

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100722\
 Data File : VW028398.D
 Acq On : 07 Oct 2022 11:04
 Operator : SY/MD
 Sample : VSTD05066
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050266

Quant Time: Oct 07 23:21:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 23:20:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	462884	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	424718	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	218372	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	191617	49.721	ug/L	0.00
7) Chloroethane-d5	1.564	69	151435	48.925	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.104	63	321822	46.964	ug/L	0.00
21) 2-Butanone-d5	3.889	46	301175	113.359	ug/L	0.00
24) Chloroform-d	4.342	84	346092	46.498	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	224385	51.440	ug/L	0.00
32) Benzene-d6	5.043	84	717415	55.302	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	235966	55.870	ug/L	0.00
41) Toluene-d8	7.310	98	642712	56.851	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	120326	64.878	ug/L	0.00
47) 2-Hexanone-d5	8.082	63	255399	133.852	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	316784	50.780	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	236530	56.269	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	176751	38.717	ug/L	100
3) Chloromethane	1.240	50	202146	45.902	ug/L	100
5) Vinyl chloride	1.307	62	200955	43.597	ug/L	100
6) Bromomethane	1.519	94	89002	33.349	ug/L	100
8) Chloroethane	1.584	64	123132	45.185	ug/L	100
9) Trichlorofluoromethane	1.751	101	251596	40.127	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	141826	38.891	ug/L	100
12) 1,1-Dichloroethene	2.114	96	139702	40.736	ug/L	100
13) Acetone	2.185	43	193437	101.268	ug/L	93
14) Carbon disulfide	2.291	76	443391	44.458	ug/L	100
15) Methyl Acetate	2.432	43	191875	47.973	ug/L	100
16) Methylene chloride	2.503	84	178123	40.472	ug/L	100
17) trans-1,2-Dichloroethene	2.754	96	159278	43.393	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	594114	55.390	ug/L	100
19) 1,1-Dichloroethane	3.185	63	329975	47.928	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	185977	47.497	ug/L	100
22) 2-Butanone	3.976	43	312109	121.162	ug/L	100
23) Bromochloromethane	4.243	128	91344	41.727	ug/L	100
25) Chloroform	4.368	83	325311	44.895	ug/L	100
27) 1,2-Dichloroethane	5.124	62	249255	48.027	ug/L	100
29) Cyclohexane	4.670	56	314192	65.832	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	283355	50.329	ug/L	100
31) Carbon tetrachloride	4.821	117	233415	47.871	ug/L	100
33) Benzene	5.095	78	712923	52.204	ug/L	100
34) Trichloroethene	5.908	95	175201	49.792	ug/L	100
35) Methylcyclohexane	6.127	83	305001	57.126	ug/L	100
37) 1,2-Dichloropropane	6.169	63	197309	54.834	ug/L	100
38) Bromodichloromethane	6.503	83	248852	51.202	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	310006	59.700	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	655752	142.434	ug/L	100
42) Toluene	7.381	91	735820	53.159	ug/L	100
44) trans-1,3-Dichloropropene	7.644	75	292475	58.126	ug/L	100

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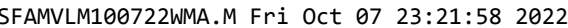
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050266

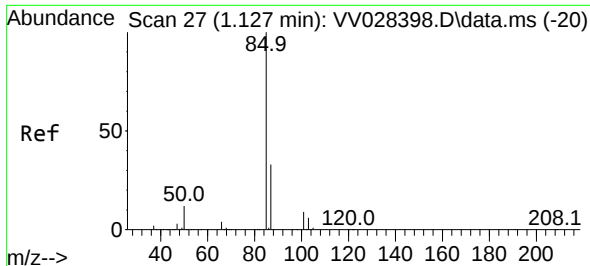
Quant Time: Oct 07 23:21:49 2022
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 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 23:20:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.831	97	175355	47.098	ug/L	100
46) Tetrachloroethene	7.969	164	127013	47.089	ug/L	100
48) 2-Hexanone	8.133	43	496961	141.268	ug/L	100
49) Dibromochloromethane	8.239	129	190892	48.589	ug/L	100
50) 1,2-Dibromoethane	8.345	107	183886	48.071	ug/L	100
51) Chlorobenzene	8.873	112	459132	47.735	ug/L	100
52) Ethylbenzene	9.005	91	800772	54.798	ug/L	100
53) m,p-Xylene	9.130	106	302602	53.681	ug/L	100
54) o-Xylene	9.535	106	304304	55.181	ug/L	100
55) Styrene	9.551	104	528201	55.310	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	299163	49.358	ug/L	100
59) Bromoform	9.725	173	138226	54.904	ug/L	100
60) Isopropylbenzene	9.924	105	804082	59.942	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	234950	52.710	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	698245	62.967	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	692701	62.748	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	349545	52.551	ug/L	100
65) 1,4-Dichlorobenzene	11.265	146	349398	49.839	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	354779	52.047	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.416	75	70838	57.707	ug/L	100
69) 1,3,5-Trichlorobenzene	12.635	180	264795	54.972	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	240585	58.118	ug/L	100
71) Naphthalene	13.490	128	740856	58.101	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	236837	56.496	ug/L	100

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

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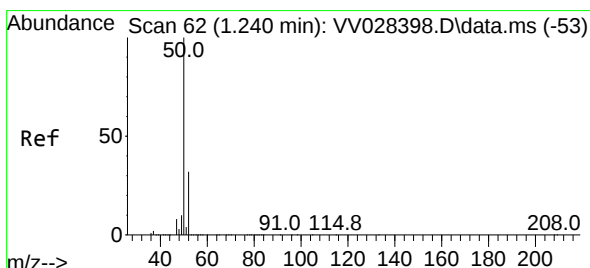
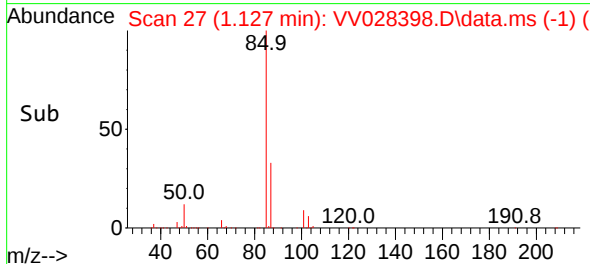
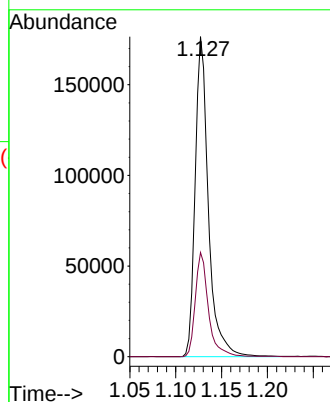
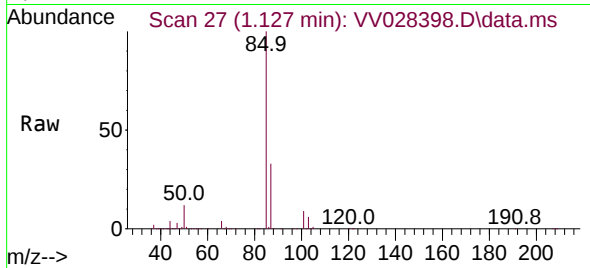




#2
 Dichlorodifluoromethane
 Concen: 38.717 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028398.D
 Acq: 07 Oct 2022 11:04

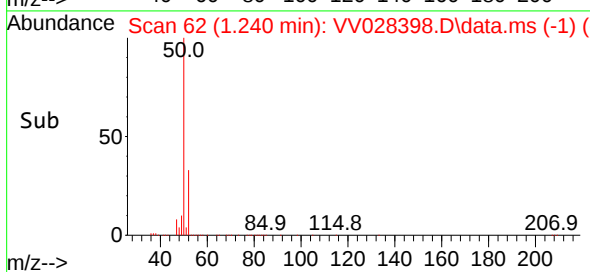
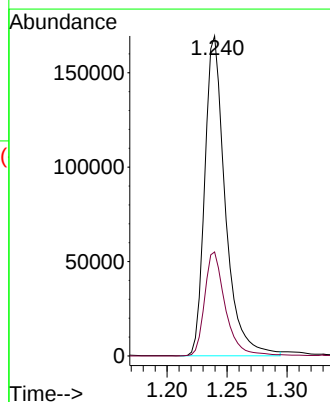
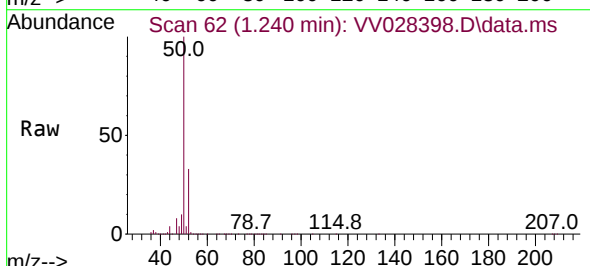
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050266

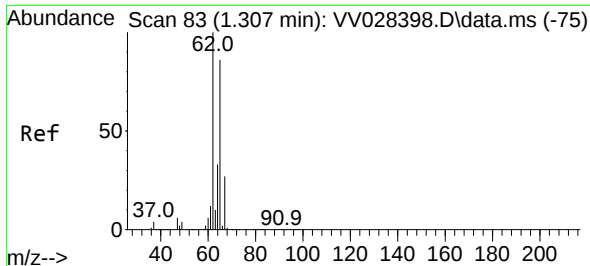
Tgt Ion: 85 Resp: 176751
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 45.902 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV028398.D
 Acq: 07 Oct 2022 11:04

Tgt Ion: 50 Resp: 202146
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.7 42.3

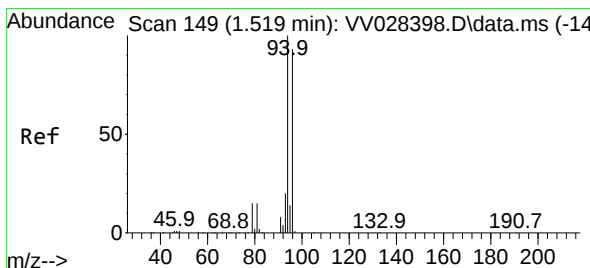
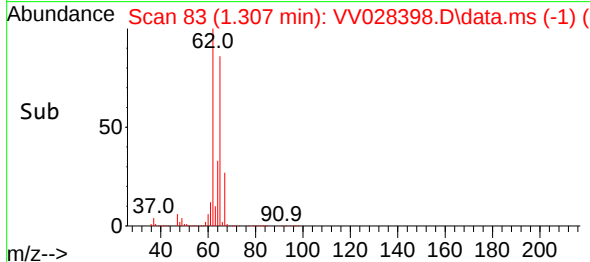
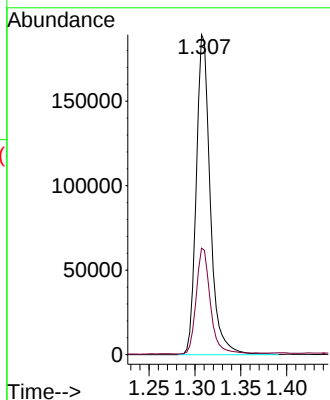
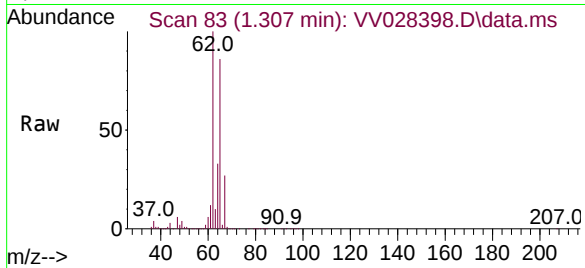




#5
 Vinyl chloride
 Concen: 43.597 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV028398.D
 Acq: 07 Oct 2022 11:04

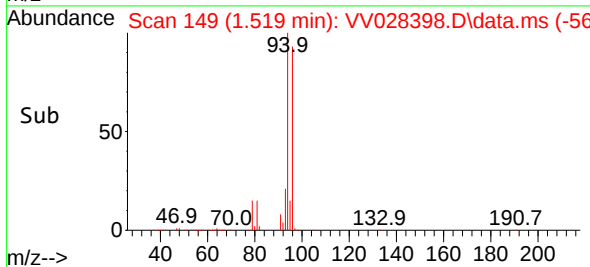
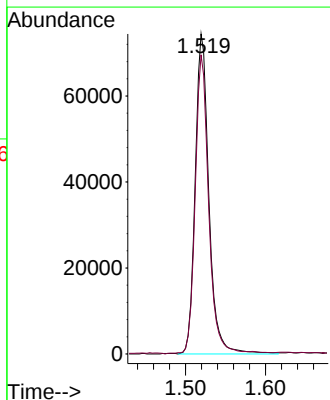
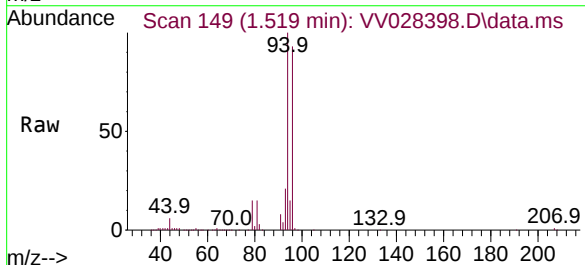
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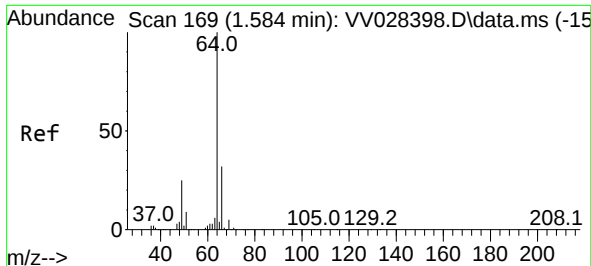
Tgt Ion: 62 Resp: 200955
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.3 43.3



#6
 Bromomethane
 Concen: 33.349 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV028398.D
 Acq: 07 Oct 2022 11:04

Tgt Ion: 94 Resp: 89002
 Ion Ratio Lower Upper
 94 100
 96 93.5 65.5 121.6

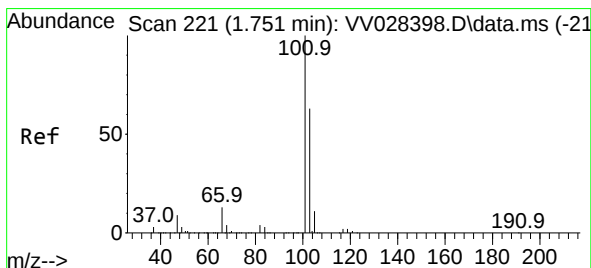
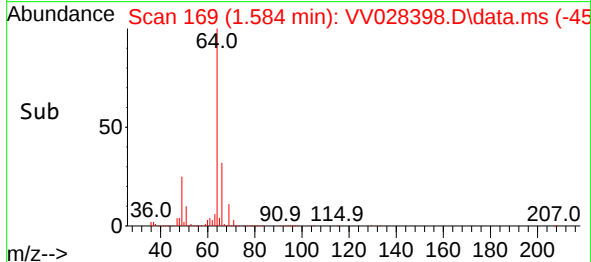
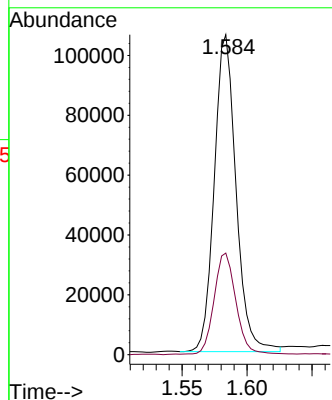
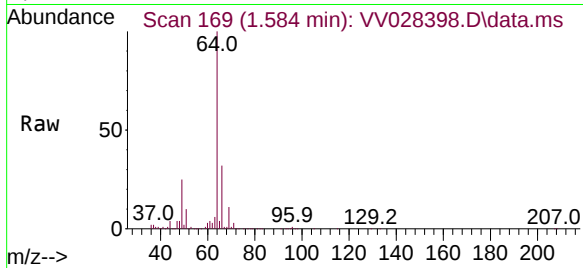




#8
Chloroethane
Concen: 45.185 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

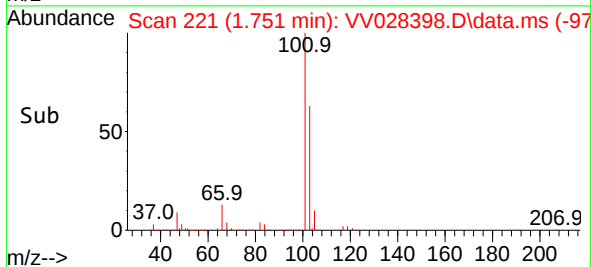
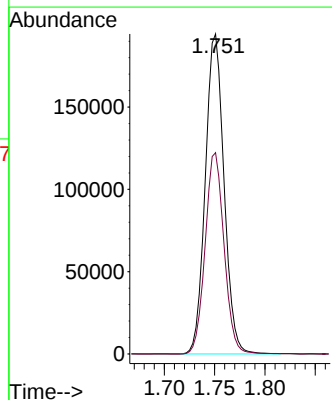
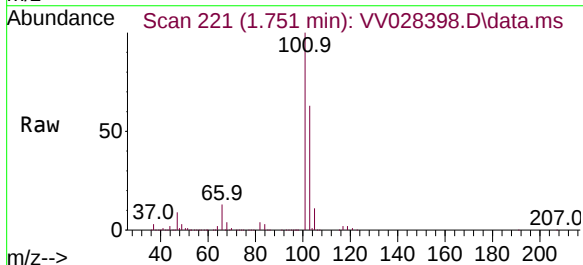
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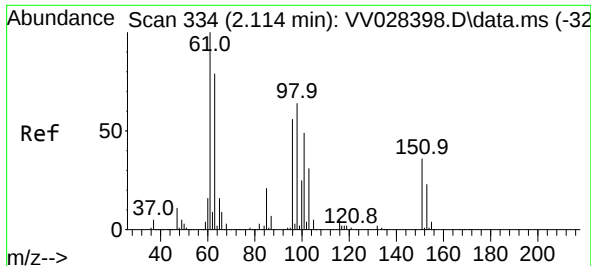
Tgt Ion: 64 Resp: 123132
Ion Ratio Lower Upper
64 100
66 31.7 22.2 41.2



#9
Trichlorofluoromethane
Concen: 40.127 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

Tgt Ion: 101 Resp: 251596
Ion Ratio Lower Upper
101 100
103 63.4 50.7 76.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 38.891 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV028398.D

Acq: 07 Oct 2022 11:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD050266

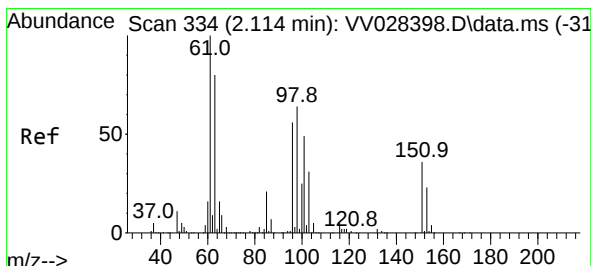
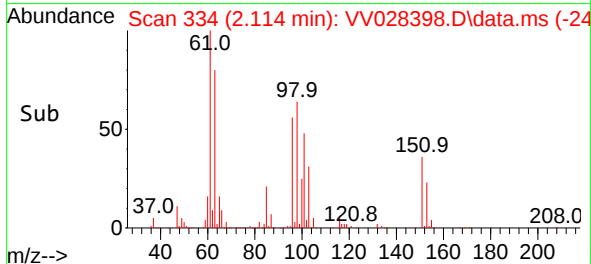
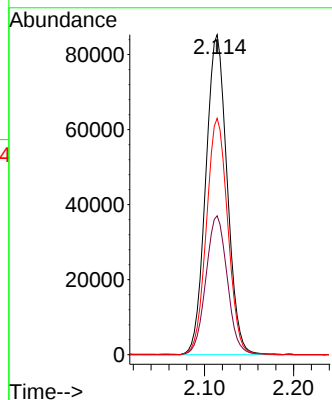
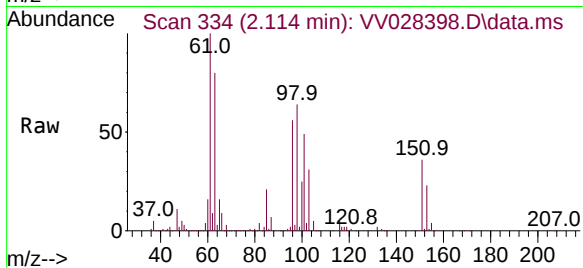
Tgt Ion:101 Resp: 141826

Ion Ratio Lower Upper

101 100

85 43.6 34.9 52.3

151 74.0 59.2 88.8



#12

1,1-Dichloroethene

Concen: 40.736 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV028398.D

Acq: 07 Oct 2022 11:04

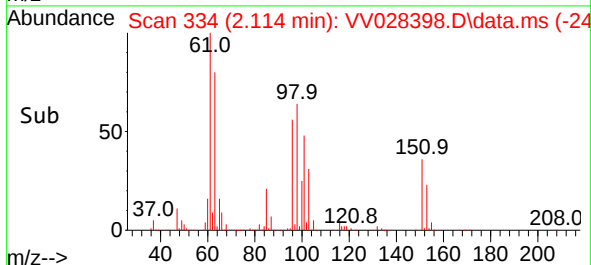
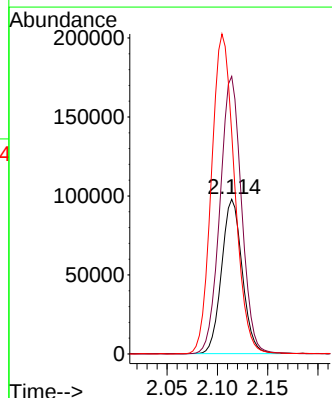
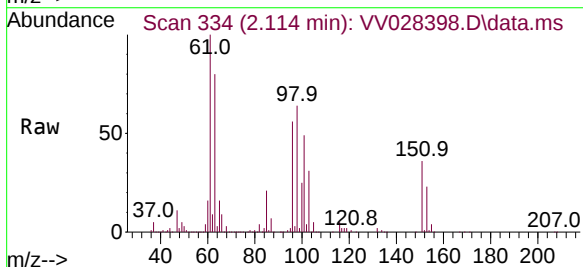
Tgt Ion: 96 Resp: 139702

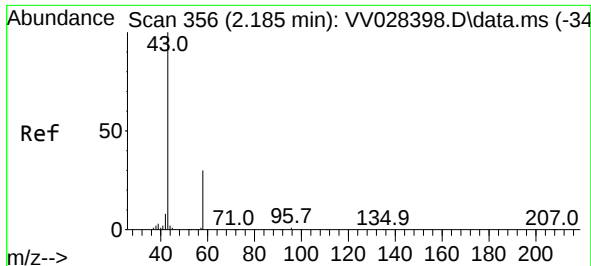
Ion Ratio Lower Upper

96 100

61 179.4 125.6 233.2

63 142.8 100.0 185.6

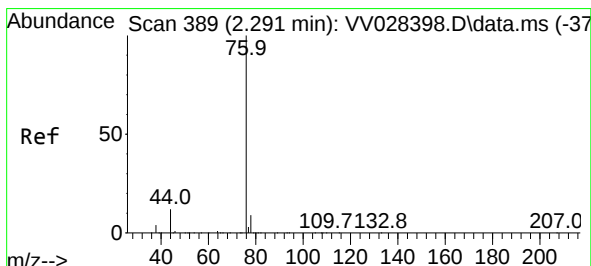
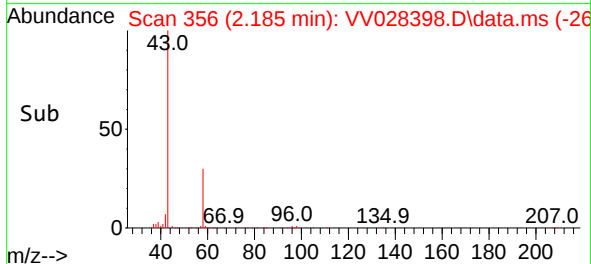
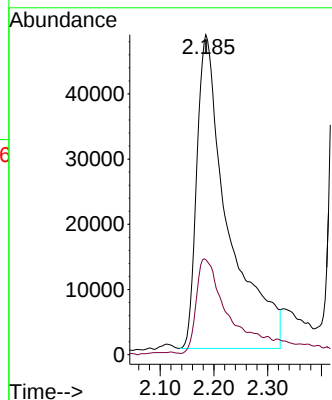
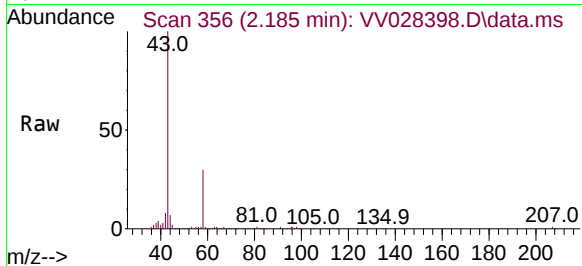




#13
Acetone
Concen: 101.268 ug/L
RT: 2.185 min Scan# 356
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

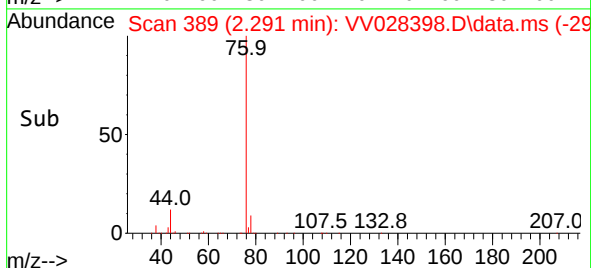
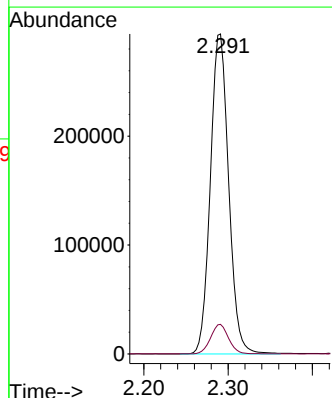
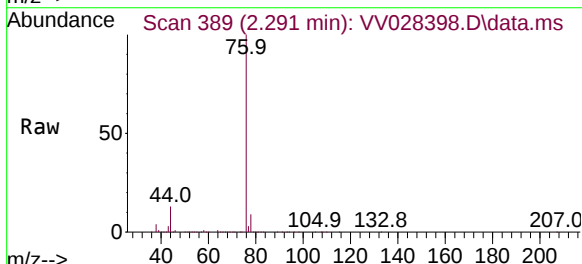
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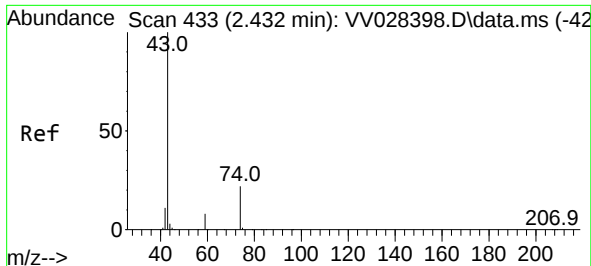
Tgt Ion: 43 Resp: 193437
Ion Ratio Lower Upper
43 100
58 26.8 0.0 47.0



#14
Carbon disulfide
Concen: 44.458 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

Tgt Ion: 76 Resp: 443391
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

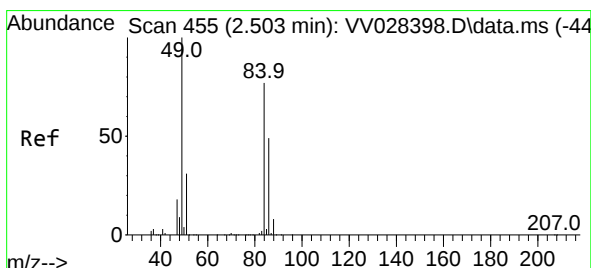
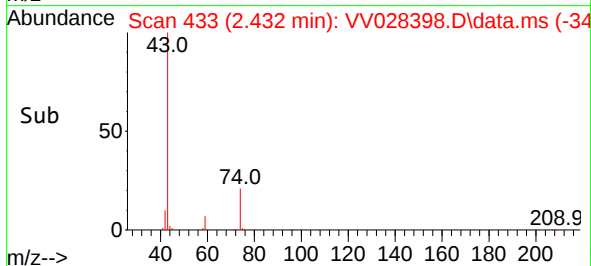
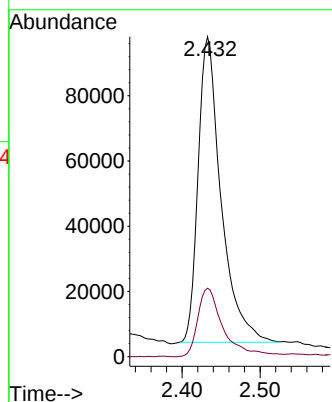
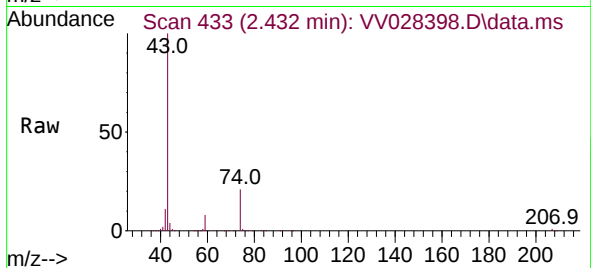




#15
Methyl Acetate
Concen: 47.973 ug/L
RT: 2.432 min Scan# 433
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

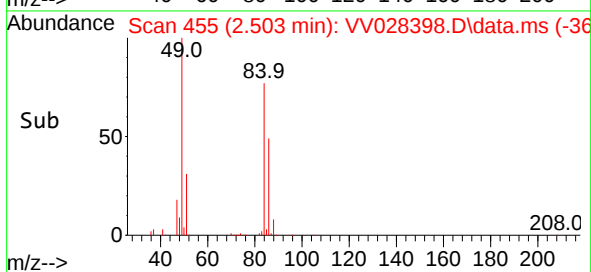
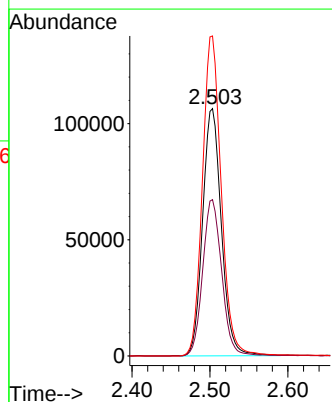
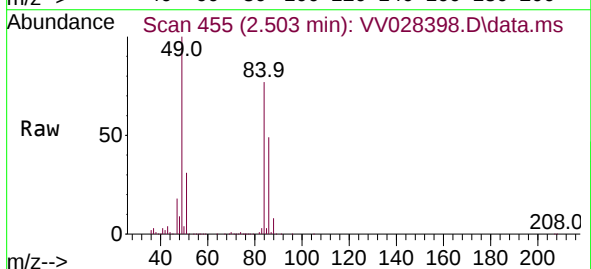
Instrument :
MSVOA_V
ClientSampleId :
VSTD050266

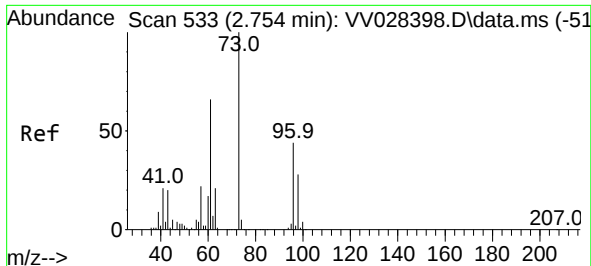
Tgt Ion: 43 Resp: 191875
Ion Ratio Lower Upper
43 100
74 23.5 18.8 28.2



#16
Methylene chloride
Concen: 40.472 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

Tgt Ion: 84 Resp: 178123
Ion Ratio Lower Upper
84 100
86 63.2 44.2 82.2
49 129.3 90.5 168.1

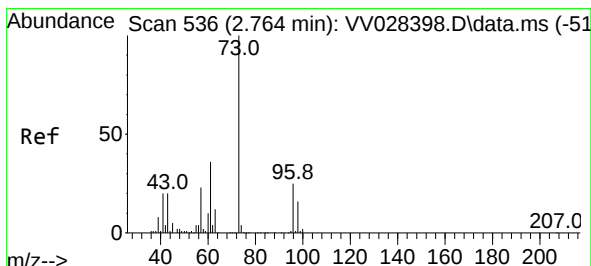
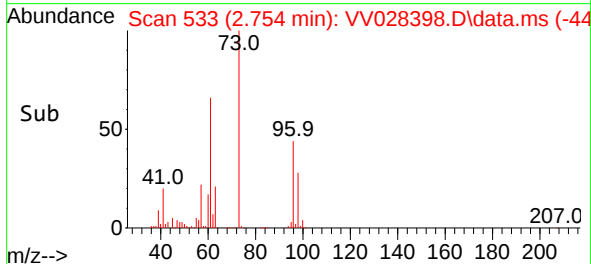
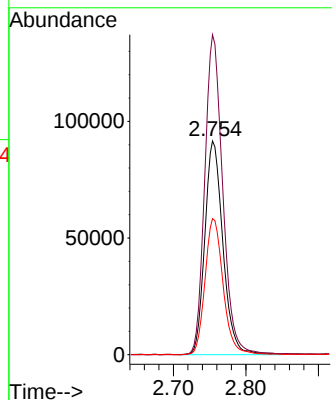
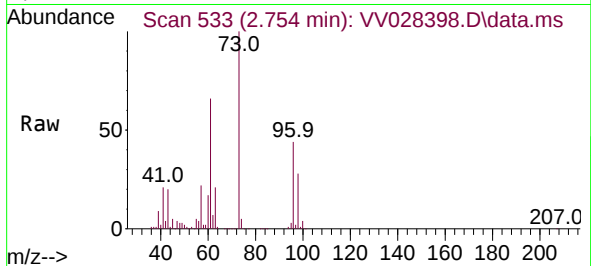




#17
trans-1,2-Dichloroethene
Concen: 43.393 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

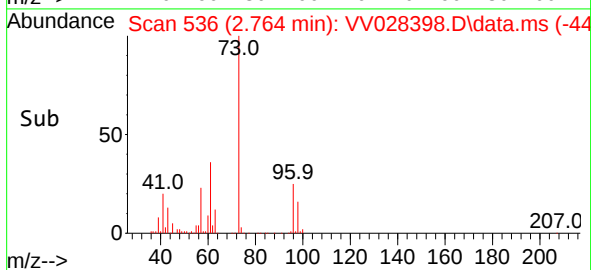
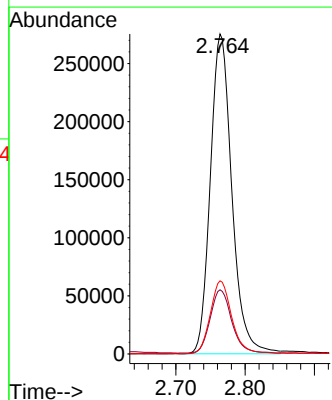
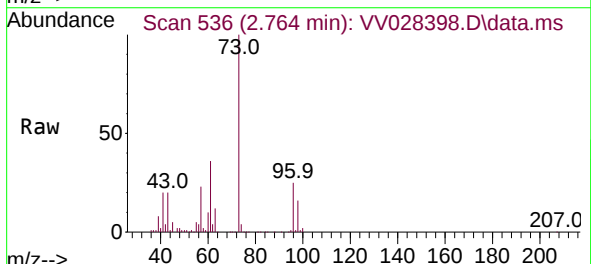
Instrument :
MSVOA_V
ClientSampleId :
VSTD050266

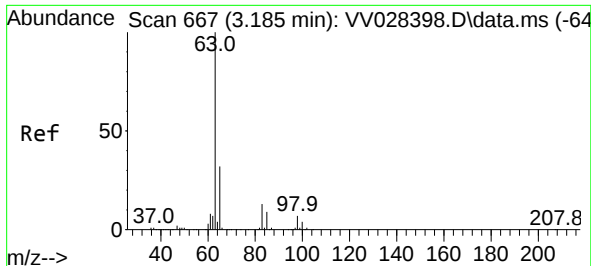
Tgt Ion: 96 Resp: 159278
Ion Ratio Lower Upper
96 100
61 149.7 104.8 194.6
98 63.6 44.5 82.7



#18
Methyl tert-butyl Ether
Concen: 55.390 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

Tgt Ion: 73 Resp: 594114
Ion Ratio Lower Upper
73 100
43 19.5 15.6 23.4
57 22.8 18.2 27.4





#19

1,1-Dichloroethane

Concen: 47.928 ug/L

RT: 3.185 min Scan# 667

Delta R.T. 0.000 min

Lab File: VV028398.D

Acq: 07 Oct 2022 11:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD050266

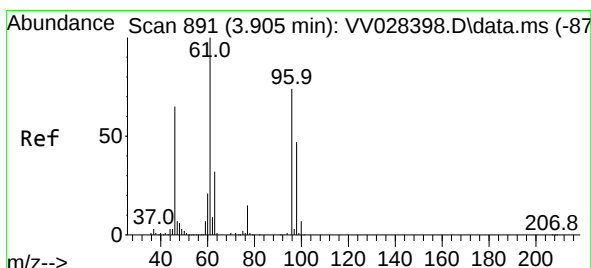
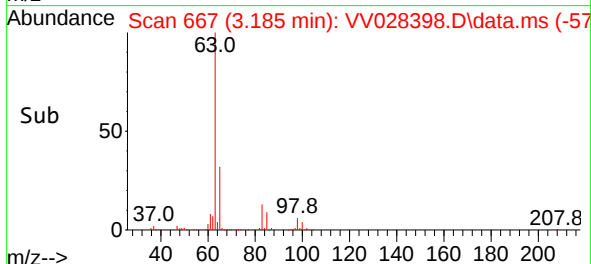
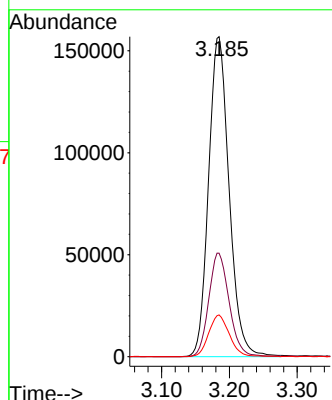
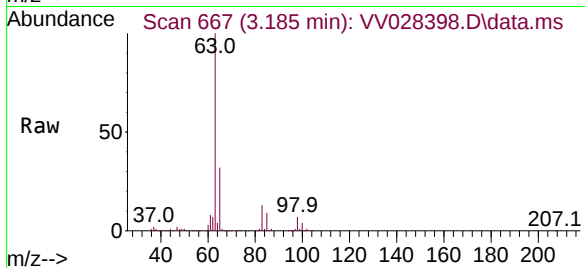
Tgt Ion: 63 Resp: 329975

Ion Ratio Lower Upper

63 100

65 32.3 22.6 42.0

83 13.1 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 47.497 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV028398.D

Acq: 07 Oct 2022 11:04

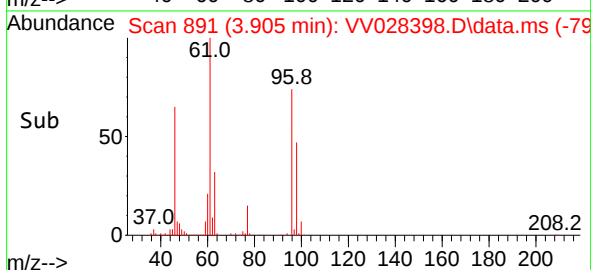
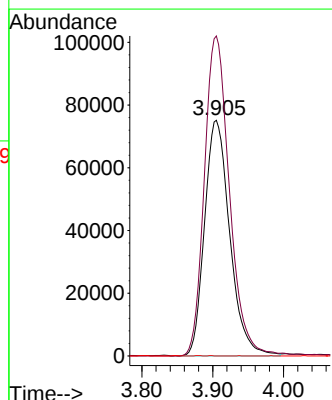
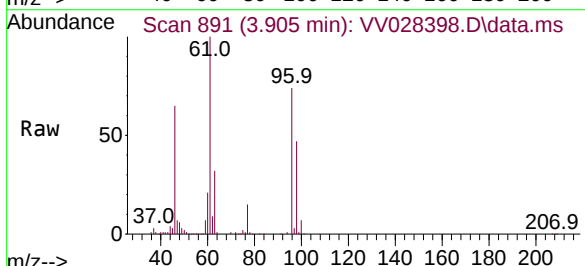
Tgt Ion: 96 Resp: 185977

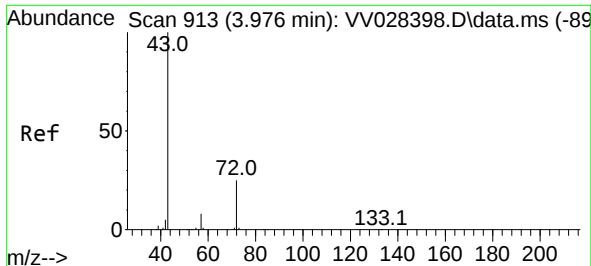
Ion Ratio Lower Upper

96 100

61 135.7 95.0 176.4

68 0.0 0.0 0.0

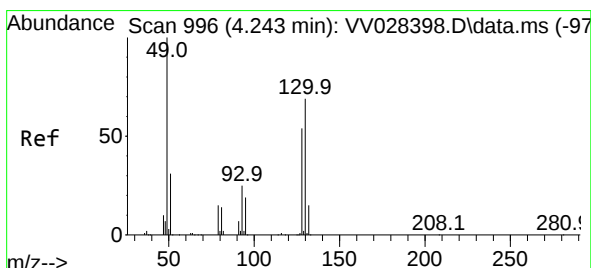
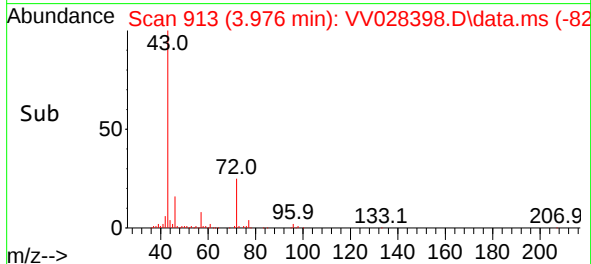
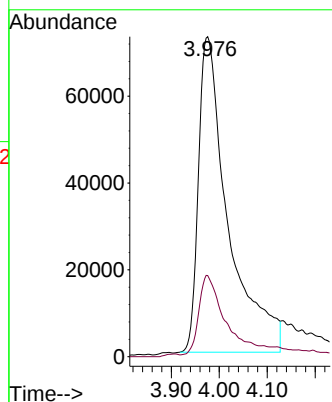
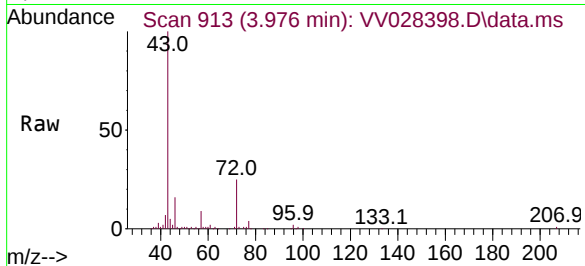




#22
2-Butanone
Concen: 121.162 ug/L
RT: 3.976 min Scan# 913
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

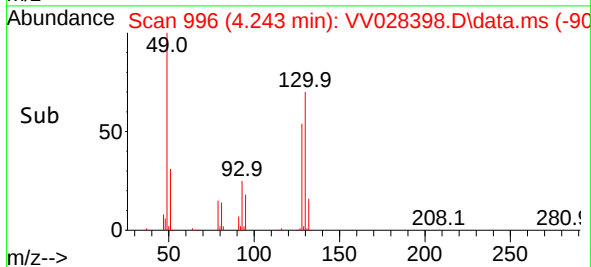
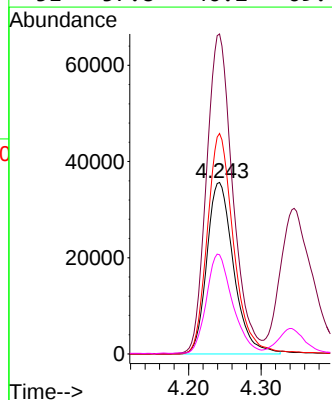
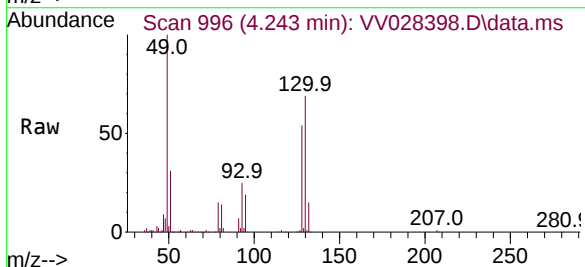
Instrument :
MSVOA_V
ClientSampleId :
VSTD050266

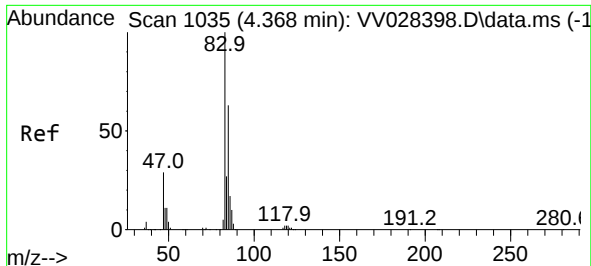
Tgt Ion: 43 Resp: 312109
Ion Ratio Lower Upper
43 100
72 22.1 11.1 33.1



#23
Bromochloromethane
Concen: 41.727 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

Tgt Ion: 128 Resp: 91344
Ion Ratio Lower Upper
128 100
49 186.6 130.6 242.6
130 128.6 90.0 167.2
51 57.8 46.2 69.4





#25

Chloroform

Concen: 44.895 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VV028398.D

Acq: 07 Oct 2022 11:04

Instrument :

MSVOA_V

ClientSampleId :

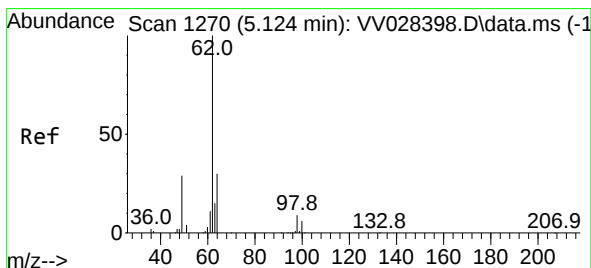
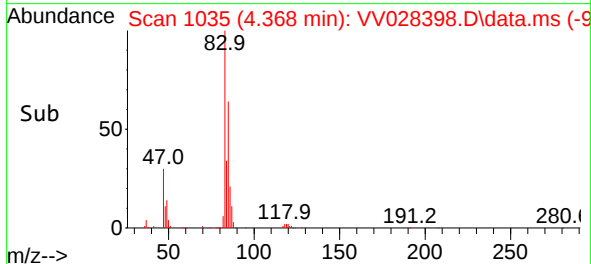
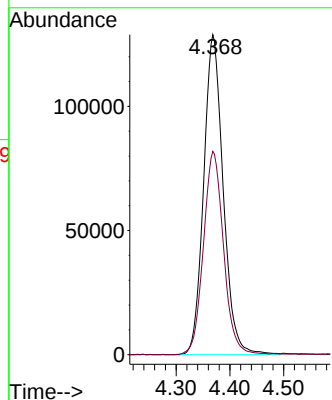
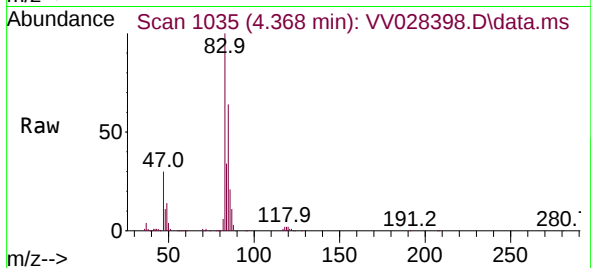
VSTD050266

Tgt Ion: 83 Resp: 325311

Ion Ratio Lower Upper

83 100

85 63.6 44.5 82.7



#27

1,2-Dichloroethane

Concen: 48.027 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VV028398.D

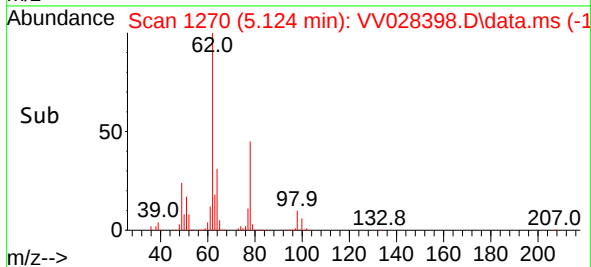
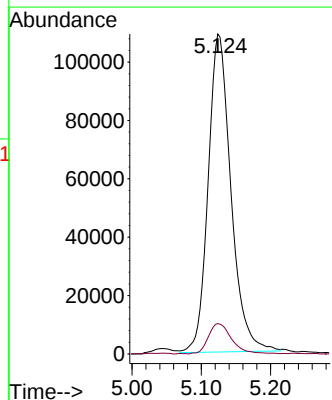
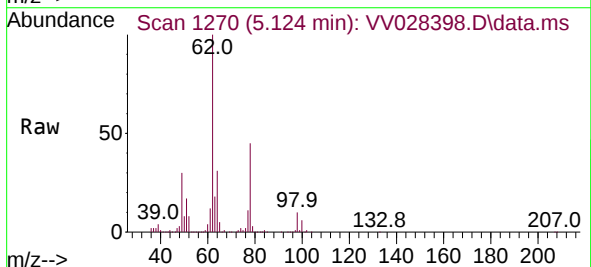
Acq: 07 Oct 2022 11:04

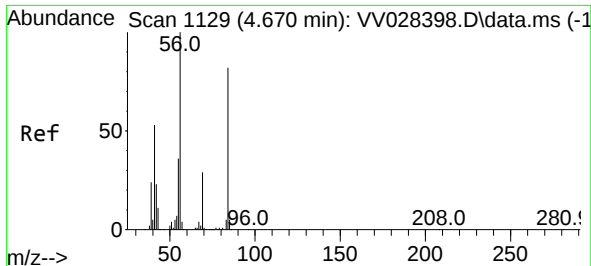
Tgt Ion: 62 Resp: 249255

Ion Ratio Lower Upper

62 100

98 9.5 7.6 11.4





#29

Cyclohexane

Concen: 65.832 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV028398.D

Acq: 07 Oct 2022 11:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD050266

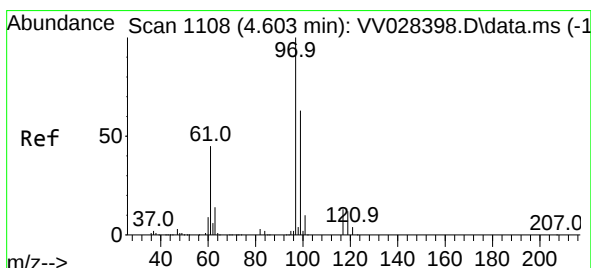
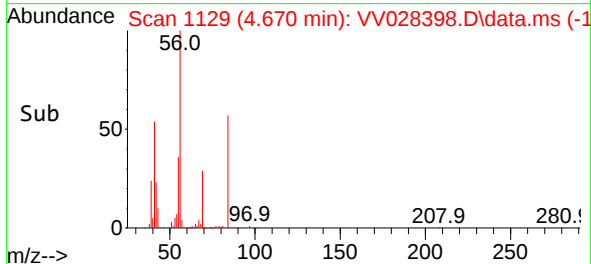
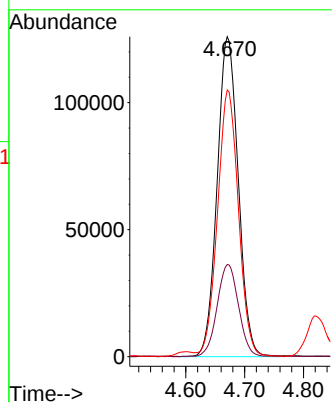
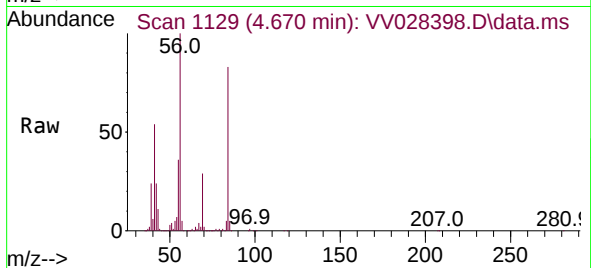
Tgt Ion: 56 Resp: 314192

Ion Ratio Lower Upper

56 100

69 28.8 23.0 34.6

84 82.3 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 50.329 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV028398.D

Acq: 07 Oct 2022 11:04

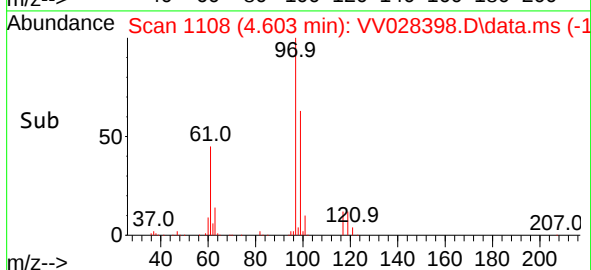
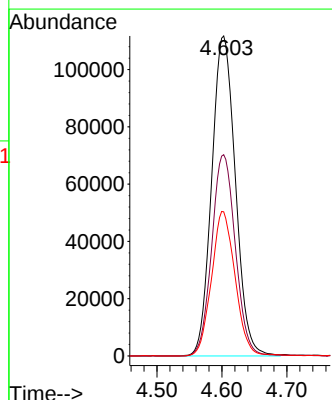
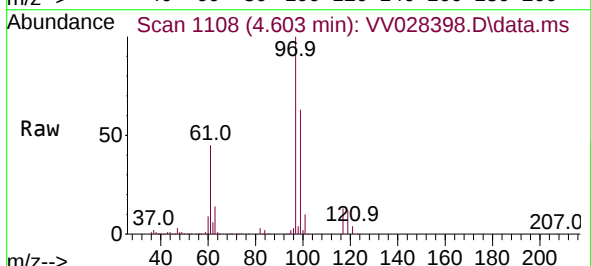
Tgt Ion: 97 Resp: 283355

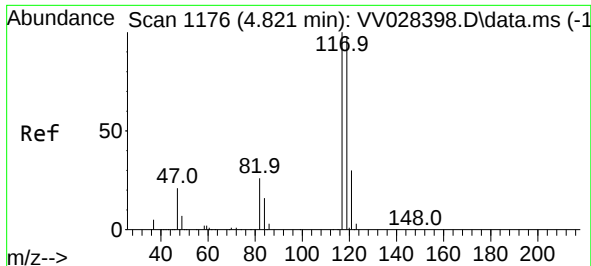
Ion Ratio Lower Upper

97 100

99 62.7 50.2 75.2

61 44.7 35.8 53.6

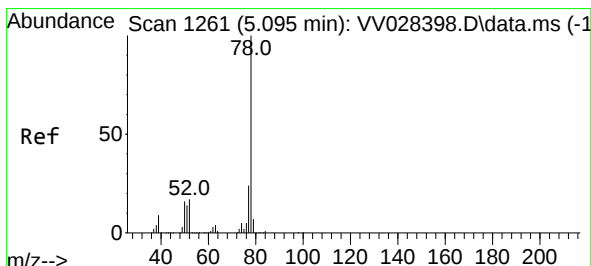
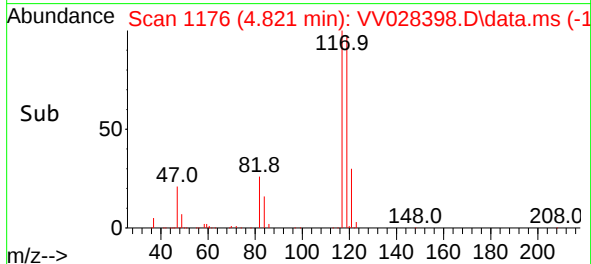
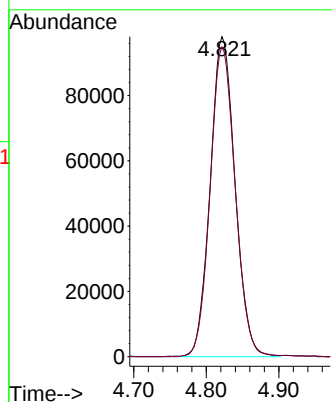
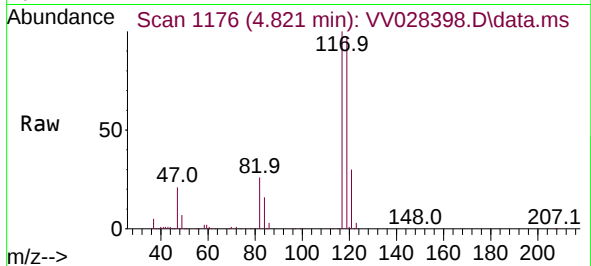




#31
Carbon tetrachloride
Concen: 47.871 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

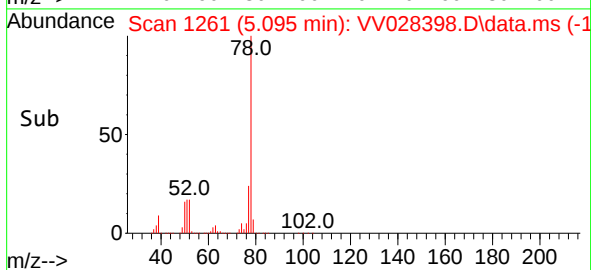
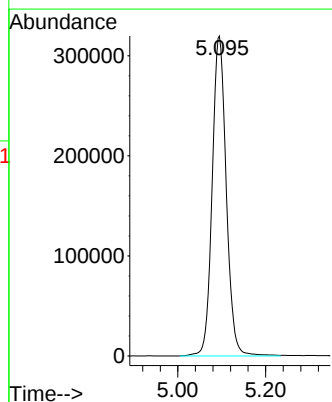
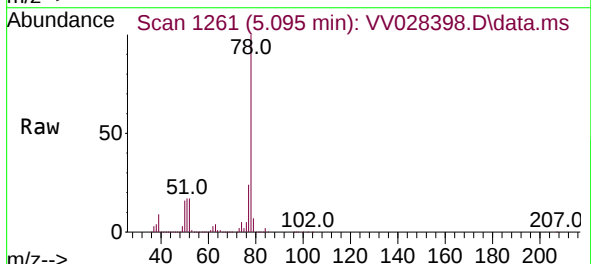
Instrument :
MSVOA_V
ClientSampleId :
VSTD050266

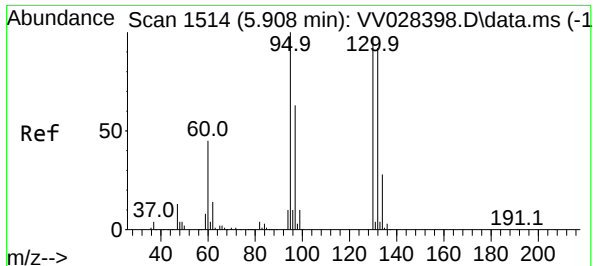
Tgt Ion:117 Resp: 233415
Ion Ratio Lower Upper
117 100
119 97.5 78.0 117.0



#33
Benzene
Concen: 52.204 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

Tgt Ion: 78 Resp: 712923



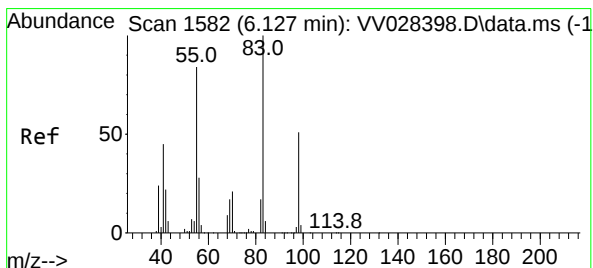
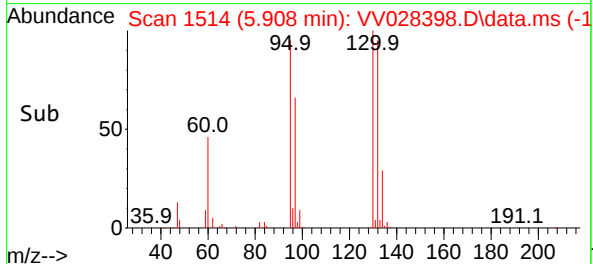
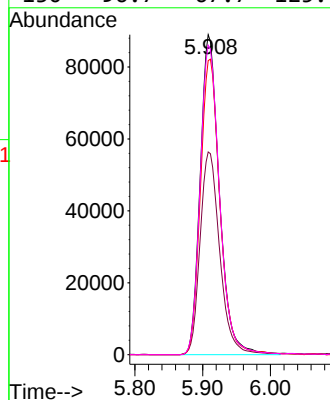
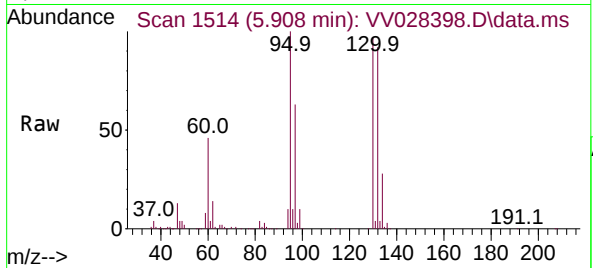


#34
Trichloroethene
Concen: 49.792 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

Instrument :
MSVOA_V
ClientSampleId :
VSTD050266

Tgt Ion: 95 Resp: 175201

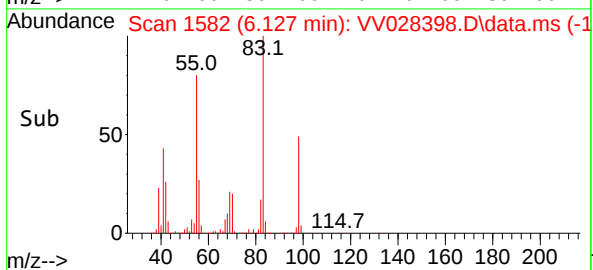
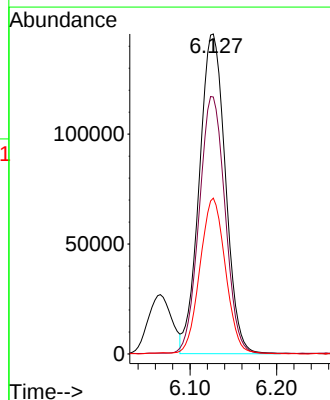
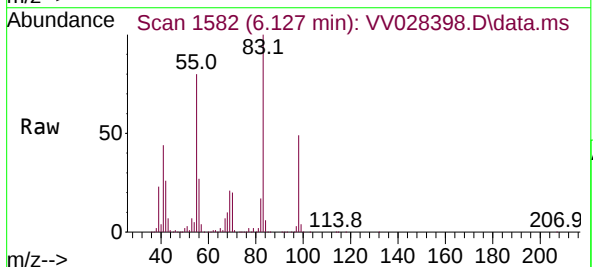
Ion	Ratio	Lower	Upper
95	100		
97	63.4	44.4	82.4
132	91.9	64.3	119.5
130	96.7	67.7	125.7

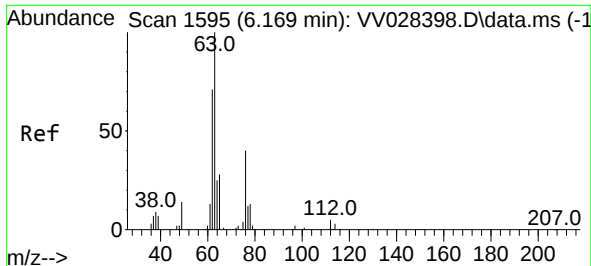


#35
Methylcyclohexane
Concen: 57.126 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

Tgt Ion: 83 Resp: 305001

Ion	Ratio	Lower	Upper
83	100		
55	79.6	63.7	95.5
98	47.7	38.2	57.2

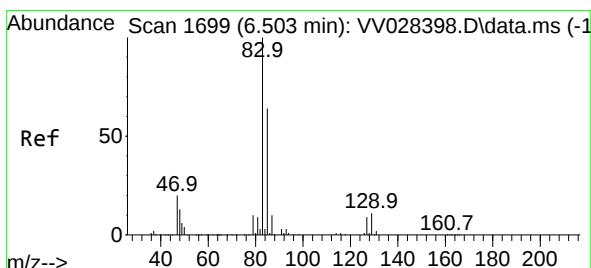
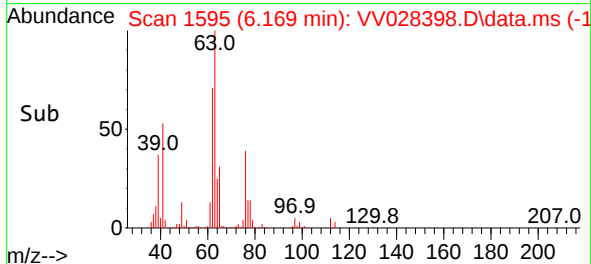
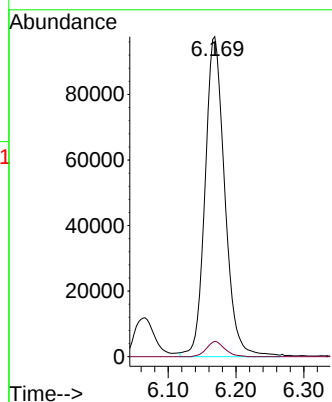
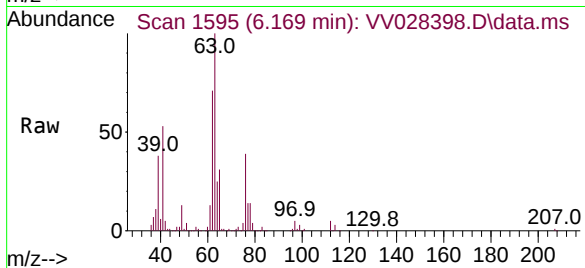




#37
1,2-Dichloropropane
Concen: 54.834 ug/L
RT: 6.169 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

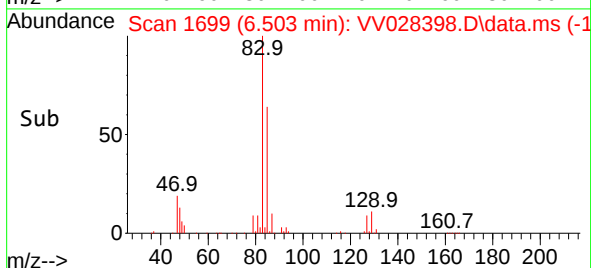
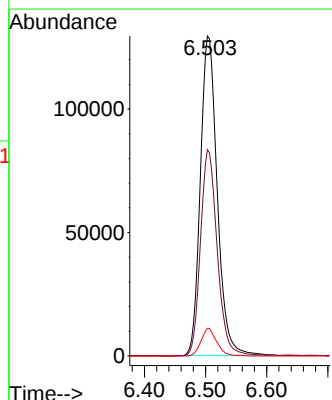
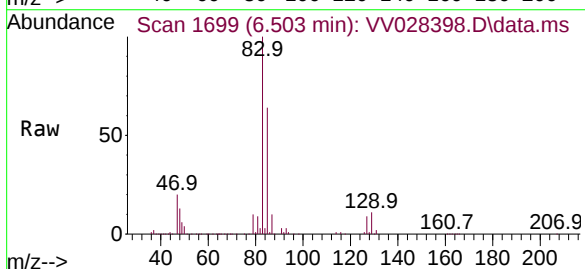
Instrument :
MSVOA_V
ClientSampleId :
VSTD050266

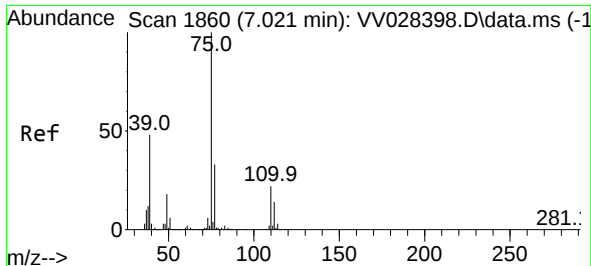
Tgt Ion: 63 Resp: 197309
Ion Ratio Lower Upper
63 100
112 4.4 3.5 5.3



#38
Bromodichloromethane
Concen: 51.202 ug/L
RT: 6.503 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

Tgt Ion: 83 Resp: 248852
Ion Ratio Lower Upper
83 100
85 64.4 45.1 83.7
127 8.7 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 59.700 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VV028398.D

Acq: 07 Oct 2022 11:04

Instrument :

MSVOA_V

ClientSampleId :

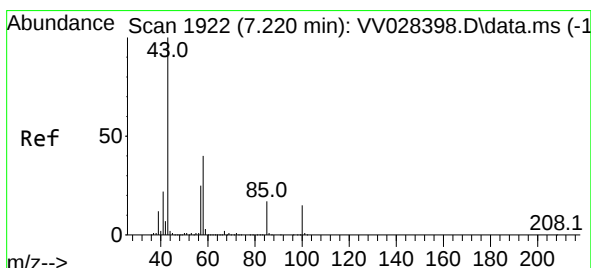
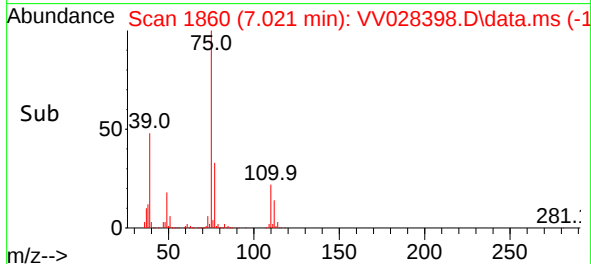
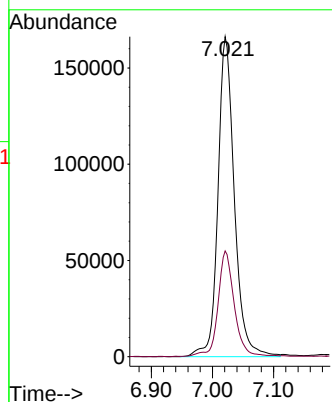
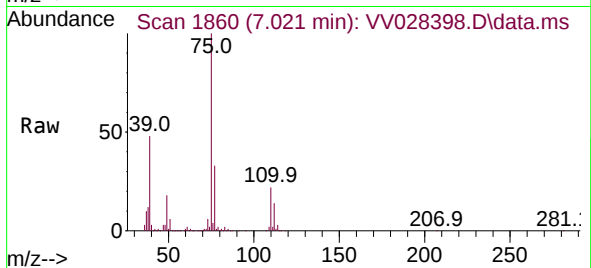
VSTD050266

Tgt Ion: 75 Resp: 310006

Ion Ratio Lower Upper

75 100

77 33.1 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 142.434 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. 0.000 min

Lab File: VV028398.D

Acq: 07 Oct 2022 11:04

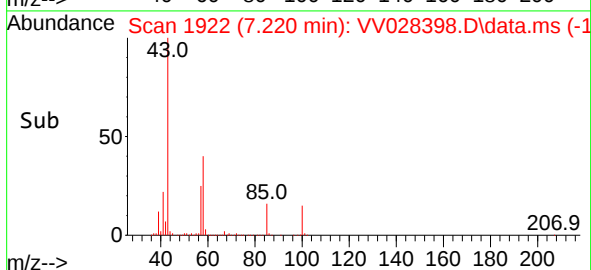
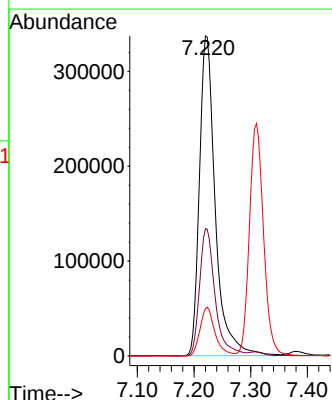
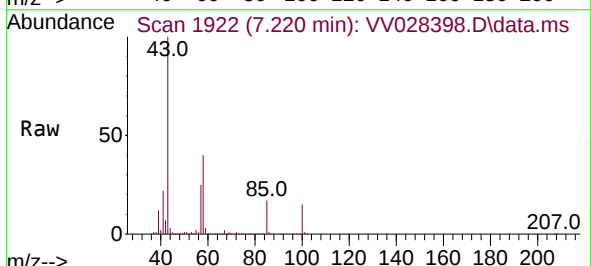
Tgt Ion: 43 Resp: 655752

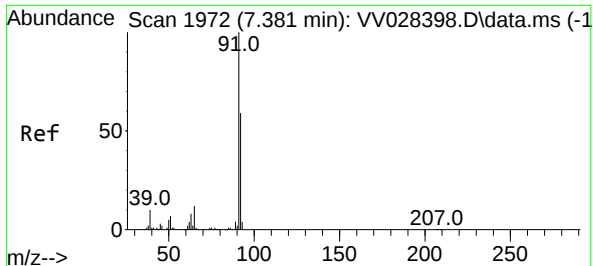
Ion Ratio Lower Upper

43 100

58 39.1 31.3 46.9

100 14.4 11.5 17.3

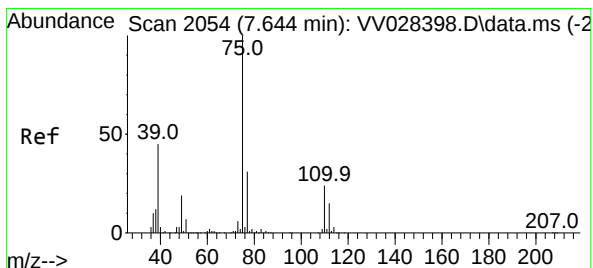
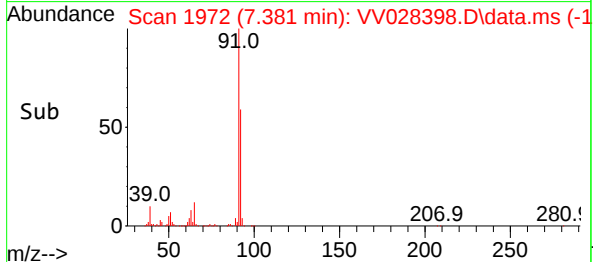
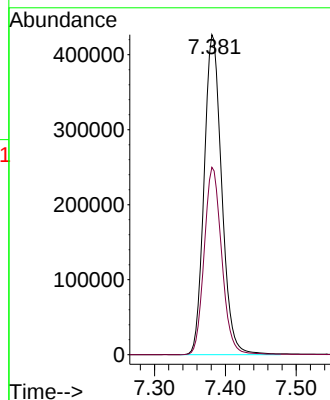
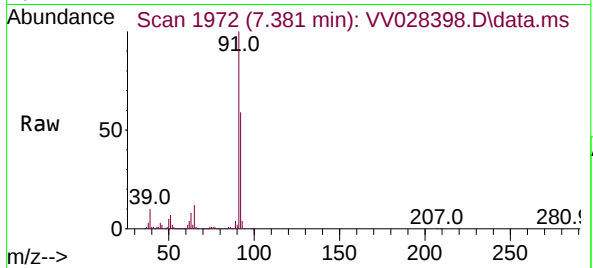




#42
Toluene
Concen: 53.159 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

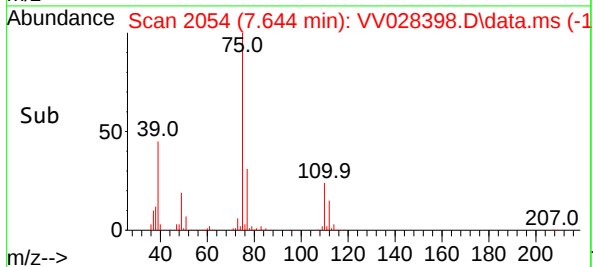
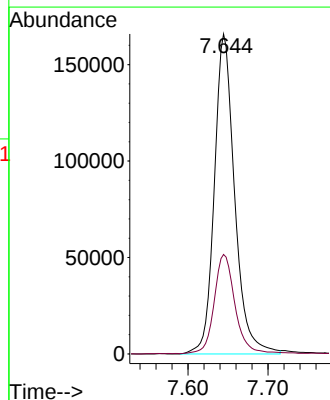
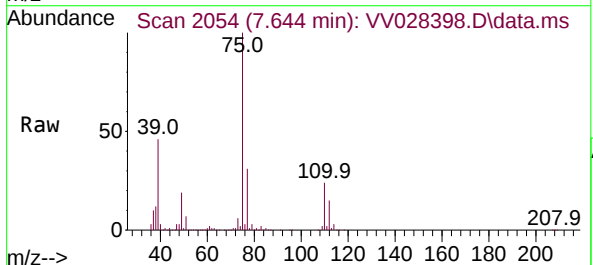
Instrument :
MSVOA_V
ClientSampleId :
VSTD050266

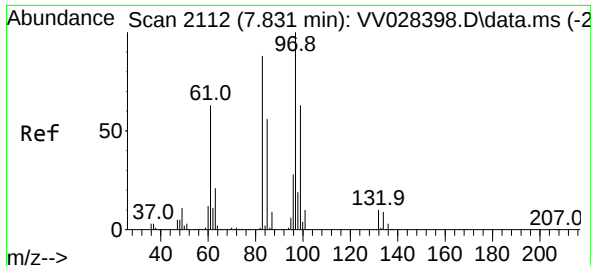
Tgt Ion: 91 Resp: 735820
Ion Ratio Lower Upper
91 100
92 58.5 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 58.126 ug/L
RT: 7.644 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

Tgt Ion: 75 Resp: 292475
Ion Ratio Lower Upper
75 100
77 31.1 21.8 40.4



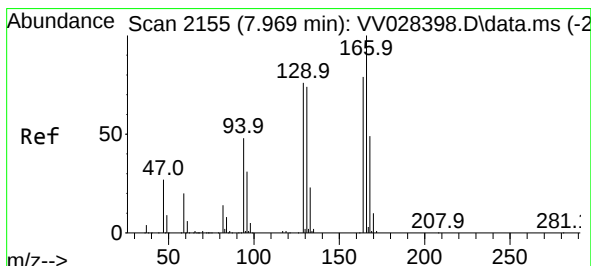
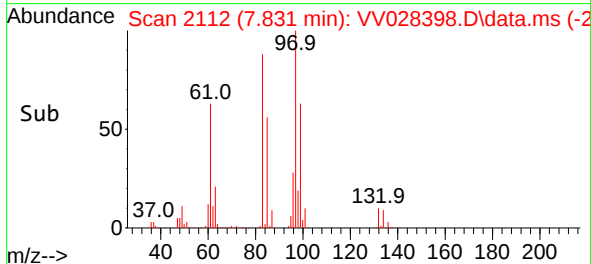
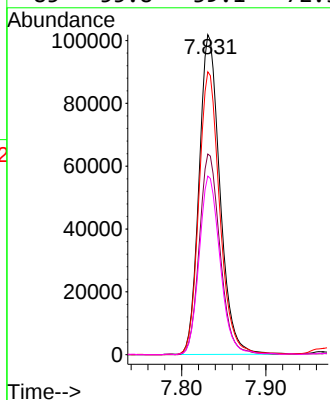
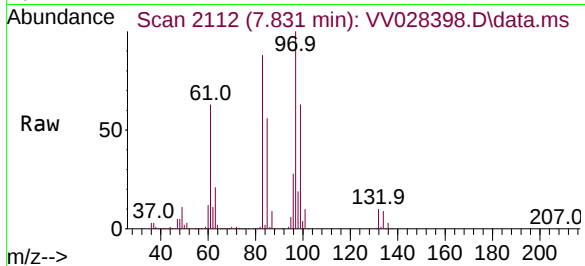


#45
1,1,2-Trichloroethane
Concen: 47.098 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

Instrument :
MSVOA_V
ClientSampleId :
VSTD050266

Tgt Ion: 97 Resp: 175355

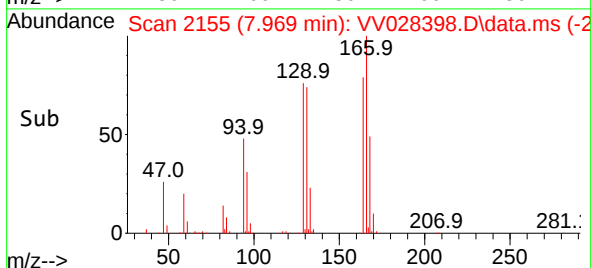
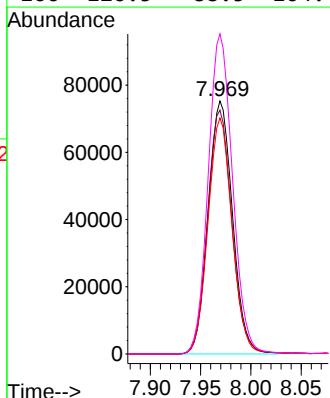
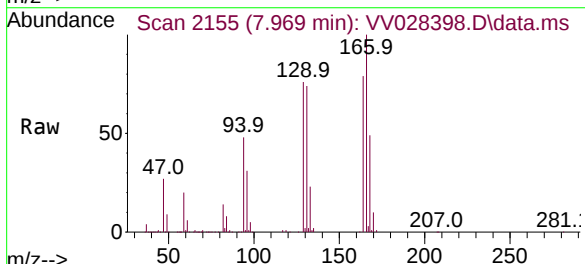
Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.9	81.5
83	88.4	61.9	114.9
85	55.8	39.1	72.5

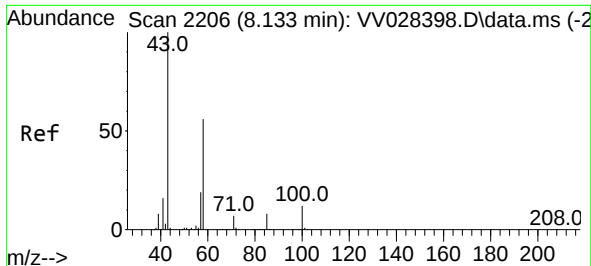


#46
Tetrachloroethene
Concen: 47.089 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

Tgt Ion: 164 Resp: 127013

Ion	Ratio	Lower	Upper
164	100		
129	96.3	67.4	125.2
131	93.2	65.2	121.2
166	126.5	88.5	164.4



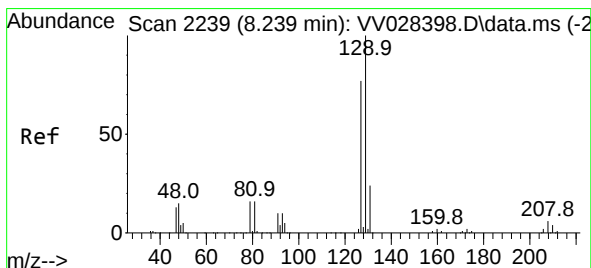
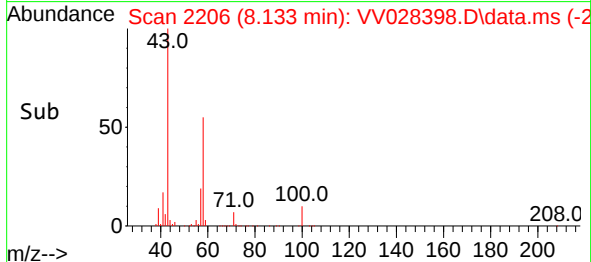
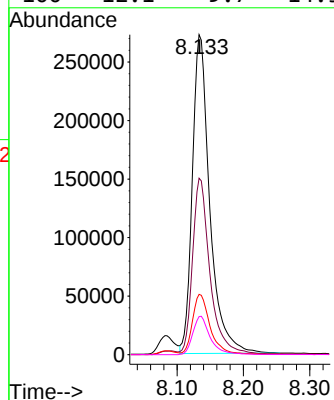
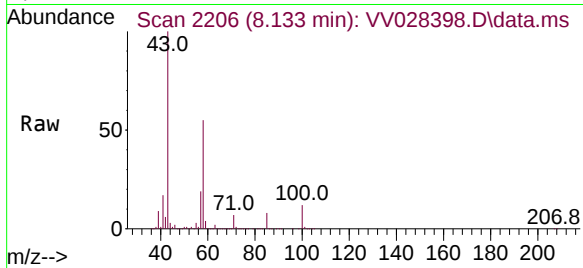


#48
2-Hexanone
Concen: 141.268 ug/L
RT: 8.133 min Scan# 2206
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

Instrument :
MSVOA_V
ClientSampleId :
VSTD050266

Tgt Ion: 43 Resp: 496961

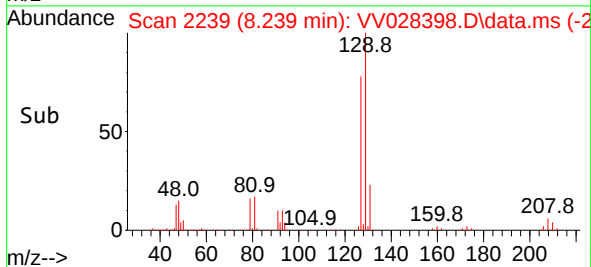
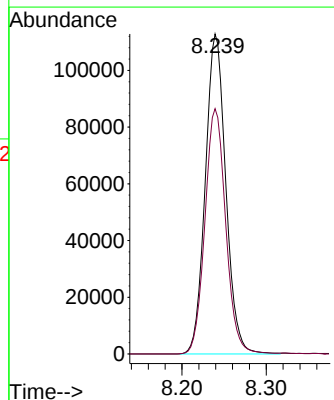
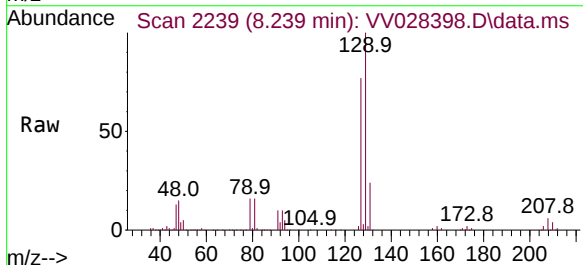
Ion	Ratio	Lower	Upper
43	100		
58	54.9	43.9	65.9
57	18.9	15.1	22.7
100	12.1	9.7	14.5

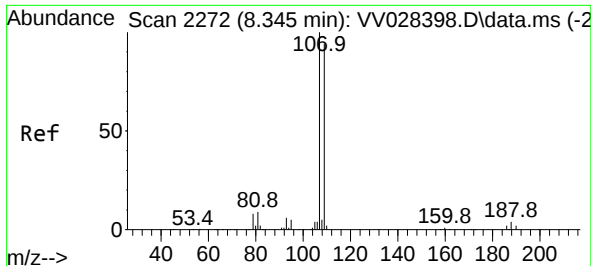


#49
Dibromochloromethane
Concen: 48.589 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

Tgt Ion: 129 Resp: 190892

Ion	Ratio	Lower	Upper
129	100		
127	76.6	53.6	99.6





#50

1,2-Dibromoethane

Concen: 48.071 ug/L

RT: 8.345 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV028398.D

Acq: 07 Oct 2022 11:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD050266

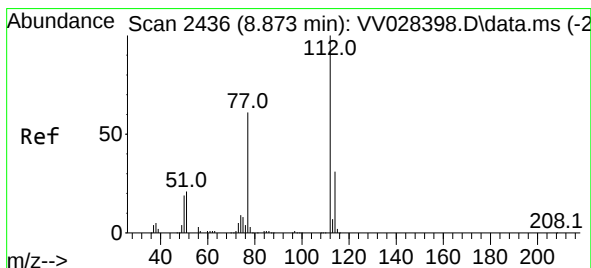
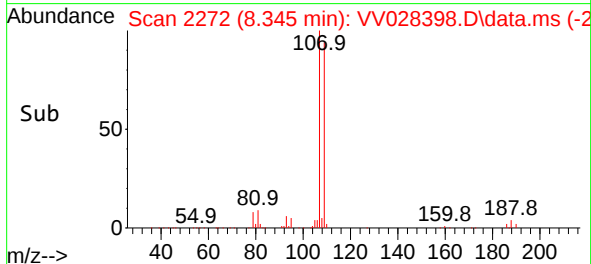
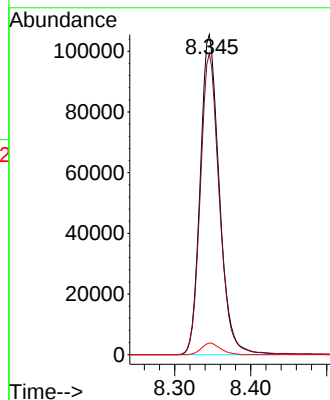
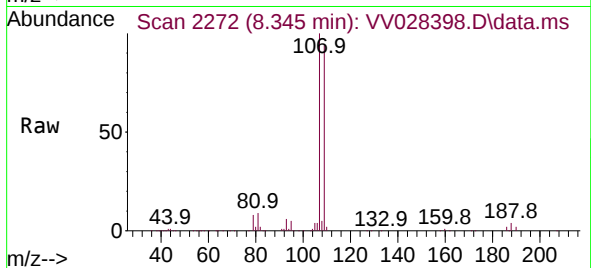
Tgt Ion:107 Resp: 183886

Ion Ratio Lower Upper

107 100

109 94.2 65.9 122.5

188 3.7 3.0 4.4



#51

Chlorobenzene

Concen: 47.735 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.000 min

Lab File: VV028398.D

Acq: 07 Oct 2022 11:04

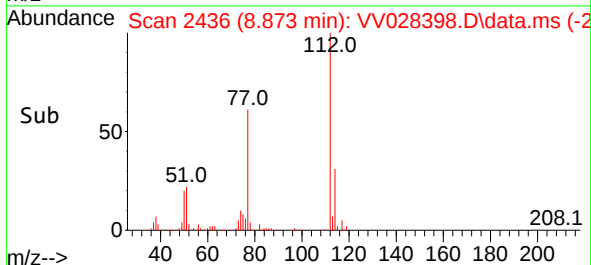
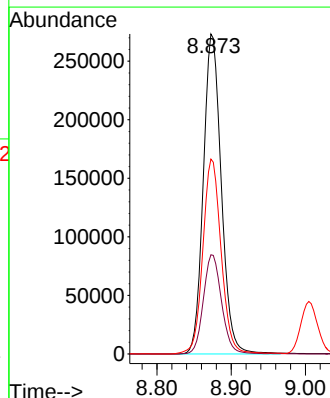
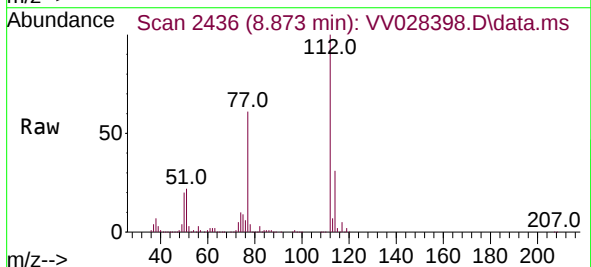
Tgt Ion:112 Resp: 459132

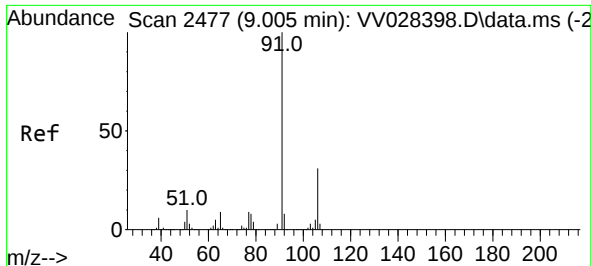
Ion Ratio Lower Upper

112 100

114 31.0 21.7 40.3

77 60.9 48.7 73.1





#52

Ethylbenzene

Concen: 54.798 ug/L

RT: 9.005 min Scan# 2477

Delta R.T. 0.000 min

Lab File: VV028398.D

Acq: 07 Oct 2022 11:04

Instrument :

MSVOA_V

ClientSampleId :

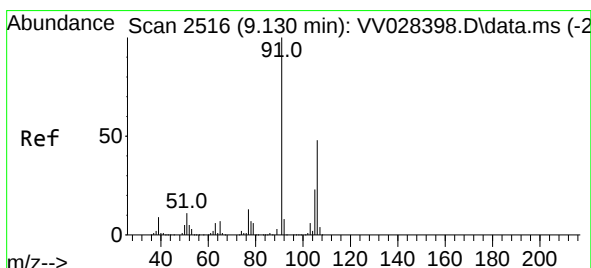
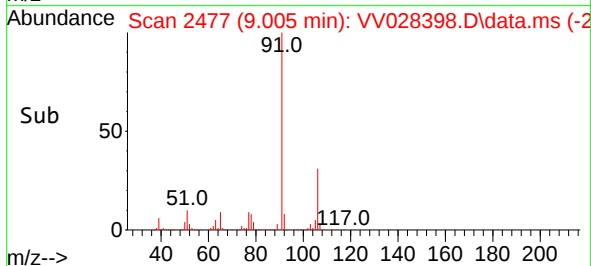
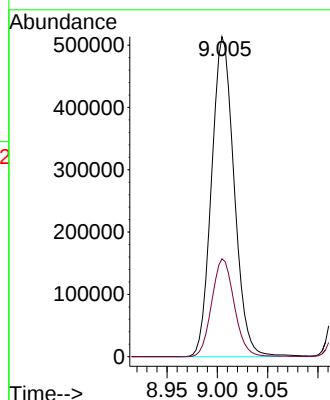
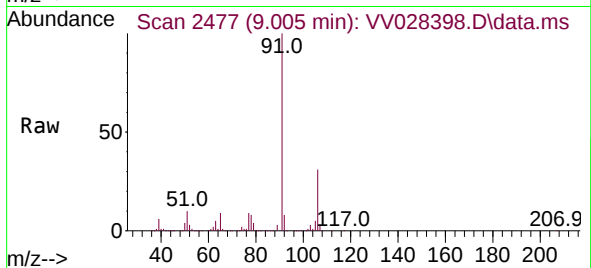
VSTD050266

Tgt Ion: 91 Resp: 800772

Ion Ratio Lower Upper

91 100

106 30.6 21.4 39.8



#53

m,p-Xylene

Concen: 53.681 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. 0.000 min

Lab File: VV028398.D

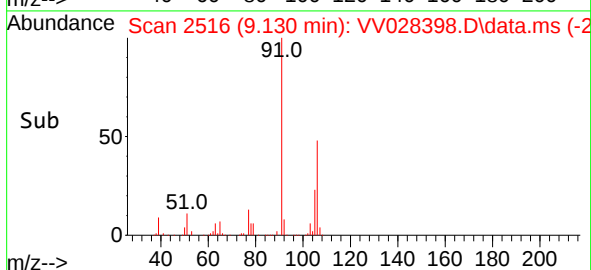
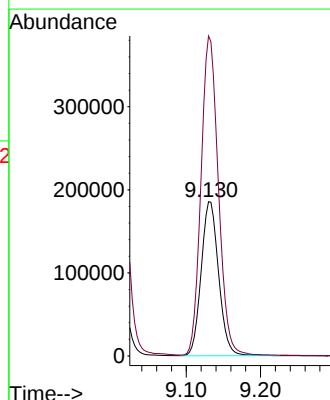
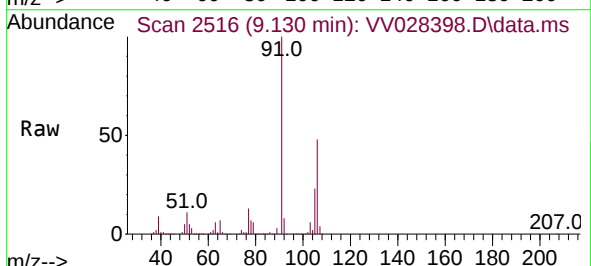
Acq: 07 Oct 2022 11:04

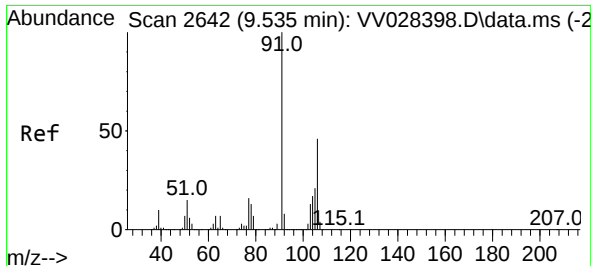
Tgt Ion: 106 Resp: 302602

Ion Ratio Lower Upper

106 100

91 207.4 145.2 269.6

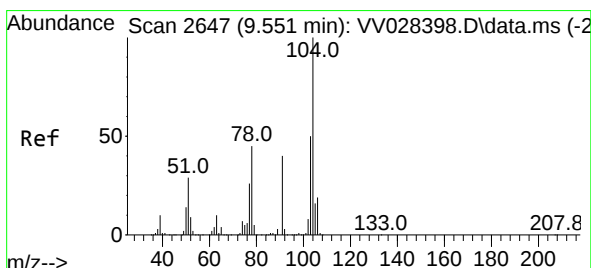
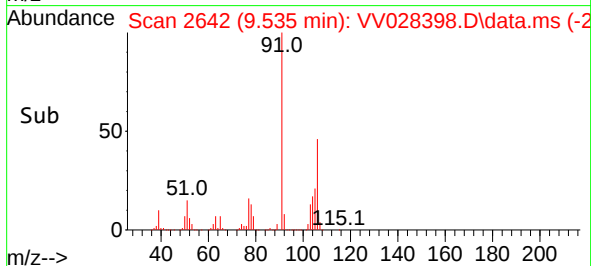
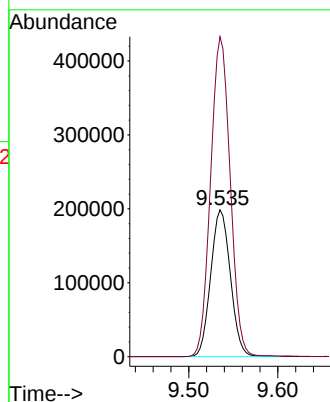
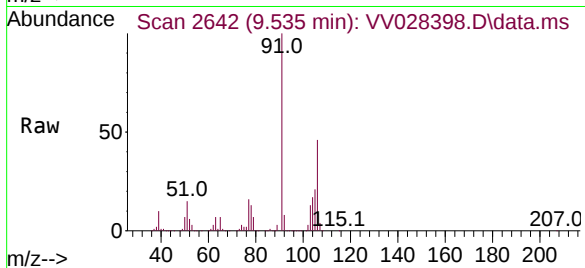




#54
o-Xylene
Concen: 55.181 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

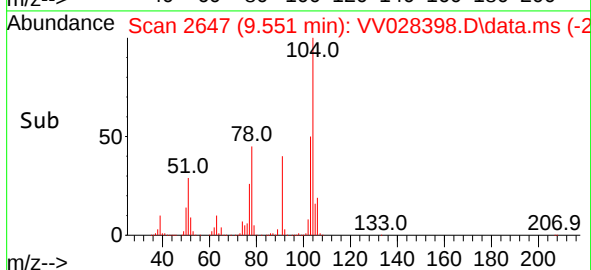
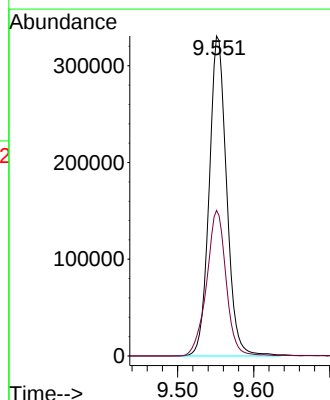
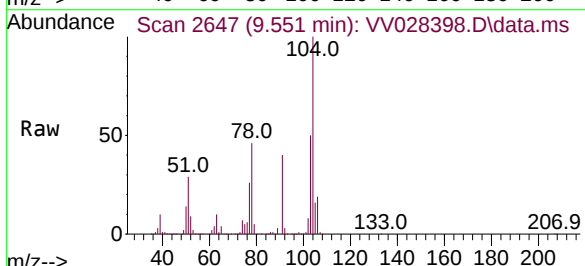
Instrument :
MSVOA_V
ClientSampleId :
VSTD050266

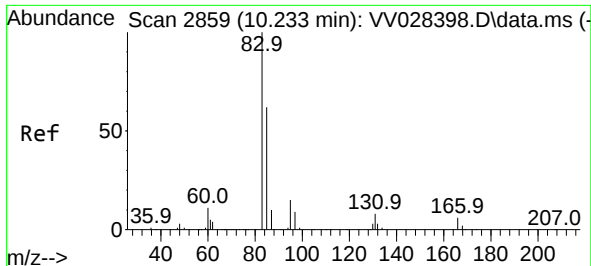
Tgt Ion:106 Resp: 304304
Ion Ratio Lower Upper
106 100
91 217.9 152.5 283.3



#55
Styrene
Concen: 55.310 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

Tgt Ion:104 Resp: 528201
Ion Ratio Lower Upper
104 100
78 45.5 31.9 59.2

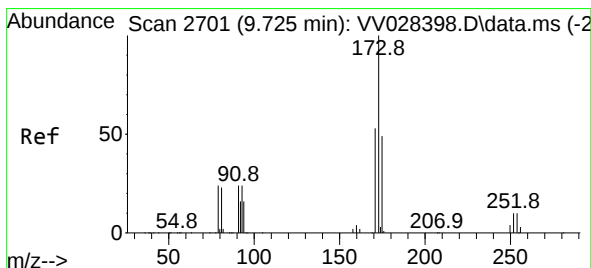
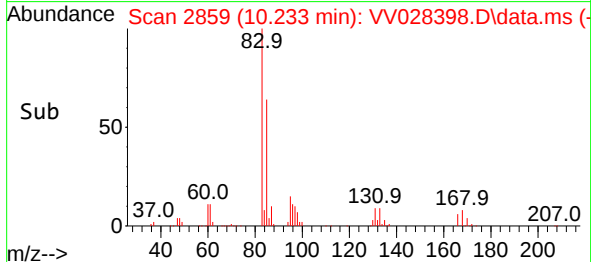
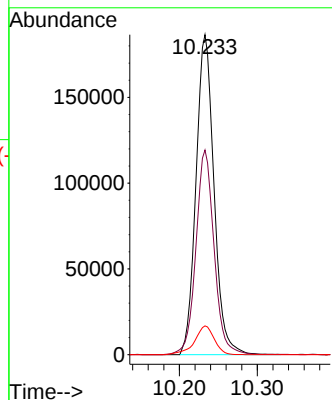
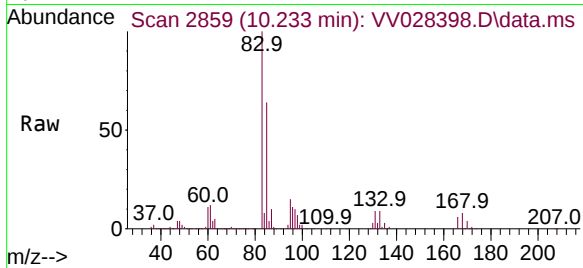




#57
 1,1,2,2-Tetrachloroethane
 Concen: 49.358 ug/L
 RT: 10.233 min Scan# 2859
 Delta R.T. 0.000 min
 Lab File: VV028398.D
 Acq: 07 Oct 2022 11:04

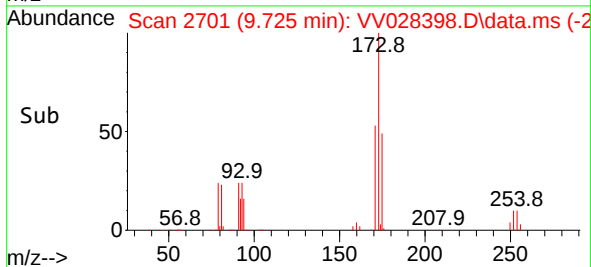
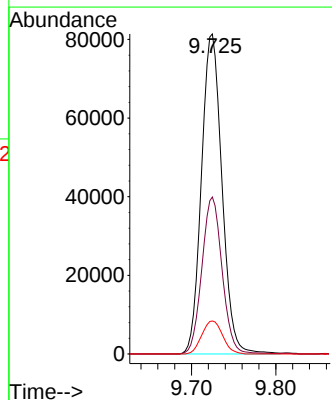
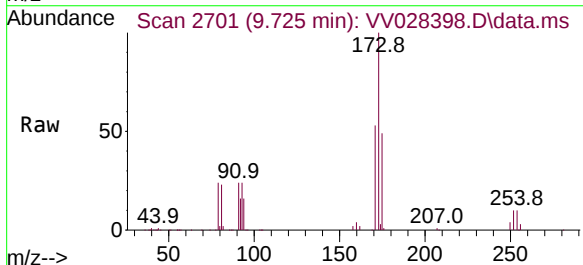
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050266

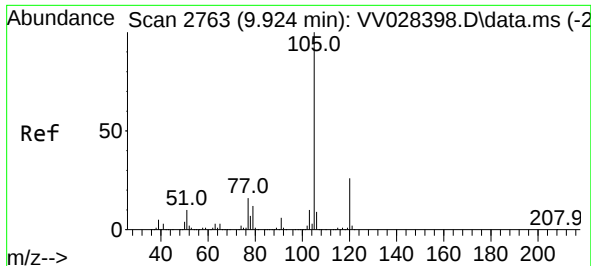
Tgt Ion: 83 Resp: 299163
 Ion Ratio Lower Upper
 83 100
 85 64.0 44.8 83.2
 131 9.0 7.2 10.8



#59
 Bromoform
 Concen: 54.904 ug/L
 RT: 9.725 min Scan# 2701
 Delta R.T. 0.000 min
 Lab File: VV028398.D
 Acq: 07 Oct 2022 11:04

Tgt Ion: 173 Resp: 138226
 Ion Ratio Lower Upper
 173 100
 175 48.2 38.6 57.8
 254 10.5 8.4 12.6

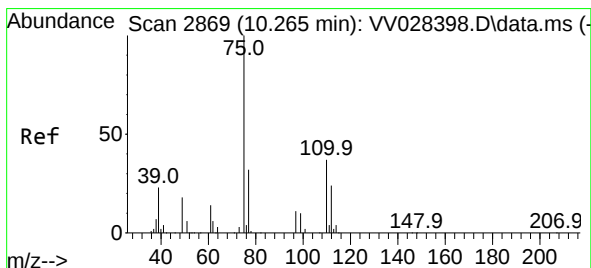
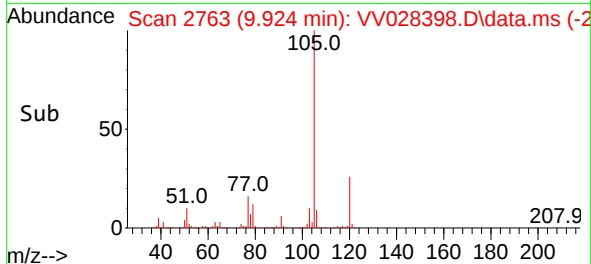
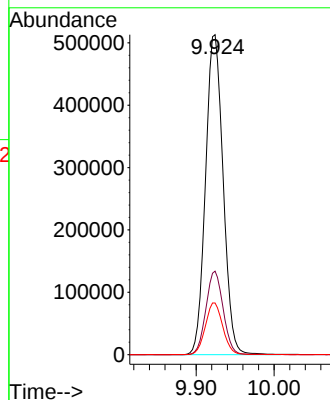
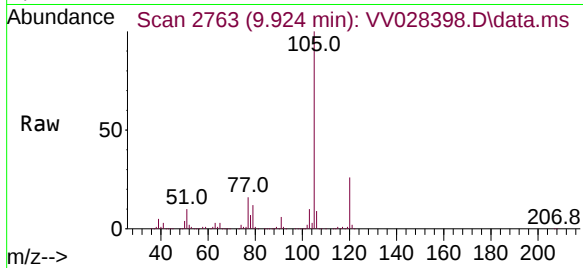




#60
Isopropylbenzene
Concen: 59.942 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

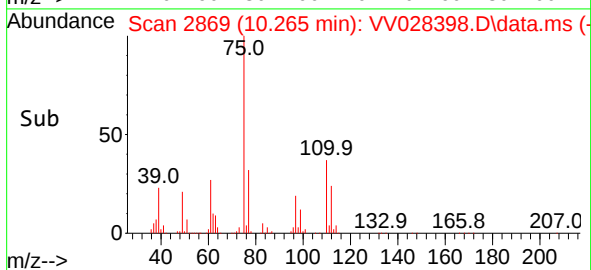
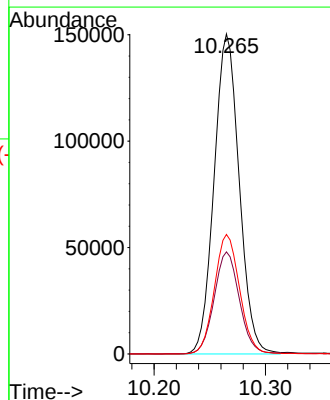
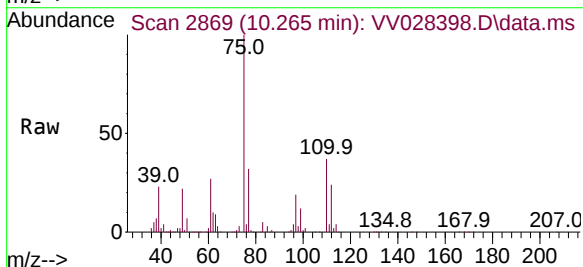
Instrument :
MSVOA_V
ClientSampleId :
VSTD050266

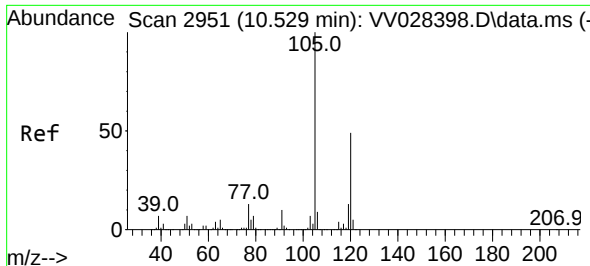
Tgt Ion:105 Resp: 804082
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7
77 15.9 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 52.710 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

Tgt Ion: 75 Resp: 234950
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
110 37.5 30.0 45.0

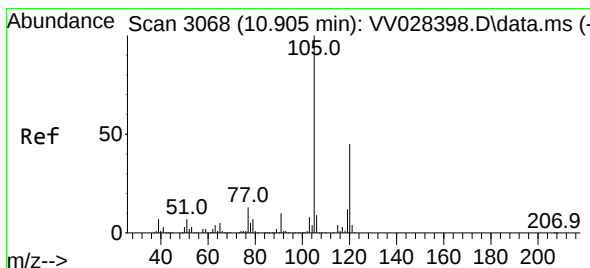
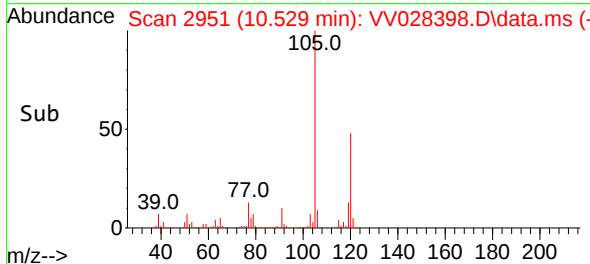
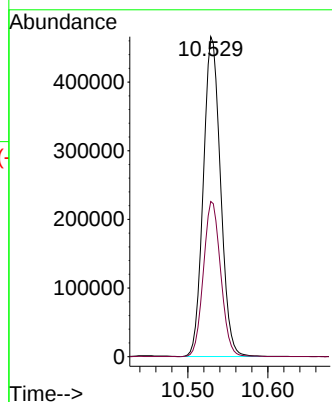
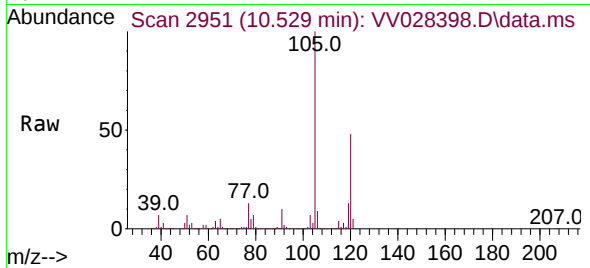




#62
 1,3,5-Trimethylbenzene
 Concen: 62.967 ug/L
 RT: 10.529 min Scan# 2951
 Delta R.T. 0.000 min
 Lab File: VV028398.D
 Acq: 07 Oct 2022 11:04

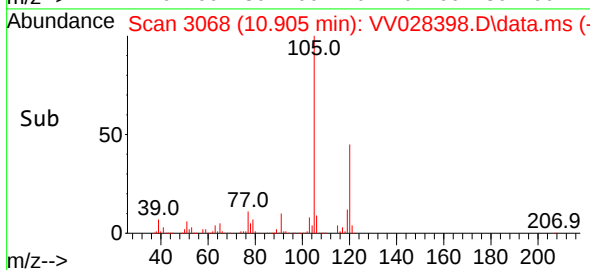
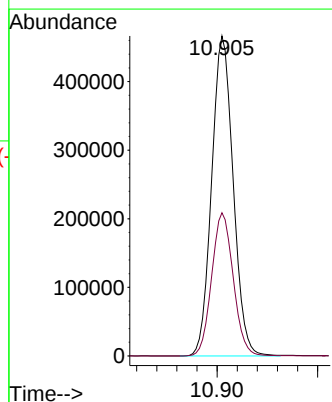
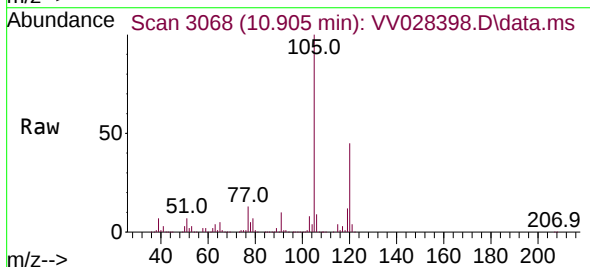
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050266

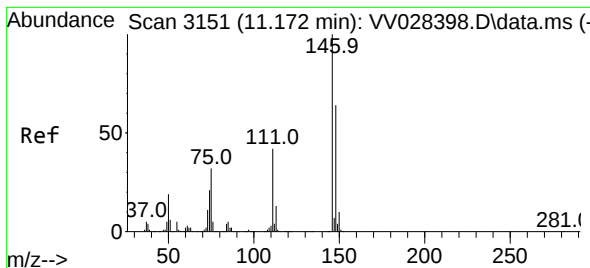
Tgt Ion:105 Resp: 698245
 Ion Ratio Lower Upper
 105 100
 120 48.9 39.1 58.7



#63
 1,2,4-Trimethylbenzene
 Concen: 62.748 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. 0.000 min
 Lab File: VV028398.D
 Acq: 07 Oct 2022 11:04

Tgt Ion:105 Resp: 692701
 Ion Ratio Lower Upper
 105 100
 120 44.9 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 52.551 ug/L

RT: 11.172 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VV028398.D

Acq: 07 Oct 2022 11:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD050266

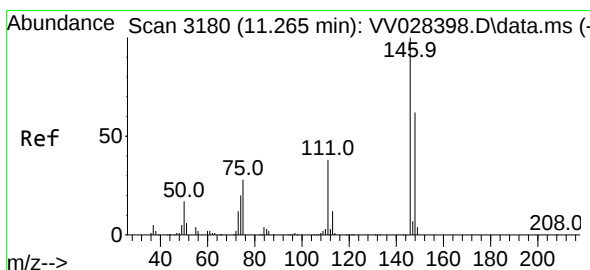
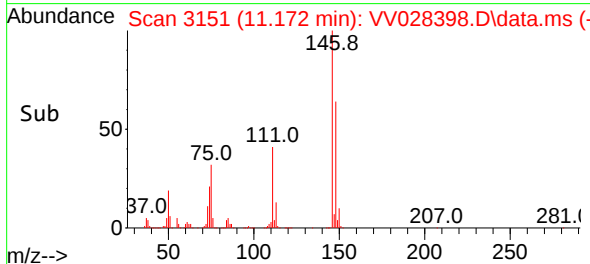
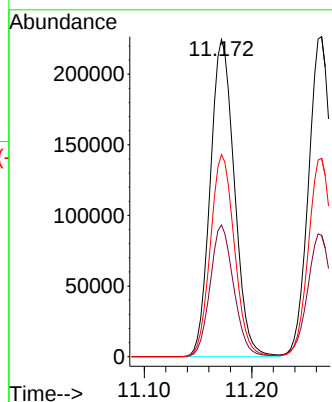
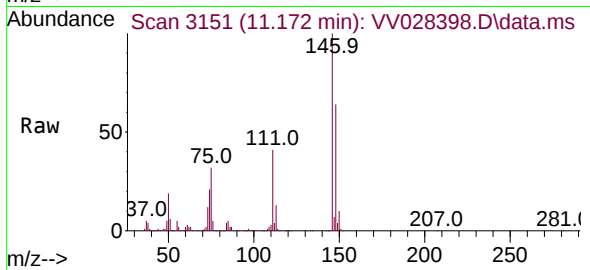
Tgt Ion:146 Resp: 349545

Ion Ratio Lower Upper

146 100

111 41.5 29.0 53.9

148 63.7 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 49.839 ug/L

RT: 11.265 min Scan# 3180

Delta R.T. 0.000 min

Lab File: VV028398.D

Acq: 07 Oct 2022 11:04

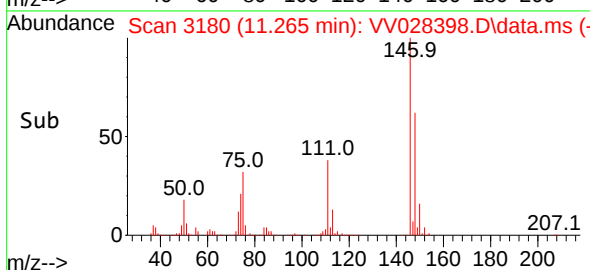
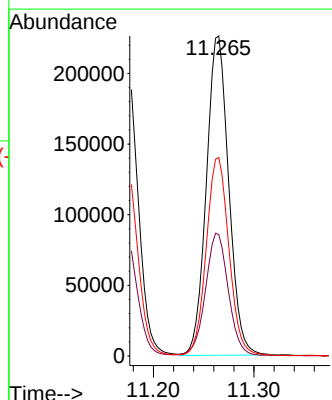
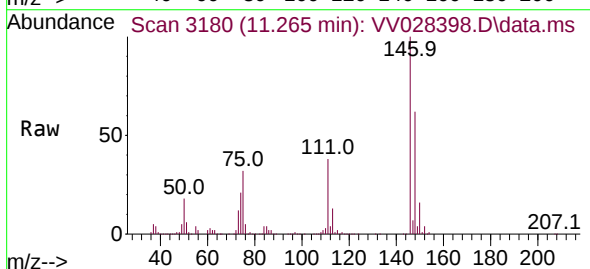
Tgt Ion:146 Resp: 349398

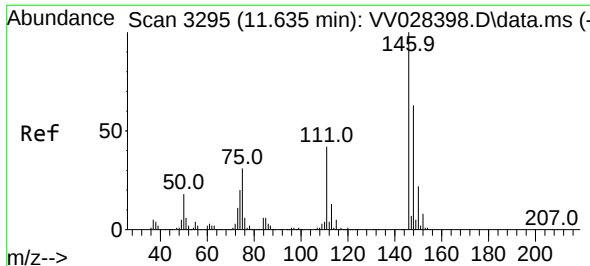
Ion Ratio Lower Upper

146 100

111 38.0 26.6 49.4

148 62.0 43.4 80.6

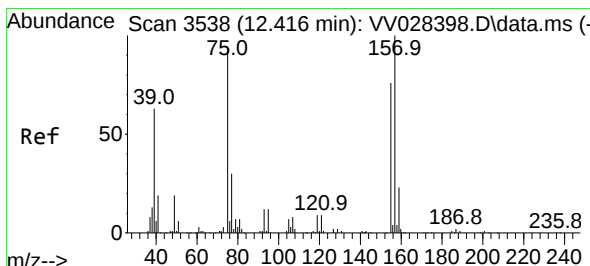
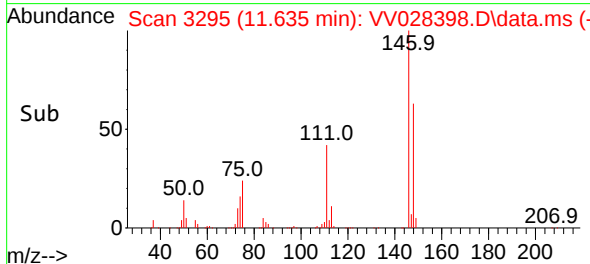
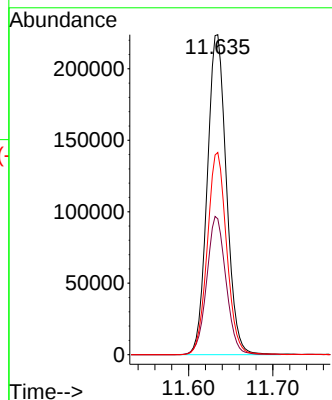
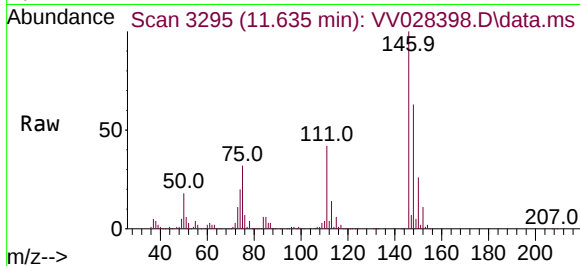




#67
1,2-Dichlorobenzene
Concen: 52.047 ug/L
RT: 11.635 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

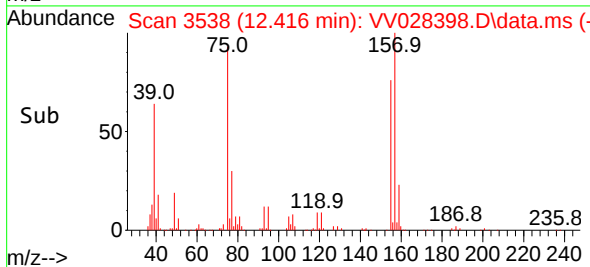
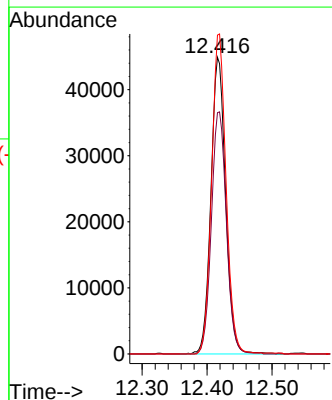
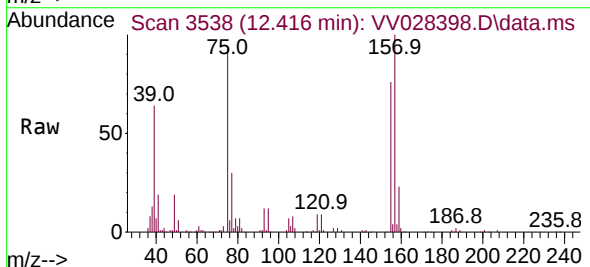
Instrument :
MSVOA_V
ClientSampleId :
VSTD050266

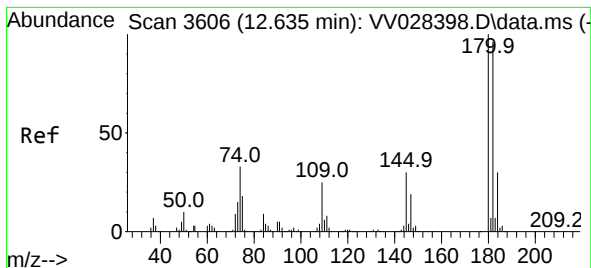
Tgt Ion:146 Resp: 354779
Ion Ratio Lower Upper
146 100
111 42.4 33.9 50.9
148 63.2 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 57.707 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VV028398.D
Acq: 07 Oct 2022 11:04

Tgt Ion: 75 Resp: 70838
Ion Ratio Lower Upper
75 100
155 81.3 65.0 97.6
157 107.5 86.0 129.0





#69

1,3,5-Trichlorobenzene

Concen: 54.972 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. 0.000 min

Lab File: VV028398.D

Acq: 07 Oct 2022 11:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD050266

Tgt Ion:180 Resp: 264795

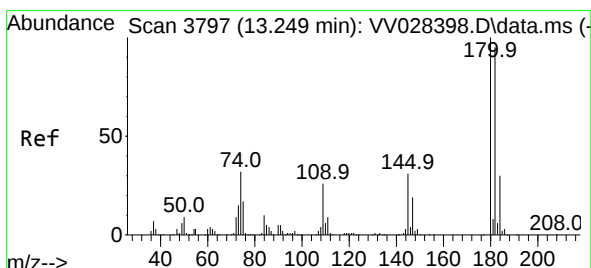
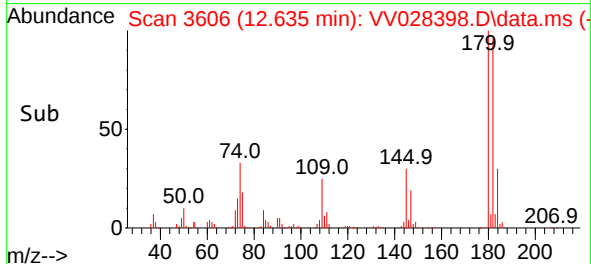
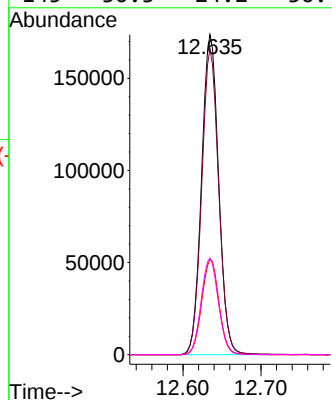
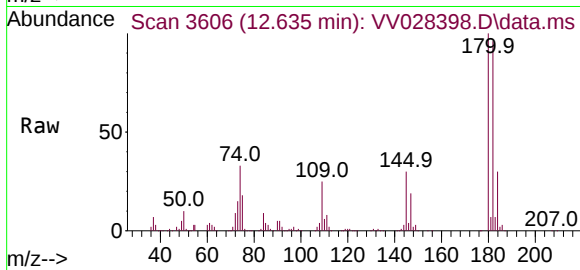
Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

184 30.0 24.0 36.0

145 30.3 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 58.118 ug/L

RT: 13.249 min Scan# 3797

Delta R.T. 0.000 min

Lab File: VV028398.D

Acq: 07 Oct 2022 11:04

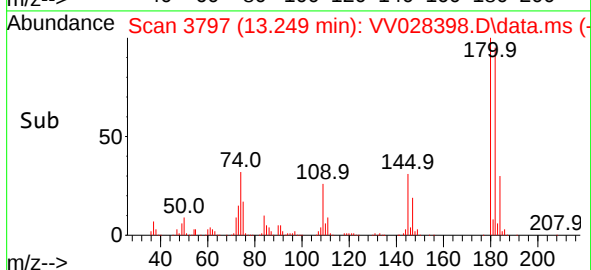
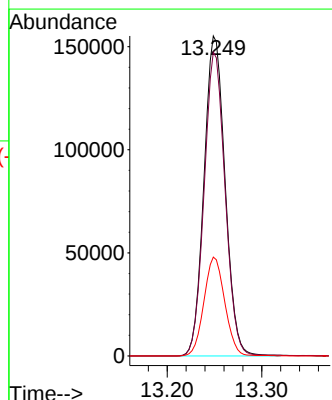
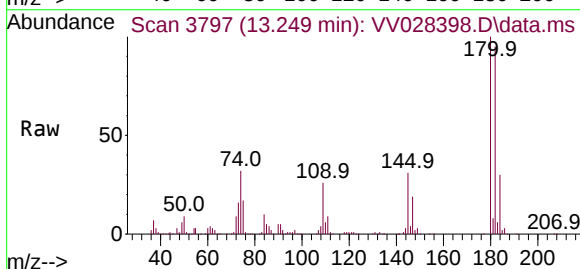
Tgt Ion:180 Resp: 240585

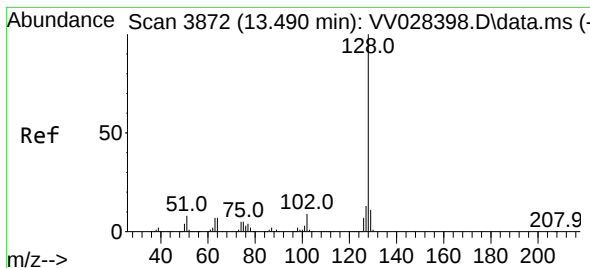
Ion Ratio Lower Upper

180 100

182 94.1 75.3 112.9

145 30.4 24.3 36.5





#71

Naphthalene

Concen: 58.101 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. 0.000 min

Lab File: VV028398.D

Acq: 07 Oct 2022 11:04

Instrument :

MSVOA_V

ClientSampleId :

VSTD050266

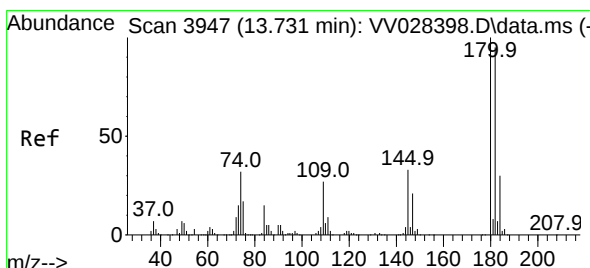
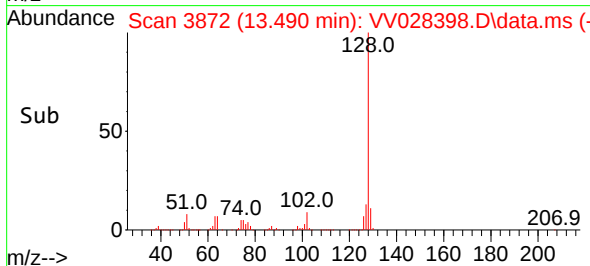
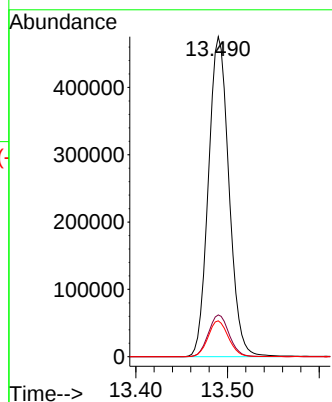
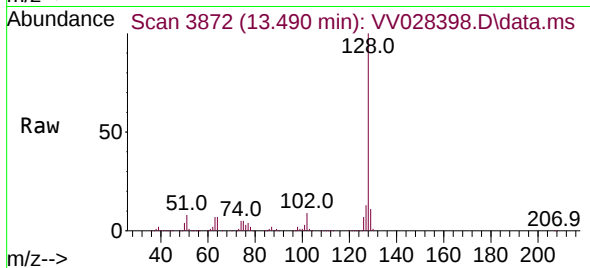
Tgt Ion:128 Resp: 740856

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 56.496 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV028398.D

Acq: 07 Oct 2022 11:04

Tgt Ion:180 Resp: 236837

Ion Ratio Lower Upper

180 100

182 94.2 75.4 113.0

145 33.1 26.5 39.7

