

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011623\
 Data File : VW029866.D
 Acq On : 16 Jan 2023 10:03
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005386

Quant Time: Jan 17 00:37:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	211789	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	201740	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	114399	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	71435	4.447	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.564	69	65185	4.895	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.105	63	140411	4.795	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	3.889	46	146157	51.333	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.660%
24) Chloroform-d	4.336	84	155206	5.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.021	65	65058	5.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.040	84	317624	5.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
36) 1,2-Dichloropropane-d6	6.059	67	90673	5.177	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.304	98	291372	5.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
43) trans-1,3-Dichloroprop...	7.612	79	31419	4.912	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.082	63	139872	53.714	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.420%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	69292	5.399	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	104669	5.033	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	104767	5.315	ug/L	98
3) Chloromethane	1.240	50	104891	5.056	ug/L	99
5) Vinyl chloride	1.307	62	115138	5.660	ug/L	99
6) Bromomethane	1.519	94	47342	4.780	ug/L	98
8) Chloroethane	1.580	64	68968	5.588	ug/L	100
9) Trichlorofluoromethane	1.751	101	148912	5.589	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	87238	5.558	ug/L	99
12) 1,1-Dichloroethene	2.114	96	86202	4.767	ug/L	96
13) Acetone	2.182	43	107033	52.669	ug/L	92
14) Carbon disulfide	2.288	76	265122	5.092	ug/L	100
15) Methyl Acetate	2.436	43	23700	4.478	ug/L	100
16) Methylene chloride	2.500	84	93932	4.181	ug/L	97
17) Methyl tert-butyl Ether	2.761	73	167697	5.363	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	91571	5.447	ug/L	95
19) 1,1-Dichloroethane	3.179	63	160104	5.693	ug/L	99
21) 2-Butanone	3.969	43	155221	53.317	ug/L	95
22) cis-1,2-Dichloroethene	3.899	96	97309	5.432	ug/L	100
23) Bromochloromethane	4.236	128	40072	5.417	ug/L	89
25) Chloroform	4.362	83	163871	5.361	ug/L	97

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 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTD005386

Quant Time: Jan 17 00:37:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

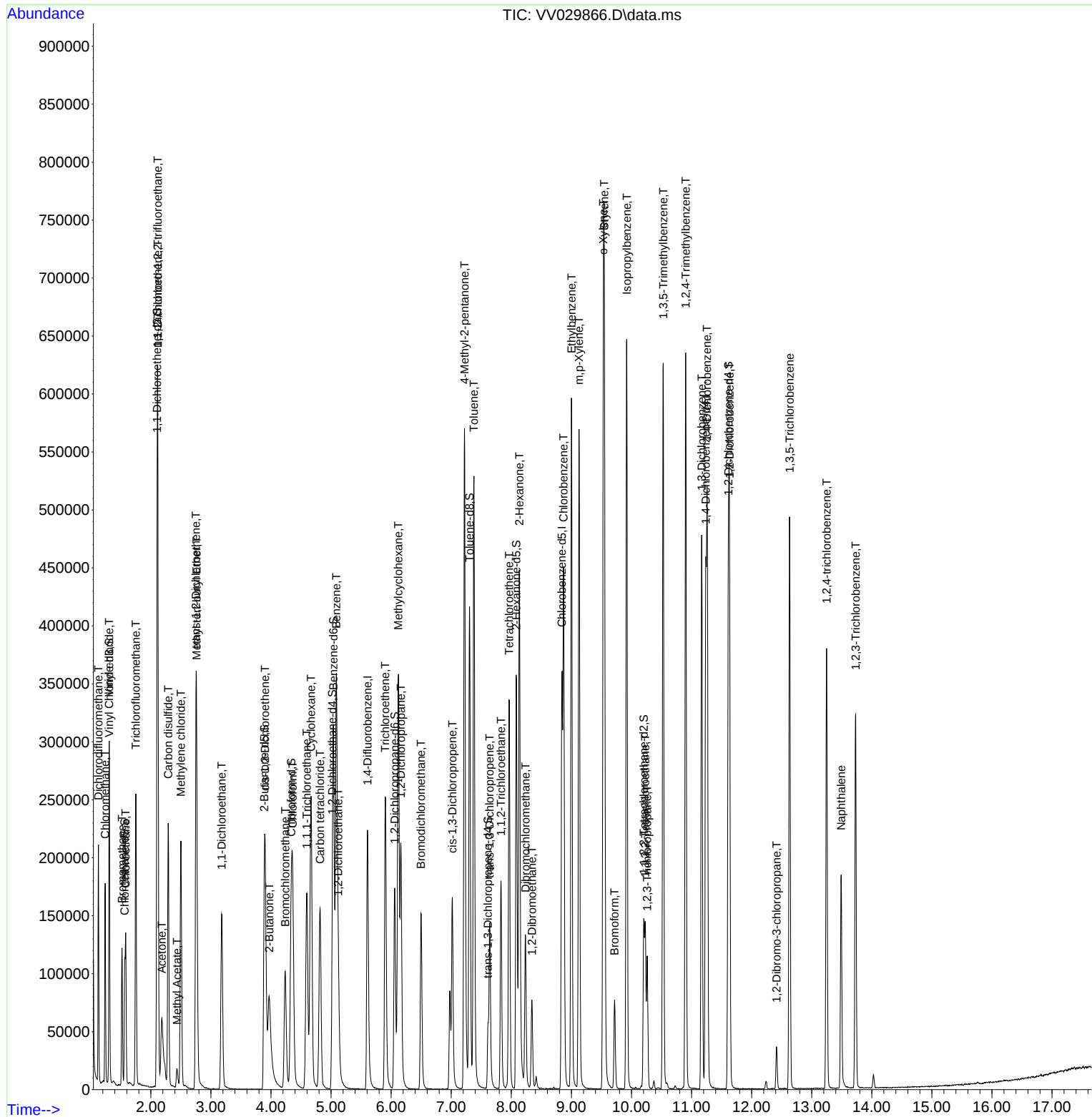
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	80714	5.434	ug/L	99
29) 1,1,1-Trichloroethane	4.596	97	145502	5.554	ug/L	99
30) Cyclohexane	4.667	56	141457	5.704	ug/L	99
31) Carbon tetrachloride	4.815	117	124649	5.469	ug/L	100
33) Benzene	5.088	78	385468	5.779	ug/L	100
34) Trichloroethene	5.902	95	95135	5.628	ug/L	98
35) Methylcyclohexane	6.120	83	158367	5.549	ug/L	99
37) 1,2-Dichloropropane	6.162	63	90131	5.770	ug/L	99
38) Bromodichloromethane	6.497	83	107957	5.344	ug/L	96
39) cis-1,3-Dichloropropene	7.018	75	109089	5.208	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	371832	55.781	ug/L	99
42) Toluene	7.378	91	409497	5.692	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	87527	5.185	ug/L	97
45) 1,1,2-Trichloroethane	7.828	97	61276	5.445	ug/L	98
47) Tetrachloroethene	7.963	164	80266	5.640	ug/L	98
48) 2-Hexanone	8.133	43	275819	57.890	ug/L	99
49) Dibromochloromethane	8.236	129	69012	5.225	ug/L	98
50) 1,2-Dibromoethane	8.342	107	54227	5.551	ug/L	98
51) Chlorobenzene	8.870	112	254341	5.568	ug/L	99
52) Ethylbenzene	9.001	91	419834	5.576	ug/L	99
53) m,p-Xylene	9.127	106	168770	5.663	ug/L	99
54) o-Xylene	9.532	106	158965	5.620	ug/L	100
55) Styrene	9.548	104	281862	5.794	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.230	83	69341	5.547	ug/L	99
59) Bromoform	9.718	173	35618	4.807	ug/L	99
60) Isopropylbenzene	9.921	105	423806	5.796	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	47098	5.560	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	341898	5.456	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	347745	5.565	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	207041	5.576	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	204739	5.531	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	182899	5.479	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	9393	4.689	ug/L	95
69) 1,3,5-Trichlorobenzene	12.632	180	157928	5.284	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	123323	5.280	ug/L	99
71) Naphthalene	13.490	128	152638	5.044	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	101189	5.220	ug/L	99

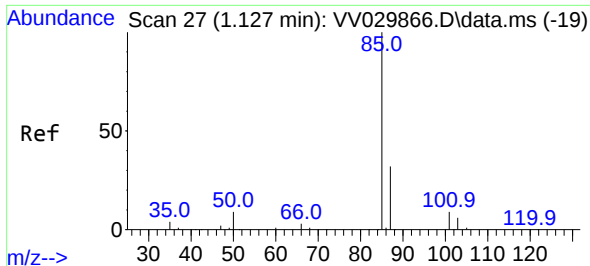
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Instrument :
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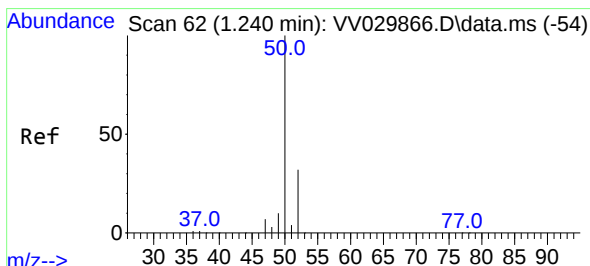
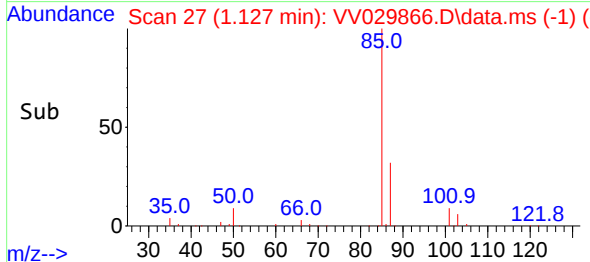
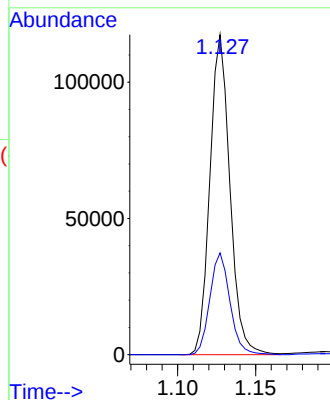
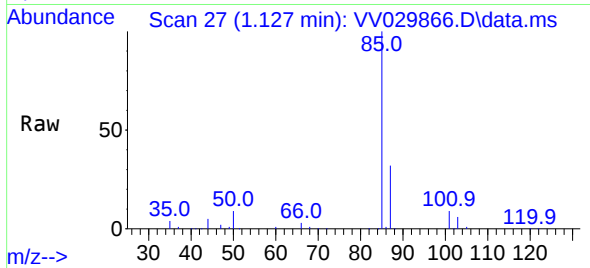




#2
 Dichlorodifluoromethane
 Concen: 5.315 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029866.D
 Acq: 16 Jan 2023 10:03

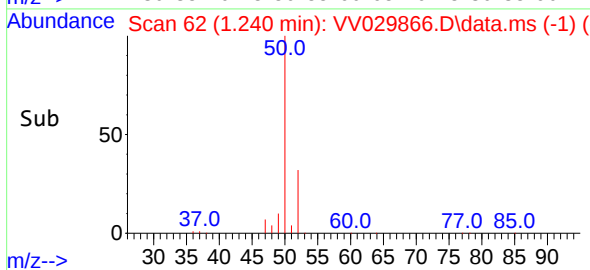
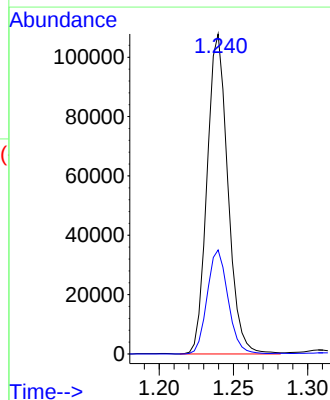
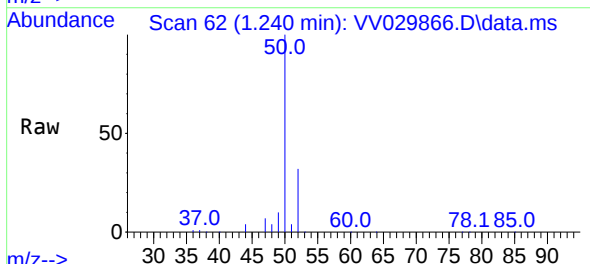
Instrument :
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 ClientSampleId :
 VSTD005386

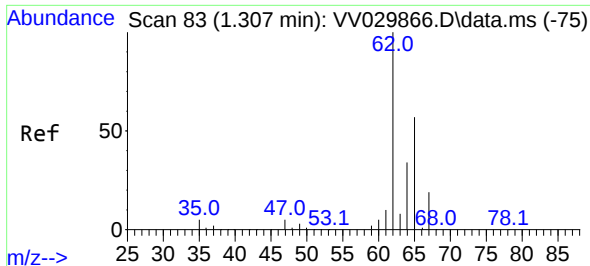
Tgt Ion: 85 Resp: 104767
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.5 39.7



#3
 Chloromethane
 Concen: 5.056 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV029866.D
 Acq: 16 Jan 2023 10:03

Tgt Ion: 50 Resp: 104891
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.1 42.9

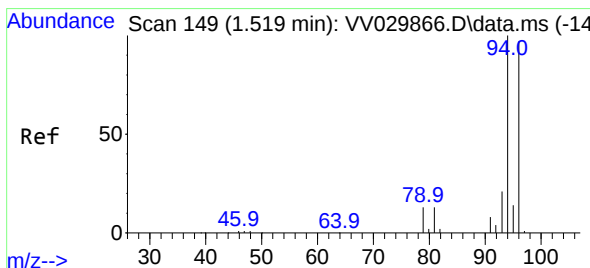
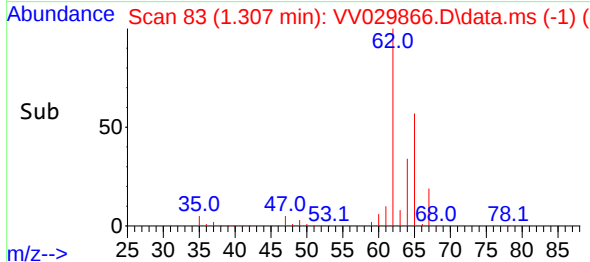
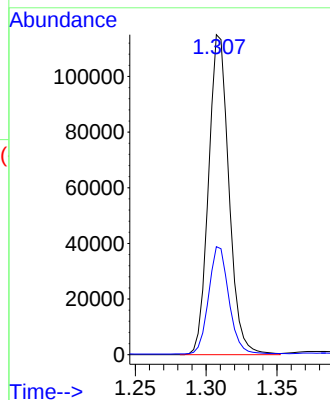
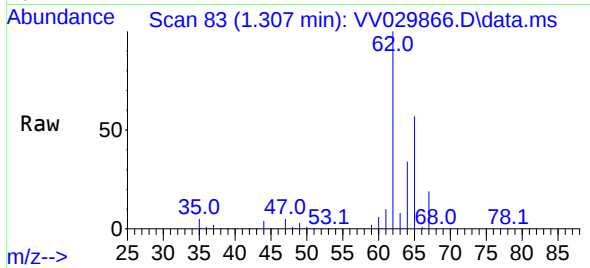




#5
 Vinyl chloride
 Concen: 5.660 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.003 min
 Lab File: VV029866.D
 Acq: 16 Jan 2023 10:03

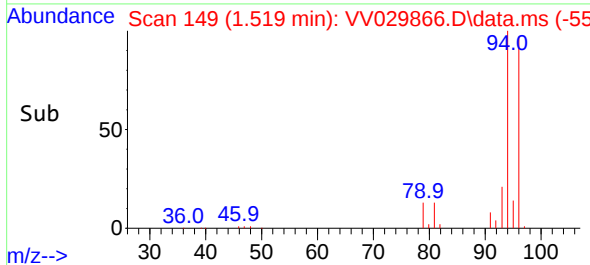
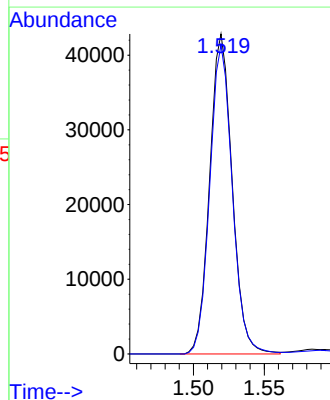
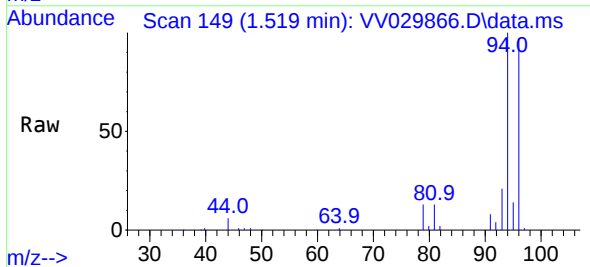
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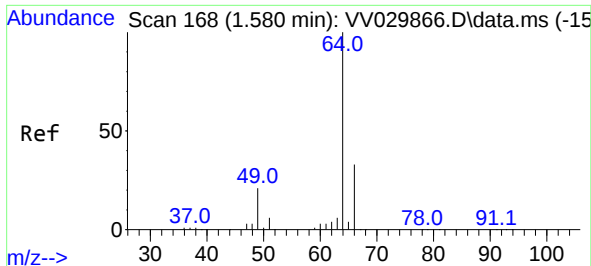
Tgt Ion: 62 Resp: 115138
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.2 43.2



#6
 Bromomethane
 Concen: 4.780 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV029866.D
 Acq: 16 Jan 2023 10:03

Tgt Ion: 94 Resp: 47342
 Ion Ratio Lower Upper
 94 100
 96 96.6 65.9 122.5

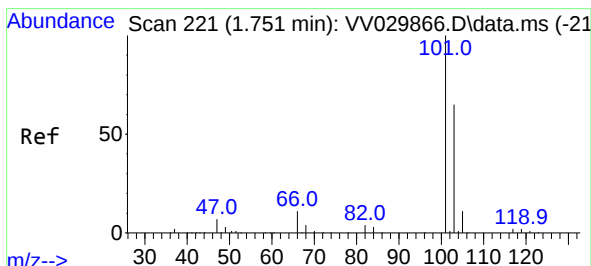
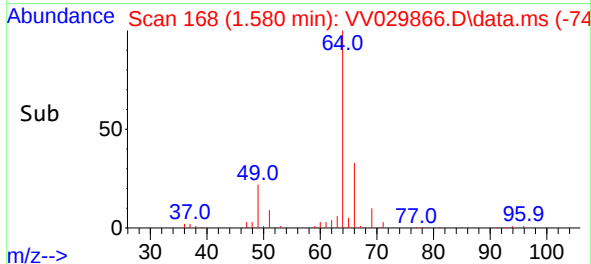
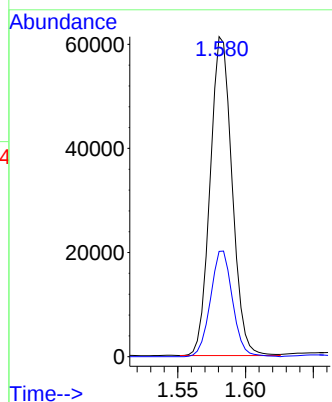
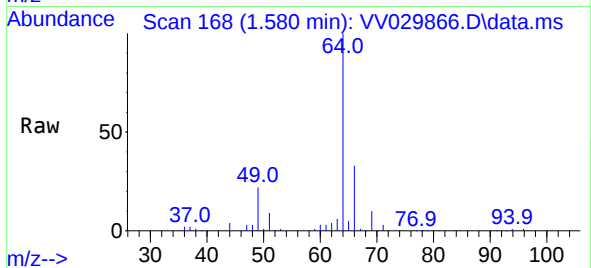




#8
Chloroethane
Concen: 5.588 ug/L
RT: 1.580 min Scan# 168
Delta R.T. 0.003 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

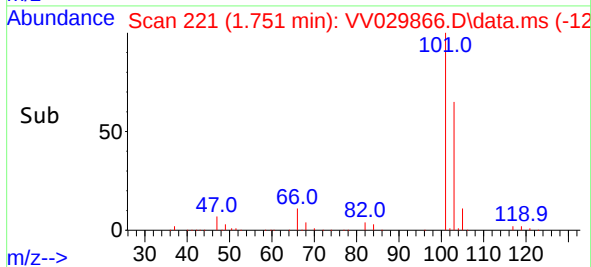
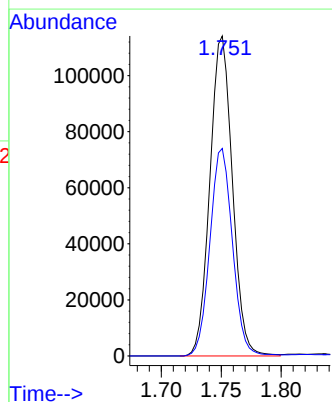
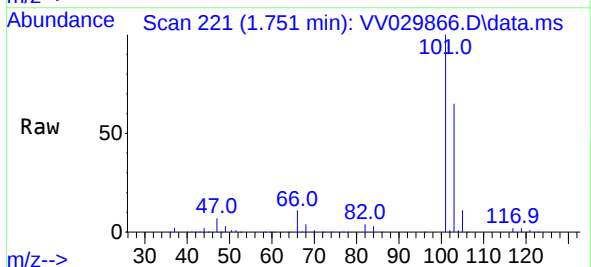
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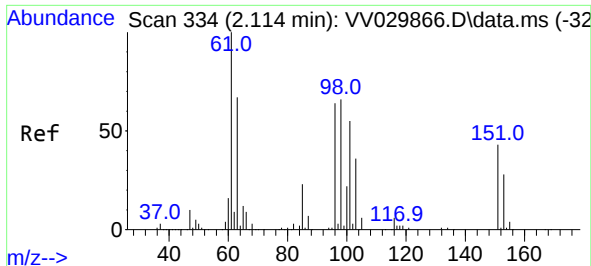
Tgt Ion: 64 Resp: 68968
Ion Ratio Lower Upper
64 100
66 32.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.589 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

Tgt Ion:101 Resp: 148912
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.8

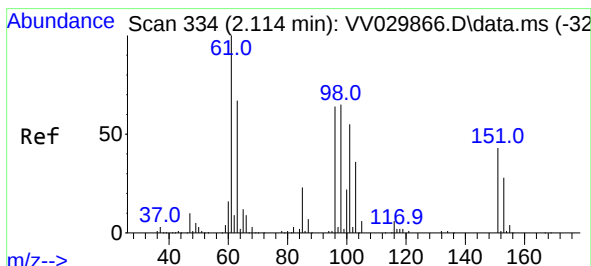
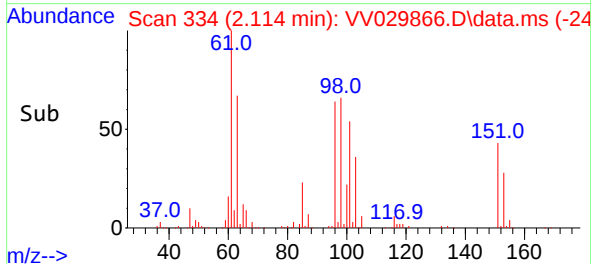
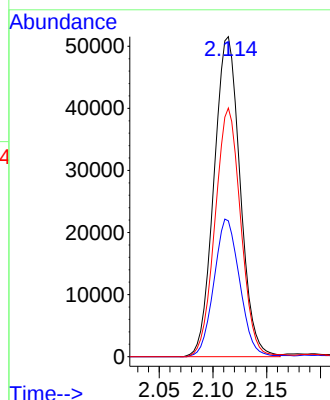
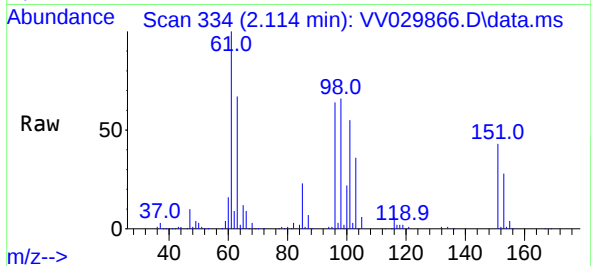




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.558 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029866.D
 Acq: 16 Jan 2023 10:03

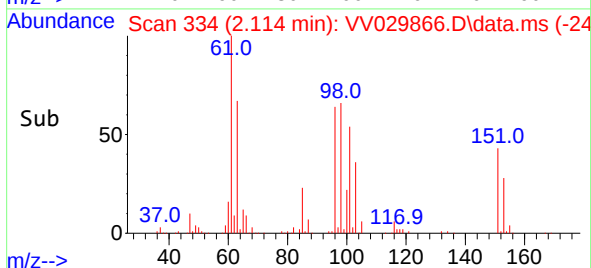
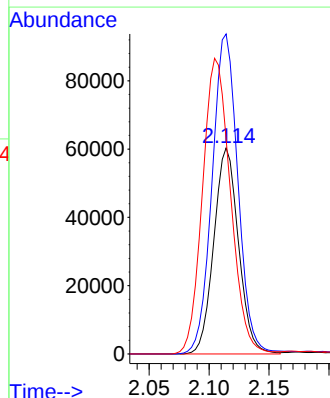
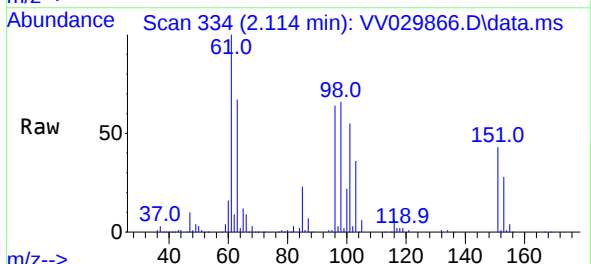
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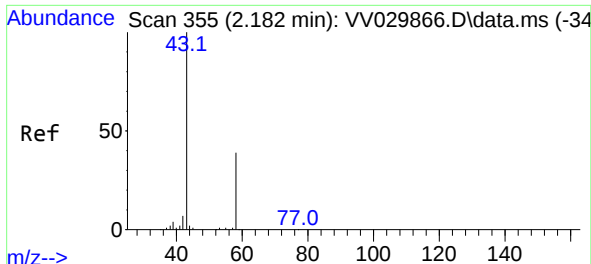
Tgt Ion:101 Resp: 87238
 Ion Ratio Lower Upper
 101 100
 85 42.3 32.9 49.3
 151 76.5 60.9 91.3



#12
 1,1-Dichloroethene
 Concen: 4.767 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029866.D
 Acq: 16 Jan 2023 10:03

Tgt Ion: 96 Resp: 86202
 Ion Ratio Lower Upper
 96 100
 61 155.3 106.1 197.1
 63 104.3 76.4 141.8





#13

Acetone

Concen: 52.669 ug/L

RT: 2.182 min Scan# 355

Delta R.T. -0.016 min

Lab File: VV029866.D

Acq: 16 Jan 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

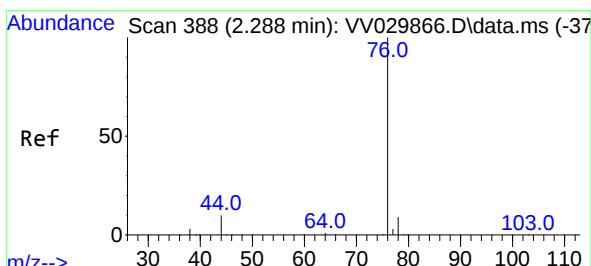
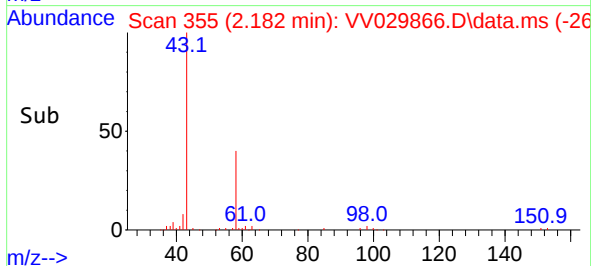
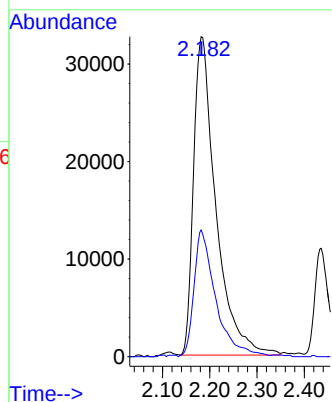
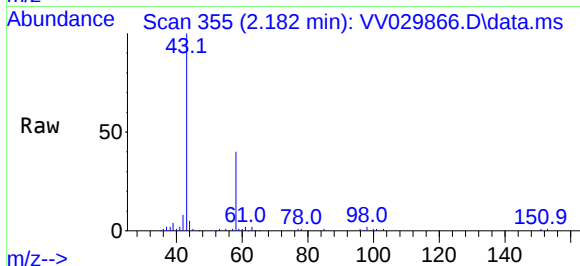
VSTD005386

Tgt Ion: 43 Resp: 107033

Ion Ratio Lower Upper

43 100

58 38.7 0.0 68.8



#14

Carbon disulfide

Concen: 5.092 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV029866.D

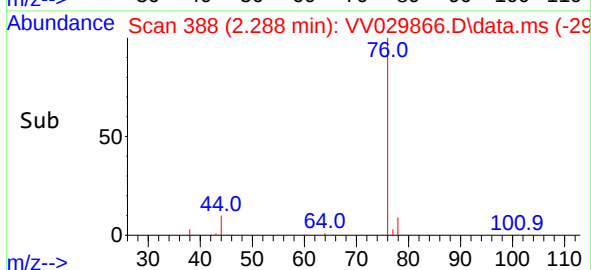
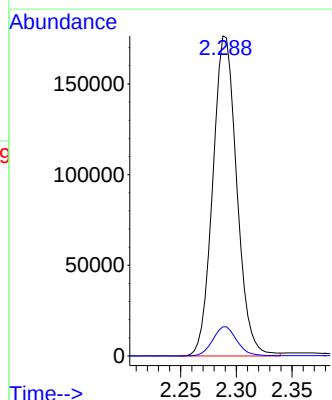
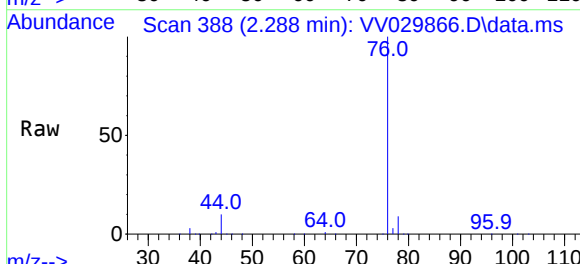
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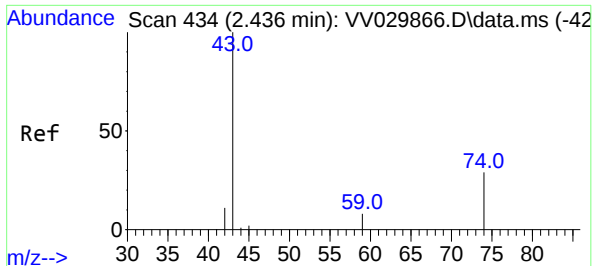
Tgt Ion: 76 Resp: 265122

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

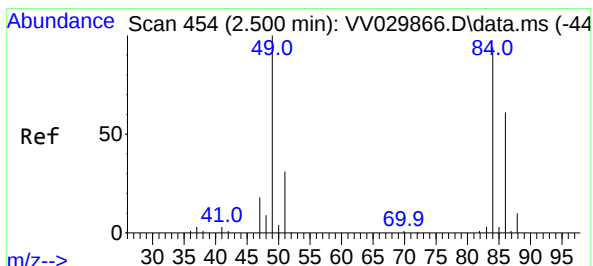
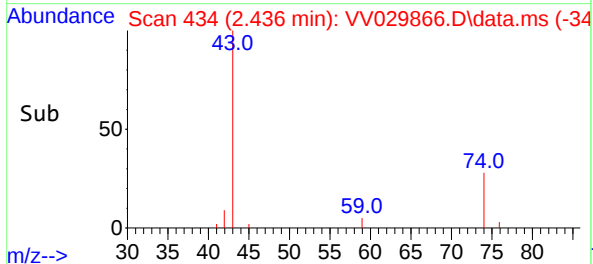
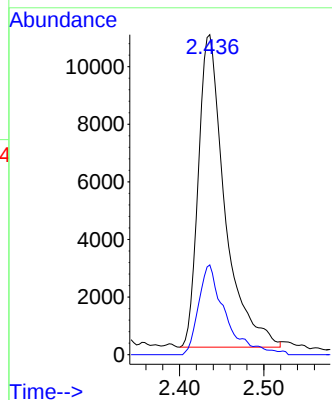
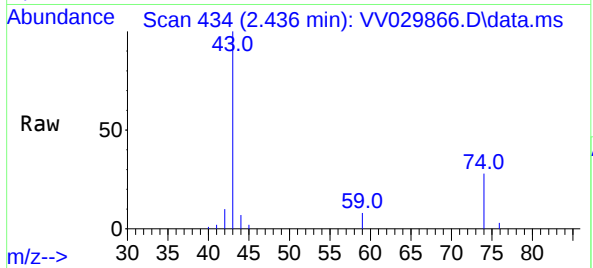




#15
Methyl Acetate
Concen: 4.478 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

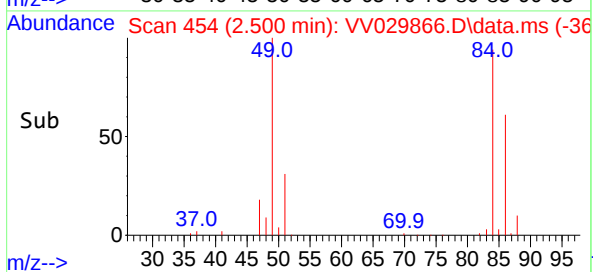
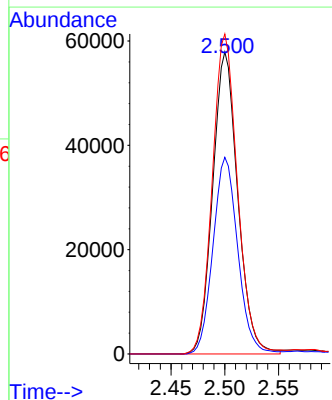
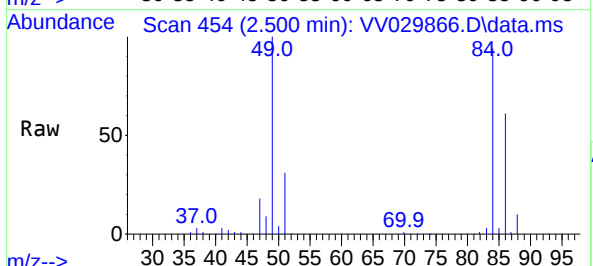
Instrument :
MSVOA_V
ClientSampleId :
VSTD005386

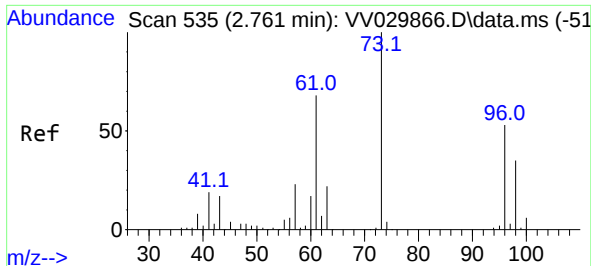
Tgt Ion: 43 Resp: 23700
Ion Ratio Lower Upper
43 100
74 29.4 23.4 35.0



#16
Methylene chloride
Concen: 4.181 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

Tgt Ion: 84 Resp: 93932
Ion Ratio Lower Upper
84 100
86 65.1 45.0 83.6
49 105.9 71.5 132.7

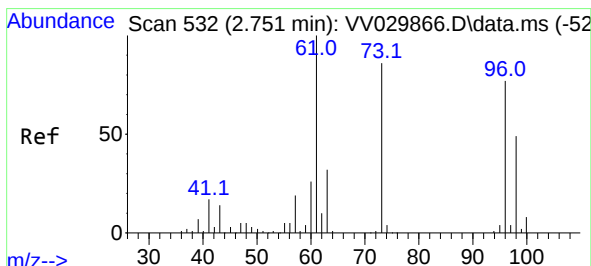
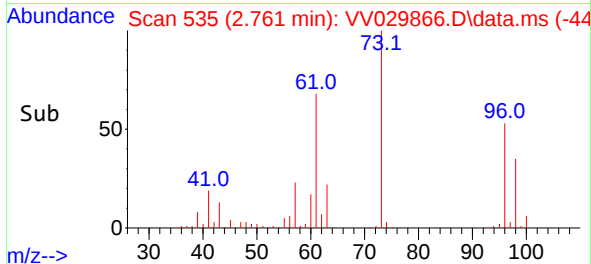
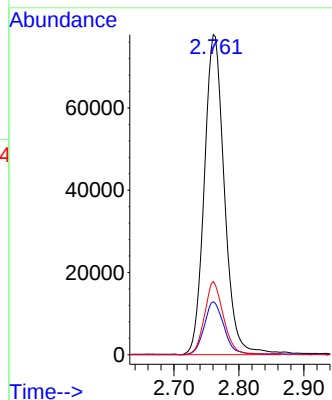
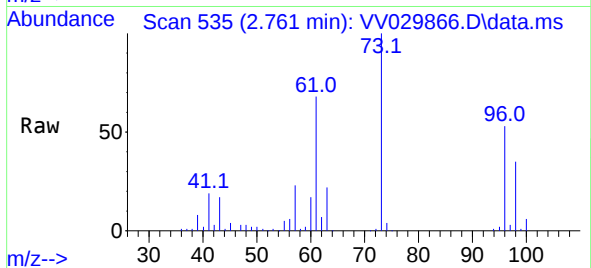




#17
Methyl tert-butyl Ether
Concen: 5.363 ug/L
RT: 2.761 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

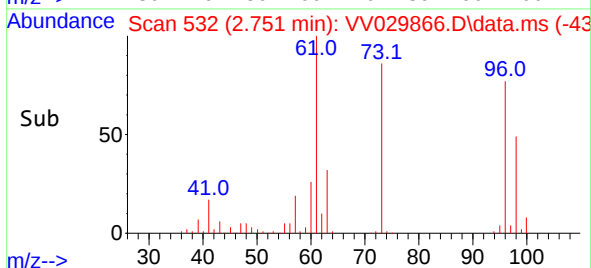
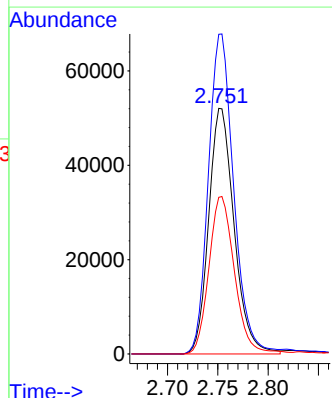
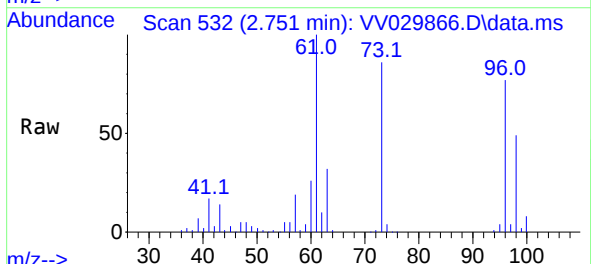
Instrument :
MSVOA_V
ClientSampleId :
VSTD005386

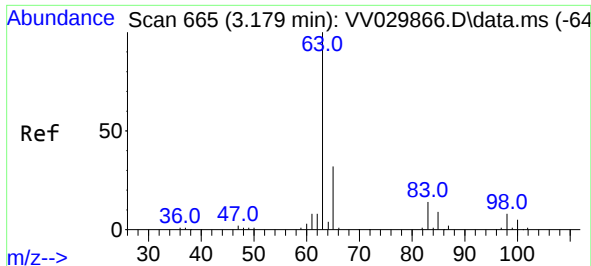
Tgt Ion: 73 Resp: 167697
Ion Ratio Lower Upper
73 100
43 16.4 13.0 19.4
57 21.8 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.447 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.000 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

Tgt Ion: 96 Resp: 91571
Ion Ratio Lower Upper
96 100
61 130.2 86.1 159.9
98 63.8 43.9 81.5

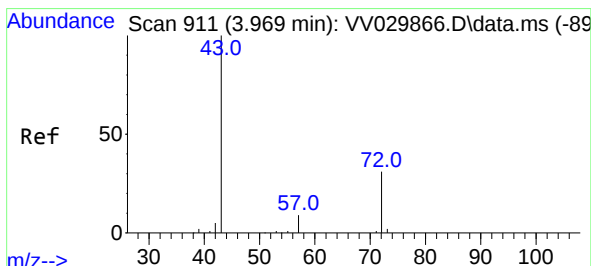
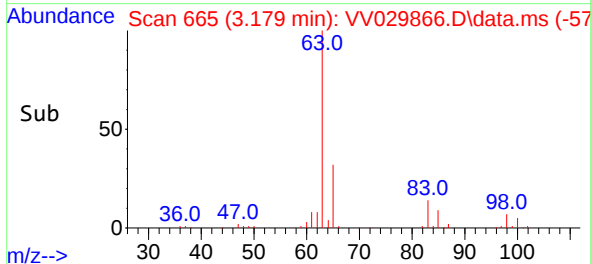
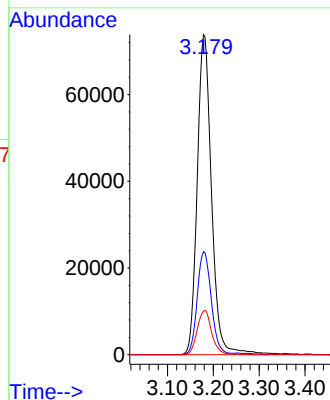
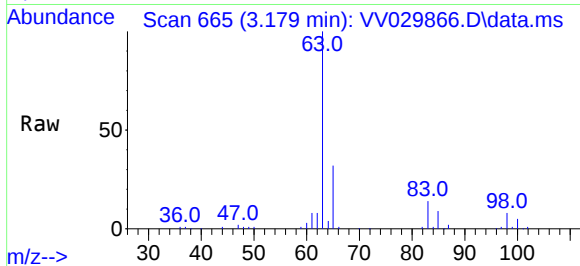




#19
1,1-Dichloroethane
Concen: 5.693 ug/L
RT: 3.179 min Scan# 665
Delta R.T. -0.000 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

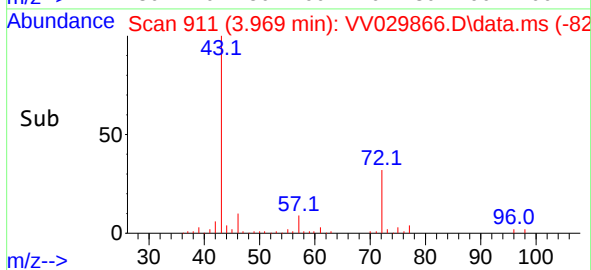
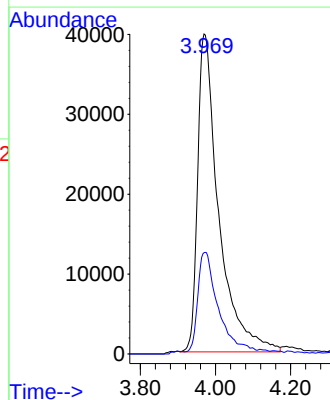
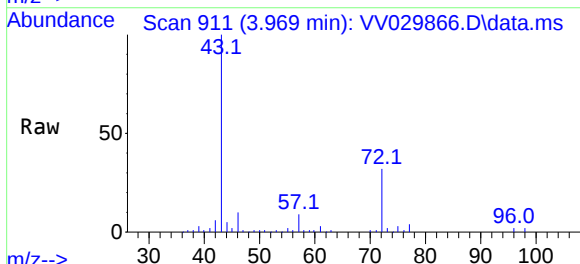
Instrument :
MSVOA_V
ClientSampleId :
VSTD005386

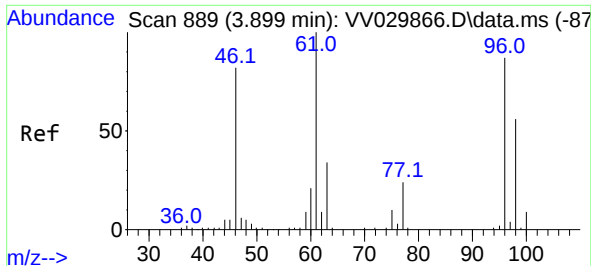
Tgt Ion: 63 Resp: 160104
Ion Ratio Lower Upper
63 100
65 32.2 22.4 41.6
83 13.6 10.2 19.0



#21
2-Butanone
Concen: 53.317 ug/L
RT: 3.969 min Scan# 911
Delta R.T. -0.013 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

Tgt Ion: 43 Resp: 155221
Ion Ratio Lower Upper
43 100
72 30.4 13.9 41.6

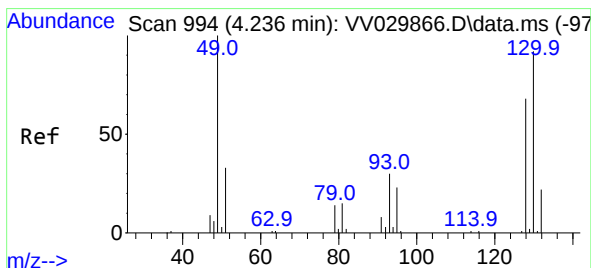
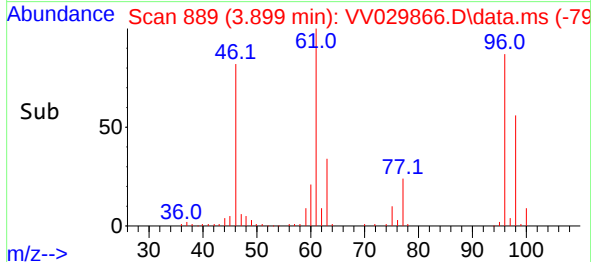
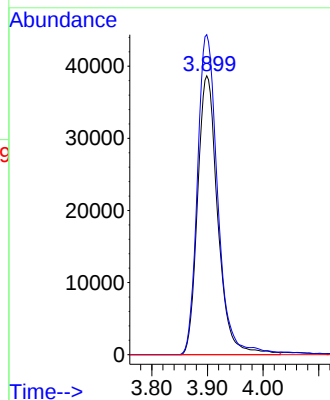
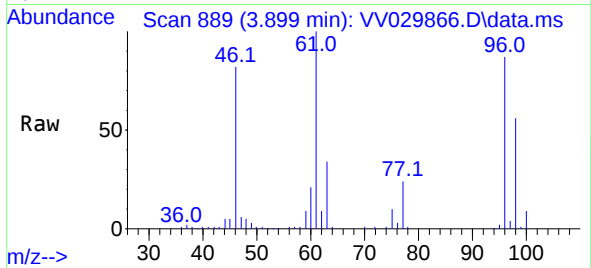




#22
 cis-1,2-Dichloroethene
 Concen: 5.432 ug/L
 RT: 3.899 min Scan# 889
 Delta R.T. -0.000 min
 Lab File: VV029866.D
 Acq: 16 Jan 2023 10:03

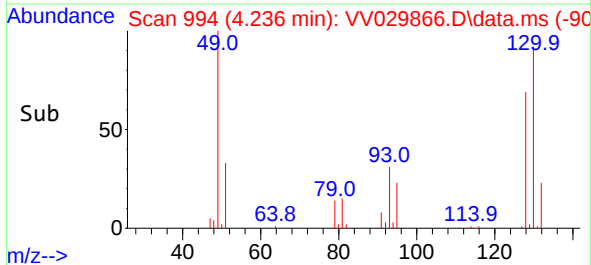
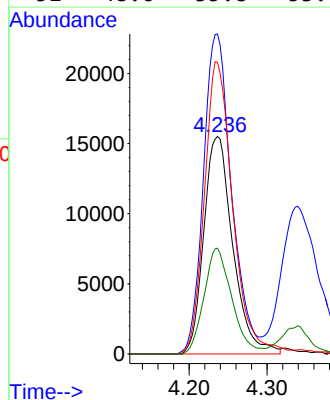
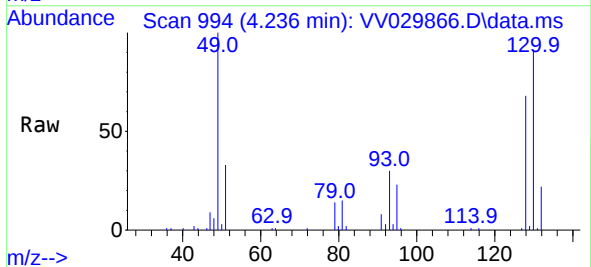
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005386

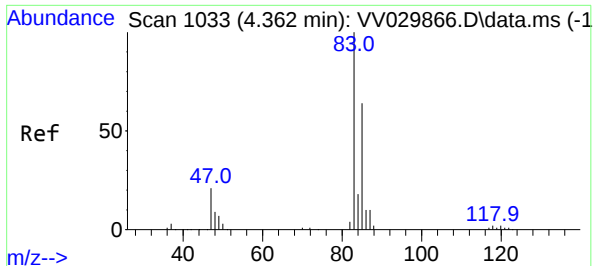
Tgt Ion: 96 Resp: 97309
 Ion Ratio Lower Upper
 96 100
 61 114.7 80.0 148.6
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.417 ug/L
 RT: 4.236 min Scan# 994
 Delta R.T. -0.000 min
 Lab File: VV029866.D
 Acq: 16 Jan 2023 10:03

Tgt Ion:128 Resp: 40072
 Ion Ratio Lower Upper
 128 100
 49 147.1 91.2 169.4
 130 134.1 87.0 161.6
 51 48.6 35.8 53.6





#25

Chloroform

Concen: 5.361 ug/L

RT: 4.362 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VV029866.D

Acq: 16 Jan 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

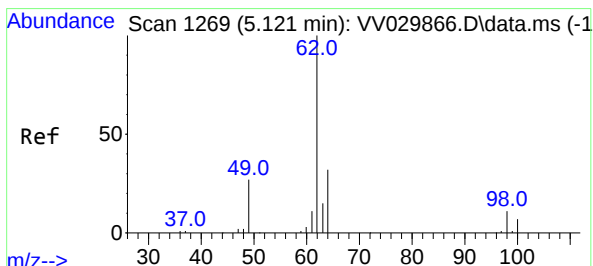
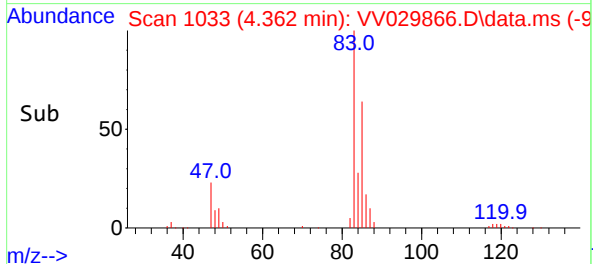
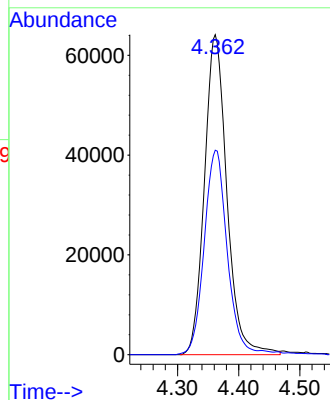
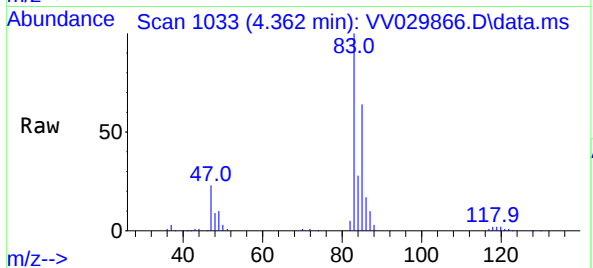
VSTD005386

Tgt Ion: 83 Resp: 163871

Ion Ratio Lower Upper

83 100

85 63.9 46.5 86.5



#27

1,2-Dichloroethane

Concen: 5.434 ug/L

RT: 5.121 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VV029866.D

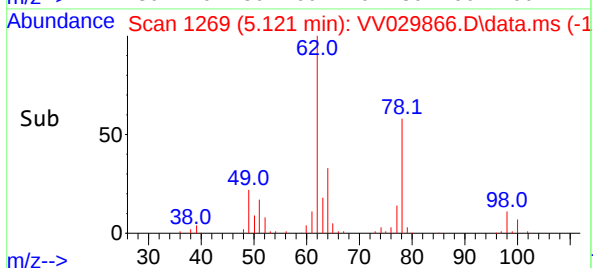
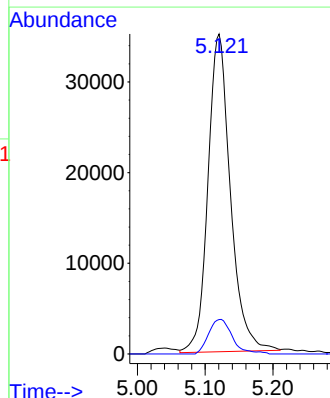
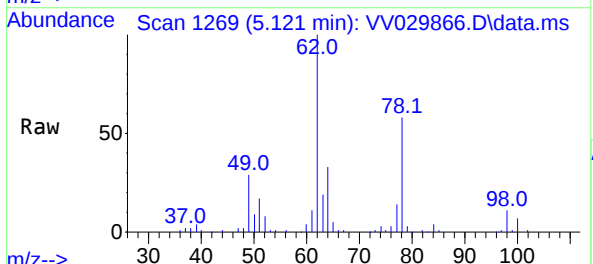
Acq: 16 Jan 2023 10:03

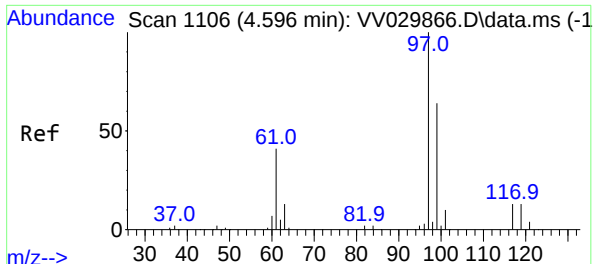
Tgt Ion: 62 Resp: 80714

Ion Ratio Lower Upper

62 100

98 10.8 8.9 13.3

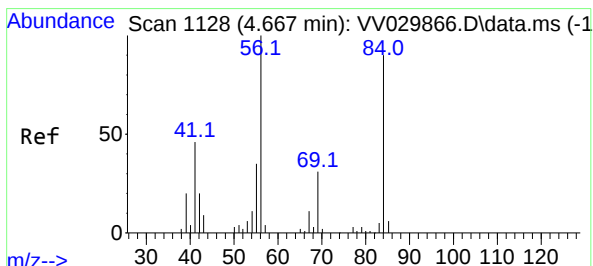
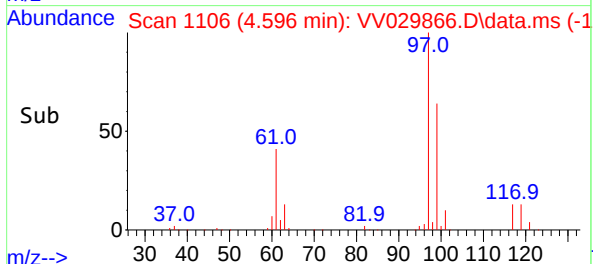
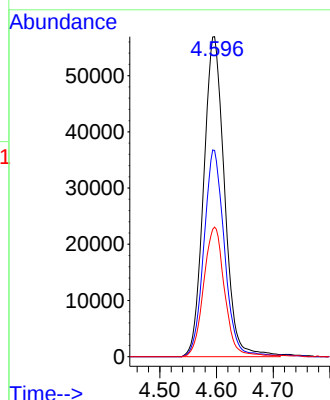
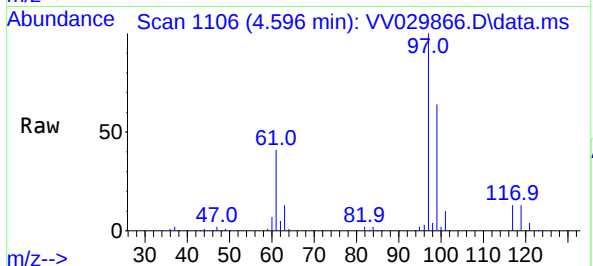




#29
1,1,1-Trichloroethane
Concen: 5.554 ug/L
RT: 4.596 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

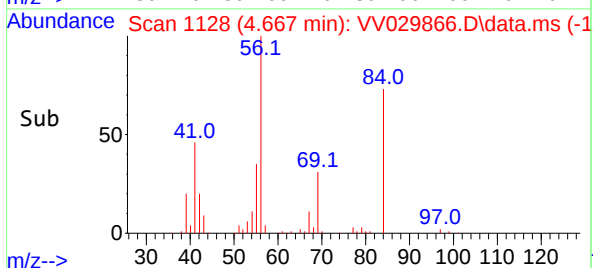
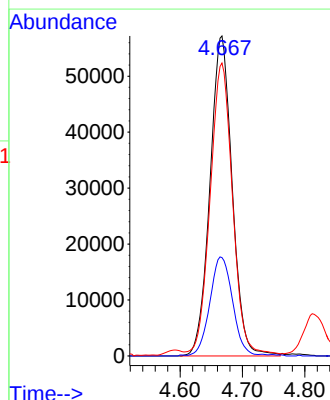
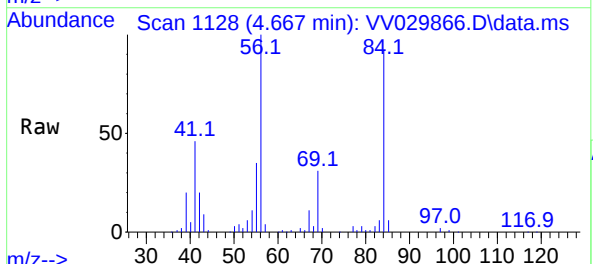
Instrument :
MSVOA_V
ClientSampleId :
VSTD005386

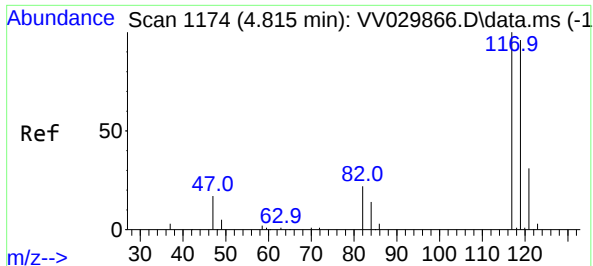
Tgt Ion: 97 Resp: 145502
Ion Ratio Lower Upper
97 100
99 63.7 51.3 76.9
61 40.5 31.6 47.4



#30
Cyclohexane
Concen: 5.704 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

Tgt Ion: 56 Resp: 141457
Ion Ratio Lower Upper
56 100
69 31.1 26.7 40.1
84 92.5 73.8 110.8

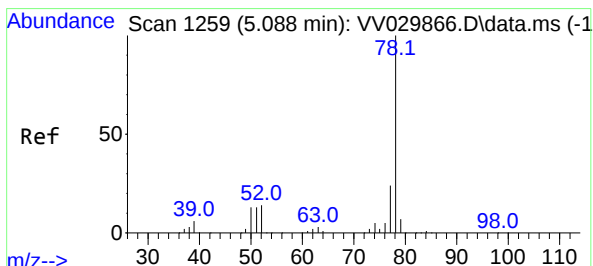
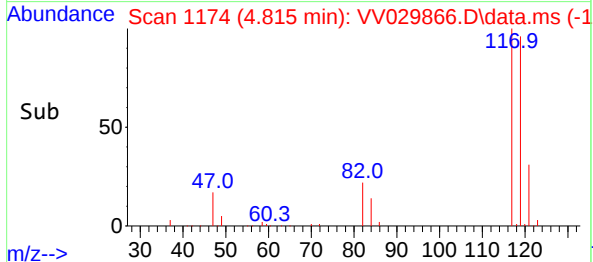
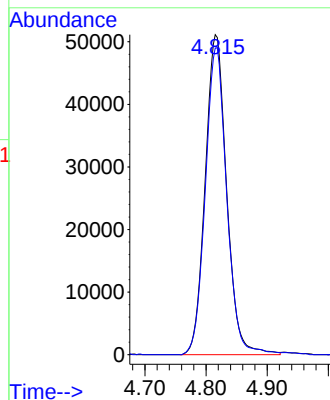
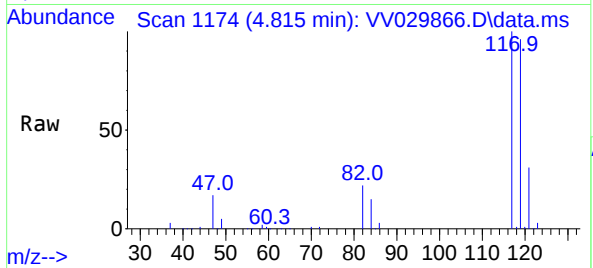




#31
Carbon tetrachloride
Concen: 5.469 ug/L
RT: 4.815 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

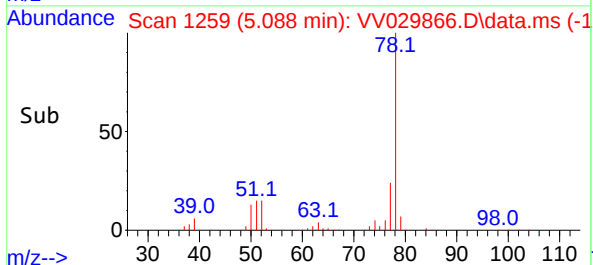
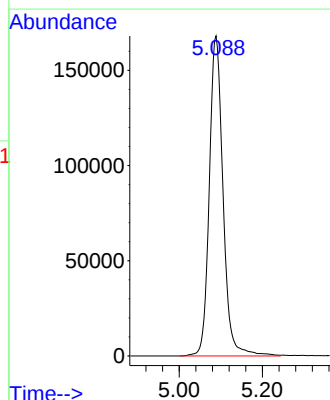
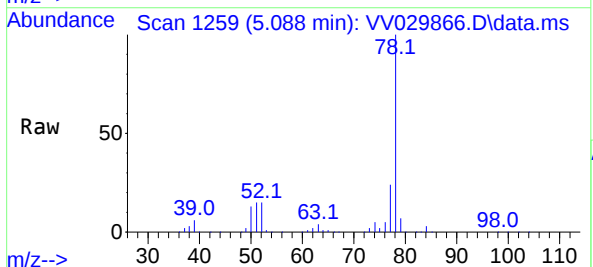
Instrument :
MSVOA_V
ClientSampleId :
VSTD005386

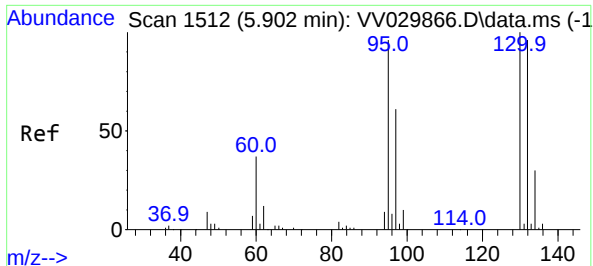
Tgt Ion:117 Resp: 124649
Ion Ratio Lower Upper
117 100
119 95.9 76.6 114.8



#33
Benzene
Concen: 5.779 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

Tgt Ion: 78 Resp: 385468



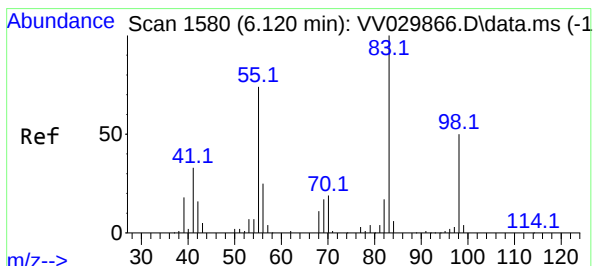
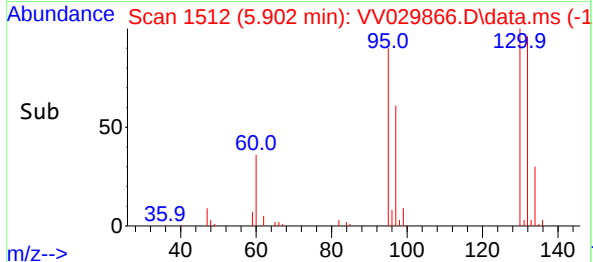
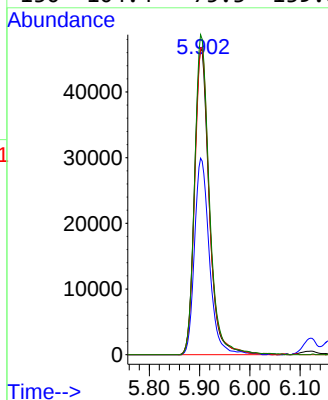
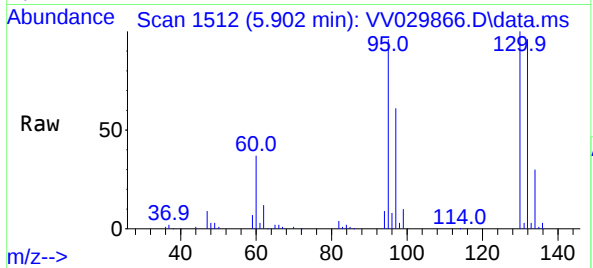


#34
Trichloroethene
Concen: 5.628 ug/L
RT: 5.902 min Scan# 1512
Delta R.T. -0.003 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD005386

Tgt Ion: 95 Resp: 95135

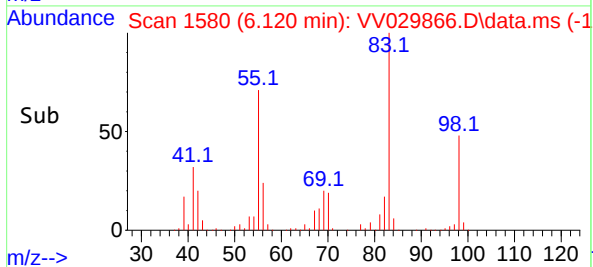
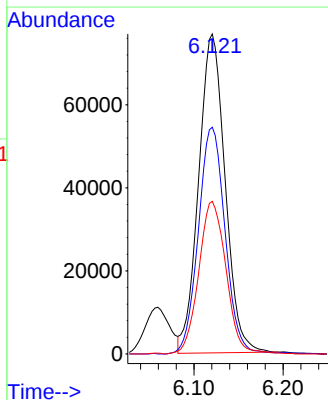
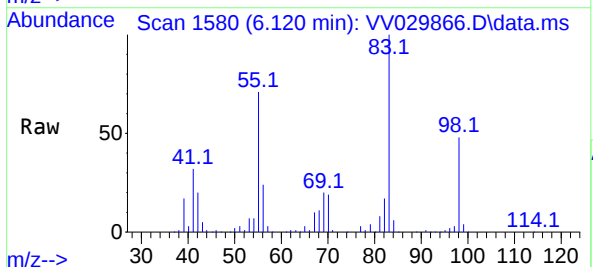
Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.9	83.3
132	100.1	71.8	133.4
130	104.4	75.3	139.8

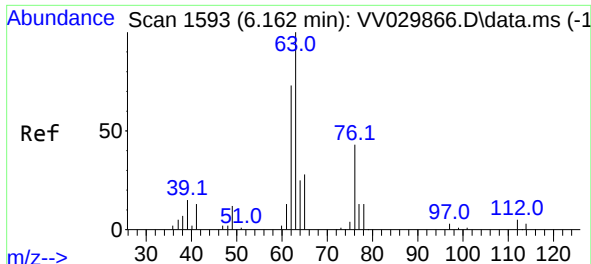


#35
Methylcyclohexane
Concen: 5.549 ug/L
RT: 6.120 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

Tgt Ion: 83 Resp: 158367

Ion	Ratio	Lower	Upper
83	100		
55	72.0	57.3	85.9
98	49.4	39.0	58.6

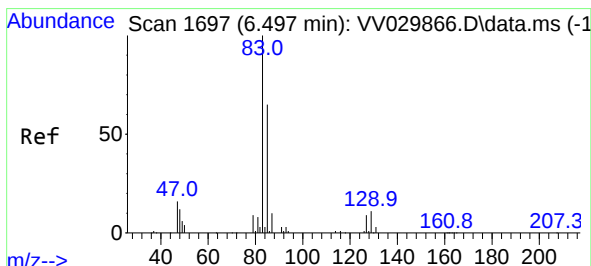
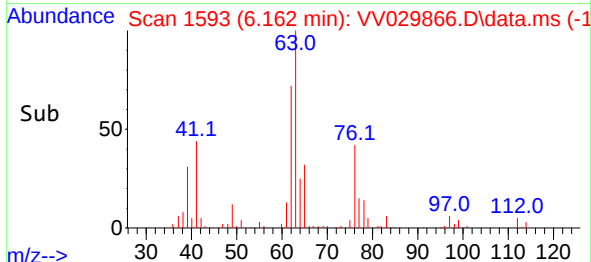
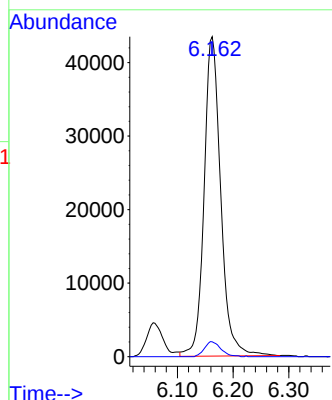
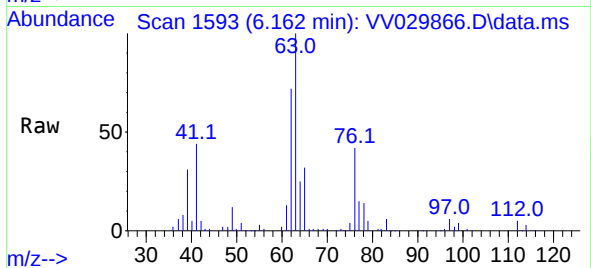




#37
1,2-Dichloropropane
Concen: 5.770 ug/L
RT: 6.162 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

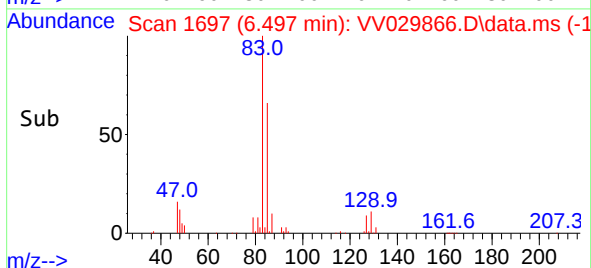
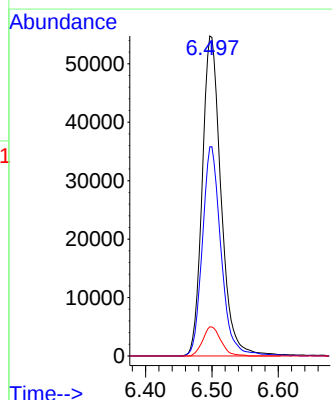
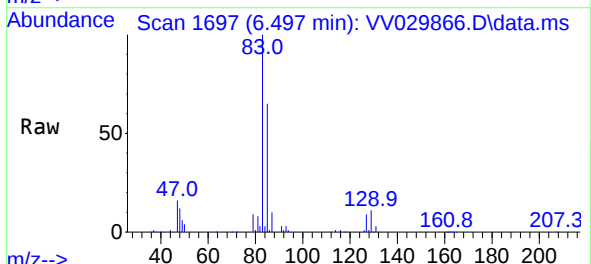
Instrument :
MSVOA_V
ClientSampleId :
VSTD005386

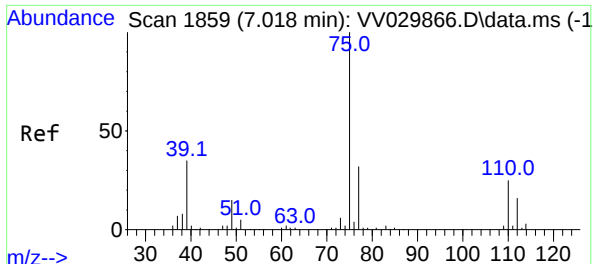
Tgt Ion: 63 Resp: 90131
Ion Ratio Lower Upper
63 100
112 4.7 3.9 5.9



#38
Bromodichloromethane
Concen: 5.344 ug/L
RT: 6.497 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

Tgt Ion: 83 Resp: 107957
Ion Ratio Lower Upper
83 100
85 65.4 43.2 80.2
127 9.1 7.0 10.6

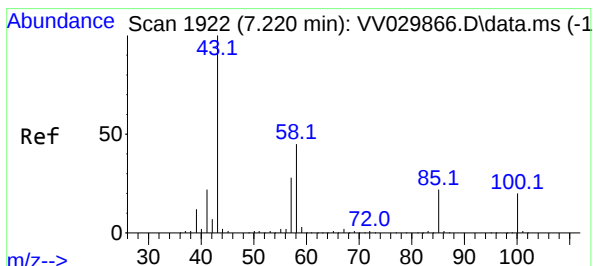
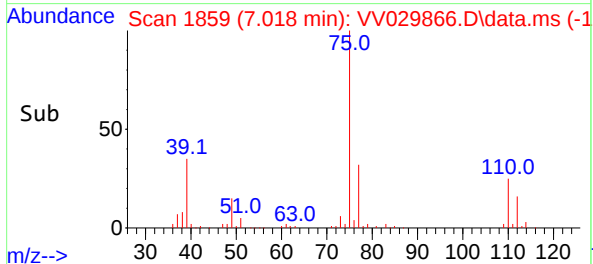
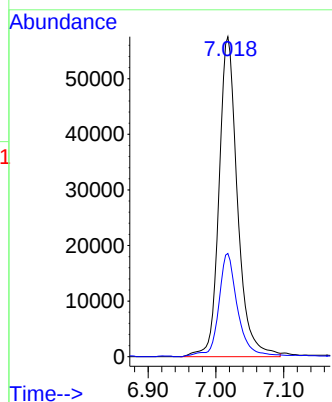
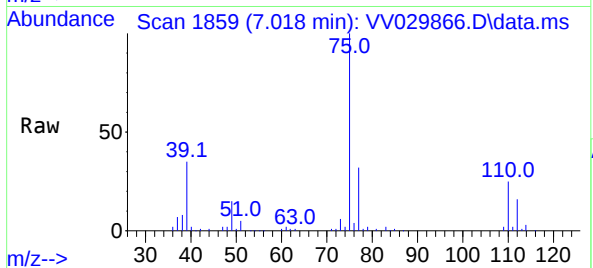




#39
cis-1,3-Dichloropropene
Concen: 5.208 ug/L
RT: 7.018 min Scan# 1859
Delta R.T. -0.000 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

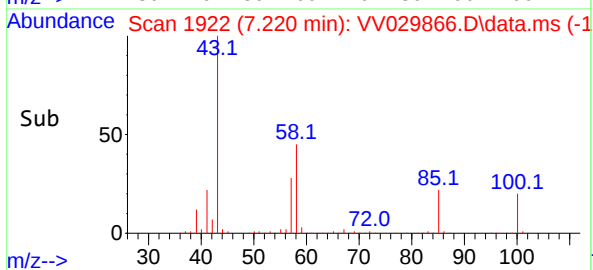
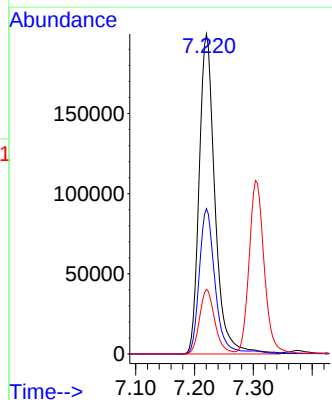
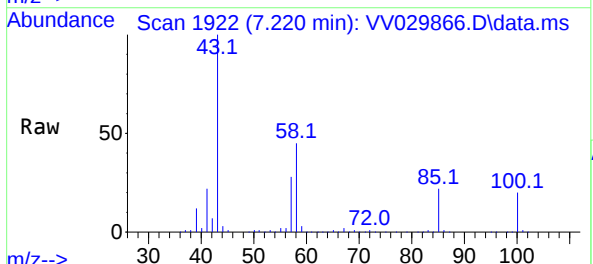
Instrument :
MSVOA_V
ClientSampleId :
VSTD005386

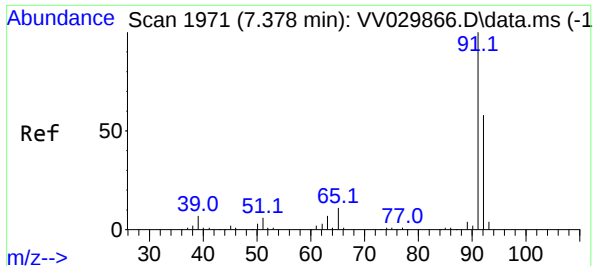
Tgt Ion: 75 Resp: 109089
Ion Ratio Lower Upper
75 100
77 32.2 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 55.781 ug/L
RT: 7.220 min Scan# 1922
Delta R.T. -0.003 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

Tgt Ion: 43 Resp: 371832
Ion Ratio Lower Upper
43 100
58 45.0 36.7 55.1
100 19.5 15.6 23.4





#42

Toluene

Concen: 5.692 ug/L

RT: 7.378 min Scan# 1971

Delta R.T. -0.000 min

Lab File: VV029866.D

Acq: 16 Jan 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

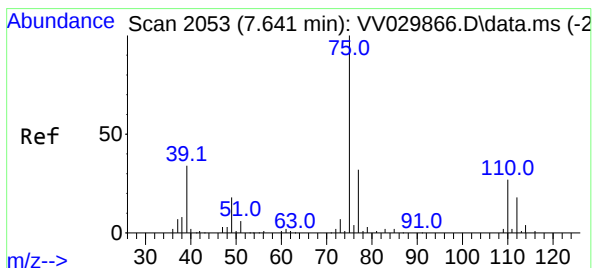
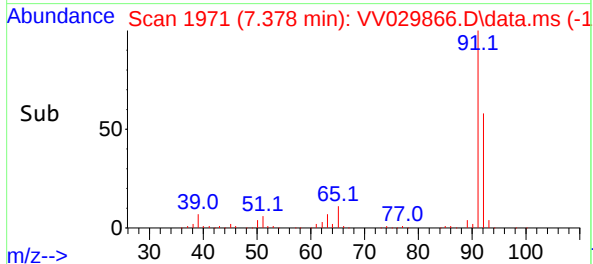
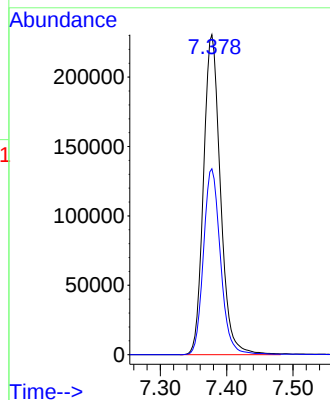
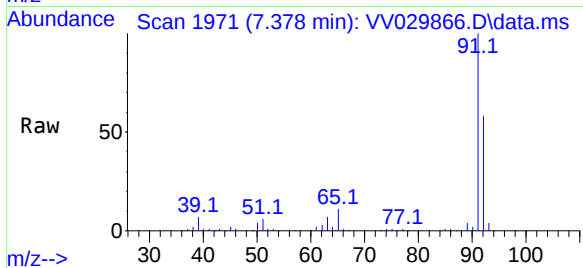
VSTD005386

Tgt Ion: 91 Resp: 409497

Ion Ratio Lower Upper

91 100

92 58.1 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.185 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. -0.000 min

Lab File: VV029866.D

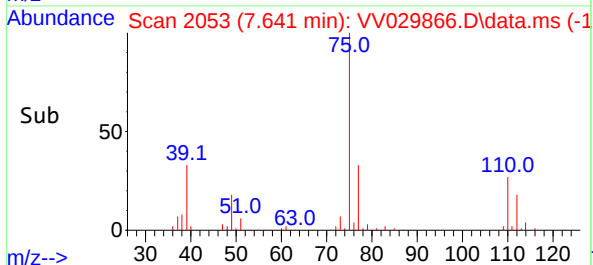
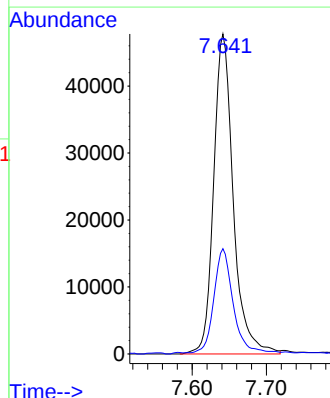
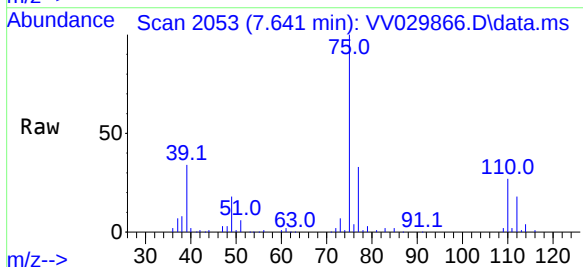
Acq: 16 Jan 2023 10:03

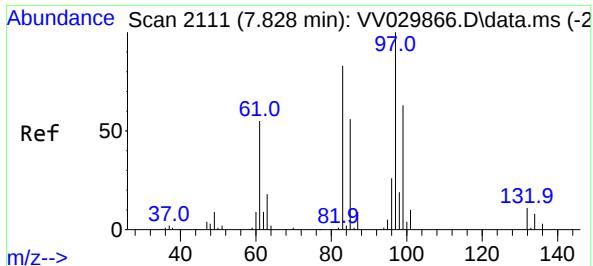
Tgt Ion: 75 Resp: 87527

Ion Ratio Lower Upper

75 100

77 32.9 21.9 40.7



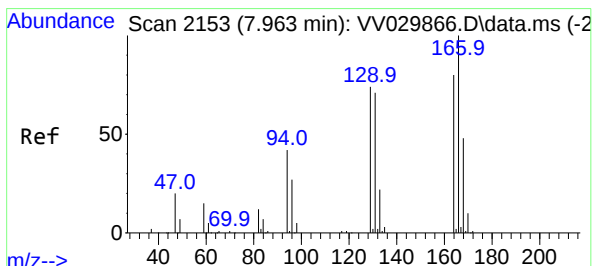
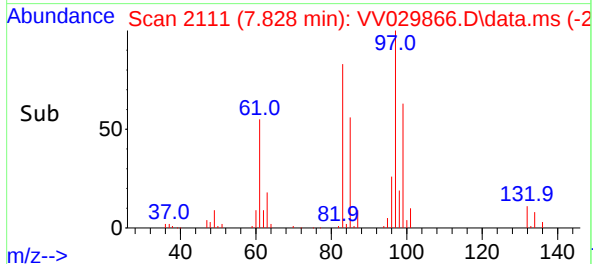
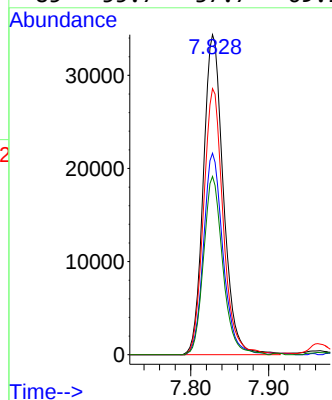
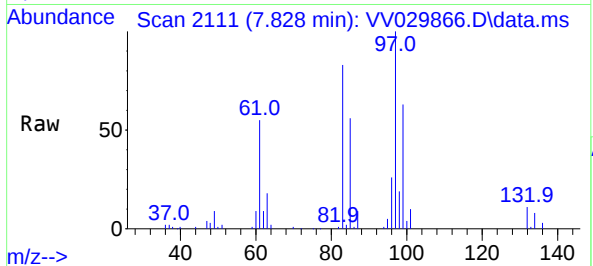


#45
1,1,2-Trichloroethane
Concen: 5.445 ug/L
RT: 7.828 min Scan# 2111
Delta R.T. -0.003 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD005386

Tgt Ion: 97 Resp: 61276

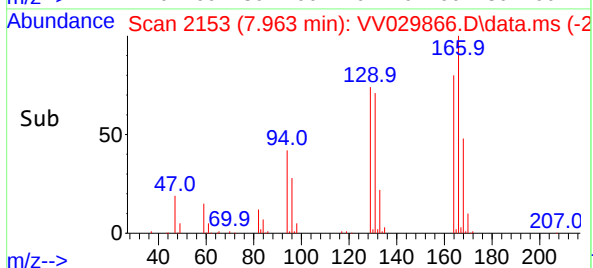
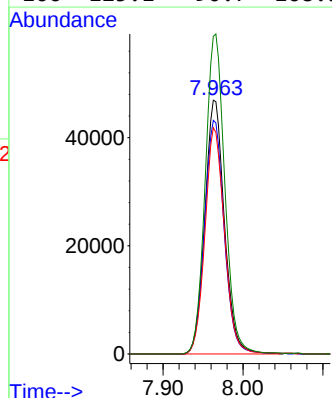
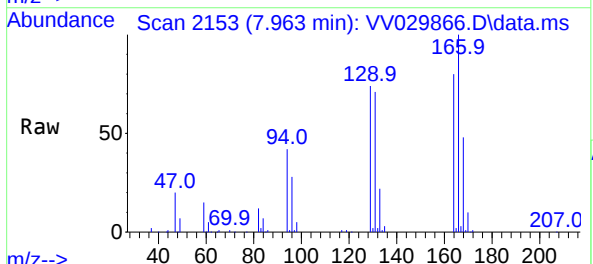
Ion	Ratio	Lower	Upper
97	100		
99	62.9	41.9	77.7
83	83.1	58.7	109.1
85	55.7	37.7	69.9

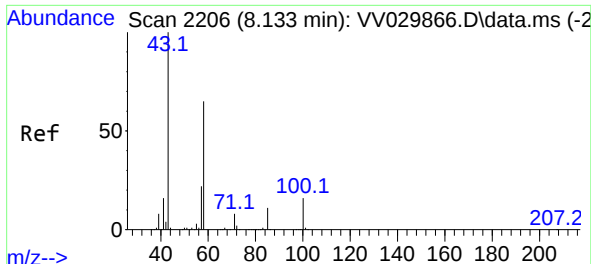


#47
Tetrachloroethene
Concen: 5.640 ug/L
RT: 7.963 min Scan# 2153
Delta R.T. -0.003 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

Tgt Ion: 164 Resp: 80266

Ion	Ratio	Lower	Upper
164	100		
129	92.0	64.5	119.7
131	89.1	62.9	116.7
166	125.1	90.7	168.5





#48

2-Hexanone

Concen: 57.890 ug/L

RT: 8.133 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV029866.D

Acq: 16 Jan 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005386

Tgt Ion: 43 Resp: 275819

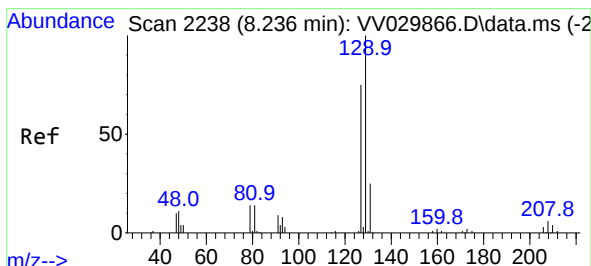
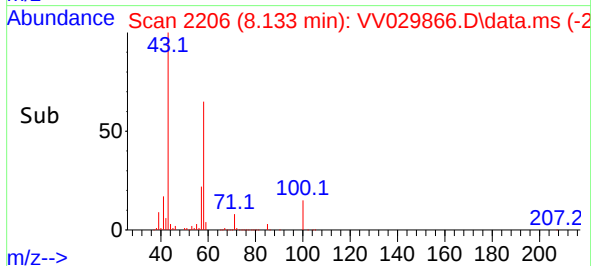
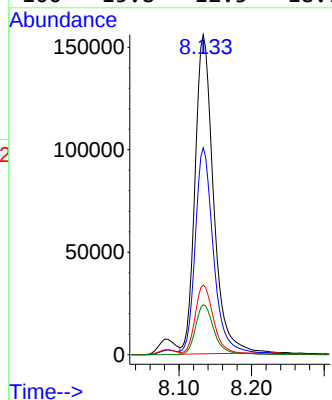
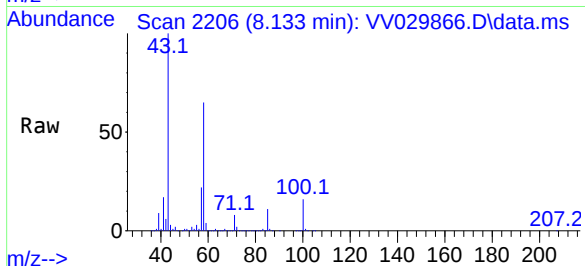
Ion Ratio Lower Upper

43 100

58 64.8 51.4 77.2

57 22.0 17.0 25.6

100 15.8 12.5 18.7



#49

Dibromochloromethane

Concen: 5.225 ug/L

RT: 8.236 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VV029866.D

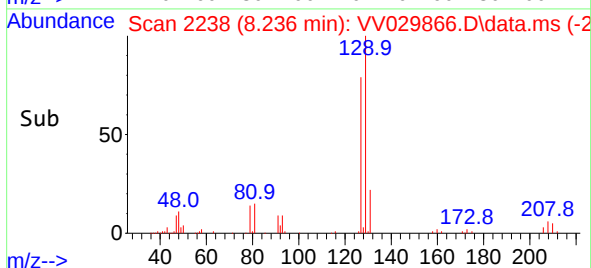
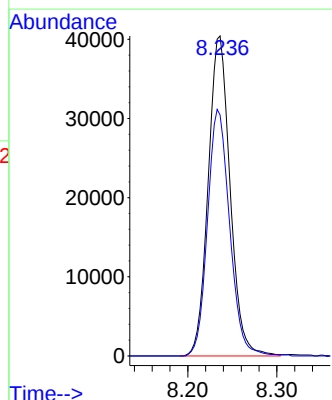
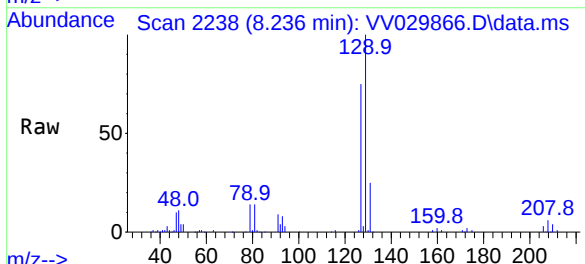
Acq: 16 Jan 2023 10:03

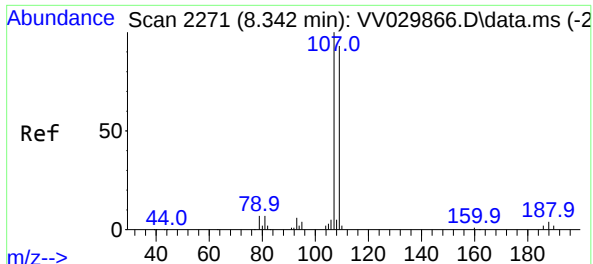
Tgt Ion: 129 Resp: 69012

Ion Ratio Lower Upper

129 100

127 75.4 54.1 100.5



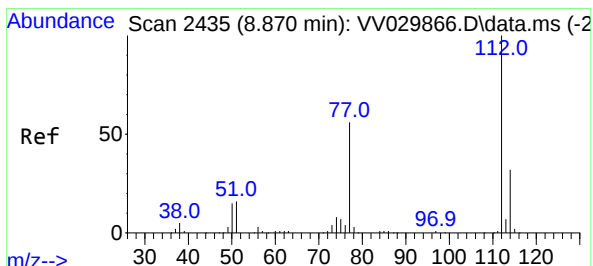
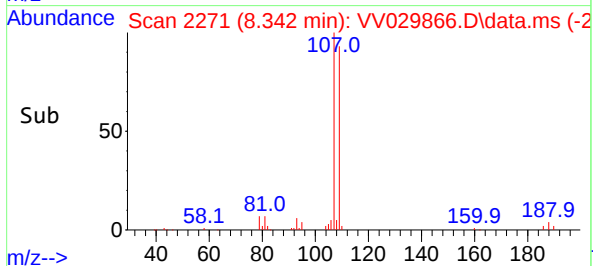
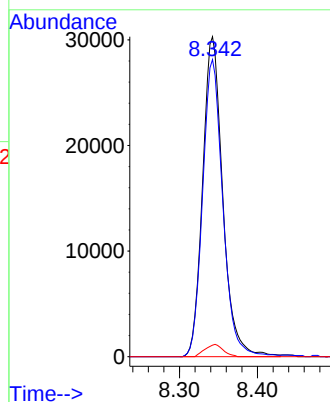
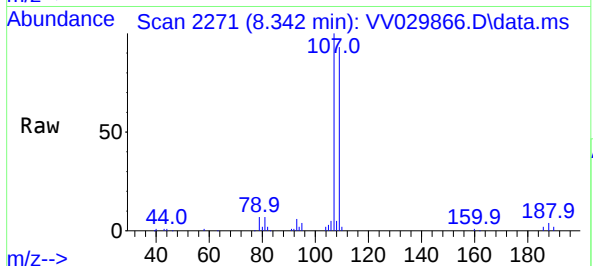


#50
1,2-Dibromoethane
Concen: 5.551 ug/L
RT: 8.342 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD005386

Tgt Ion:107 Resp: 54227

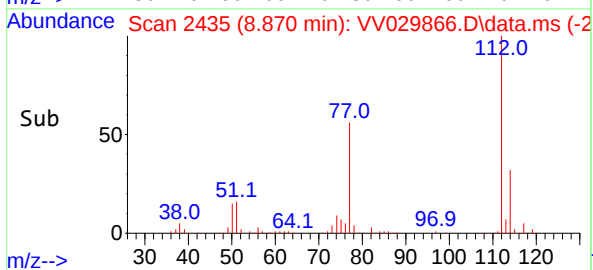
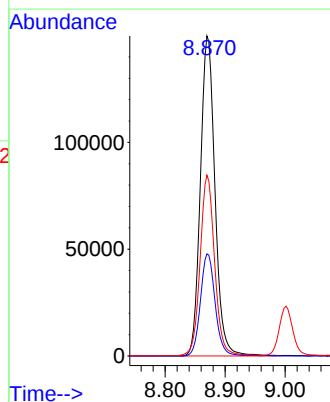
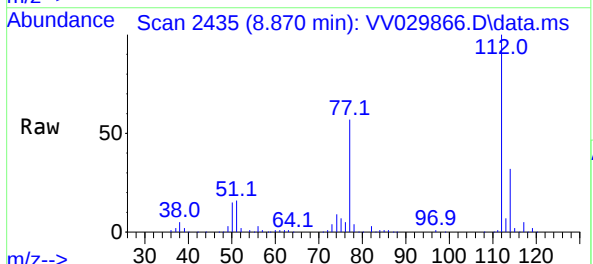
Ion	Ratio	Lower	Upper
107	100		
109	92.8	66.1	122.7
188	3.6	2.9	4.3

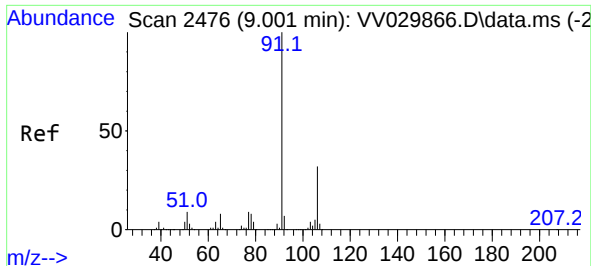


#51
Chlorobenzene
Concen: 5.568 ug/L
RT: 8.870 min Scan# 2435
Delta R.T. -0.003 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

Tgt Ion:112 Resp: 254341

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.5	41.9
77	56.5	46.1	69.1

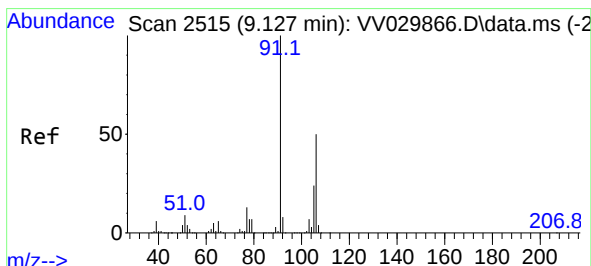
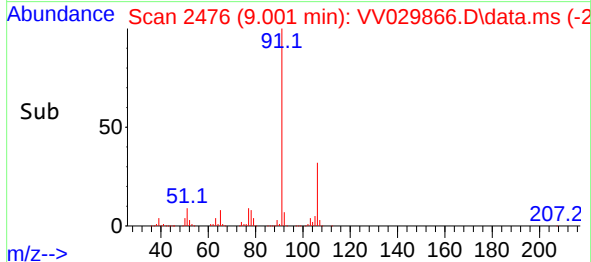
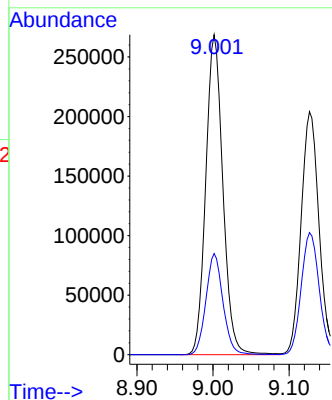
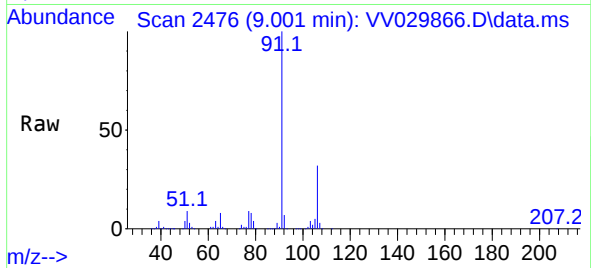




#52
Ethylbenzene
Concen: 5.576 ug/L
RT: 9.001 min Scan# 2476
Delta R.T. -0.000 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

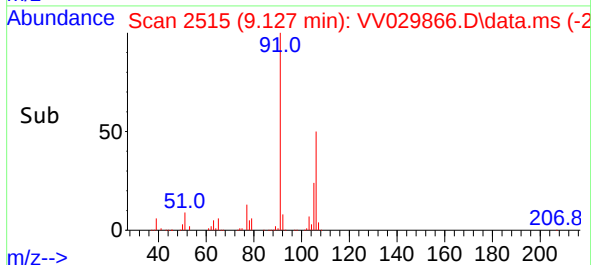
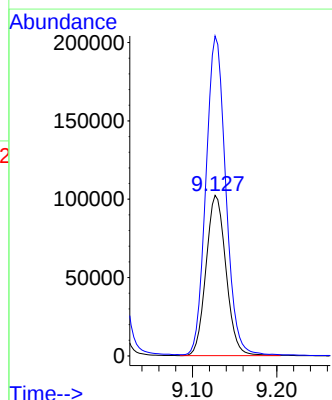
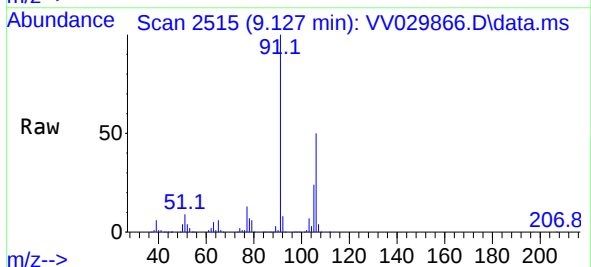
Instrument :
MSVOA_V
ClientSampleId :
VSTD005386

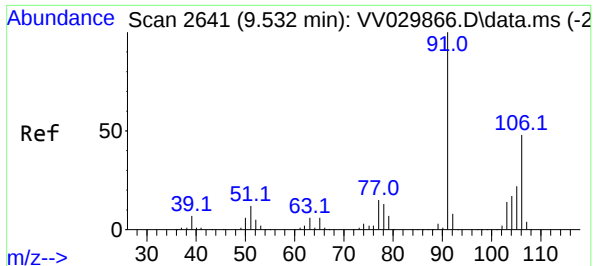
Tgt Ion: 91 Resp: 419834
Ion Ratio Lower Upper
91 100
106 31.6 21.9 40.7



#53
m,p-Xylene
Concen: 5.663 ug/L
RT: 9.127 min Scan# 2515
Delta R.T. -0.003 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

Tgt Ion: 106 Resp: 168770
Ion Ratio Lower Upper
106 100
91 199.2 138.7 257.7

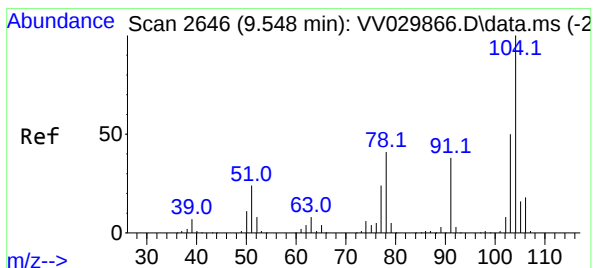
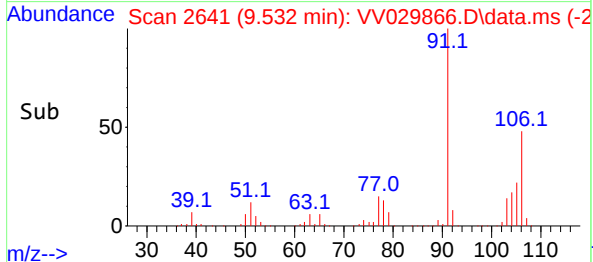
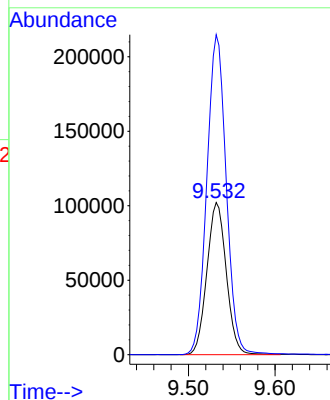
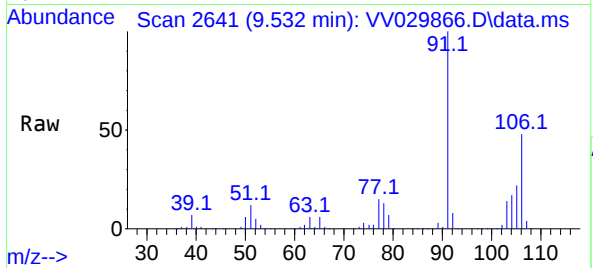




#54
o-Xylene
Concen: 5.620 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. -0.000 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

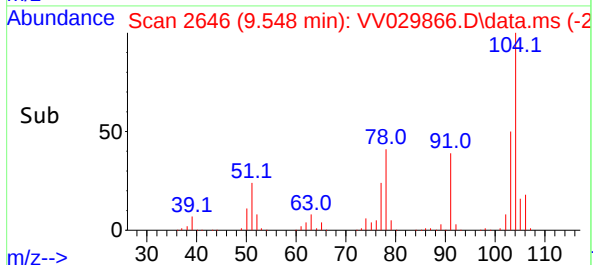
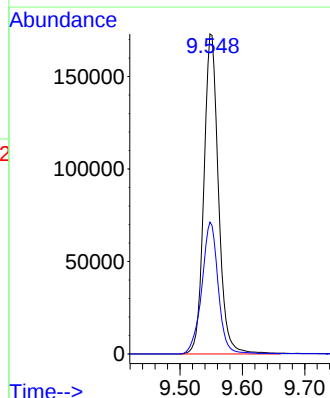
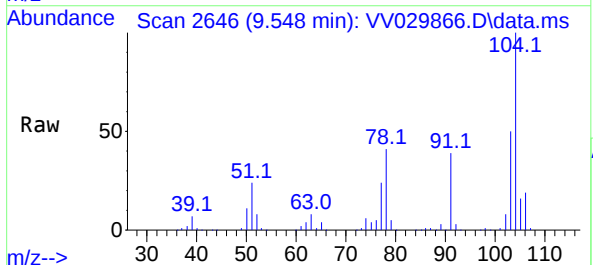
Instrument :
MSVOA_V
ClientSampleId :
VSTD005386

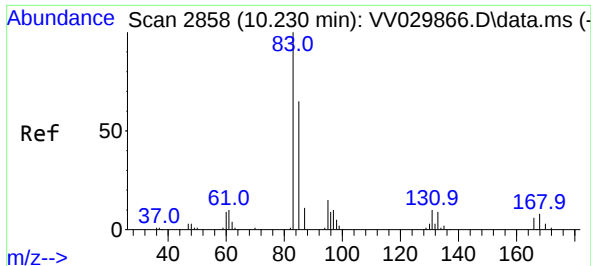
Tgt Ion:106 Resp: 158965
Ion Ratio Lower Upper
106 100
91 210.3 147.7 274.3



#55
Styrene
Concen: 5.794 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.003 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

Tgt Ion:104 Resp: 281862
Ion Ratio Lower Upper
104 100
78 41.2 28.6 53.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.547 ug/L

RT: 10.230 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VV029866.D

Acq: 16 Jan 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005386

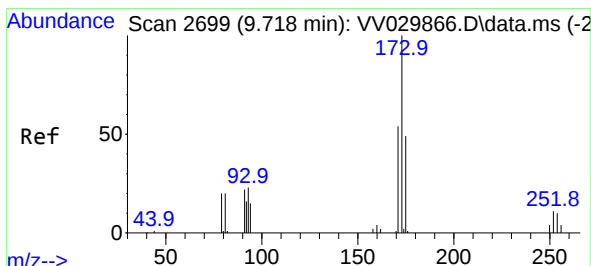
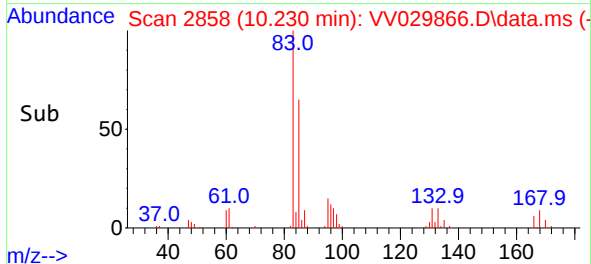
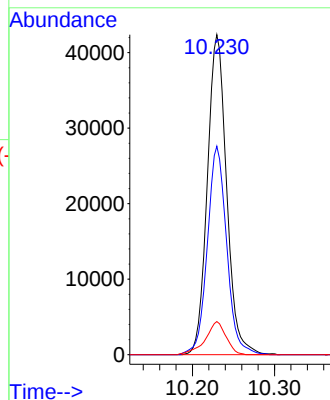
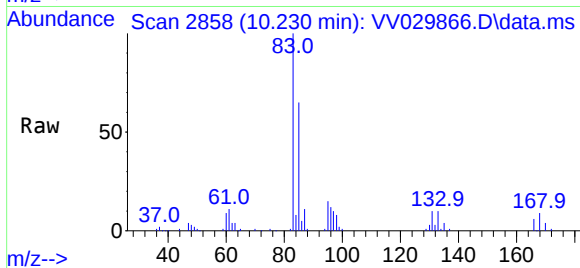
Tgt Ion: 83 Resp: 69341

Ion Ratio Lower Upper

83 100

85 65.1 46.0 85.4

131 10.3 8.4 12.6



#59

Bromoform

Concen: 4.807 ug/L

RT: 9.718 min Scan# 2699

Delta R.T. -0.000 min

Lab File: VV029866.D

Acq: 16 Jan 2023 10:03

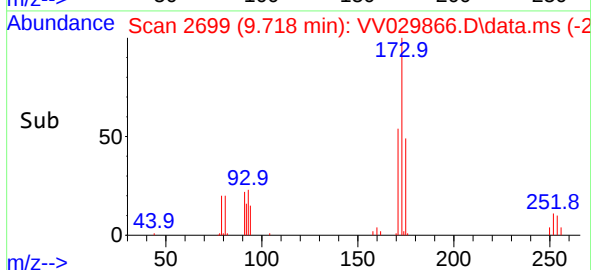
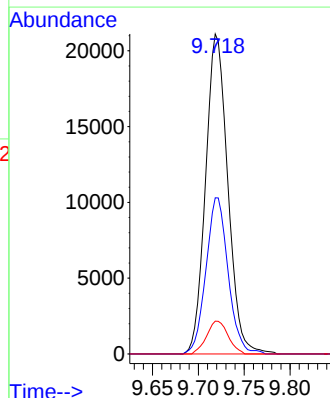
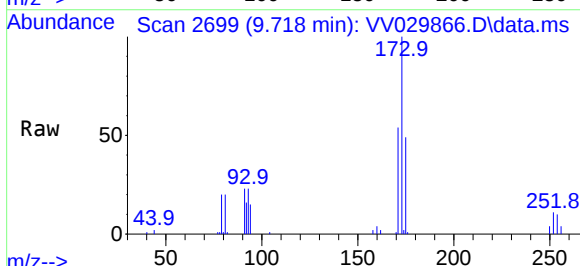
Tgt Ion: 173 Resp: 35618

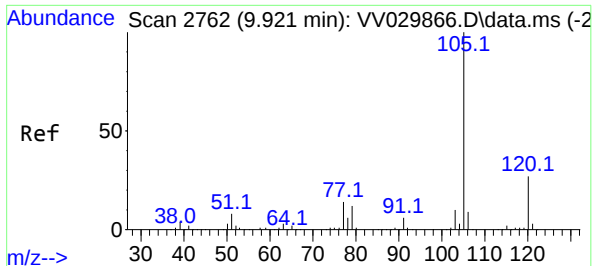
Ion Ratio Lower Upper

173 100

175 48.7 38.6 57.8

254 9.9 7.9 11.9

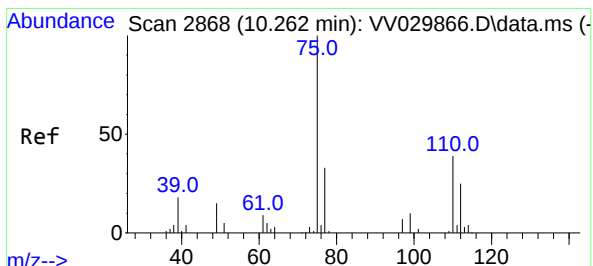
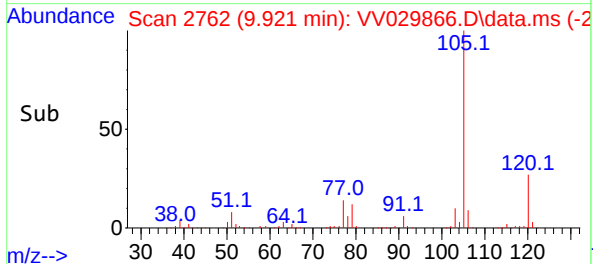
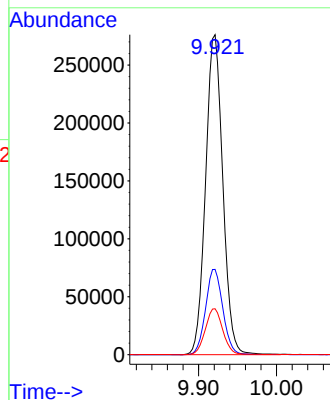
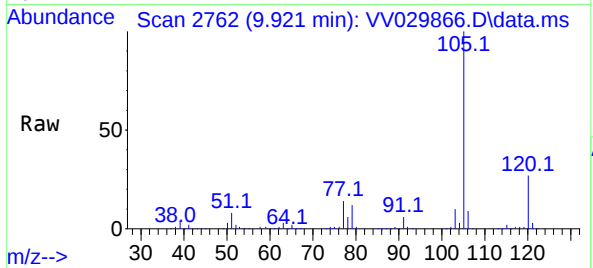




#60
Isopropylbenzene
Concen: 5.796 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

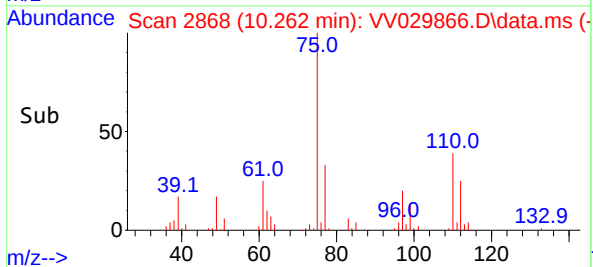
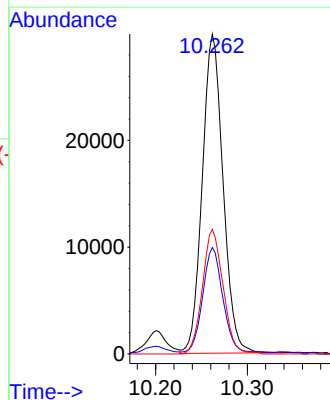
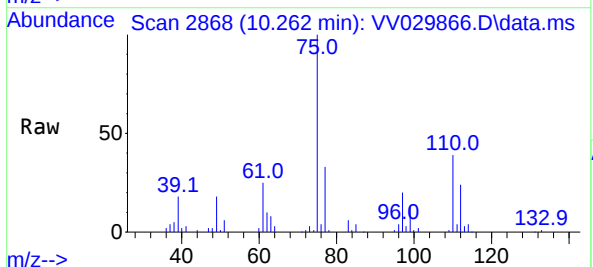
Instrument :
MSVOA_V
ClientSampleId :
VSTD005386

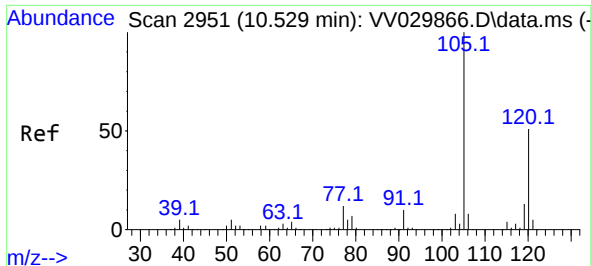
Tgt Ion:105 Resp: 423806
Ion Ratio Lower Upper
105 100
120 26.7 21.2 31.8
77 14.7 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.560 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. -0.000 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

Tgt Ion: 75 Resp: 47098
Ion Ratio Lower Upper
75 100
77 31.6 26.5 39.7
110 38.7 31.8 47.8

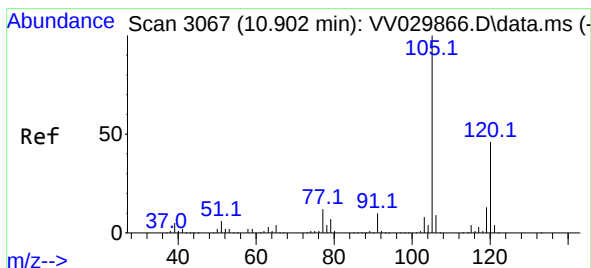
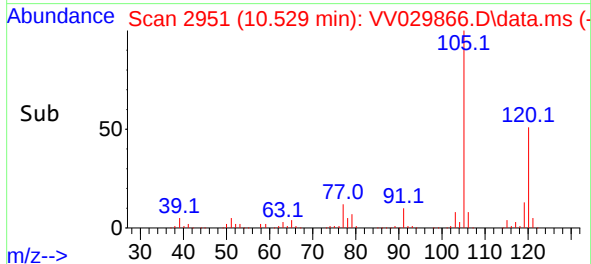
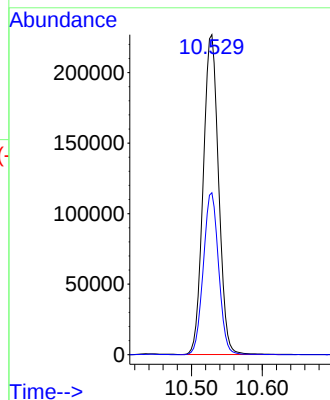
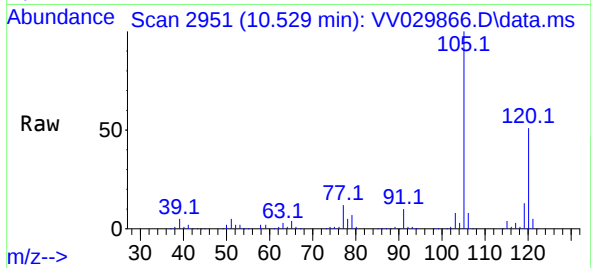




#62
1,3,5-Trimethylbenzene
Concen: 5.456 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

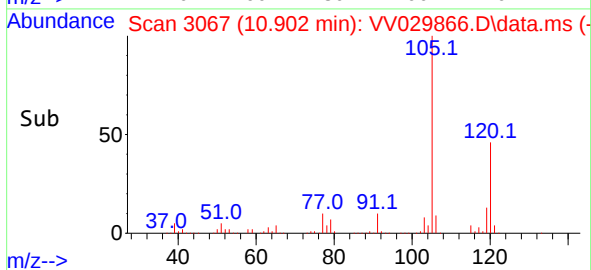
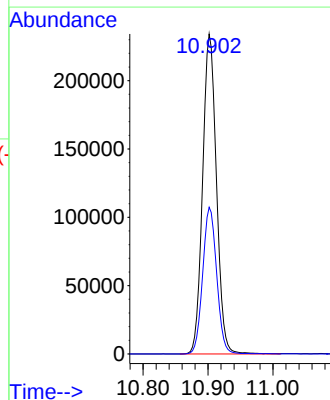
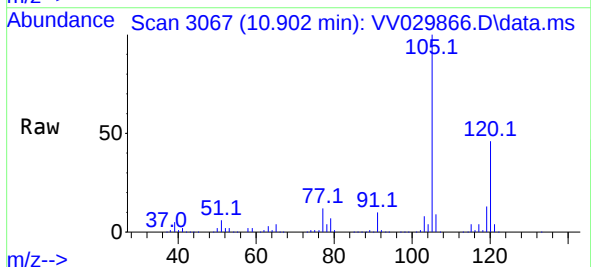
Instrument :
MSVOA_V
ClientSampleId :
VSTD005386

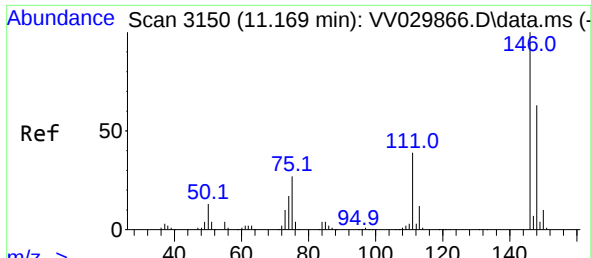
Tgt Ion:105 Resp: 341898
Ion Ratio Lower Upper
105 100
120 50.4 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 5.565 ug/L
RT: 10.902 min Scan# 3067
Delta R.T. -0.000 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

Tgt Ion:105 Resp: 347745
Ion Ratio Lower Upper
105 100
120 46.3 37.4 56.0

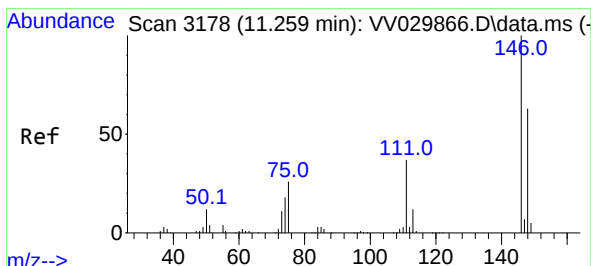
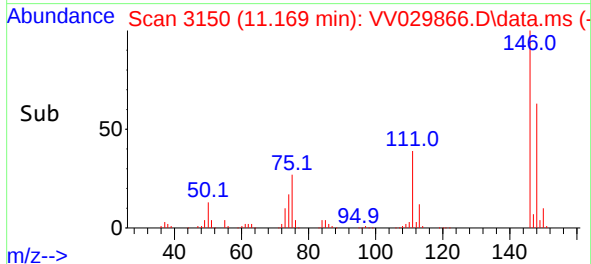
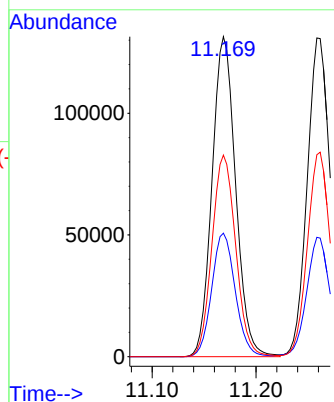
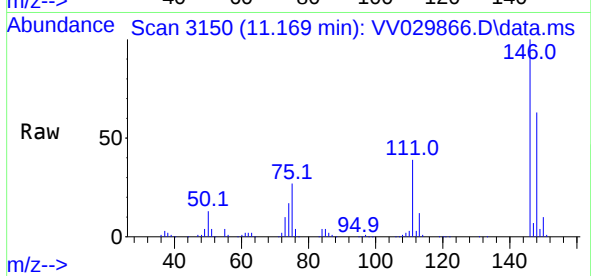




#64
1,3-Dichlorobenzene
Concen: 5.576 ug/L
RT: 11.169 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

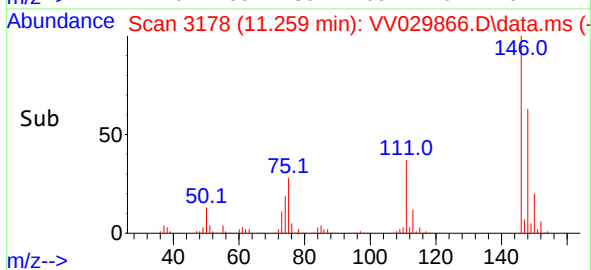
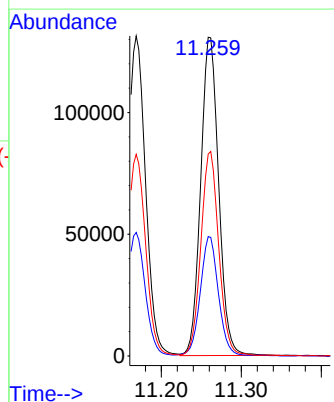
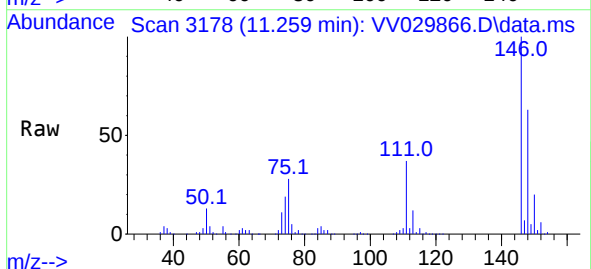
Instrument :
MSVOA_V
ClientSampleId :
VSTD005386

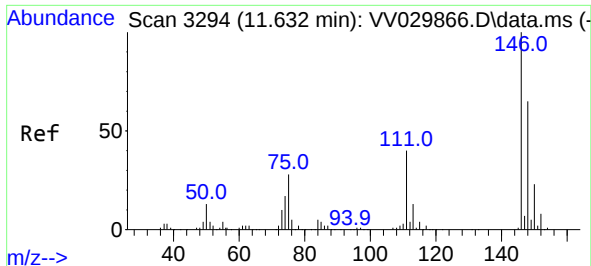
Tgt Ion:146 Resp: 207041
Ion Ratio Lower Upper
146 100
111 38.6 27.2 50.6
148 63.0 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.531 ug/L
RT: 11.259 min Scan# 3178
Delta R.T. -0.003 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

Tgt Ion:146 Resp: 204739
Ion Ratio Lower Upper
146 100
111 37.5 26.5 49.1
148 63.3 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 5.479 ug/L

RT: 11.632 min Scan# 3294

Delta R.T. -0.000 min

Lab File: VV029866.D

Acq: 16 Jan 2023 10:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005386

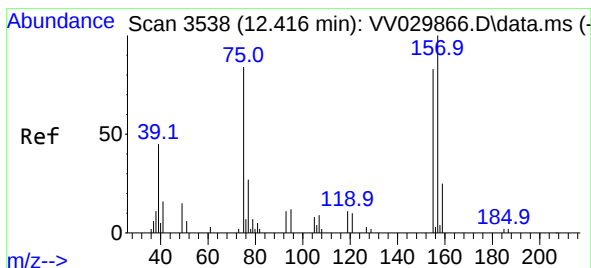
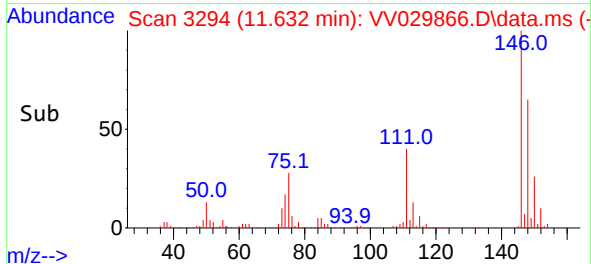
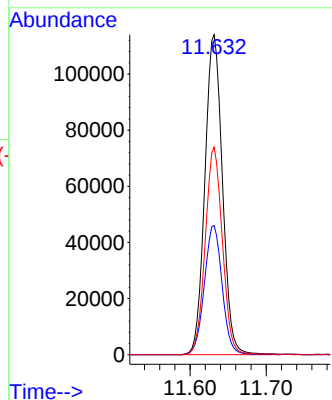
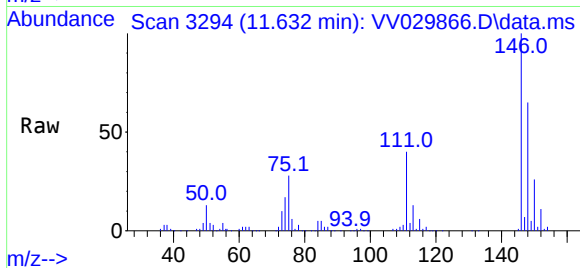
Tgt Ion:146 Resp: 182899

Ion Ratio Lower Upper

146 100

111 40.4 31.8 47.8

148 64.9 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.689 ug/L

RT: 12.416 min Scan# 3538

Delta R.T. -0.000 min

Lab File: VV029866.D

Acq: 16 Jan 2023 10:03

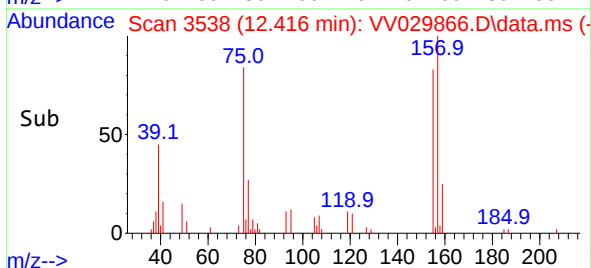
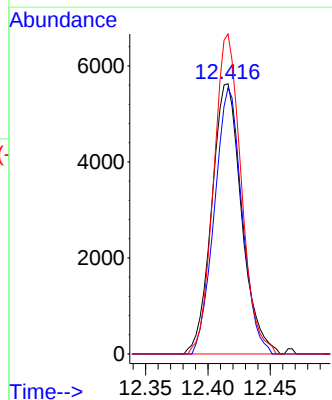
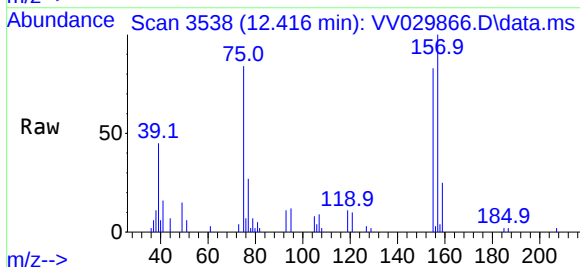
Tgt Ion: 75 Resp: 9393

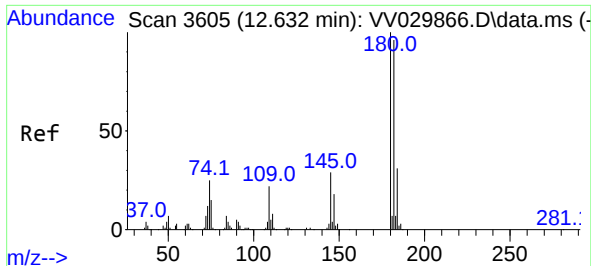
Ion Ratio Lower Upper

75 100

155 98.4 75.5 113.3

157 118.4 99.2 148.8



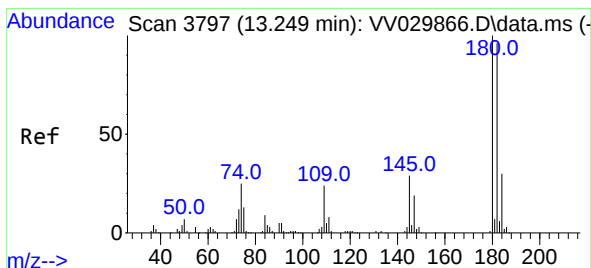
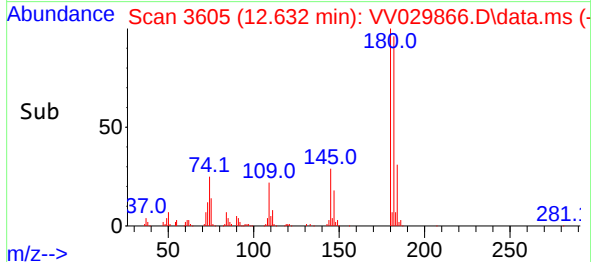
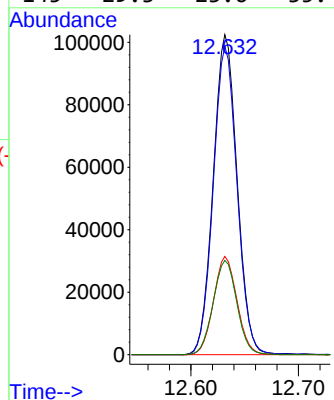
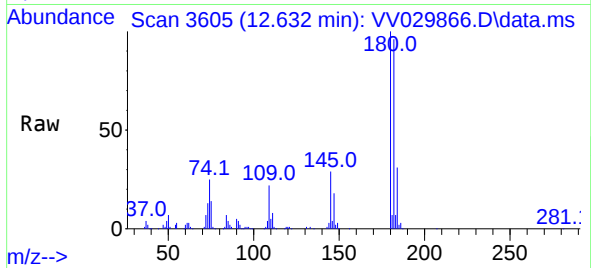


#69
1,3,5-Trichlorobenzene
Concen: 5.284 ug/L
RT: 12.632 min Scan# 3605
Delta R.T. -0.000 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD005386

Tgt Ion:180 Resp: 157928

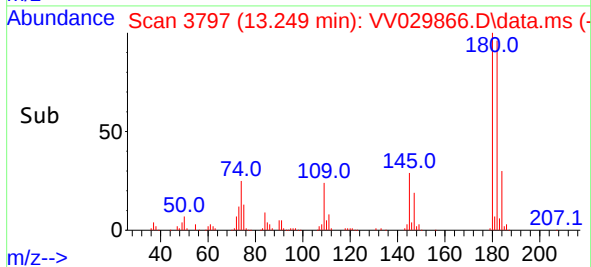
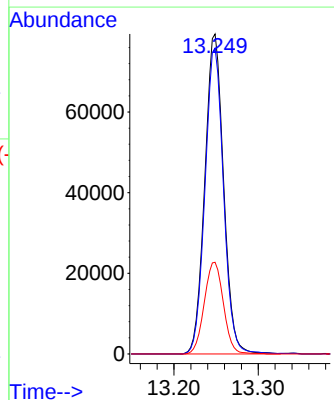
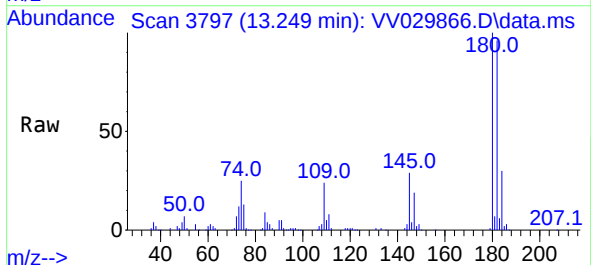
Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.4	113.2
184	30.2	23.9	35.9
145	29.3	23.6	35.4

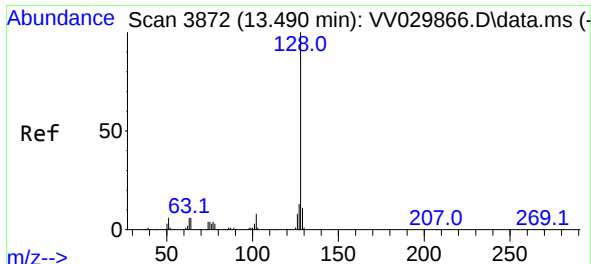


#70
1,2,4-trichlorobenzene
Concen: 5.280 ug/L
RT: 13.249 min Scan# 3797
Delta R.T. 0.003 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

Tgt Ion:180 Resp: 123323

Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.8	113.8
145	29.2	23.7	35.5

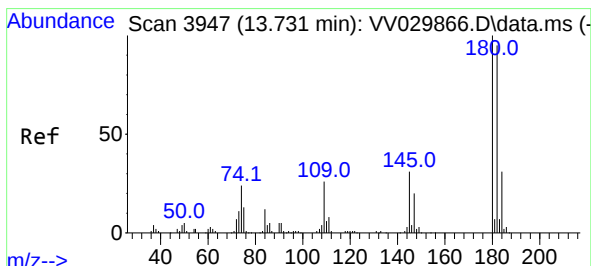
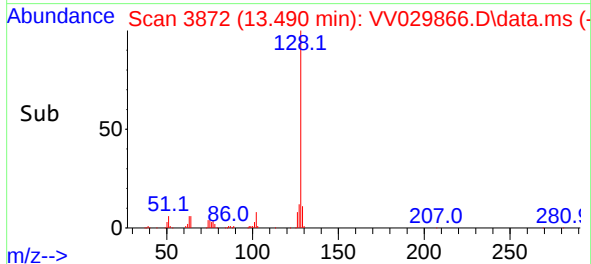
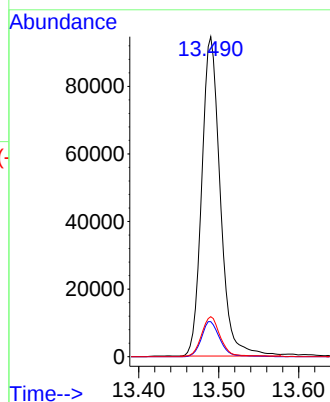
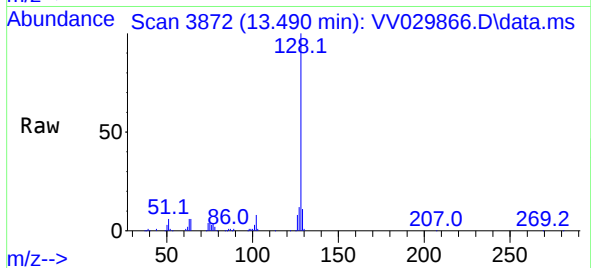




#71
Naphthalene
Concen: 5.044 ug/L
RT: 13.490 min Scan# 3872
Delta R.T. -0.000 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD005386

Tgt Ion:128 Resp: 152638
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 12.8 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.220 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. 0.003 min
Lab File: VV029866.D
Acq: 16 Jan 2023 10:03

Tgt Ion:180 Resp: 101189
Ion Ratio Lower Upper
180 100
182 95.3 75.5 113.3
145 31.5 25.0 37.6

