

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072622\
 Data File : VW026970.D
 Acq On : 26 Jul 2022 22:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050310

Quant Time: Jul 27 01:46:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 27 01:39:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	512718	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	510915	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	284333	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	175152	40.731	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.460%
7) Chloroethane-d5	1.564	69	154266	44.344	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.680%
11) 1,1-Dichloroethene-d2	2.105	63	341970	44.203	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.400%
21) 2-Butanone-d5	3.883	46	316462	109.180	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.180%
24) Chloroform-d	4.342	84	405784	47.948	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.900%
26) 1,2-Dichloroethane-d4	5.027	65	231328	47.785	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.580%
32) Benzene-d6	5.043	84	777502	50.344	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.680%
36) 1,2-Dichloropropane-d6	6.066	67	247651	49.759	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.520%
41) Toluene-d8	7.313	98	698207	51.670	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.340%
43) trans-1,3-Dichloroprop...	7.619	79	106735	51.182	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.360%
47) 2-Hexanone-d5	8.088	63	231797	106.964	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.960%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	395176	52.267	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.540%
66) 1,2-Dichlorobenzene-d4	11.622	152	277272	51.979	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	238713	45.068	ug/L	100
3) Chloromethane	1.240	50	232154	46.869	ug/L	99
5) Vinyl chloride	1.307	62	254734	48.379	ug/L	100
6) Bromomethane	1.519	94	163975	51.539	ug/L	100
8) Chloroethane	1.581	64	153930	49.751	ug/L	99
9) Trichlorofluoromethane	1.748	101	356107	49.073	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	209669	49.402	ug/L	100
12) 1,1-Dichloroethene	2.114	96	197934	49.929	ug/L	89
13) Acetone	2.175	43	249804	122.741	ug/L	97
14) Carbon disulfide	2.288	76	536347	47.419	ug/L	99
15) Methyl Acetate	2.429	43	241993	53.908	ug/L	99
16) Methylene chloride	2.500	84	272333	53.892	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	214789	51.276	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	660824	56.790	ug/L	100
19) 1,1-Dichloroethane	3.185	63	406651	52.712	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	240888	54.567	ug/L	98
22) 2-Butanone	3.966	43	346444	124.810	ug/L	99
23) Bromochloromethane	4.243	128	132977	52.605	ug/L	98
25) Chloroform	4.371	83	429687	52.223	ug/L	99

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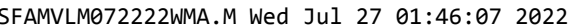
Instrument :
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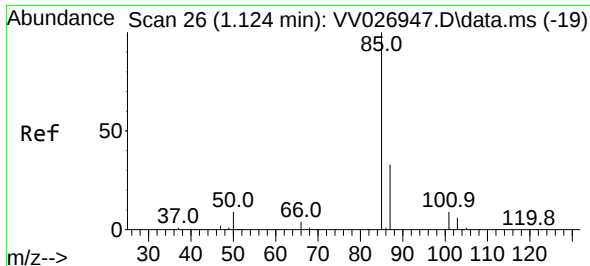
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	302136	52.038	ug/L	99
29) Cyclohexane	4.674	56	298711	55.910	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	369818	54.785	ug/L	99
31) Carbon tetrachloride	4.825	117	312919	52.944	ug/L	100
33) Benzene	5.095	78	924635	56.275	ug/L	100
34) Trichloroethene	5.912	95	226476	53.639	ug/L	97
35) Methylcyclohexane	6.130	83	334858	53.564	ug/L	99
37) 1,2-Dichloropropane	6.169	63	242139	56.623	ug/L	99
38) Bromodichloromethane	6.506	83	314042	54.180	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	320471	53.998	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	620865	122.000	ug/L	99
42) Toluene	7.384	91	972449	57.985	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	319070	54.517	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	252906	55.535	ug/L	99
46) Tetrachloroethene	7.973	164	175094	53.162	ug/L	99
48) 2-Hexanone	8.137	43	504262	127.314	ug/L	98
49) Dibromochloromethane	8.243	129	260287	54.684	ug/L	98
50) 1,2-Dibromoethane	8.349	107	257022	55.164	ug/L	98
51) Chlorobenzene	8.879	112	632146	54.076	ug/L	99
52) Ethylbenzene	9.011	91	995268	57.173	ug/L	100
53) m,p-Xylene	9.136	106	393172	57.682	ug/L	100
54) o-Xylene	9.542	106	388503	59.181	ug/L	99
55) Styrene	9.558	104	699928	60.371	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	410210	55.802	ug/L	99
59) Bromoform	9.728	173	178041	56.047	ug/L	100
60) Isopropylbenzene	9.931	105	1005037	59.813	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	322287	56.487	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	817427	59.857	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	825651	60.276	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	481524	56.088	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	493517	54.251	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	495144	56.213	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	83617	54.855	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	320784	52.780	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	269232	52.575	ug/L	100
71) Naphthalene	13.500	128	946057	58.749	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	305642	57.218	ug/L	99

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

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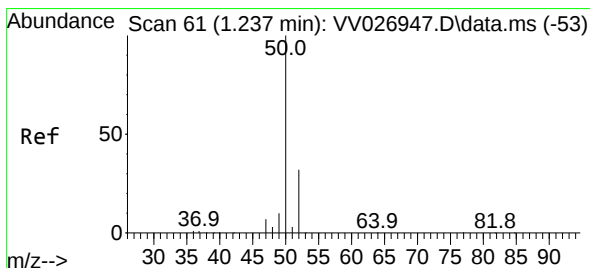
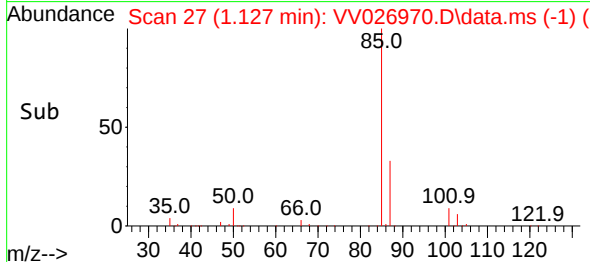
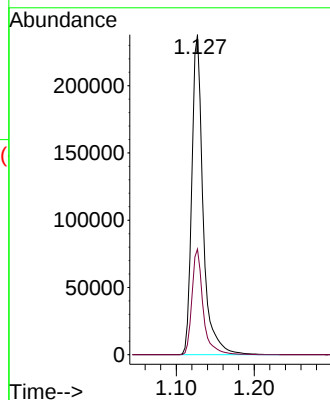
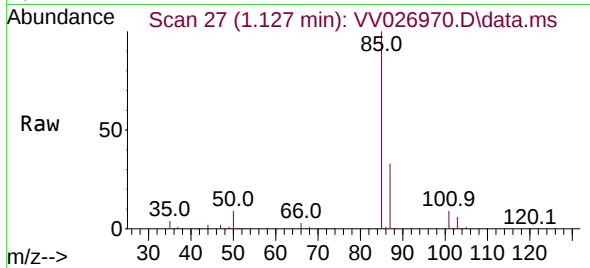




#2
 Dichlorodifluoromethane
 Concen: 45.068 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026970.D
 Acq: 26 Jul 2022 22:52

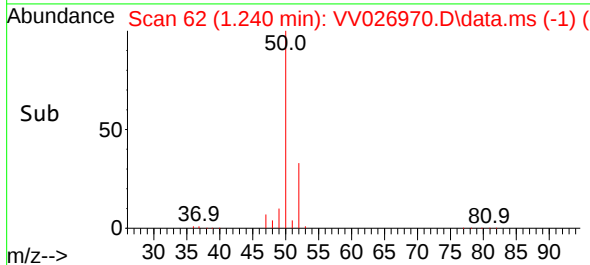
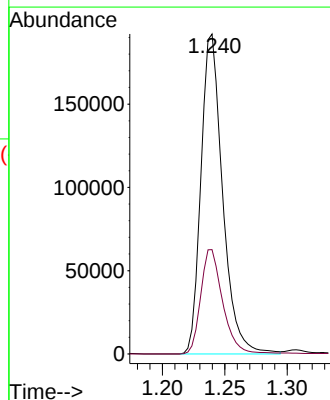
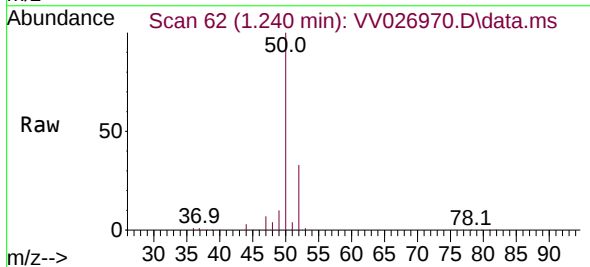
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050310

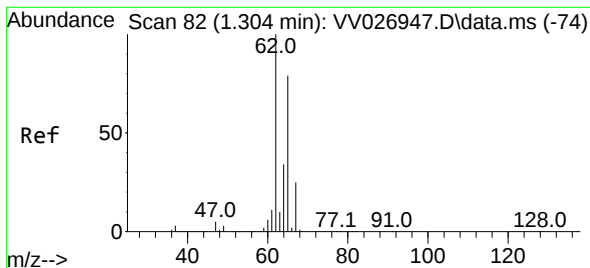
Tgt Ion: 85 Resp: 238713
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.1 39.1



#3
 Chloromethane
 Concen: 46.869 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV026970.D
 Acq: 26 Jul 2022 22:52

Tgt Ion: 50 Resp: 232154
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.1 42.9





#5

Vinyl chloride

Concen: 48.379 ug/L

RT: 1.307 min Scan# 81

Delta R.T. 0.003 min

Lab File: VV026970.D

Acq: 26 Jul 2022 22:52

Instrument :

MSVOA_V

ClientSampleId :

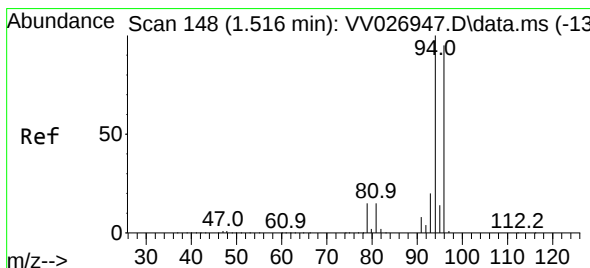
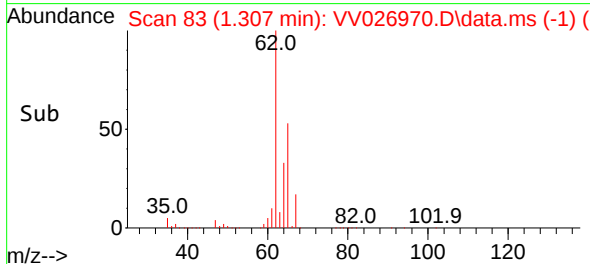
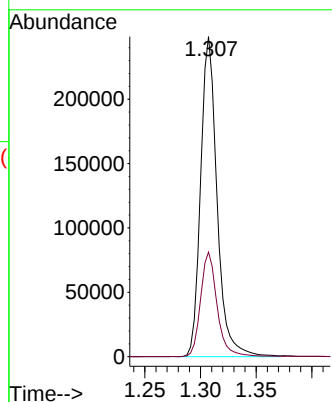
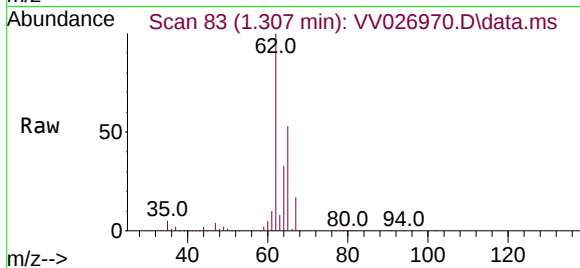
VSTD050310

Tgt Ion: 62 Resp: 254734

Ion Ratio Lower Upper

62 100

64 32.7 23.0 42.6



#6

Bromomethane

Concen: 51.539 ug/L

RT: 1.519 min Scan# 149

Delta R.T. 0.003 min

Lab File: VV026970.D

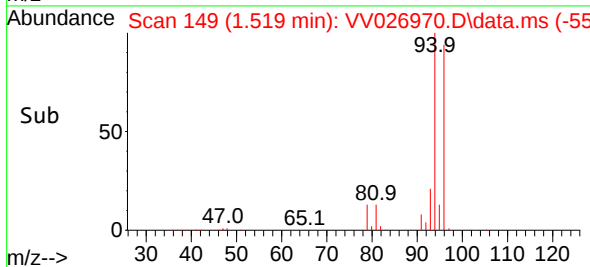
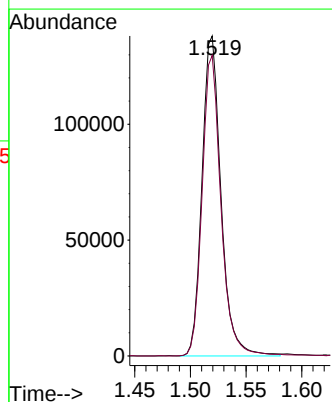
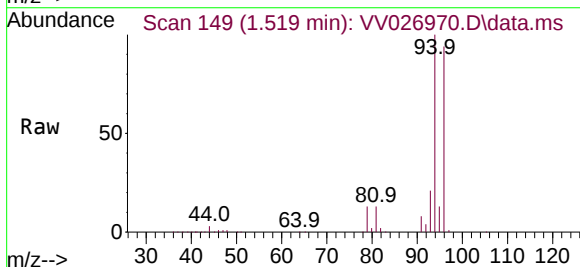
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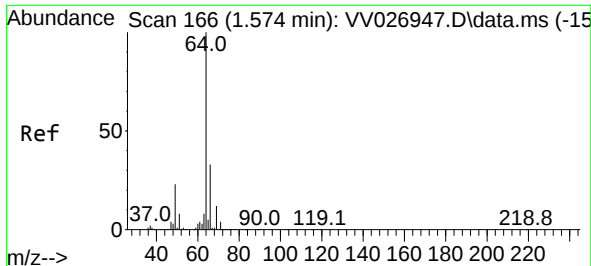
Tgt Ion: 94 Resp: 163975

Ion Ratio Lower Upper

94 100

96 93.9 65.8 122.2

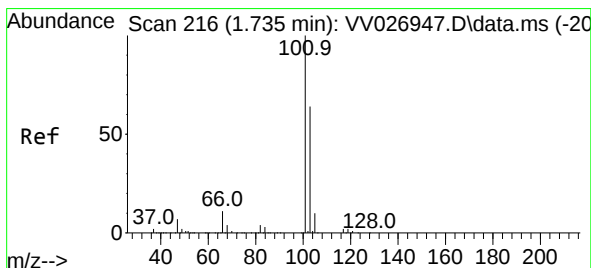
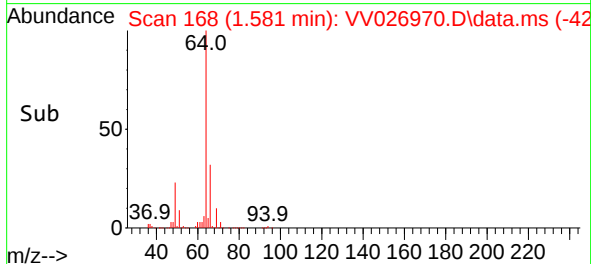
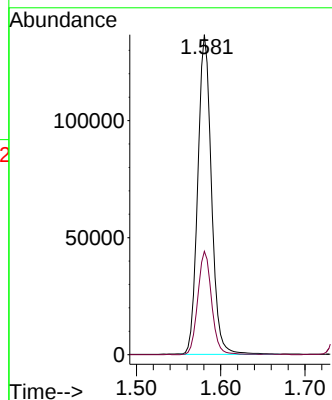
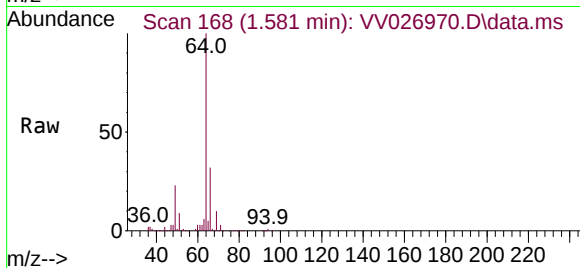




#8
Chloroethane
Concen: 49.751 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

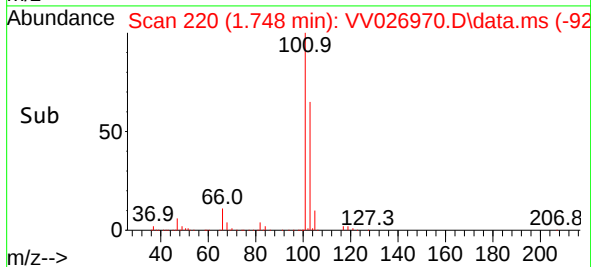
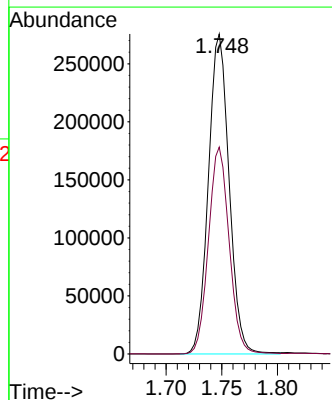
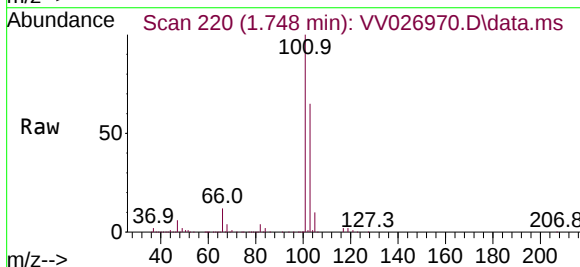
Instrument :
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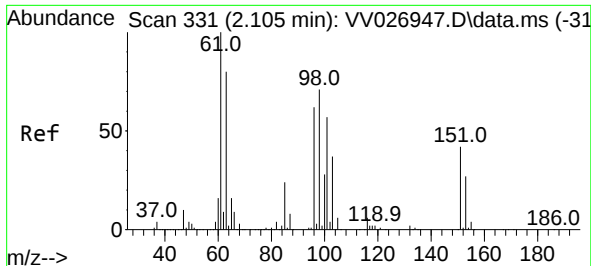
Tgt Ion: 64 Resp: 153930
Ion Ratio Lower Upper
64 100
66 32.3 23.2 43.0



#9
Trichlorofluoromethane
Concen: 49.073 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.013 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

Tgt Ion:101 Resp: 356107
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.8

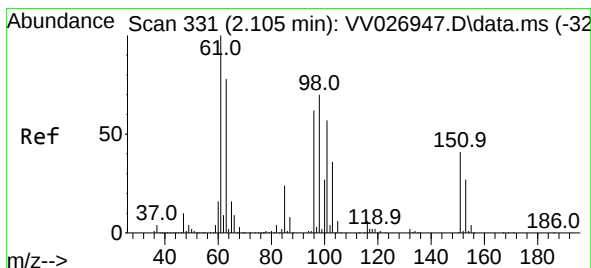
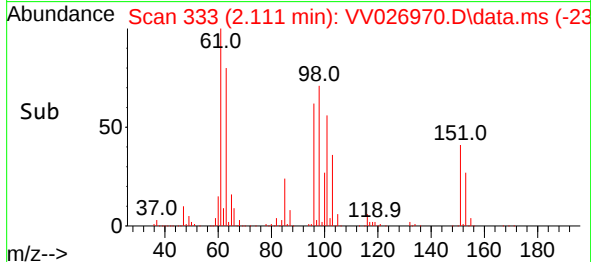
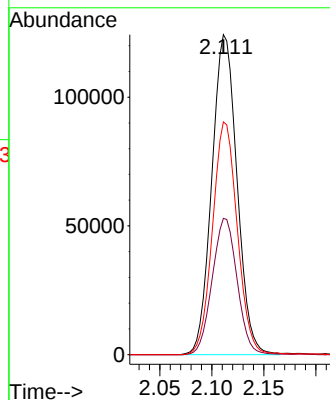
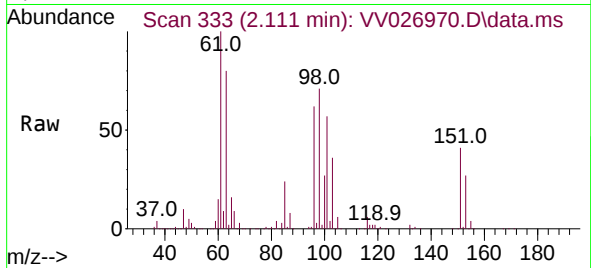




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.402 ug/L
 RT: 2.111 min Scan# 331
 Delta R.T. 0.006 min
 Lab File: VV026970.D
 Acq: 26 Jul 2022 22:52

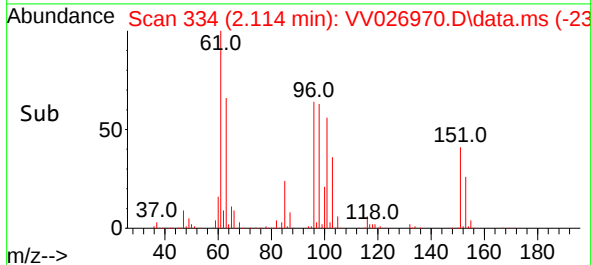
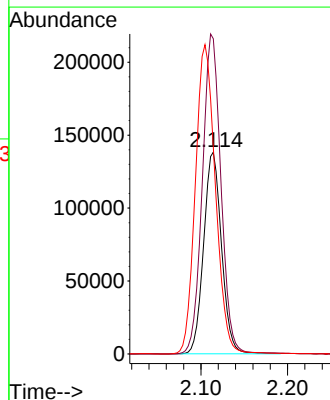
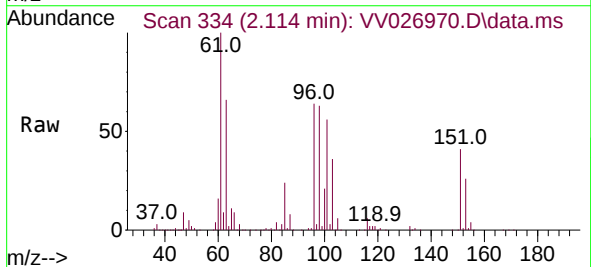
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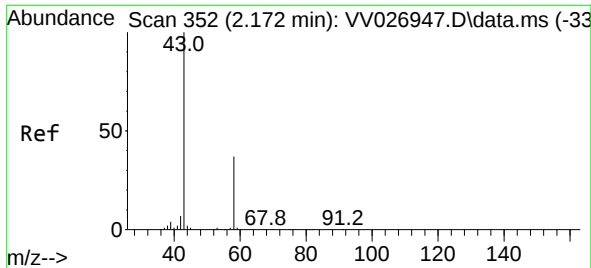
Tgt Ion:101 Resp: 209669
 Ion Ratio Lower Upper
 101 100
 85 42.1 33.1 49.7
 151 71.3 57.1 85.7



#12
 1,1-Dichloroethene
 Concen: 49.929 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.010 min
 Lab File: VV026970.D
 Acq: 26 Jul 2022 22:52

Tgt Ion: 96 Resp: 197934
 Ion Ratio Lower Upper
 96 100
 61 156.2 114.2 212.0
 63 102.5 87.0 161.6





#13

Acetone

Concen: 122.741 ug/L

RT: 2.175 min Scan# 352

Delta R.T. 0.003 min

Lab File: VV026970.D

Acq: 26 Jul 2022 22:52

Instrument :

MSVOA_V

ClientSampleId :

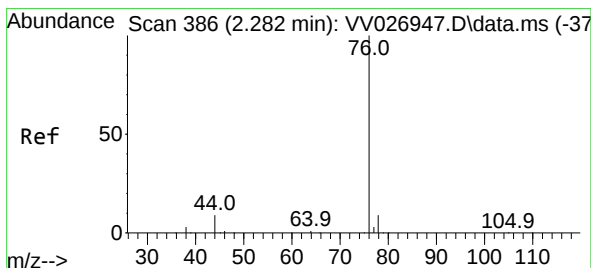
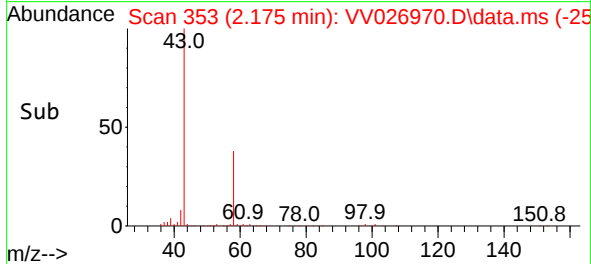
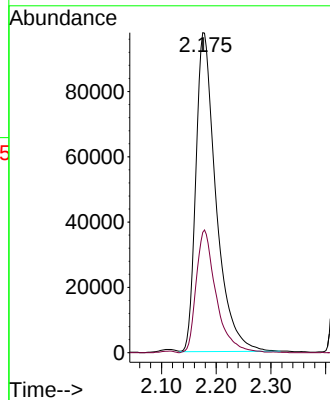
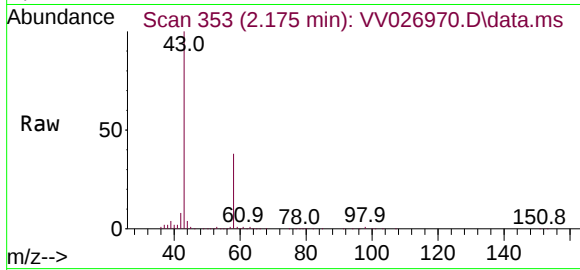
VSTD050310

Tgt Ion: 43 Resp: 249804

Ion Ratio Lower Upper

43 100

58 37.9 0.0 72.6



#14

Carbon disulfide

Concen: 47.419 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.006 min

Lab File: VV026970.D

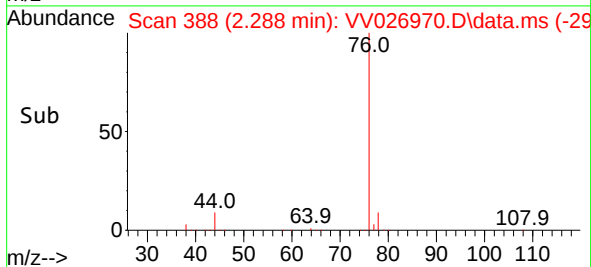
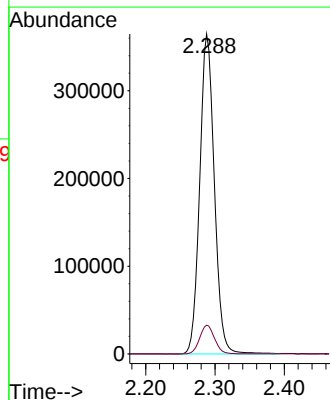
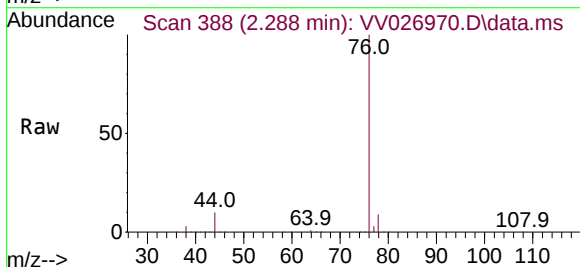
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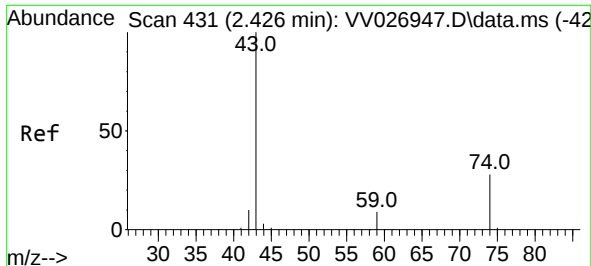
Tgt Ion: 76 Resp: 536347

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

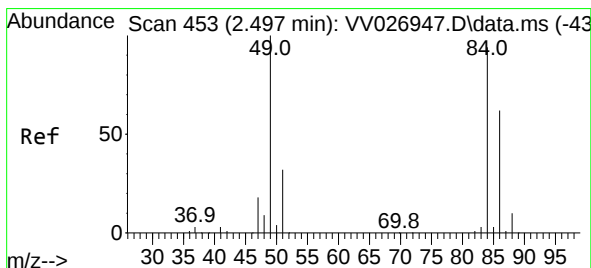
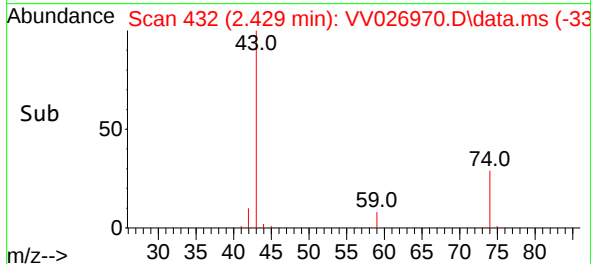
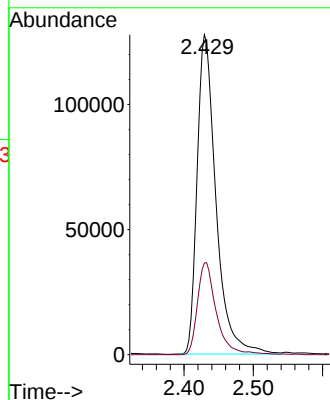
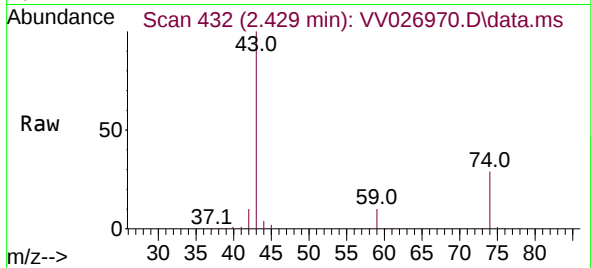




#15
Methyl Acetate
Concen: 53.908 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

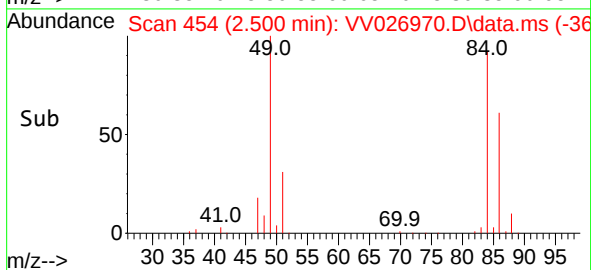
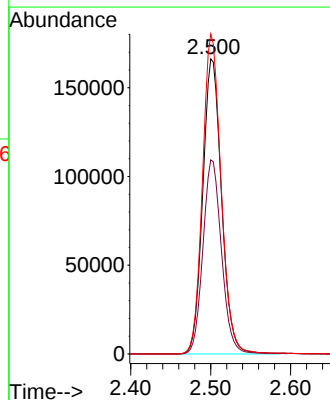
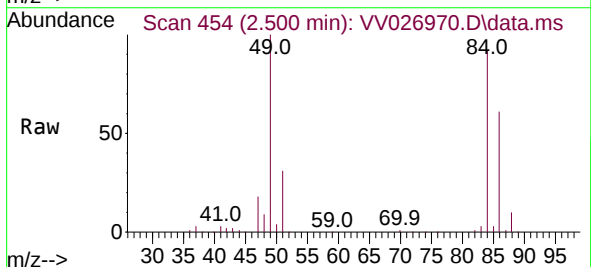
Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

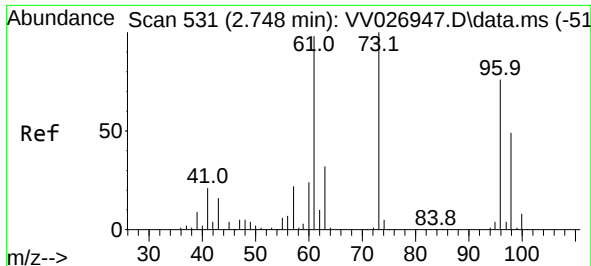
Tgt Ion: 43 Resp: 241993
Ion Ratio Lower Upper
43 100
74 28.1 22.1 33.1



#16
Methylene chloride
Concen: 53.892 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

Tgt Ion: 84 Resp: 272333
Ion Ratio Lower Upper
84 100
86 65.8 44.5 82.7
49 108.4 75.0 139.2





#17

trans-1,2-Dichloroethene

Concen: 51.276 ug/L

RT: 2.754 min Scan# 51

Delta R.T. 0.006 min

Lab File: VV026970.D

Acq: 26 Jul 2022 22:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD050310

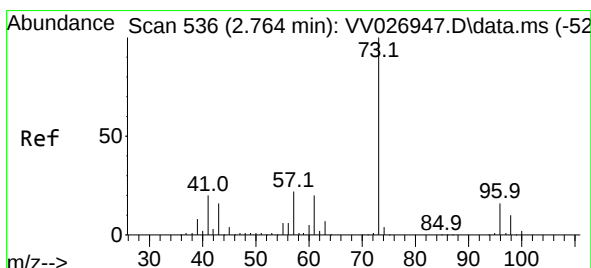
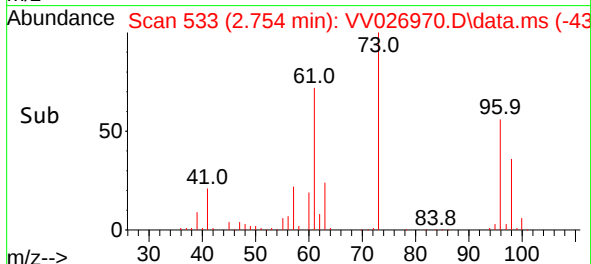
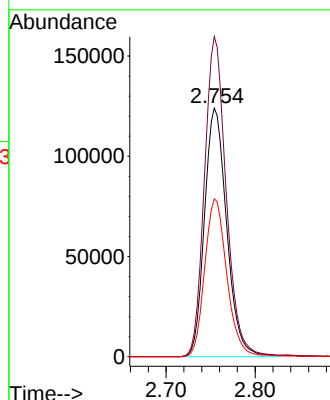
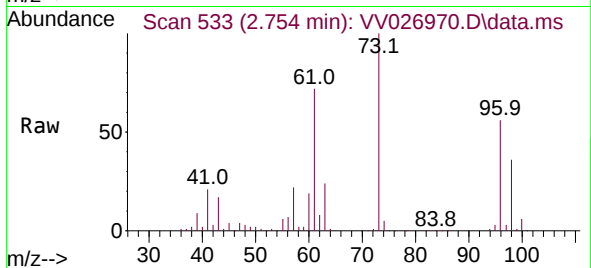
Tgt Ion: 96 Resp: 214789

Ion Ratio Lower Upper

96 100

61 128.7 89.2 165.6

98 63.4 44.7 82.9



#18

Methyl tert-butyl Ether

Concen: 56.790 ug/L

RT: 2.767 min Scan# 537

Delta R.T. 0.003 min

Lab File: VV026970.D

Acq: 26 Jul 2022 22:52

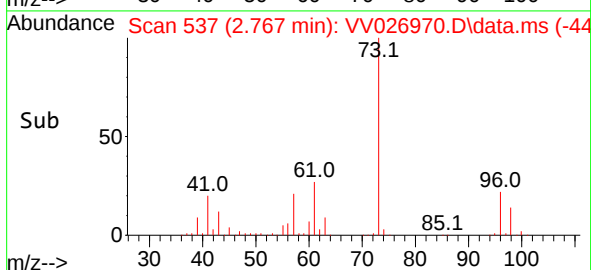
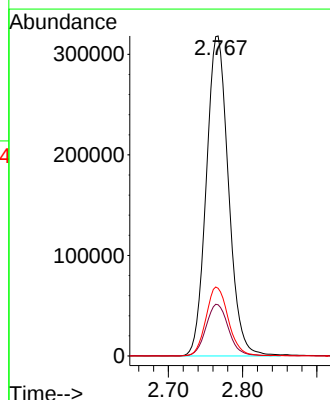
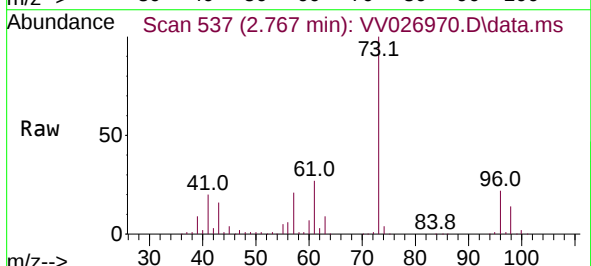
Tgt Ion: 73 Resp: 660824

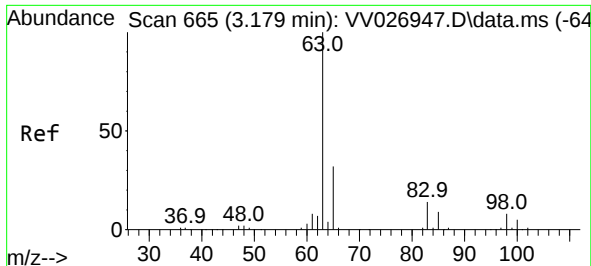
Ion Ratio Lower Upper

73 100

43 16.2 12.8 19.2

57 21.8 17.3 25.9





#19

1,1-Dichloroethane

Concen: 52.712 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV026970.D

Acq: 26 Jul 2022 22:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD050310

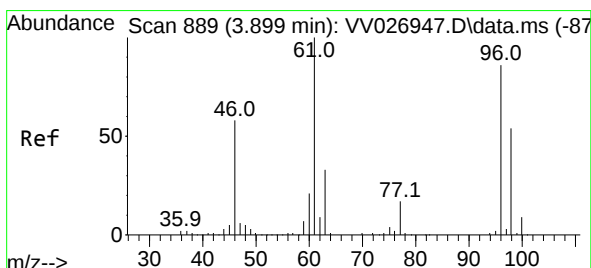
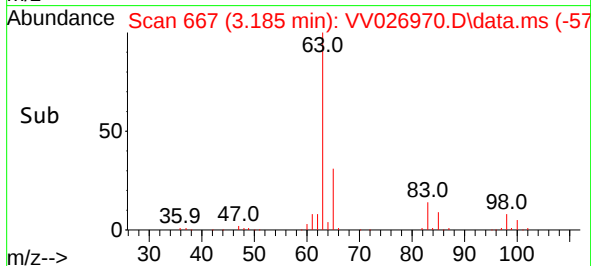
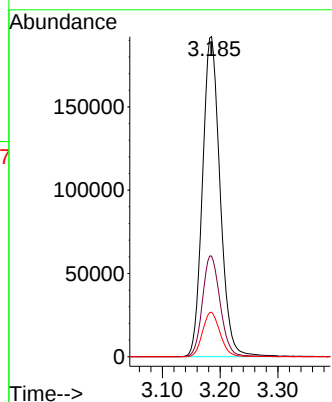
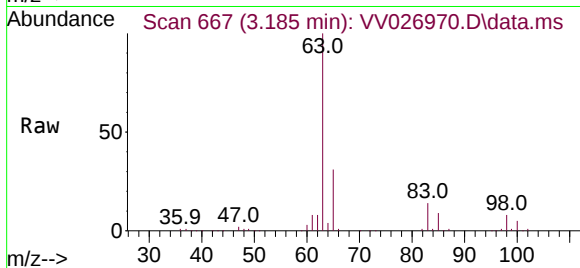
Tgt Ion: 63 Resp: 406651

Ion Ratio Lower Upper

63 100

65 31.5 22.6 42.0

83 13.9 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 54.567 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV026970.D

Acq: 26 Jul 2022 22:52

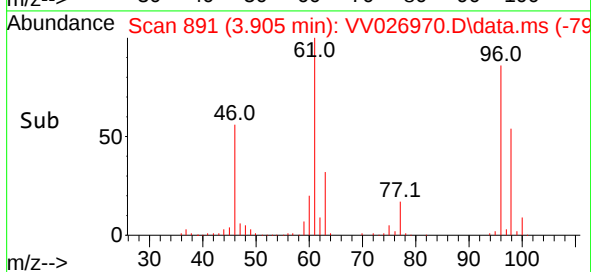
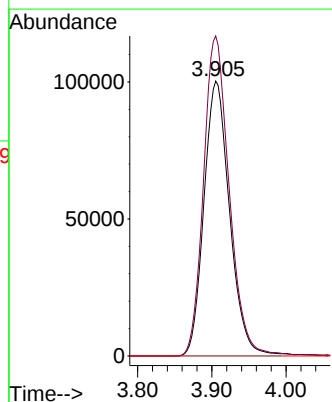
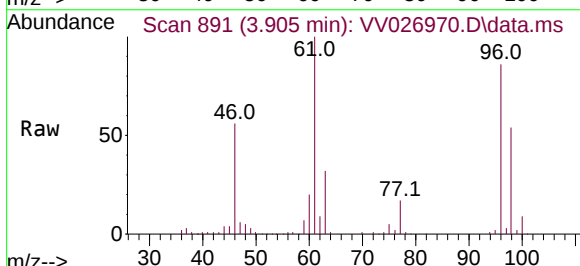
Tgt Ion: 96 Resp: 240888

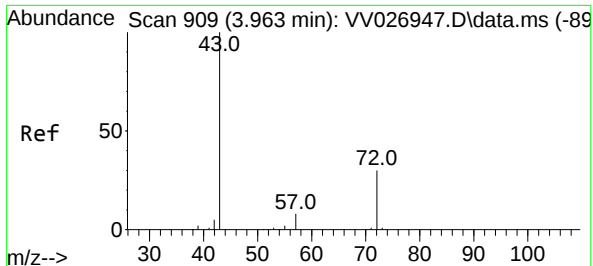
Ion Ratio Lower Upper

96 100

61 116.4 83.0 154.1

68 0.0 0.0 0.0

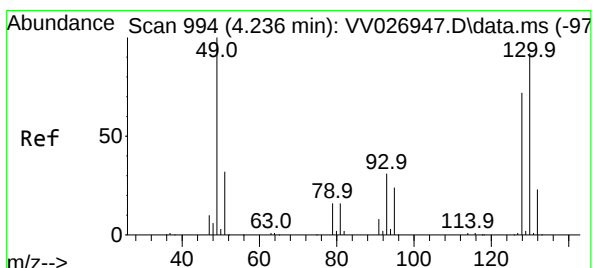
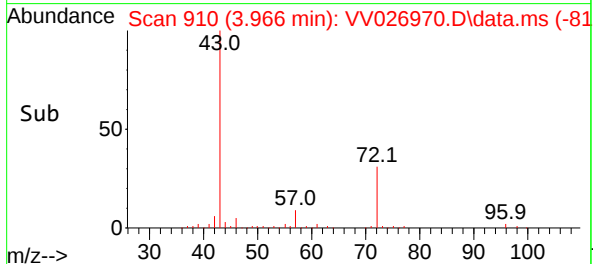
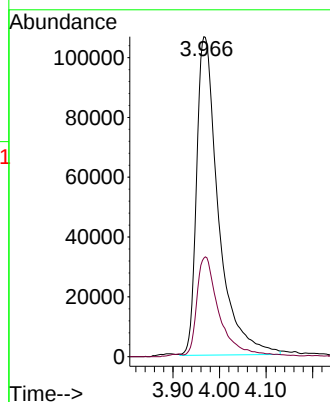
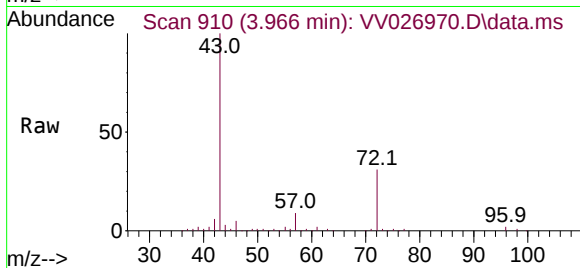




#22
2-Butanone
Concen: 124.810 ug/L
RT: 3.966 min Scan# 910
Delta R.T. 0.003 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

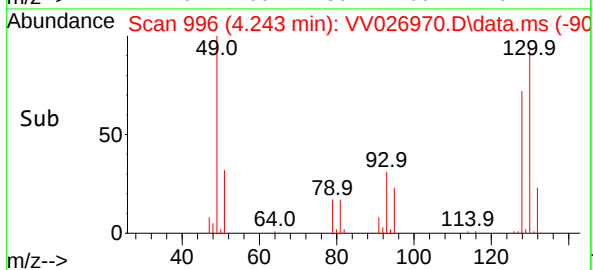
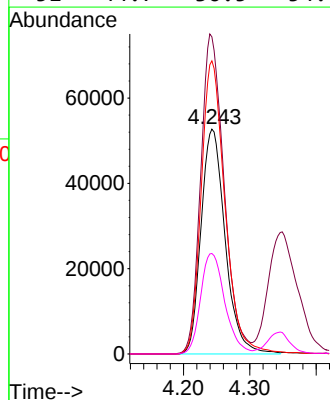
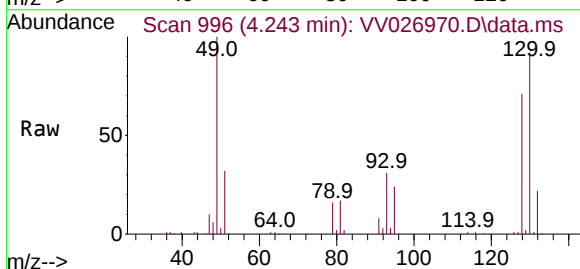
Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

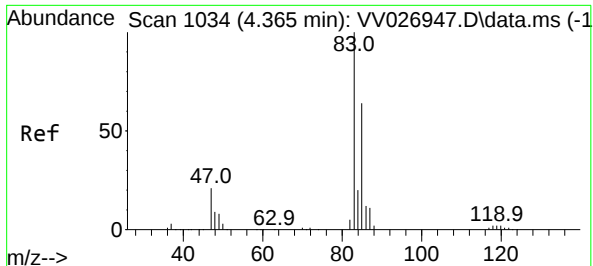
Tgt Ion: 43 Resp: 346444
Ion Ratio Lower Upper
43 100
72 29.4 14.9 44.5



#23
Bromochloromethane
Concen: 52.605 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.006 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

Tgt Ion:128 Resp: 132977
Ion Ratio Lower Upper
128 100
49 141.0 101.0 187.6
130 130.4 90.0 167.2
51 44.7 36.5 54.7





#25

Chloroform

Concen: 52.223 ug/L

RT: 4.371 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VV026970.D

Acq: 26 Jul 2022 22:52

Instrument :

MSVOA_V

ClientSampleId :

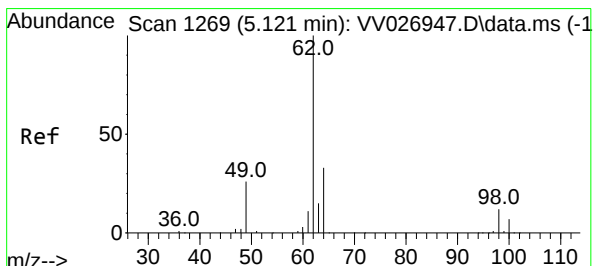
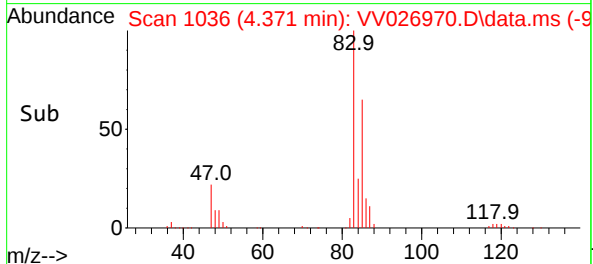
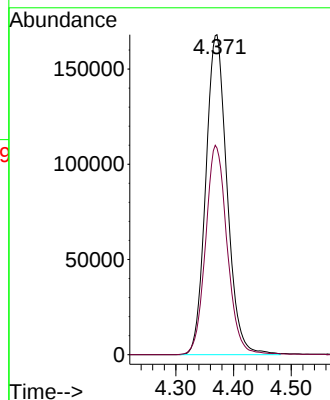
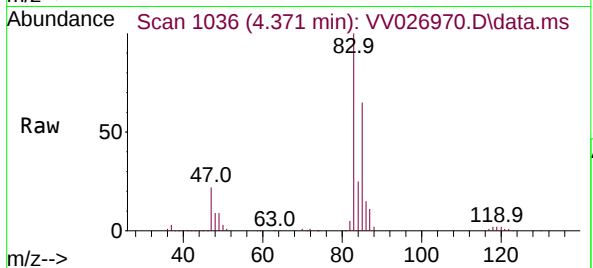
VSTD050310

Tgt Ion: 83 Resp: 429687

Ion Ratio Lower Upper

83 100

85 64.5 45.8 85.0



#27

1,2-Dichloroethane

Concen: 52.038 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.006 min

Lab File: VV026970.D

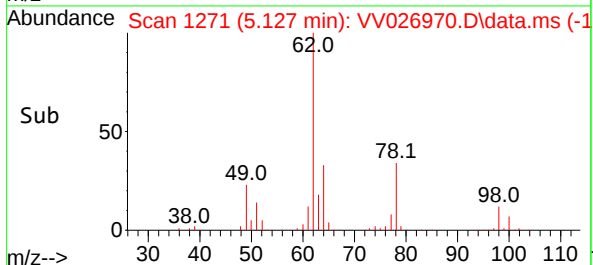
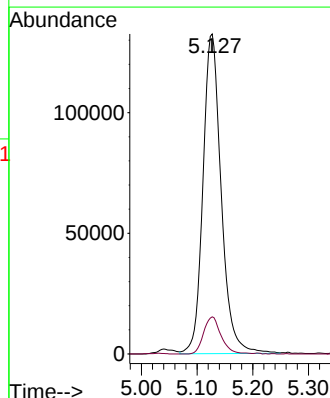
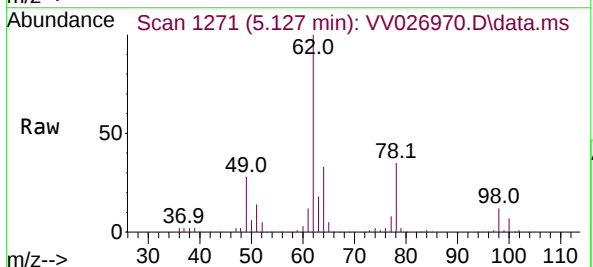
Acq: 26 Jul 2022 22:52

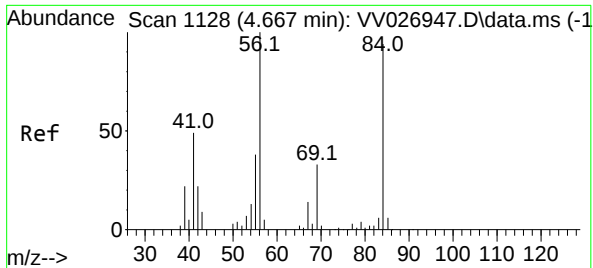
Tgt Ion: 62 Resp: 302136

Ion Ratio Lower Upper

62 100

98 11.6 8.9 13.3

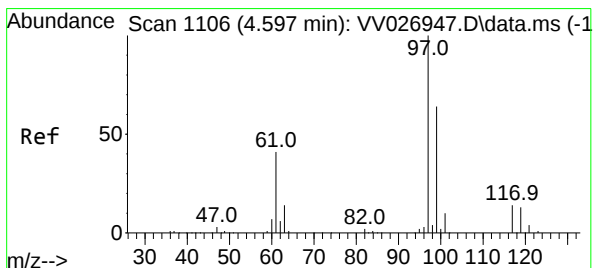
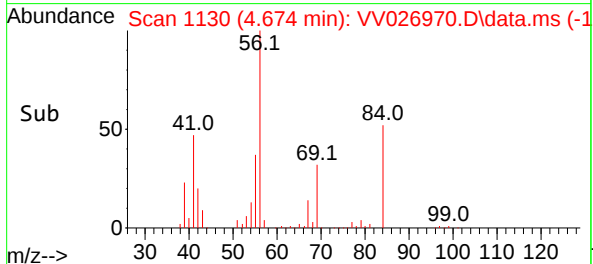
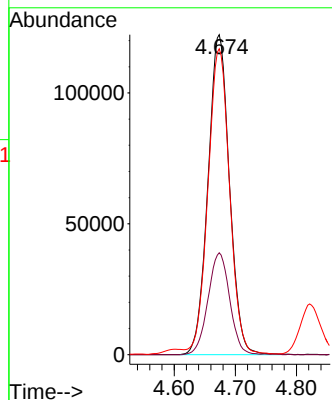
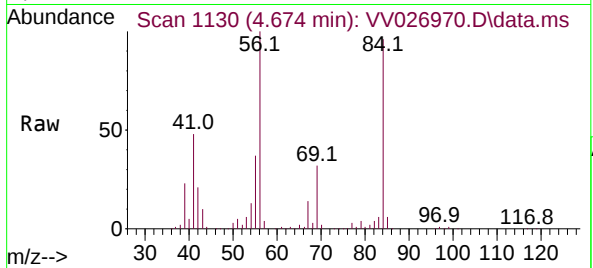




#29
Cyclohexane
Concen: 55.910 ug/L
RT: 4.674 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

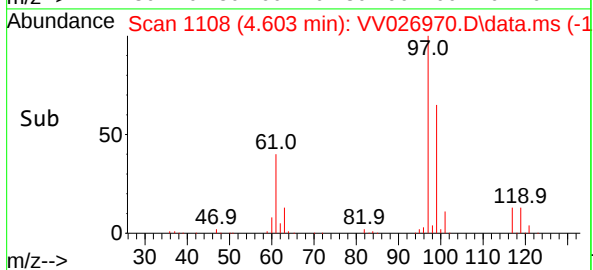
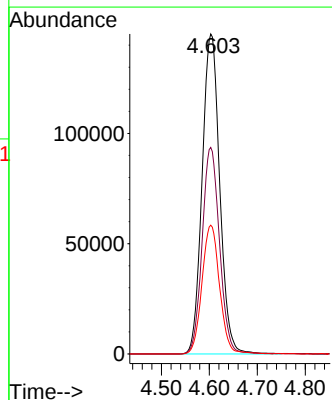
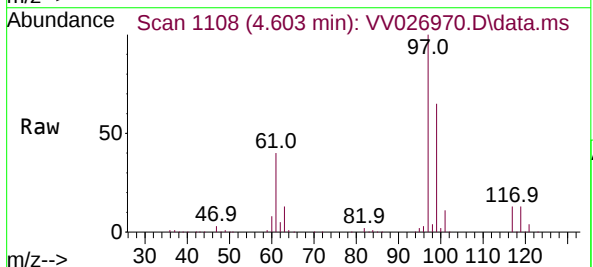
Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

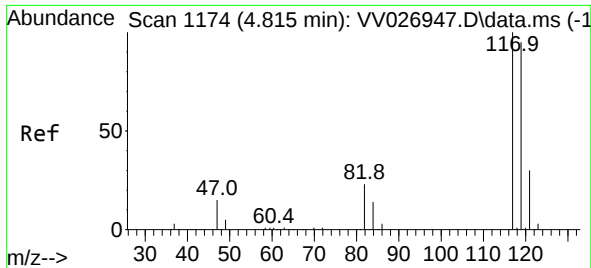
Tgt Ion: 56 Resp: 298711
Ion Ratio Lower Upper
56 100
69 32.1 25.7 38.5
84 96.3 77.0 115.6



#30
1,1,1-Trichloroethane
Concen: 54.785 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. 0.006 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

Tgt Ion: 97 Resp: 369818
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.6
61 40.4 33.1 49.7

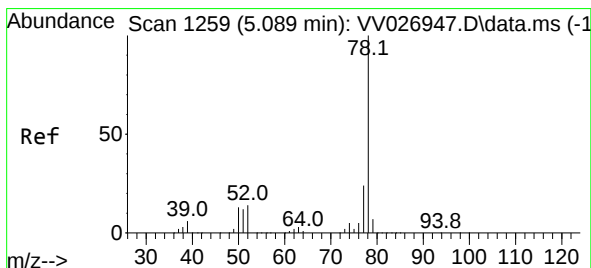
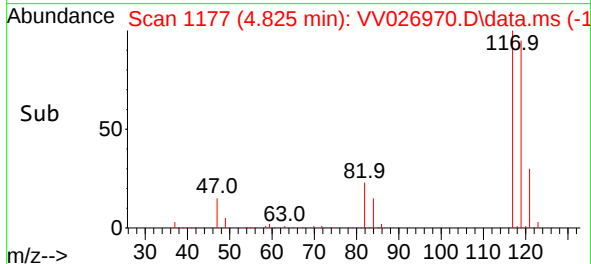
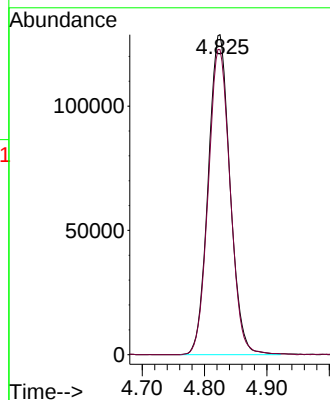
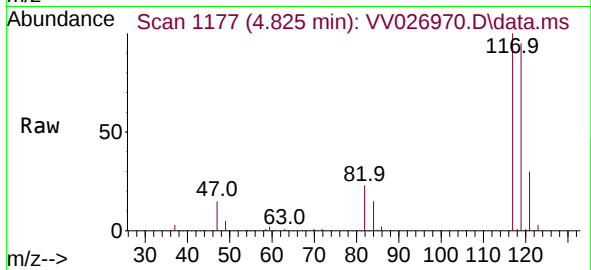




#31
Carbon tetrachloride
Concen: 52.944 ug/L
RT: 4.825 min Scan# 1174
Delta R.T. 0.010 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

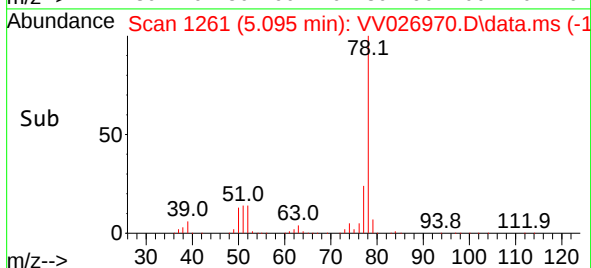
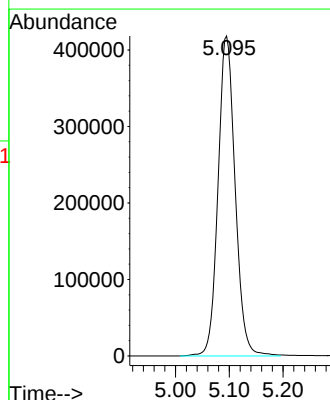
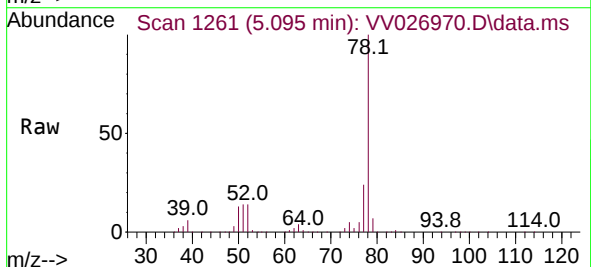
Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

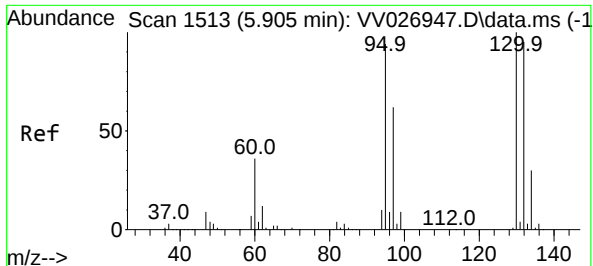
Tgt Ion:117 Resp: 312919
Ion Ratio Lower Upper
117 100
119 96.1 77.3 115.9



#33
Benzene
Concen: 56.275 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

Tgt Ion: 78 Resp: 924635





#34

Trichloroethene

Concen: 53.639 ug/L

RT: 5.912 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV026970.D

Acq: 26 Jul 2022 22:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD050310

Tgt Ion: 95 Resp: 226476

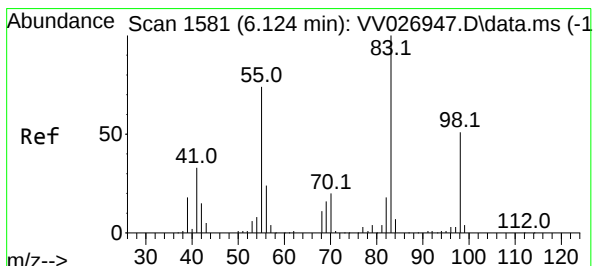
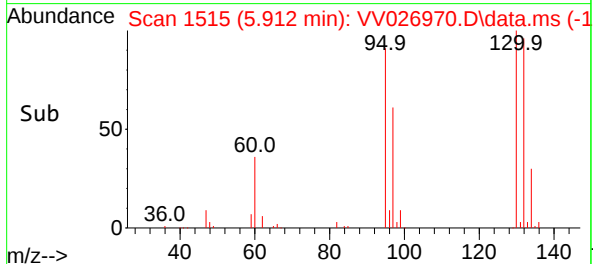
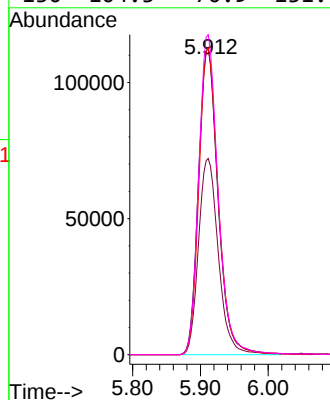
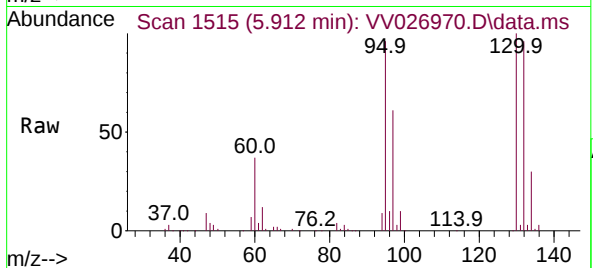
Ion Ratio Lower Upper

95 100

97 64.0 45.9 85.3

132 100.0 68.1 126.5

130 104.3 70.9 131.7



#35

Methylcyclohexane

Concen: 53.564 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.006 min

Lab File: VV026970.D

Acq: 26 Jul 2022 22:52

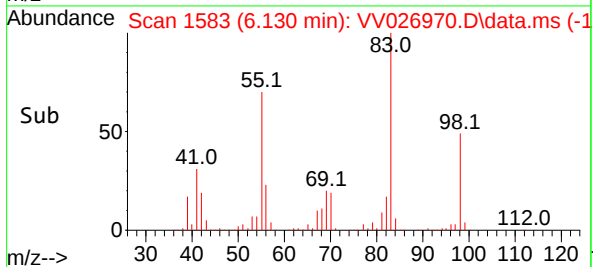
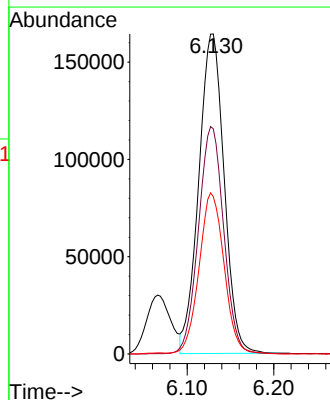
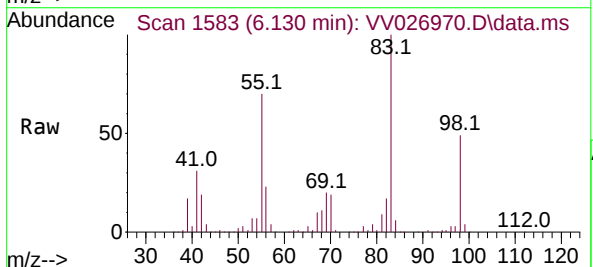
Tgt Ion: 83 Resp: 334858

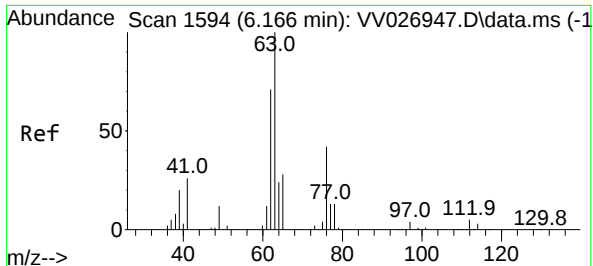
Ion Ratio Lower Upper

83 100

55 70.6 57.4 86.2

98 49.8 39.4 59.0





#37

1,2-Dichloropropane

Concen: 56.623 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026970.D

Acq: 26 Jul 2022 22:52

Instrument :

MSVOA_V

ClientSampleId :

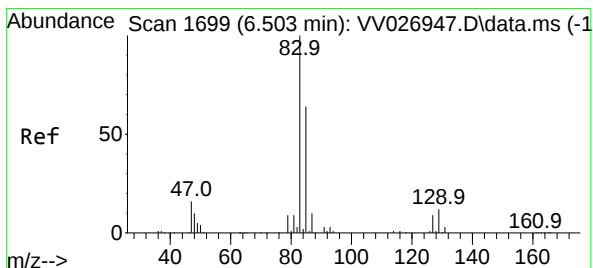
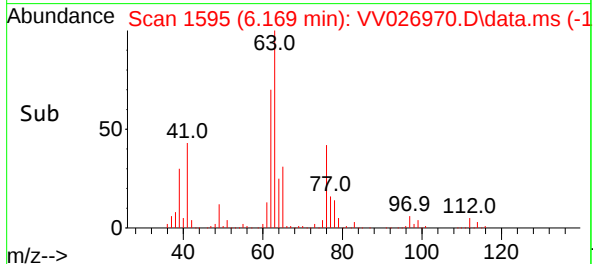
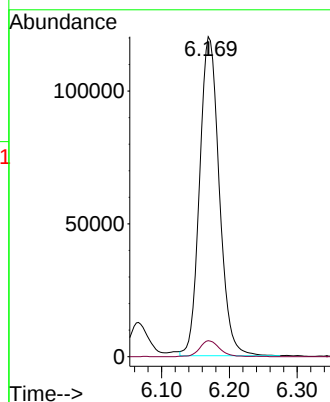
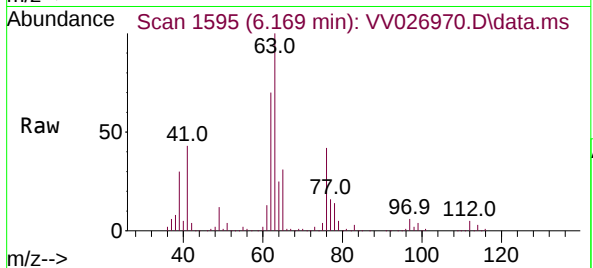
VSTD050310

Tgt Ion: 63 Resp: 242139

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.8



#38

Bromodichloromethane

Concen: 54.180 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV026970.D

Acq: 26 Jul 2022 22:52

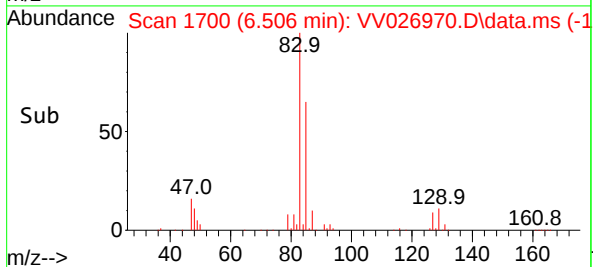
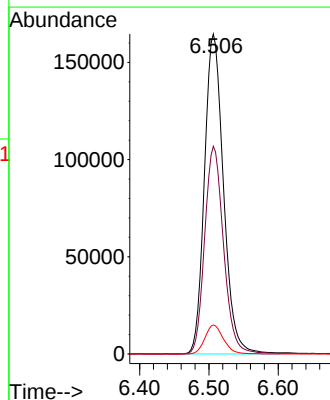
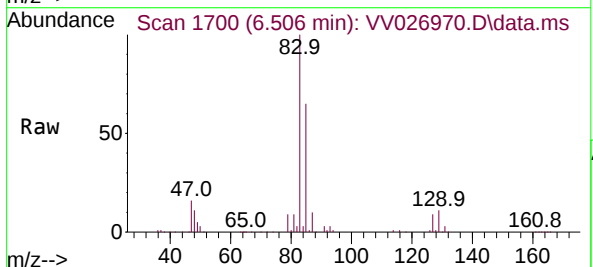
Tgt Ion: 83 Resp: 314042

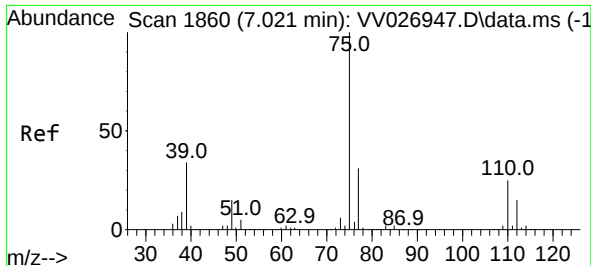
Ion Ratio Lower Upper

83 100

85 64.9 45.1 83.9

127 9.0 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 53.998 ug/L

RT: 7.024 min Scan# 1860

Delta R.T. 0.003 min

Lab File: VV026970.D

Acq: 26 Jul 2022 22:52

Instrument :

MSVOA_V

ClientSampleId :

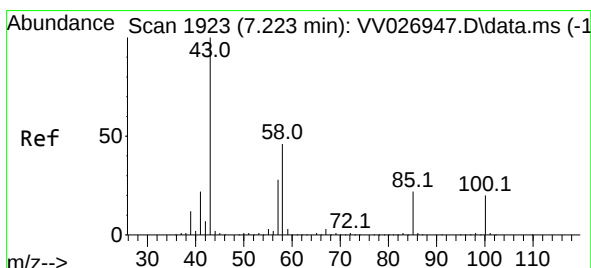
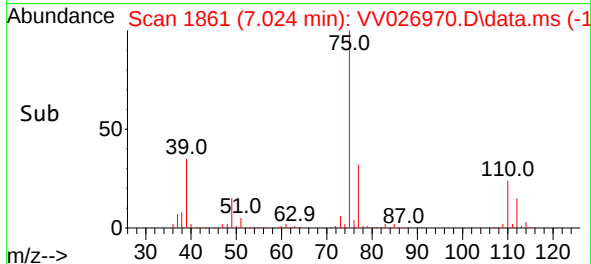
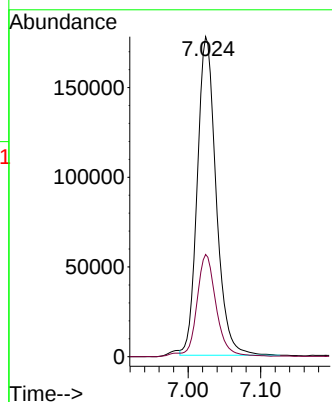
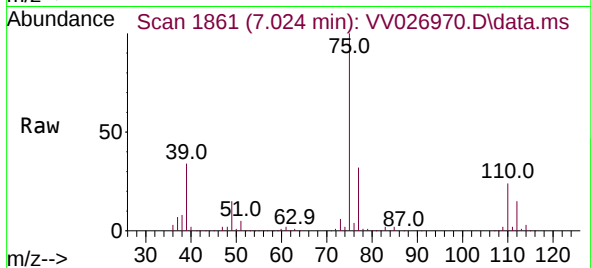
VSTD050310

Tgt Ion: 75 Resp: 320471

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 122.000 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV026970.D

Acq: 26 Jul 2022 22:52

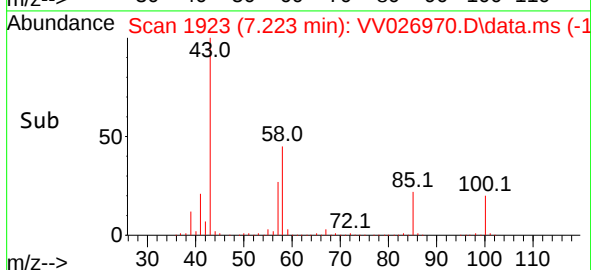
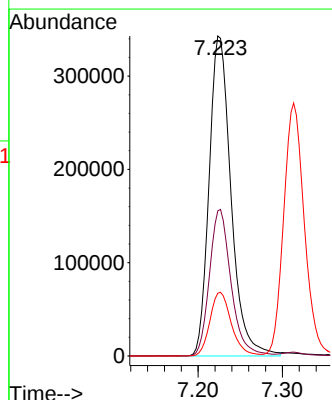
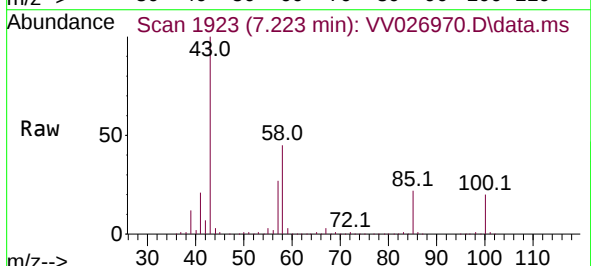
Tgt Ion: 43 Resp: 620865

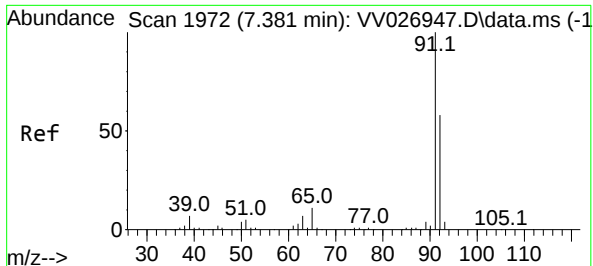
Ion Ratio Lower Upper

43 100

58 45.0 35.0 52.6

100 19.4 15.4 23.0





#42

Toluene

Concen: 57.985 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV026970.D

Acq: 26 Jul 2022 22:52

Instrument :

MSVOA_V

ClientSampleId :

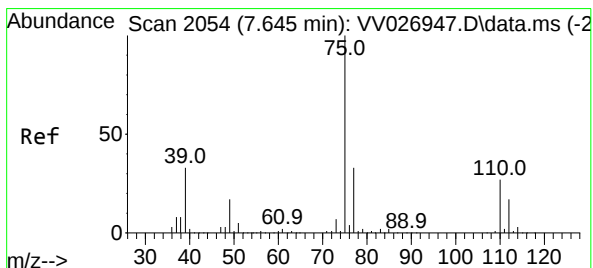
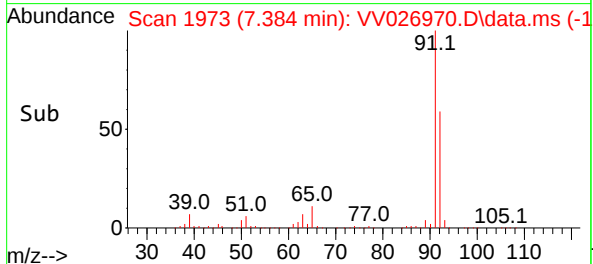
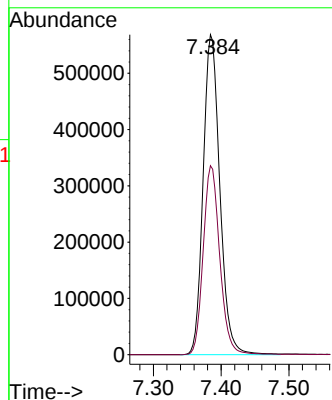
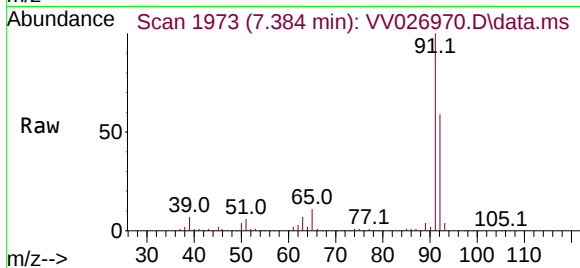
VSTD050310

Tgt Ion: 91 Resp: 972449

Ion Ratio Lower Upper

91 100

92 59.1 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 54.517 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV026970.D

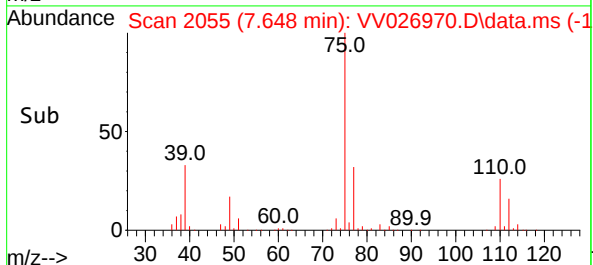
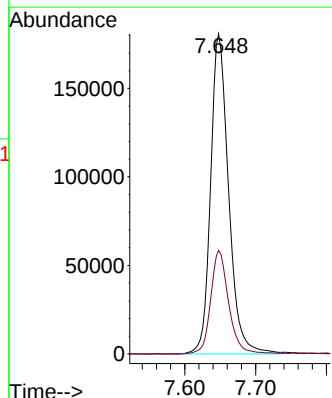
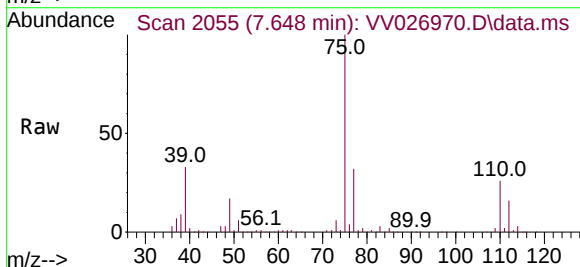
Acq: 26 Jul 2022 22:52

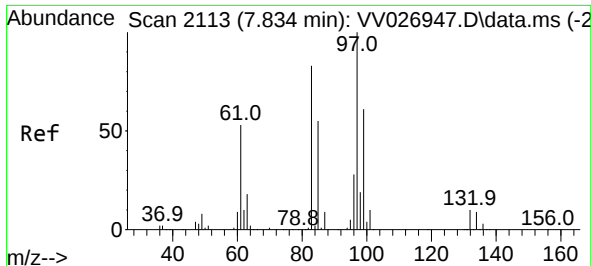
Tgt Ion: 75 Resp: 319070

Ion Ratio Lower Upper

75 100

77 32.3 21.3 39.6



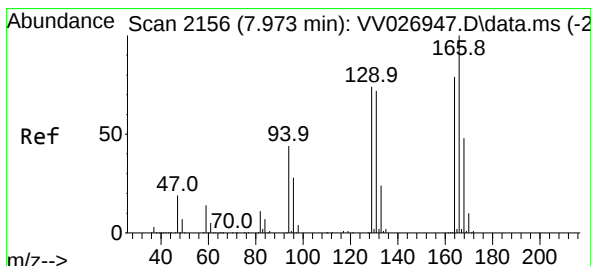
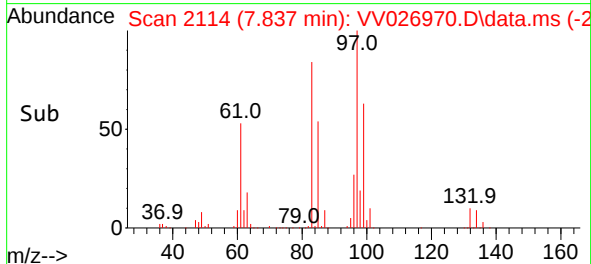
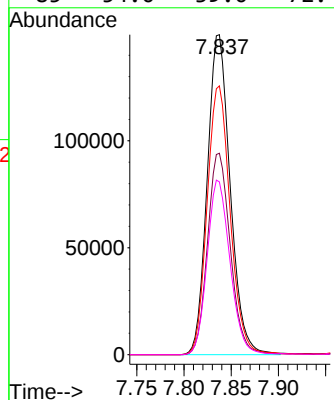
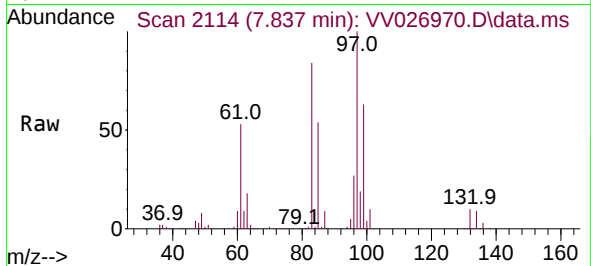


#45
1,1,2-Trichloroethane
Concen: 55.535 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

Tgt Ion: 97 Resp: 252906

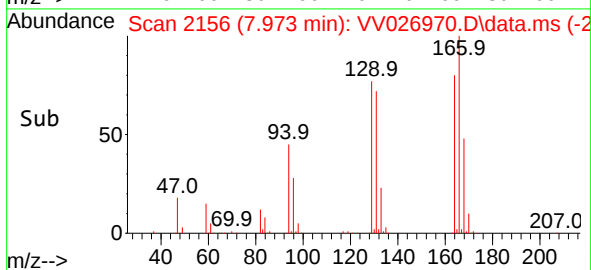
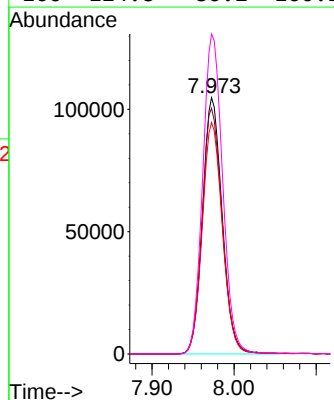
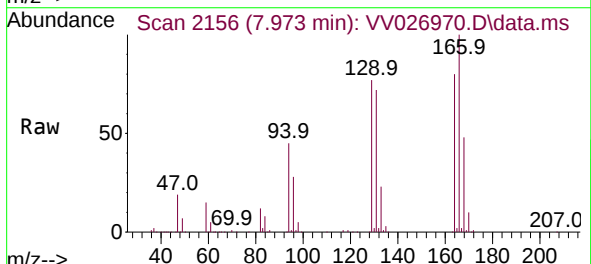
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.0	81.8
83	84.0	59.9	111.3
85	54.0	39.0	72.4

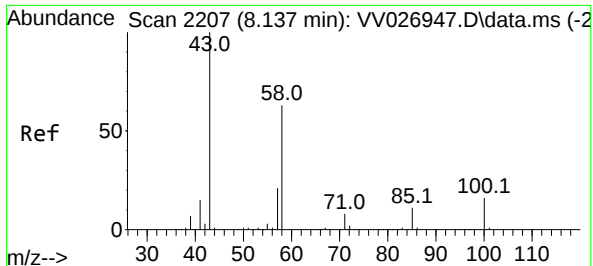


#46
Tetrachloroethene
Concen: 53.162 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

Tgt Ion: 164 Resp: 175094

Ion	Ratio	Lower	Upper
164	100		
129	95.9	66.3	123.1
131	90.3	63.1	117.3
166	124.8	86.2	160.2



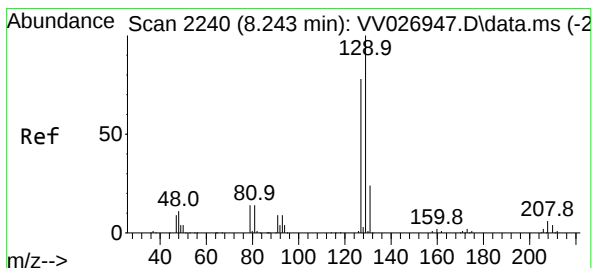
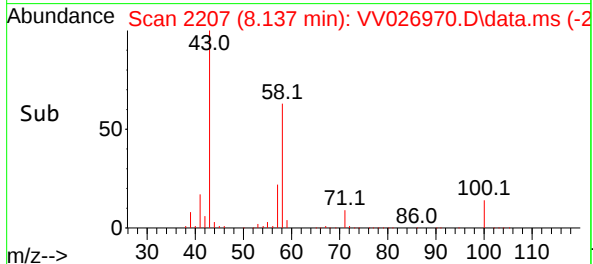
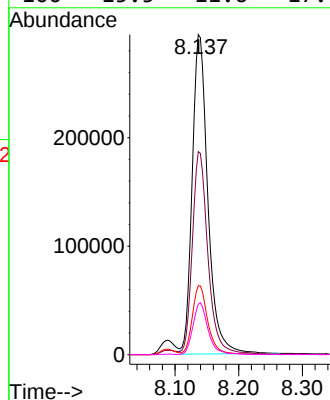
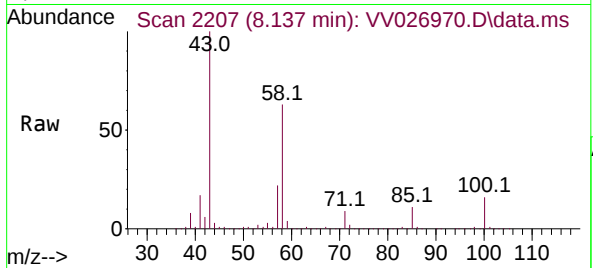


#48
2-Hexanone
Concen: 127.314 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

Tgt Ion: 43 Resp: 504262

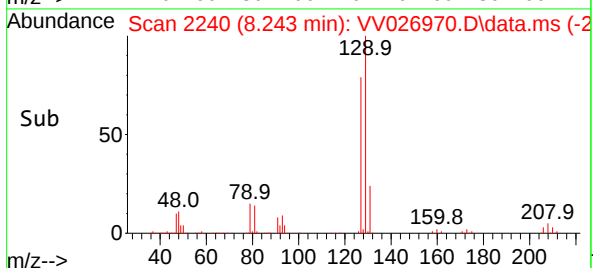
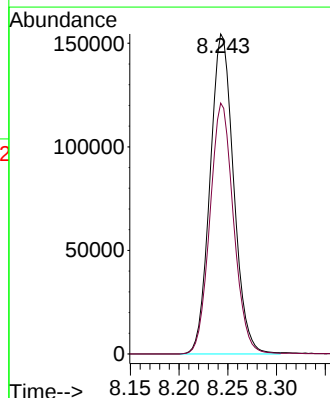
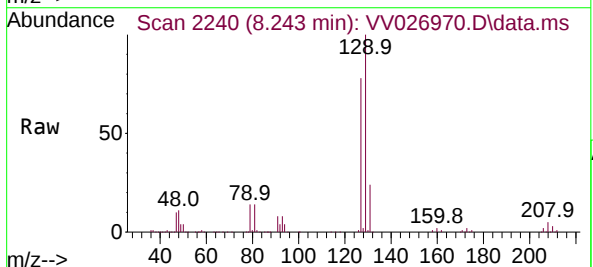
Ion	Ratio	Lower	Upper
43	100		
58	63.1	48.8	73.2
57	21.4	16.6	24.8
100	15.5	11.6	17.4

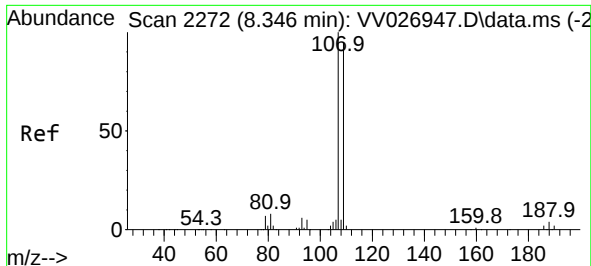


#49
Dibromochloromethane
Concen: 54.684 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

Tgt Ion: 129 Resp: 260287

Ion	Ratio	Lower	Upper
129	100		
127	78.4	53.7	99.7





#50

1,2-Dibromoethane

Concen: 55.164 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026970.D

Acq: 26 Jul 2022 22:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD050310

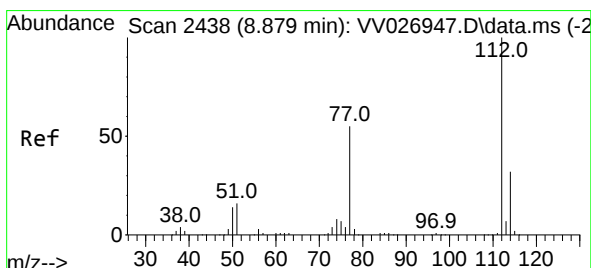
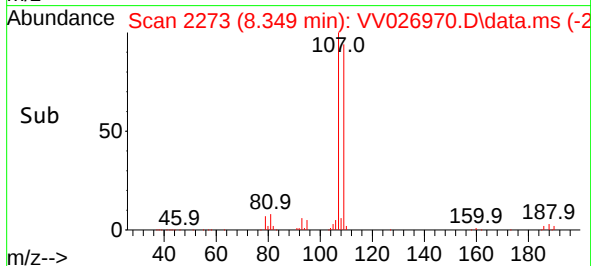
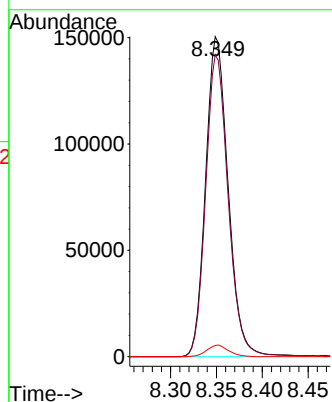
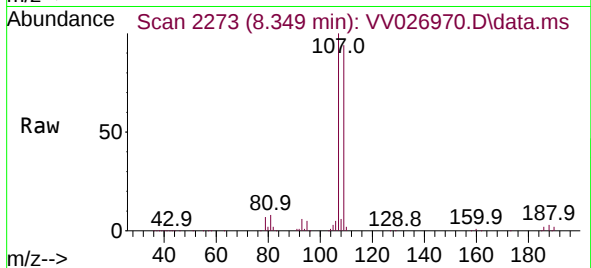
Tgt Ion:107 Resp: 257022

Ion Ratio Lower Upper

107 100

109 94.4 64.9 120.5

188 3.5 2.6 3.8



#51

Chlorobenzene

Concen: 54.076 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV026970.D

Acq: 26 Jul 2022 22:52

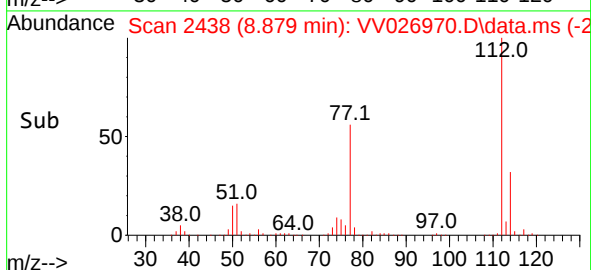
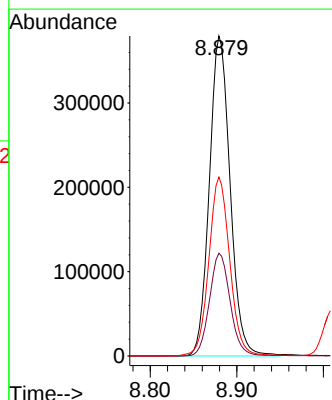
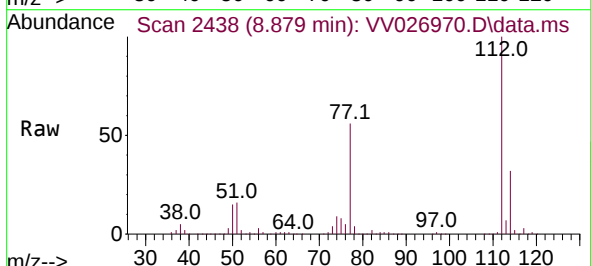
Tgt Ion:112 Resp: 632146

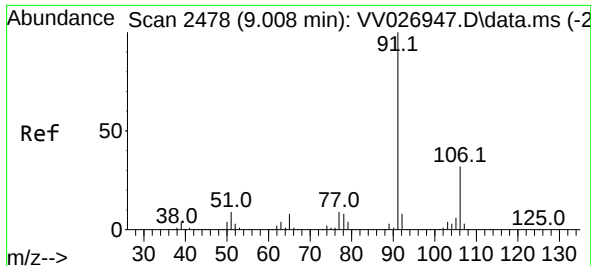
Ion Ratio Lower Upper

112 100

114 32.1 22.7 42.1

77 55.9 44.4 66.6

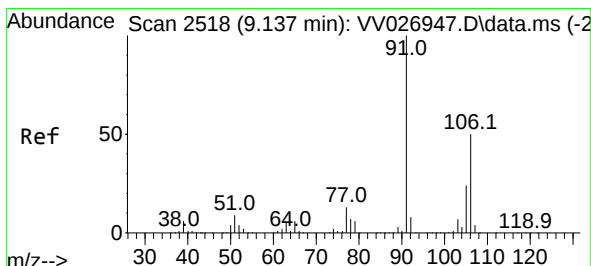
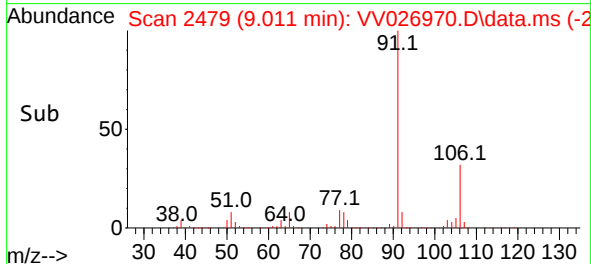
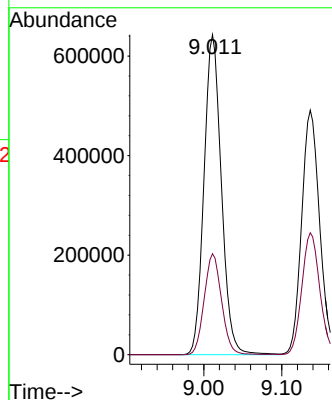
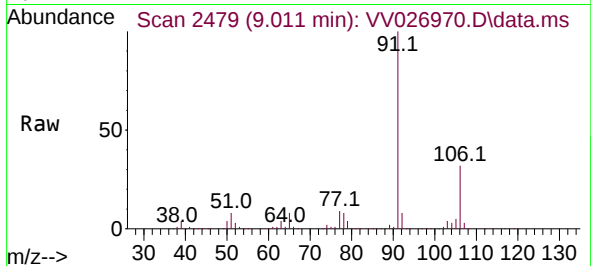




#52
Ethylbenzene
Concen: 57.173 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

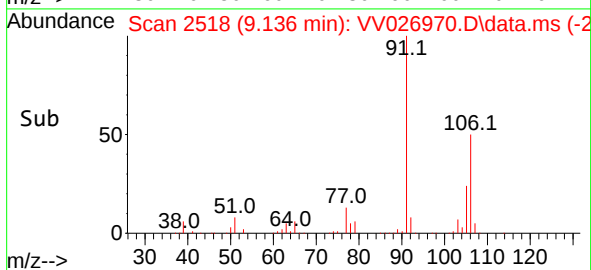
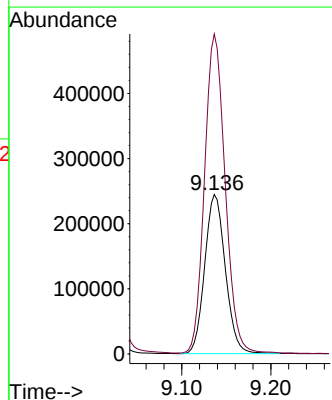
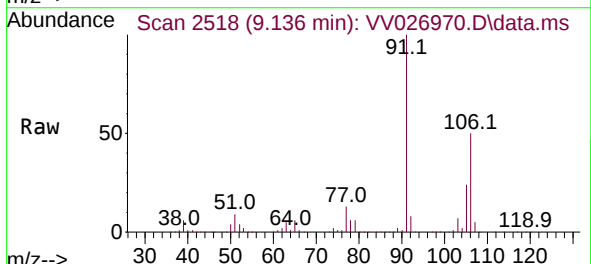
Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

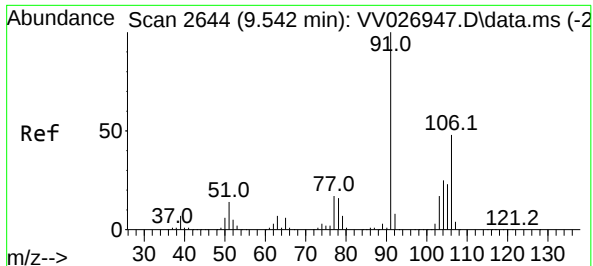
Tgt Ion: 91 Resp: 995268
Ion Ratio Lower Upper
91 100
106 31.6 22.0 40.8



#53
m,p-Xylene
Concen: 57.682 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

Tgt Ion:106 Resp: 393172
Ion Ratio Lower Upper
106 100
91 200.6 140.0 260.0

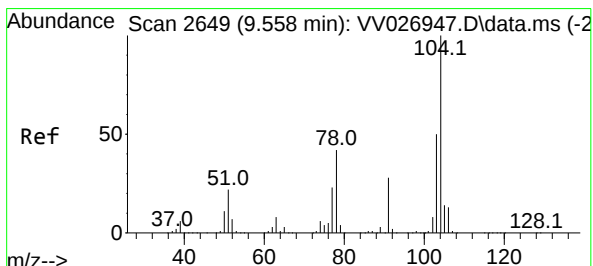
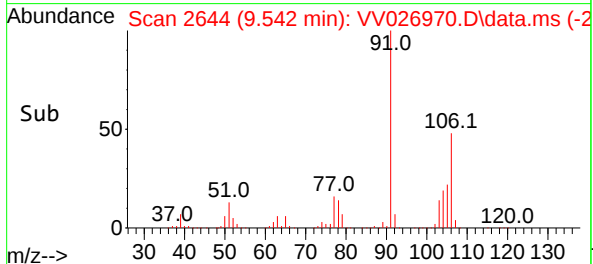
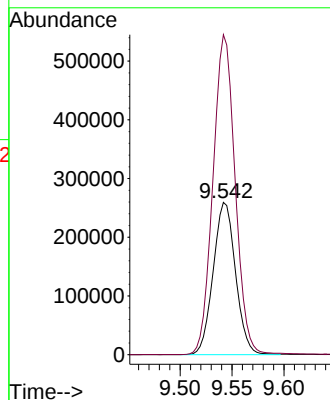
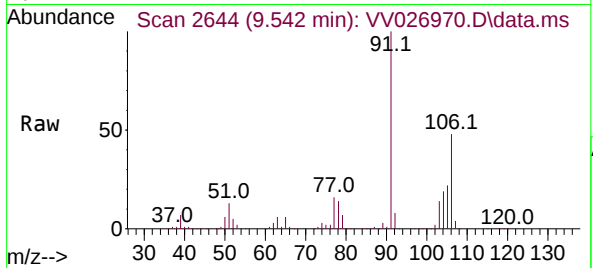




#54
o-Xylene
Concen: 59.181 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

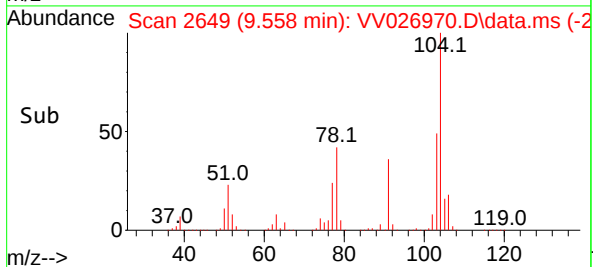
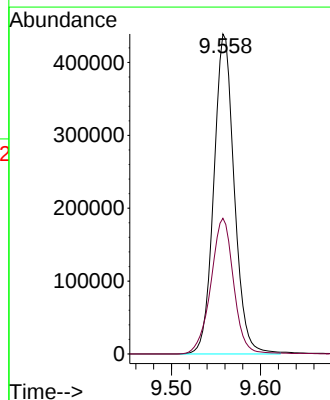
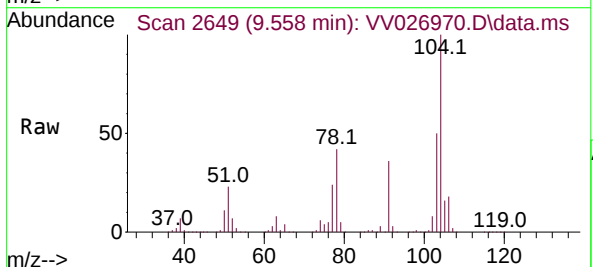
Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

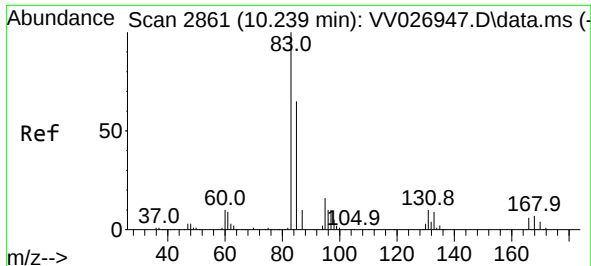
Tgt Ion:106 Resp: 388503
Ion Ratio Lower Upper
106 100
91 210.1 146.1 271.3



#55
Styrene
Concen: 60.371 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

Tgt Ion:104 Resp: 699928
Ion Ratio Lower Upper
104 100
78 42.4 29.6 55.0





#57

1,1,2,2-Tetrachloroethane

Concen: 55.802 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV026970.D

Acq: 26 Jul 2022 22:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD050310

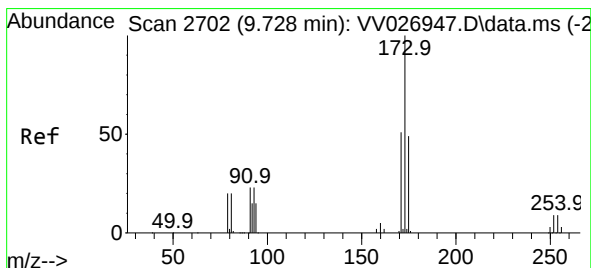
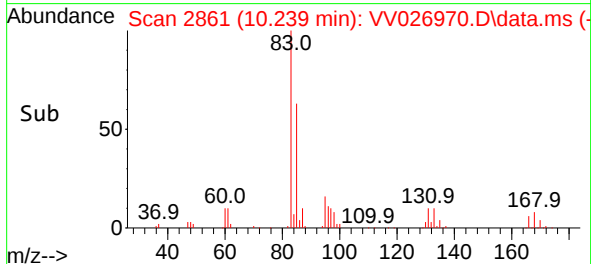
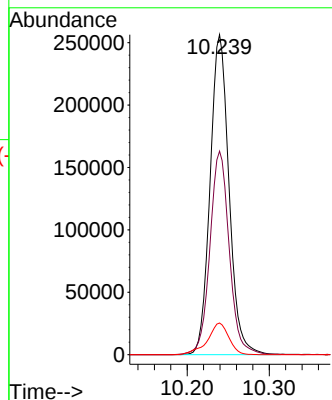
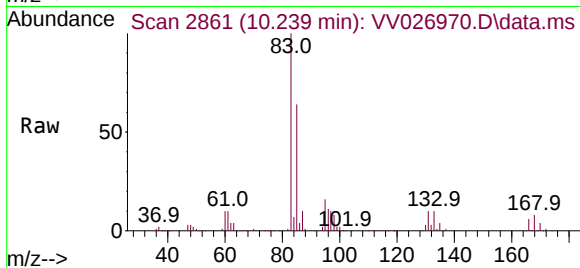
Tgt Ion: 83 Resp: 410210

Ion Ratio Lower Upper

83 100

85 63.6 45.3 84.1

131 9.9 7.8 11.6



#59

Bromoform

Concen: 56.047 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.000 min

Lab File: VV026970.D

Acq: 26 Jul 2022 22:52

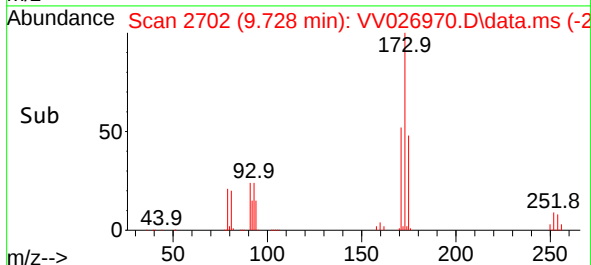
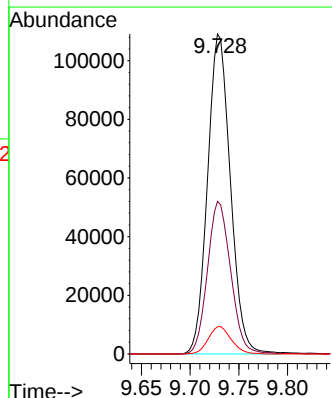
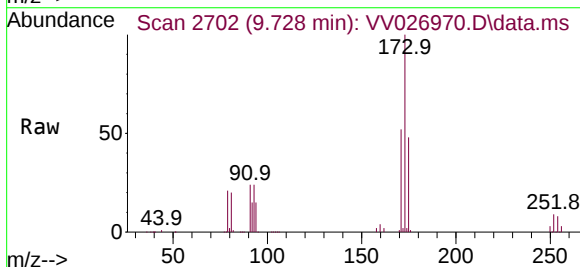
Tgt Ion: 173 Resp: 178041

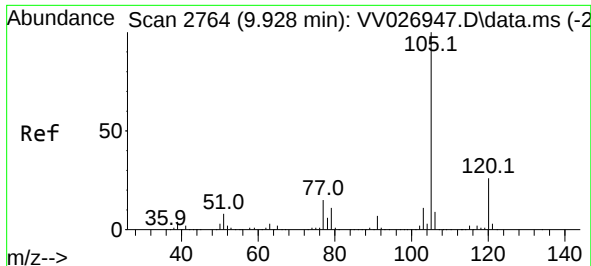
Ion Ratio Lower Upper

173 100

175 48.2 38.6 57.8

254 8.6 6.6 10.0

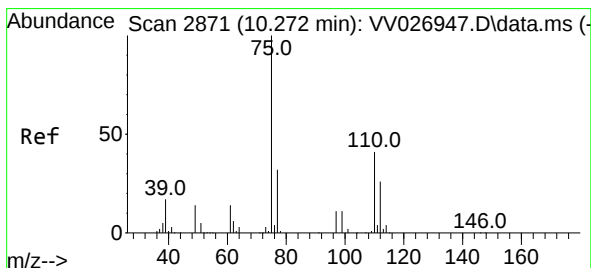
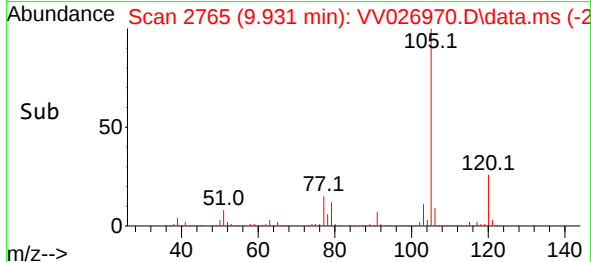
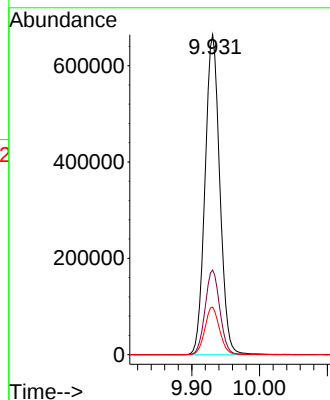
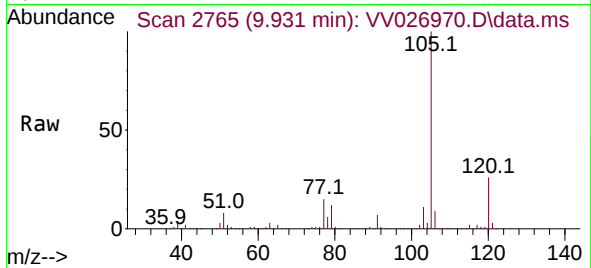




#60
Isopropylbenzene
Concen: 59.813 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

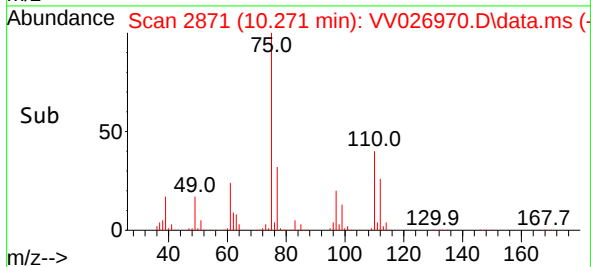
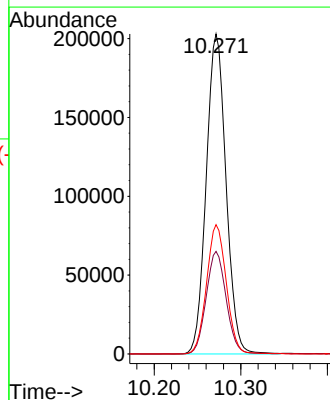
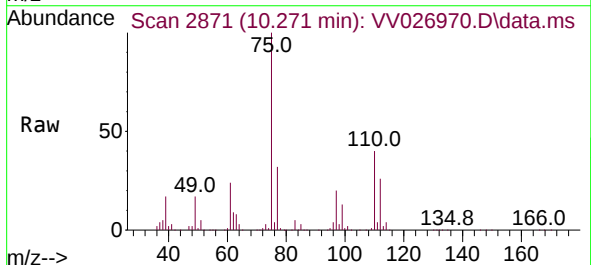
Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

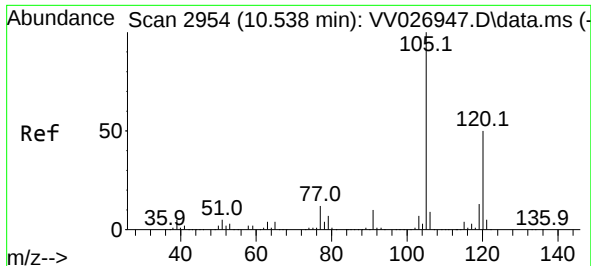
Tgt Ion:105 Resp: 1005037
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 14.8 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 56.487 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

Tgt Ion: 75 Resp: 322287
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4
110 40.3 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 59.857 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV026970.D

Acq: 26 Jul 2022 22:52

Instrument :

MSVOA_V

ClientSampleId :

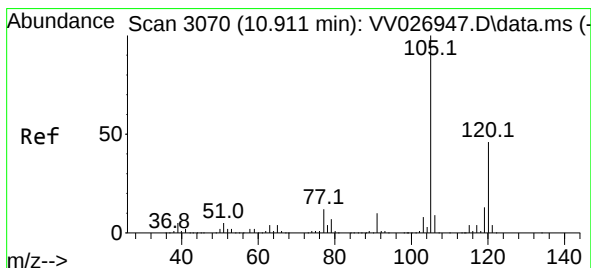
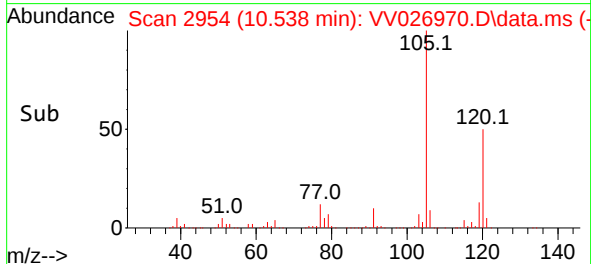
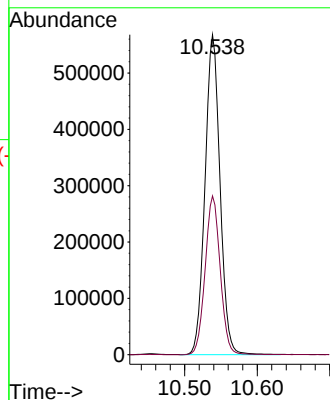
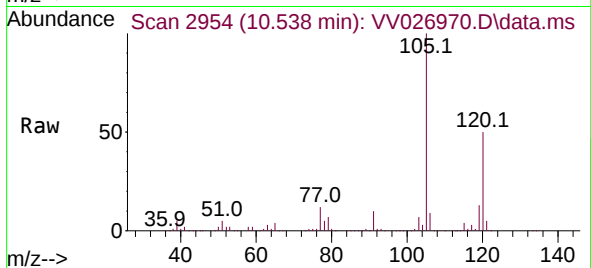
VSTD050310

Tgt Ion:105 Resp: 817427

Ion Ratio Lower Upper

105 100

120 49.8 39.8 59.6



#63

1,2,4-Trimethylbenzene

Concen: 60.276 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV026970.D

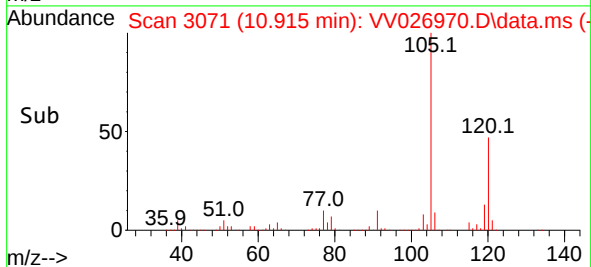
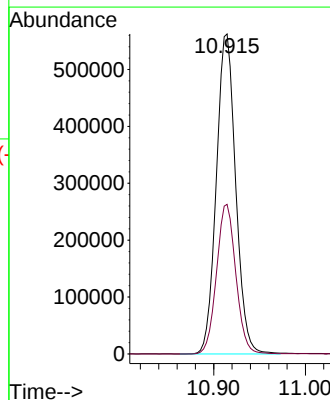
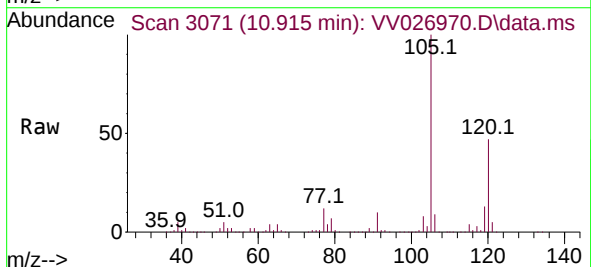
Acq: 26 Jul 2022 22:52

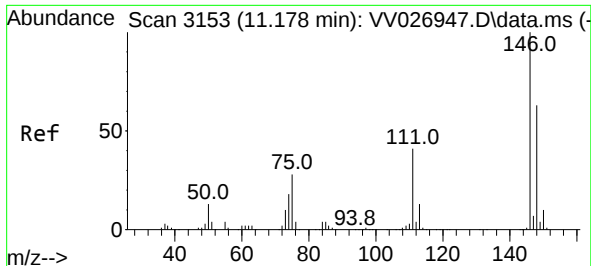
Tgt Ion:105 Resp: 825651

Ion Ratio Lower Upper

105 100

120 46.6 37.1 55.7

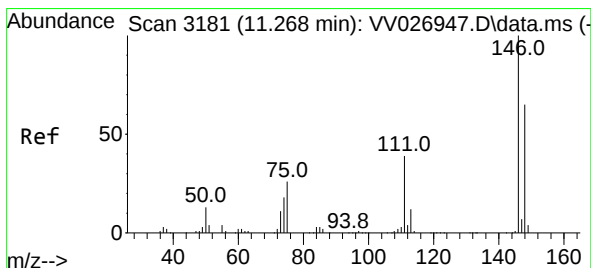
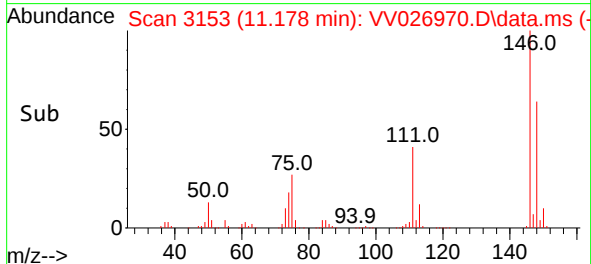
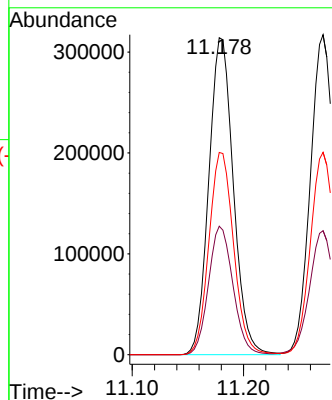
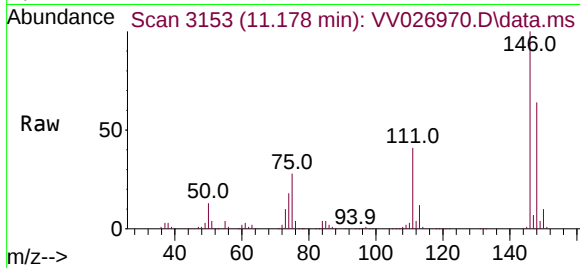




#64
1,3-Dichlorobenzene
Concen: 56.088 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

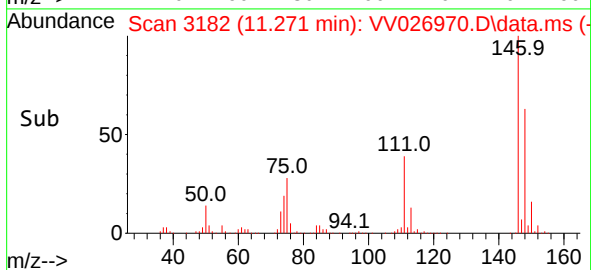
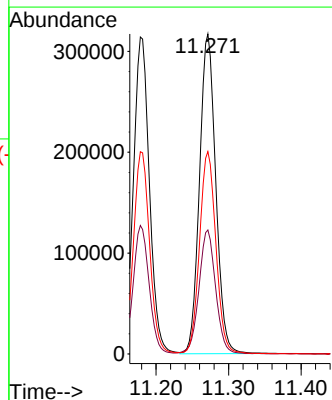
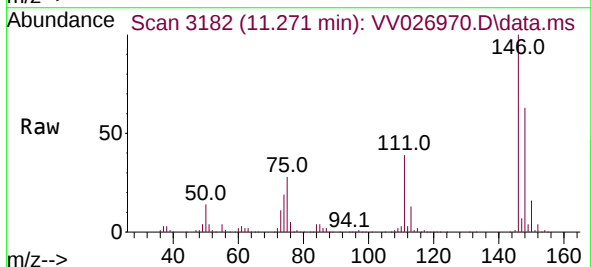
Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

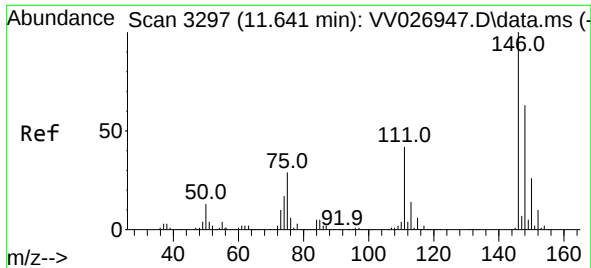
Tgt Ion:146 Resp: 481524
Ion Ratio Lower Upper
146 100
111 40.6 27.9 51.9
148 63.8 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 54.251 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

Tgt Ion:146 Resp: 493517
Ion Ratio Lower Upper
146 100
111 38.7 27.4 51.0
148 63.2 44.4 82.4

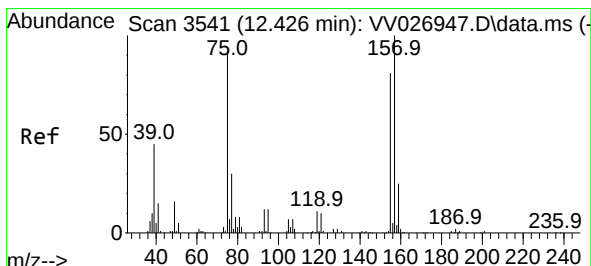
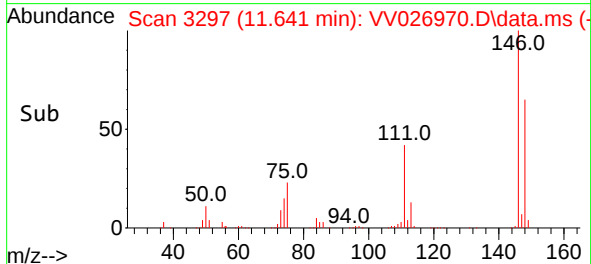
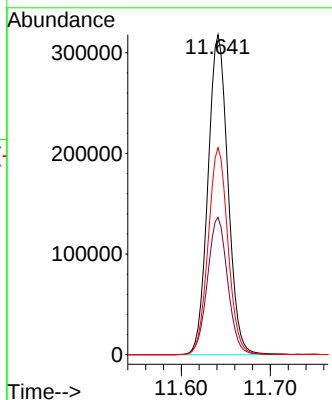
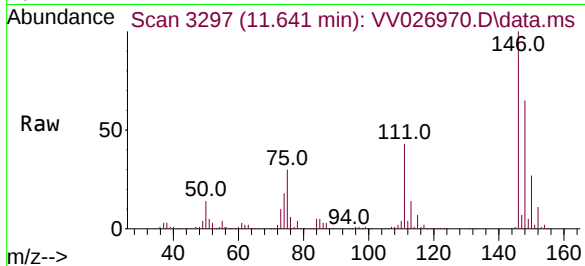




#67
1,2-Dichlorobenzene
Concen: 56.213 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

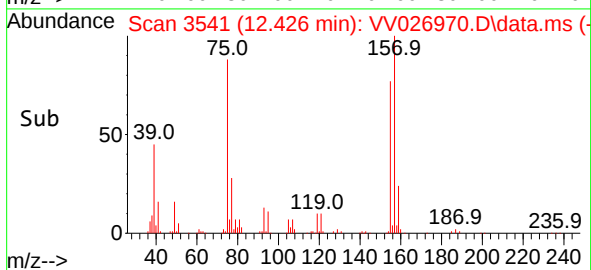
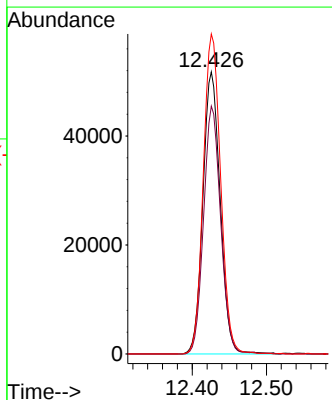
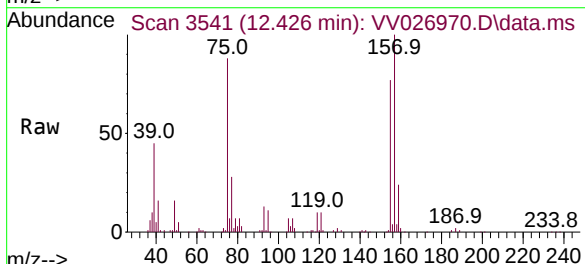
Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

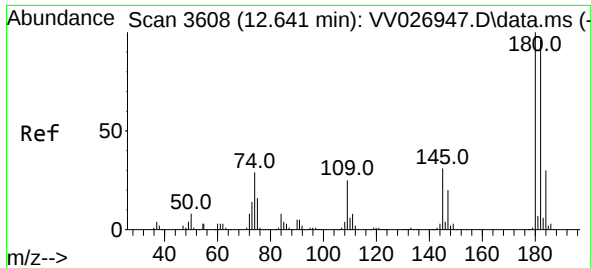
Tgt Ion:146 Resp: 495144
Ion Ratio Lower Upper
146 100
111 42.9 33.2 49.8
148 64.7 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 54.855 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

Tgt Ion: 75 Resp: 83617
Ion Ratio Lower Upper
75 100
155 87.9 67.7 101.5
157 113.5 87.1 130.7

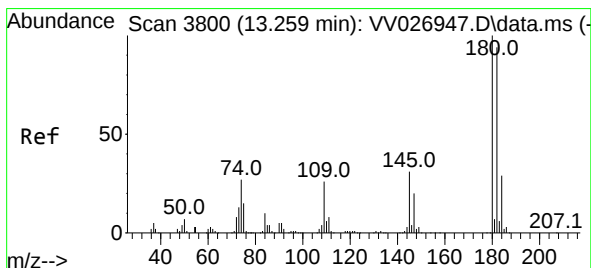
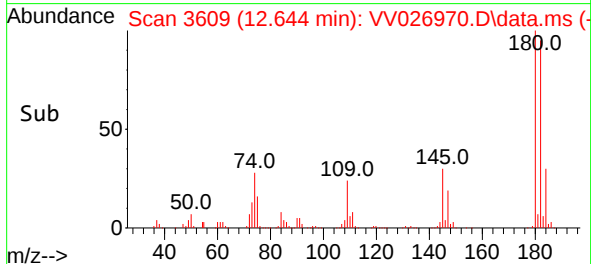
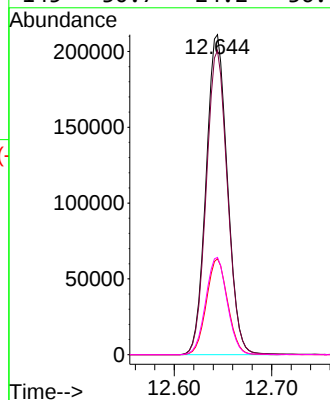
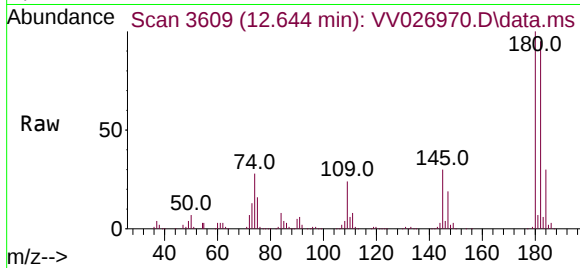




#69
 1,3,5-Trichlorobenzene
 Concen: 52.780 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV026970.D
 Acq: 26 Jul 2022 22:52

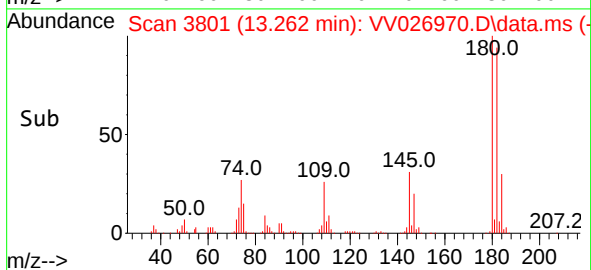
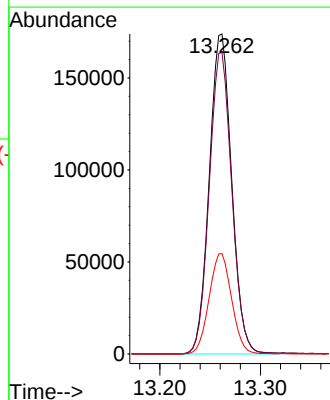
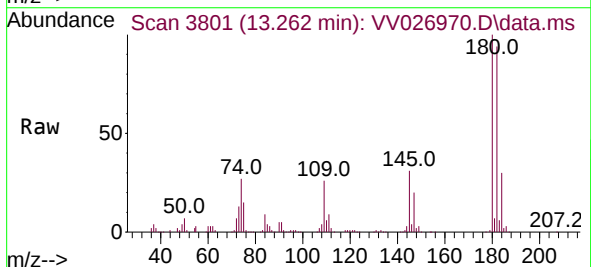
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050310

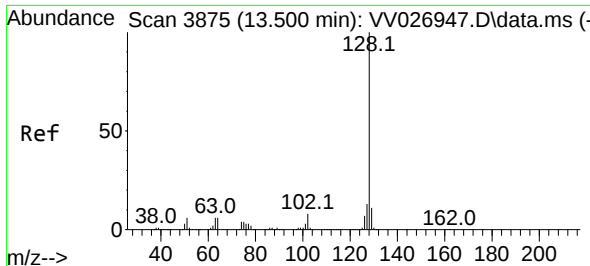
Tgt Ion:180 Resp: 320784
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.6 113.4
 184 29.9 23.8 35.8
 145 30.7 24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 52.575 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV026970.D
 Acq: 26 Jul 2022 22:52

Tgt Ion:180 Resp: 269232
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.2 114.4
 145 31.5 25.0 37.6

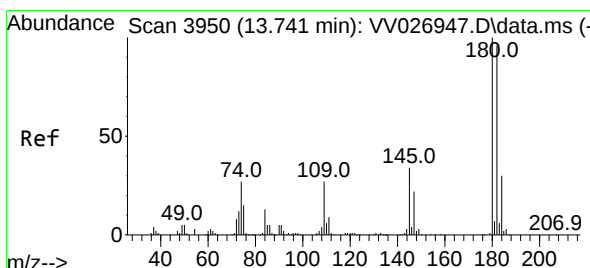
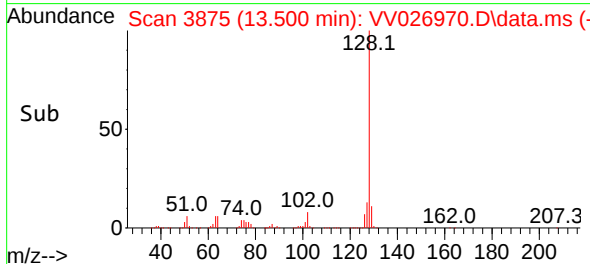
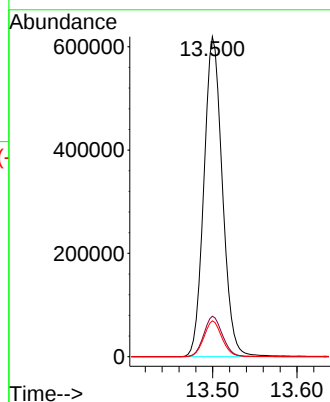
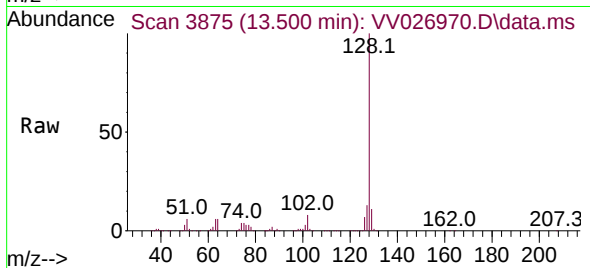




#71
Naphthalene
Concen: 58.749 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD050310

Tgt Ion:128 Resp: 946057
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 57.218 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV026970.D
Acq: 26 Jul 2022 22:52

Tgt Ion:180 Resp: 305642
Ion Ratio Lower Upper
180 100
182 95.1 75.4 113.2
145 33.4 26.6 40.0

