

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060123\
 Data File : VW031315.D
 Acq On : 01 Jun 2023 13:58
 Operator : SY/MD
 Sample : VSTD0.553
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5253

Quant Time: Jun 02 02:03:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 02 02:03:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	125025	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	127761	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58656	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	6400	0.584	ug/L	0.00
7) Chloroethane-d5	1.536	69	5497	0.492	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	3038	0.544	ug/L	0.00
20) 2-Butanone-d5	3.915	46	5705	1.663	ug/L	0.08
24) Chloroform-d	4.259	84	10109	0.415	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.963	65	4975	0.384	ug/L	0.00
32) Benzene-d6	4.973	84	16970	0.383	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.002	67	6187	0.399	ug/L	0.00
41) Toluene-d8	7.252	98	15028	0.376	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.571	79	1655	0.317	ug/L	0.00
46) 2-Hexanone-d5	8.056	63	4570	1.905	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.162	84	4629	0.387	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.571	152	5847	0.496	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	8870	0.452	ug/L	97
3) Chloromethane	1.217	50	9170	0.490	ug/L	92
5) Vinyl chloride	1.282	62	9698	0.516	ug/L	99
6) Bromomethane	1.491	94	4902	0.467	ug/L	94
8) Chloroethane	1.552	64	5774	0.490	ug/L	86
9) Trichlorofluoromethane	1.716	101	12433	0.442	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	7813	0.496	ug/L	98
12) 1,1-Dichloroethene	2.073	96	6396	0.481	ug/L	93
13) Acetone	2.153	43	3787	1.227	ug/L	100
14) Carbon disulfide	2.243	76	18083	0.453	ug/L	99
15) Methyl Acetate	2.397	43	858	0.154	ug/L #	78
16) Methylene chloride	2.452	84	13823	0.770	ug/L	94
17) Methyl tert-butyl Ether	2.712	73	11717	0.407	ug/L #	94
18) trans-1,2-Dichloroethene	2.700	96	5681	0.452	ug/L	85
19) 1,1-Dichloroethane	3.121	63	12571	0.452	ug/L	97
21) 2-Butanone	3.947	43	2936	0.748	ug/L #	55
22) cis-1,2-Dichloroethene	3.831	96	5460	0.417	ug/L	95
23) Bromochloromethane	4.166	128	2642	0.448	ug/L	80
25) Chloroform	4.291	83	14086	0.482	ug/L	94
27) 1,2-Dichloroethane	5.063	62	7895	0.489	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	11661	0.473	ug/L	96
30) Cyclohexane	4.584	56	8373	0.365	ug/L	94
31) Carbon tetrachloride	4.744	117	10065	0.456	ug/L	95
33) Benzene	5.021	78	21013	0.392	ug/L	100
34) Trichloroethene	5.844	95	6998	0.476	ug/L	86
35) Methylcyclohexane	6.056	83	8136	0.374	ug/L	96
37) 1,2-Dichloropropane	6.101	63	6662	0.462	ug/L #	93
38) Bromodichloromethane	6.442	83	9348	0.480	ug/L	95
39) cis-1,3-Dichloropropene	6.973	75	7344	0.374	ug/L	95
40) 4-Methyl-2-pentanone	7.175	43	26227	3.034	ug/L	92
42) Toluene	7.323	91	20453	0.365	ug/L	99
44) trans-1,3-Dichloropropene	7.600	75	6163	0.378	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060123\
 Data File : VW031315.D
 Acq On : 01 Jun 2023 13:58
 Operator : SY/MD
 Sample : VSTD0.553
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

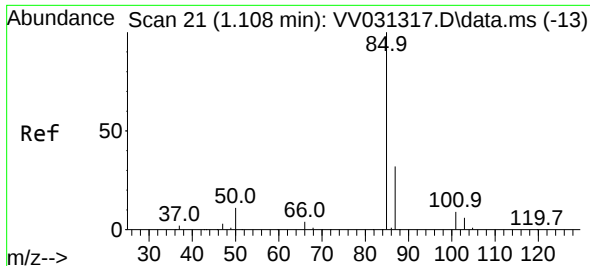
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5253

Quant Time: Jun 02 02:03:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 02 02:03:19 2023
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	7.783	97	4465	0.442	ug/L	95
47) Tetrachloroethene	7.915	164	5038	0.450	ug/L	94
48) 2-Hexanone	8.098	43	23036	3.511	ug/L #	90
49) Dibromochloromethane	8.185	129	4858	0.425	ug/L	96
50) 1,2-Dibromoethane	8.294	107	4262	0.440	ug/L #	97
51) Chlorobenzene	8.825	112	14646	0.426	ug/L	99
52) Ethylbenzene	8.956	91	21860	0.372	ug/L	96
53) m,p-Xylene	9.082	106	7579	0.359	ug/L	98
54) o-Xylene	9.487	106	7338	0.369	ug/L	91
55) Styrene	9.506	104	11329	0.322	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	5008	0.416	ug/L	96
59) Bromoform	9.677	173	2531	0.467	ug/L #	91
60) Isopropylbenzene	9.873	105	19803	0.412	ug/L	95
61) 1,2,3-Trichloropropane	10.217	75	3618	0.480	ug/L	96
62) 1,3,5-Trimethylbenzene	10.484	105	15859	0.406	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	14865	0.371	ug/L	94
64) 1,3-Dichlorobenzene	11.127	146	10510	0.453	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	10015	0.428	ug/L	86
67) 1,2-Dichlorobenzene	11.590	146	9795	0.456	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	579	0.335	ug/L	91
69) 1,3,5-Trichlorobenzene	12.593	180	7638	0.446	ug/L	93
70) 1,2,4-trichlorobenzene	13.207	180	4948	0.390	ug/L	96
71) Naphthalene	13.455	128	5661	0.318	ug/L	97
72) 1,2,3-Trichlorobenzene	13.693	180	4310	0.368	ug/L	99

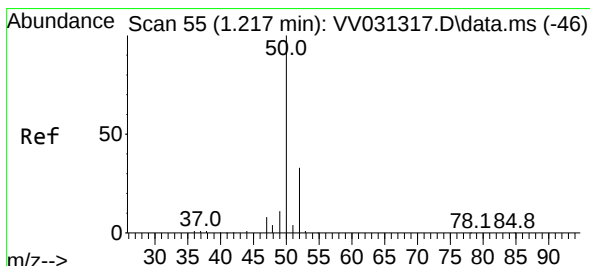
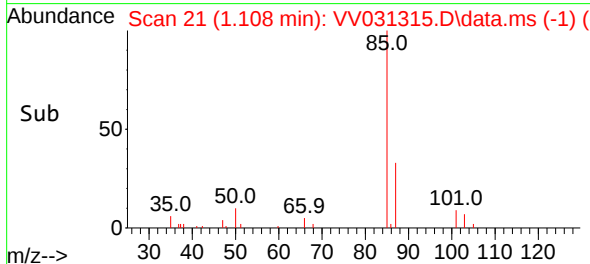
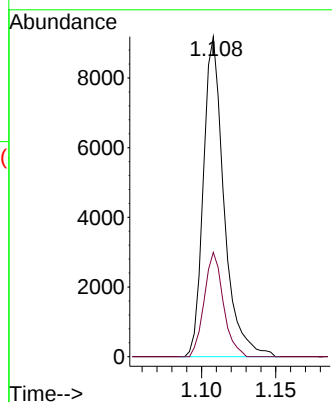
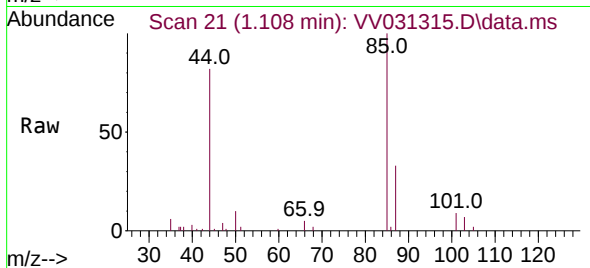
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.452 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031315.D
 Acq: 01 Jun 2023 13:58

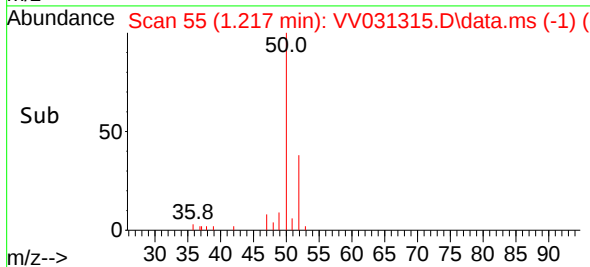
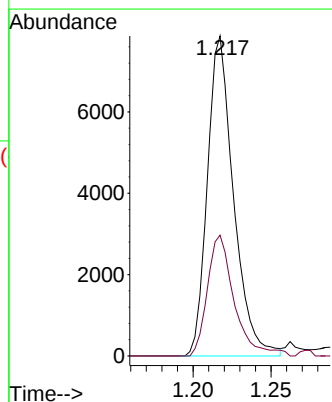
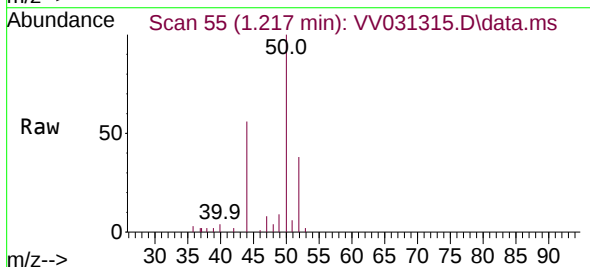
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5253

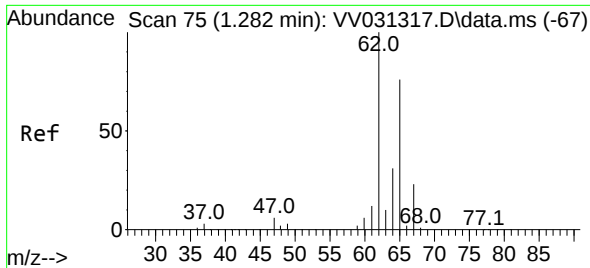
Tgt Ion: 85 Resp: 8870
 Ion Ratio Lower Upper
 85 100
 87 30.1 25.6 38.4



#3
 Chloromethane
 Concen: 0.490 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031315.D
 Acq: 01 Jun 2023 13:58

Tgt Ion: 50 Resp: 9170
 Ion Ratio Lower Upper
 50 100
 52 37.7 23.2 43.2

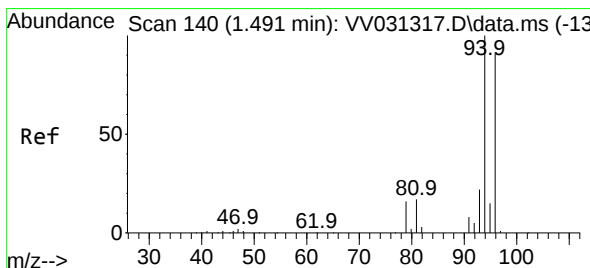
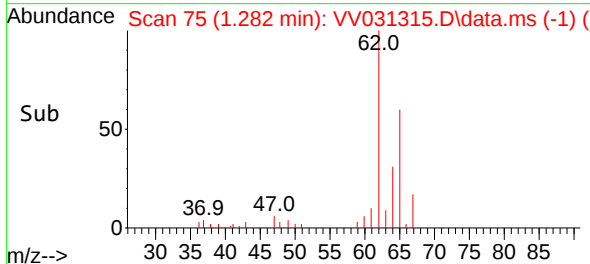
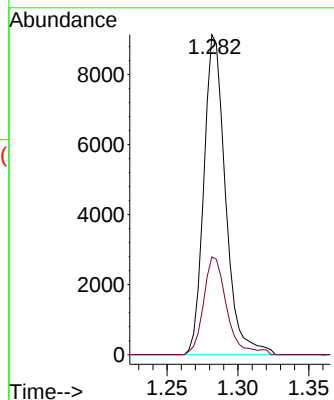
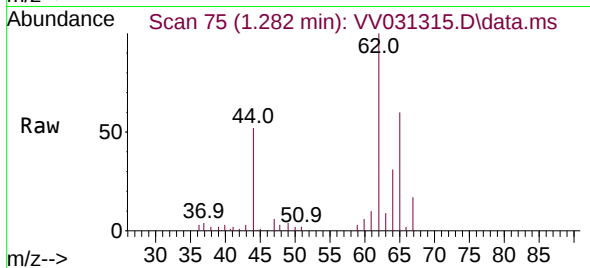




#5
 Vinyl chloride
 Concen: 0.516 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV031315.D
 Acq: 01 Jun 2023 13:58

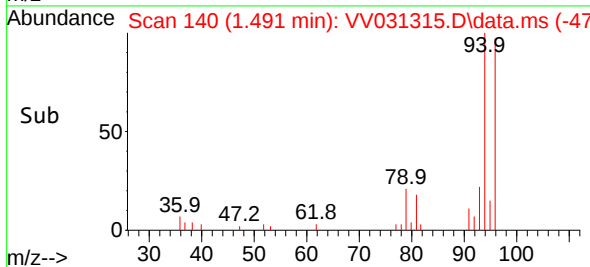
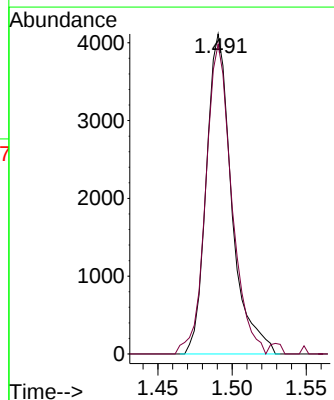
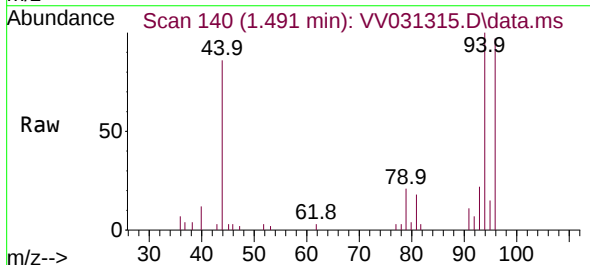
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5253

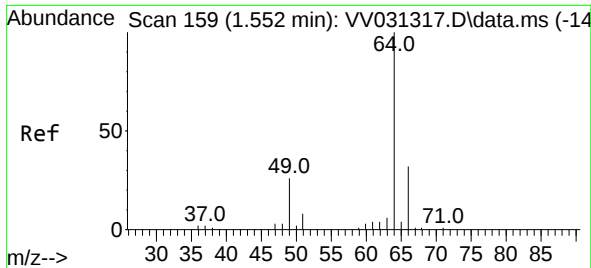
Tgt Ion: 62 Resp: 9698
 Ion Ratio Lower Upper
 62 100
 64 30.6 22.0 40.8



#6
 Bromomethane
 Concen: 0.467 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV031315.D
 Acq: 01 Jun 2023 13:58

Tgt Ion: 94 Resp: 4902
 Ion Ratio Lower Upper
 94 100
 96 96.8 63.7 118.3

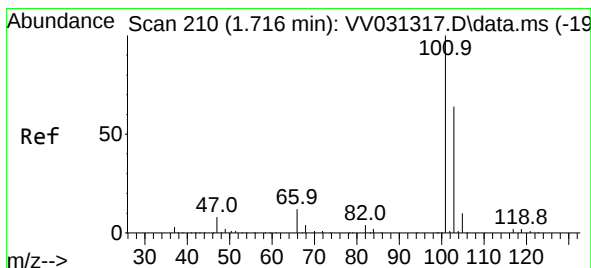
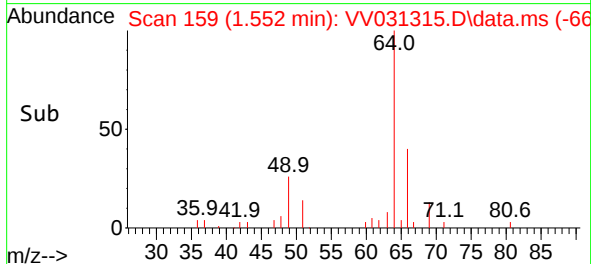
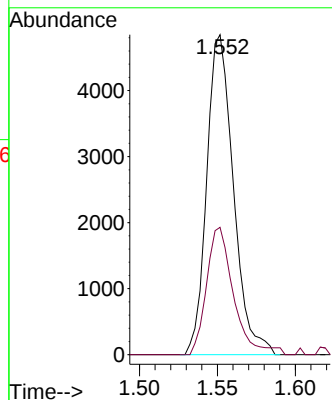
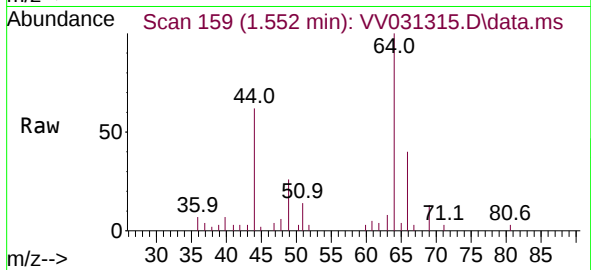




#8
Chloroethane
Concen: 0.490 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031315.D
Acq: 01 Jun 2023 13:58

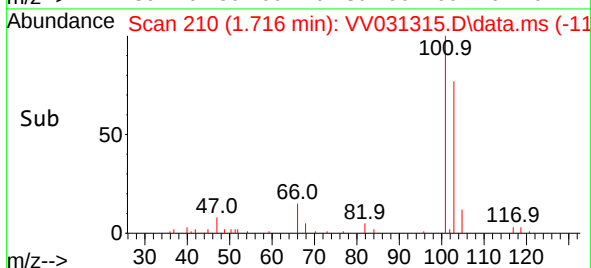
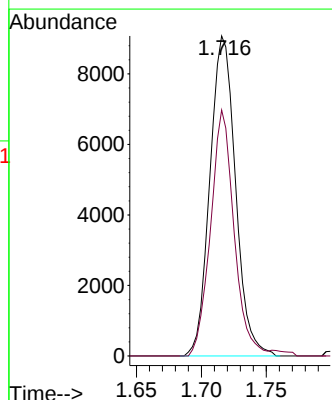
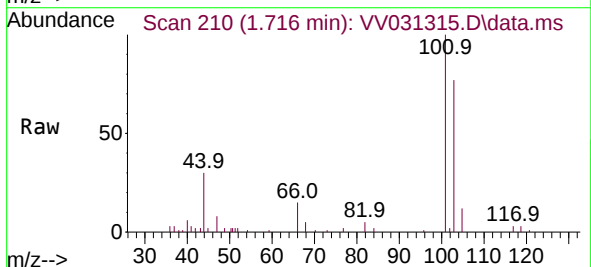
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253

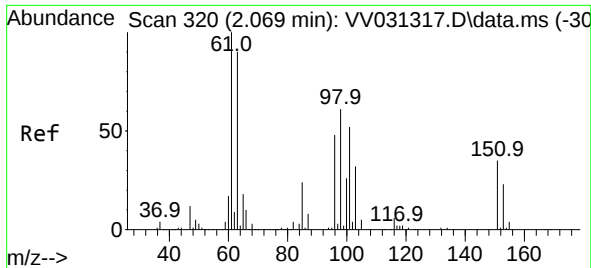
Tgt Ion: 64 Resp: 5774
Ion Ratio Lower Upper
64 100
66 39.8 22.5 41.9



#9
Trichlorofluoromethane
Concen: 0.442 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV031315.D
Acq: 01 Jun 2023 13:58

Tgt Ion: 101 Resp: 12433
Ion Ratio Lower Upper
101 100
103 70.4 51.4 77.0

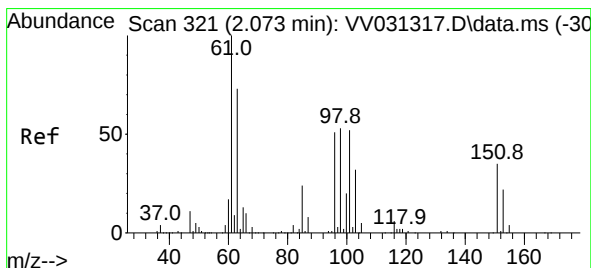
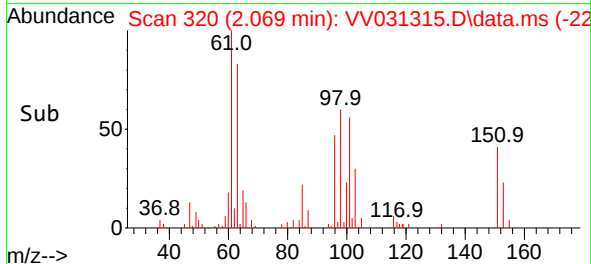
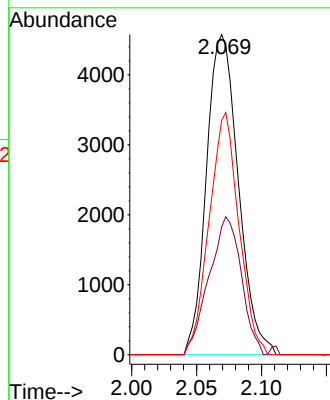
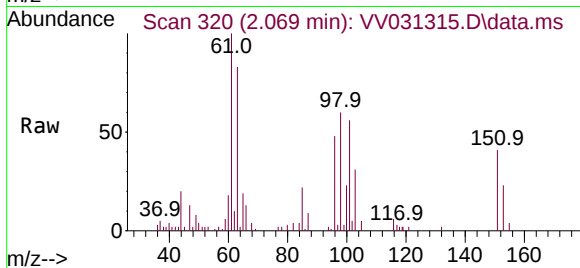




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.496 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV031315.D
 Acq: 01 Jun 2023 13:58

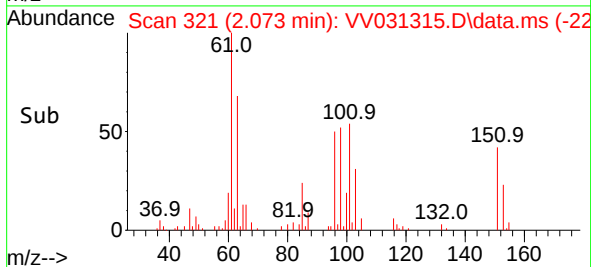
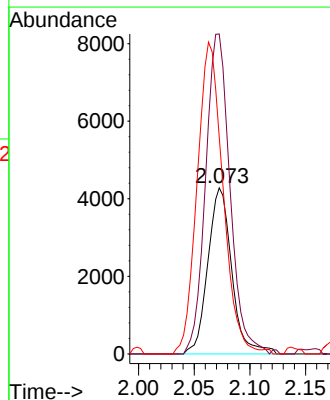
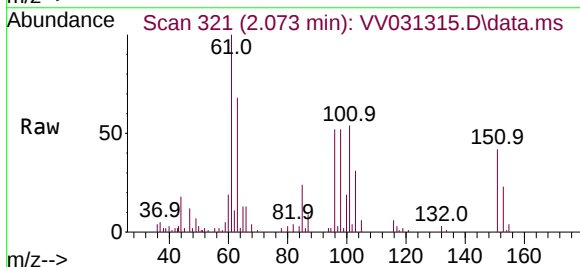
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5253

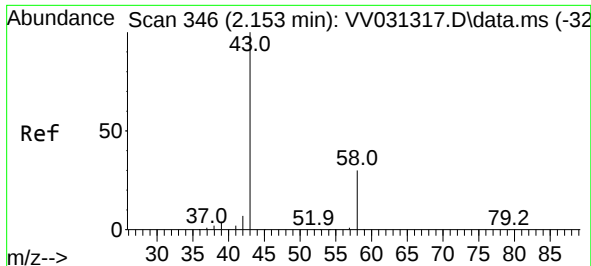
Tgt Ion:	101	Resp:	7813
Ion	Ratio	Lower	Upper
101	100		
85	43.6	37.2	55.8
151	70.4	55.5	83.3



#12
 1,1-Dichloroethene
 Concen: 0.481 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV031315.D
 Acq: 01 Jun 2023 13:58

Tgt Ion:	96	Resp:	6396
Ion	Ratio	Lower	Upper
96	100		
61	192.7	138.3	256.8
63	130.5	101.9	189.3





#13

Acetone

Concen: 1.227 ug/L

RT: 2.153 min Scan# 346

Delta R.T. -0.000 min

Lab File: VV031315.D

Acq: 01 Jun 2023 13:58

Instrument :

MSVOA_V

ClientSampleId :

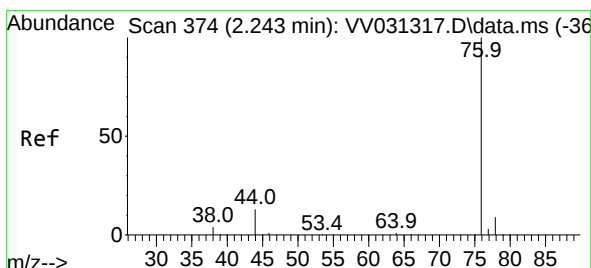
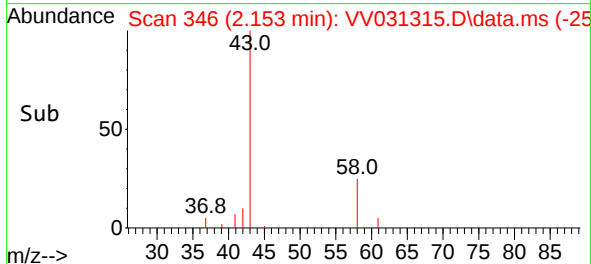
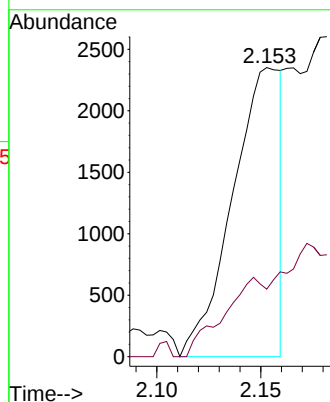
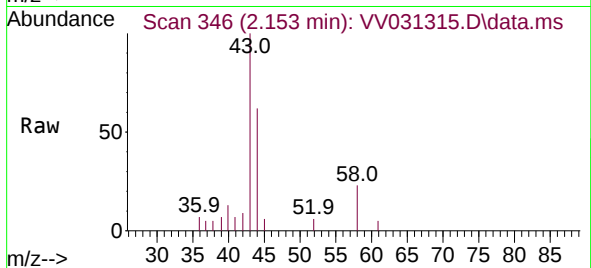
VSTD0.5253

Tgt Ion: 43 Resp: 3787

Ion Ratio Lower Upper

43 100

58 24.4 0.0 48.4



#14

Carbon disulfide

Concen: 0.453 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV031315.D

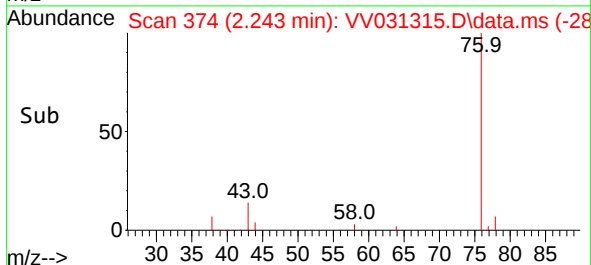
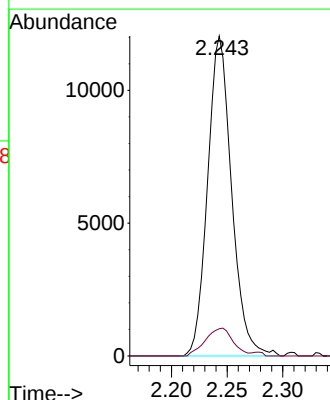
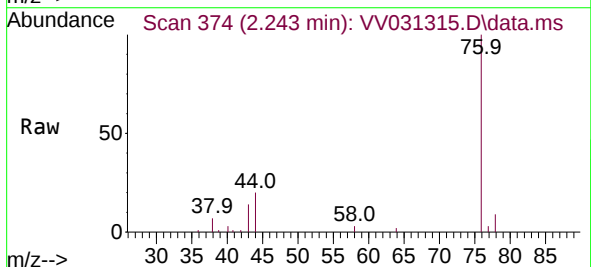
Acq: 01 Jun 2023 13:58

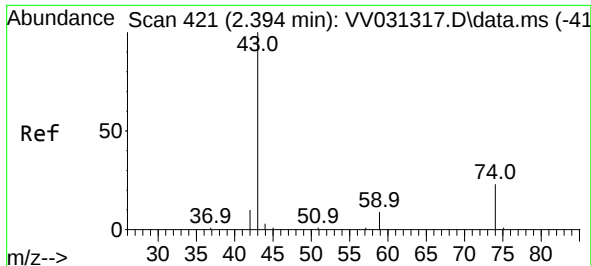
Tgt Ion: 76 Resp: 18083

Ion Ratio Lower Upper

76 100

78 8.5 7.2 10.8

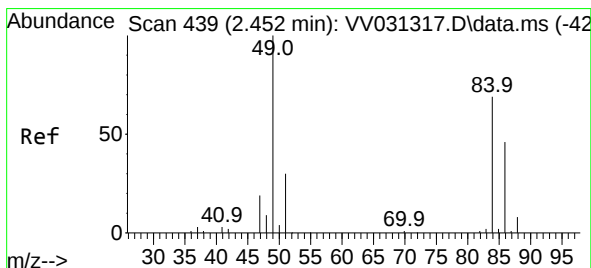
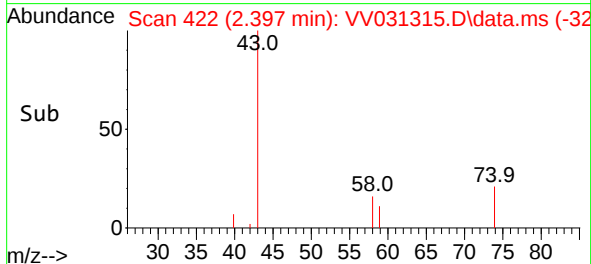
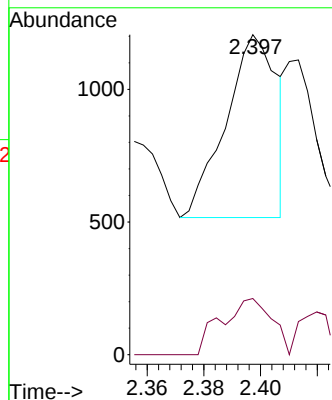
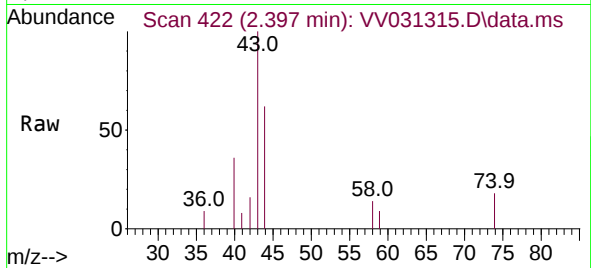




#15
Methyl Acetate
Concen: 0.154 ug/L
RT: 2.397 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV031315.D
Acq: 01 Jun 2023 13:58

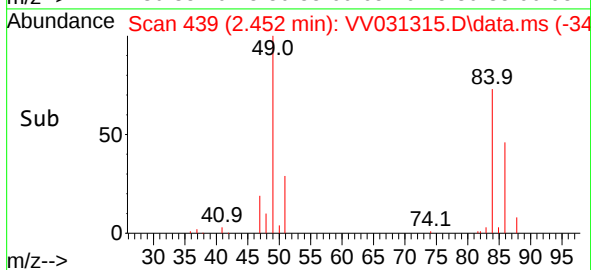
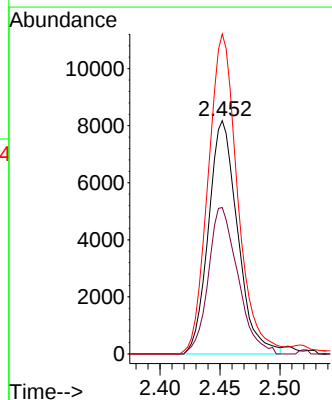
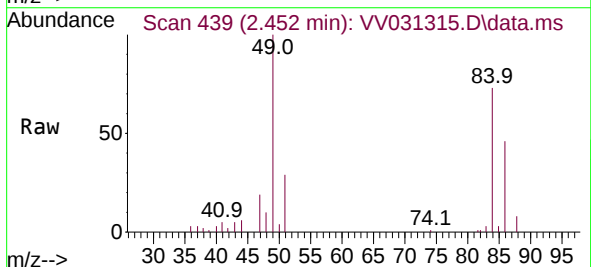
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253

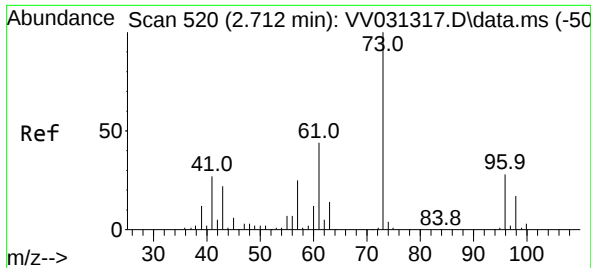
Tgt Ion: 43 Resp: 858
Ion Ratio Lower Upper
43 100
74 30.4 16.2 24.2#



#16
Methylene chloride
Concen: 0.770 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.000 min
Lab File: VV031315.D
Acq: 01 Jun 2023 13:58

Tgt Ion: 84 Resp: 13823
Ion Ratio Lower Upper
84 100
86 62.7 46.7 86.7
49 137.2 101.6 188.8

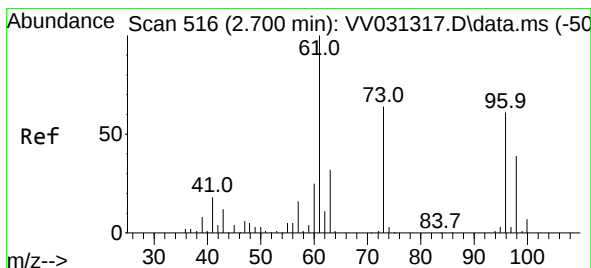
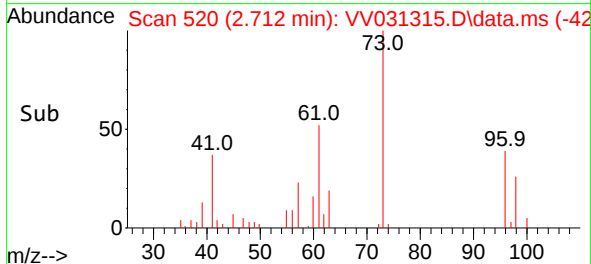
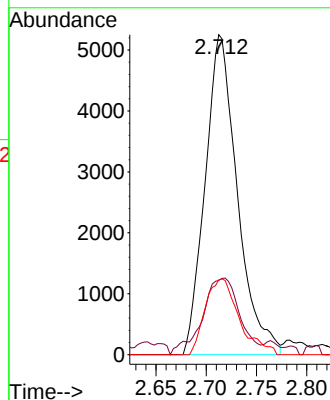
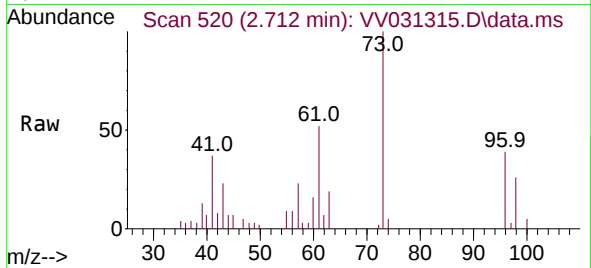




#17
Methyl tert-butyl Ether
Concen: 0.407 ug/L
RT: 2.712 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV031315.D
Acq: 01 Jun 2023 13:58

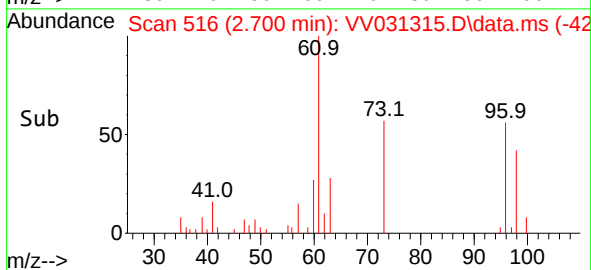
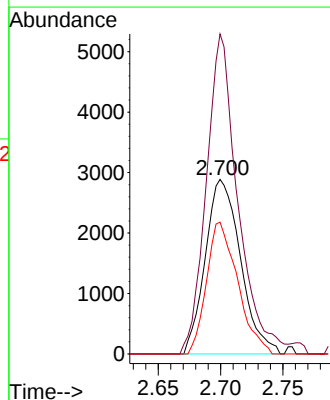
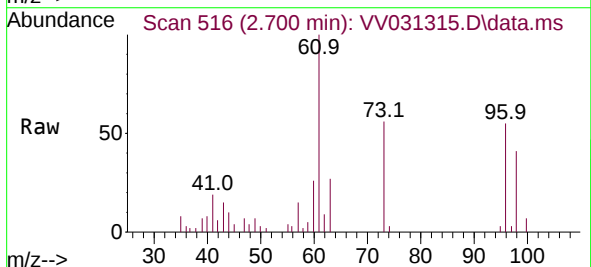
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253

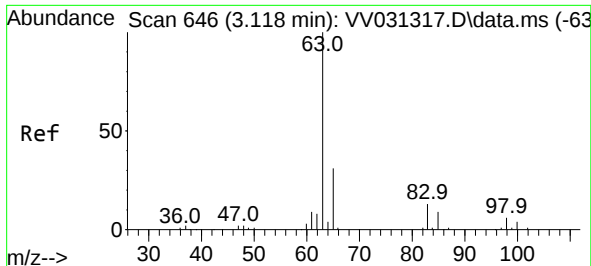
Tgt Ion: 73 Resp: 11717
Ion Ratio Lower Upper
73 100
43 27.7 17.8 26.8#
57 25.0 19.8 29.8



#18
trans-1,2-Dichloroethene
Concen: 0.452 ug/L
RT: 2.700 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV031315.D
Acq: 01 Jun 2023 13:58

Tgt Ion: 96 Resp: 5681
Ion Ratio Lower Upper
96 100
61 183.4 114.2 212.0
98 75.6 45.0 83.6





#19

1,1-Dichloroethane

Concen: 0.452 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV031315.D

Acq: 01 Jun 2023 13:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5253

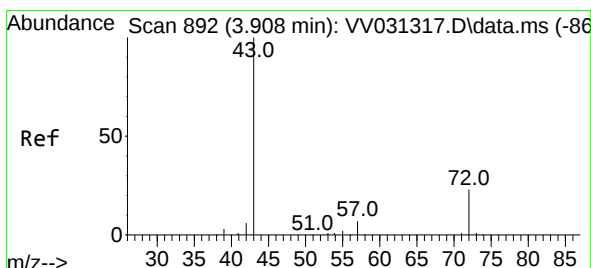
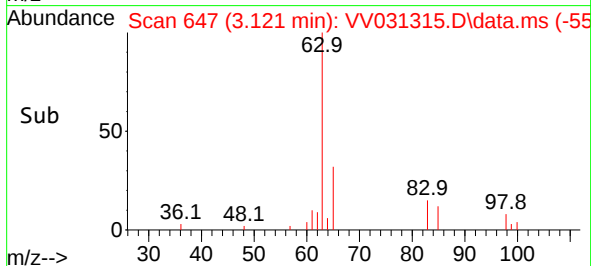
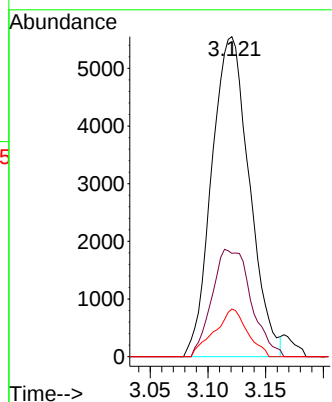
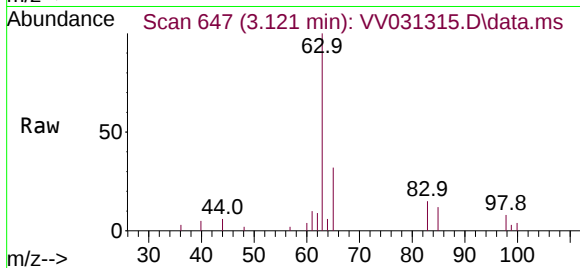
Tgt Ion: 63 Resp: 12571

Ion Ratio Lower Upper

63 100

65 32.3 22.0 40.8

83 14.9 9.0 16.6



#21

2-Butanone

Concen: 0.748 ug/L

RT: 3.947 min Scan# 904

Delta R.T. 0.039 min

Lab File: VV031315.D

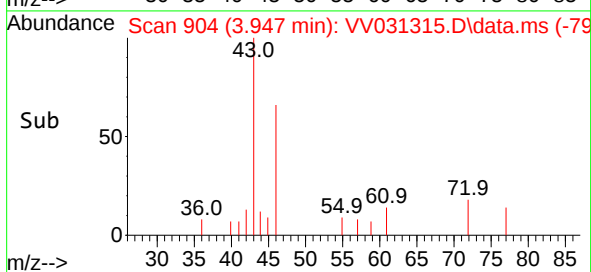
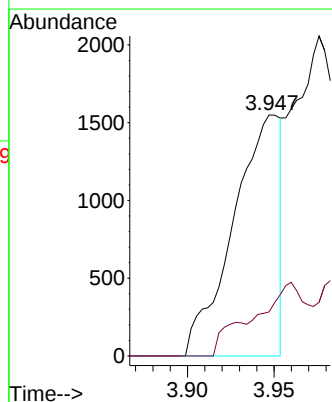
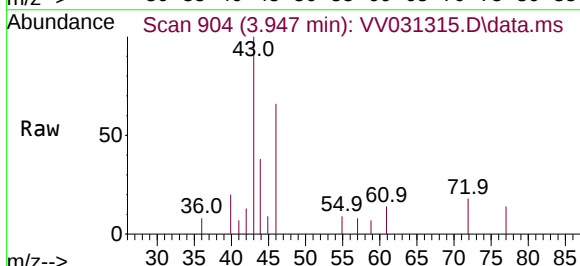
Acq: 01 Jun 2023 13:58

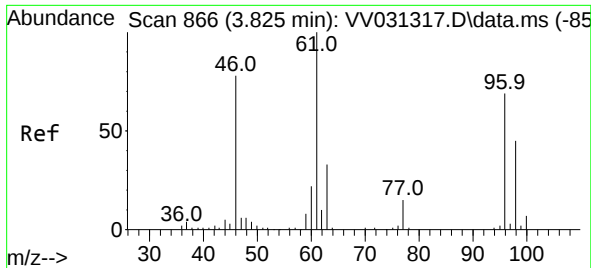
Tgt Ion: 43 Resp: 2936

Ion Ratio Lower Upper

43 100

72 34.8 7.8 23.5#

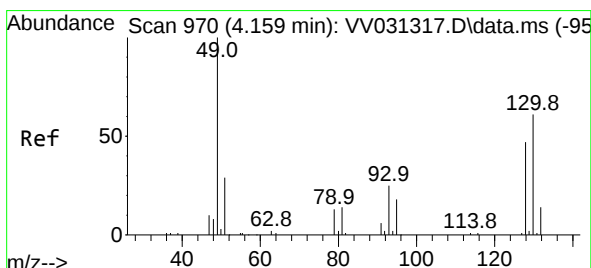
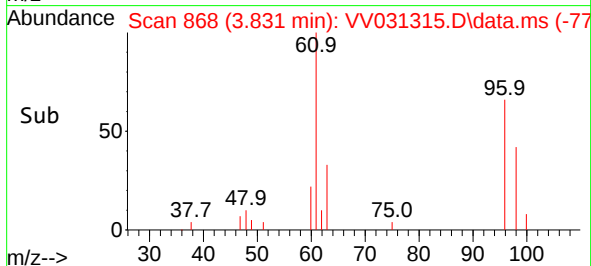
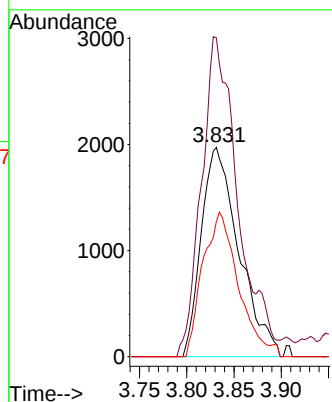
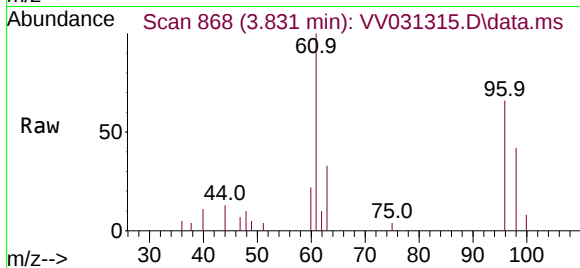




#22
 cis-1,2-Dichloroethene
 Concen: 0.417 ug/L
 RT: 3.831 min Scan# 868
 Delta R.T. 0.006 min
 Lab File: VV031315.D
 Acq: 01 Jun 2023 13:58

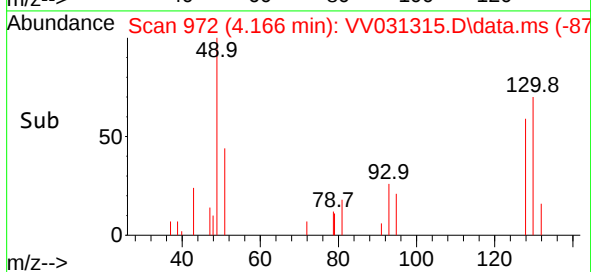
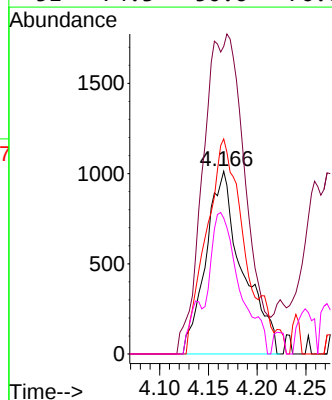
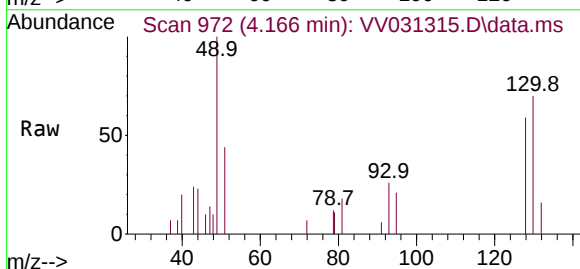
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5253

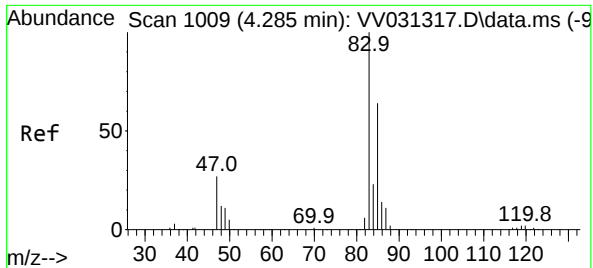
Tgt Ion: 96	Resp:	5460	
Ion	Ratio	Lower	Upper
96	100		
61	152.4	100.8	187.2
98	64.6	45.1	83.9



#23
 Bromochloromethane
 Concen: 0.448 ug/L
 RT: 4.166 min Scan# 972
 Delta R.T. 0.006 min
 Lab File: VV031315.D
 Acq: 01 Jun 2023 13:58

Tgt	Ion:128	Resp:	2642
Ion	Ratio	Lower	Upper
128	100		
49	168.3	148.1	275.0
130	117.7	89.9	166.9
51	74.3	50.6	76.0





#25

Chloroform

Concen: 0.482 ug/L

RT: 4.291 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV031315.D

Acq: 01 Jun 2023 13:58

Instrument :

MSVOA_V

ClientSampleId :

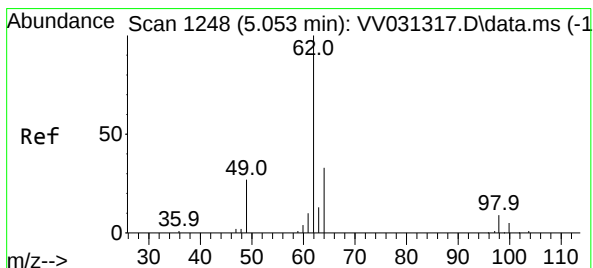
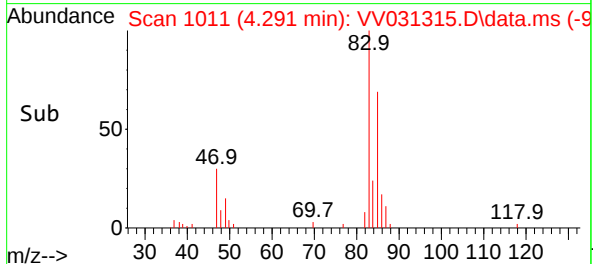
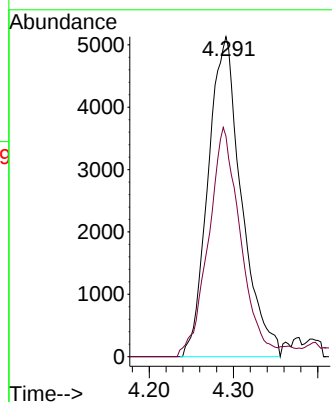
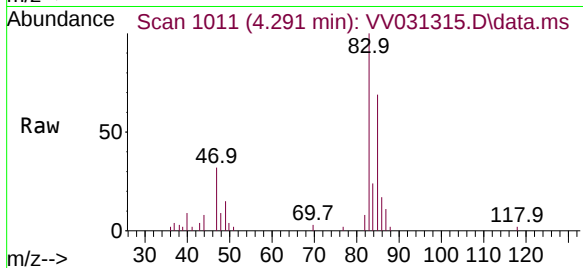
VSTD0.5253

Tgt Ion: 83 Resp: 14086

Ion Ratio Lower Upper

83 100

85 68.9 44.9 83.3



#27

1,2-Dichloroethane

Concen: 0.489 ug/L

RT: 5.063 min Scan# 1251

Delta R.T. 0.010 min

Lab File: VV031315.D

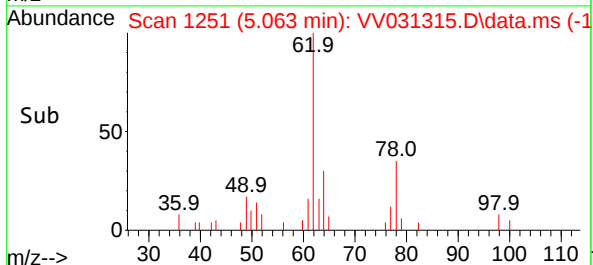
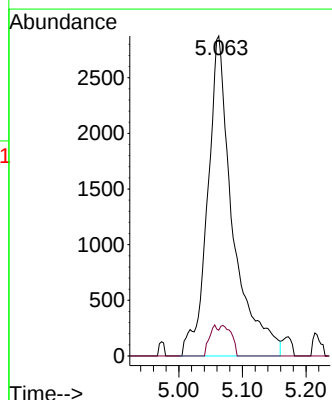
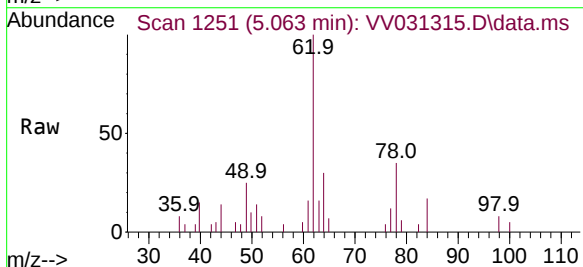
Acq: 01 Jun 2023 13:58

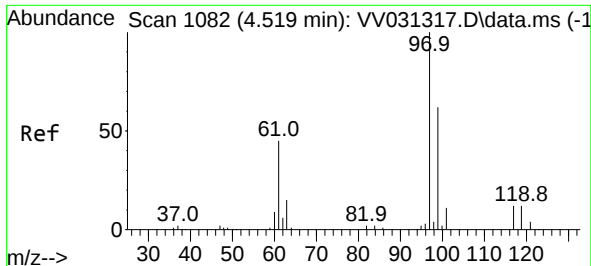
Tgt Ion: 62 Resp: 7895

Ion Ratio Lower Upper

62 100

98 8.0 7.2 10.8





#29

1,1,1-Trichloroethane

Concen: 0.473 ug/L

RT: 4.516 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VV031315.D

Acq: 01 Jun 2023 13:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5253

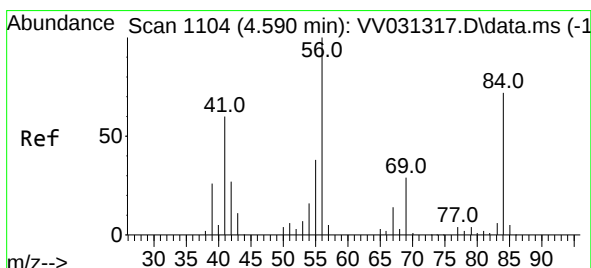
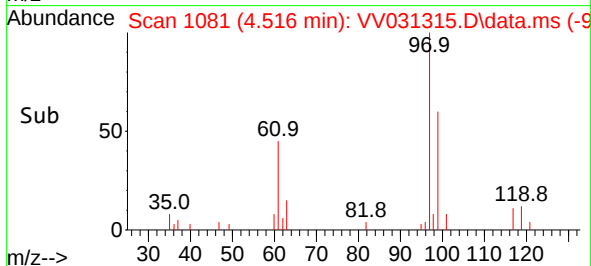
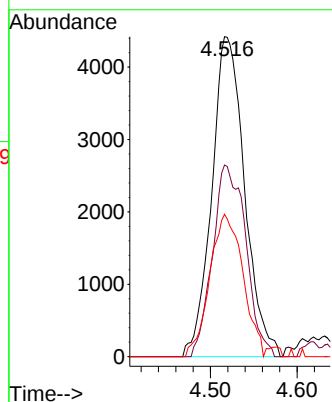
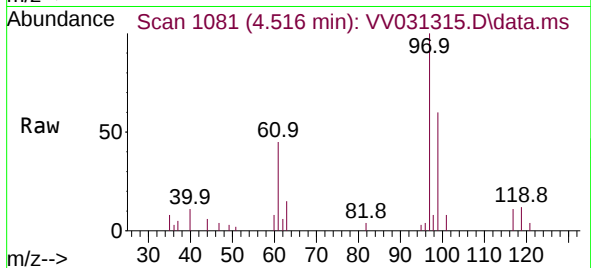
Tgt Ion: 97 Resp: 11661

Ion Ratio Lower Upper

97 100

99 60.5 52.2 78.4

61 45.1 36.4 54.6



#30

Cyclohexane

Concen: 0.365 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VV031315.D

Acq: 01 Jun 2023 13:58

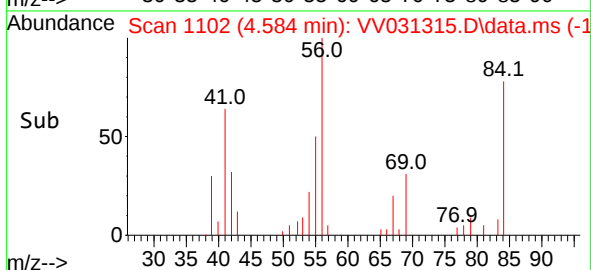
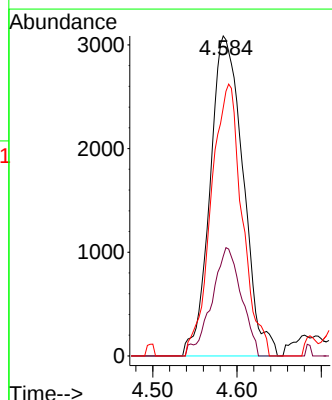
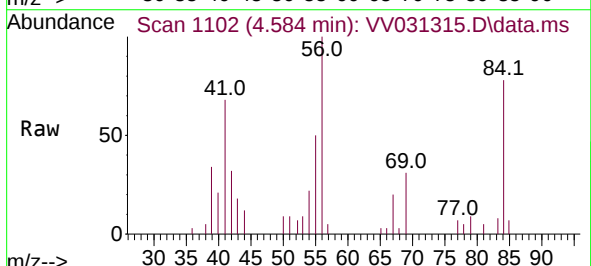
Tgt Ion: 56 Resp: 8373

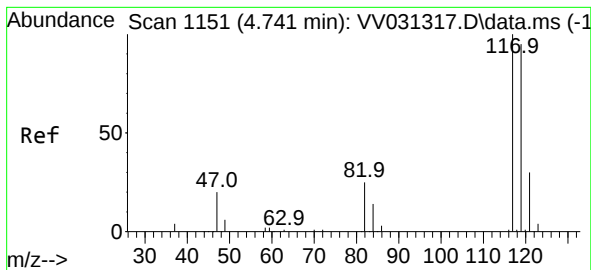
Ion Ratio Lower Upper

56 100

69 30.3 23.2 34.8

84 79.8 58.5 87.7





#31

Carbon tetrachloride

Concen: 0.456 ug/L

RT: 4.744 min Scan# 1151

Delta R.T. 0.003 min

Lab File: VV031315.D

Acq: 01 Jun 2023 13:58

Instrument :

MSVOA_V

ClientSampleId :

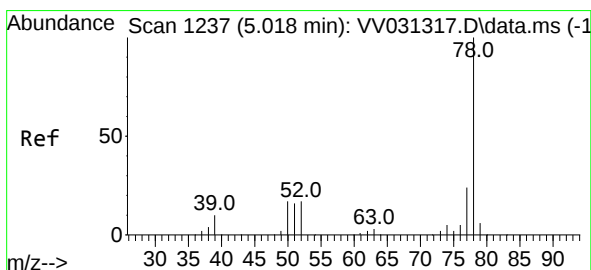
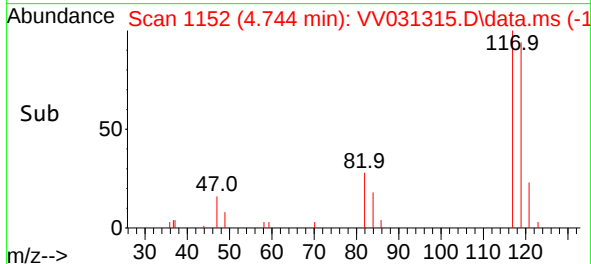
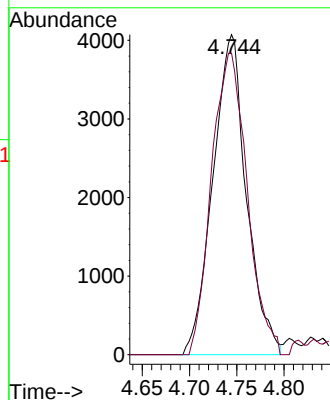
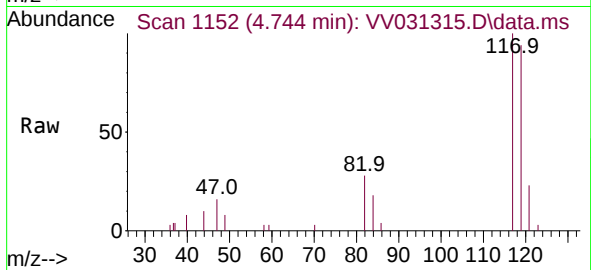
VSTD0.5253

Tgt Ion:117 Resp: 10065

Ion Ratio Lower Upper

117 100

119 100.0 76.3 114.5



#33

Benzene

Concen: 0.392 ug/L

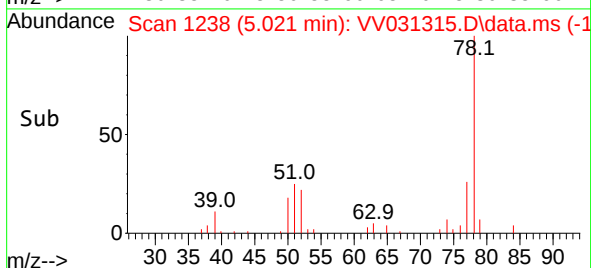
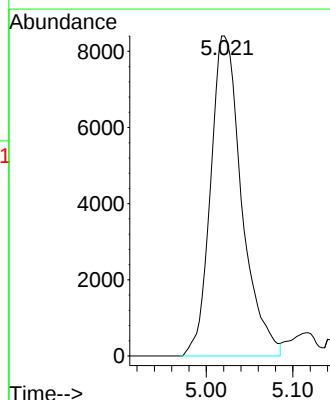
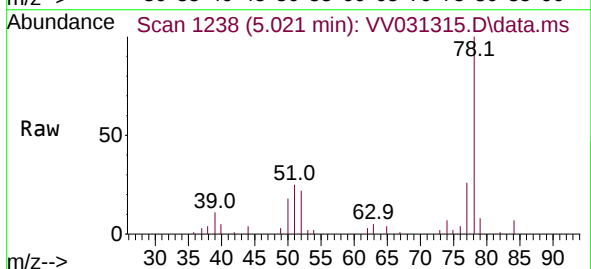
RT: 5.021 min Scan# 1238

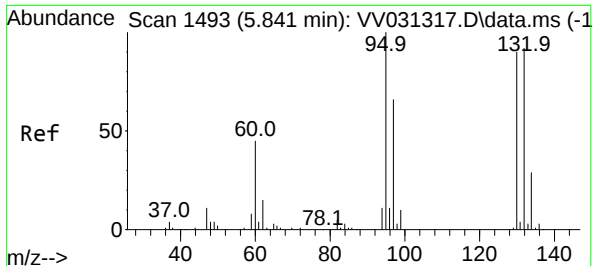
Delta R.T. 0.003 min

Lab File: VV031315.D

Acq: 01 Jun 2023 13:58

Tgt Ion: 78 Resp: 21013



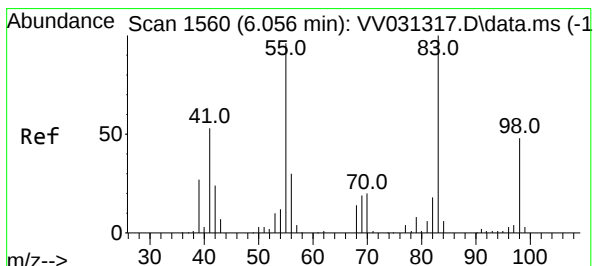
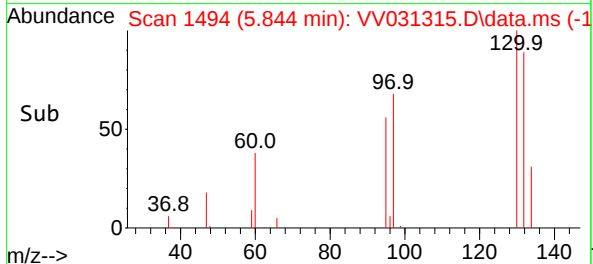
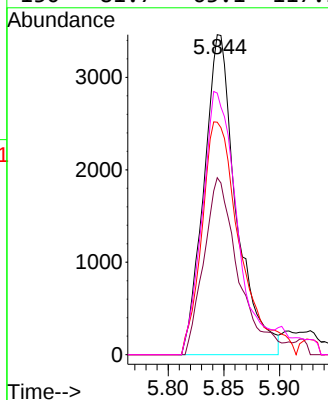
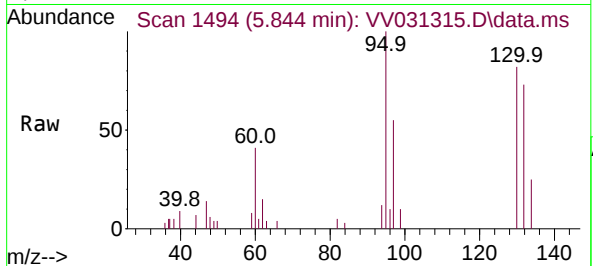


#34
Trichloroethene
Concen: 0.476 ug/L
RT: 5.844 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV031315.D
Acq: 01 Jun 2023 13:58

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253

Tgt Ion: 95 Resp: 6998

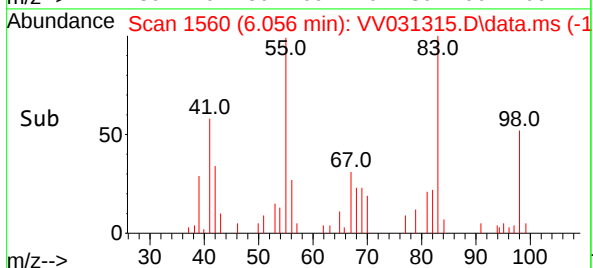
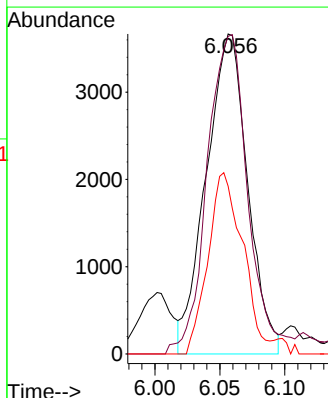
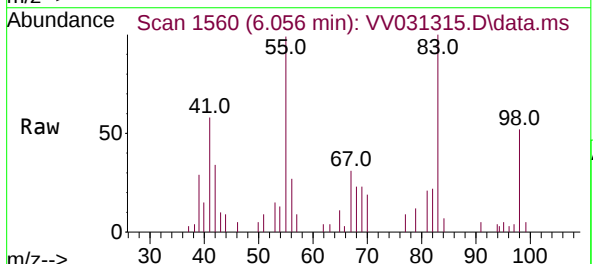
Ion	Ratio	Lower	Upper
95	100		
97	55.3	46.1	85.5
132	72.6	64.5	119.9
130	81.7	63.1	117.1

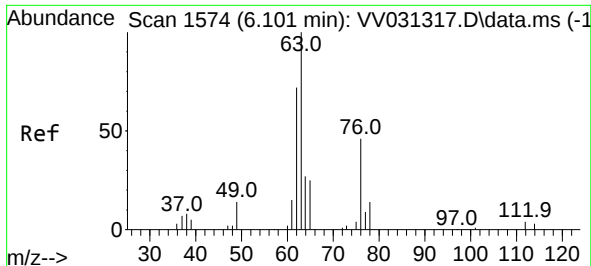


#35
Methylcyclohexane
Concen: 0.374 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. 0.000 min
Lab File: VV031315.D
Acq: 01 Jun 2023 13:58

Tgt Ion: 83 Resp: 8136

Ion	Ratio	Lower	Upper
83	100		
55	98.2	74.6	112.0
98	47.5	36.5	54.7





#37

1,2-Dichloropropane

Concen: 0.462 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV031315.D

Acq: 01 Jun 2023 13:58

Instrument :

MSVOA_V

ClientSampleId :

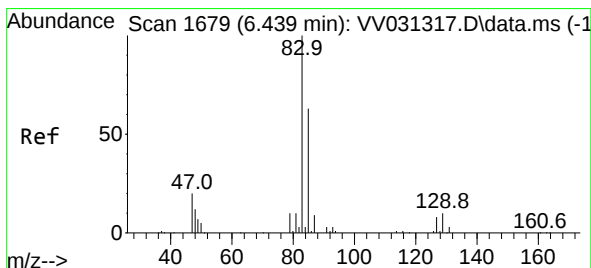
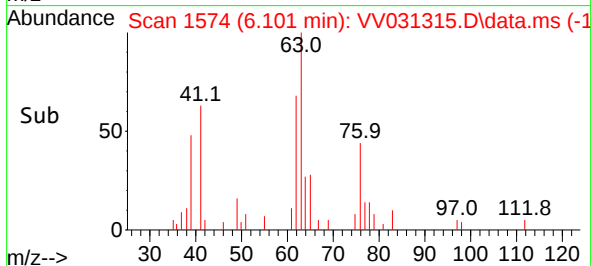
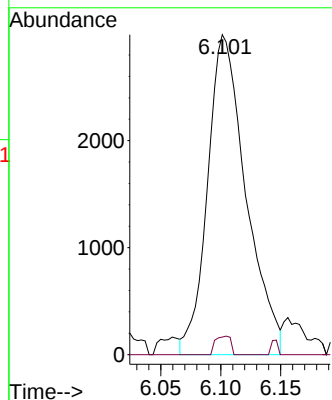
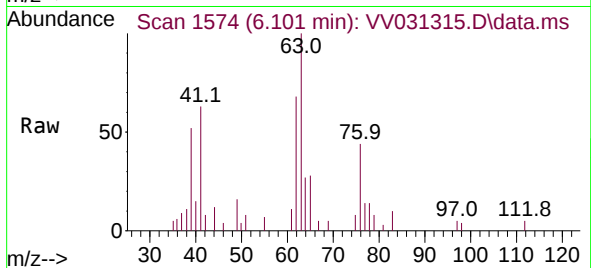
VSTD0.5253

Tgt Ion: 63 Resp: 6662

Ion Ratio Lower Upper

63 100

112 2.3 3.8 5.6#



#38

Bromodichloromethane

Concen: 0.480 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.003 min

Lab File: VV031315.D

Acq: 01 Jun 2023 13:58

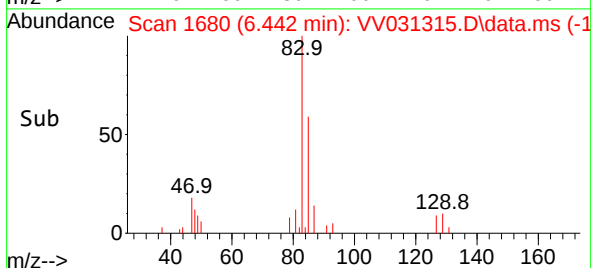
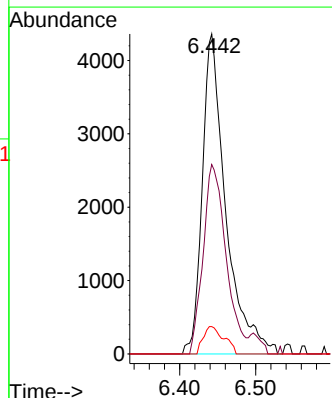
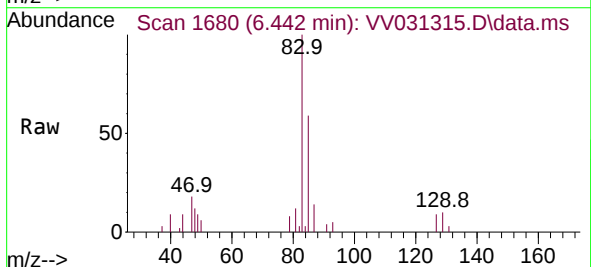
Tgt Ion: 83 Resp: 9348

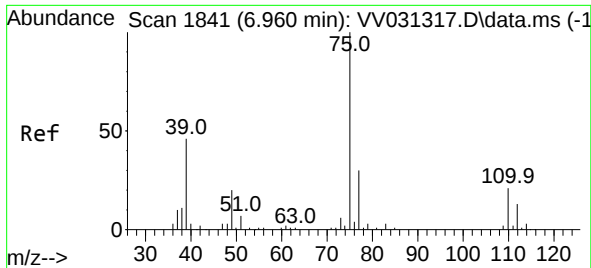
Ion Ratio Lower Upper

83 100

85 59.2 44.3 82.3

127 8.5 6.5 9.7

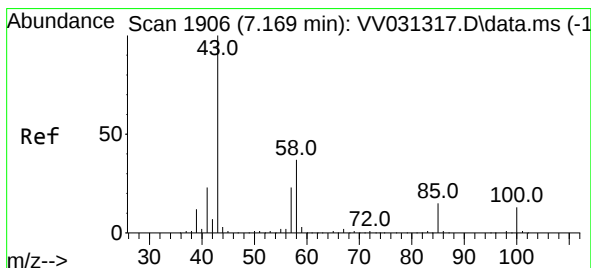
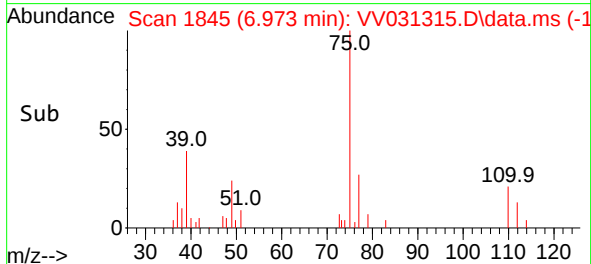
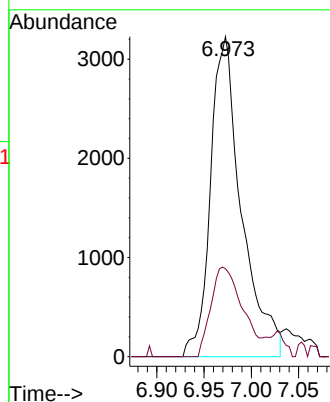
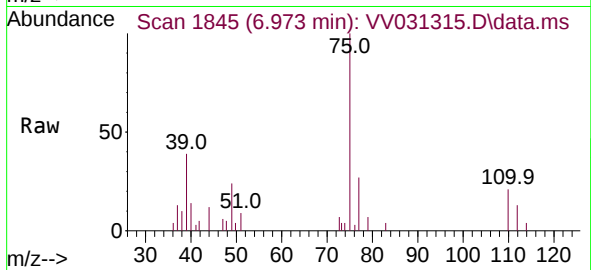




#39
 cis-1,3-Dichloropropene
 Concen: 0.374 ug/L
 RT: 6.973 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VV031315.D
 Acq: 01 Jun 2023 13:58

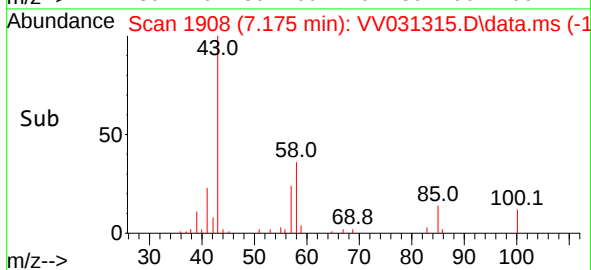
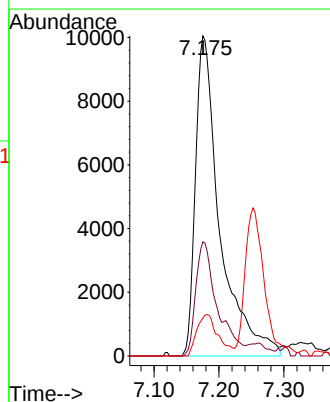
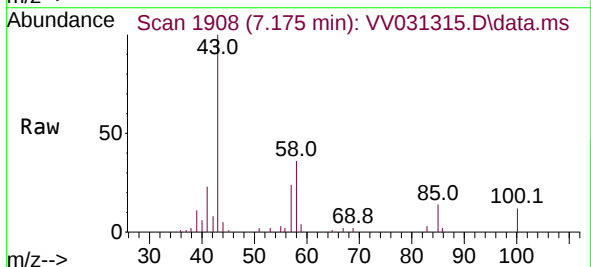
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5253

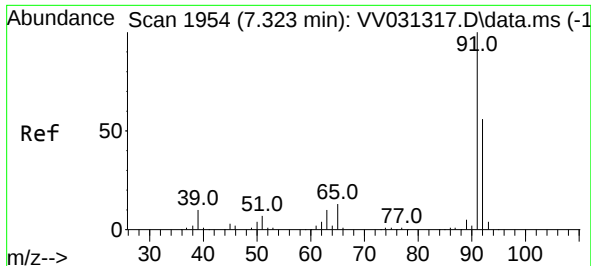
Tgt Ion: 75 Resp: 7344
 Ion Ratio Lower Upper
 75 100
 77 27.5 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 3.034 ug/L
 RT: 7.175 min Scan# 1908
 Delta R.T. 0.006 min
 Lab File: VV031315.D
 Acq: 01 Jun 2023 13:58

Tgt Ion: 43 Resp: 26227
 Ion Ratio Lower Upper
 43 100
 58 31.5 30.2 45.4
 100 11.4 9.0 13.6





#42

Toluene

Concen: 0.365 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VV031315.D

Acq: 01 Jun 2023 13:58

Instrument :

MSVOA_V

ClientSampleId :

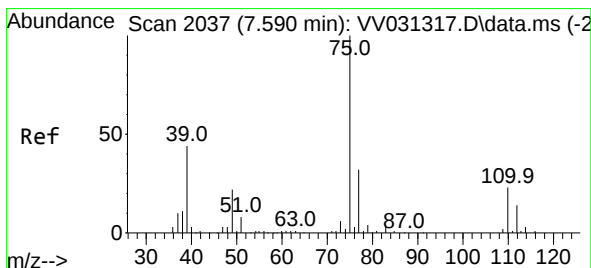
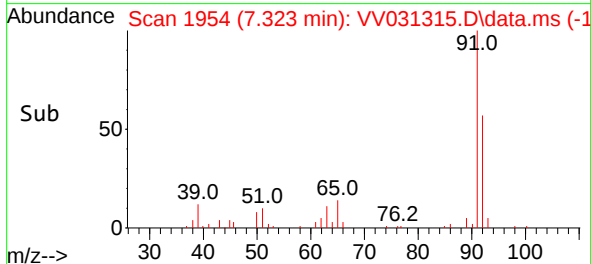
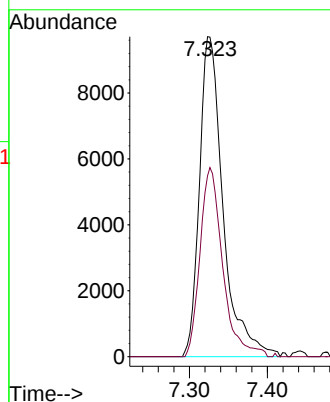
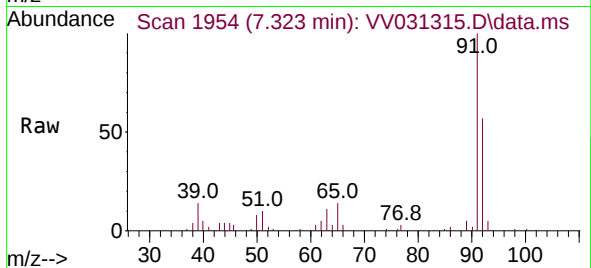
VSTD0.5253

Tgt Ion: 91 Resp: 20453

Ion Ratio Lower Upper

91 100

92 56.6 39.2 72.8



#44

trans-1,3-Dichloropropene

Concen: 0.378 ug/L

RT: 7.600 min Scan# 2040

Delta R.T. 0.010 min

Lab File: VV031315.D

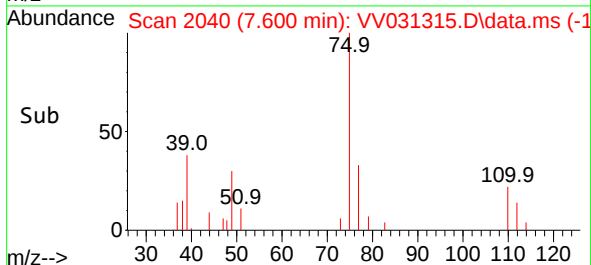
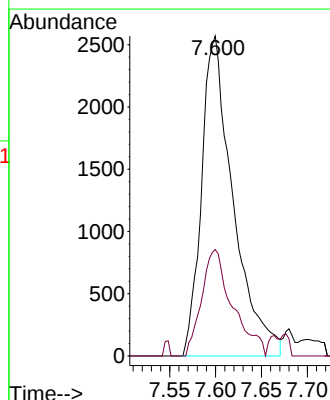
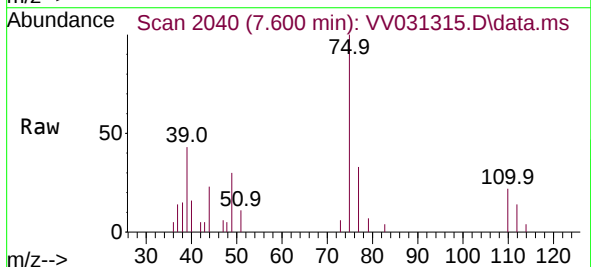
Acq: 01 Jun 2023 13:58

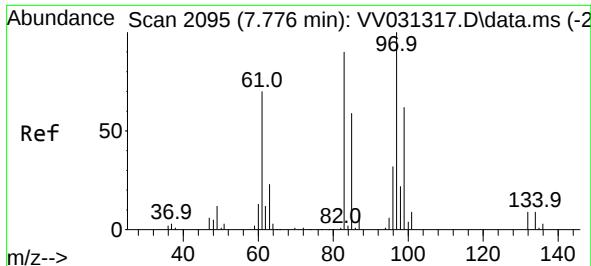
Tgt Ion: 75 Resp: 6163

Ion Ratio Lower Upper

75 100

77 33.2 22.8 42.4



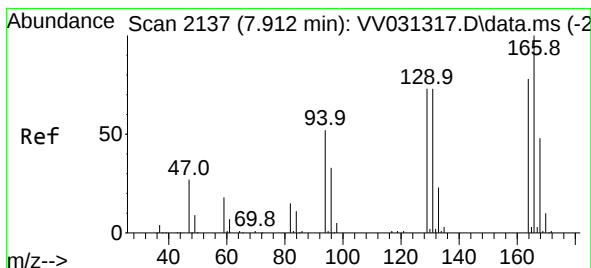
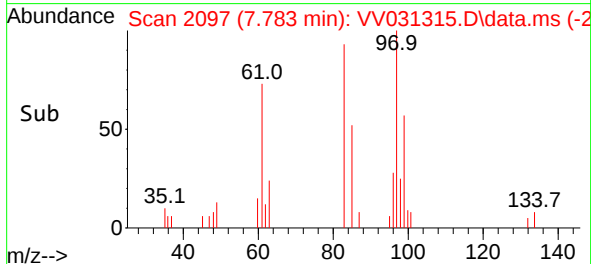
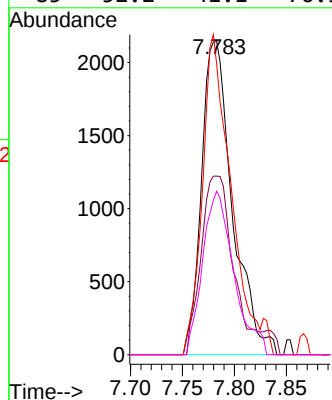
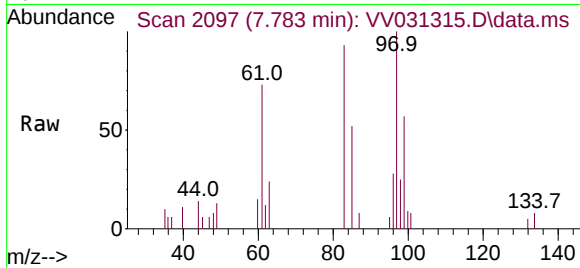


#45
1,1,2-Trichloroethane
Concen: 0.442 ug/L
RT: 7.783 min Scan# 2095
Delta R.T. 0.006 min
Lab File: VV031315.D
Acq: 01 Jun 2023 13:58

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253

Tgt Ion: 97 Resp: 4465

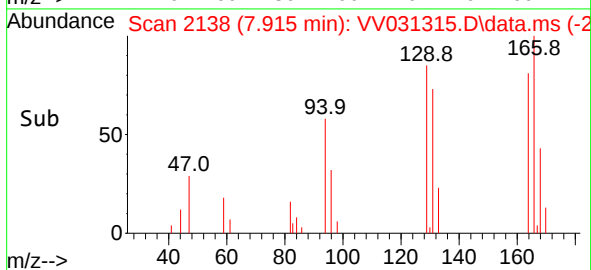
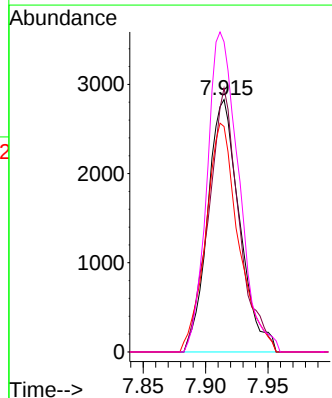
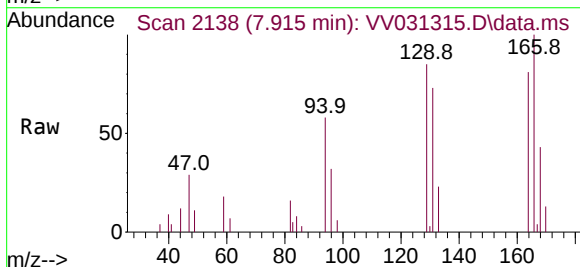
Ion	Ratio	Lower	Upper
97	100		
99	57.0	43.1	80.1
83	92.7	63.1	117.1
85	52.2	41.1	76.3

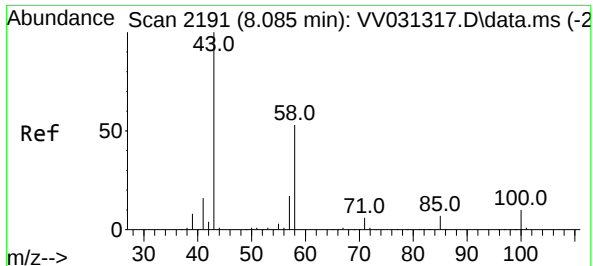


#47
Tetrachloroethene
Concen: 0.450 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV031315.D
Acq: 01 Jun 2023 13:58

Tgt Ion: 164 Resp: 5038

Ion	Ratio	Lower	Upper
164	100		
129	104.6	66.0	122.6
131	89.4	65.3	121.3
166	122.9	90.1	167.3

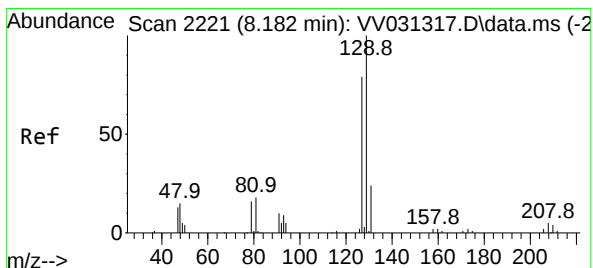
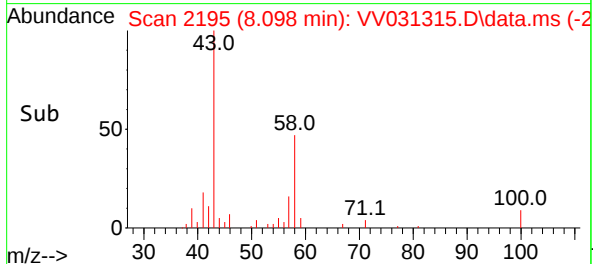
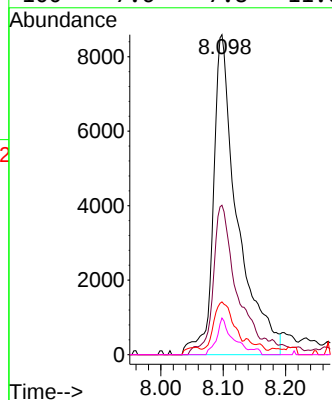
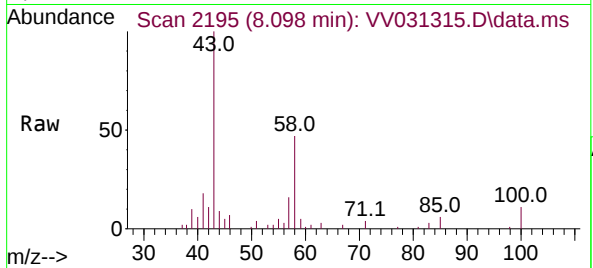




#48
2-Hexanone
Concen: 3.511 ug/L
RT: 8.098 min Scan# 2191
Delta R.T. 0.013 min
Lab File: VV031315.D
Acq: 01 Jun 2023 13:58

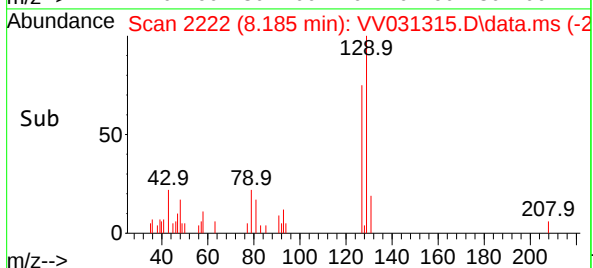
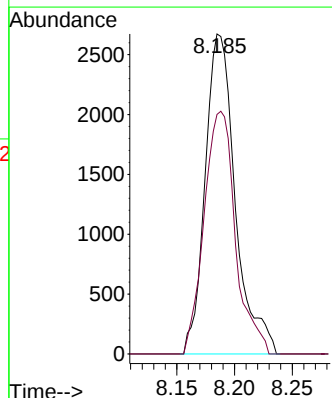
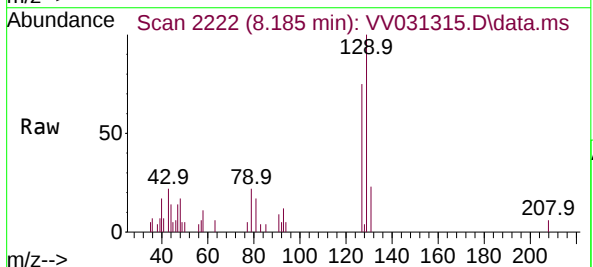
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253

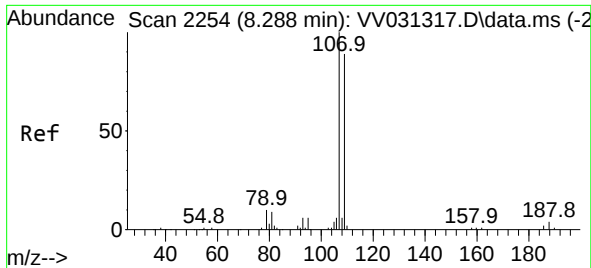
Tgt Ion: 43	Resp: 23036
Ion Ratio	Lower Upper
43 100	
58 45.0	41.1 61.7
57 12.3	14.4 21.6#
100 7.6	7.8 11.6#



#49
Dibromochloromethane
Concen: 0.425 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.003 min
Lab File: VV031315.D
Acq: 01 Jun 2023 13:58

Tgt Ion: 129	Resp: 4858
Ion Ratio	Lower Upper
129 100	
127 74.9	55.0 102.2

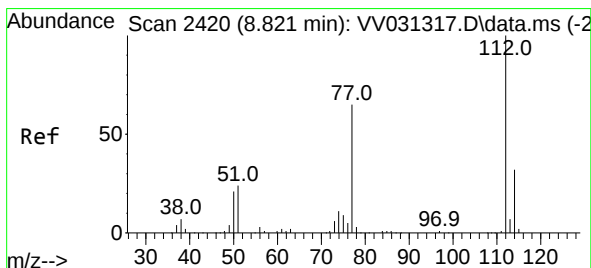
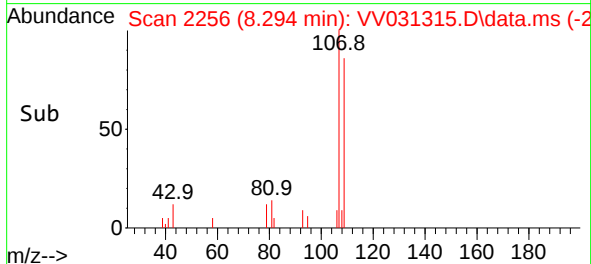
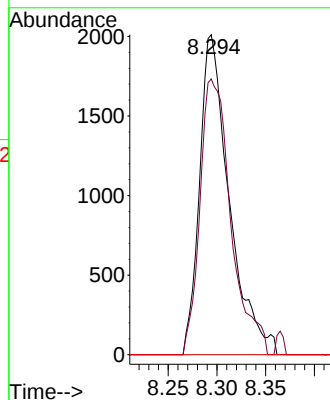
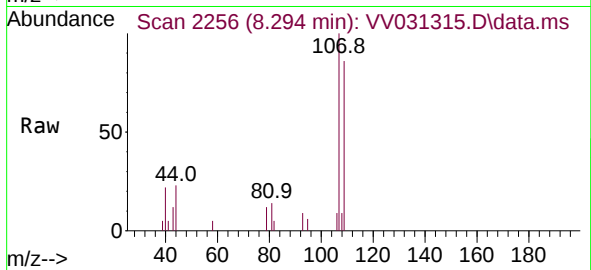




#50
1,2-Dibromoethane
Concen: 0.440 ug/L
RT: 8.294 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV031315.D
Acq: 01 Jun 2023 13:58

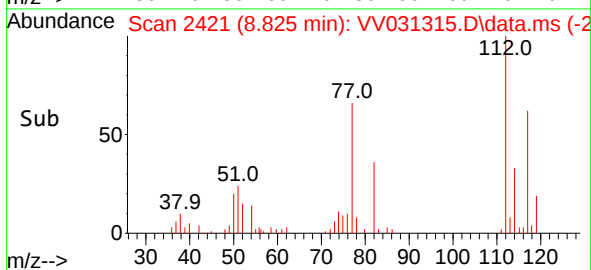
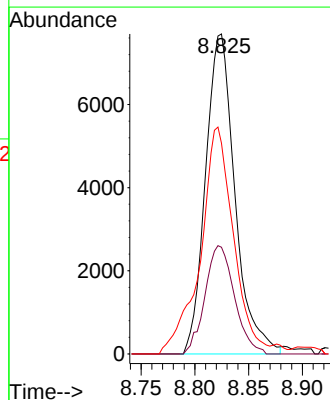
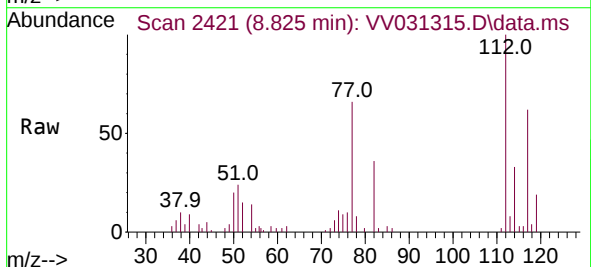
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253

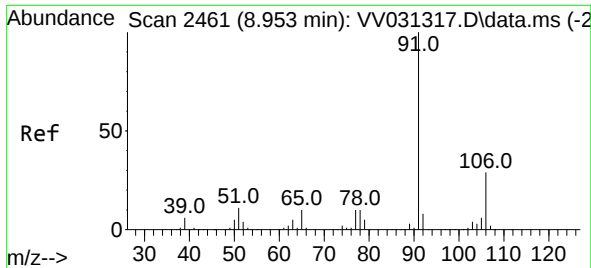
Tgt Ion:107 Resp: 4262
Ion Ratio Lower Upper
107 100
109 86.2 62.2 115.4
188 0.0 3.0 4.4#



#51
Chlorobenzene
Concen: 0.426 ug/L
RT: 8.825 min Scan# 2421
Delta R.T. 0.003 min
Lab File: VV031315.D
Acq: 01 Jun 2023 13:58

Tgt Ion:112 Resp: 14646
Ion Ratio Lower Upper
112 100
114 33.4 22.7 42.1
77 65.9 52.2 78.2





#52

Ethylbenzene

Concen: 0.372 ug/L

RT: 8.956 min Scan# 2461

Delta R.T. 0.003 min

Lab File: VV031315.D

Acq: 01 Jun 2023 13:58

Instrument :

MSVOA_V

ClientSampleId :

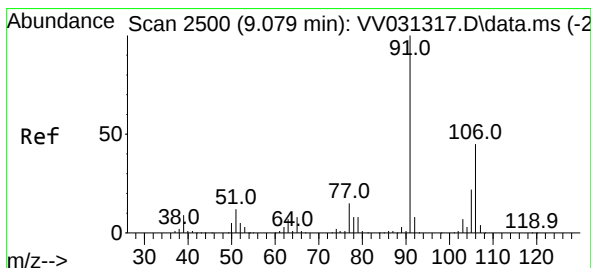
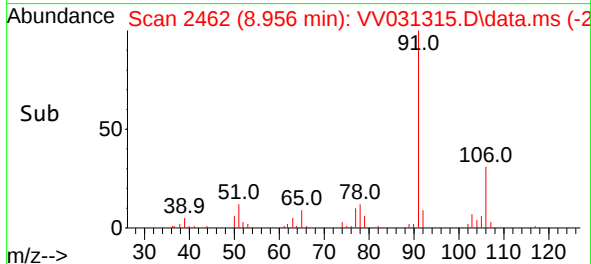
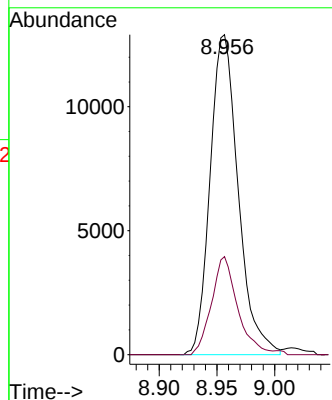
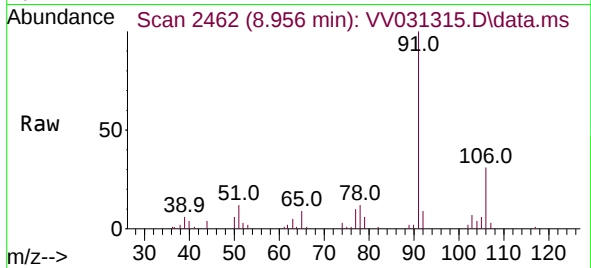
VSTD0.5253

Tgt Ion: 91 Resp: 21860

Ion Ratio Lower Upper

91 100

106 30.6 20.0 37.2



#53

m,p-Xylene

Concen: 0.359 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.003 min

Lab File: VV031315.D

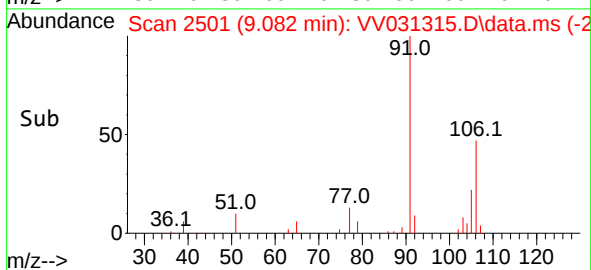
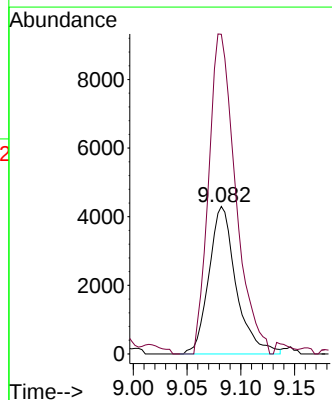
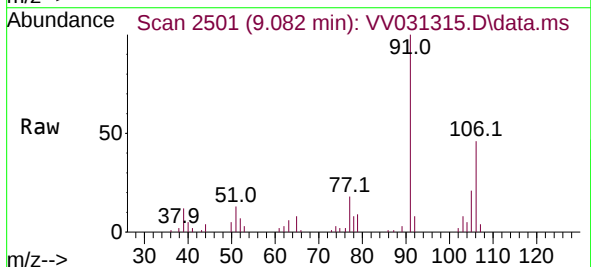
Acq: 01 Jun 2023 13:58

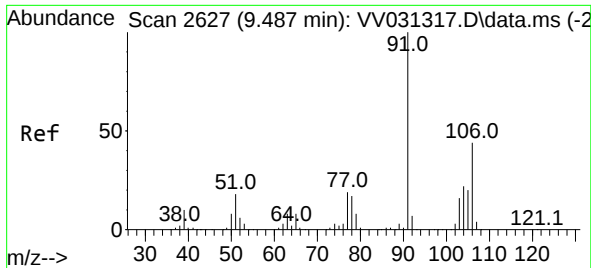
Tgt Ion: 106 Resp: 7579

Ion Ratio Lower Upper

106 100

91 216.7 154.3 286.5

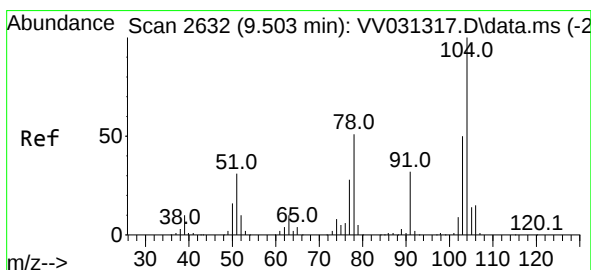
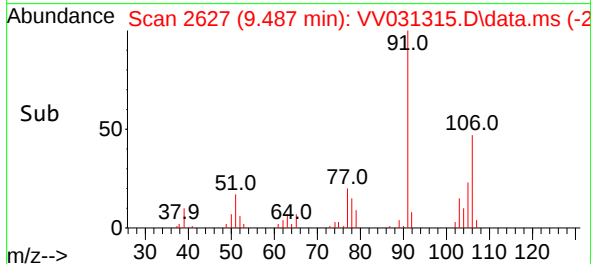
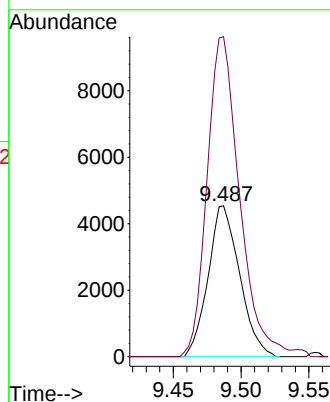
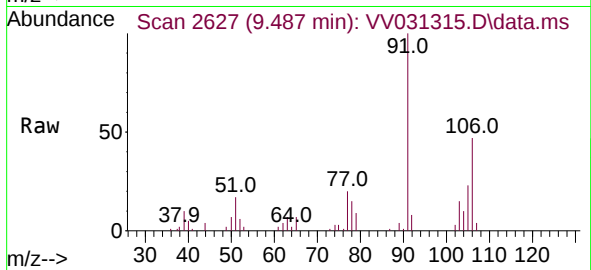




#54
o-Xylene
Concen: 0.369 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV031315.D
Acq: 01 Jun 2023 13:58

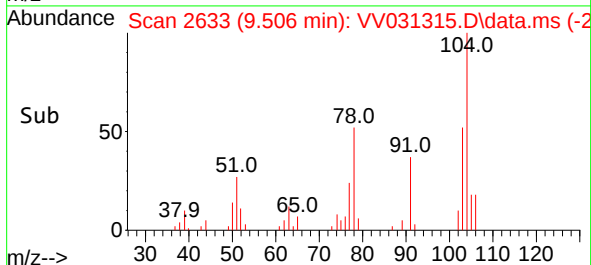
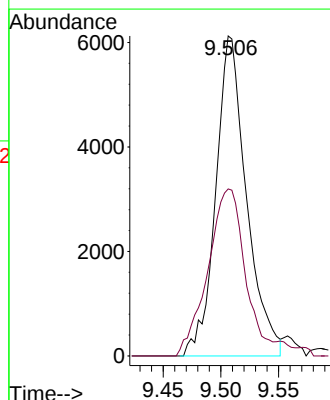
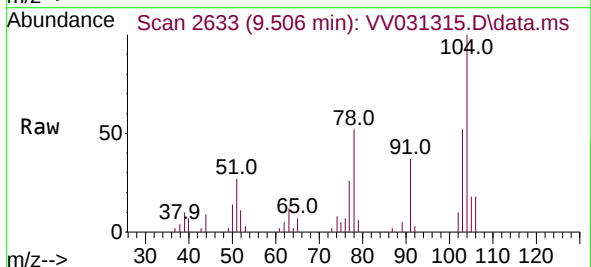
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253

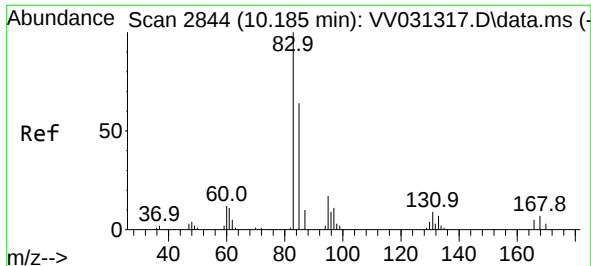
Tgt Ion:106 Resp: 7338
Ion Ratio Lower Upper
106 100
91 212.1 159.0 295.4



#55
Styrene
Concen: 0.322 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.003 min
Lab File: VV031315.D
Acq: 01 Jun 2023 13:58

Tgt Ion:104 Resp: 11329
Ion Ratio Lower Upper
104 100
78 52.2 35.9 66.7





#57

1,1,2,2-Tetrachloroethane

Concen: 0.416 ug/L

RT: 10.188 min Scan# 2845

Delta R.T. 0.003 min

Lab File: VV031315.D

Acq: 01 Jun 2023 13:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5253

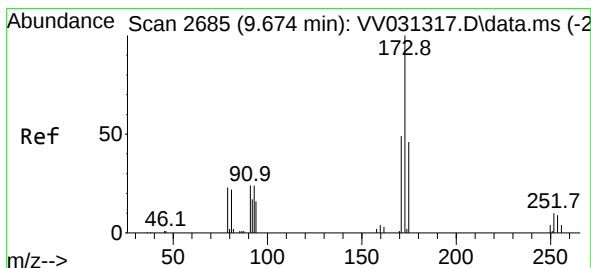
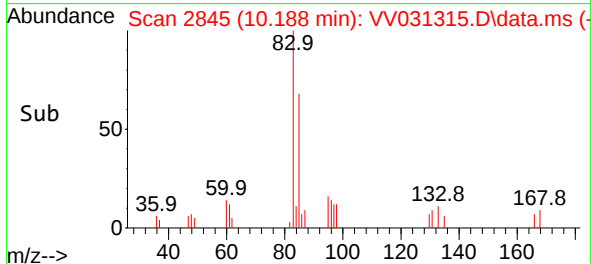
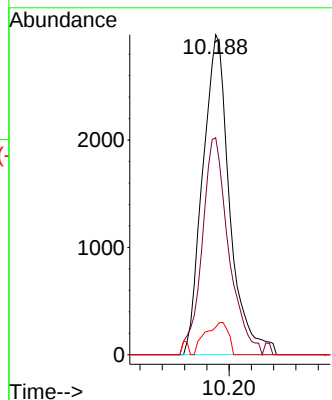
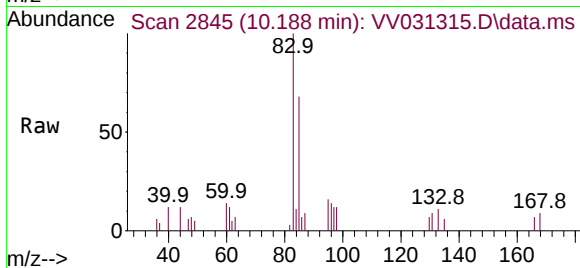
Tgt Ion: 83 Resp: 5008

Ion Ratio Lower Upper

83 100

85 67.8 45.0 83.6

131 8.6 7.3 10.9



#59

Bromoform

Concen: 0.467 ug/L

RT: 9.677 min Scan# 2686

Delta R.T. 0.003 min

Lab File: VV031315.D

Acq: 01 Jun 2023 13:58

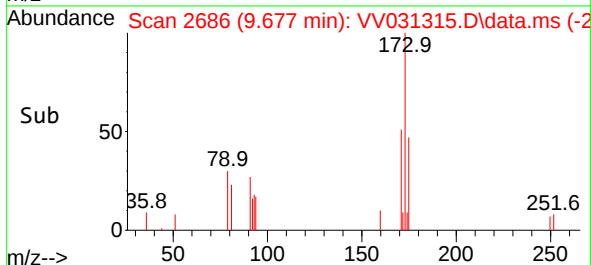
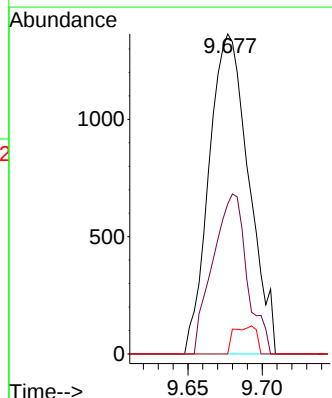
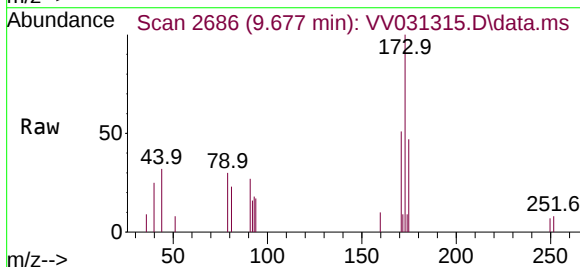
Tgt Ion: 173 Resp: 2531

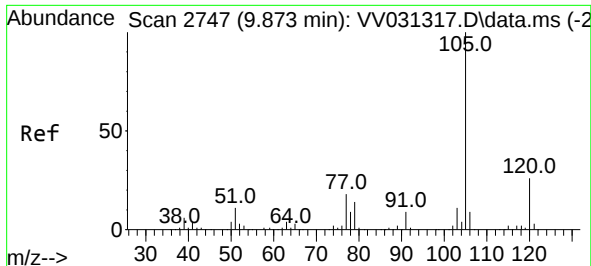
Ion Ratio Lower Upper

173 100

175 43.2 38.9 58.3

254 4.9 7.8 11.8

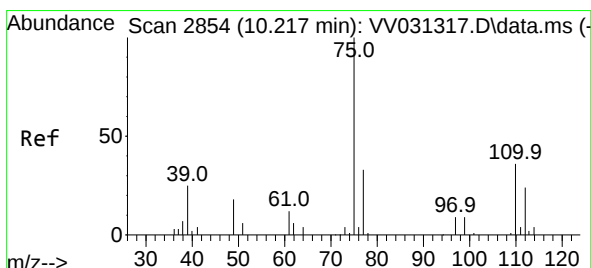
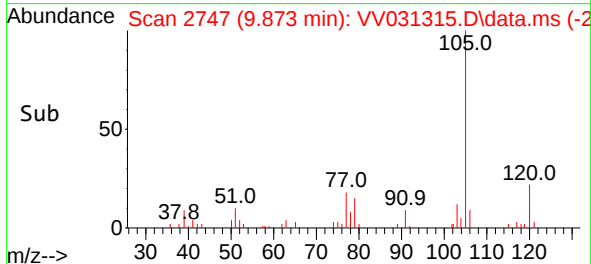
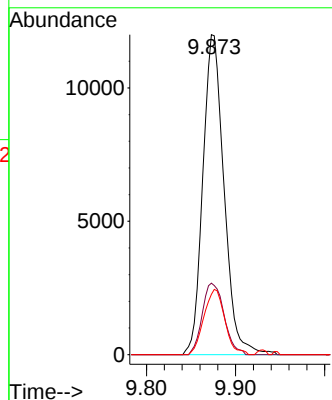
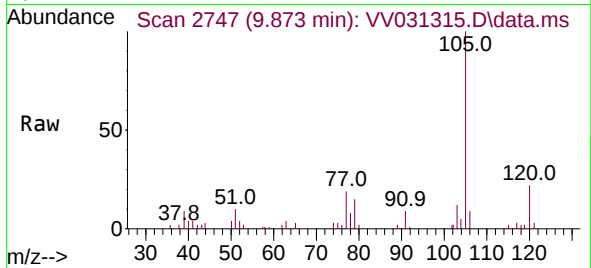




#60
Isopropylbenzene
Concen: 0.412 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031315.D
Acq: 01 Jun 2023 13:58

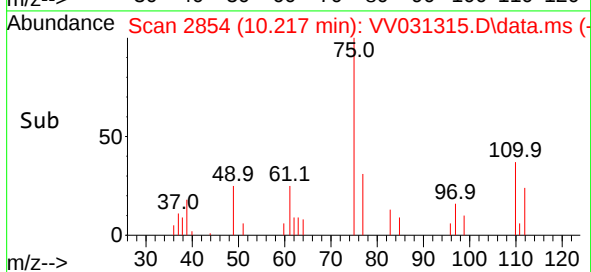
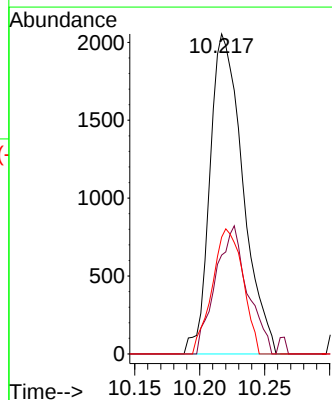
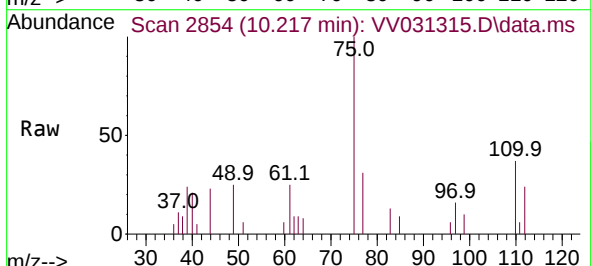
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253

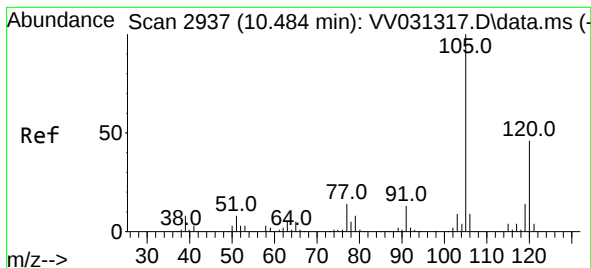
Tgt Ion:105 Resp: 19803
Ion Ratio Lower Upper
105 100
120 22.9 19.9 29.9
77 20.1 14.2 21.2



#61
1,2,3-Trichloropropane
Concen: 0.480 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV031315.D
Acq: 01 Jun 2023 13:58

Tgt Ion: 75 Resp: 3618
Ion Ratio Lower Upper
75 100
77 38.8 27.3 40.9
110 36.4 29.4 44.0





#62

1,3,5-Trimethylbenzene

Concen: 0.406 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VV031315.D

Acq: 01 Jun 2023 13:58

Instrument :

MSVOA_V

ClientSampleId :

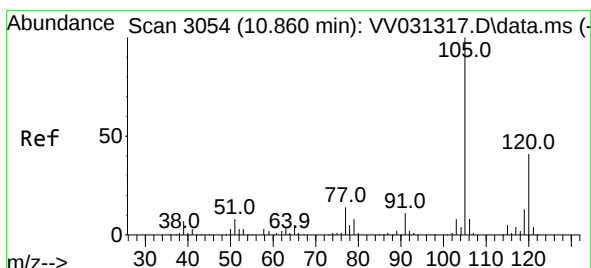
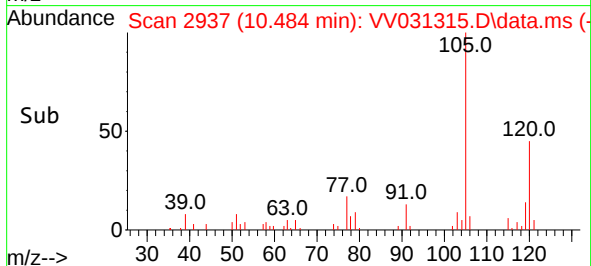
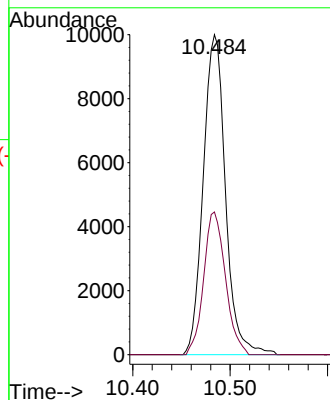
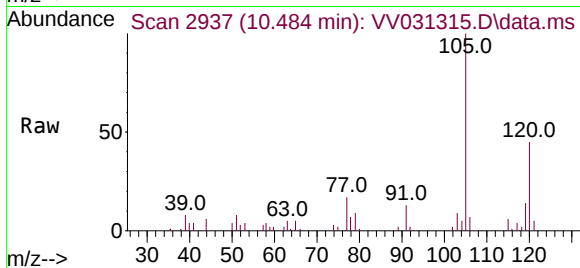
VSTD0.5253

Tgt Ion:105 Resp: 15859

Ion Ratio Lower Upper

105 100

120 43.7 35.9 53.9



#63

1,2,4-Trimethylbenzene

Concen: 0.371 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.000 min

Lab File: VV031315.D

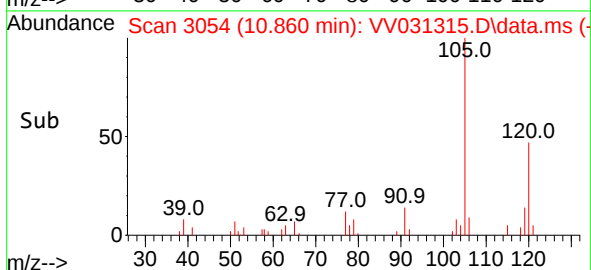
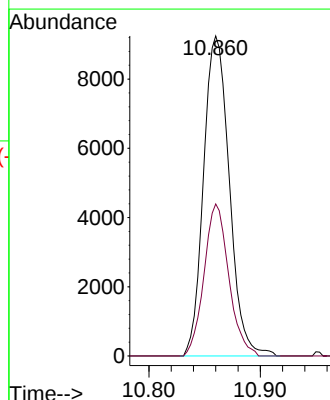
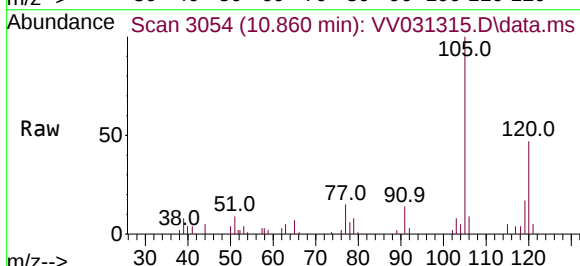
Acq: 01 Jun 2023 13:58

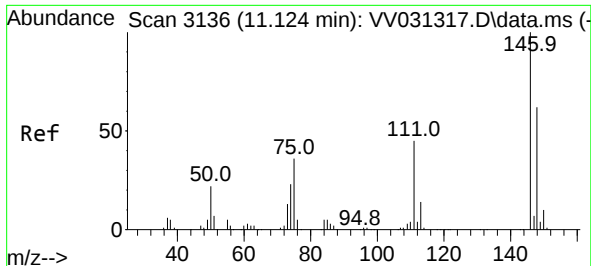
Tgt Ion:105 Resp: 14865

Ion Ratio Lower Upper

105 100

120 45.5 33.2 49.8

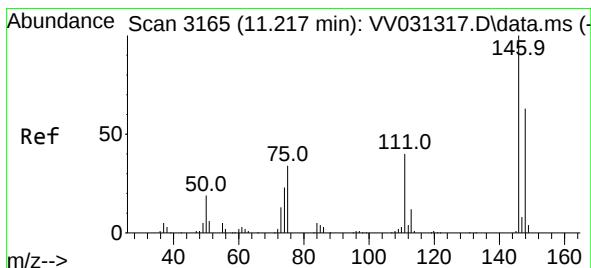
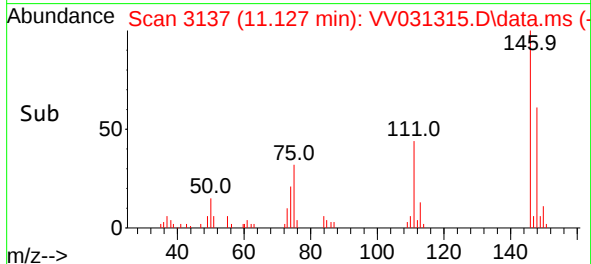
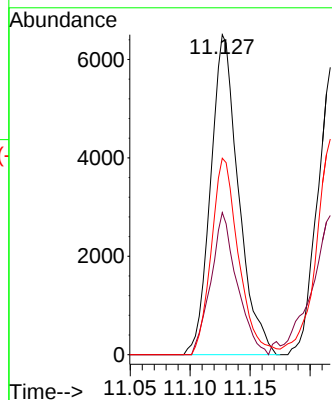
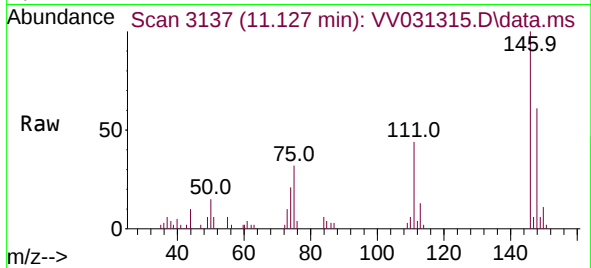




#64
1,3-Dichlorobenzene
Concen: 0.453 ug/L
RT: 11.127 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VV031315.D
Acq: 01 Jun 2023 13:58

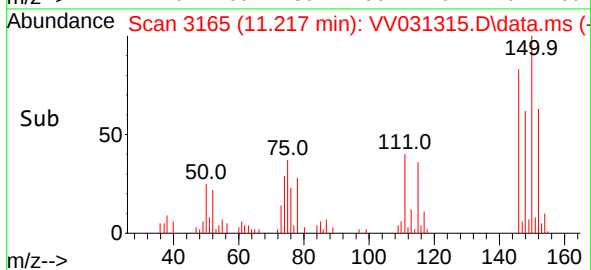
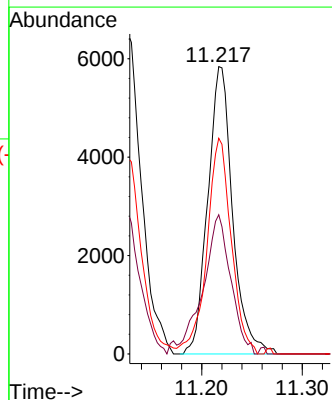
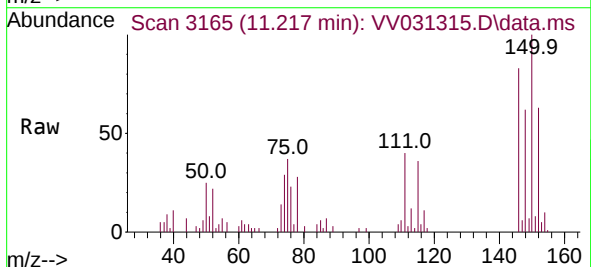
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253

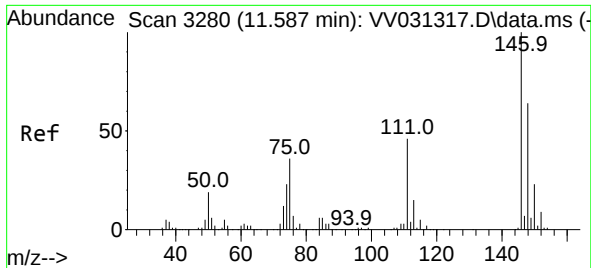
Tgt Ion:146 Resp: 10510
Ion Ratio Lower Upper
146 100
111 44.4 31.1 57.9
148 61.4 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 0.428 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV031315.D
Acq: 01 Jun 2023 13:58

Tgt Ion:146 Resp: 10015
Ion Ratio Lower Upper
146 100
111 48.4 28.4 52.8
148 75.1 44.2 82.0

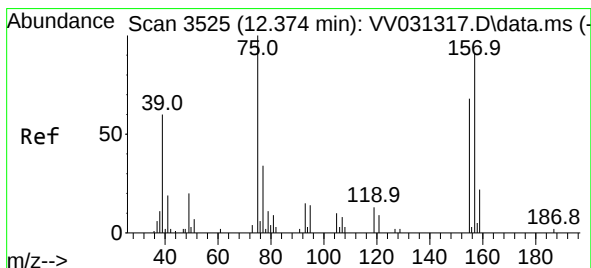
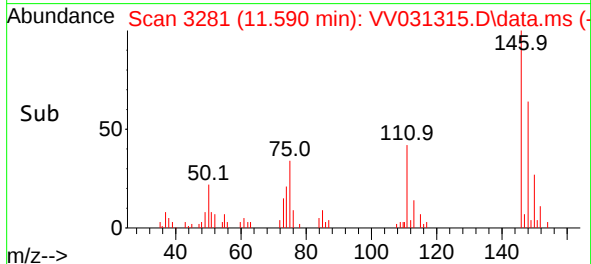
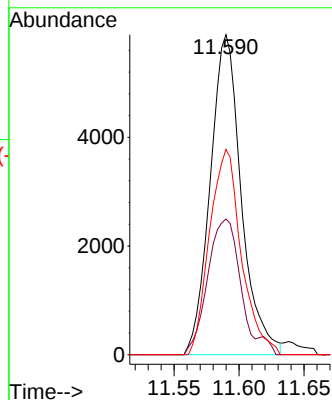
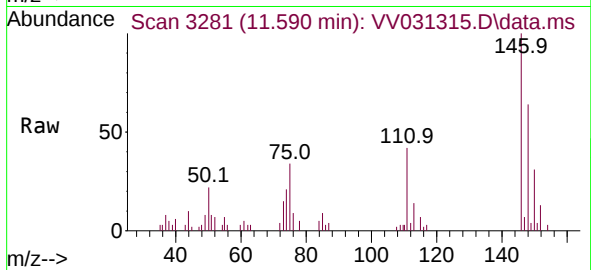




#67
1,2-Dichlorobenzene
Concen: 0.456 ug/L
RT: 11.590 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV031315.D
Acq: 01 Jun 2023 13:58

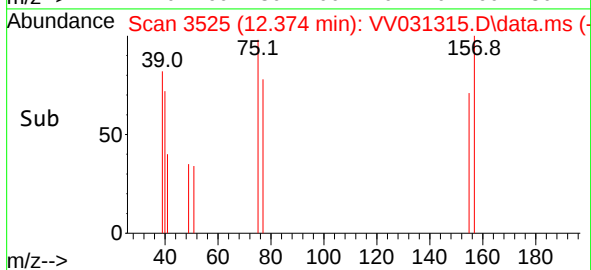
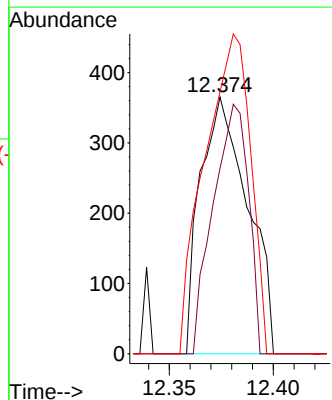
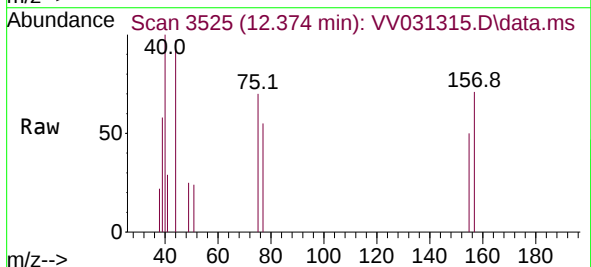
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5253

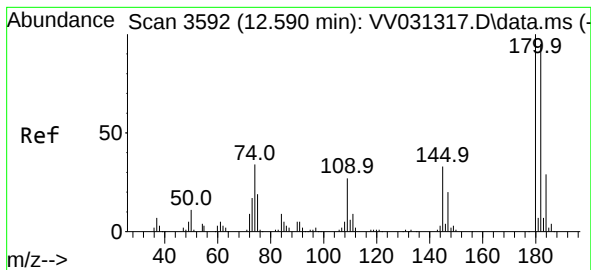
Tgt Ion:146 Resp: 9795
Ion Ratio Lower Upper
146 100
111 42.4 36.6 54.8
148 64.1 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 0.335 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.000 min
Lab File: VV031315.D
Acq: 01 Jun 2023 13:58

Tgt Ion: 75 Resp: 579
Ion Ratio Lower Upper
75 100
155 72.3 54.6 82.0
157 102.2 72.7 109.1





#69

1,3,5-Trichlorobenzene

Concen: 0.446 ug/L

RT: 12.593 min Scan# 3593

Delta R.T. 0.003 min

Lab File: VV031315.D

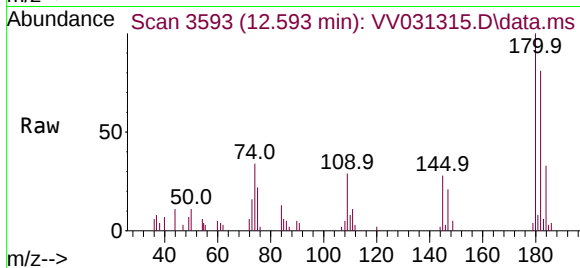
Acq: 01 Jun 2023 13:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5253



Tgt Ion:180 Resp: 7638

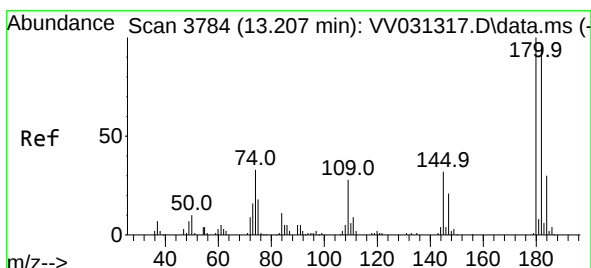
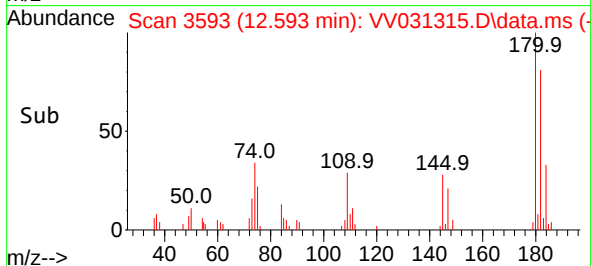
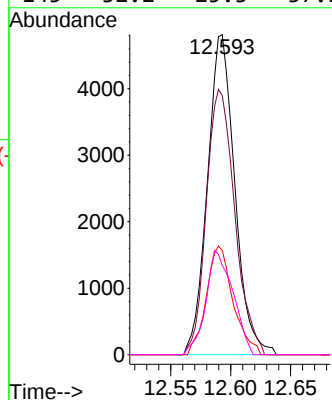
Ion Ratio Lower Upper

180 100

182 86.1 76.1 114.1

184 33.1 23.8 35.6

145 32.2 25.3 37.9



#70

1,2,4-trichlorobenzene

Concen: 0.390 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. -0.000 min

Lab File: VV031315.D

Acq: 01 Jun 2023 13:58

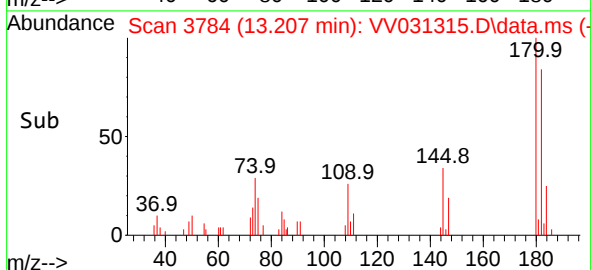
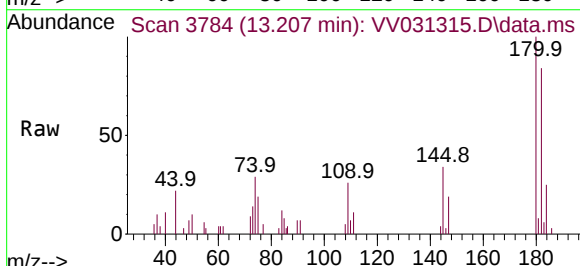
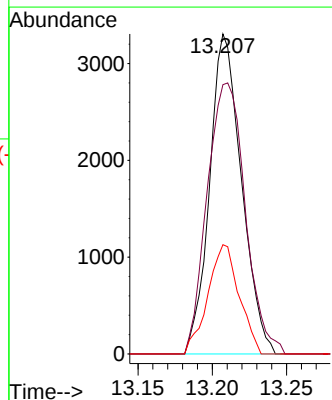
Tgt Ion:180 Resp: 4948

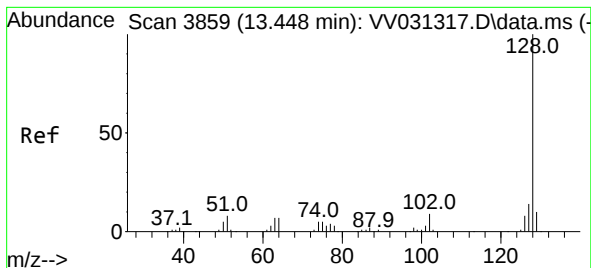
Ion Ratio Lower Upper

180 100

182 100.8 76.7 115.1

145 33.4 26.3 39.5





#71

Naphthalene

Concen: 0.318 ug/L

RT: 13.455 min Scan# 3861

Delta R.T. 0.006 min

Lab File: VV031315.D

Acq: 01 Jun 2023 13:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5253

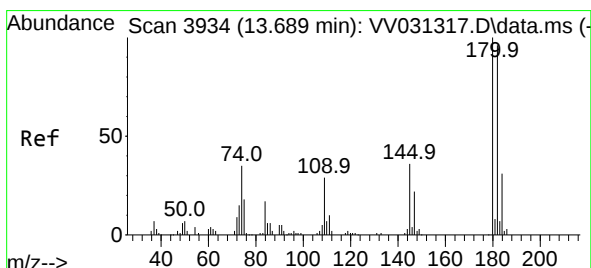
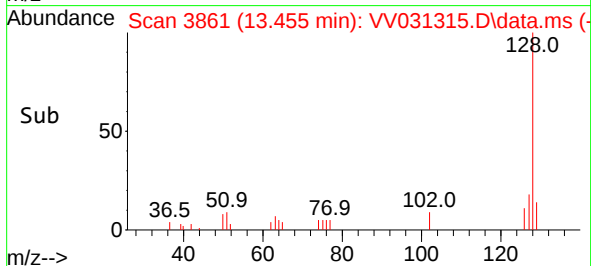
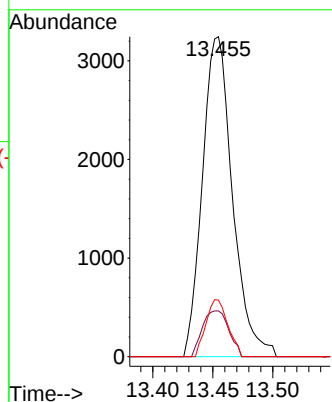
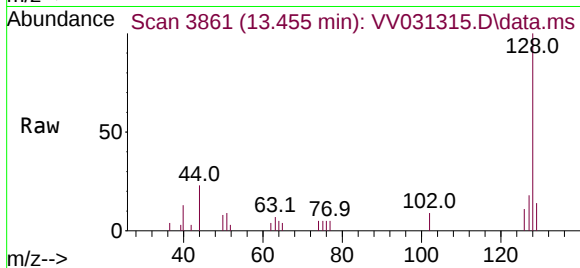
Tgt Ion:128 Resp: 5661

Ion Ratio Lower Upper

128 100

129 12.6 9.0 13.6

127 13.0 11.4 17.2



#72

1,2,3-Trichlorobenzene

Concen: 0.368 ug/L

RT: 13.693 min Scan# 3935

Delta R.T. 0.003 min

Lab File: VV031315.D

Acq: 01 Jun 2023 13:58

Tgt Ion:180 Resp: 4310

Ion Ratio Lower Upper

180 100

182 94.9 75.4 113.0

145 36.4 27.8 41.6

