

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102622\
 Data File : VW028700.D
 Acq On : 26 Oct 2022 17:36
 Operator : SY/MD
 Sample : N5232-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 06:25:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 05:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	143227	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	140127	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	60596	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	69521	6.979	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	139.600%#
7) Chloroethane-d5	1.564	69	60979	7.240	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	144.800%#
11) 1,1-Dichloroethene-d2	2.101	63	99368	5.157	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.200%
20) 2-Butanone-d5	3.895	46	162554	71.567	ug/L	-0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	143.140%#
24) Chloroform-d	4.346	84	107253	6.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	124.000%
26) 1,2-Dichloroethane-d4	5.030	65	57310	6.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	130.600%#
32) Benzene-d6	5.047	84	217177	5.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.000%
36) 1,2-Dichloropropane-d6	6.066	67	75048	6.327	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	126.600%
41) Toluene-d8	7.313	98	181953	6.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.400%
43) trans-1,3-Dichloroprop...	7.625	79	13088	3.551	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.000%
46) 2-Hexanone-d5	8.088	63	103248	60.184	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.360%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	50908	6.471	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	129.400%#
66) 1,2-Dichlorobenzene-d4	11.619	152	56794	6.795	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	136.000%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	1919	0.170	ug/L	85
5) Vinyl chloride	1.310	62	530	0.047	ug/L #	1
6) Bromomethane	1.519	94	1103	0.206	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	976	0.110	ug/L #	29
14) Carbon disulfide	2.291	76	2947	0.162	ug/L #	93
30) Cyclohexane	4.670	56	2843	0.163	ug/L #	77
33) Benzene	5.101	78	13208	0.315	ug/L	100
35) Methylcyclohexane	6.127	83	1108	0.077	ug/L #	69
39) cis-1,3-Dichloropropene	6.985	75	1479	0.114	ug/L	89
51) Chlorobenzene	8.876	112	969903	38.789	ug/L	98
52) Ethylbenzene	9.014	91	1757	0.040	ug/L	86
53) m,p-Xylene	9.140	106	1560	0.098	ug/L	94
54) o-Xylene	9.545	106	3334	0.208	ug/L	93
60) Isopropylbenzene	9.927	105	18614	0.488	ug/L #	82
61) 1,2,3-Trichloropropane	11.242	75	11688	2.247	ug/L #	44
62) 1,3,5-Trimethylbenzene	10.738	105	3673	0.330	ug/L #	77
65) 1,4-Dichlorobenzene	11.268	146	6116	0.373	ug/L	96
70) 1,2,4-trichlorobenzene	13.265	180	598	0.063	ug/L #	89
71) Naphthalene	13.506	128	2093	0.129	ug/L #	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102622\
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Instrument :
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ClientSampleId :

Quant Time: Oct 27 06:25:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 27 05:05:38 2022
Response via : Initial Calibration

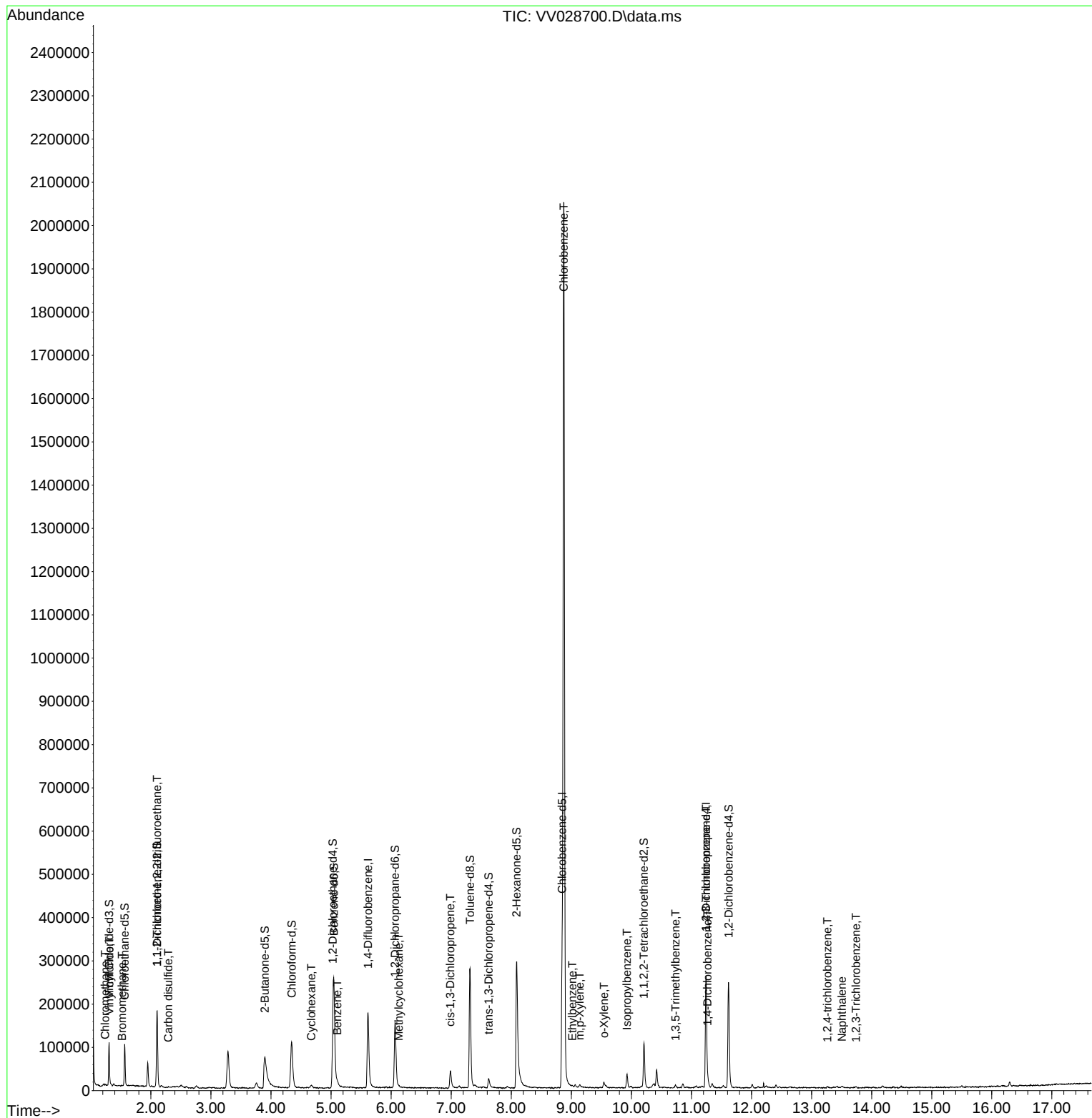
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 1,2,3-Trichlorobenzene	13.741	180	450	0.053	ug/L	# 91

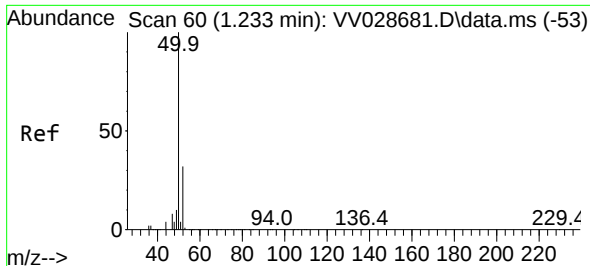
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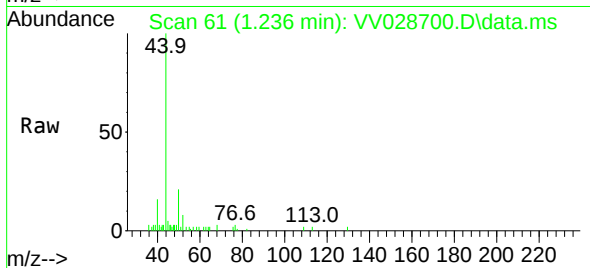
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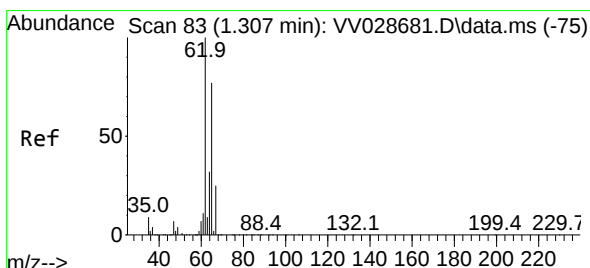
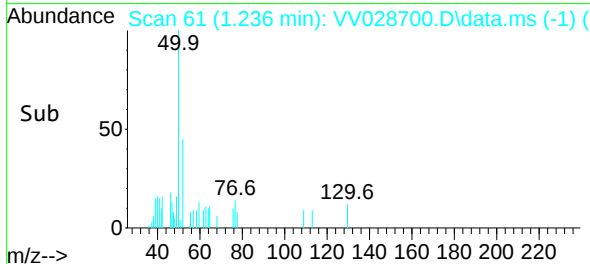
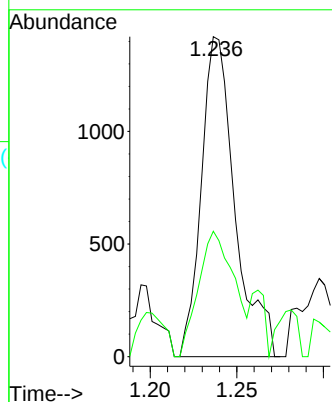


#3
Chloromethane
Concen: 0.170 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV028700.D
Acq: 26 Oct 2022 17:36

Instrument :
MSVOA_V
ClientSampleId :

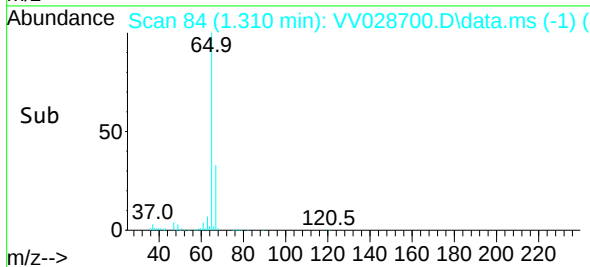
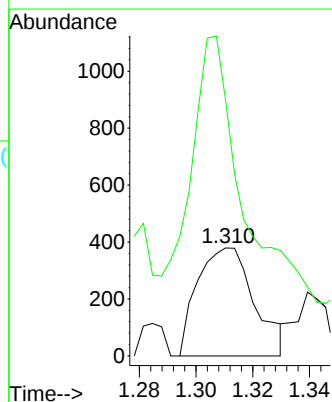
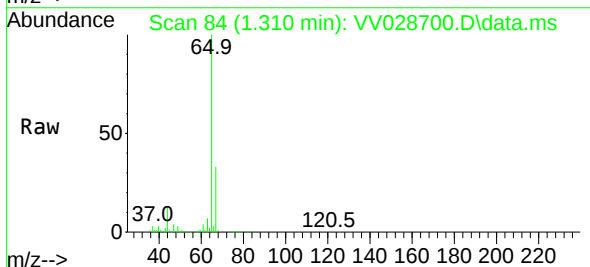


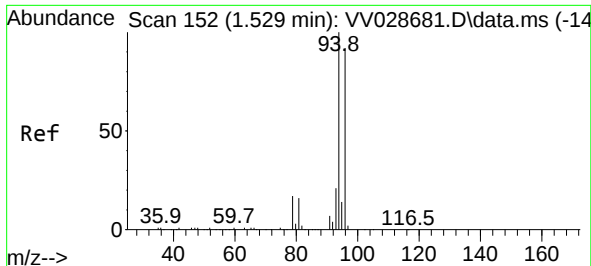
Tgt Ion: 50 Resp: 1919
Ion Ratio Lower Upper
50 100
52 39.2 21.8 40.6



#5
Vinyl chloride
Concen: 0.047 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.003 min
Lab File: VV028700.D
Acq: 26 Oct 2022 17:36

Tgt Ion: 62 Resp: 530
Ion Ratio Lower Upper
62 100
64 237.7 22.0 41.0#

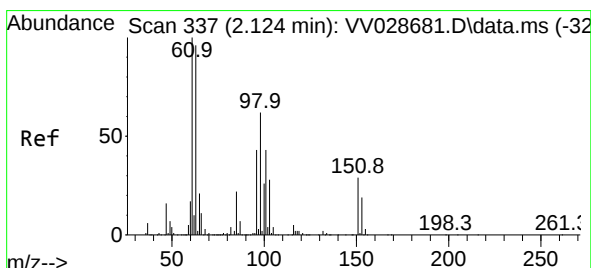
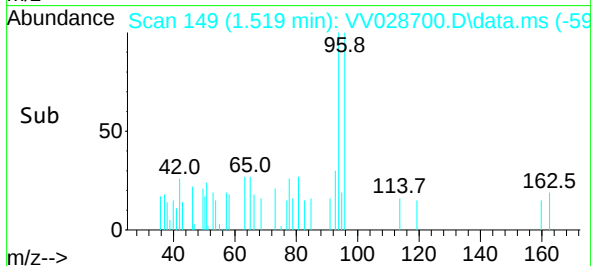
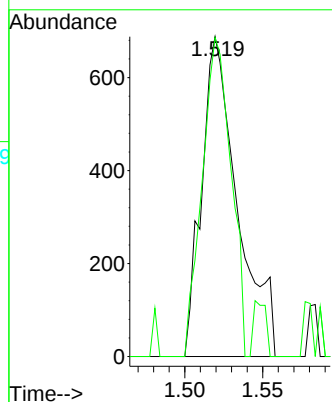
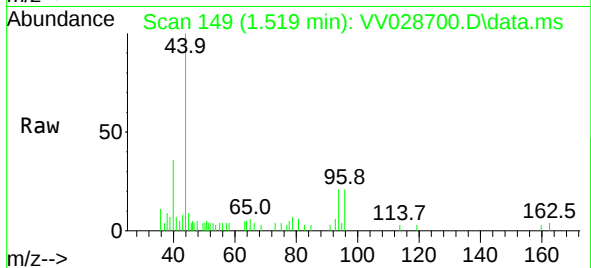




#6
Bromomethane
Concen: 0.206 ug/L
RT: 1.519 min Scan# 149
Delta R.T. -0.010 min
Lab File: VV028700.D
Acq: 26 Oct 2022 17:36

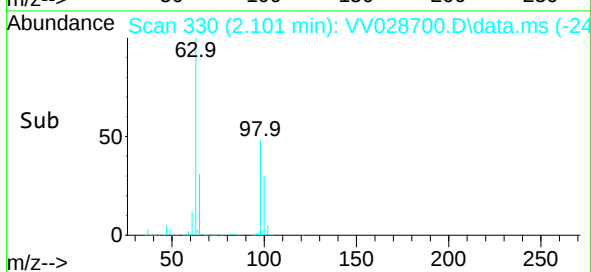
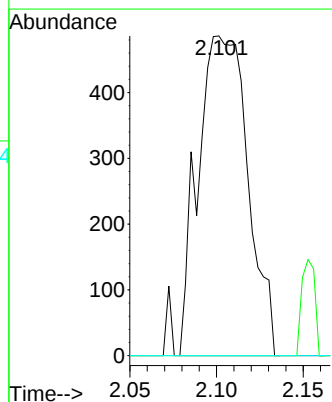
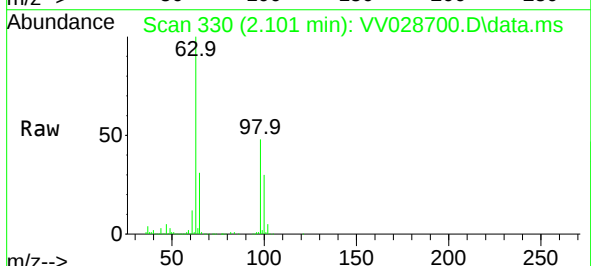
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ClientSampleId :

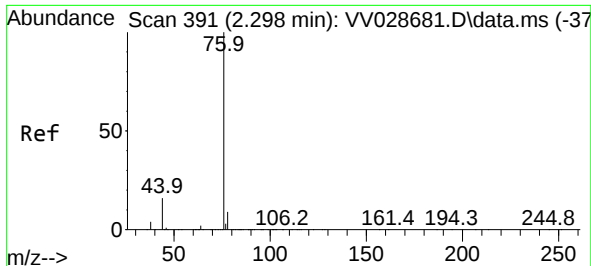
Tgt Ion: 94 Resp: 1103
Ion Ratio Lower Upper
94 100
96 99.7 64.3 119.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.110 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.023 min
Lab File: VV028700.D
Acq: 26 Oct 2022 17:36

Tgt Ion:101 Resp: 976
Ion Ratio Lower Upper
101 100
85 7.9 37.0 55.6#
151 0.0 50.2 75.2#

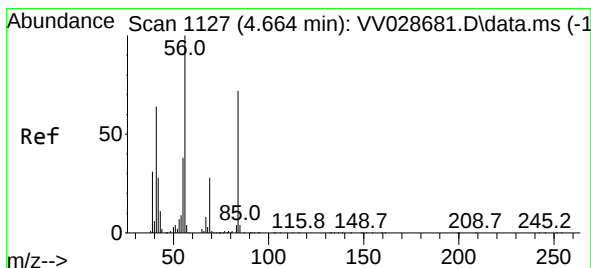
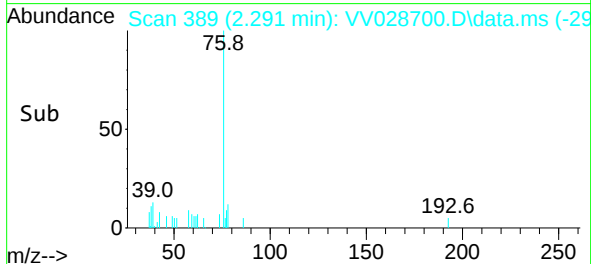
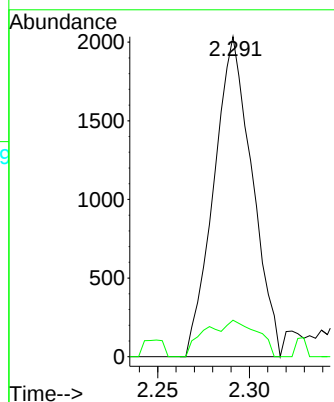
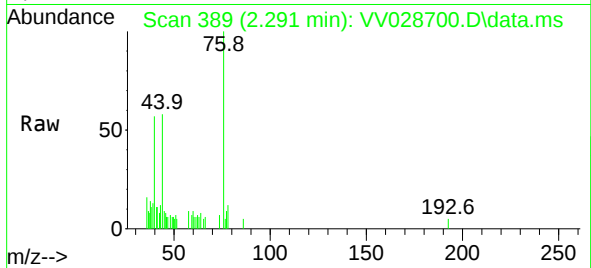




#14
Carbon disulfide
Concen: 0.162 ug/L
RT: 2.291 min Scan# 31
Delta R.T. -0.007 min
Lab File: VV028700.D
Acq: 26 Oct 2022 17:36

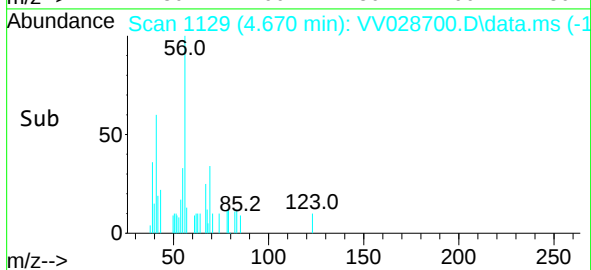
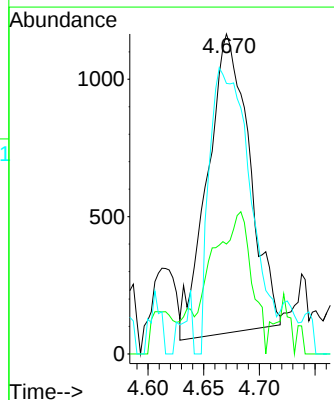
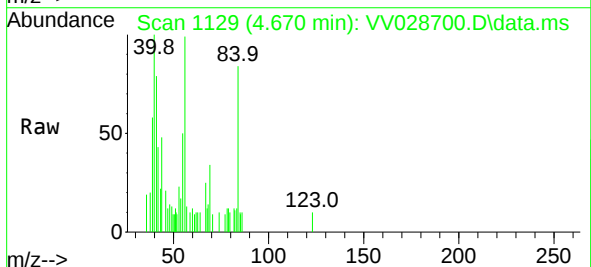
Instrument :
MSVOA_V
ClientSampleId :

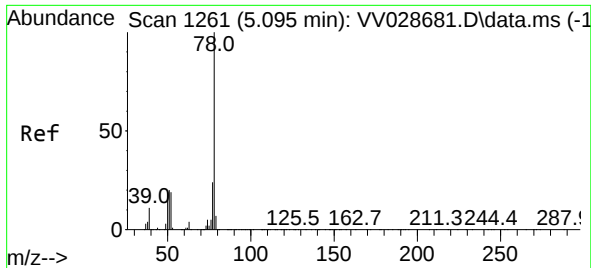
Tgt Ion: 76 Resp: 2947
Ion Ratio Lower Upper
76 100
78 11.4 7.1 10.7#



#30
Cyclohexane
Concen: 0.163 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VV028700.D
Acq: 26 Oct 2022 17:36

Tgt Ion: 56 Resp: 2843
Ion Ratio Lower Upper
56 100
69 44.2 22.6 34.0#
84 93.4 60.4 90.6#

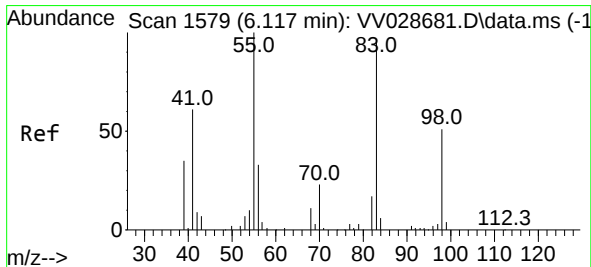
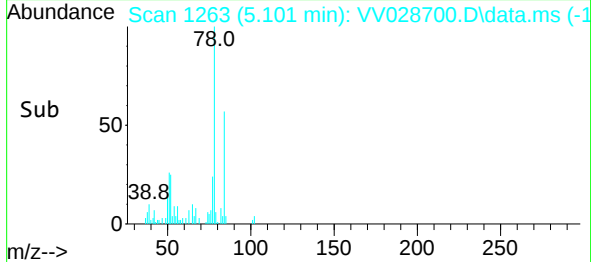
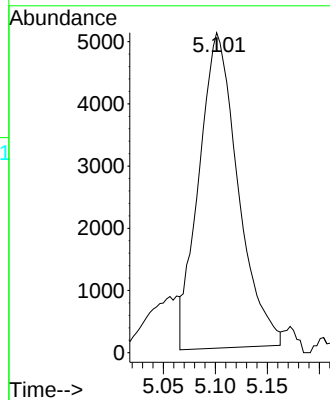
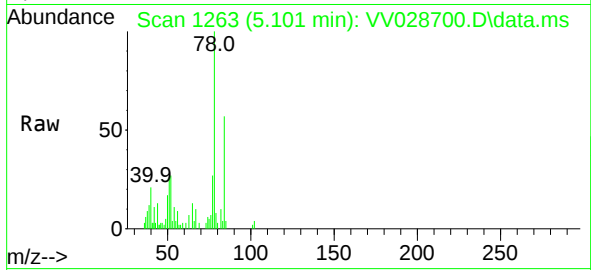




#33
Benzene
Concen: 0.315 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV028700.D
Acq: 26 Oct 2022 17:36

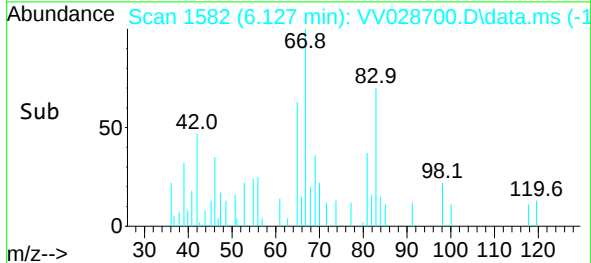
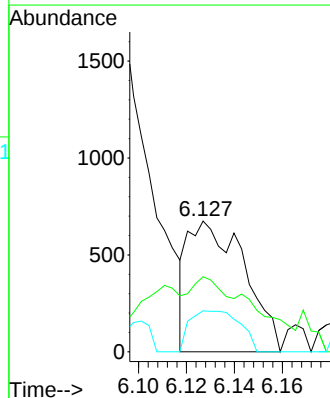
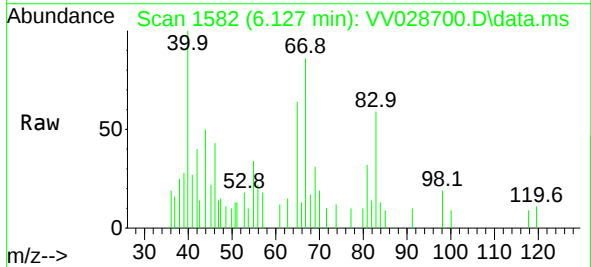
Instrument :
MSVOA_V
ClientSampleId :

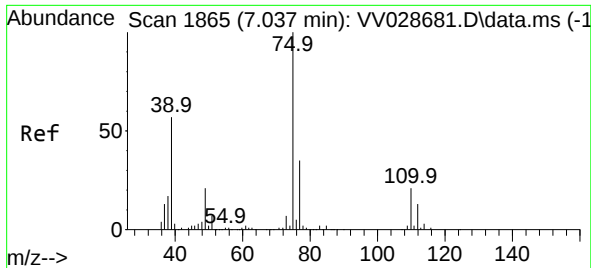
Tgt Ion: 78 Resp: 13208



#35
Methylcyclohexane
Concen: 0.077 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.010 min
Lab File: VV028700.D
Acq: 26 Oct 2022 17:36

Tgt Ion: 83 Resp: 1108
Ion Ratio Lower Upper
83 100
55 55.7 70.0 105.0#
98 27.7 35.6 53.4#





#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.052 min

Lab File: VV028700.D

Acq: 26 Oct 2022 17:36

Instrument :

MSVOA_V

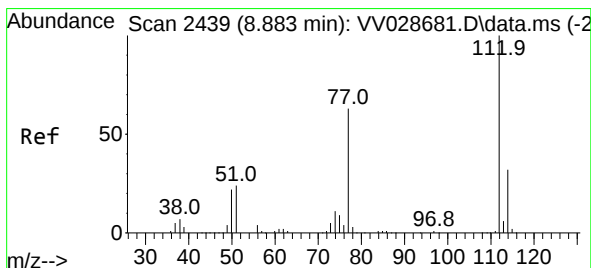
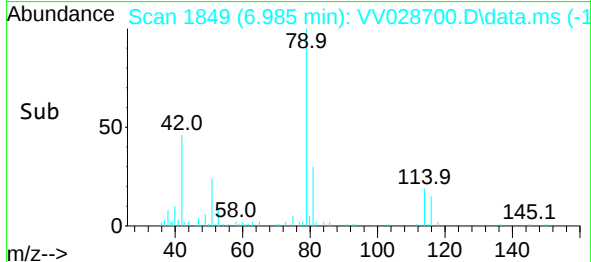
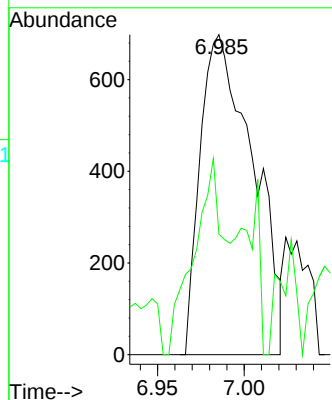
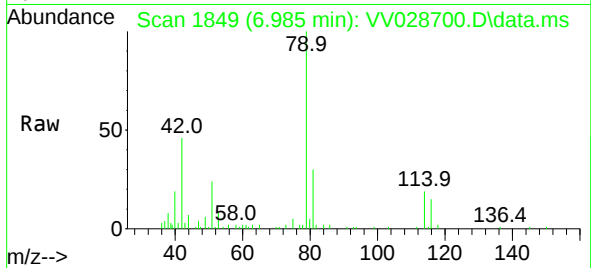
ClientSampleId :

Tgt Ion: 75 Resp: 1479

Ion Ratio Lower Upper

75 100

77 37.7 22.1 41.1



#51

Chlorobenzene

Concen: 38.789 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.007 min

Lab File: VV028700.D

Acq: 26 Oct 2022 17:36

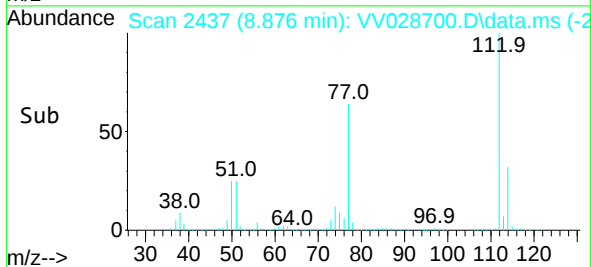
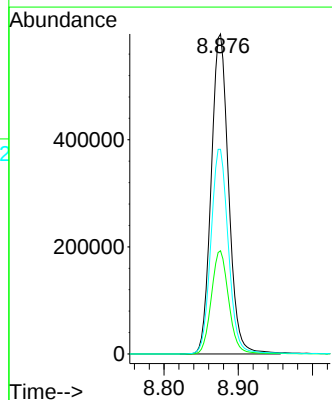
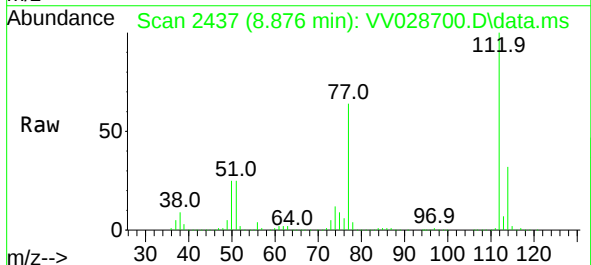
Tgt Ion: 112 Resp: 969903

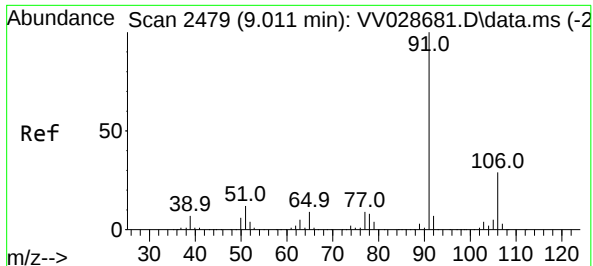
Ion Ratio Lower Upper

112 100

114 32.2 22.0 41.0

77 63.9 50.0 75.0

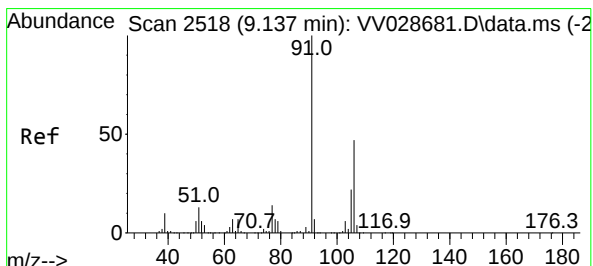
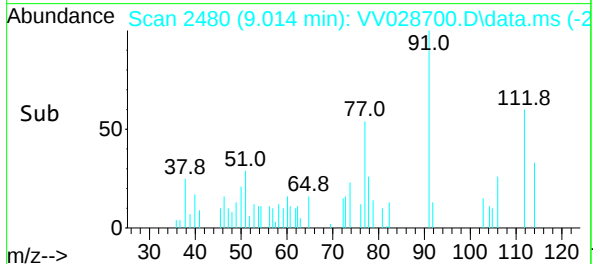
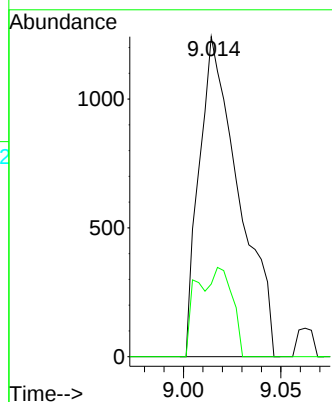
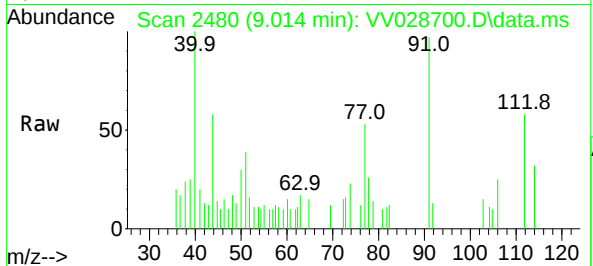




#52
Ethylbenzene
Concen: 0.040 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV028700.D
Acq: 26 Oct 2022 17:36

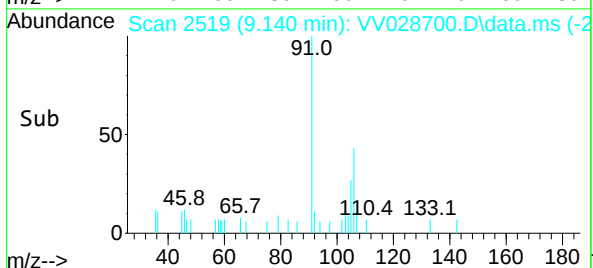
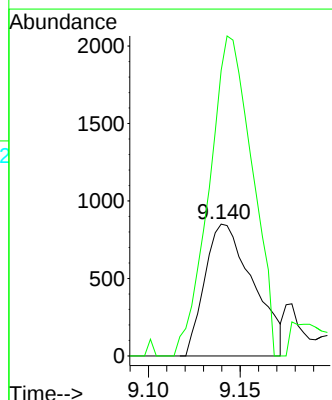
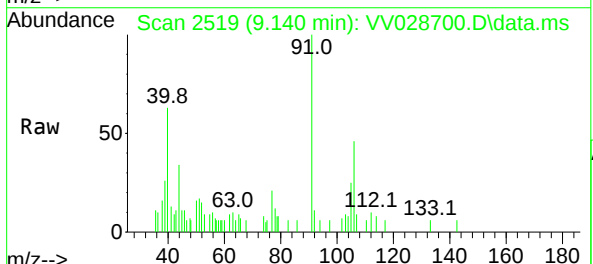
Instrument :
MSVOA_V
ClientSampleId :

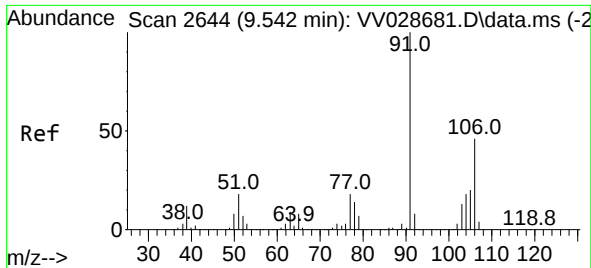
Tgt Ion: 91 Resp: 1757
Ion Ratio Lower Upper
91 100
106 22.7 21.3 39.6



#53
m,p-Xylene
Concen: 0.098 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV028700.D
Acq: 26 Oct 2022 17:36

Tgt Ion: 106 Resp: 1560
Ion Ratio Lower Upper
106 100
91 216.6 145.5 270.1

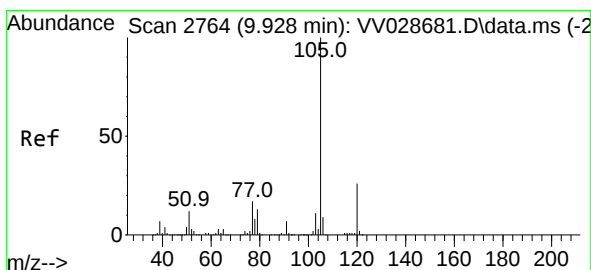
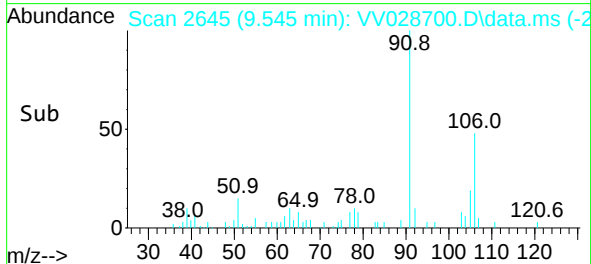
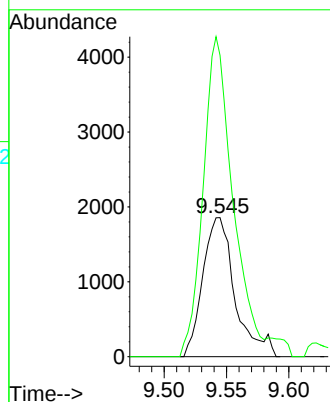
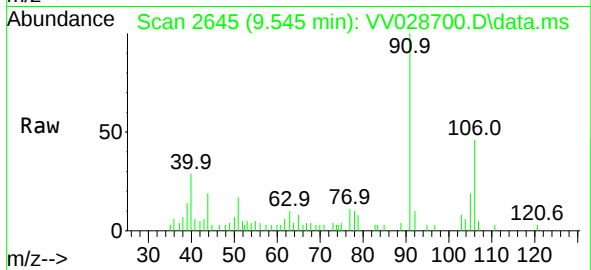




#54
o-Xylene
Concen: 0.208 ug/L
RT: 9.545 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV028700.D
Acq: 26 Oct 2022 17:36

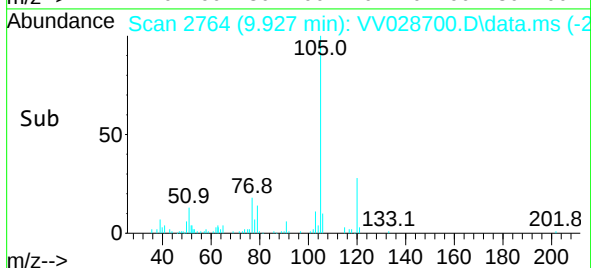
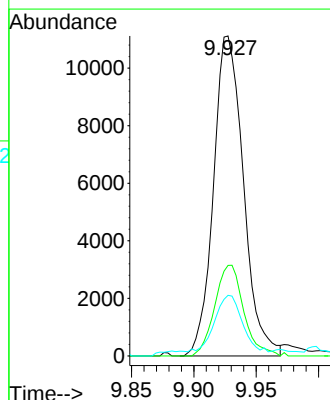
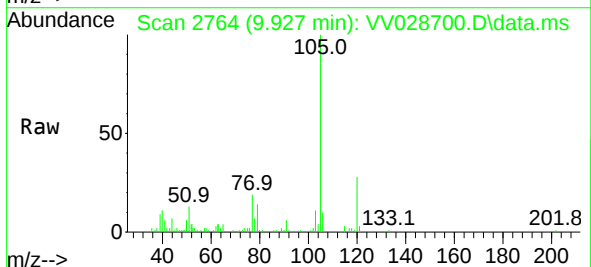
Instrument :
MSVOA_V
ClientSampleId :

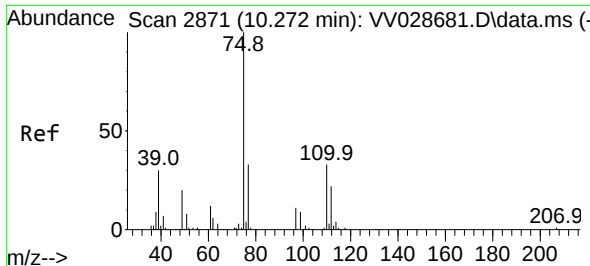
Tgt Ion:106 Resp: 3334
Ion Ratio Lower Upper
106 100
91 216.5 159.0 295.4



#60
Isopropylbenzene
Concen: 0.488 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. -0.000 min
Lab File: VV028700.D
Acq: 26 Oct 2022 17:36

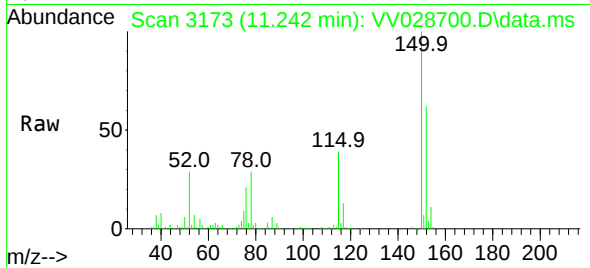
Tgt Ion:105 Resp: 18614
Ion Ratio Lower Upper
105 100
120 27.3 20.1 30.1
77 0.0 13.4 20.0#



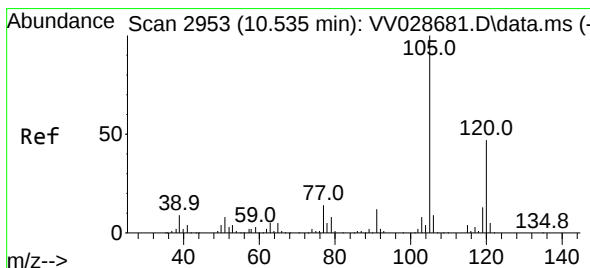
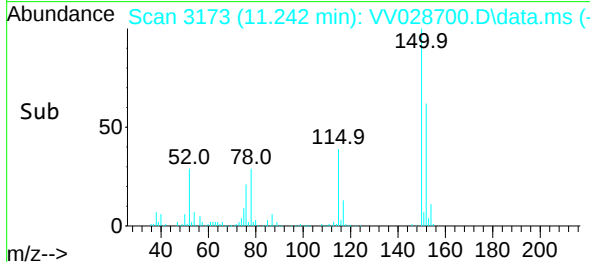
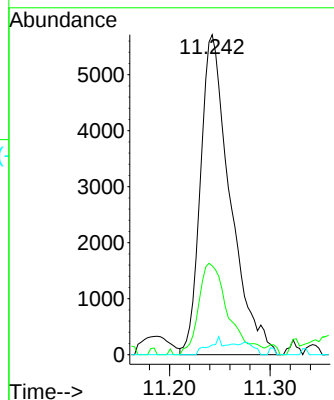


#61
 1,2,3-Trichloropropane
 Concen: 2.247 ug/L
 RT: 11.242 min Scan# 31173
 Delta R.T. 0.971 min
 Lab File: VV028700.D
 Acq: 26 Oct 2022 17:36

Instrument :
 MSVOA_V
 ClientSampleId :

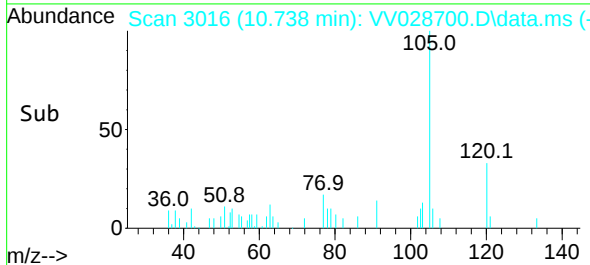
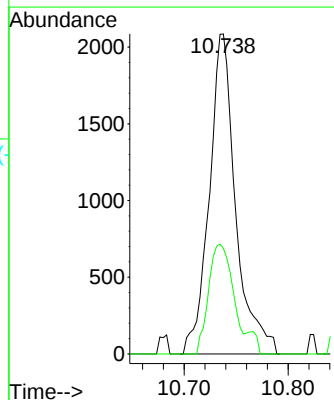
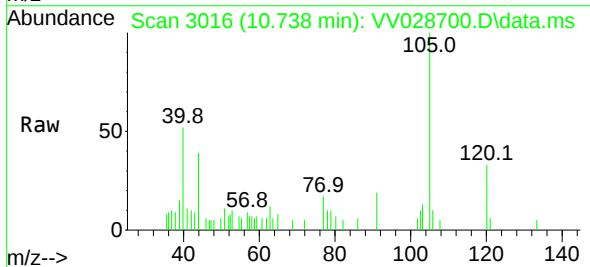


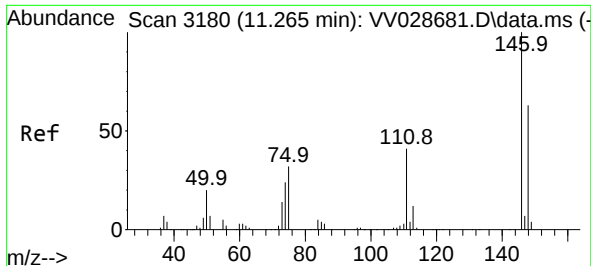
Tgt Ion: 75 Resp: 11688
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.2 37.8#
 110 2.5 27.9 41.9#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.330 ug/L
 RT: 10.738 min Scan# 3016
 Delta R.T. 0.202 min
 Lab File: VV028700.D
 Acq: 26 Oct 2022 17:36

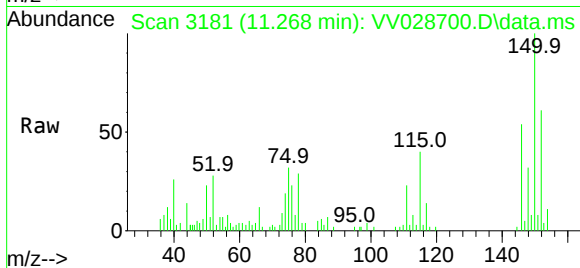
Tgt Ion: 105 Resp: 3673
 Ion Ratio Lower Upper
 105 100
 120 32.1 38.3 57.5#



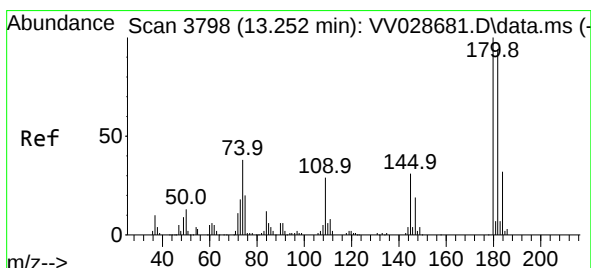
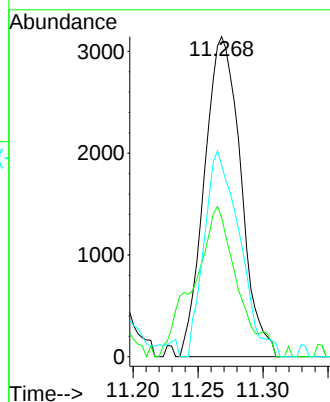
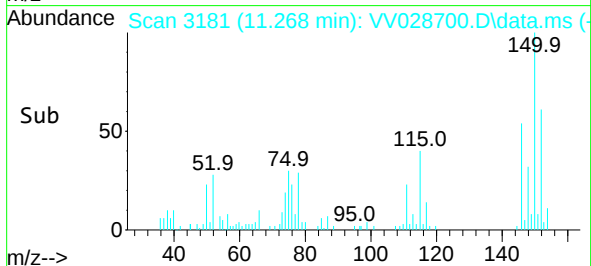


#65
1,4-Dichlorobenzene
Concen: 0.373 ug/L
RT: 11.268 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VV028700.D
Acq: 26 Oct 2022 17:36

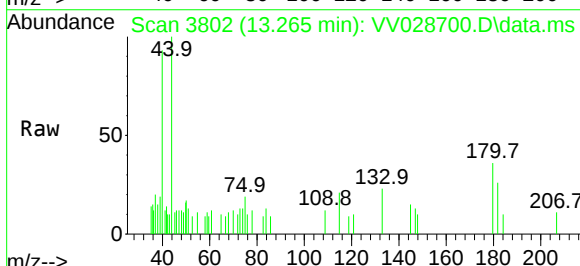
Instrument :
MSVOA_V
ClientSampleId :



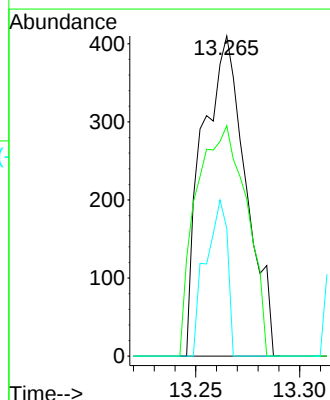
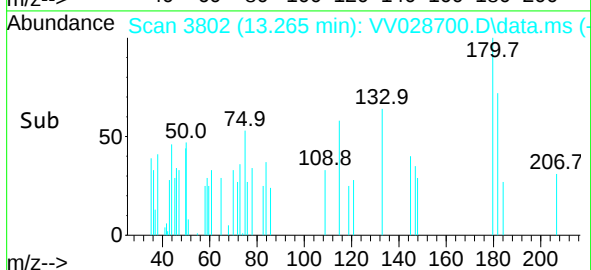
Tgt Ion:146 Resp: 6116
Ion Ratio Lower Upper
146 100
111 43.6 28.6 53.2
148 59.8 44.3 82.3

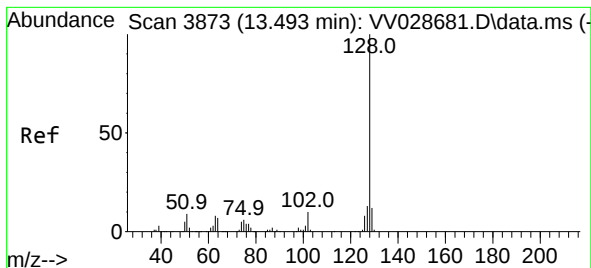


#70
1,2,4-trichlorobenzene
Concen: 0.063 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.013 min
Lab File: VV028700.D
Acq: 26 Oct 2022 17:36



Tgt Ion:180 Resp: 598
Ion Ratio Lower Upper
180 100
182 83.4 74.7 112.1
145 24.4 25.5 38.3#





#71

Naphthalene

Concen: 0.129 ug/L

RT: 13.506 min Scan# 3950

Delta R.T. 0.013 min

Lab File: VV028700.D

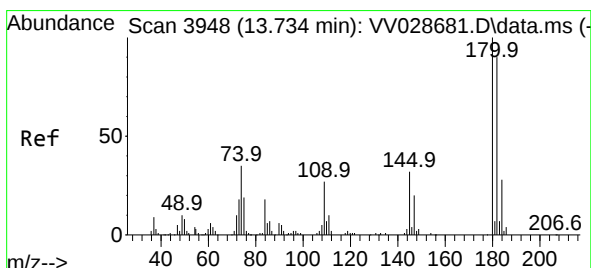
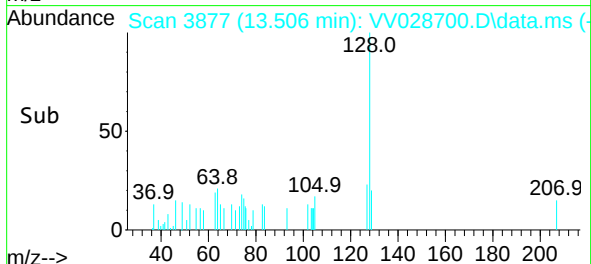
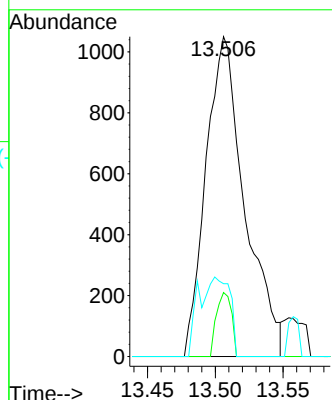
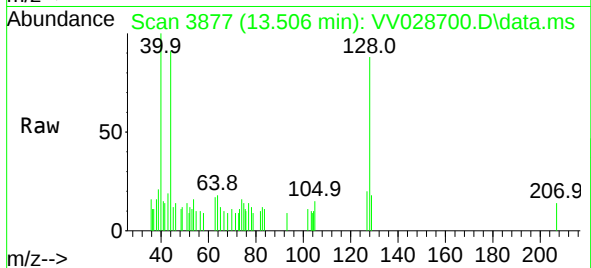
Acq: 26 Oct 2022 17:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	2093
Ion Ratio	Lower	Upper	
128	100		
129	7.7	8.9	13.3#
127	14.9	10.2	15.4



#72

1,2,3-Trichlorobenzene

Concen: 0.053 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.006 min

Lab File: VV028700.D

Acq: 26 Oct 2022 17:36

Tgt Ion:	180	Resp:	450
Ion Ratio	Lower	Upper	
180	100		
182	88.2	73.4	110.0
145	45.8	26.3	39.5#

