

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100322\
 Data File : VV028279.D
 Acq On : 03 Oct 2022 15:33
 Operator : SY/MD
 Sample : N4730-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 02:44:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

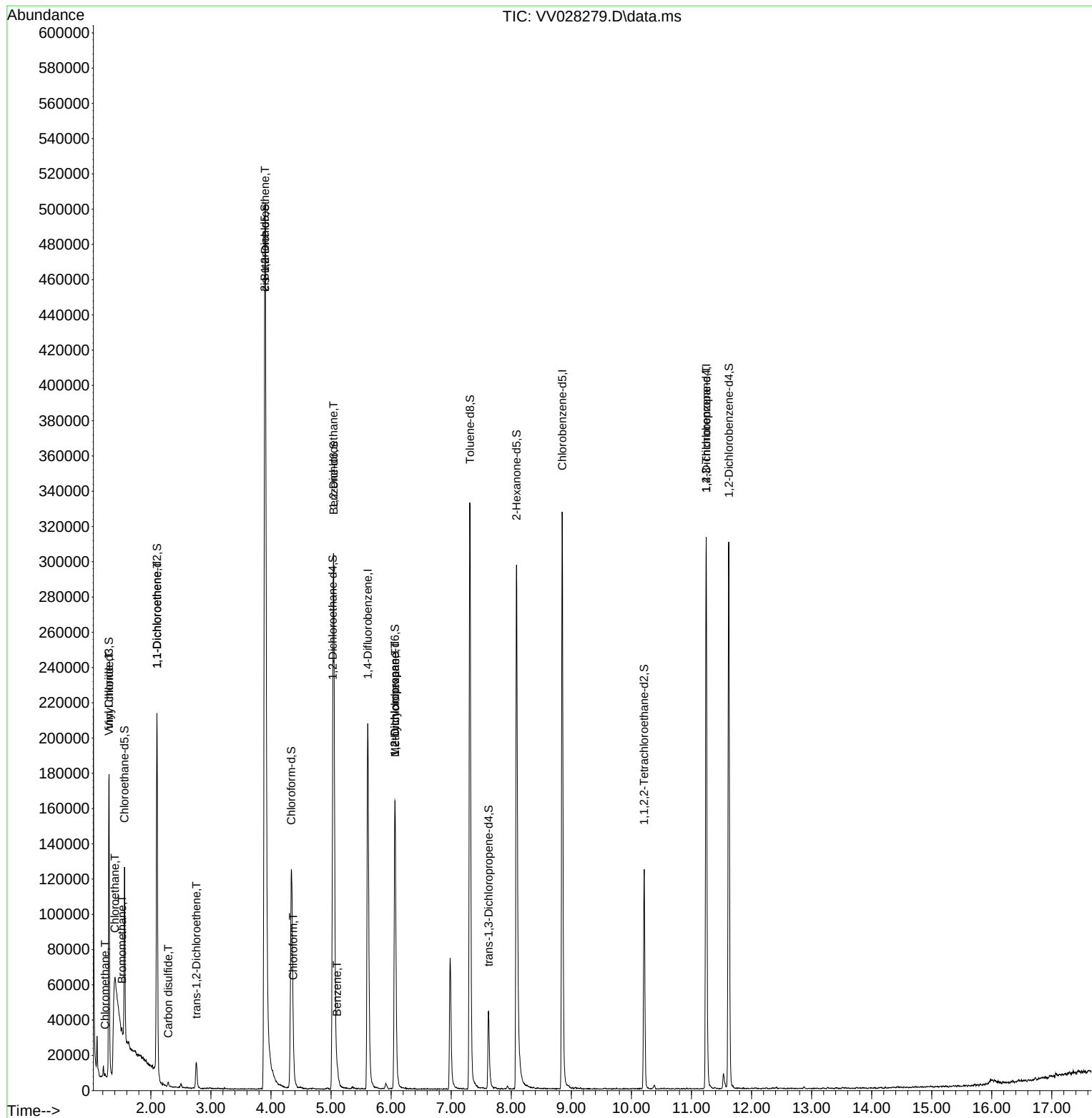
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	193711	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	196060	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	90797	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	69225	4.756	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.561	69	62686	5.088	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.101	63	102083	3.721	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	3.899	46	123969	50.339	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.680%
24) Chloroform-d	4.339	84	137045	5.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.027	65	67578	5.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.600%
32) Benzene-d6	5.043	84	288108	5.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.200%
36) 1,2-Dichloropropane-d6	6.063	67	85467	5.540	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.800%
41) Toluene-d8	7.313	98	239874	4.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	7.622	79	28390	4.831	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.088	63	122754	51.038	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.080%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	60939	5.211	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	89203	5.709	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	761	0.052	ug/L	96
5) Vinyl chloride	1.304	62	45966	2.764	ug/L	94
6) Bromomethane	1.519	94	379	0.048	ug/L	78
8) Chloroethane	1.404	64	224006	20.214	ug/L #	50
12) 1,1-Dichloroethene	2.101	96	1384	0.100	ug/L #	1
14) Carbon disulfide	2.291	76	2650	0.061	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	6021	0.416	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	279485	19.176	ug/L	96
25) Chloroform	4.371	83	4673	0.173	ug/L	92
27) 1,2-Dichloroethane	5.040	62	1719	0.119	ug/L #	76
33) Benzene	5.098	78	9212	0.158	ug/L	100
35) Methylcyclohexane	6.066	83	20892	0.876	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	9166	0.678	ug/L #	87
61) 1,2,3-Trichloropropane	11.246	75	8841	1.262	ug/L #	67

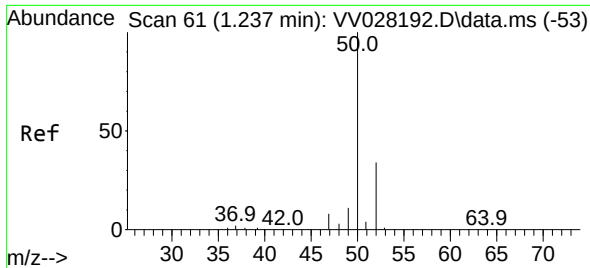
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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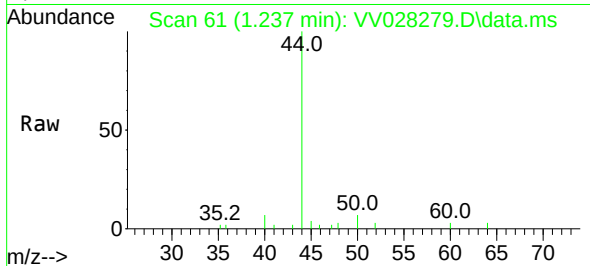
Quant Time: Oct 04 02:44:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0
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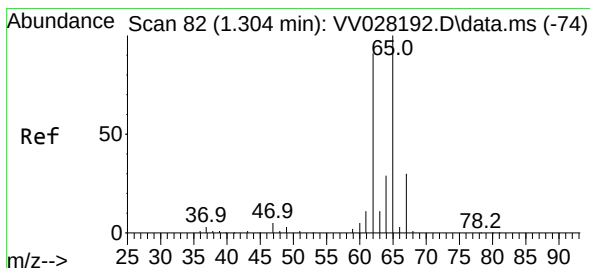
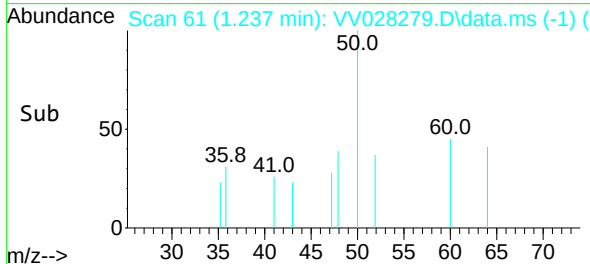
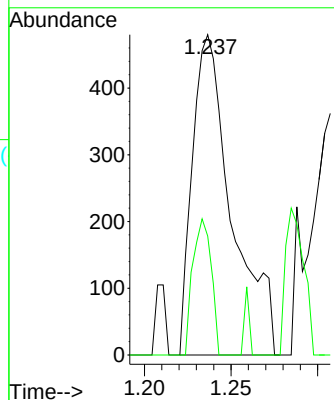


#3
Chloromethane
Concen: 0.052 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028279.D
Acq: 03 Oct 2022 15:33

Instrument :
MSVOA_V
ClientSampleId :

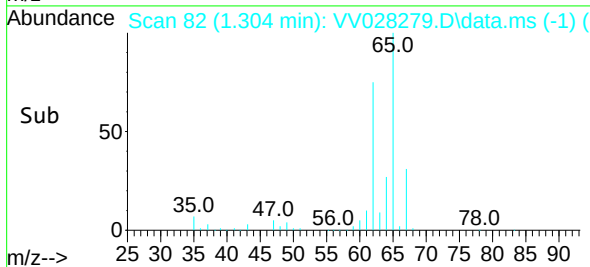
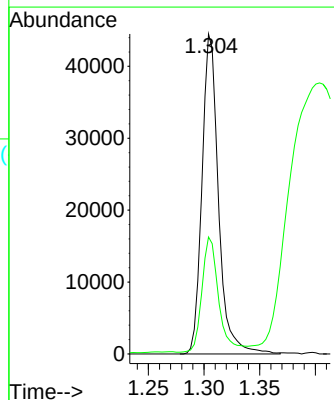
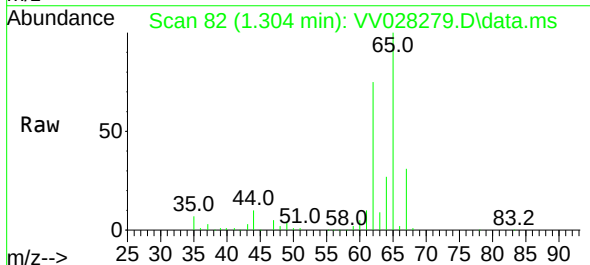


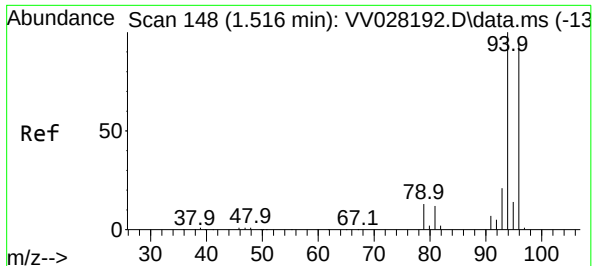
Tgt Ion: 50 Resp: 761
Ion Ratio Lower Upper
50 100
52 37.1 24.4 45.2



#5
Vinyl chloride
Concen: 2.764 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV028279.D
Acq: 03 Oct 2022 15:33

Tgt Ion: 62 Resp: 45966
Ion Ratio Lower Upper
62 100
64 36.5 23.0 42.8

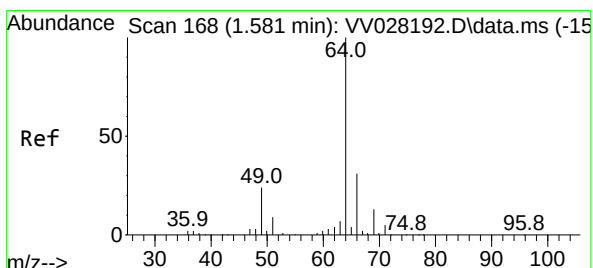
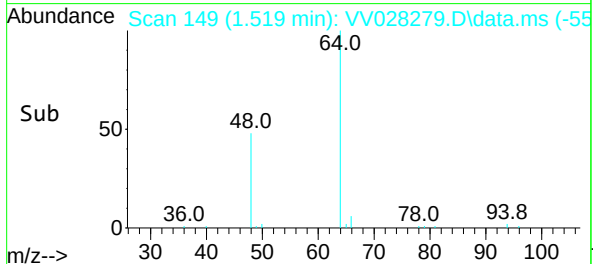
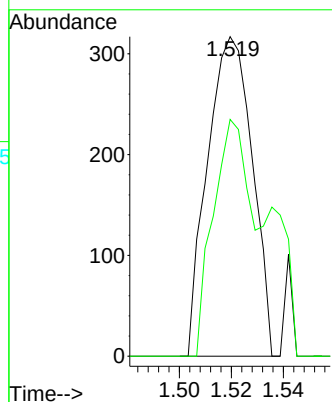
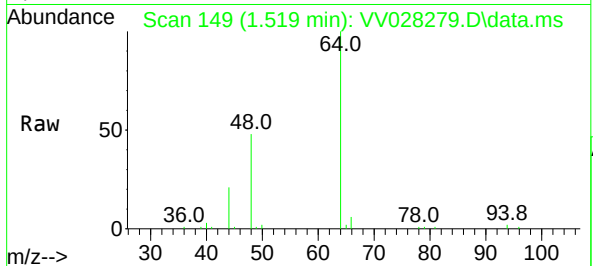




#6
Bromomethane
Concen: 0.048 ug/L
RT: 1.519 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV028279.D
Acq: 03 Oct 2022 15:33

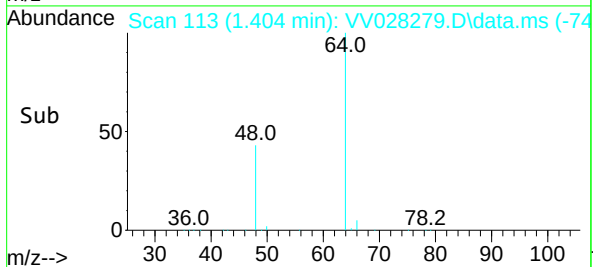
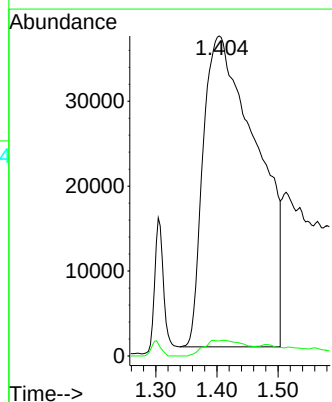
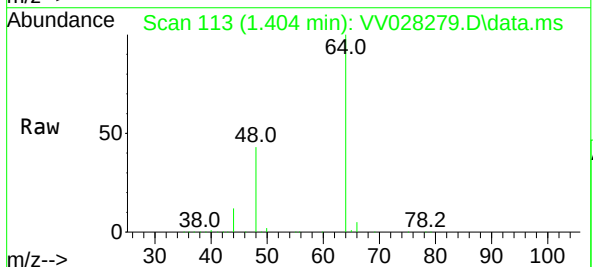
Instrument :
MSVOA_V
ClientSampleId :

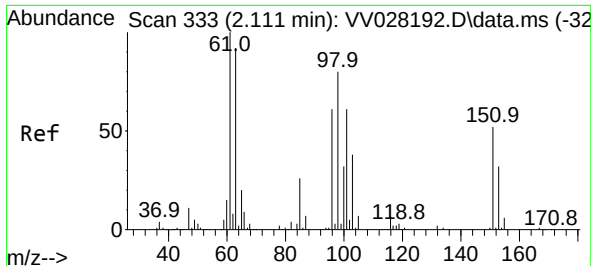
Tgt Ion: 94 Resp: 379
Ion Ratio Lower Upper
94 100
96 74.1 66.7 123.9



#8
Chloroethane
Concen: 20.214 ug/L
RT: 1.404 min Scan# 113
Delta R.T. -0.173 min
Lab File: VV028279.D
Acq: 03 Oct 2022 15:33

Tgt Ion: 64 Resp: 224006
Ion Ratio Lower Upper
64 100
66 4.7 23.0 42.8#





#12

1,1-Dichloroethene

Concen: 0.100 ug/L

RT: 2.101 min Scan# 31

Delta R.T. -0.009 min

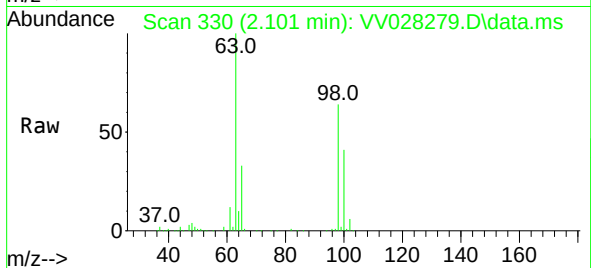
Lab File: VV028279.D

Acq: 03 Oct 2022 15:33

Instrument :

MSVOA_V

ClientSampleId :



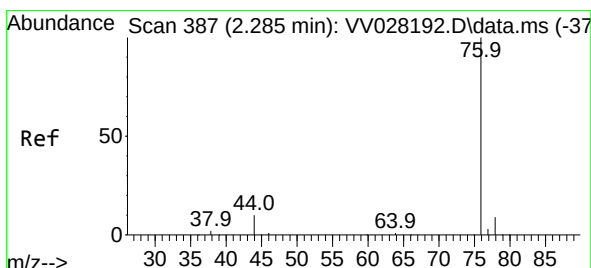
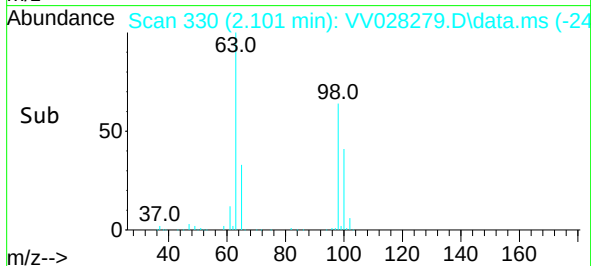
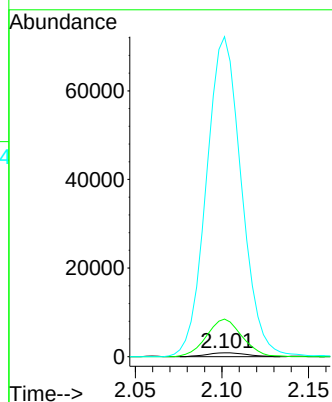
Tgt Ion: 96 Resp: 1384

Ion Ratio Lower Upper

96 100

61 954.8 128.3 238.3#

63 8142.5 112.7 209.3#



#14

Carbon disulfide

Concen: 0.061 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.007 min

Lab File: VV028279.D

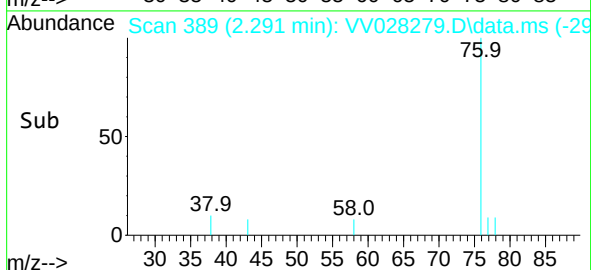
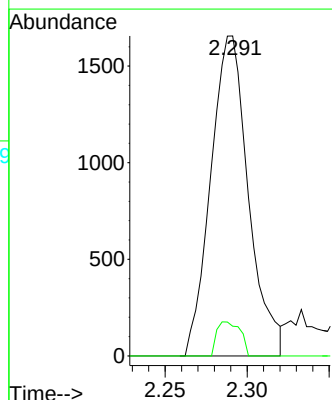
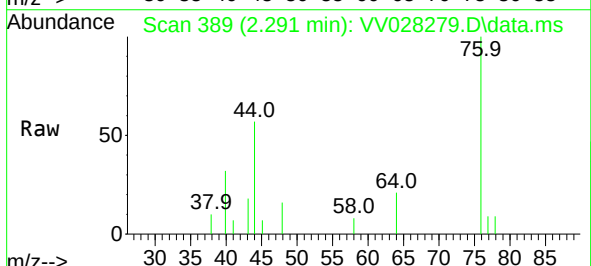
Acq: 03 Oct 2022 15:33

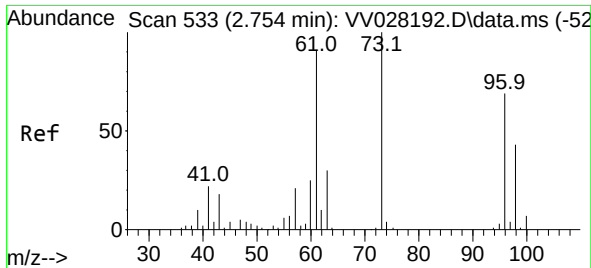
Tgt Ion: 76 Resp: 2650

Ion Ratio Lower Upper

76 100

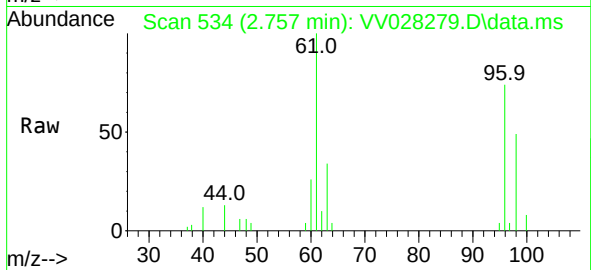
78 9.3 7.6 11.4



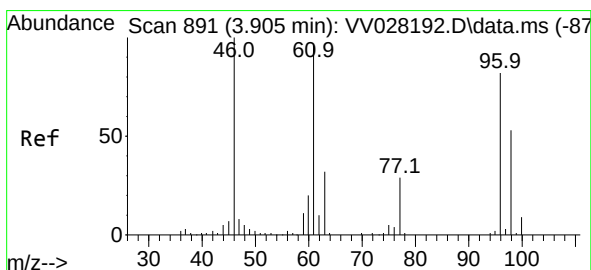
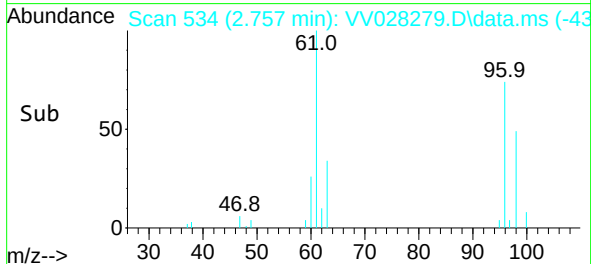
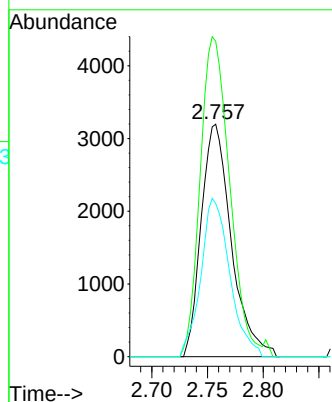


#18
trans-1,2-Dichloroethene
Concen: 0.416 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV028279.D
Acq: 03 Oct 2022 15:33

Instrument :
MSVOA_V
ClientSampleId :

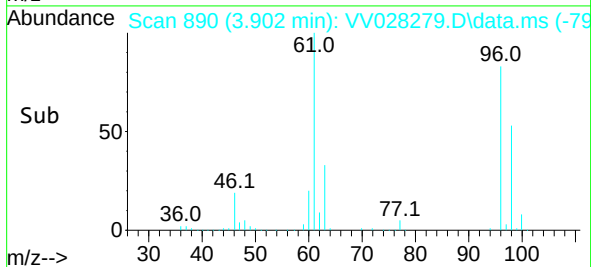
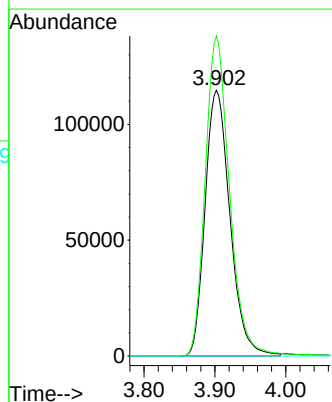
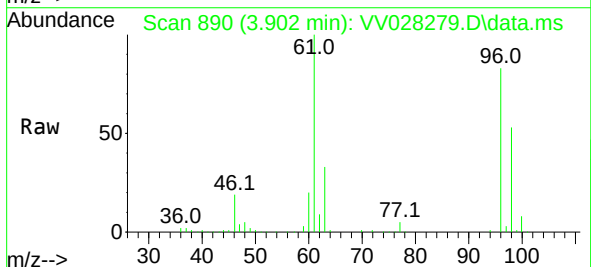


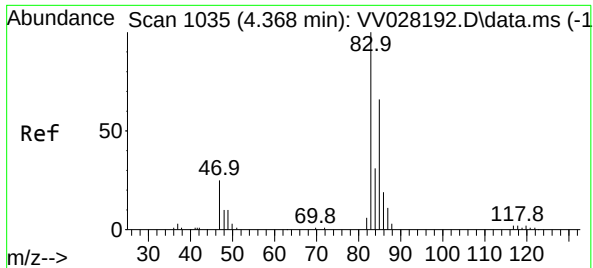
Tgt Ion: 96 Resp: 6021
Ion Ratio Lower Upper
96 100
61 135.7 96.2 178.6
98 65.9 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 19.176 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.003 min
Lab File: VV028279.D
Acq: 03 Oct 2022 15:33

Tgt Ion: 96 Resp: 279485
Ion Ratio Lower Upper
96 100
61 120.4 87.2 161.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.173 ug/L

RT: 4.371 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028279.D

Acq: 03 Oct 2022 15:33

Instrument :

MSVOA_V

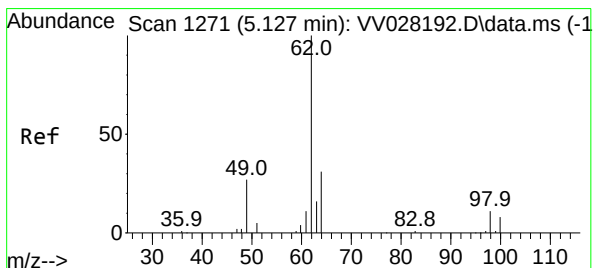
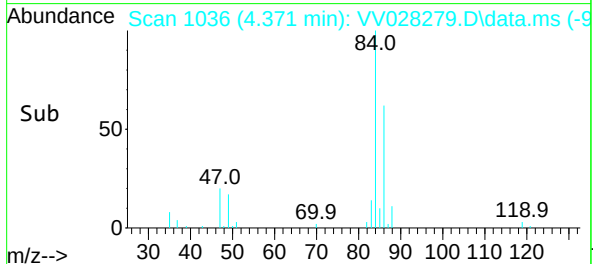
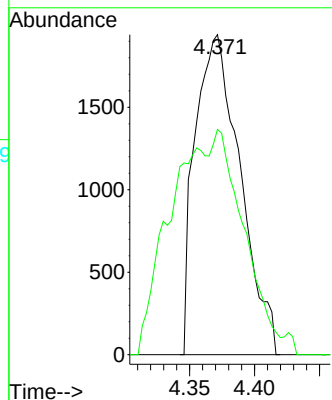
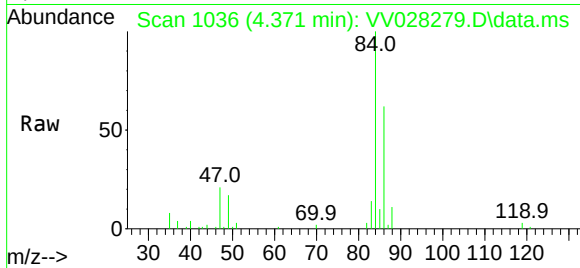
ClientSampleId :

Tgt Ion: 83 Resp: 4673

Ion Ratio Lower Upper

83 100

85 70.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 0.119 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.087 min

Lab File: VV028279.D

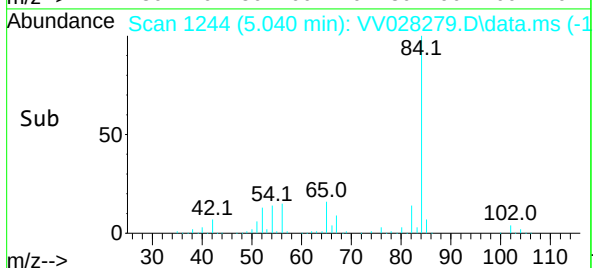
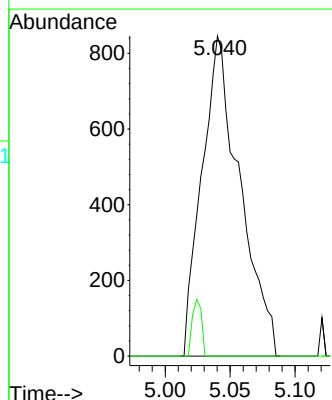
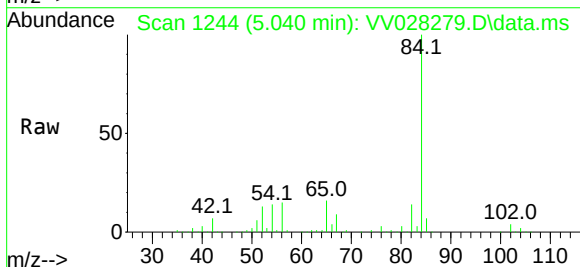
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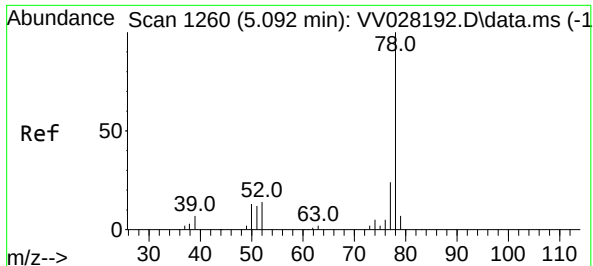
Tgt Ion: 62 Resp: 1719

Ion Ratio Lower Upper

62 100

98 0.0 6.7 10.1#

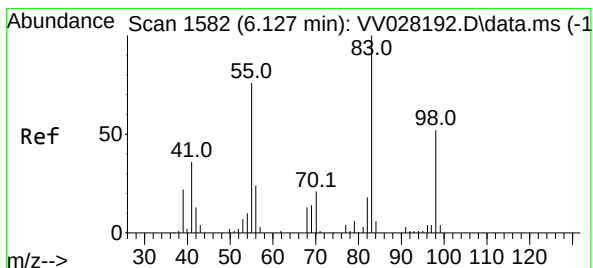
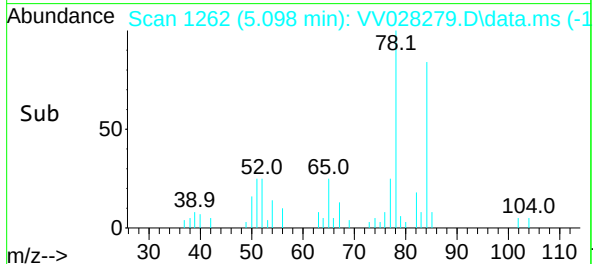
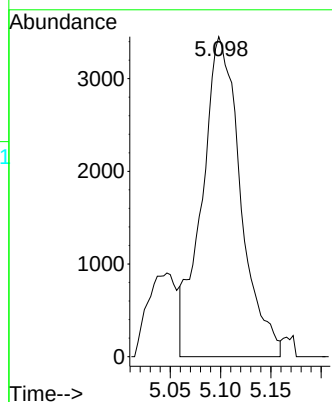
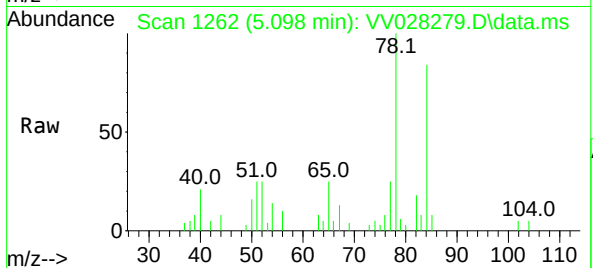




#33
Benzene
Concen: 0.158 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV028279.D
Acq: 03 Oct 2022 15:33

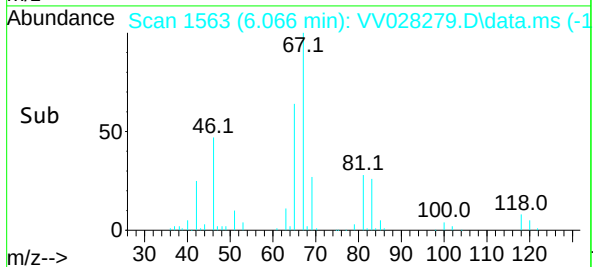
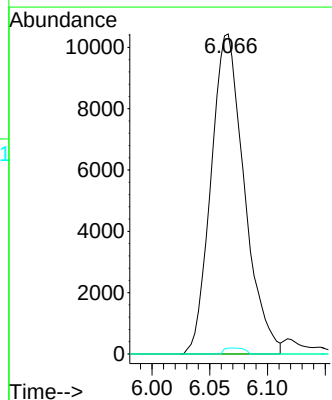
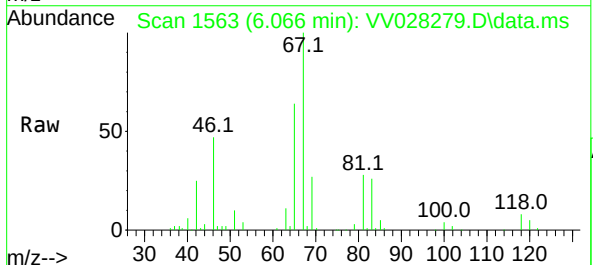
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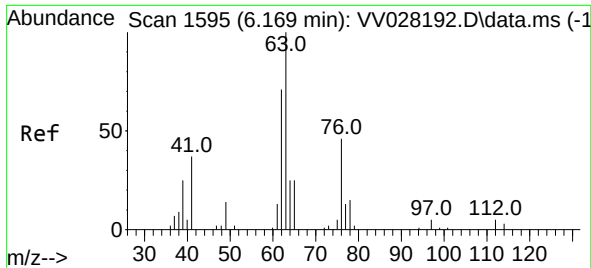
Tgt Ion: 78 Resp: 9212



#35
Methylcyclohexane
Concen: 0.876 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028279.D
Acq: 03 Oct 2022 15:33

Tgt Ion: 83 Resp: 20892
Ion Ratio Lower Upper
83 100
55 0.0 64.7 97.1#
98 1.1 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.678 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV028279.D

Acq: 03 Oct 2022 15:33

Instrument :

MSVOA_V

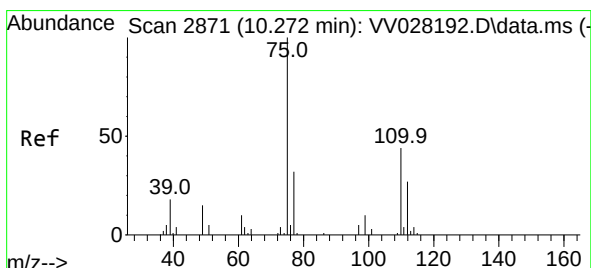
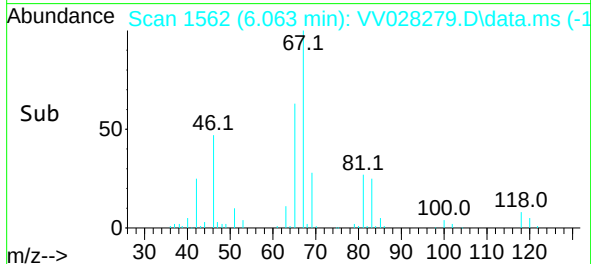
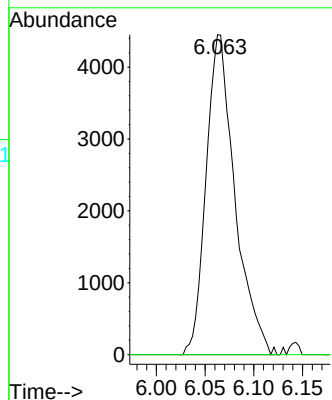
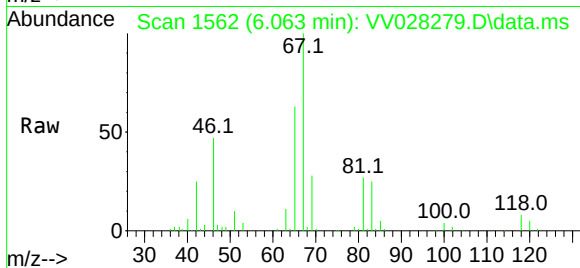
ClientSampleId :

Tgt Ion: 63 Resp: 9166

Ion Ratio Lower Upper

63 100

112 0.2 3.5 5.3#



#61

1,2,3-Trichloropropane

Concen: 1.262 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.975 min

Lab File: VV028279.D

Acq: 03 Oct 2022 15:33

Tgt Ion: 75 Resp: 8841

Ion Ratio Lower Upper

75 100

77 34.8 26.7 40.1

110 1.0 30.1 45.1#

