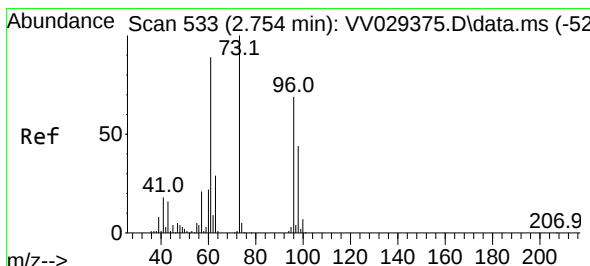
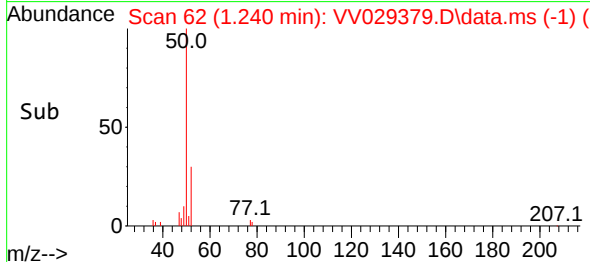
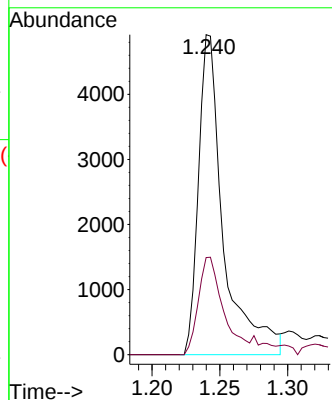
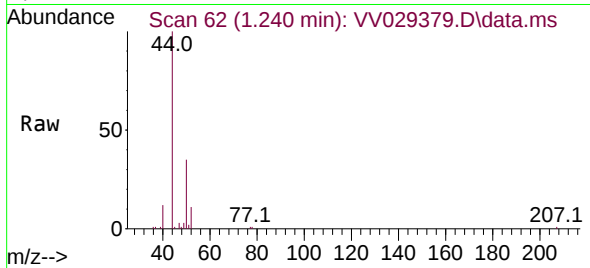




#3
Chloromethane
Concen: 0.221 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029379.D
Acq: 29 Nov 2022 15:13

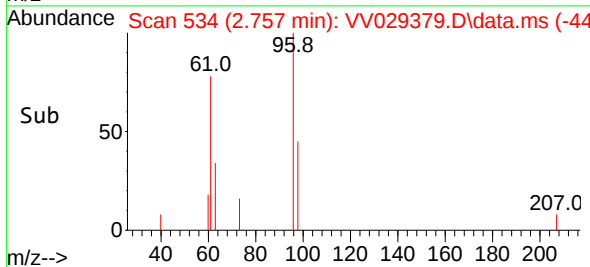
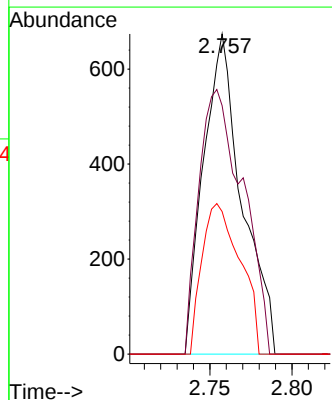
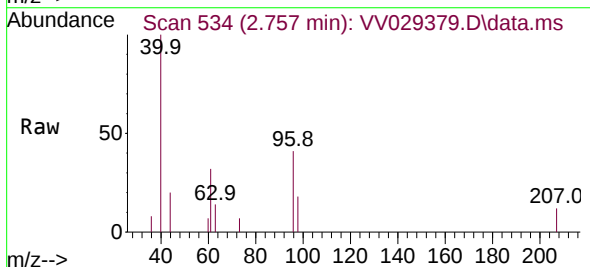
Instrument :
MSVOA_V
ClientSampleId :
BGCE0

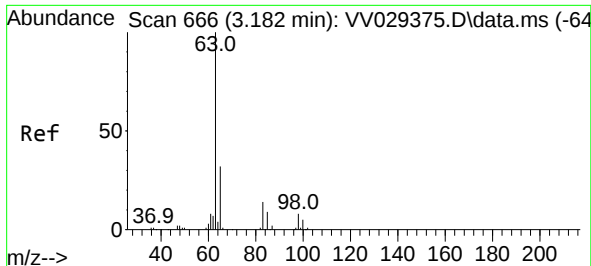
Tgt Ion: 50 Resp: 6281
Ion Ratio Lower Upper
50 100
52 30.3 23.2 43.2



#18
trans-1,2-Dichloroethene
Concen: 0.045 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV029379.D
Acq: 29 Nov 2022 15:13

Tgt Ion: 96 Resp: 1096
Ion Ratio Lower Upper
96 100
61 77.6 93.0 172.6#
98 44.5 44.0 81.8





#19

1,1-Dichloroethane

Concen: 0.356 ug/L

RT: 3.179 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV029379.D

Acq: 29 Nov 2022 15:13

Instrument :

MSVOA_V

ClientSampleId :

BGCE0

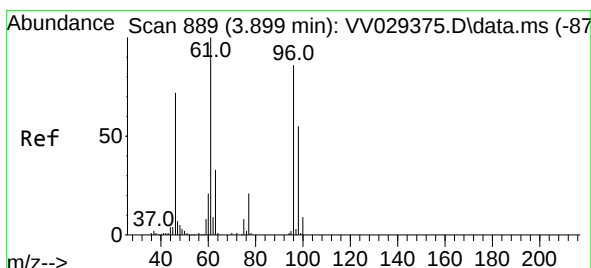
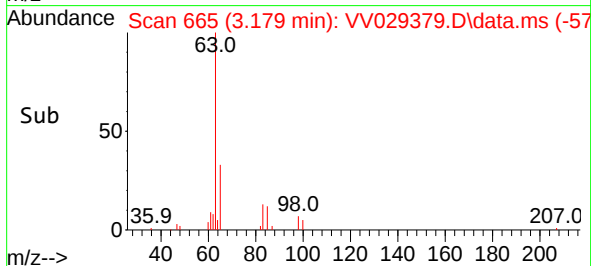
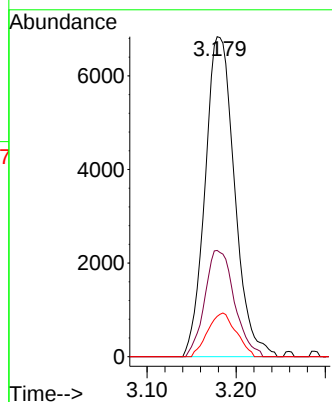
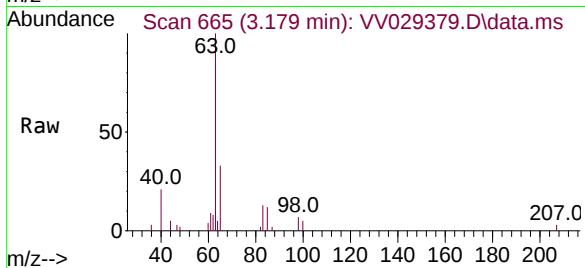
Tgt Ion: 63 Resp: 15706

Ion Ratio Lower Upper

63 100

65 33.2 21.6 40.2

83 12.6 10.3 19.1



#22

cis-1,2-Dichloroethene

Concen: 6.026 ug/L

RT: 3.899 min Scan# 889

Delta R.T. 0.000 min

Lab File: VV029379.D

Acq: 29 Nov 2022 15:13

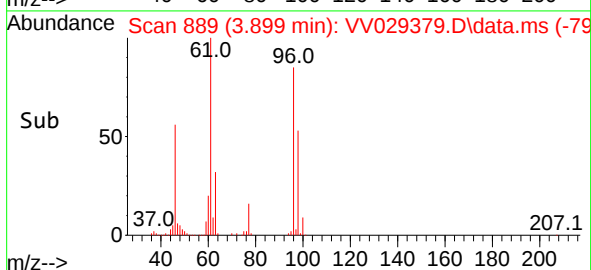
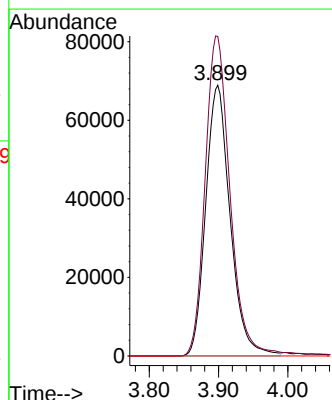
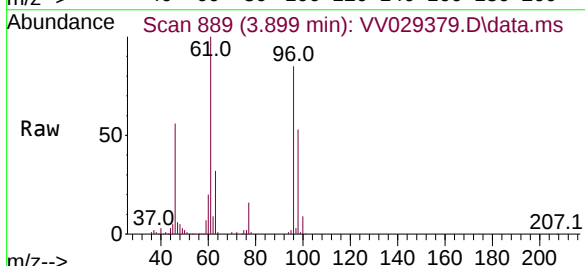
Tgt Ion: 96 Resp: 168937

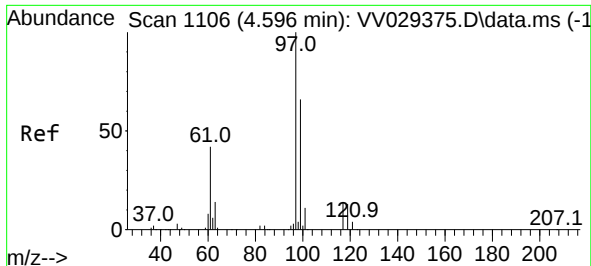
Ion Ratio Lower Upper

96 100

61 118.0 85.8 159.3

68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 1.187 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.003 min

Lab File: VV029379.D

Acq: 29 Nov 2022 15:13

Instrument :

MSVOA_V

ClientSampleId :

BGCE0

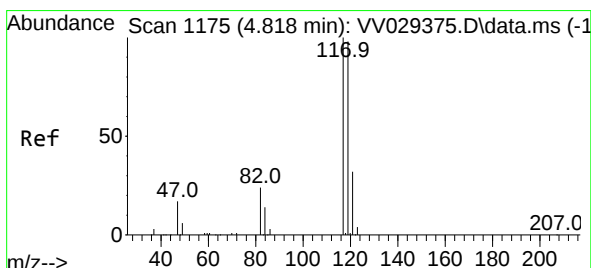
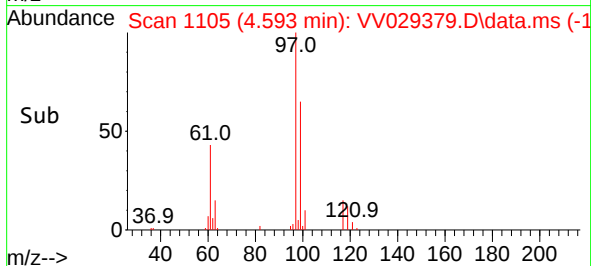
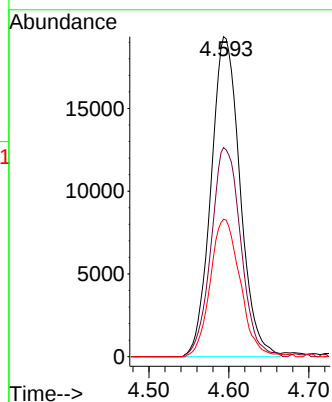
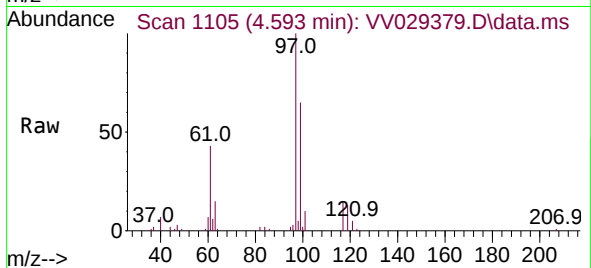
Tgt Ion: 97 Resp: 48738

Ion Ratio Lower Upper

97 100

99 67.0 51.2 76.8

61 44.2 33.3 49.9



#31

Carbon tetrachloride

Concen: 0.204 ug/L

RT: 4.597 min Scan# 1106

Delta R.T. -0.222 min

Lab File: VV029379.D

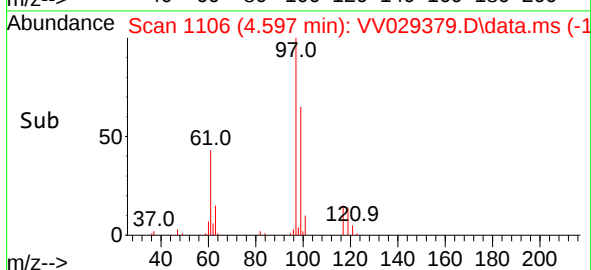
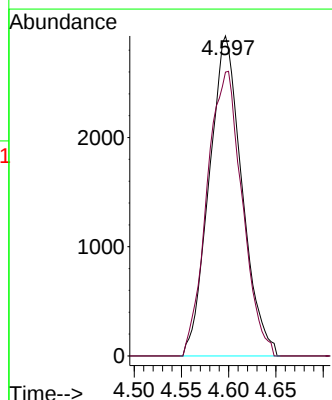
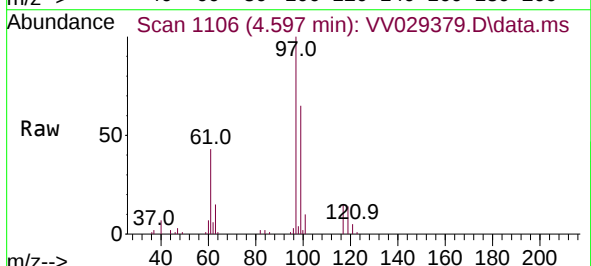
Acq: 29 Nov 2022 15:13

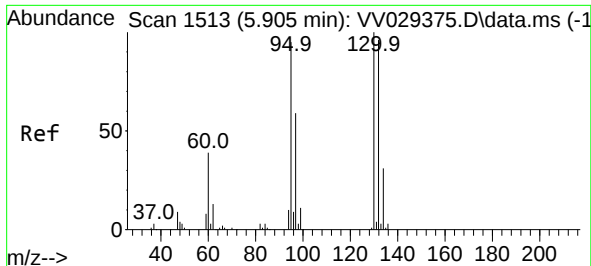
Tgt Ion: 117 Resp: 7076

Ion Ratio Lower Upper

117 100

119 95.1 75.7 113.5

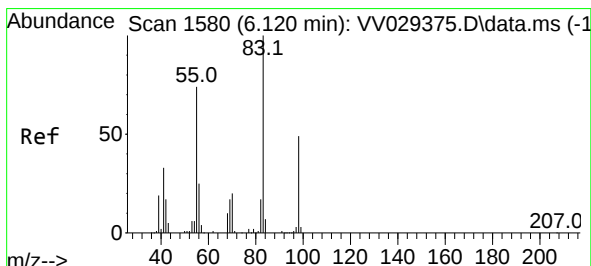
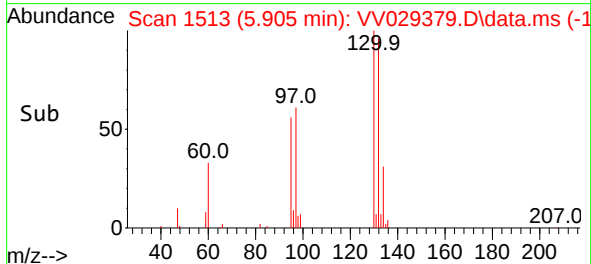
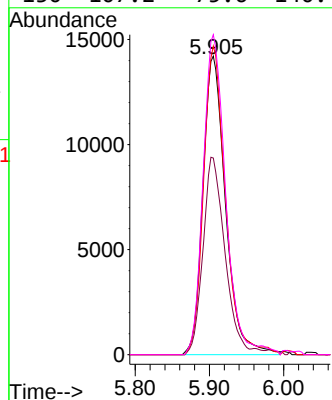
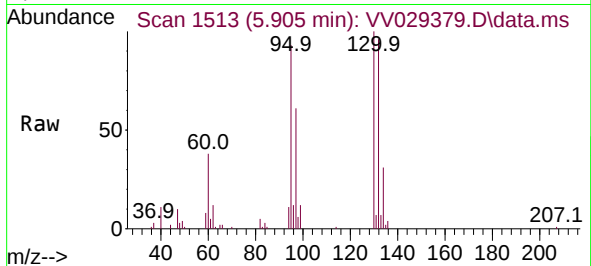




#34
Trichloroethene
Concen: 1.103 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VV029379.D
Acq: 29 Nov 2022 15:13

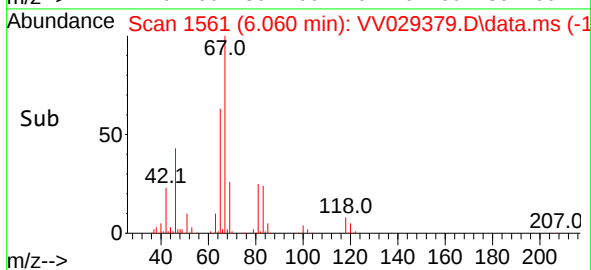
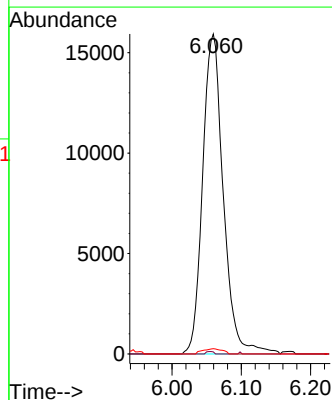
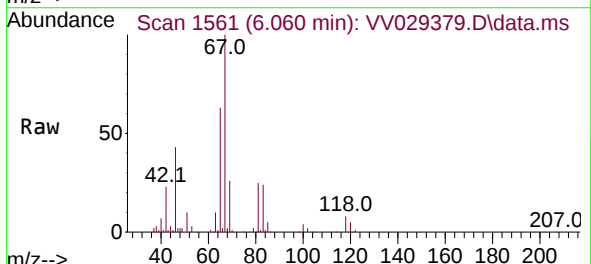
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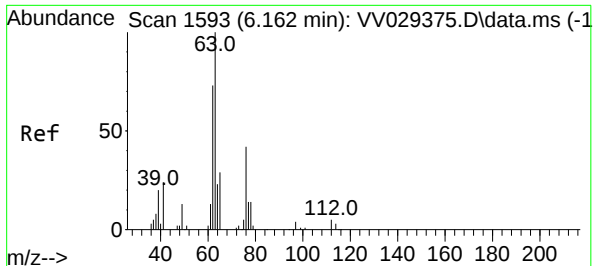
Tgt Ion:	95	Resp:	30043
Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.4	84.4
132	103.4	73.3	136.1
130	107.2	75.6	140.4



#35
Methylcyclohexane
Concen: 0.716 ug/L
RT: 6.060 min Scan# 1561
Delta R.T. -0.061 min
Lab File: VV029379.D
Acq: 29 Nov 2022 15:13

Tgt Ion:	83	Resp:	32931
Ion	Ratio	Lower	Upper
83	100		
55	0.3	55.4	83.2#
98	1.6	39.4	59.2#

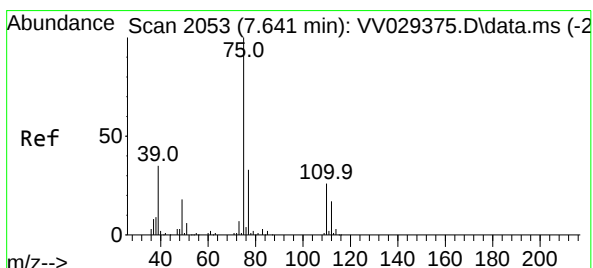
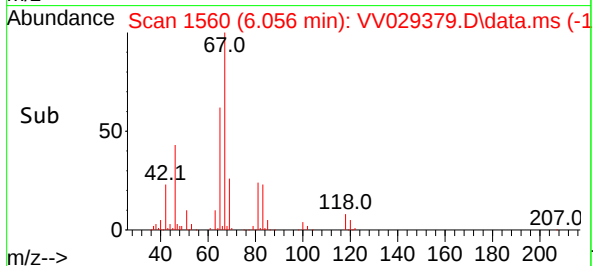
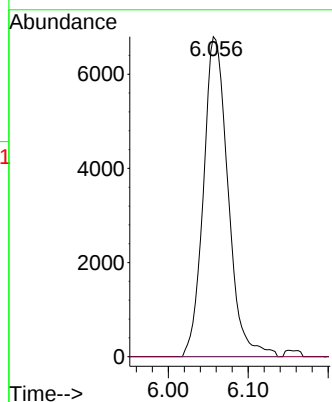
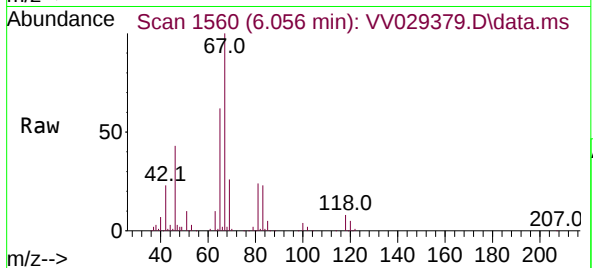




#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 6.056 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV029379.D
Acq: 29 Nov 2022 15:13

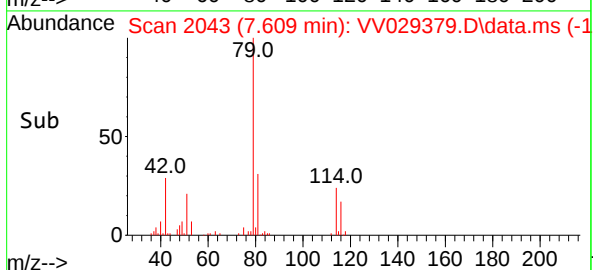
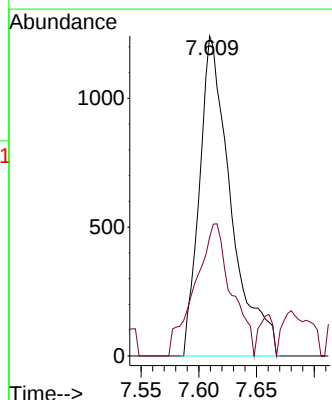
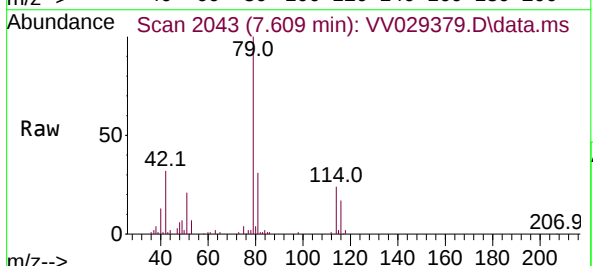
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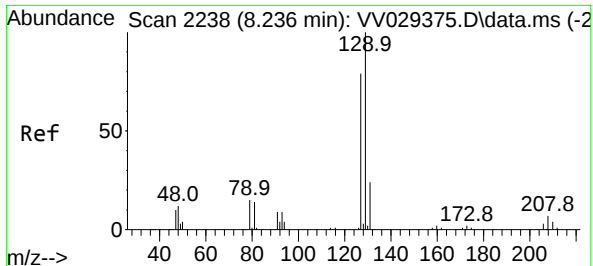
Tgt Ion: 63 Resp: 14541
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



#44
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 7.609 min Scan# 2043
Delta R.T. -0.032 min
Lab File: VV029379.D
Acq: 29 Nov 2022 15:13

Tgt Ion: 75 Resp: 2358
Ion Ratio Lower Upper
75 100
77 37.1 22.4 41.6





#49

Dibromochloromethane

Concen: 0.038 ug/L

RT: 7.963 min Scan# 2153

Delta R.T. -0.273 min

Lab File: VV029379.D

Acq: 29 Nov 2022 15:13

Instrument :

MSVOA_V

ClientSampleId :

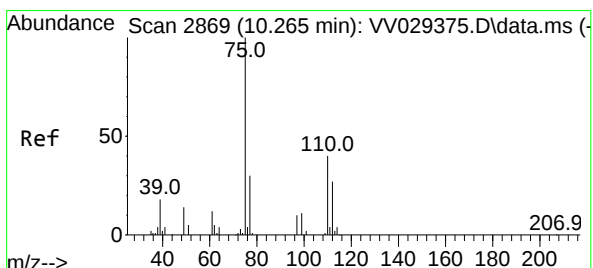
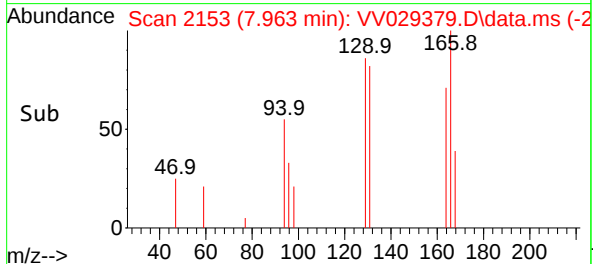
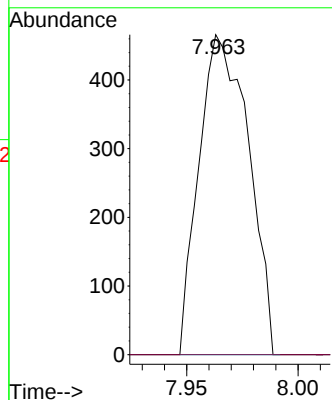
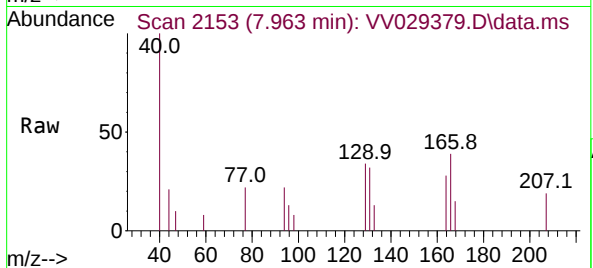
BGCE0

Tgt Ion:129 Resp: 721

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.7#



#61

1,2,3-Trichloropropane

Concen: 1.618 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV029379.D

Acq: 29 Nov 2022 15:13

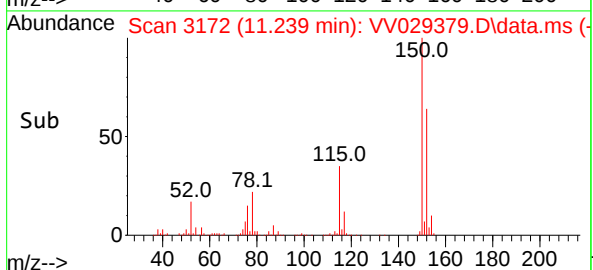
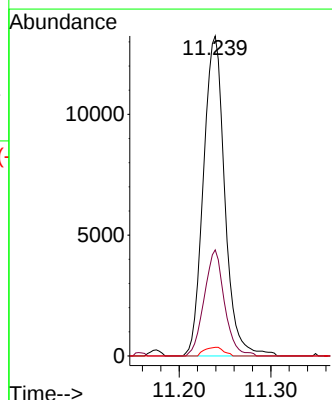
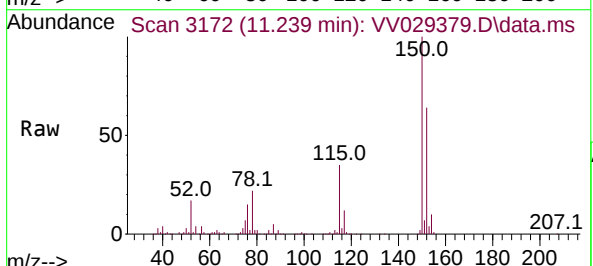
Tgt Ion: 75 Resp: 21388

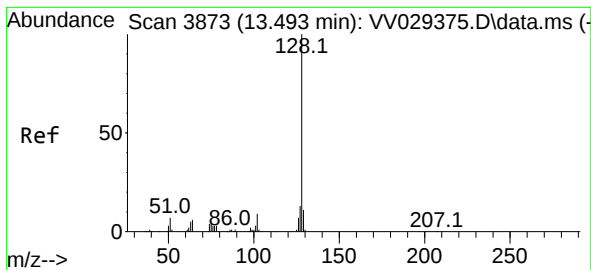
Ion Ratio Lower Upper

75 100

77 31.5 26.7 40.1

110 2.4 32.2 48.4#





#71

Naphthalene

Concen: 0.274 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV029379.D

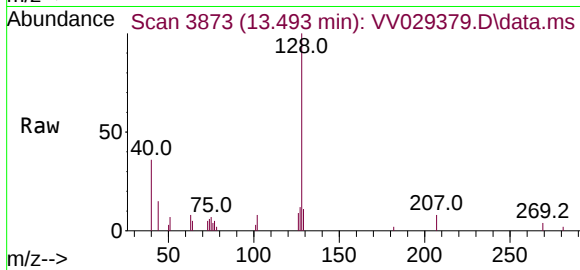
Acq: 29 Nov 2022 15:13

Instrument :

MSVOA_V

ClientSampleId :

BGCE0



Tgt Ion:128 Resp: 9108

Ion Ratio Lower Upper

128 100

129 9.0 8.9 13.3

127 11.1 10.6 15.8

