

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100822\
 Data File : VW028465.D
 Acq On : 09 Oct 2022 02:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050353

Quant Time: Oct 09 05:55:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 08 02:10:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	380701	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	342468	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	176712	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	116936	39.808	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.620%
7) Chloroethane-d5	1.564	69	94965	40.771	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.540%
11) 1,1-Dichloroethene-d2	2.105	63	215733	43.151	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.300%
21) 2-Butanone-d5	3.895	46	204983	79.713	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.710%
24) Chloroform-d	4.342	84	256100	47.536	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.080%
26) 1,2-Dichloroethane-d4	5.027	65	161807	46.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.140%
32) Benzene-d6	5.043	84	513871	46.827	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.660%
36) 1,2-Dichloropropane-d6	6.066	67	162638	45.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.920%
41) Toluene-d8	7.310	98	465704	47.400	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	7.616	79	81212	44.532	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.060%
47) 2-Hexanone-d5	8.085	63	164544	84.541	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.540%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	210527	42.999	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	174825	47.746	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	145689	50.826	ug/L	100
3) Chloromethane	1.240	50	145821	45.189	ug/L	99
5) Vinyl chloride	1.310	62	147410	45.520	ug/L	100
6) Bromomethane	1.519	94	67491	45.706	ug/L	99
8) Chloroethane	1.584	64	147140	74.849	ug/L	98
9) Trichlorofluoromethane	1.751	101	204777	51.167	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	104283	45.976	ug/L	96
12) 1,1-Dichloroethene	2.114	96	106832	47.977	ug/L	94
13) Acetone	2.188	43	94864	47.623	ug/L	81
14) Carbon disulfide	2.291	76	355912	49.978	ug/L	100
15) Methyl Acetate	2.436	43	147406	43.828	ug/L	100
16) Methylene chloride	2.503	84	147447	50.954	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	131854	50.766	ug/L	95
18) Methyl tert-butyl Ether	2.764	73	492752	51.608	ug/L	99
19) 1,1-Dichloroethane	3.185	63	265464	50.033	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	152588	51.570	ug/L	94
22) 2-Butanone	3.979	43	228529	87.025	ug/L	99
23) Bromochloromethane	4.243	128	74737	51.975	ug/L	93
25) Chloroform	4.368	83	264198	51.006	ug/L	99

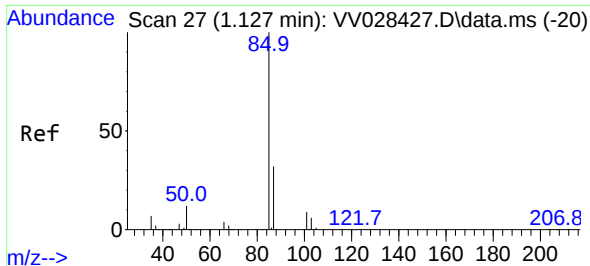
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 Quant Title : VOC Analysis
 QLast Update : Sat Oct 08 02:10:35 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	205484	51.777	ug/L	99
29) Cyclohexane	4.670	56	237777	48.271	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	238214	53.844	ug/L	98
31) Carbon tetrachloride	4.821	117	202608	54.708	ug/L	98
33) Benzene	5.095	78	572634	50.840	ug/L	100
34) Trichloroethene	5.908	95	139267	49.842	ug/L	96
35) Methylcyclohexane	6.127	83	236180	48.619	ug/L	97
37) 1,2-Dichloropropane	6.169	63	144980	48.011	ug/L	99
38) Bromodichloromethane	6.503	83	201348	51.180	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	237676	49.475	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	482427	93.672	ug/L	99
42) Toluene	7.381	91	598913	51.587	ug/L	99
44) trans-1,3-Dichloropropene	7.644	75	225137	48.831	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	139767	49.971	ug/L	98
46) Tetrachloroethene	7.969	164	105868	52.730	ug/L	98
48) 2-Hexanone	8.133	43	357118	90.325	ug/L	100
49) Dibromochloromethane	8.239	129	153812	51.161	ug/L	98
50) 1,2-Dibromoethane	8.345	107	144874	50.025	ug/L	100
51) Chlorobenzene	8.873	112	370067	50.805	ug/L	98
52) Ethylbenzene	9.005	91	653908	51.676	ug/L	99
53) m,p-Xylene	9.130	106	246324	51.358	ug/L	98
54) o-Xylene	9.535	106	245980	51.220	ug/L	99
55) Styrene	9.554	104	419431	50.858	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	226343	47.254	ug/L	99
59) Bromoform	9.725	173	108661	49.655	ug/L	100
60) Isopropylbenzene	9.924	105	651478	51.162	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	179439	47.698	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	562967	51.046	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	553660	50.577	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	287898	51.692	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	283685	51.047	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	290636	51.704	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	54939	47.722	ug/L	99
69) 1,3,5-Trichlorobenzene	12.635	180	221290	52.313	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	199746	53.574	ug/L	100
71) Naphthalene	13.490	128	665404	57.379	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	199066	54.762	ug/L	98

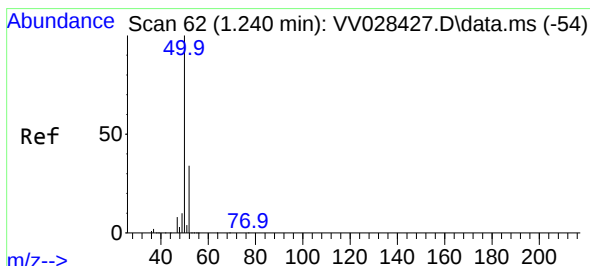
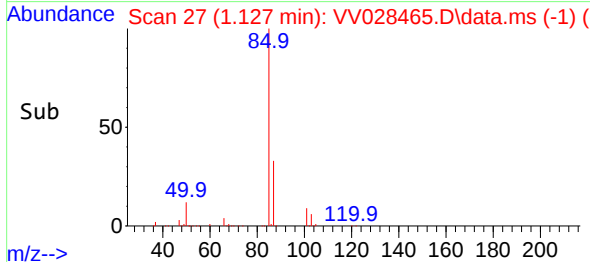
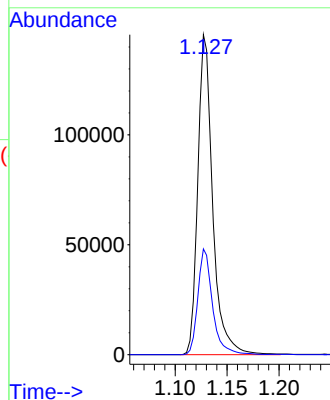
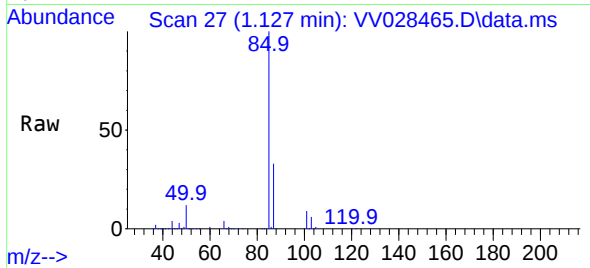
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#2
 Dichlorodifluoromethane
 Concen: 50.826 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV028465.D
 Acq: 09 Oct 2022 02:39

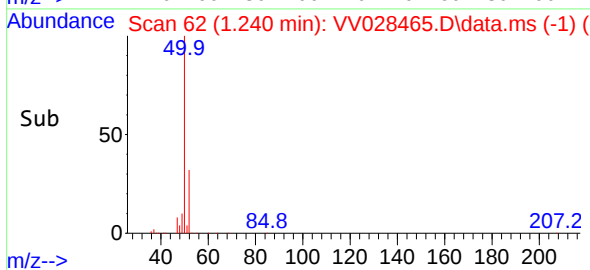
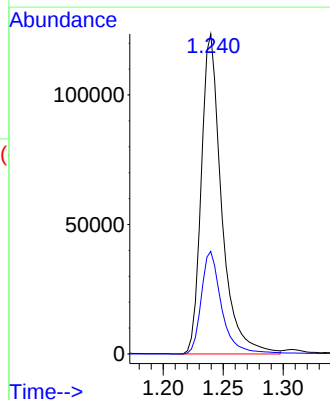
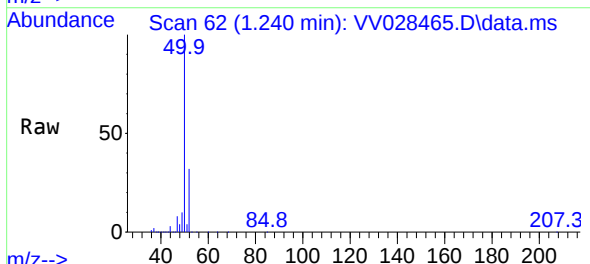
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050353

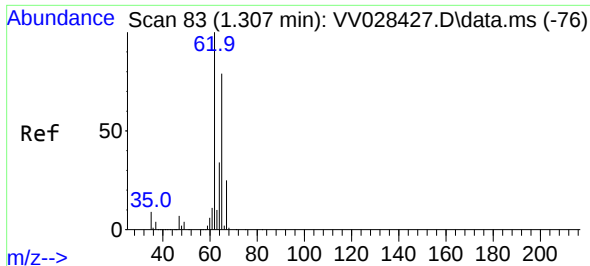
Tgt Ion: 85 Resp: 145689
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.9 38.9



#3
 Chloromethane
 Concen: 45.189 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV028465.D
 Acq: 09 Oct 2022 02:39

Tgt Ion: 50 Resp: 145821
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.7 42.3

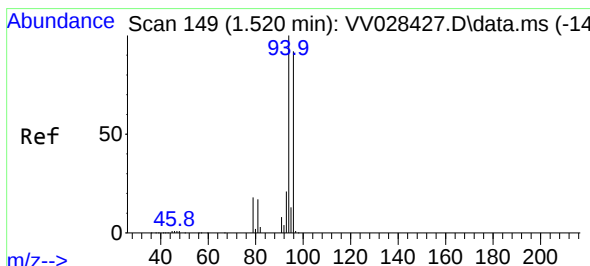
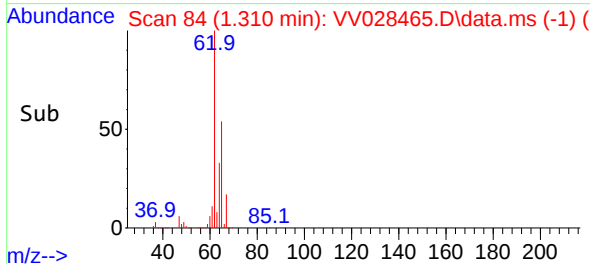
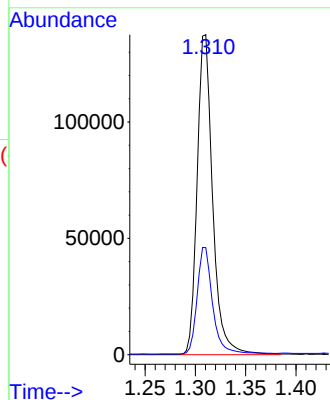
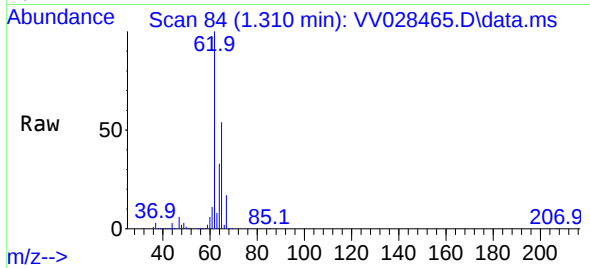




#5
 Vinyl chloride
 Concen: 45.520 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV028465.D
 Acq: 09 Oct 2022 02:39

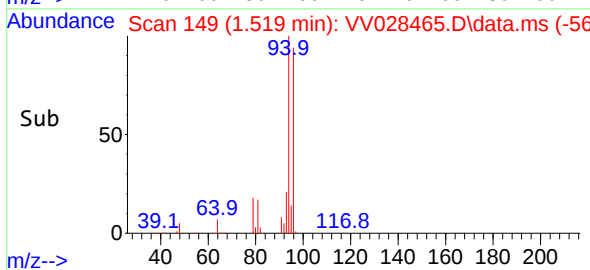
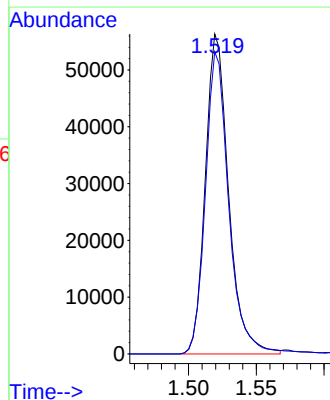
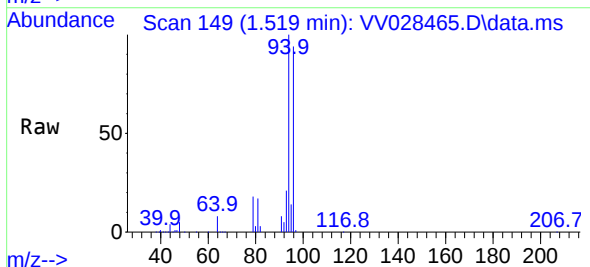
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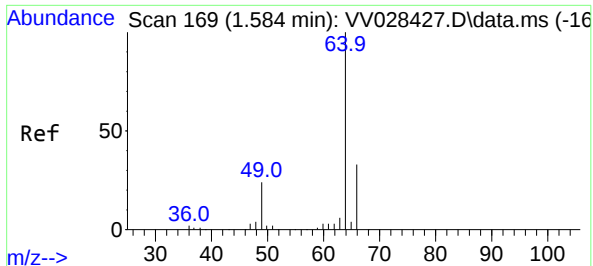
Tgt Ion: 62 Resp: 147410
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.3 43.3



#6
 Bromomethane
 Concen: 45.706 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV028465.D
 Acq: 09 Oct 2022 02:39

Tgt Ion: 94 Resp: 67491
 Ion Ratio Lower Upper
 94 100
 96 94.4 65.5 121.6

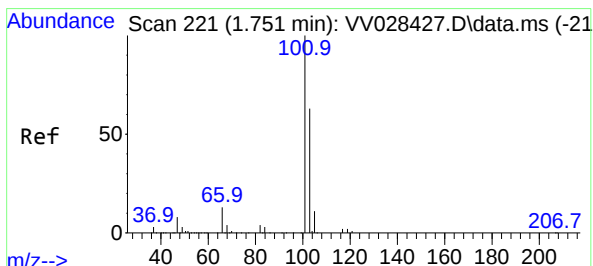
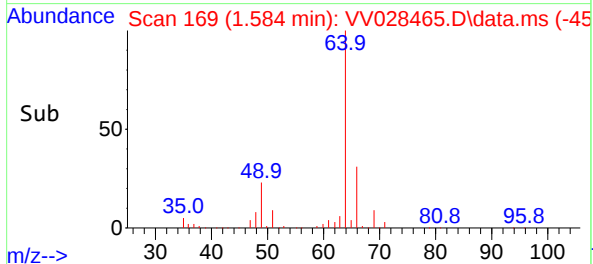
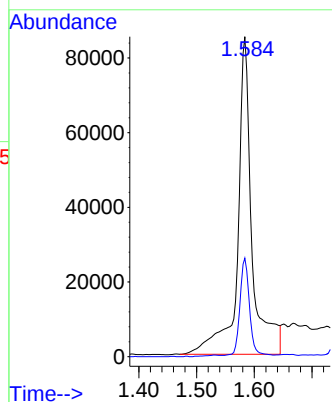
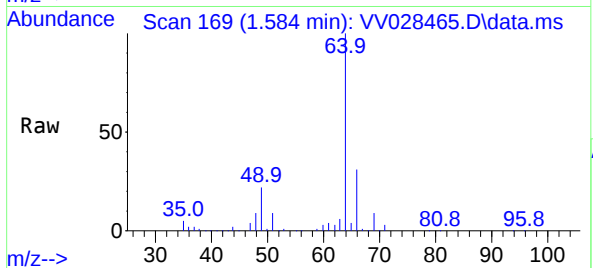




#8
Chloroethane
Concen: 74.849 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

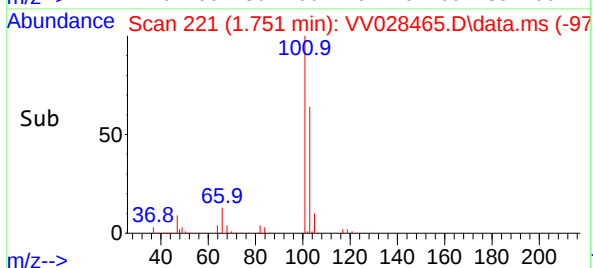
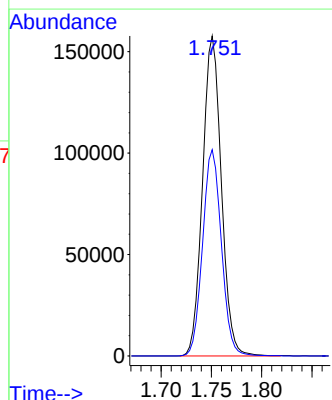
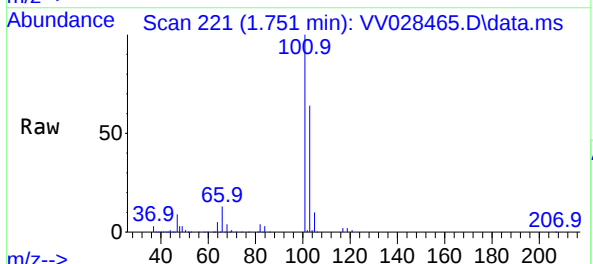
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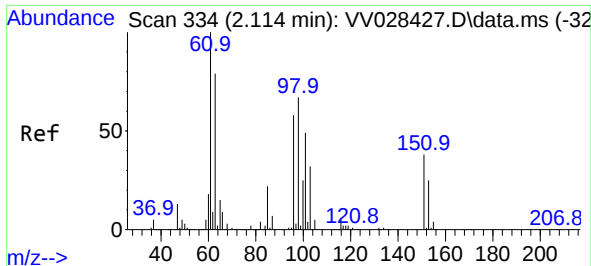
Tgt Ion: 64 Resp: 147140
Ion Ratio Lower Upper
64 100
66 30.8 22.2 41.2



#9
Trichlorofluoromethane
Concen: 51.167 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

Tgt Ion: 101 Resp: 204777
Ion Ratio Lower Upper
101 100
103 64.4 50.7 76.1

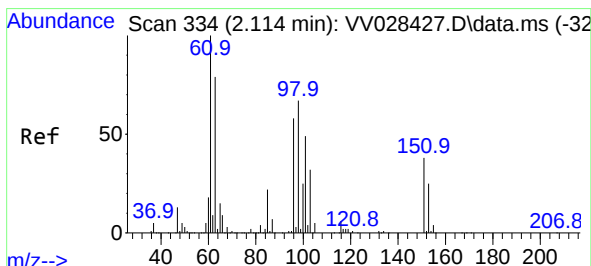
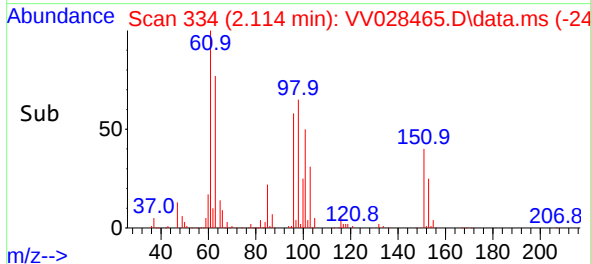
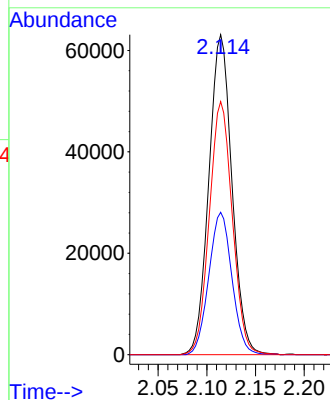
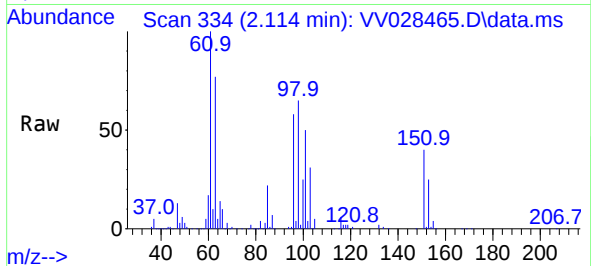




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 45.976 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

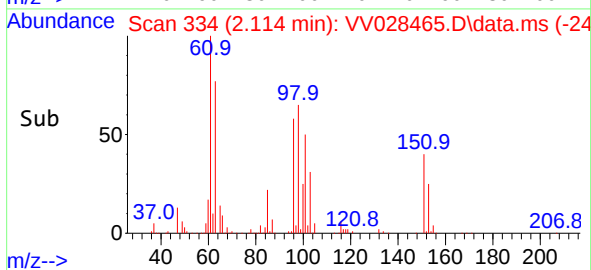
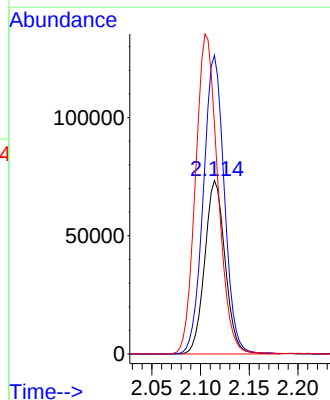
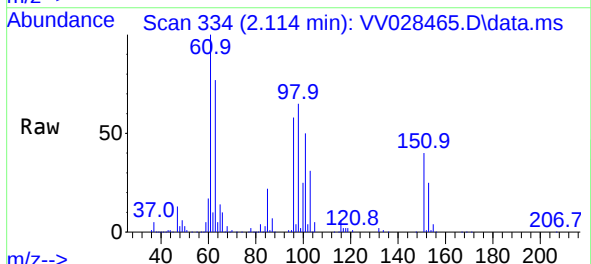
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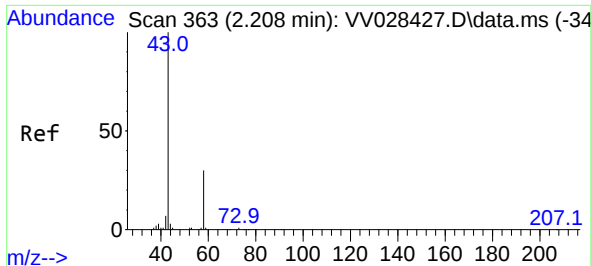
Tgt Ion:101 Resp: 104283
Ion Ratio Lower Upper
101 100
85 44.4 34.9 52.3
151 78.6 59.2 88.8



#12
1,1-Dichloroethene
Concen: 47.977 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

Tgt Ion: 96 Resp: 106832
Ion Ratio Lower Upper
96 100
61 172.3 125.6 233.2
63 132.7 100.0 185.6





#13

Acetone

Concen: 47.623 ug/L

RT: 2.188 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV028465.D

Acq: 09 Oct 2022 02:39

Instrument :

MSVOA_V

ClientSampleId :

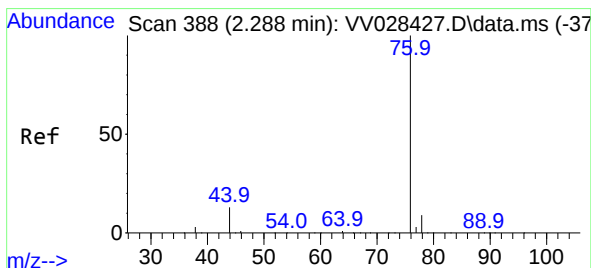
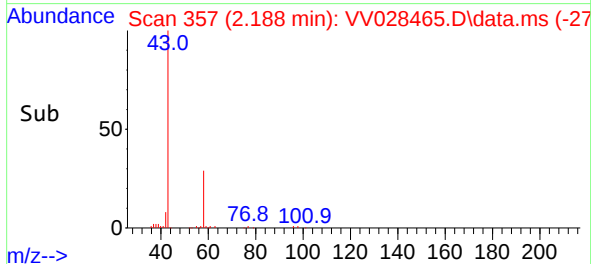
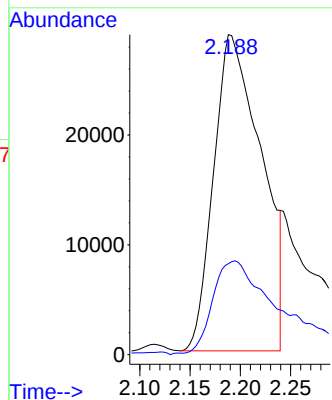
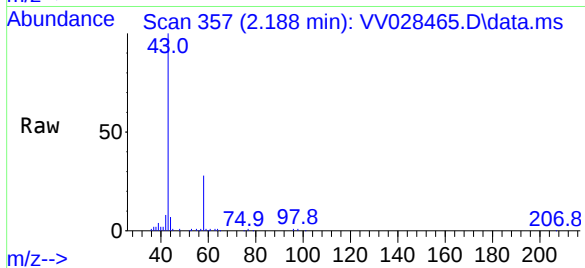
VSTD050353

Tgt Ion: 43 Resp: 94864

Ion Ratio Lower Upper

43 100

58 32.9 0.0 47.0



#14

Carbon disulfide

Concen: 49.978 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.003 min

Lab File: VV028465.D

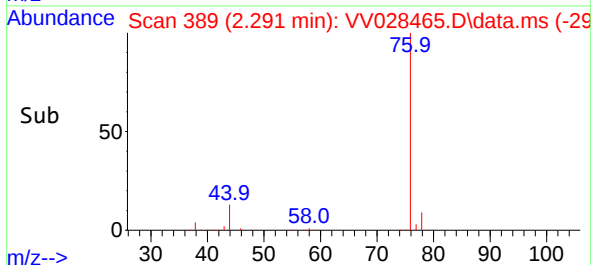
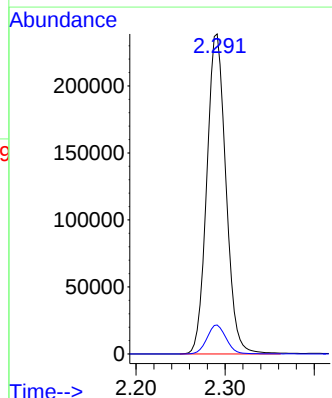
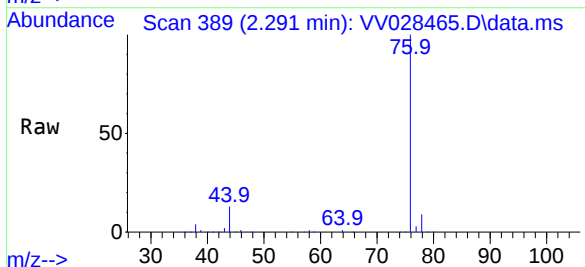
Acq: 09 Oct 2022 02:39

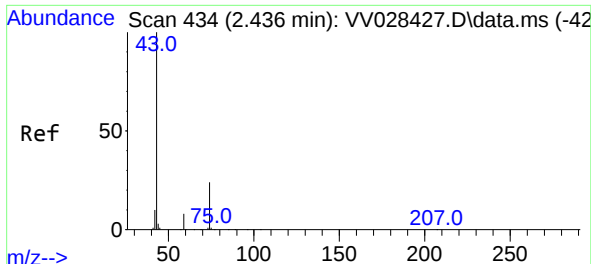
Tgt Ion: 76 Resp: 355912

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

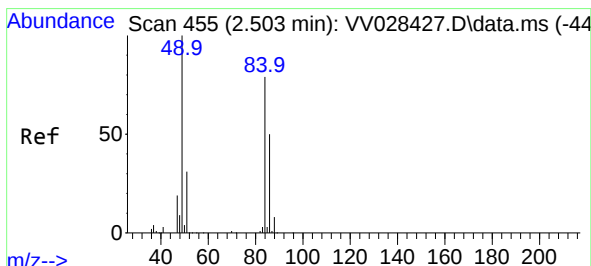
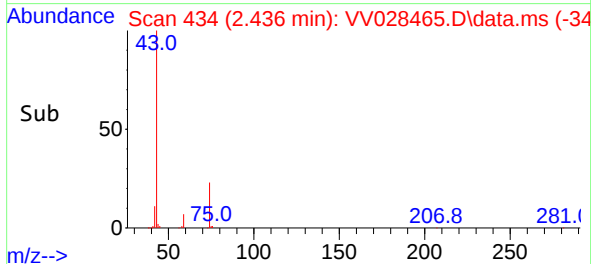
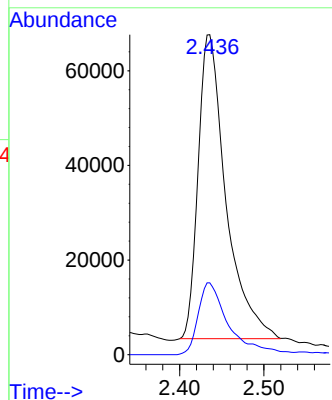
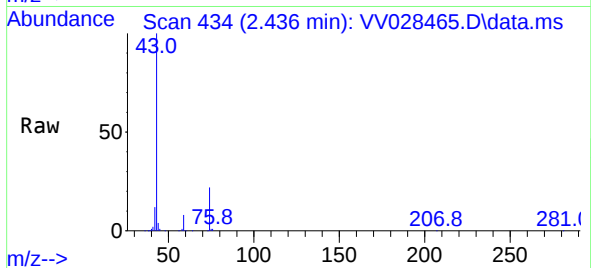




#15
Methyl Acetate
Concen: 43.828 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

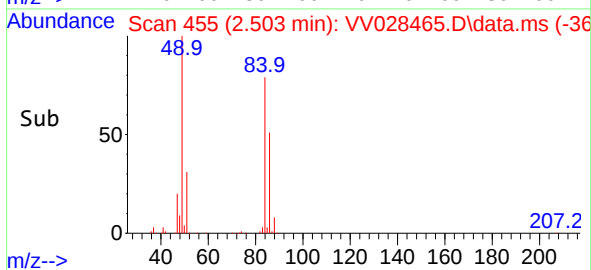
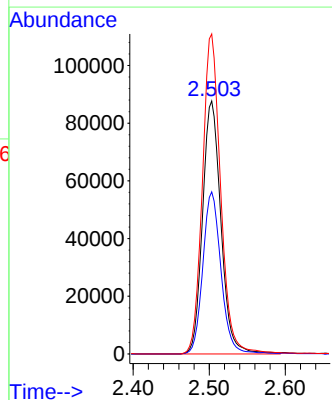
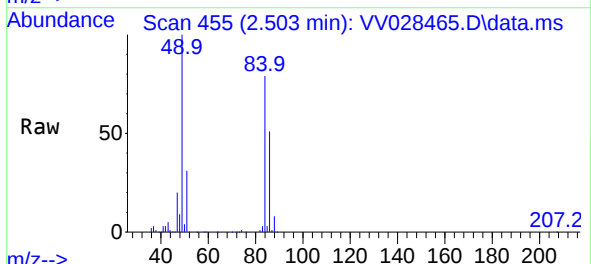
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

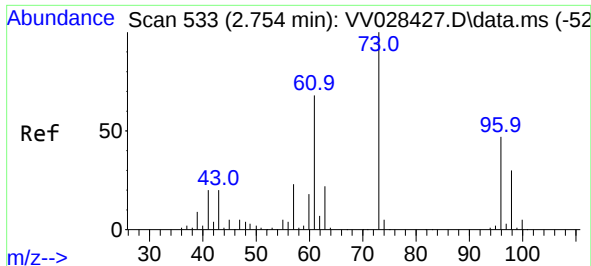
Tgt Ion: 43 Resp: 147406
Ion Ratio Lower Upper
43 100
74 23.3 18.8 28.2



#16
Methylene chloride
Concen: 50.954 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

Tgt Ion: 84 Resp: 147447
Ion Ratio Lower Upper
84 100
86 64.1 44.2 82.2
49 126.5 90.5 168.1

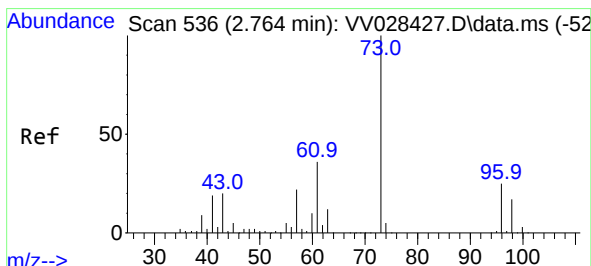
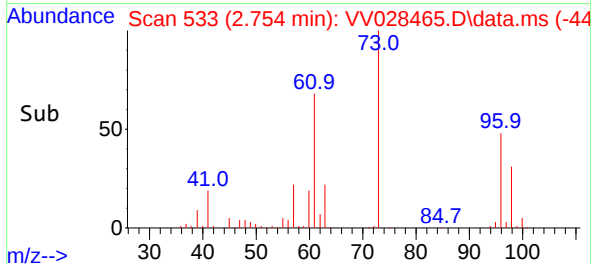
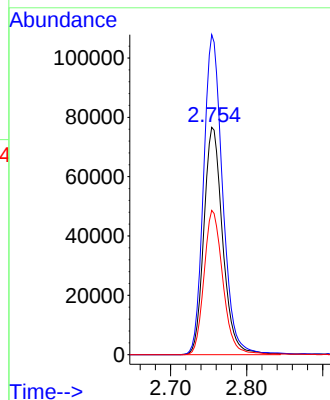
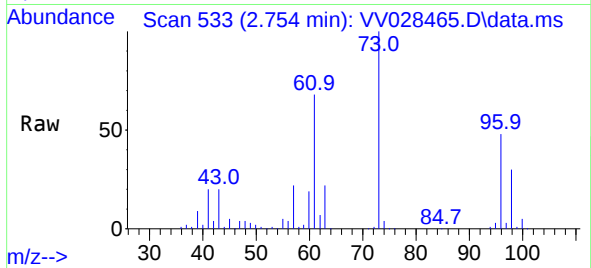




#17
trans-1,2-Dichloroethene
Concen: 50.766 ug/L
RT: 2.754 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

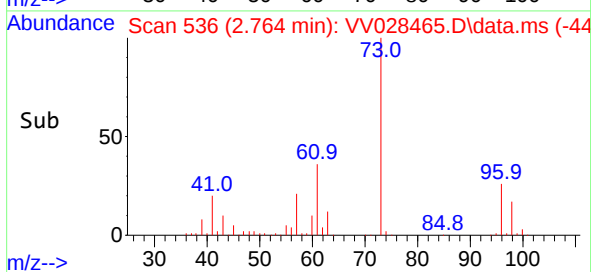
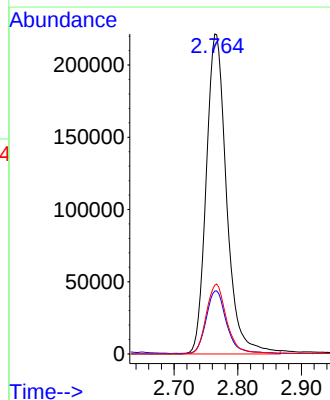
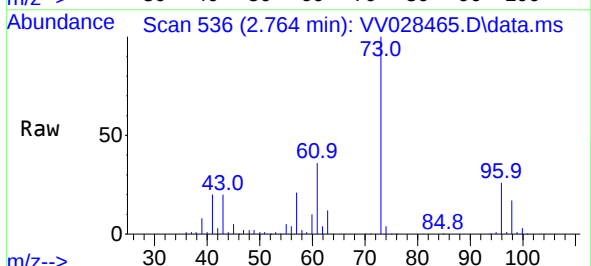
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

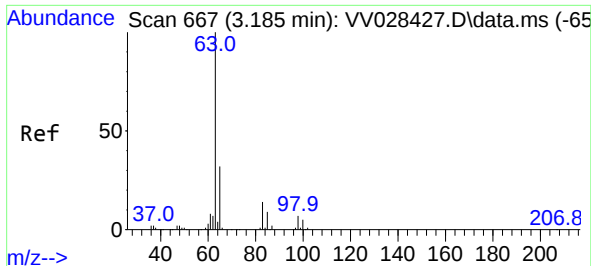
Tgt Ion: 96 Resp: 131854
Ion Ratio Lower Upper
96 100
61 140.7 104.8 194.6
98 63.5 44.5 82.7



#18
Methyl tert-butyl Ether
Concen: 51.608 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

Tgt Ion: 73 Resp: 492752
Ion Ratio Lower Upper
73 100
43 19.4 15.6 23.4
57 21.9 18.2 27.4

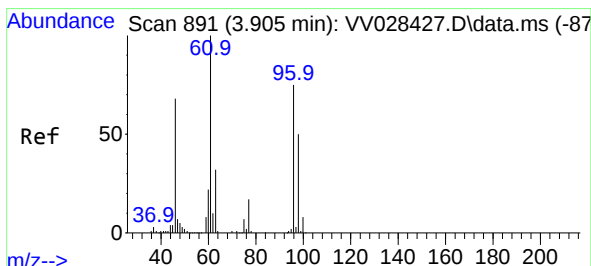
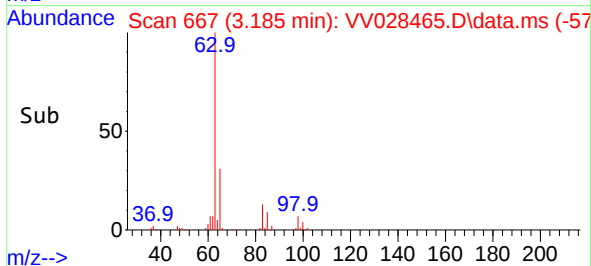
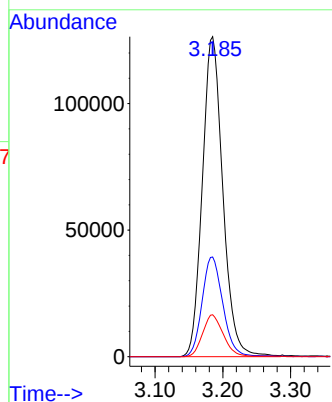
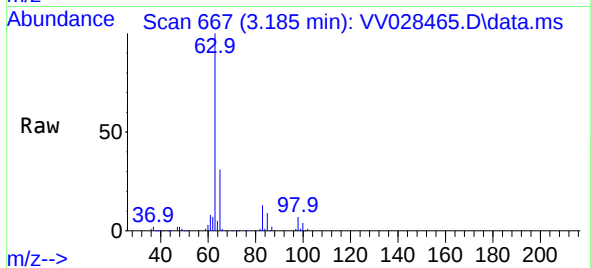




#19
1,1-Dichloroethane
Concen: 50.033 ug/L
RT: 3.185 min Scan# 6
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

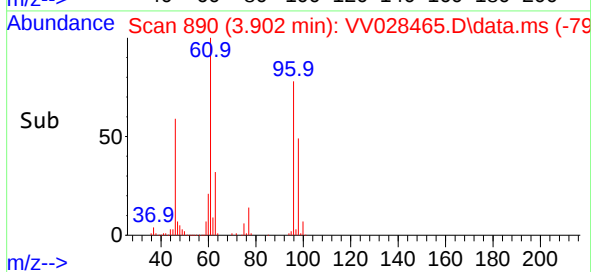
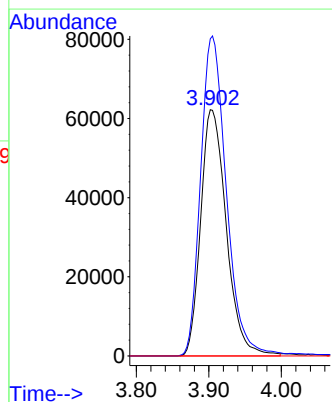
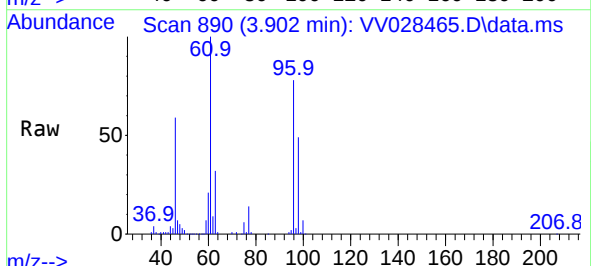
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

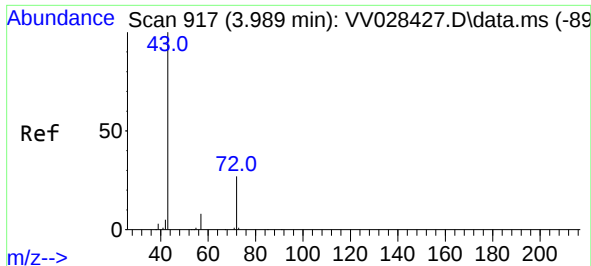
Tgt Ion: 63 Resp: 265464
Ion Ratio Lower Upper
63 100
65 31.2 22.6 42.0
83 13.1 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 51.570 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.003 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

Tgt Ion: 96 Resp: 152588
Ion Ratio Lower Upper
96 100
61 128.8 95.0 176.4
68 0.0 0.0 0.0

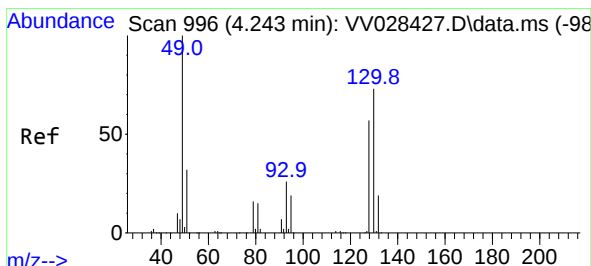
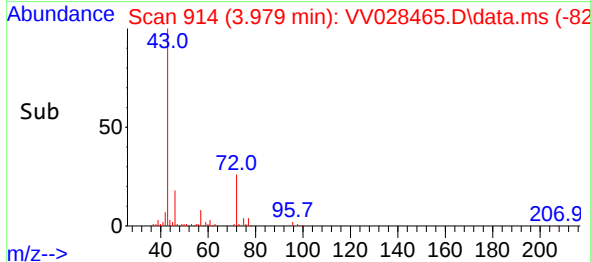
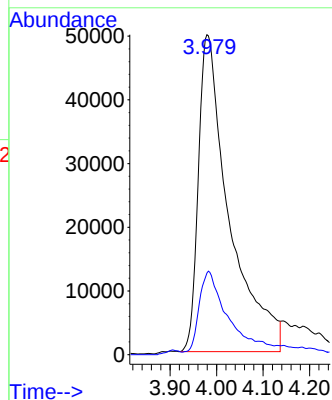
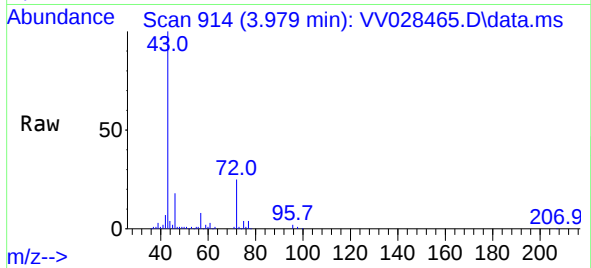




#22
2-Butanone
Concen: 87.025 ug/L
RT: 3.979 min Scan# 914
Delta R.T. -0.010 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

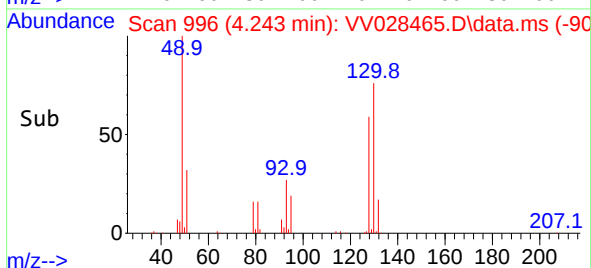
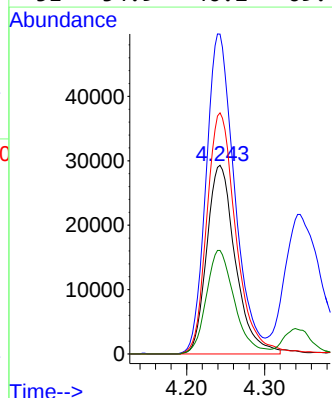
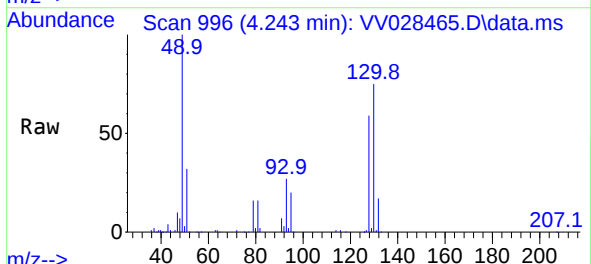
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

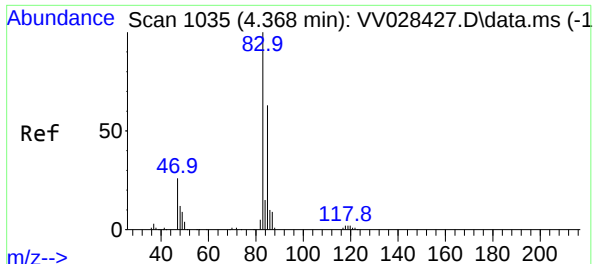
Tgt Ion: 43 Resp: 228529
Ion Ratio Lower Upper
43 100
72 21.4 11.1 33.1



#23
Bromochloromethane
Concen: 51.975 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

Tgt Ion:128 Resp: 74737
Ion Ratio Lower Upper
128 100
49 169.5 130.6 242.6
130 127.9 90.0 167.2
51 54.9 46.2 69.4





#25

Chloroform

Concen: 51.006 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VV028465.D

Acq: 09 Oct 2022 02:39

Instrument :

MSVOA_V

ClientSampleId :

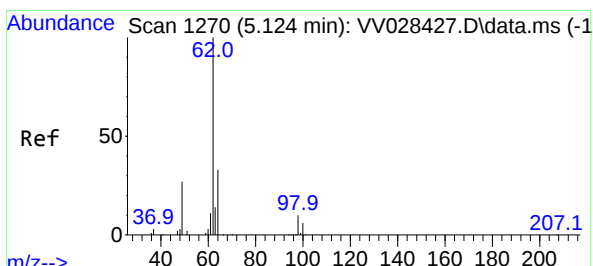
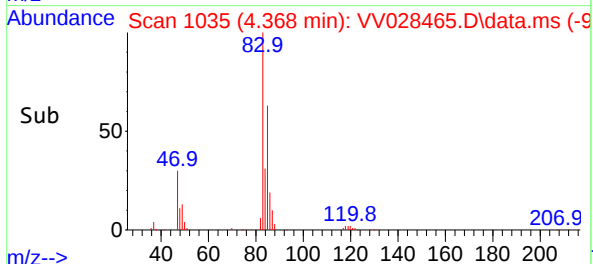
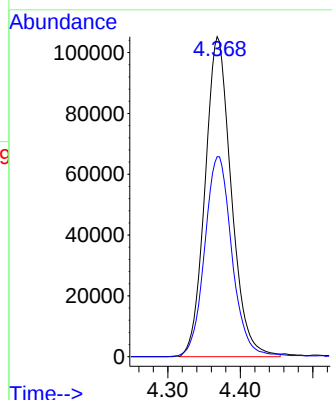
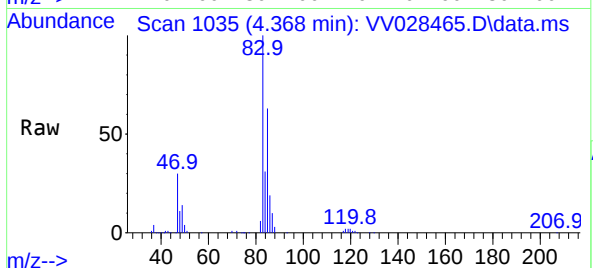
VSTD050353

Tgt Ion: 83 Resp: 264198

Ion Ratio Lower Upper

83 100

85 62.5 44.5 82.7



#27

1,2-Dichloroethane

Concen: 51.777 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VV028465.D

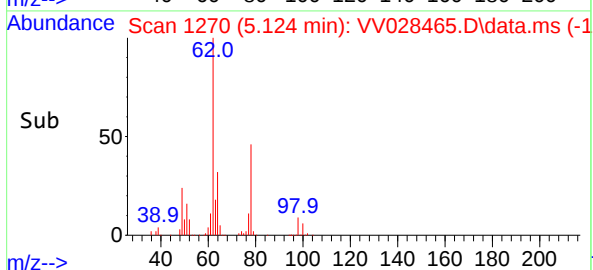
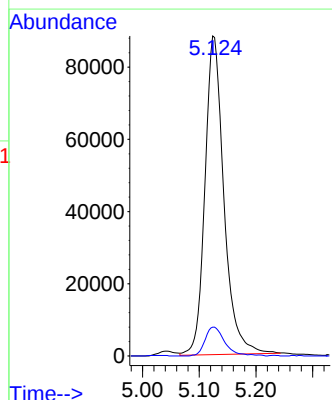
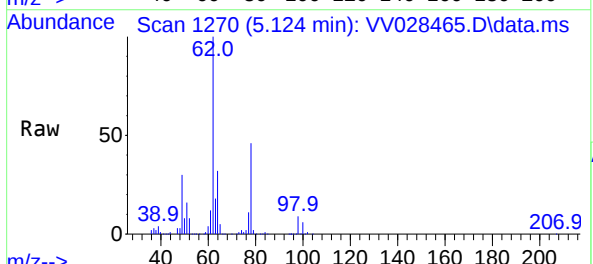
Acq: 09 Oct 2022 02:39

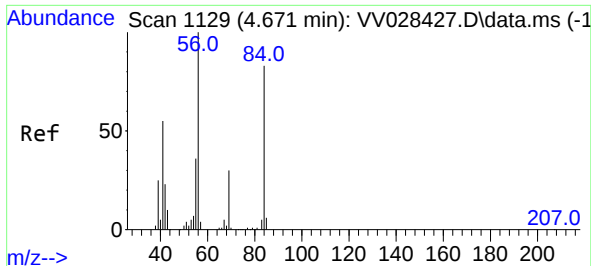
Tgt Ion: 62 Resp: 205484

Ion Ratio Lower Upper

62 100

98 9.0 7.6 11.4





#29

Cyclohexane

Concen: 48.271 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VV028465.D

Acq: 09 Oct 2022 02:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD050353

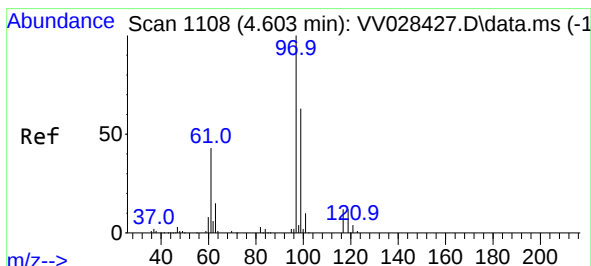
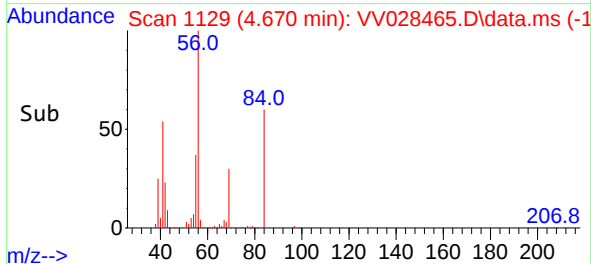
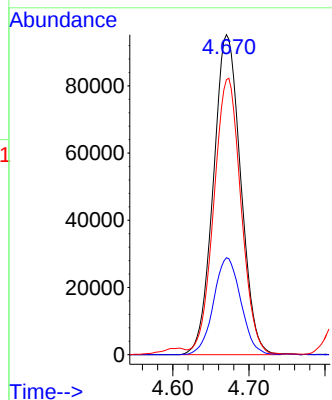
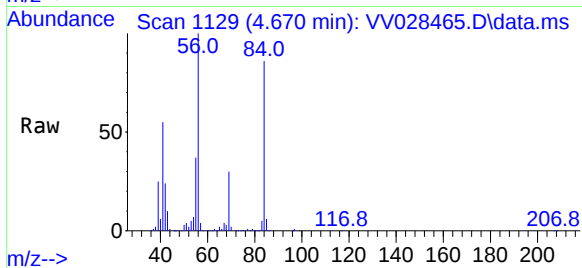
Tgt Ion: 56 Resp: 237777

Ion Ratio Lower Upper

56 100

69 30.2 23.0 34.6

84 85.5 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 53.844 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV028465.D

Acq: 09 Oct 2022 02:39

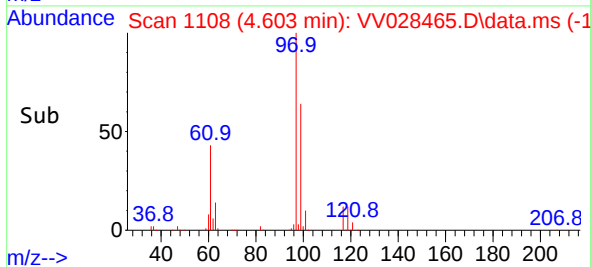
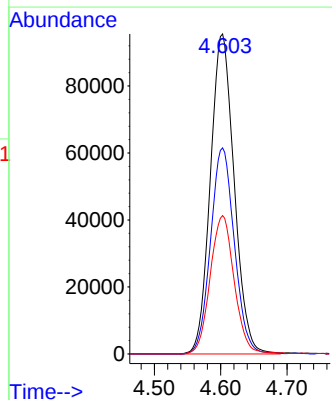
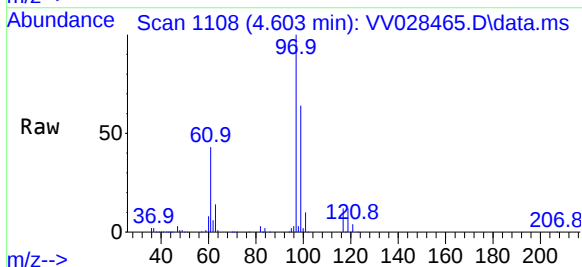
Tgt Ion: 97 Resp: 238214

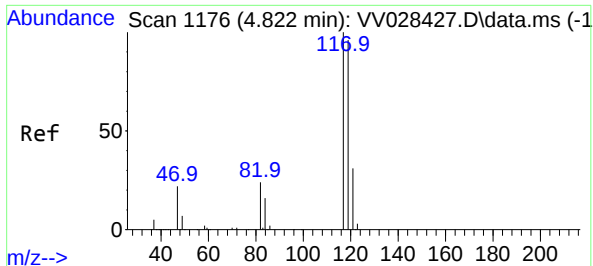
Ion Ratio Lower Upper

97 100

99 64.6 50.2 75.2

61 43.5 35.8 53.6

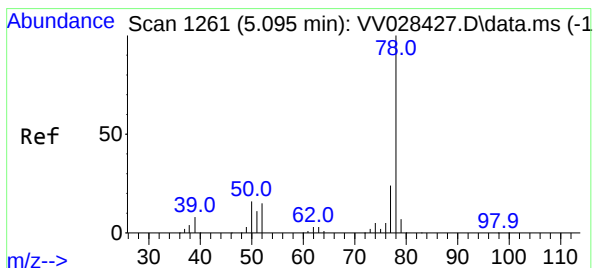
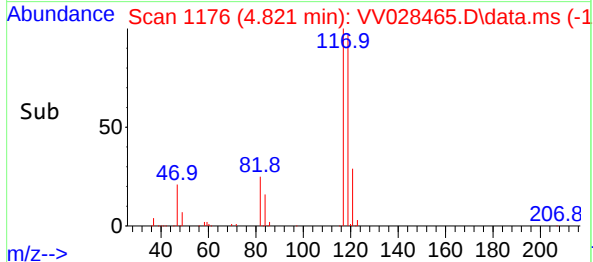
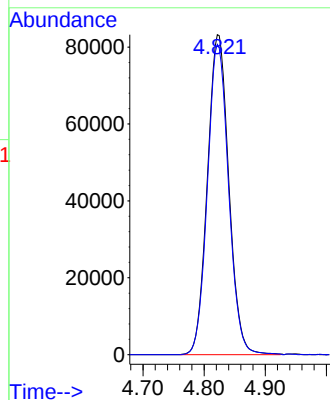
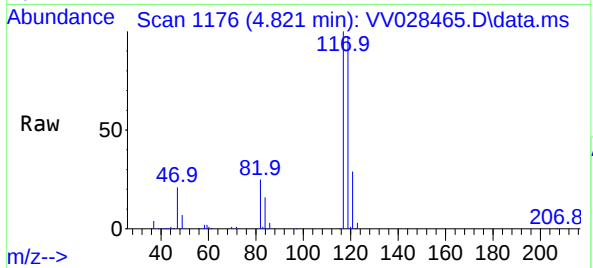




#31
Carbon tetrachloride
Concen: 54.708 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

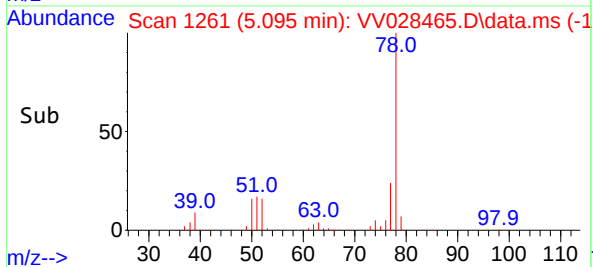
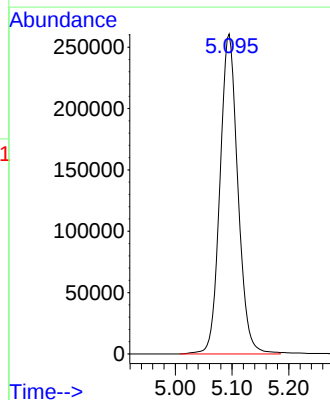
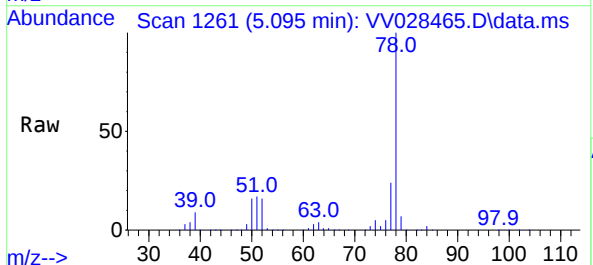
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

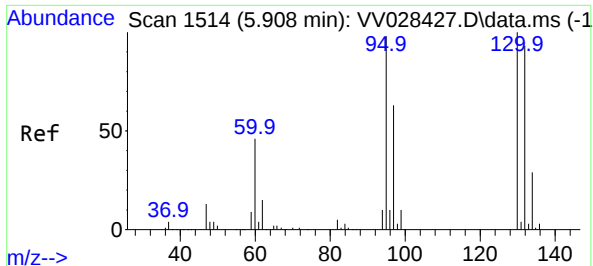
Tgt Ion:117 Resp: 202608
Ion Ratio Lower Upper
117 100
119 95.6 78.0 117.0



#33
Benzene
Concen: 50.840 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

Tgt Ion: 78 Resp: 572634



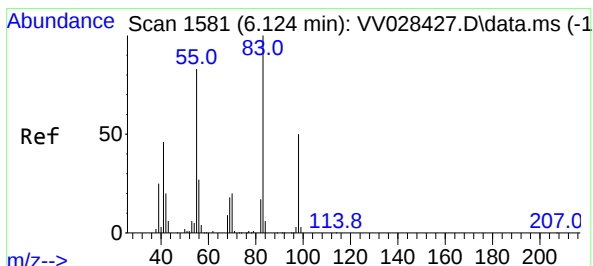
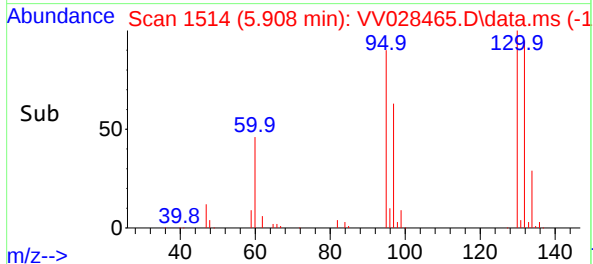
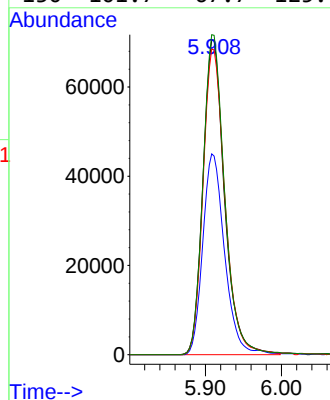
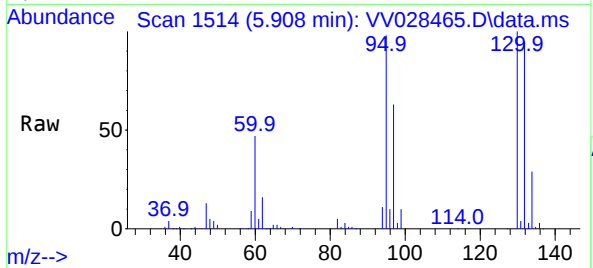


#34
Trichloroethene
Concen: 49.842 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

Tgt Ion: 95 Resp: 139267

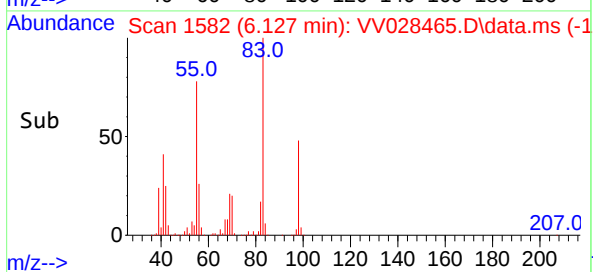
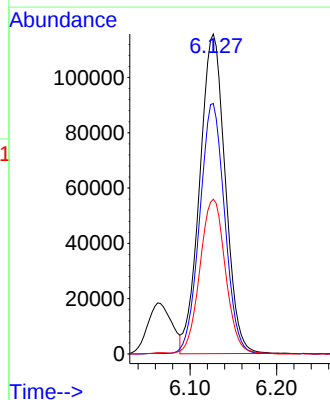
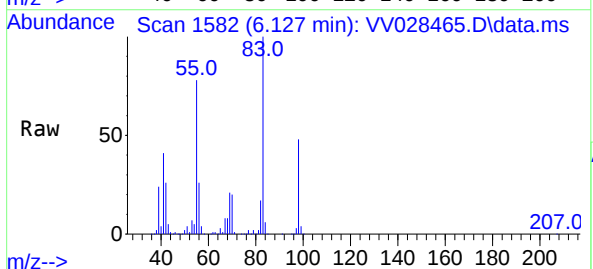
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.4	82.4
132	97.1	64.3	119.5
130	101.7	67.7	125.7

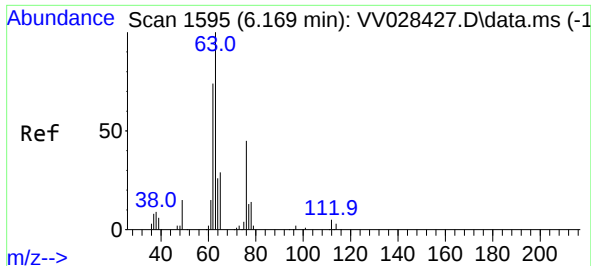


#35
Methylcyclohexane
Concen: 48.619 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

Tgt Ion: 83 Resp: 236180

Ion	Ratio	Lower	Upper
83	100		
55	76.6	63.7	95.5
98	48.7	38.2	57.2

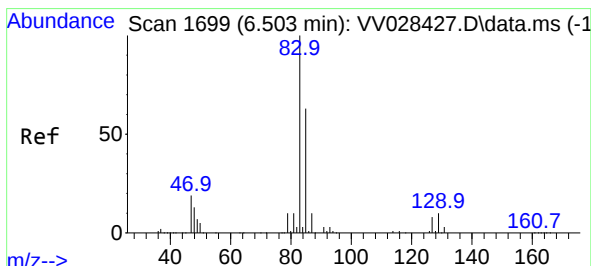
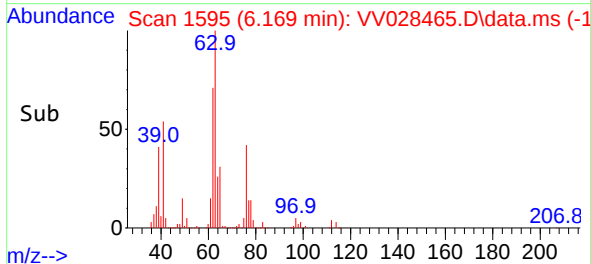
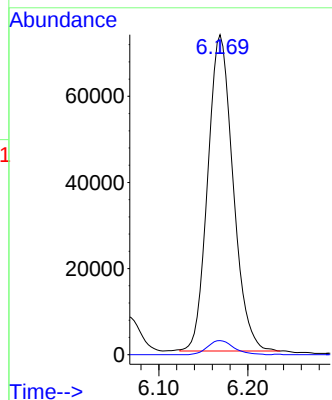
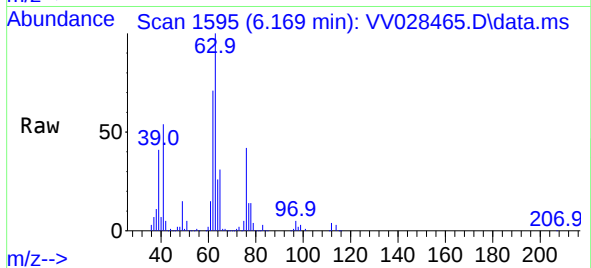




#37
1,2-Dichloropropane
Concen: 48.011 ug/L
RT: 6.169 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

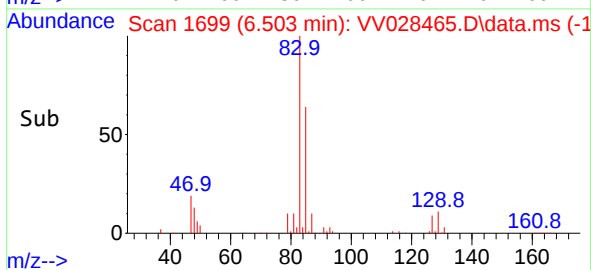
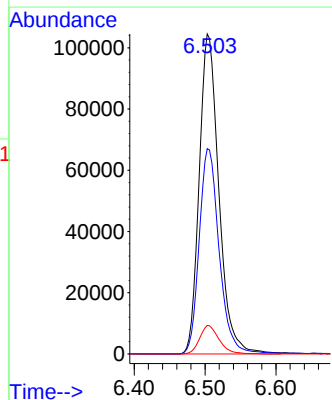
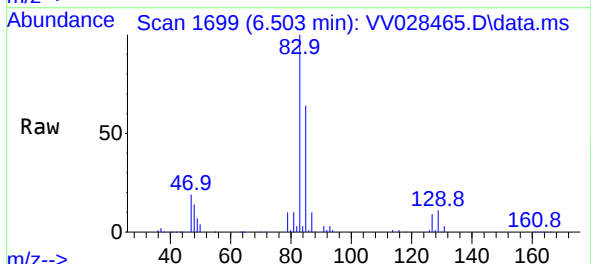
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

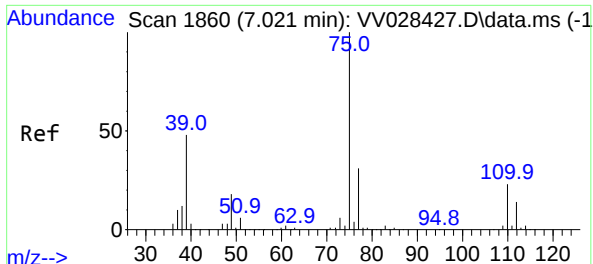
Tgt Ion: 63 Resp: 144980
Ion Ratio Lower Upper
63 100
112 4.6 3.5 5.3



#38
Bromodichloromethane
Concen: 51.180 ug/L
RT: 6.503 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

Tgt Ion: 83 Resp: 201348
Ion Ratio Lower Upper
83 100
85 64.2 45.1 83.7
127 8.9 7.0 10.4

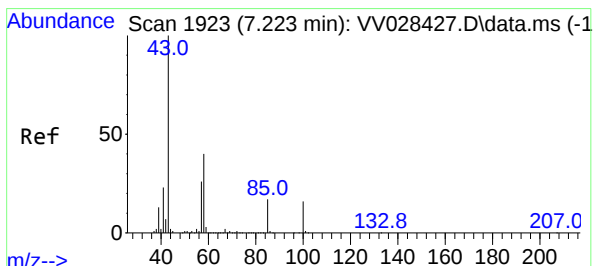
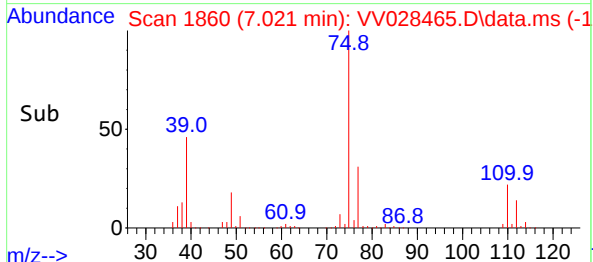
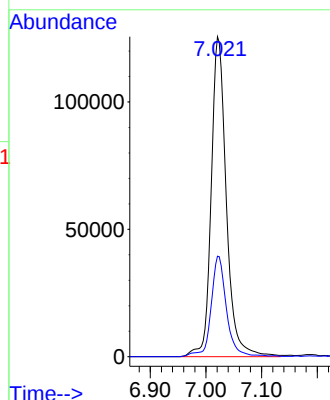
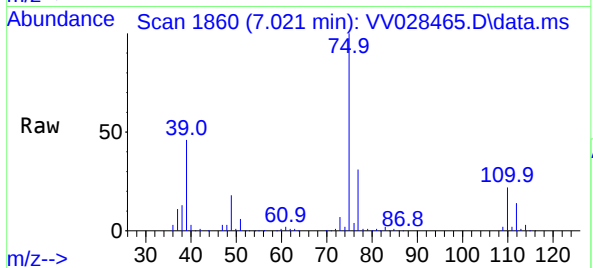




#39
 cis-1,3-Dichloropropene
 Concen: 49.475 ug/L
 RT: 7.021 min Scan# 1860
 Delta R.T. -0.000 min
 Lab File: VV028465.D
 Acq: 09 Oct 2022 02:39

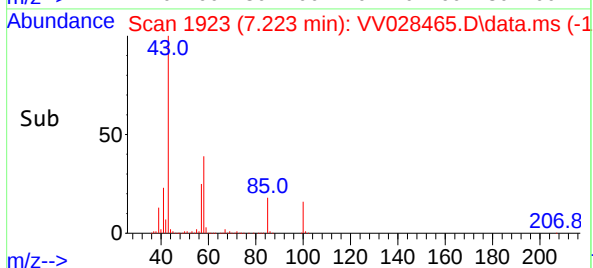
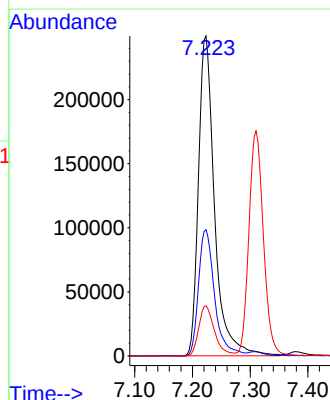
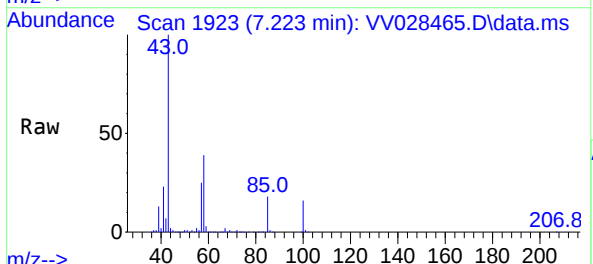
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050353

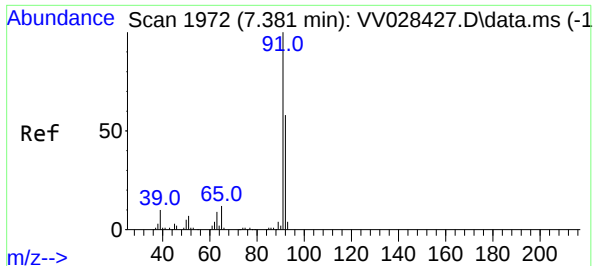
Tgt Ion: 75 Resp: 237676
 Ion Ratio Lower Upper
 75 100
 77 31.4 23.2 43.0



#40
 4-Methyl-2-pentanone
 Concen: 93.672 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. -0.000 min
 Lab File: VV028465.D
 Acq: 09 Oct 2022 02:39

Tgt Ion: 43 Resp: 482427
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.3 46.9
 100 15.4 11.5 17.3

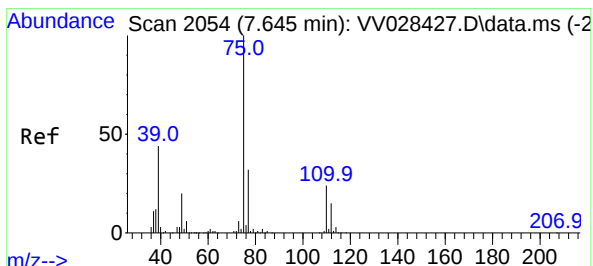
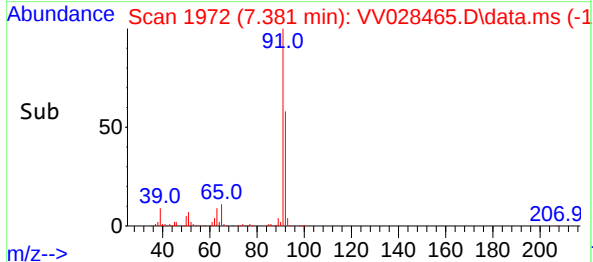
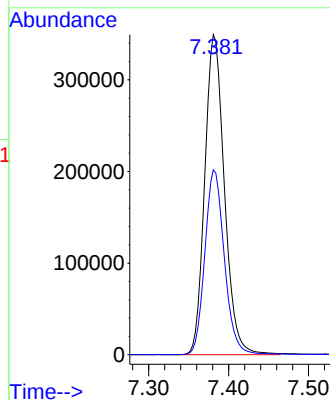
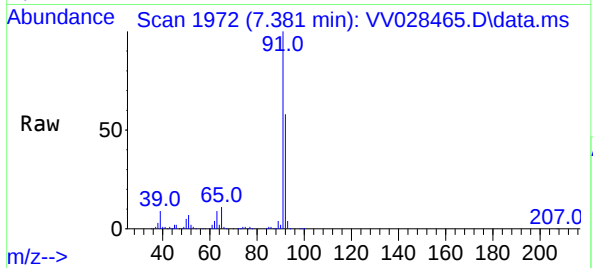




#42
Toluene
Concen: 51.587 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

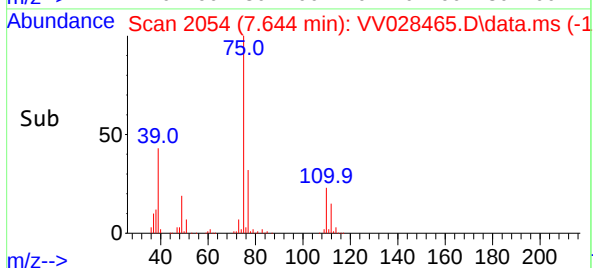
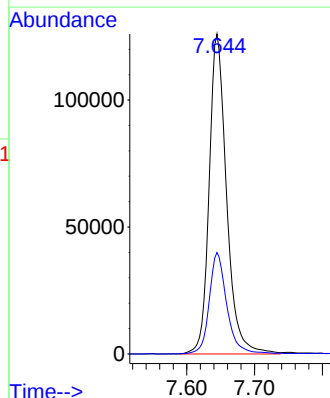
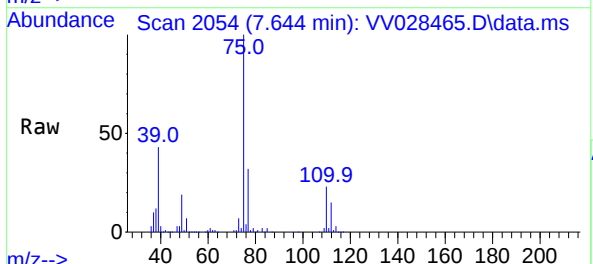
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

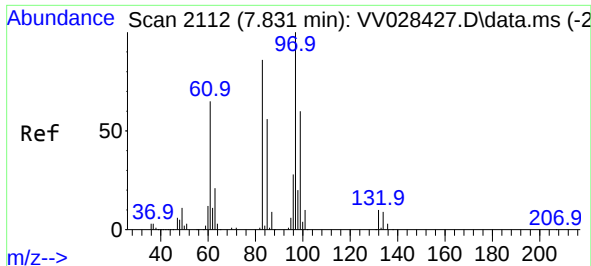
Tgt Ion: 91 Resp: 598913
Ion Ratio Lower Upper
91 100
92 57.8 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 48.831 ug/L
RT: 7.644 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

Tgt Ion: 75 Resp: 225137
Ion Ratio Lower Upper
75 100
77 31.7 21.8 40.4



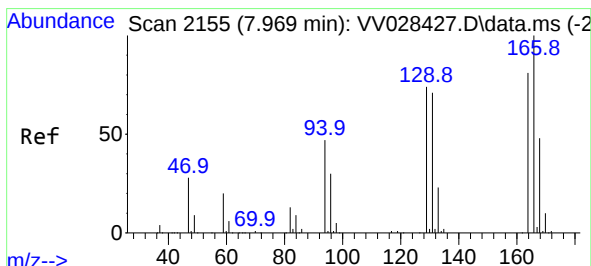
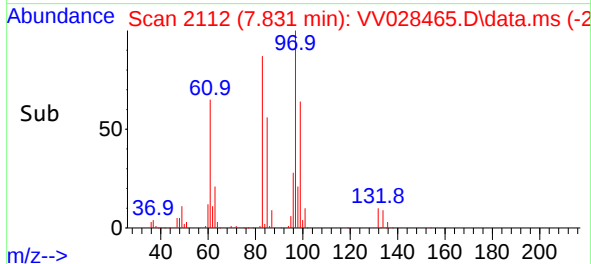
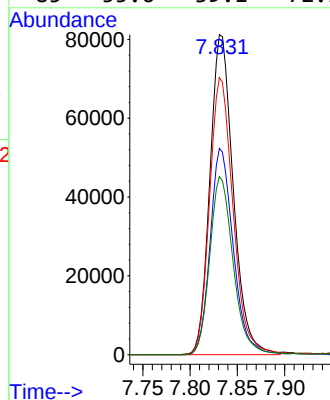
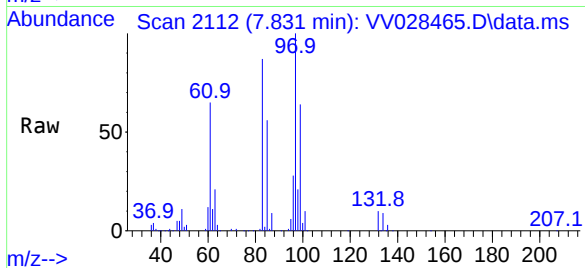


#45
1,1,2-Trichloroethane
Concen: 49.971 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

Tgt Ion: 97 Resp: 139767

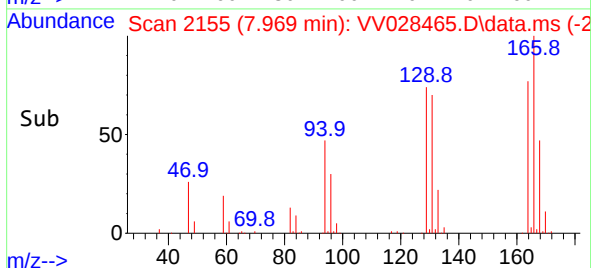
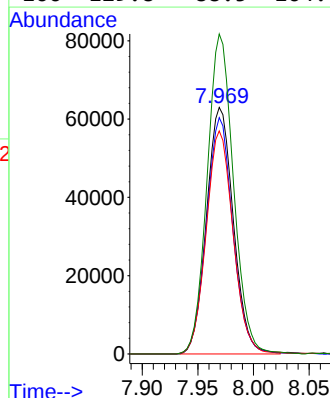
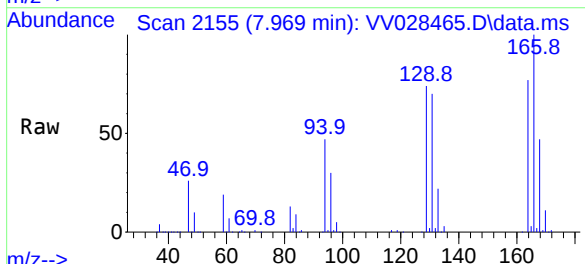
Ion	Ratio	Lower	Upper
97	100		
99	64.4	43.9	81.5
83	86.6	61.9	114.9
85	55.6	39.1	72.5

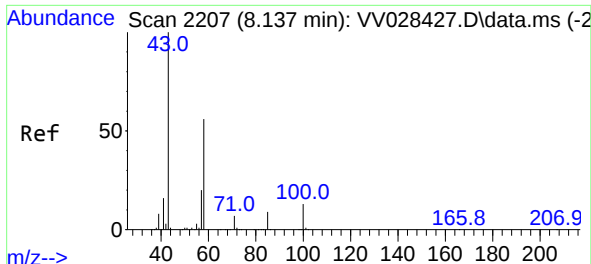


#46
Tetrachloroethene
Concen: 52.730 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

Tgt Ion: 164 Resp: 105868

Ion	Ratio	Lower	Upper
164	100		
129	95.8	67.4	125.2
131	90.5	65.2	121.2
166	129.8	88.5	164.4

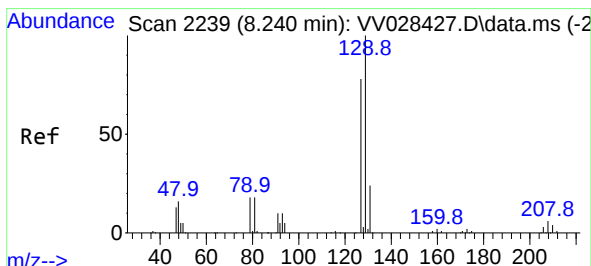
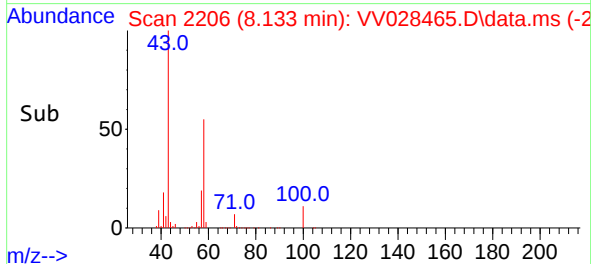
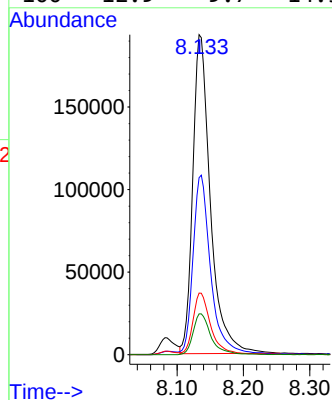
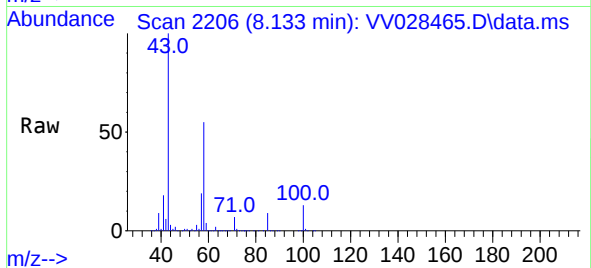




#48
2-Hexanone
Concen: 90.325 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

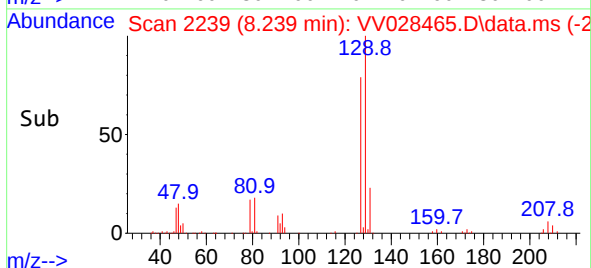
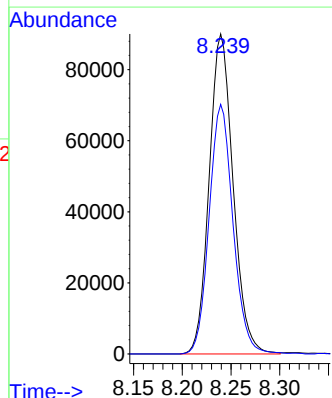
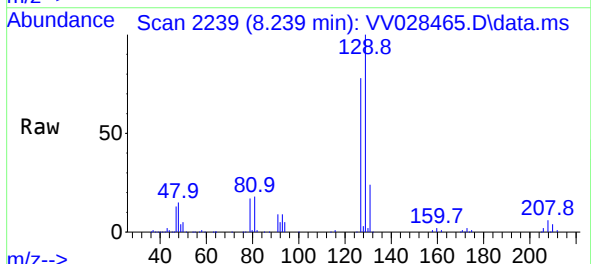
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

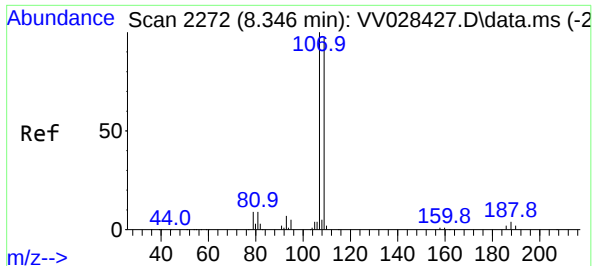
Tgt Ion: 43 Resp: 357118
Ion Ratio Lower Upper
43 100
58 54.9 43.9 65.9
57 18.8 15.1 22.7
100 12.9 9.7 14.5



#49
Dibromochloromethane
Concen: 51.161 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

Tgt Ion: 129 Resp: 153812
Ion Ratio Lower Upper
129 100
127 78.0 53.6 99.6

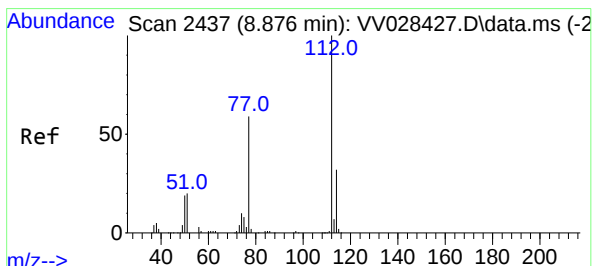
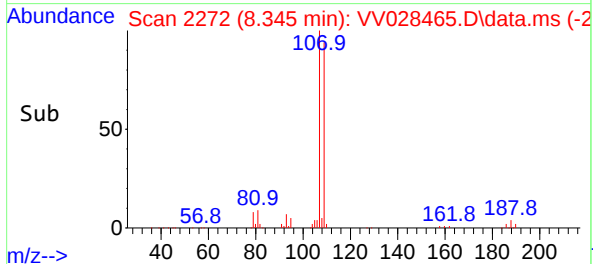
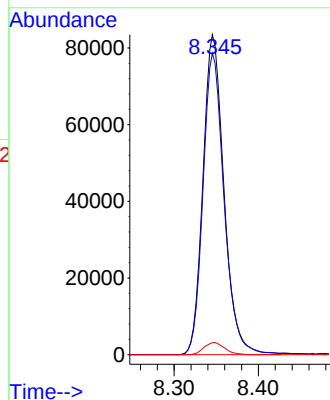
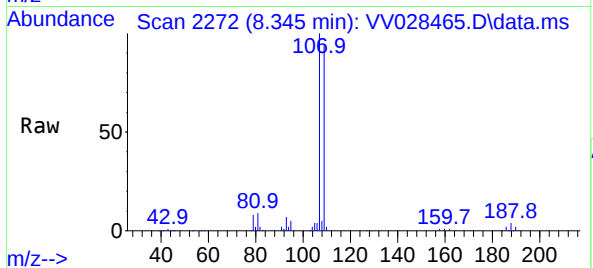




#50
1,2-Dibromoethane
Concen: 50.025 ug/L
RT: 8.345 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

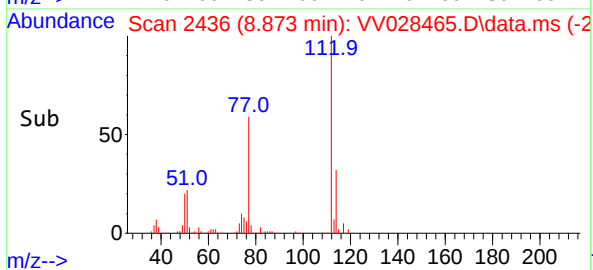
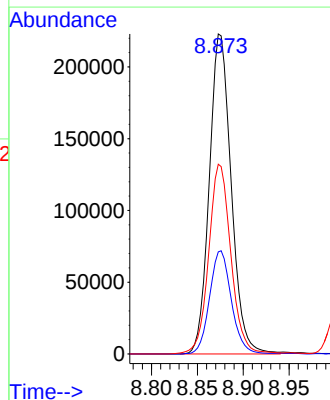
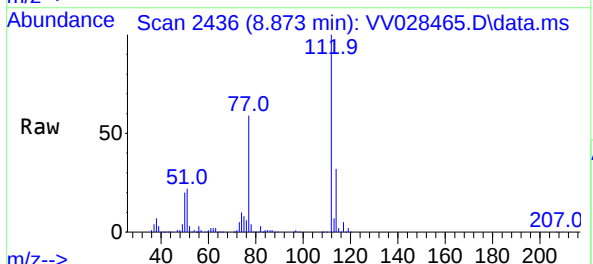
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

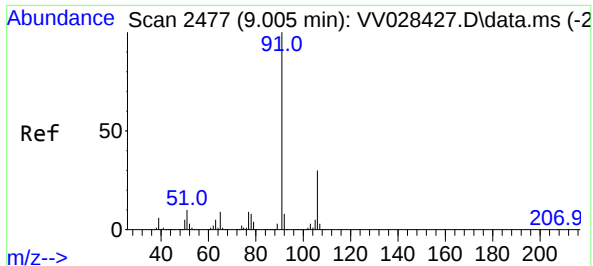
Tgt Ion:107 Resp: 144874
Ion Ratio Lower Upper
107 100
109 94.2 65.9 122.5
188 4.0 3.0 4.4



#51
Chlorobenzene
Concen: 50.805 ug/L
RT: 8.873 min Scan# 2436
Delta R.T. -0.003 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

Tgt Ion:112 Resp: 370067
Ion Ratio Lower Upper
112 100
114 31.9 21.7 40.3
77 59.3 48.7 73.1





#52

Ethylbenzene

Concen: 51.676 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. -0.000 min

Lab File: VV028465.D

Acq: 09 Oct 2022 02:39

Instrument :

MSVOA_V

ClientSampleId :

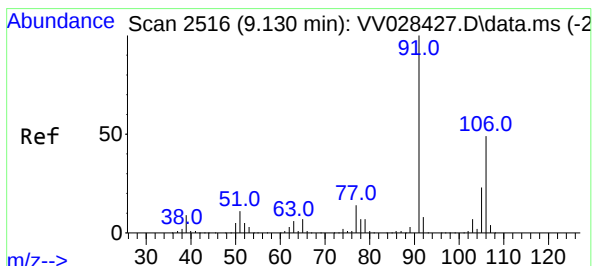
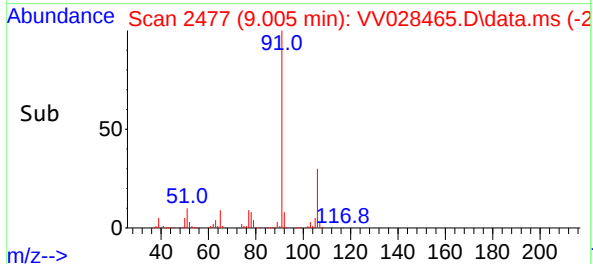
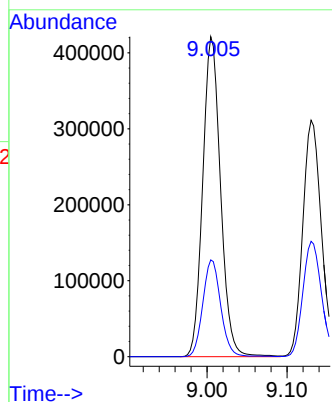
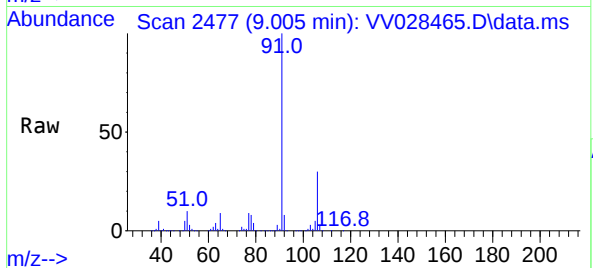
VSTD050353

Tgt Ion: 91 Resp: 653908

Ion Ratio Lower Upper

91 100

106 30.3 21.4 39.8



#53

m,p-Xylene

Concen: 51.358 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. -0.000 min

Lab File: VV028465.D

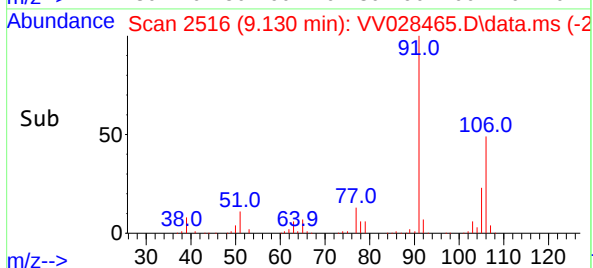
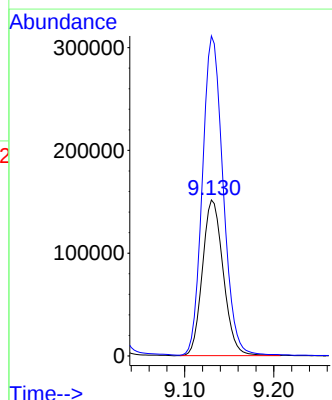
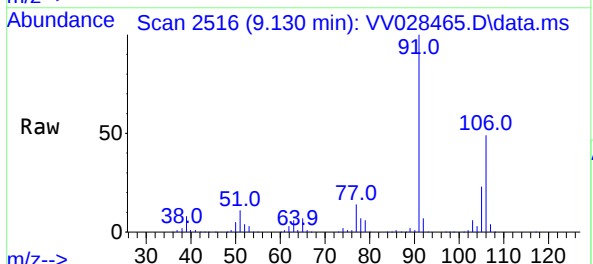
Acq: 09 Oct 2022 02:39

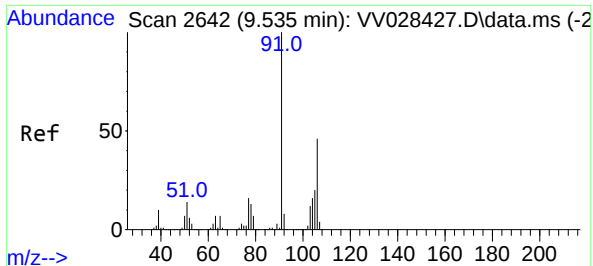
Tgt Ion: 106 Resp: 246324

Ion Ratio Lower Upper

106 100

91 205.0 145.2 269.6

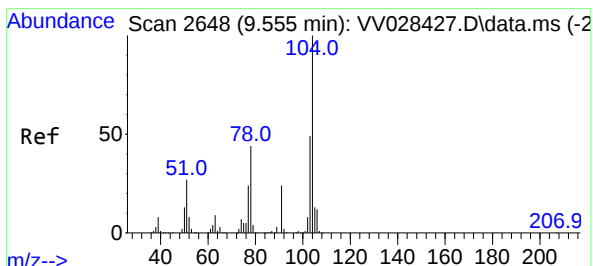
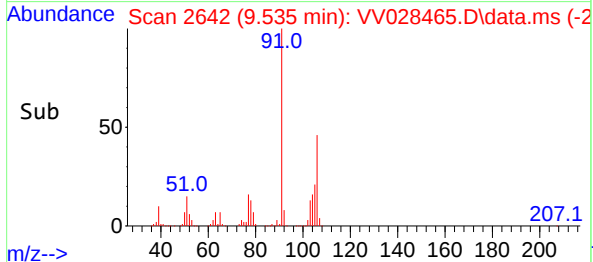
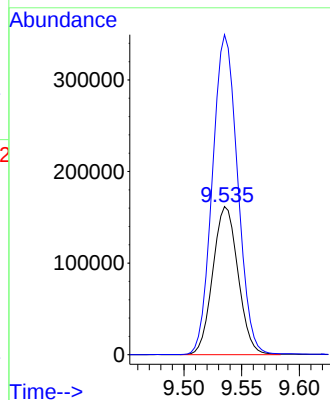
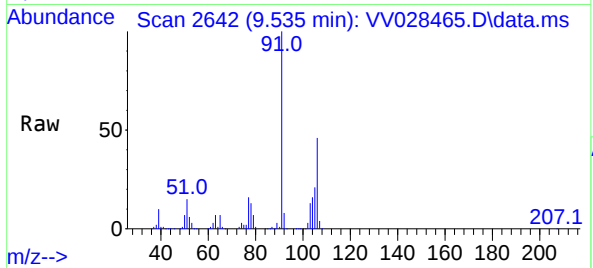




#54
o-Xylene
Concen: 51.220 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

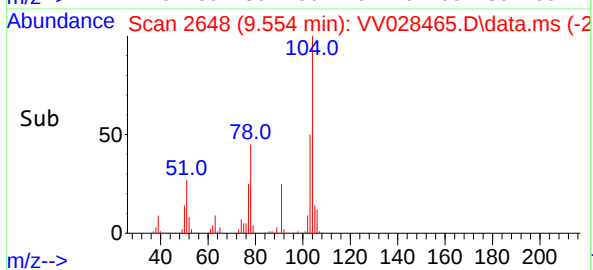
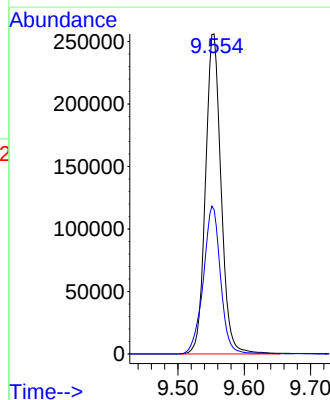
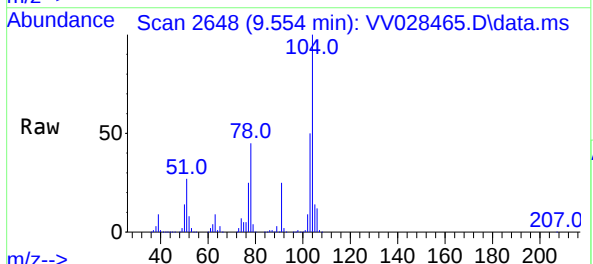
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

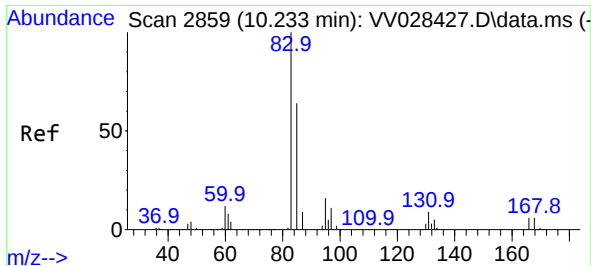
Tgt Ion:106 Resp: 245980
Ion Ratio Lower Upper
106 100
91 216.1 152.5 283.3



#55
Styrene
Concen: 50.858 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

Tgt Ion:104 Resp: 419431
Ion Ratio Lower Upper
104 100
78 45.1 31.9 59.2

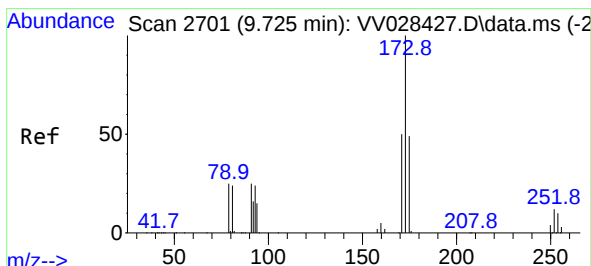
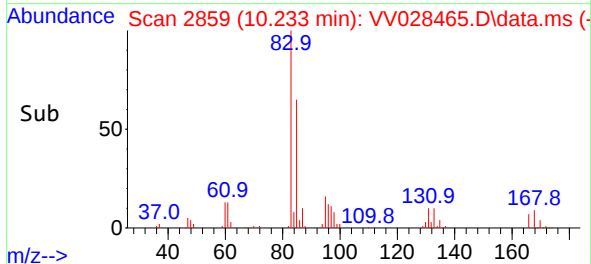
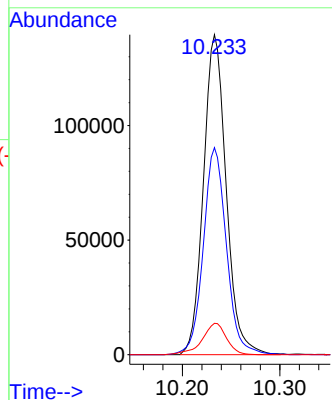
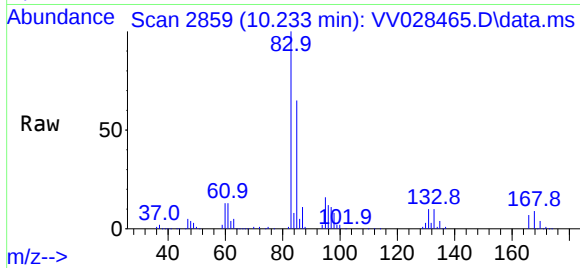




#57
1,1,2,2-Tetrachloroethane
Concen: 47.254 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

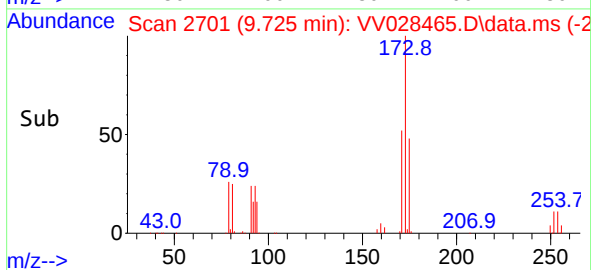
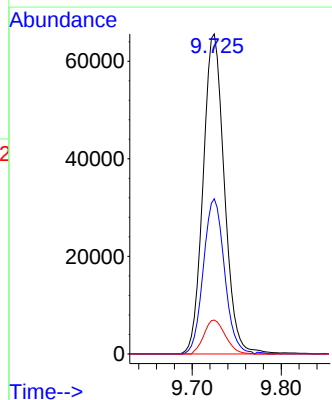
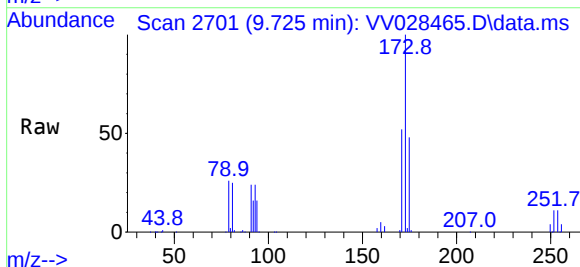
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

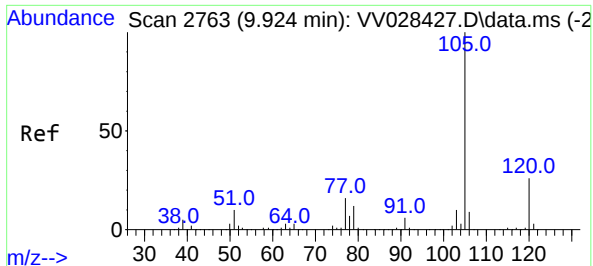
Tgt Ion: 83 Resp: 226343
Ion Ratio Lower Upper
83 100
85 64.7 44.8 83.2
131 9.8 7.2 10.8



#59
Bromoform
Concen: 49.655 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

Tgt Ion: 173 Resp: 108661
Ion Ratio Lower Upper
173 100
175 48.2 38.6 57.8
254 10.7 8.4 12.6

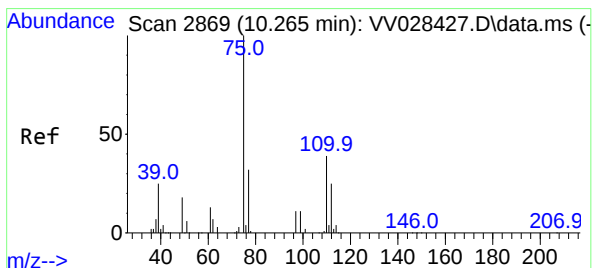
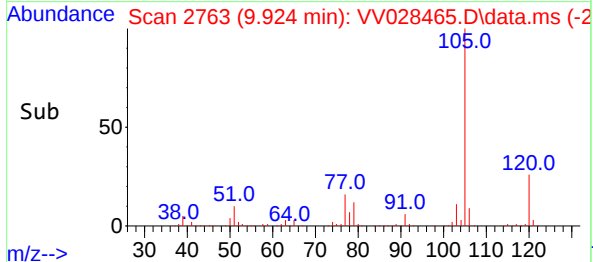
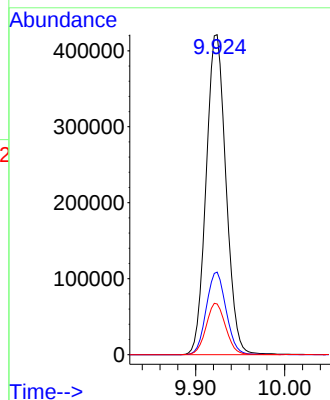
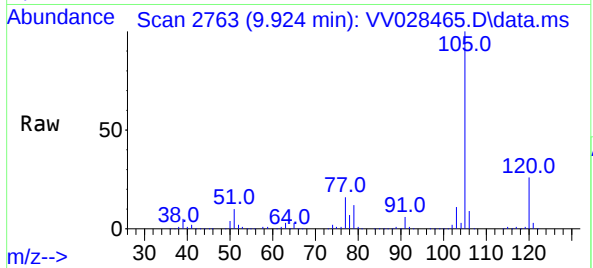




#60
Isopropylbenzene
Concen: 51.162 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

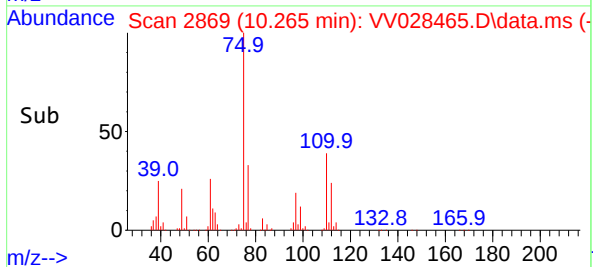
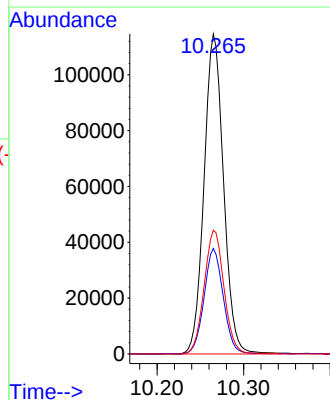
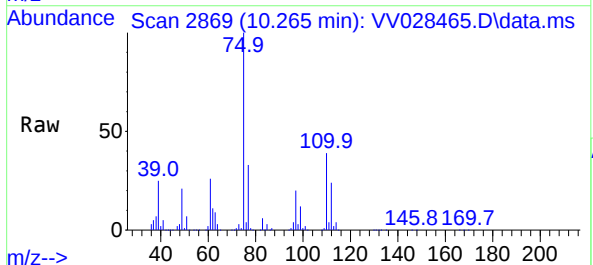
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

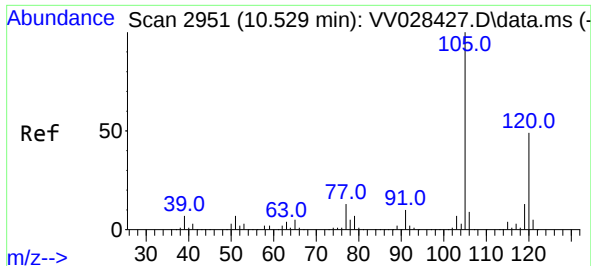
Tgt Ion:105 Resp: 651478
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7
77 15.9 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 47.698 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

Tgt Ion: 75 Resp: 179439
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5
110 39.3 30.0 45.0

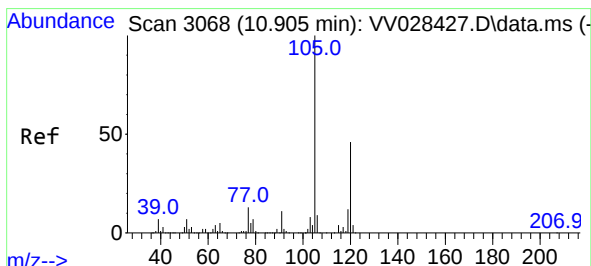
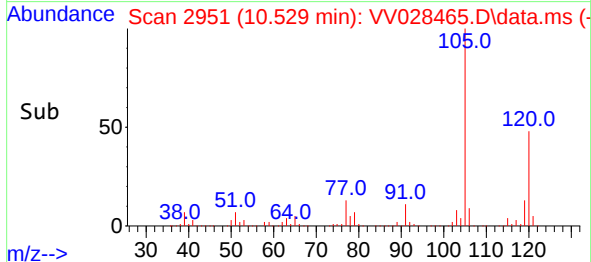
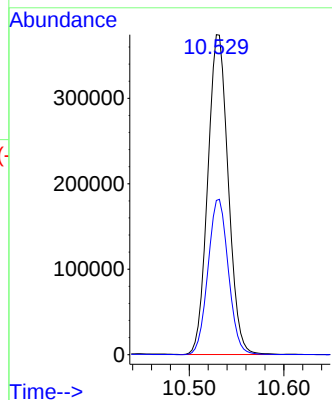
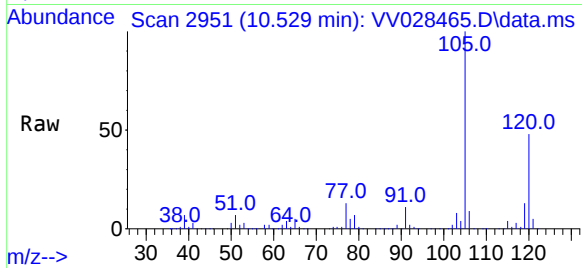




#62
1,3,5-Trimethylbenzene
Concen: 51.046 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

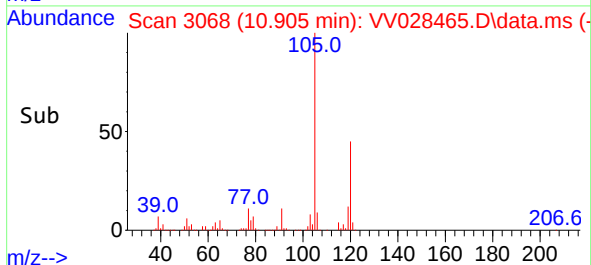
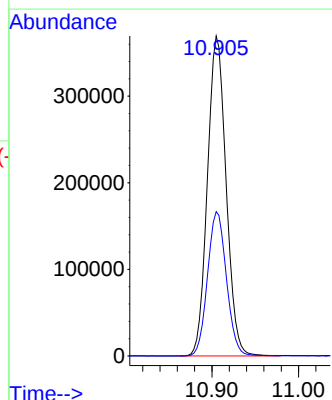
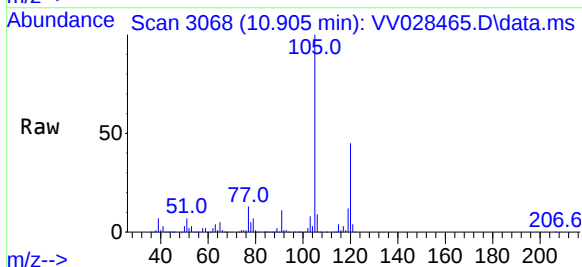
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

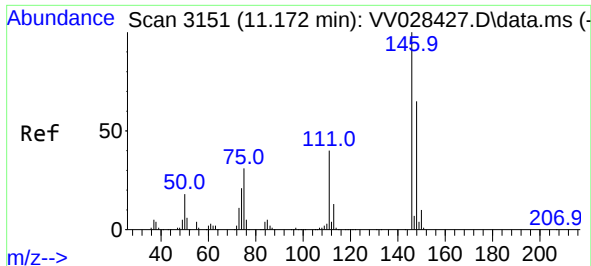
Tgt Ion:105 Resp: 562967
Ion Ratio Lower Upper
105 100
120 48.5 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 50.577 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

Tgt Ion:105 Resp: 553660
Ion Ratio Lower Upper
105 100
120 45.6 35.9 53.9

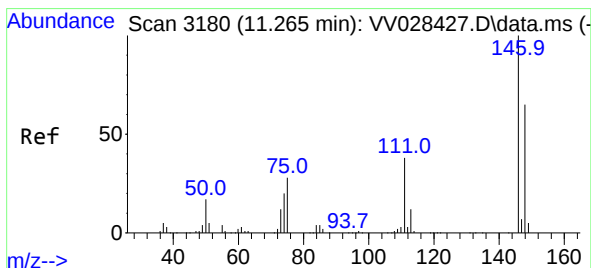
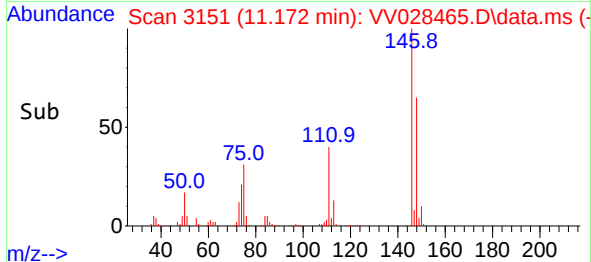
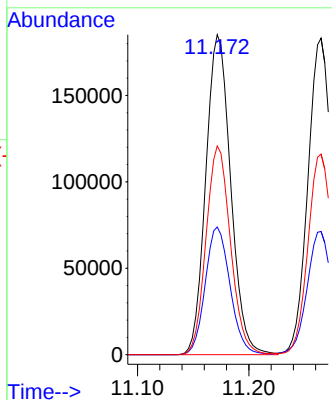
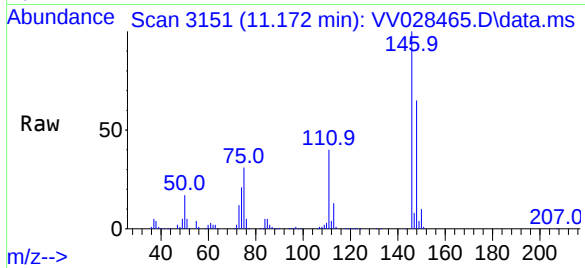




#64
1,3-Dichlorobenzene
Concen: 51.692 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

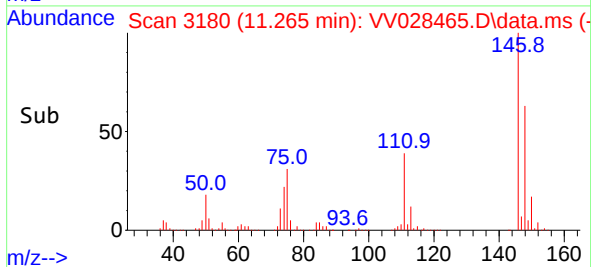
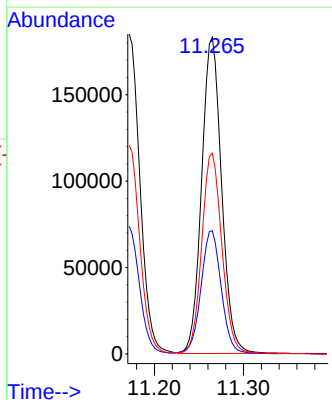
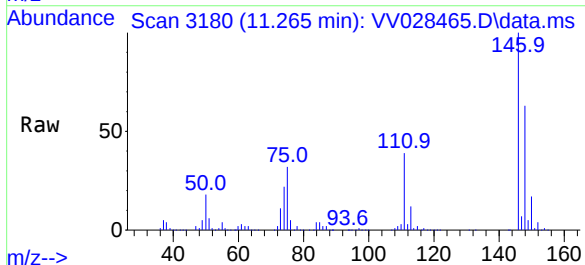
Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

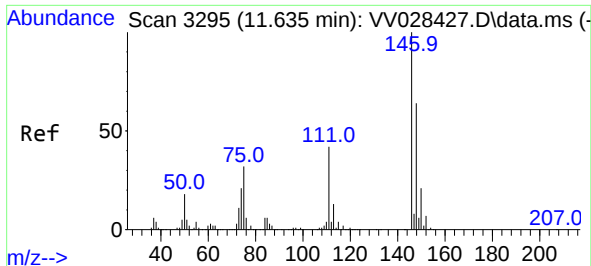
Tgt Ion:146 Resp: 287898
Ion Ratio Lower Upper
146 100
111 39.9 29.0 53.9
148 65.2 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 51.047 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

Tgt Ion:146 Resp: 283685
Ion Ratio Lower Upper
146 100
111 38.9 26.6 49.4
148 63.4 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 51.704 ug/L

RT: 11.635 min Scan# 3295

Delta R.T. -0.000 min

Lab File: VV028465.D

Acq: 09 Oct 2022 02:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD050353

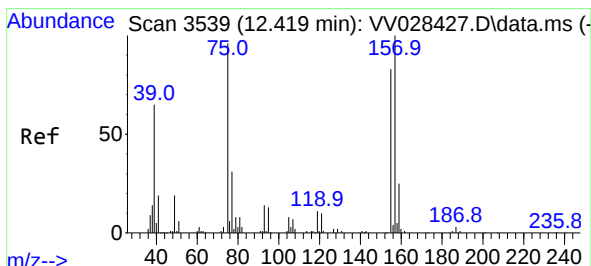
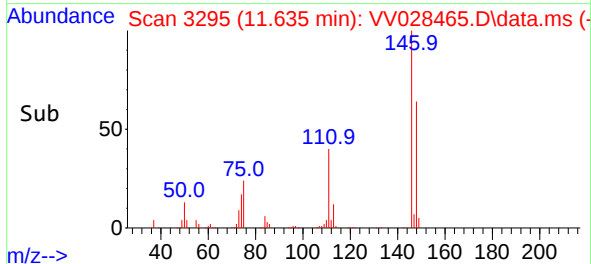
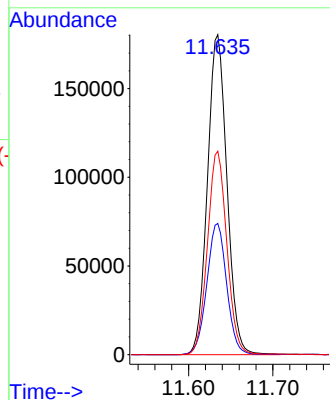
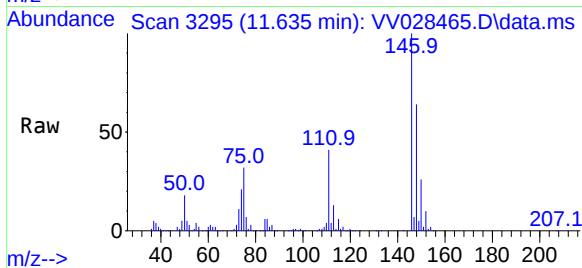
Tgt Ion:146 Resp: 290636

Ion Ratio Lower Upper

146 100

111 41.0 33.9 50.9

148 63.6 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 47.722 ug/L

RT: 12.419 min Scan# 3539

Delta R.T. -0.000 min

Lab File: VV028465.D

Acq: 09 Oct 2022 02:39

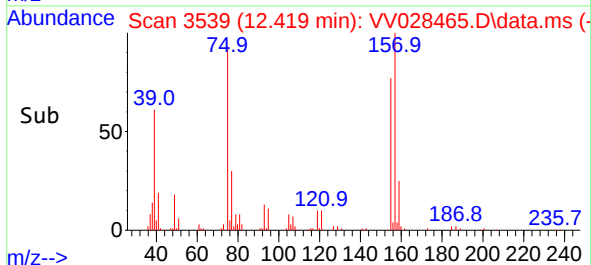
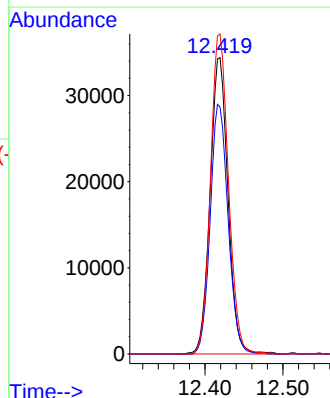
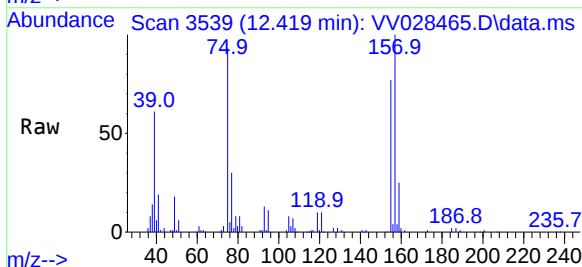
Tgt Ion: 75 Resp: 54939

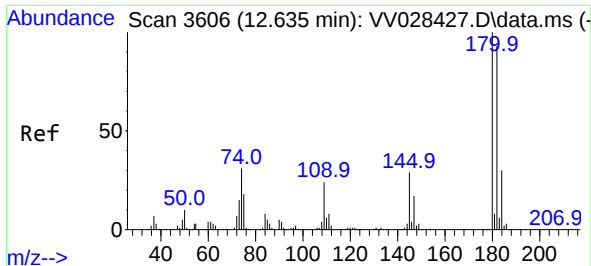
Ion Ratio Lower Upper

75 100

155 83.3 65.0 97.6

157 108.0 86.0 129.0



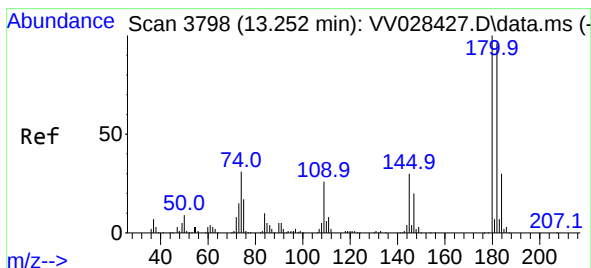
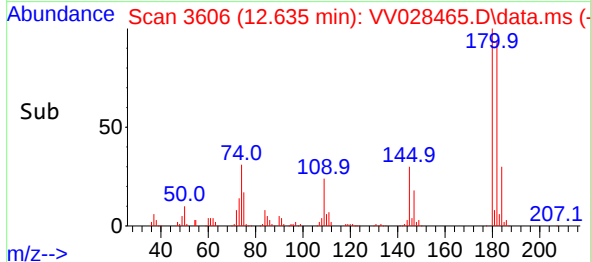
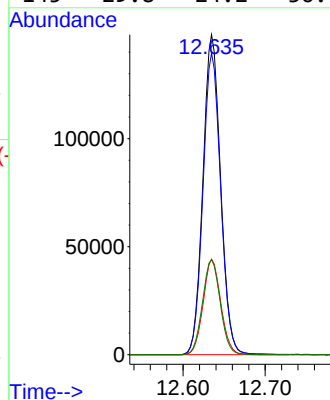
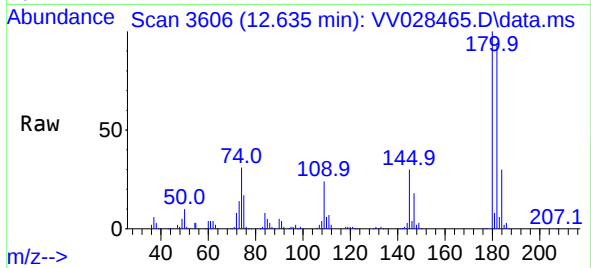


#69
 1,3,5-Trichlorobenzene
 Concen: 52.313 ug/L
 RT: 12.635 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VV028465.D
 Acq: 09 Oct 2022 02:39

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050353

Tgt Ion:180 Resp: 221290

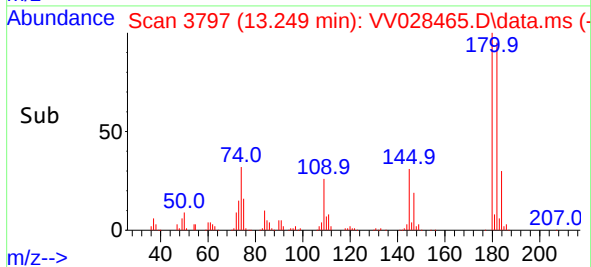
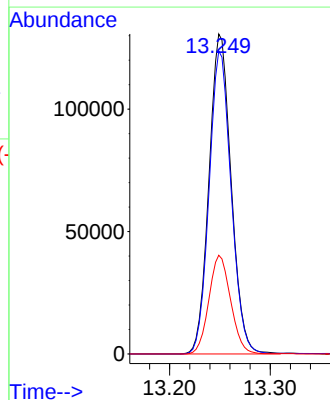
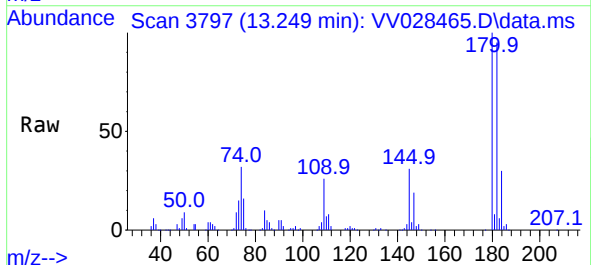
Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.9	113.9
184	29.8	24.0	36.0
145	29.8	24.2	36.4

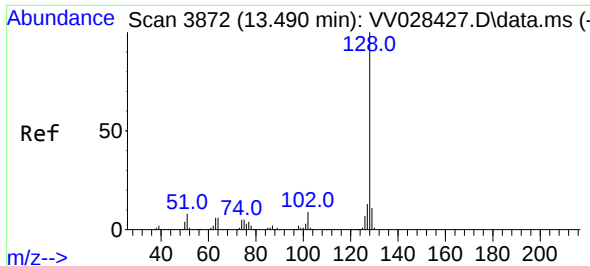


#70
 1,2,4-trichlorobenzene
 Concen: 53.574 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. -0.003 min
 Lab File: VV028465.D
 Acq: 09 Oct 2022 02:39

Tgt Ion:180 Resp: 199746

Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.3	112.9
145	30.3	24.3	36.5

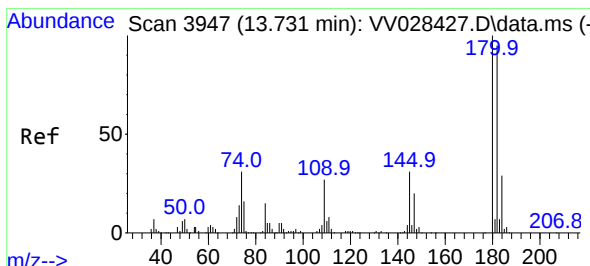
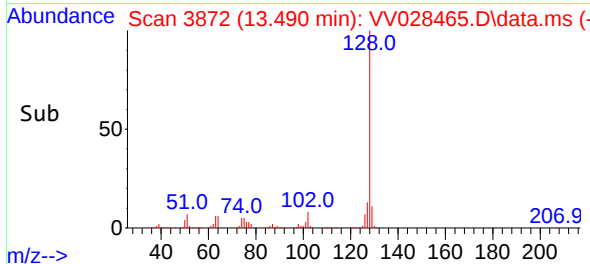
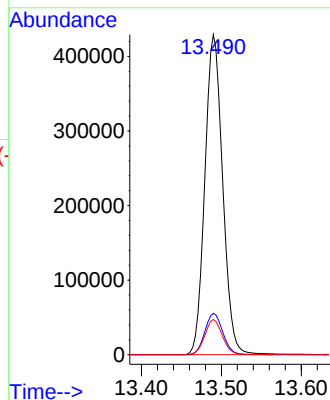
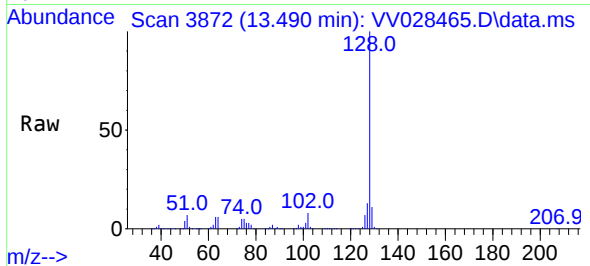




#71
Naphthalene
Concen: 57.379 ug/L
RT: 13.490 min Scan# 3872
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

Instrument :
MSVOA_V
ClientSampleId :
VSTD050353

Tgt Ion:128 Resp: 665404
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.8 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 54.762 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VV028465.D
Acq: 09 Oct 2022 02:39

Tgt Ion:180 Resp: 199066
Ion Ratio Lower Upper
180 100
182 96.2 75.4 113.0
145 32.9 26.5 39.7

