

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080122\
 Data File : VW027171.D
 Acq On : 02 Aug 2022 14:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050324

Quant Time: Aug 03 01:17:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 04:33:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	656683	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	645288	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	355002	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	168266	39.537	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.080%
7) Chloroethane-d5	1.561	69	133687	41.977	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.960%
11) 1,1-Dichloroethene-d2	2.105	63	337042	41.589	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.180%
21) 2-Butanone-d5	3.876	46	257868	92.031	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.030%
24) Chloroform-d	4.339	84	374091	43.486	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.980%
26) 1,2-Dichloroethane-d4	5.024	65	212448	43.527	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.060%
32) Benzene-d6	5.043	84	735221	43.058	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.120%
36) 1,2-Dichloropropane-d6	6.063	67	227849	43.136	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.280%
41) Toluene-d8	7.310	98	687465	44.659	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.320%
43) trans-1,3-Dichloroprop...	7.619	79	102816	44.351	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.700%
47) 2-Hexanone-d5	8.085	63	196082	96.154	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.150%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	358765	45.437	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.880%
66) 1,2-Dichlorobenzene-d4	11.622	152	268201	42.988	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	290880	46.292	ug/L	100
3) Chloromethane	1.236	50	255276	42.843	ug/L	99
5) Vinyl chloride	1.307	62	276796	44.629	ug/L	99
6) Bromomethane	1.516	94	137621	42.788	ug/L	99
8) Chloroethane	1.577	64	151032	45.450	ug/L	99
9) Trichlorofluoromethane	1.748	101	366718	44.878	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	221317	47.225	ug/L	99
12) 1,1-Dichloroethene	2.111	96	200385	44.005	ug/L	96
13) Acetone	2.169	43	242716	102.584	ug/L	100
14) Carbon disulfide	2.288	76	589177	43.445	ug/L	99
15) Methyl Acetate	2.426	43	222395	43.205	ug/L	100
16) Methylene chloride	2.500	84	250250	43.356	ug/L	97
17) trans-1,2-Dichloroethene	2.754	96	216045	44.573	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	626359	44.985	ug/L	100
19) 1,1-Dichloroethane	3.182	63	392468	44.219	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	232499	45.189	ug/L	100
22) 2-Butanone	3.960	43	315847	96.874	ug/L	97
23) Bromochloromethane	4.239	128	129299	44.232	ug/L	99
25) Chloroform	4.368	83	418114	44.742	ug/L	100

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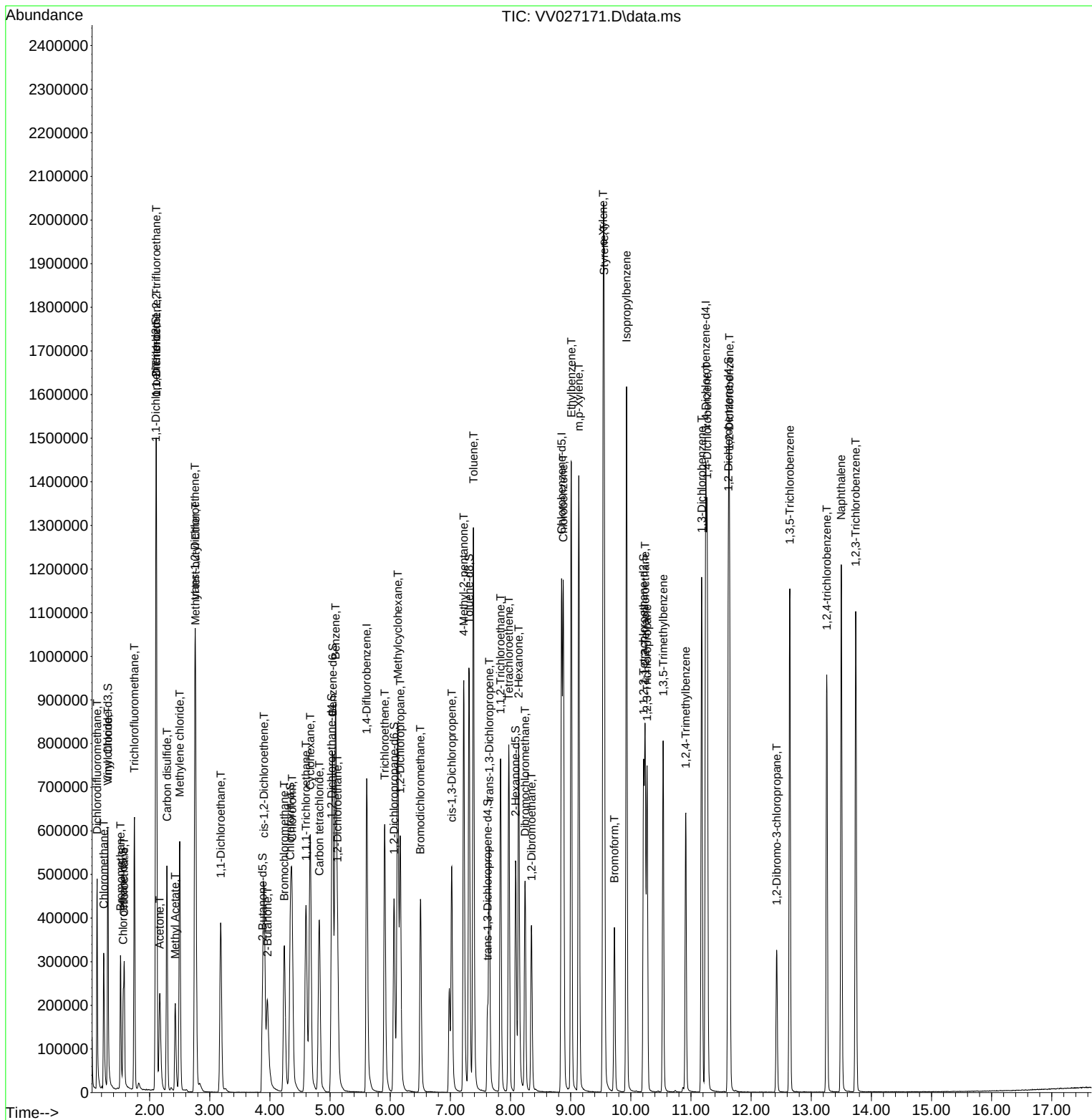
Instrument :
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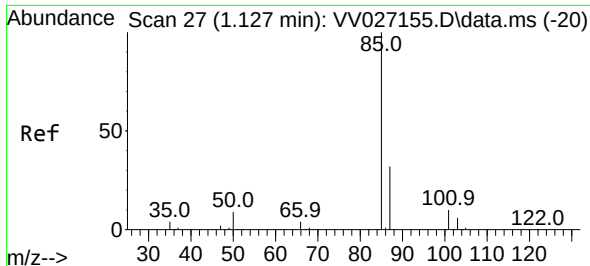
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	300028	46.371	ug/L	99
29) Cyclohexane	4.670	56	310158	47.474	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	367451	45.411	ug/L	99
31) Carbon tetrachloride	4.821	117	318208	45.733	ug/L	99
33) Benzene	5.092	78	927178	46.848	ug/L	100
34) Trichloroethene	5.908	95	227263	44.652	ug/L	98
35) Methylcyclohexane	6.127	83	372266	49.282	ug/L	100
37) 1,2-Dichloropropane	6.169	63	239967	46.185	ug/L	99
38) Bromodichloromethane	6.503	83	312247	45.370	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	340374	46.698	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	586132	95.450	ug/L	100
42) Toluene	7.384	91	986593	48.322	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	330009	47.123	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	247305	45.279	ug/L	98
46) Tetrachloroethene	7.972	164	183954	47.340	ug/L	98
48) 2-Hexanone	8.136	43	471163	98.686	ug/L	99
49) Dibromochloromethane	8.243	129	257054	45.338	ug/L	99
50) 1,2-Dibromoethane	8.349	107	255562	45.196	ug/L	100
51) Chlorobenzene	8.879	112	647703	45.841	ug/L	99
52) Ethylbenzene	9.011	91	1012430	48.385	ug/L	99
53) m,p-Xylene	9.136	106	408244	49.737	ug/L	99
54) o-Xylene	9.542	106	390688	48.624	ug/L	99
55) Styrene	9.558	104	727282	52.080	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	403797	45.593	ug/L	99
59) Bromoform	9.728	173	171373	41.814	ug/L	99
60) Isopropylbenzene	9.931	105	1021582	46.899	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	307946	41.781	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	425369	45.084	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	343796	45.099	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	491172	45.752	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	514779	45.455	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	504955	44.792	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	81339	41.249	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	346736	45.525	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	292188	45.689	ug/L	99
71) Naphthalene	13.500	128	942820	44.881	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	331784	47.442	ug/L	100

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

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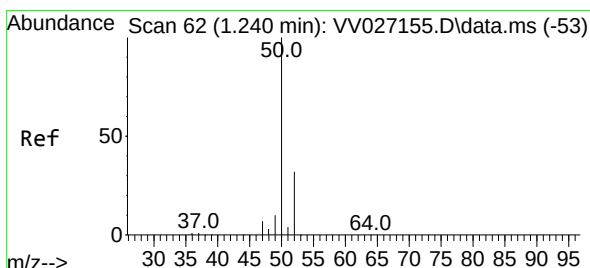
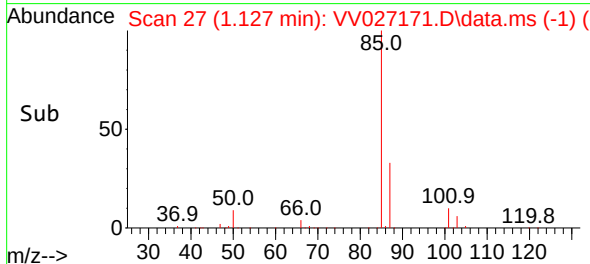
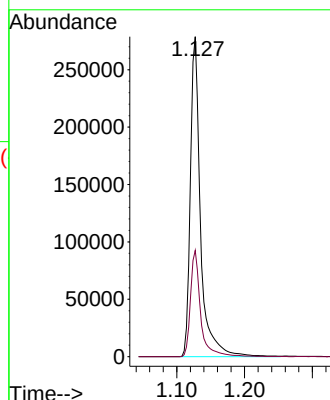
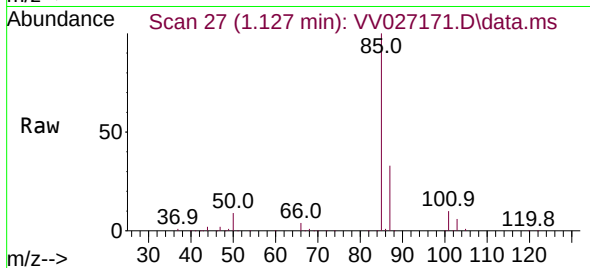




#2
 Dichlorodifluoromethane
 Concen: 46.292 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027171.D
 Acq: 02 Aug 2022 14:45

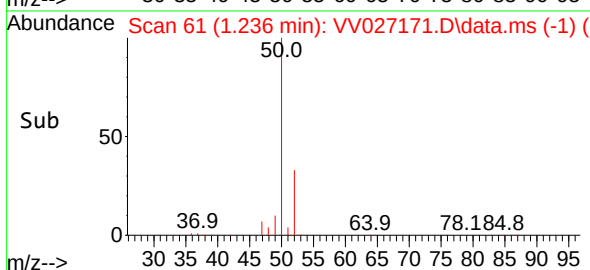
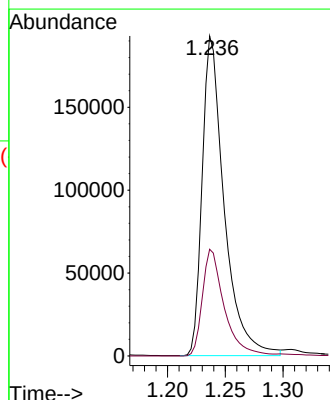
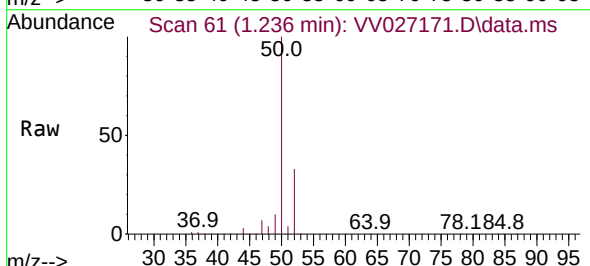
Instrument :
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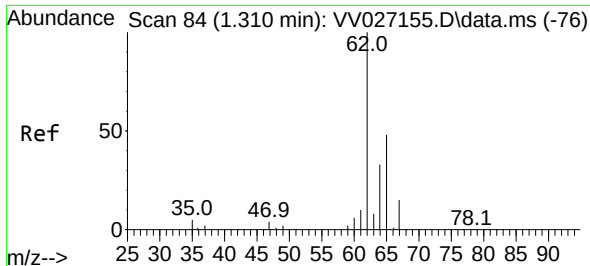
Tgt Ion: 85 Resp: 290880
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.3 39.5



#3
 Chloromethane
 Concen: 42.843 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV027171.D
 Acq: 02 Aug 2022 14:45

Tgt Ion: 50 Resp: 255276
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.7 43.9

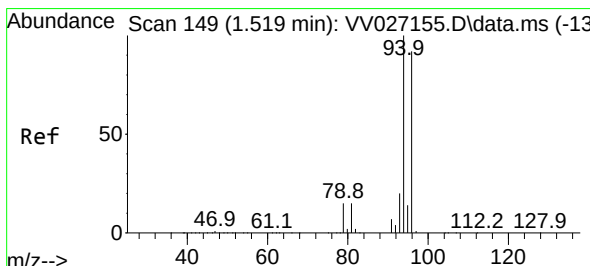
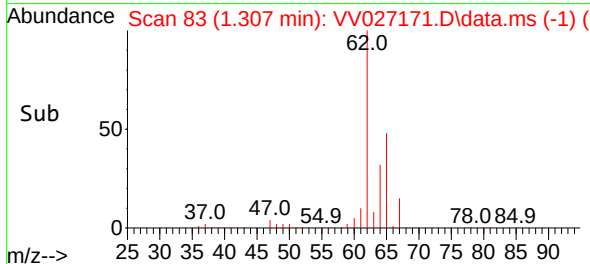
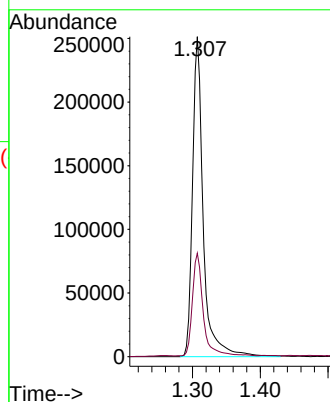
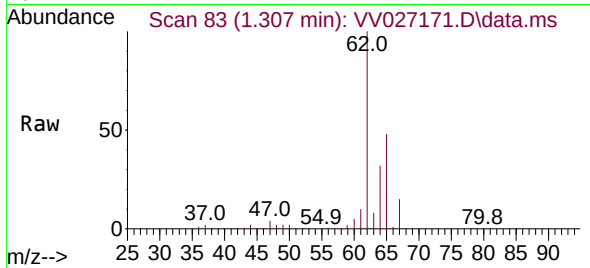




#5
 Vinyl chloride
 Concen: 44.629 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV027171.D
 Acq: 02 Aug 2022 14:45

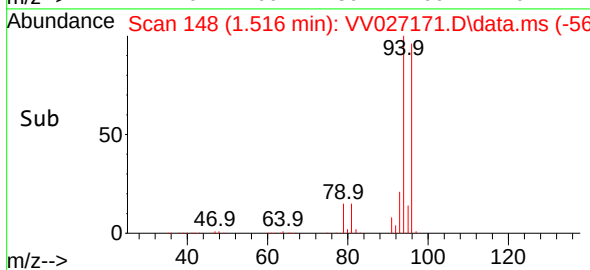
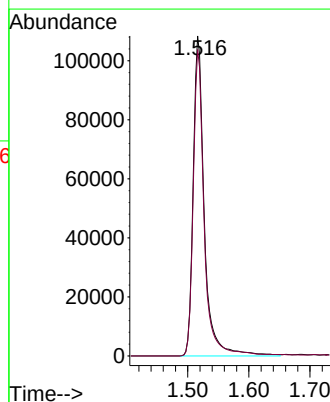
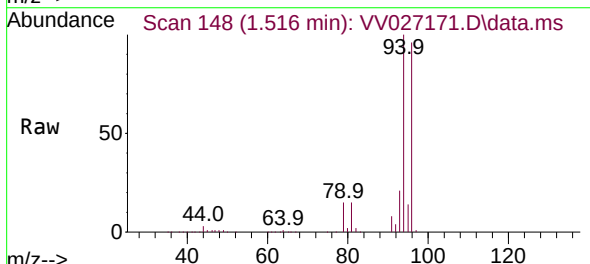
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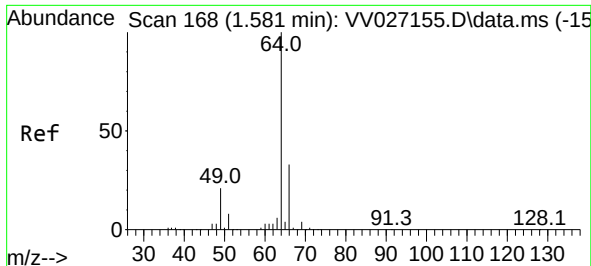
Tgt Ion: 62 Resp: 276796
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.1 42.9



#6
 Bromomethane
 Concen: 42.788 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.003 min
 Lab File: VV027171.D
 Acq: 02 Aug 2022 14:45

Tgt Ion: 94 Resp: 137621
 Ion Ratio Lower Upper
 94 100
 96 95.7 66.6 123.6

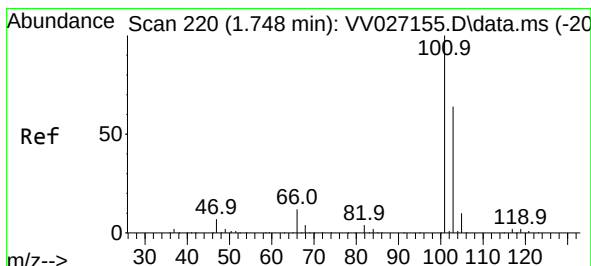
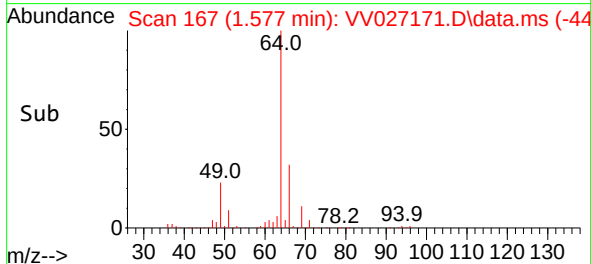
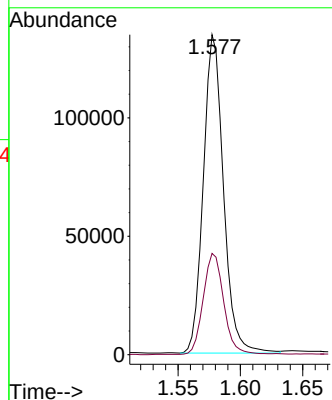
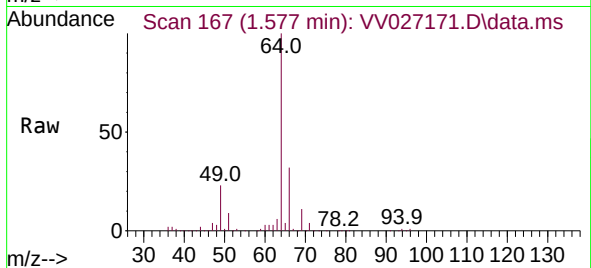




#8
Chloroethane
Concen: 45.450 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

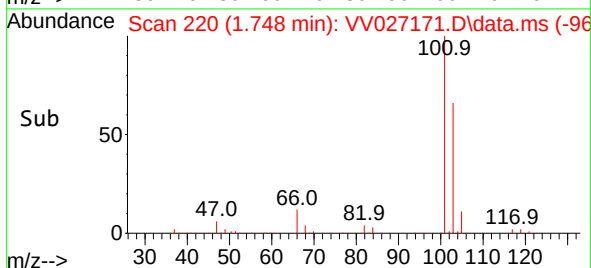
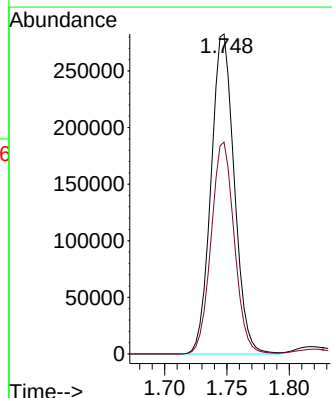
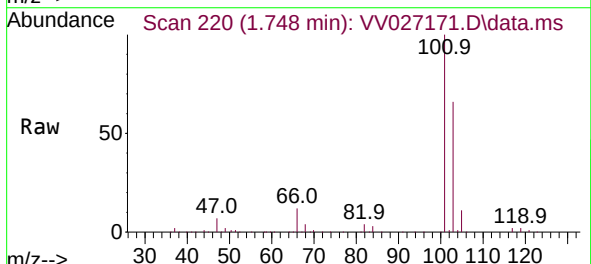
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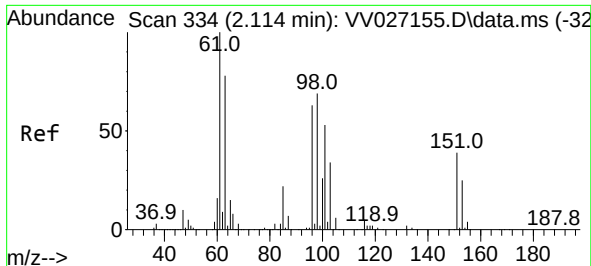
Tgt Ion: 64 Resp: 151032
Ion Ratio Lower Upper
64 100
66 31.7 22.6 42.0



#9
Trichlorofluoromethane
Concen: 44.878 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

Tgt Ion: 101 Resp: 366718
Ion Ratio Lower Upper
101 100
103 66.0 51.8 77.8

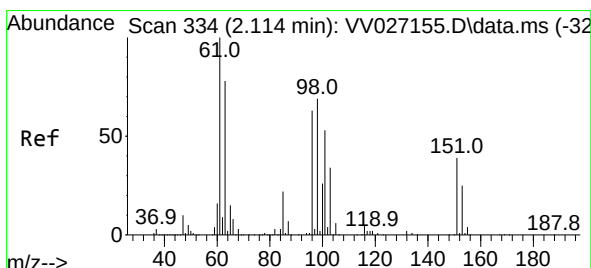
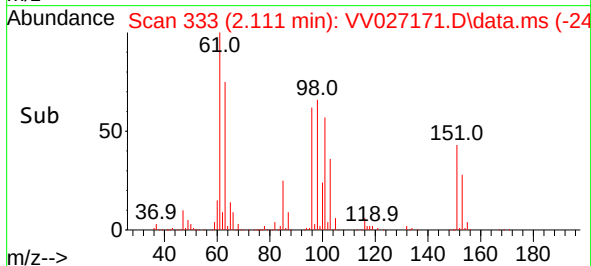
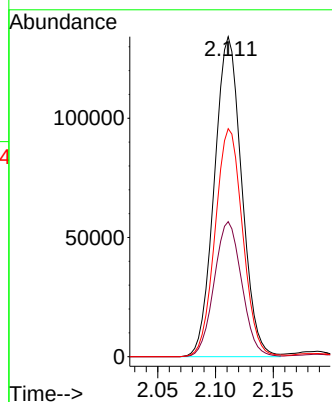
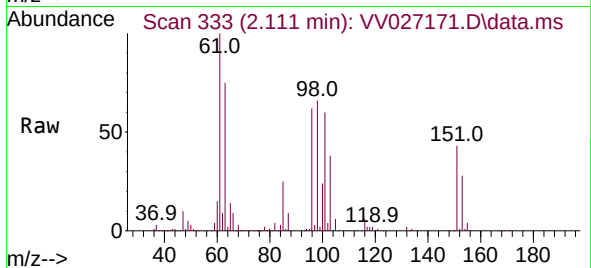




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.225 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV027171.D
 Acq: 02 Aug 2022 14:45

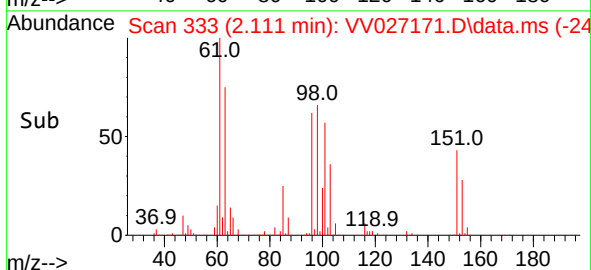
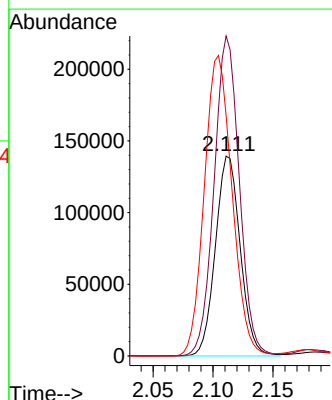
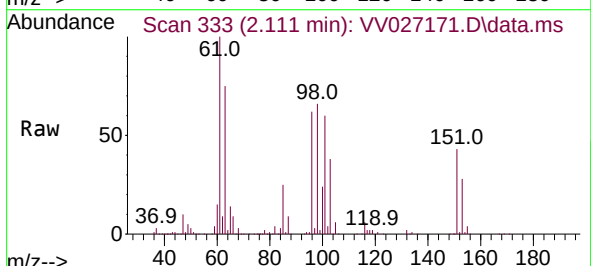
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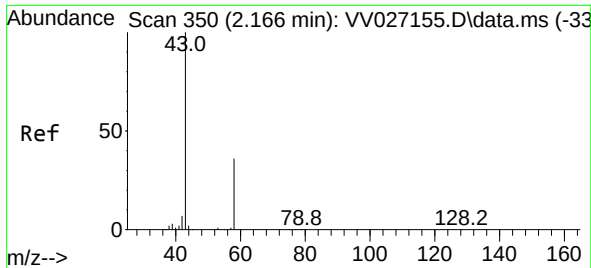
Tgt Ion:101 Resp: 221317
 Ion Ratio Lower Upper
 101 100
 85 42.5 33.9 50.9
 151 71.9 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 44.005 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV027171.D
 Acq: 02 Aug 2022 14:45

Tgt Ion: 96 Resp: 200385
 Ion Ratio Lower Upper
 96 100
 61 160.1 110.7 205.5
 63 120.3 78.4 145.6





#13

Acetone

Concen: 102.584 ug/L

RT: 2.169 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV027171.D

Acq: 02 Aug 2022 14:45

Instrument :

MSVOA_V

ClientSampleId :

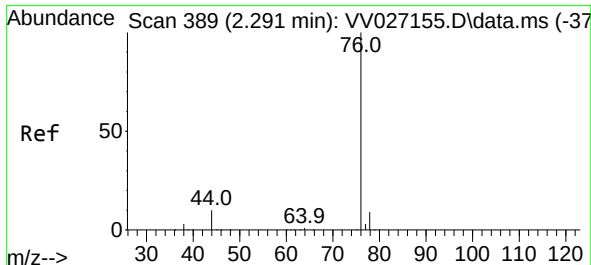
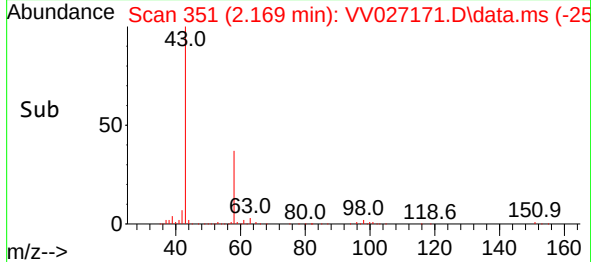
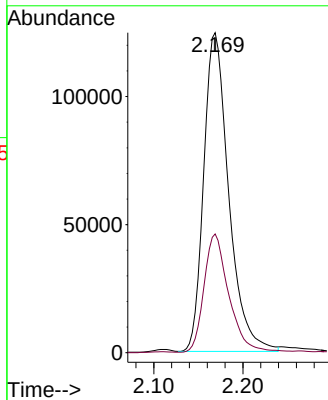
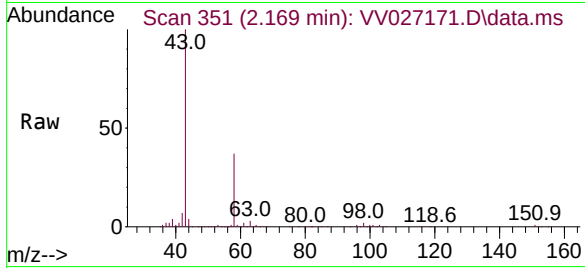
VSTD050324

Tgt Ion: 43 Resp: 242716

Ion Ratio Lower Upper

43 100

58 36.9 0.0 73.6



#14

Carbon disulfide

Concen: 43.445 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.003 min

Lab File: VV027171.D

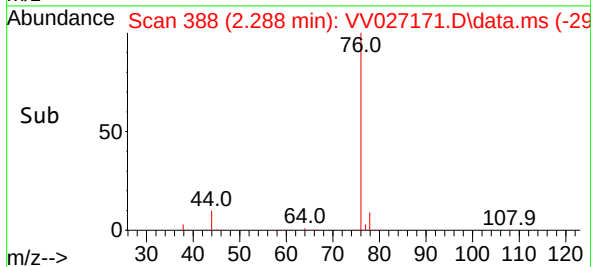
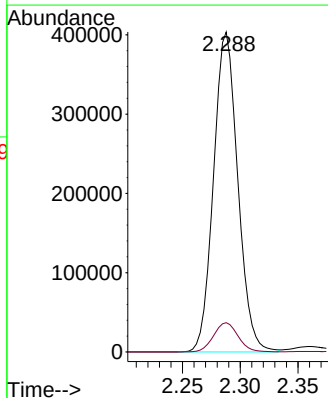
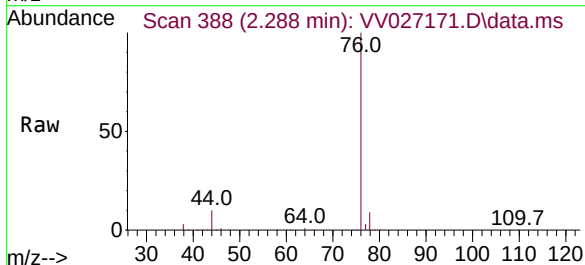
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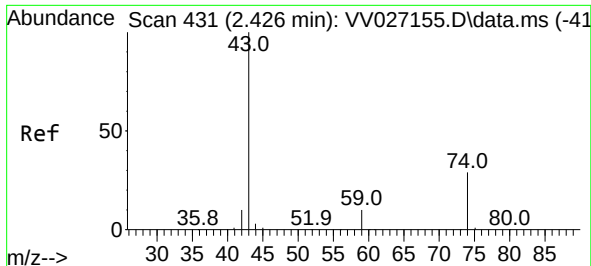
Tgt Ion: 76 Resp: 589177

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

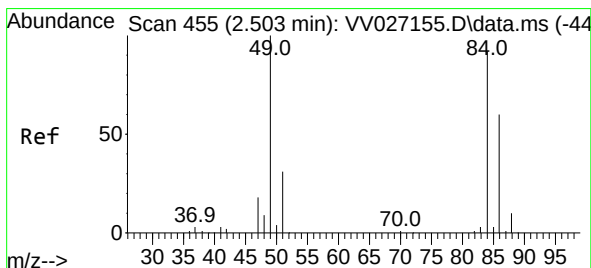
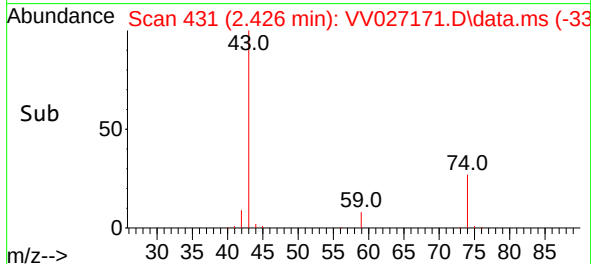
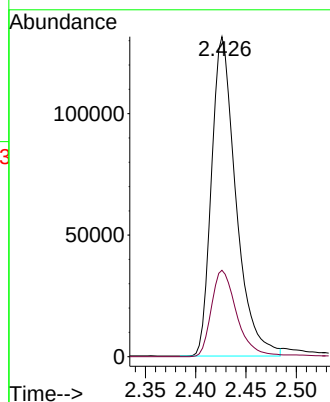
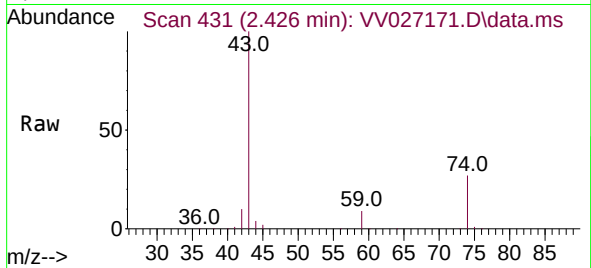




#15
Methyl Acetate
Concen: 43.205 ug/L
RT: 2.426 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

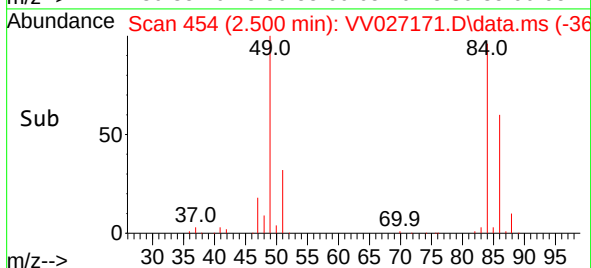
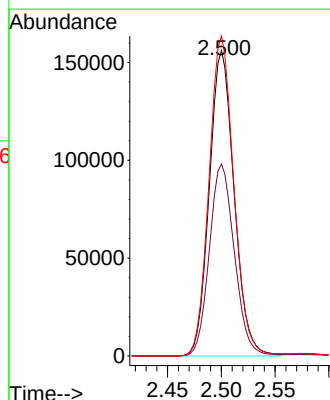
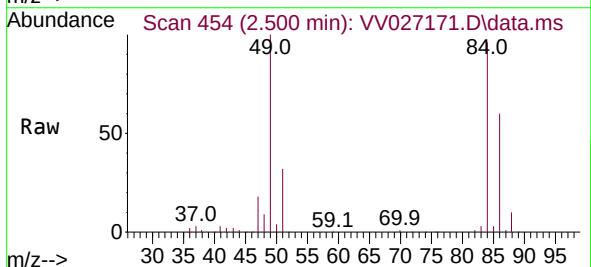
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

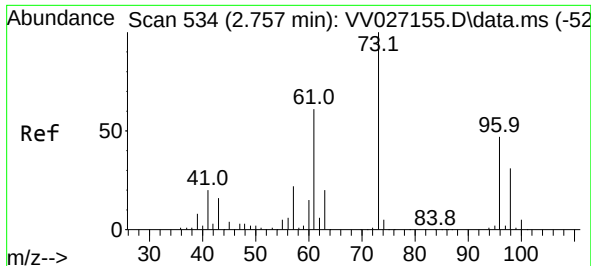
Tgt Ion: 43 Resp: 222395
Ion Ratio Lower Upper
43 100
74 28.1 22.4 33.6



#16
Methylene chloride
Concen: 43.356 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

Tgt Ion: 84 Resp: 250250
Ion Ratio Lower Upper
84 100
86 62.8 45.3 84.1
49 104.7 76.0 141.2





#17

trans-1,2-Dichloroethene

Concen: 44.573 ug/L

RT: 2.754 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV027171.D

Acq: 02 Aug 2022 14:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD050324

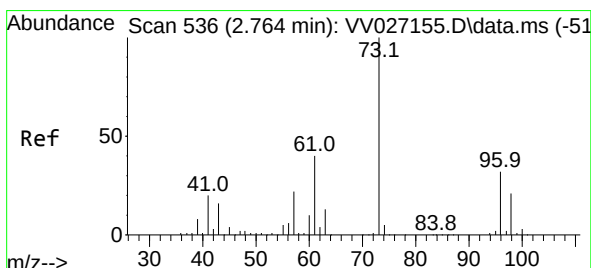
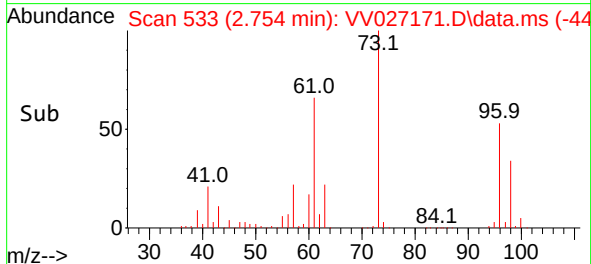
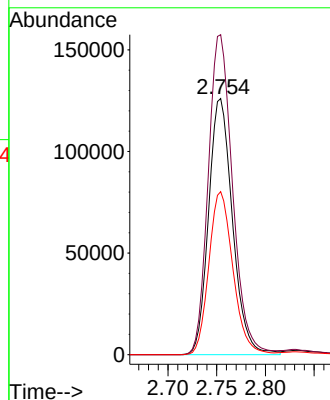
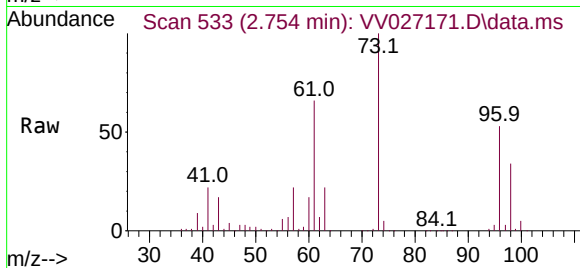
Tgt Ion: 96 Resp: 216045

Ion Ratio Lower Upper

96 100

61 124.9 89.2 165.6

98 63.7 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 44.985 ug/L

RT: 2.764 min Scan# 536

Delta R.T. -0.000 min

Lab File: VV027171.D

Acq: 02 Aug 2022 14:45

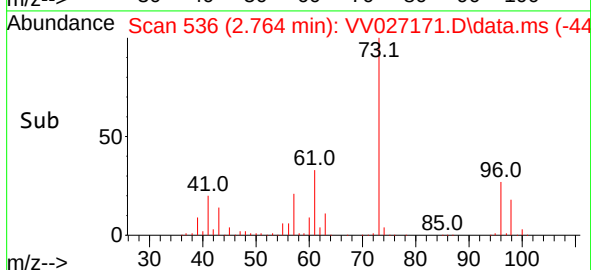
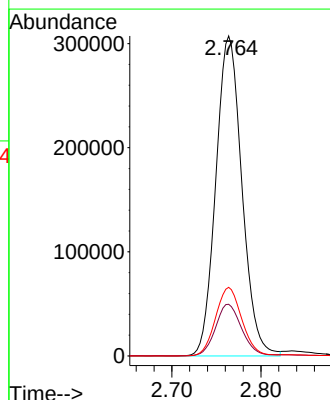
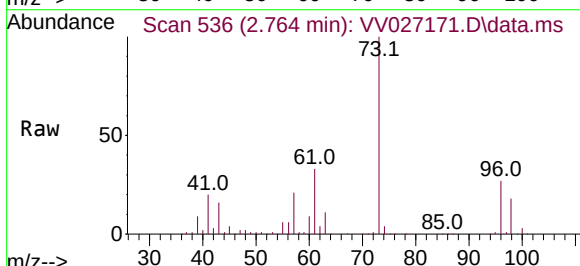
Tgt Ion: 73 Resp: 626359

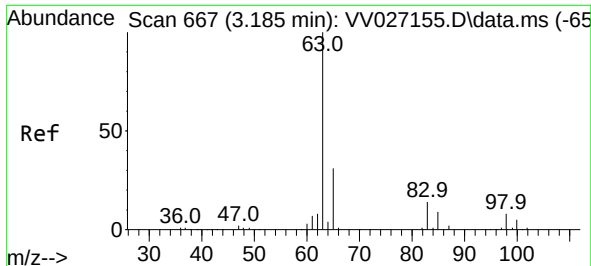
Ion Ratio Lower Upper

73 100

43 16.0 12.6 18.8

57 21.6 17.2 25.8





#19

1,1-Dichloroethane

Concen: 44.219 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV027171.D

Acq: 02 Aug 2022 14:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD050324

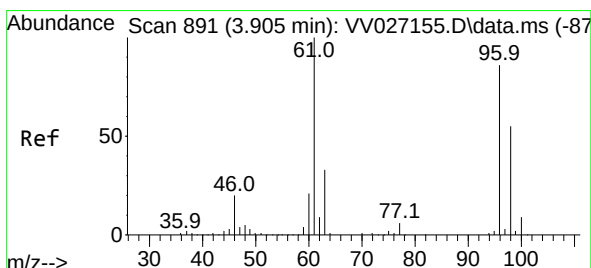
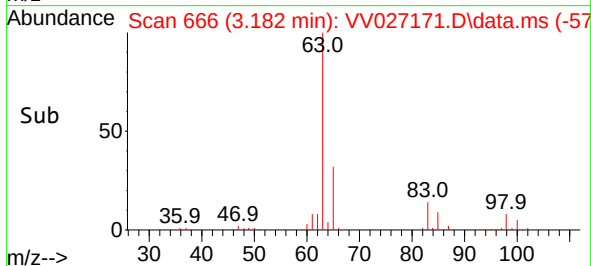
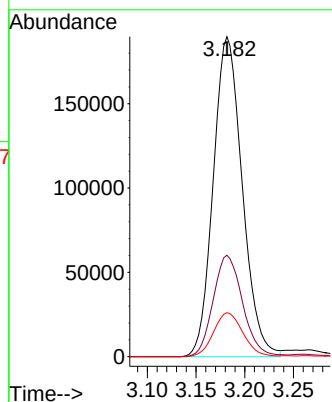
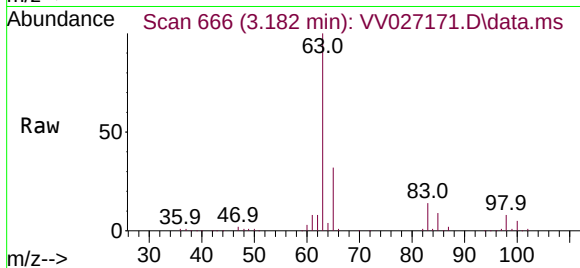
Tgt Ion: 63 Resp: 392468

Ion Ratio Lower Upper

63 100

65 31.7 22.9 42.5

83 13.8 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 45.189 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.003 min

Lab File: VV027171.D

Acq: 02 Aug 2022 14:45

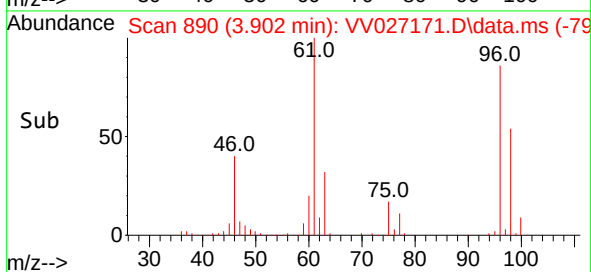
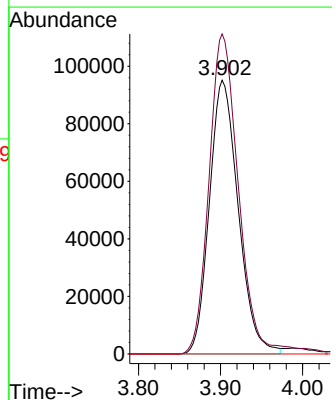
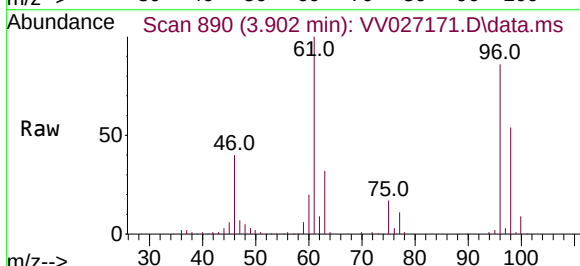
Tgt Ion: 96 Resp: 232499

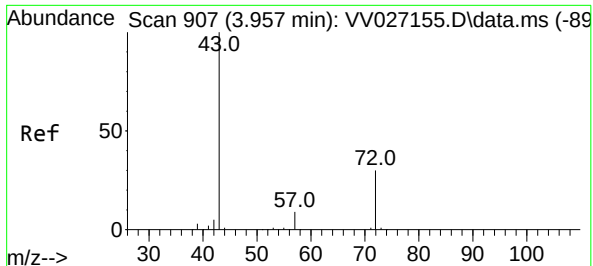
Ion Ratio Lower Upper

96 100

61 116.9 81.7 151.7

68 0.0 0.0 0.0

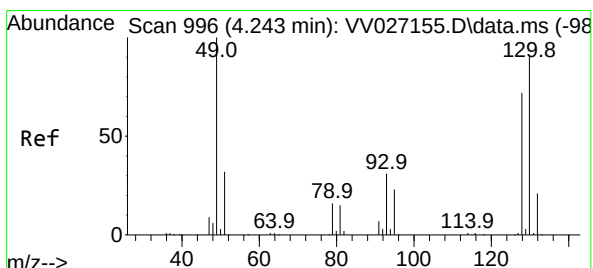
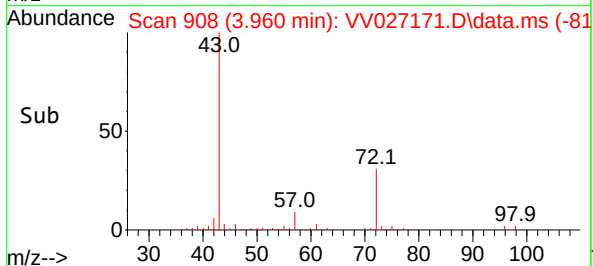
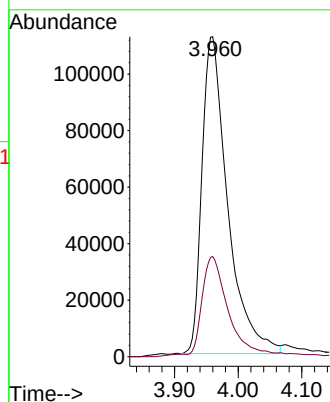
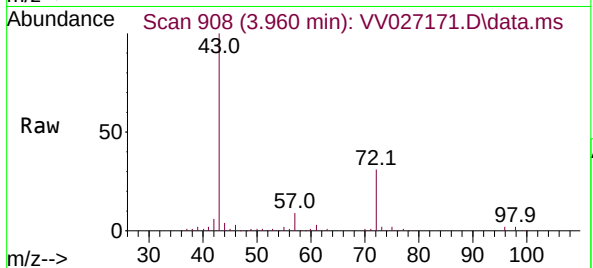




#22
2-Butanone
Concen: 96.874 ug/L
RT: 3.960 min Scan# 907
Delta R.T. 0.003 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

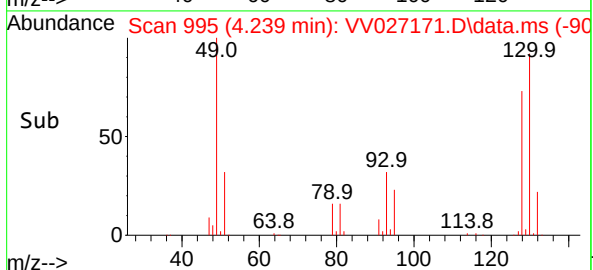
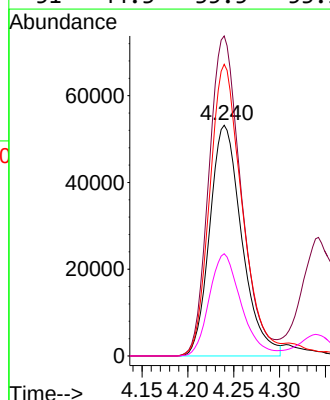
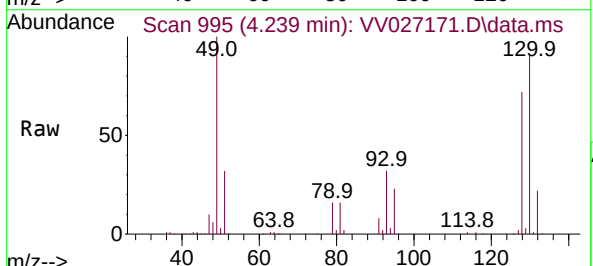
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

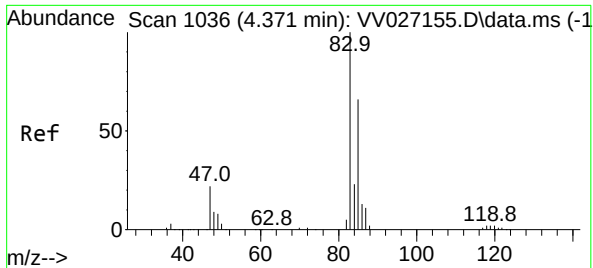
Tgt Ion: 43 Resp: 315847
Ion Ratio Lower Upper
43 100
72 29.7 15.7 47.1



#23
Bromochloromethane
Concen: 44.232 ug/L
RT: 4.239 min Scan# 995
Delta R.T. -0.003 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

Tgt Ion:128 Resp: 129299
Ion Ratio Lower Upper
128 100
49 138.7 98.6 183.2
130 126.5 89.7 166.5
51 44.3 35.5 53.3

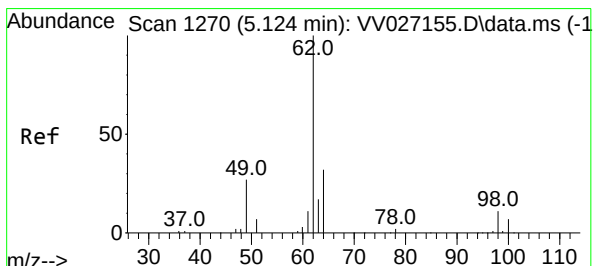
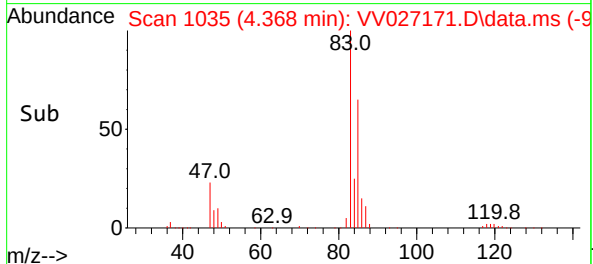
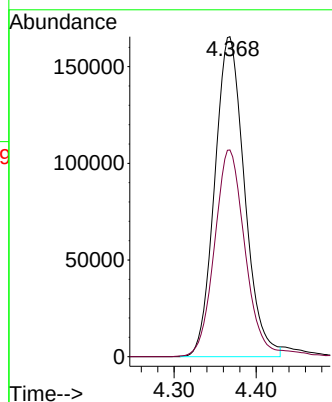
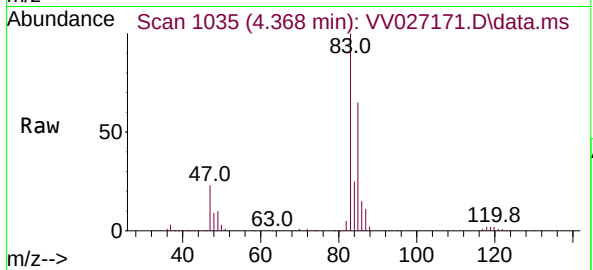




#25
Chloroform
Concen: 44.742 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

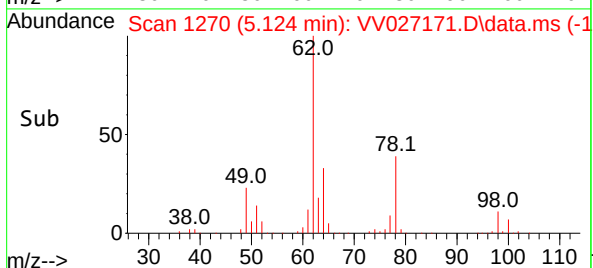
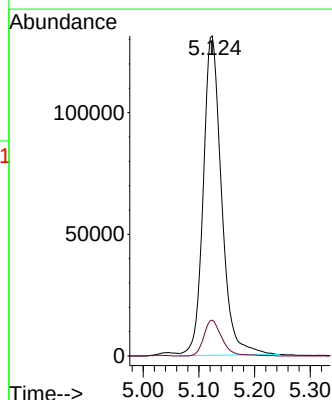
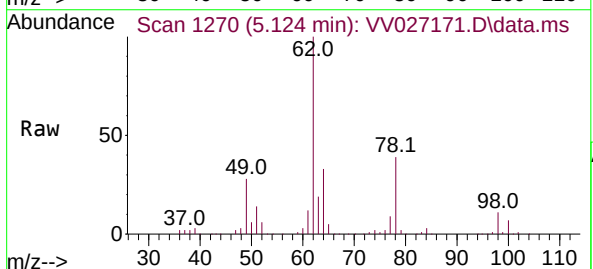
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

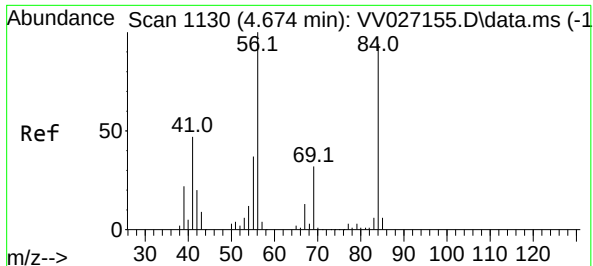
Tgt Ion: 83 Resp: 418114
Ion Ratio Lower Upper
83 100
85 64.6 45.3 84.1



#27
1,2-Dichloroethane
Concen: 46.371 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

Tgt Ion: 62 Resp: 300028
Ion Ratio Lower Upper
62 100
98 11.2 9.2 13.8





#29

Cyclohexane

Concen: 47.474 ug/L

RT: 4.670 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VV027171.D

Acq: 02 Aug 2022 14:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD050324

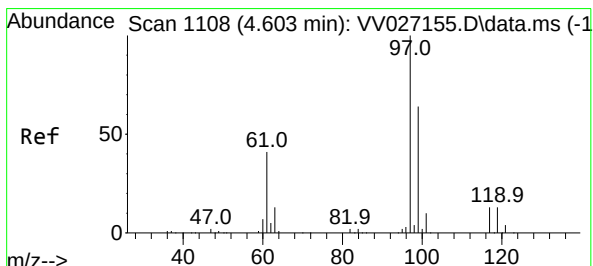
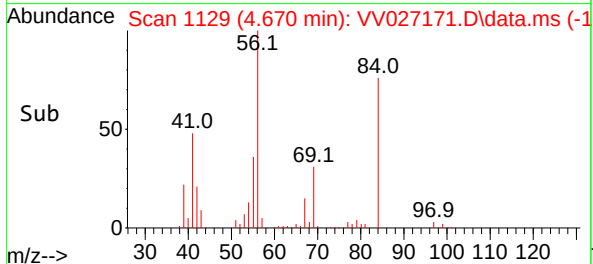
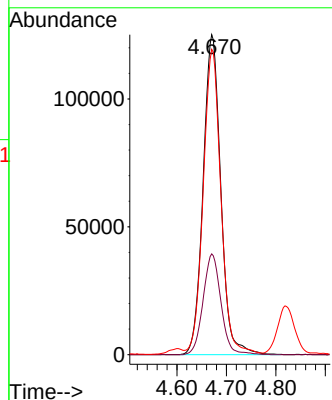
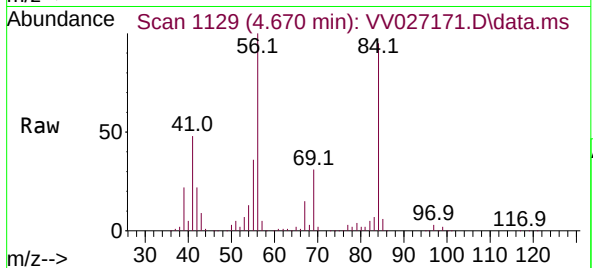
Tgt Ion: 56 Resp: 310158

Ion Ratio Lower Upper

56 100

69 31.4 26.1 39.1

84 94.4 77.3 115.9



#30

1,1,1-Trichloroethane

Concen: 45.411 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV027171.D

Acq: 02 Aug 2022 14:45

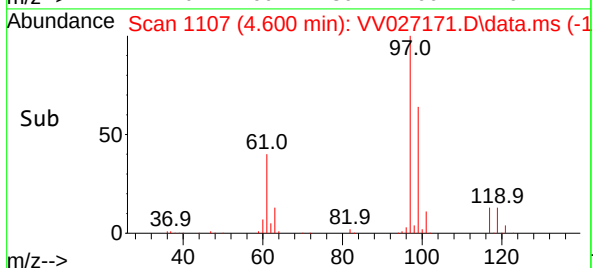
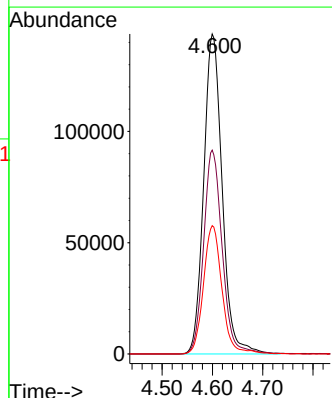
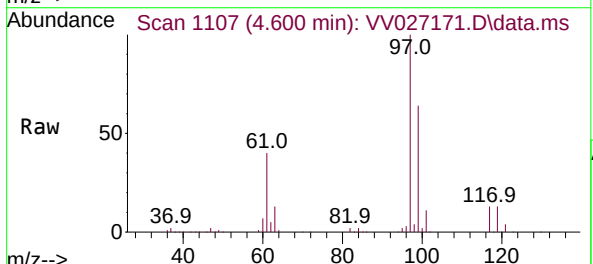
Tgt Ion: 97 Resp: 367451

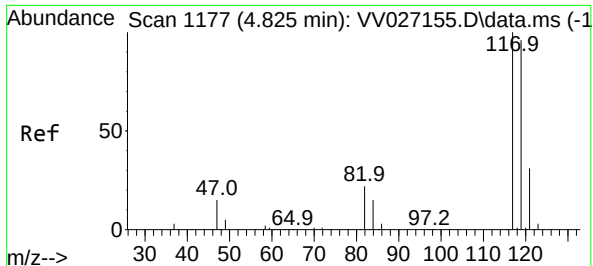
Ion Ratio Lower Upper

97 100

99 63.9 51.8 77.8

61 39.6 32.7 49.1

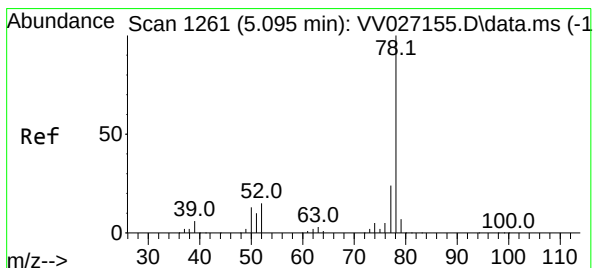
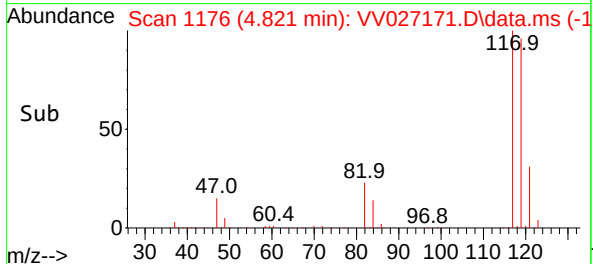
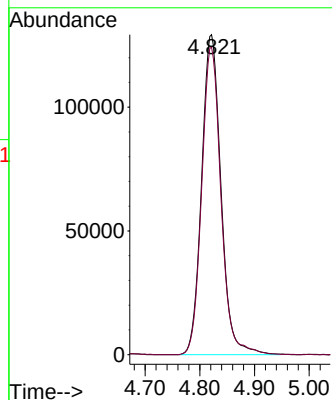
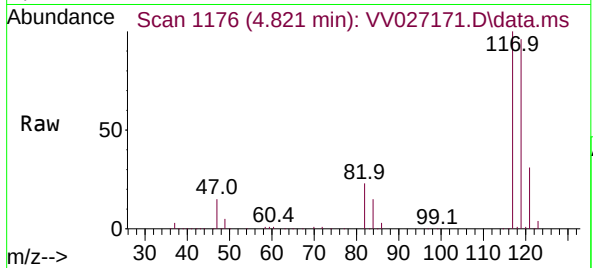




#31
Carbon tetrachloride
Concen: 45.733 ug/L
RT: 4.821 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

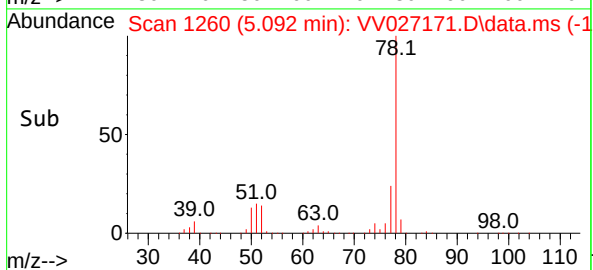
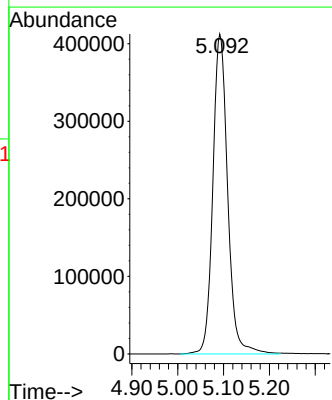
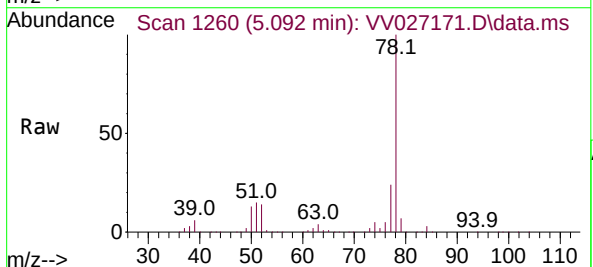
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

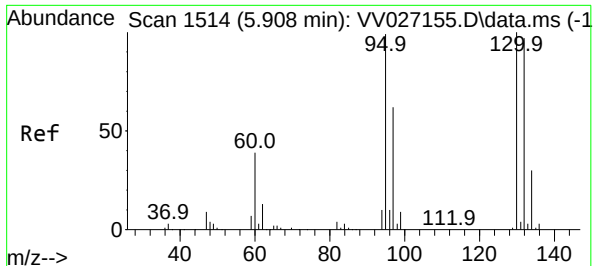
Tgt Ion:117 Resp: 318208
Ion Ratio Lower Upper
117 100
119 95.5 77.1 115.7



#33
Benzene
Concen: 46.848 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

Tgt Ion: 78 Resp: 927178

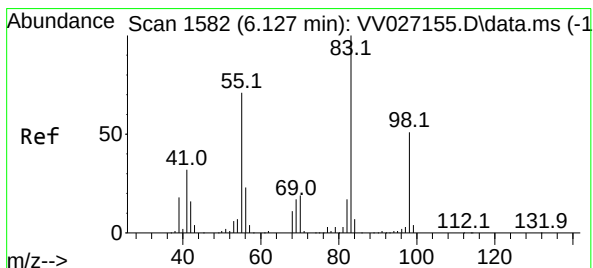
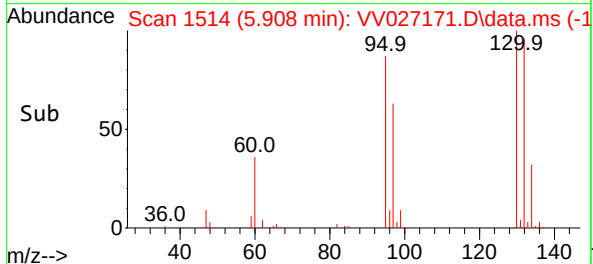
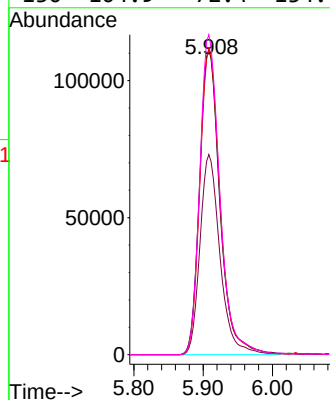
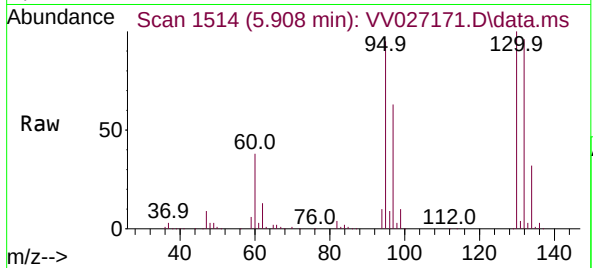




#34
Trichloroethene
Concen: 44.652 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

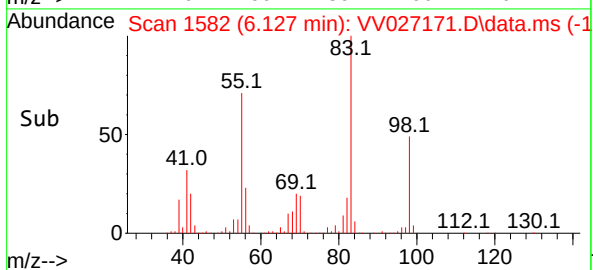
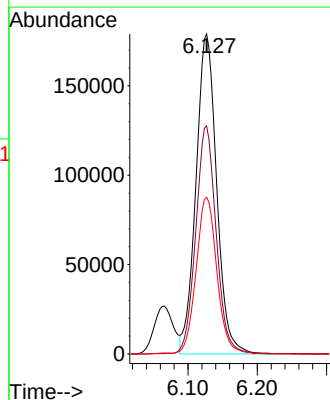
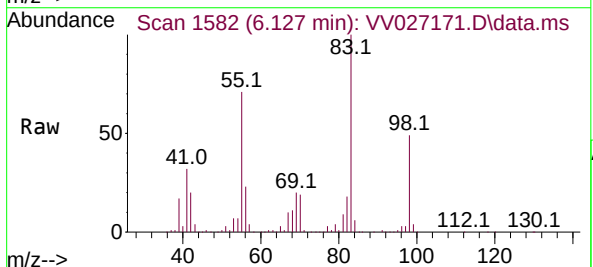
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

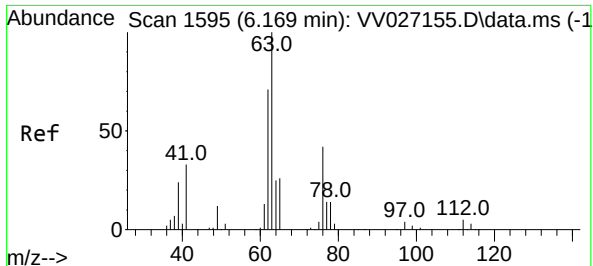
Tgt Ion: 95 Resp: 227263
Ion Ratio Lower Upper
95 100
97 65.6 47.0 87.2
132 100.2 71.5 132.7
130 104.9 72.4 134.4



#35
Methylcyclohexane
Concen: 49.282 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

Tgt Ion: 83 Resp: 372266
Ion Ratio Lower Upper
83 100
55 70.1 56.2 84.4
98 49.0 39.6 59.4





#37

1,2-Dichloropropane

Concen: 46.185 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV027171.D

Acq: 02 Aug 2022 14:45

Instrument :

MSVOA_V

ClientSampleId :

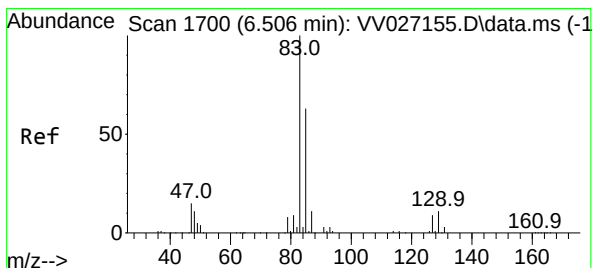
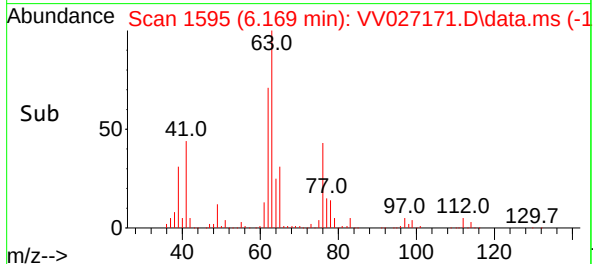
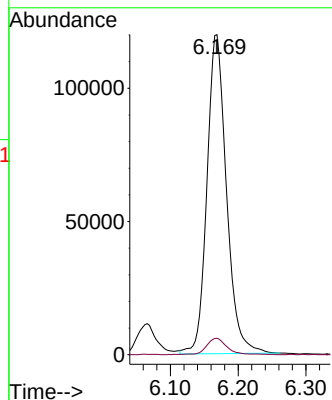
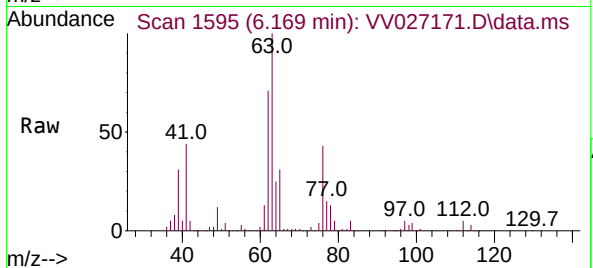
VSTD050324

Tgt Ion: 63 Resp: 239967

Ion Ratio Lower Upper

63 100

112 5.4 4.0 6.0



#38

Bromodichloromethane

Concen: 45.370 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV027171.D

Acq: 02 Aug 2022 14:45

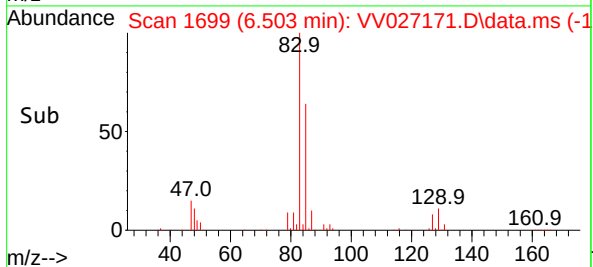
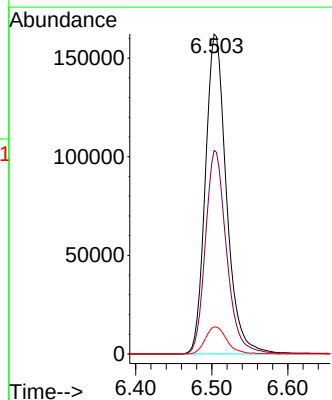
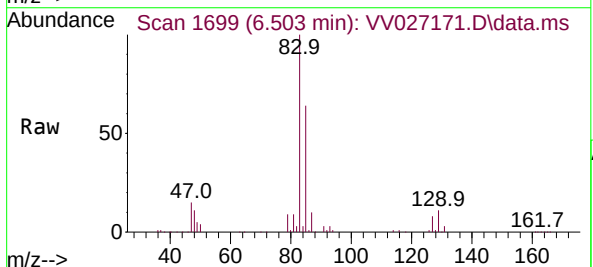
Tgt Ion: 83 Resp: 312247

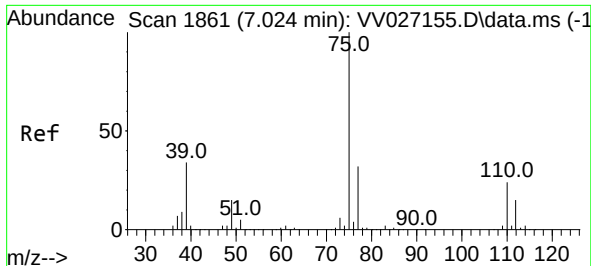
Ion Ratio Lower Upper

83 100

85 63.6 45.1 83.9

127 8.5 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 46.698 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV027171.D

Acq: 02 Aug 2022 14:45

Instrument :

MSVOA_V

ClientSampleId :

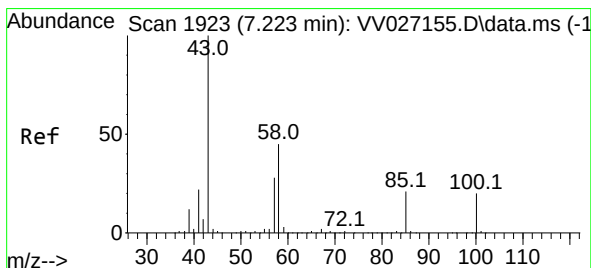
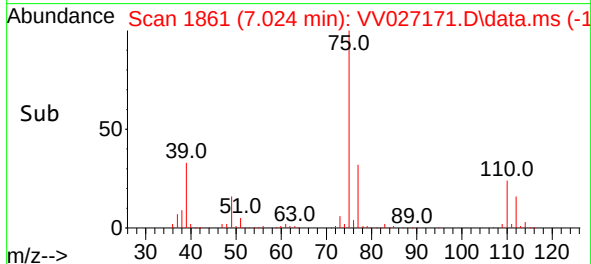
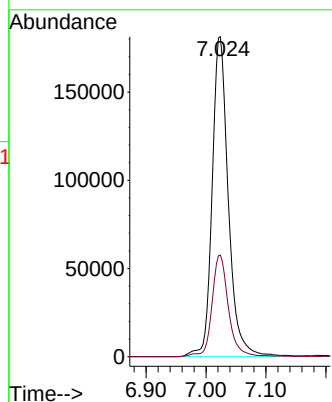
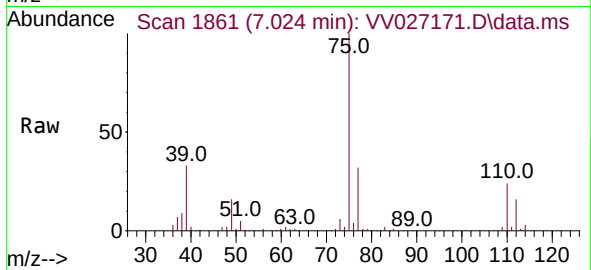
VSTD050324

Tgt Ion: 75 Resp: 340374

Ion Ratio Lower Upper

75 100

77 31.7 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 95.450 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV027171.D

Acq: 02 Aug 2022 14:45

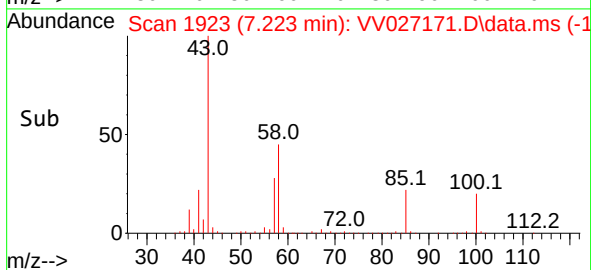
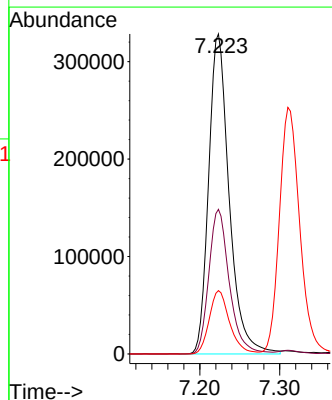
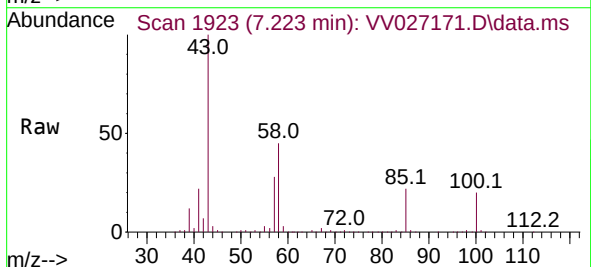
Tgt Ion: 43 Resp: 586132

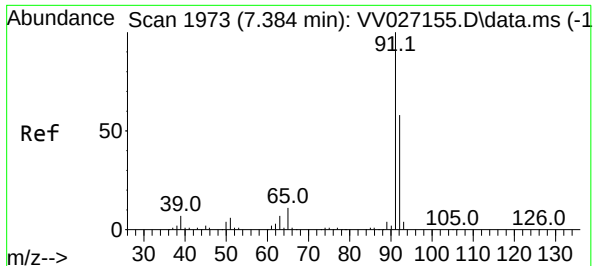
Ion Ratio Lower Upper

43 100

58 45.2 36.1 54.1

100 19.7 15.8 23.6





#42

Toluene

Concen: 48.322 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV027171.D

Acq: 02 Aug 2022 14:45

Instrument :

MSVOA_V

ClientSampleId :

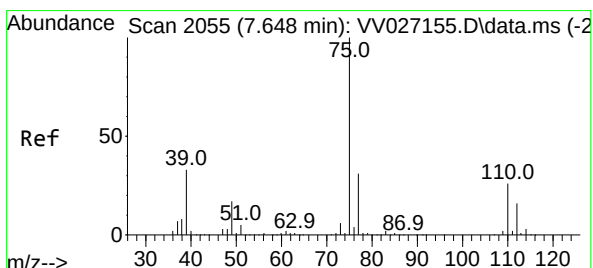
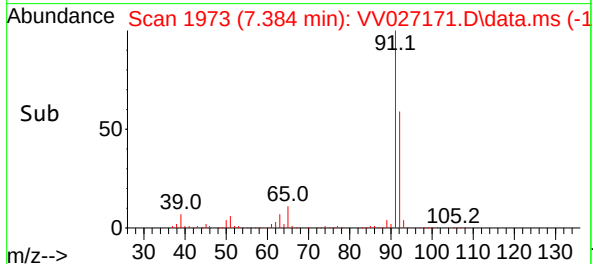
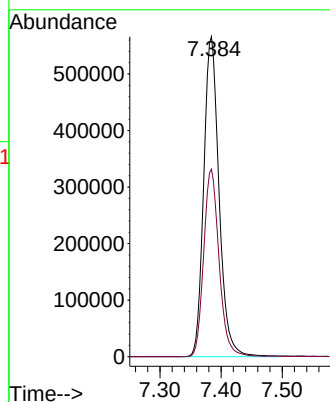
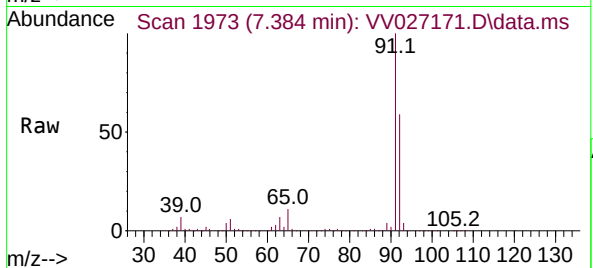
VSTD050324

Tgt Ion: 91 Resp: 986593

Ion Ratio Lower Upper

91 100

92 58.6 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 47.123 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV027171.D

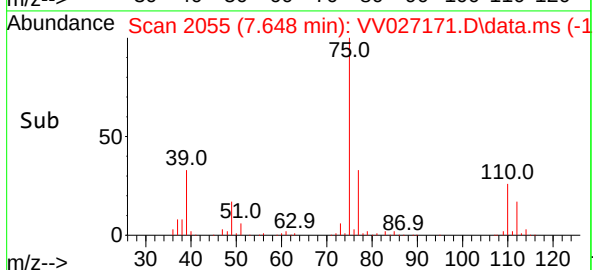
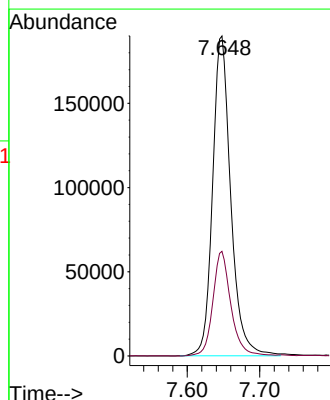
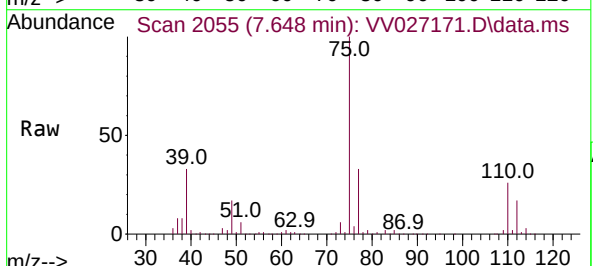
Acq: 02 Aug 2022 14:45

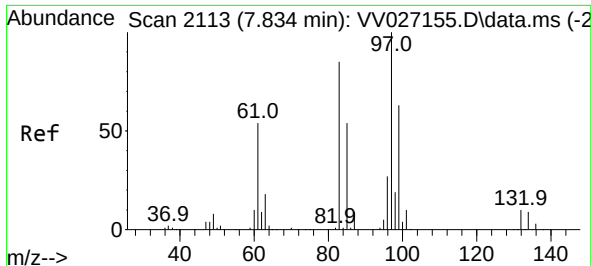
Tgt Ion: 75 Resp: 330009

Ion Ratio Lower Upper

75 100

77 32.7 22.0 40.8

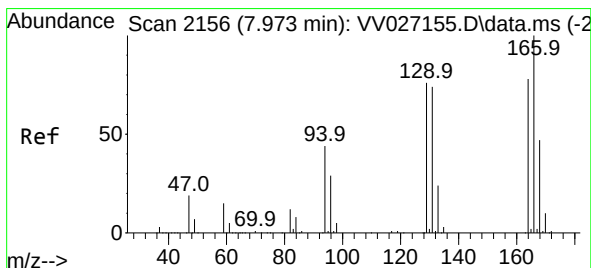
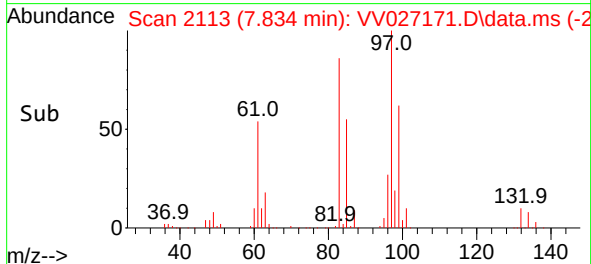
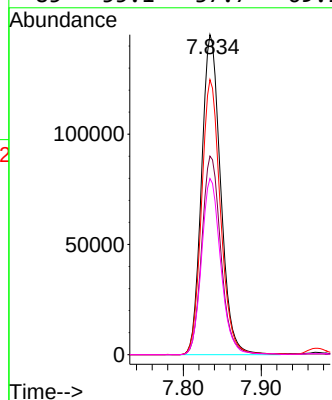
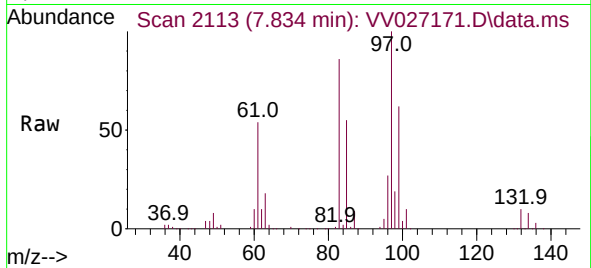




#45
1,1,2-Trichloroethane
Concen: 45.279 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

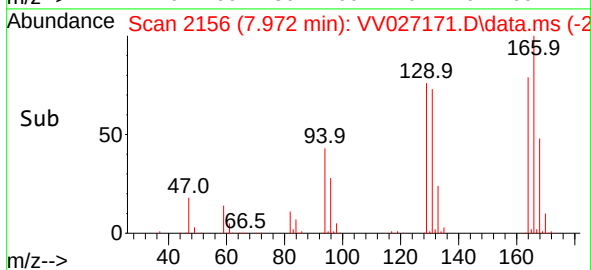
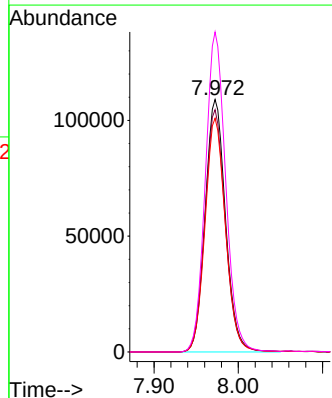
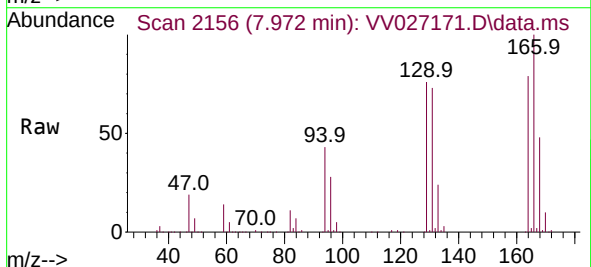
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

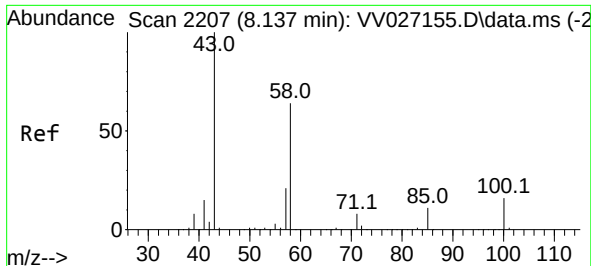
Tgt Ion:	97	Resp:	247305
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.3	80.5
83	85.9	58.2	108.2
85	55.1	37.7	69.9



#46
Tetrachloroethene
Concen: 47.340 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

Tgt Ion:	164	Resp:	183954
Ion	Ratio	Lower	Upper
164	100		
129	96.0	66.0	122.6
131	92.6	63.1	117.1
166	126.8	86.7	161.1



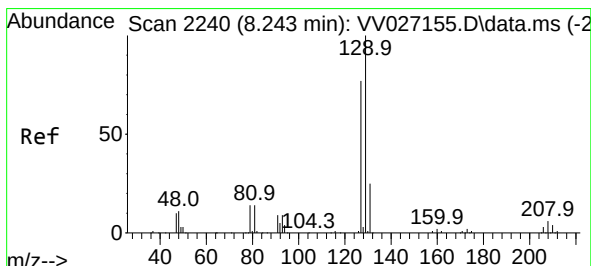
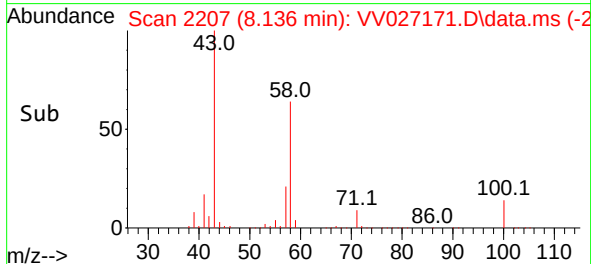
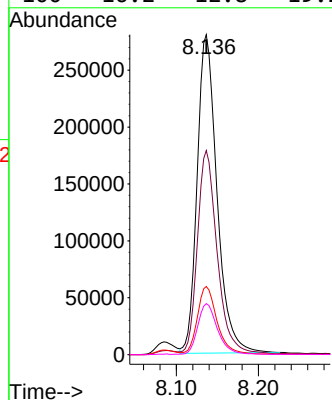
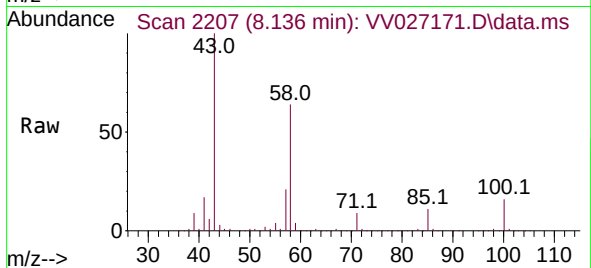


#48
2-Hexanone
Concen: 98.686 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

Tgt Ion: 43 Resp: 471163

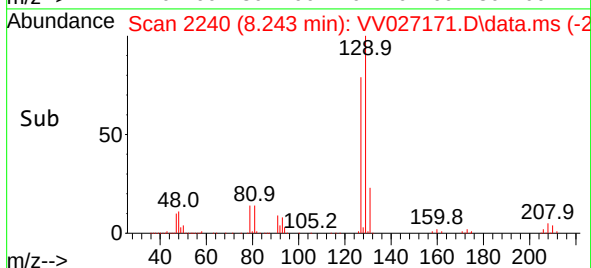
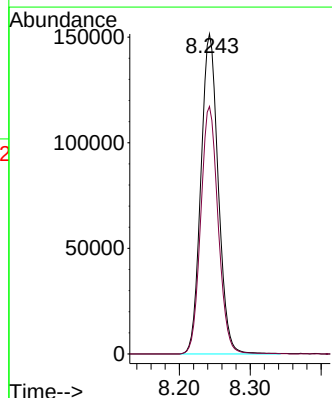
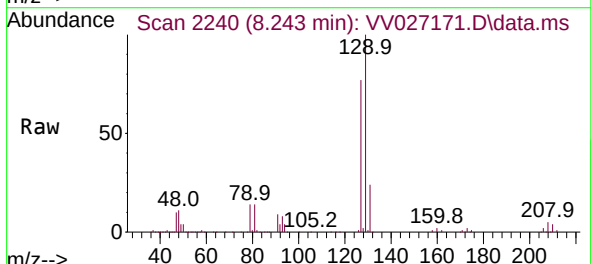
Ion	Ratio	Lower	Upper
43	100		
58	63.3	51.3	76.9
57	21.0	16.7	25.1
100	16.2	12.8	19.2

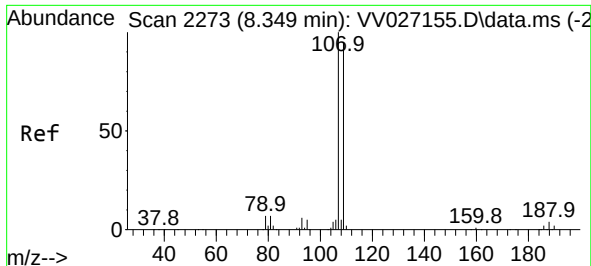


#49
Dibromochloromethane
Concen: 45.338 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

Tgt Ion: 129 Resp: 257054

Ion	Ratio	Lower	Upper
129	100		
127	77.4	54.5	101.3





#50

1,2-Dibromoethane

Concen: 45.196 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV027171.D

Acq: 02 Aug 2022 14:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD050324

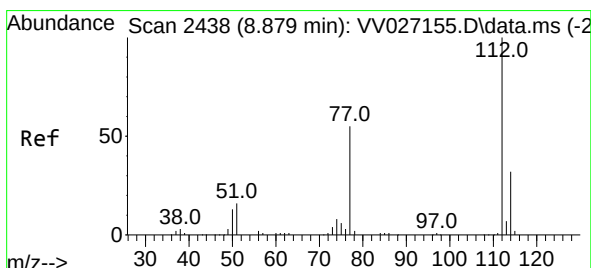
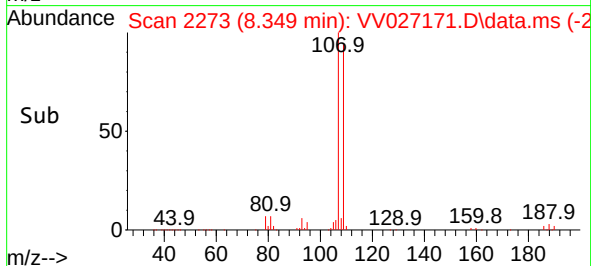
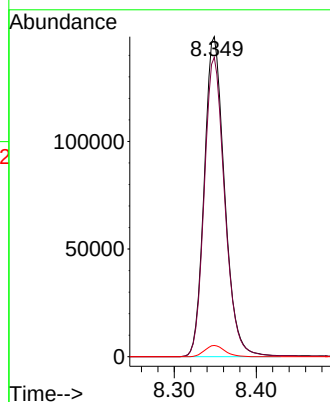
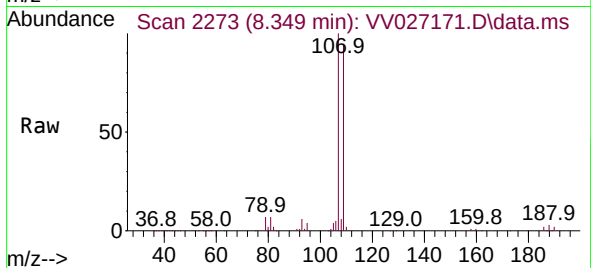
Tgt Ion:107 Resp: 255562

Ion Ratio Lower Upper

107 100

109 93.5 65.3 121.3

188 3.5 2.6 4.0



#51

Chlorobenzene

Concen: 45.841 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV027171.D

Acq: 02 Aug 2022 14:45

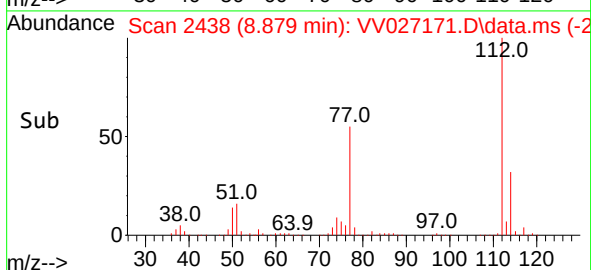
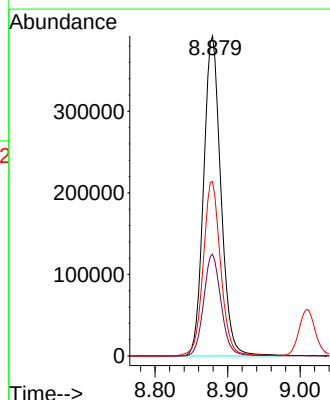
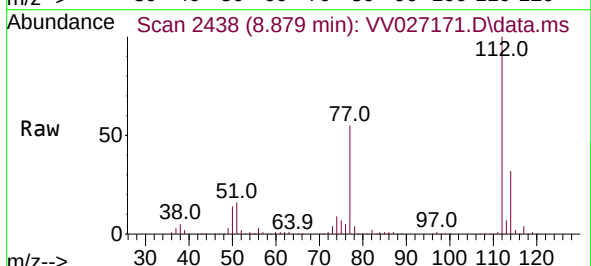
Tgt Ion:112 Resp: 647703

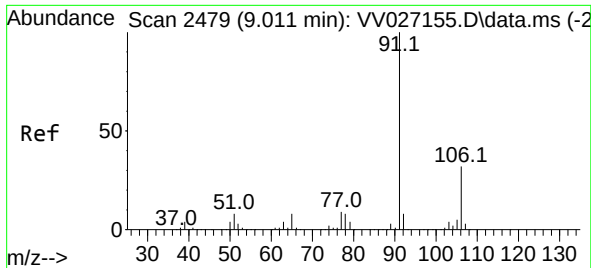
Ion Ratio Lower Upper

112 100

114 31.8 22.3 41.3

77 54.5 44.9 67.3

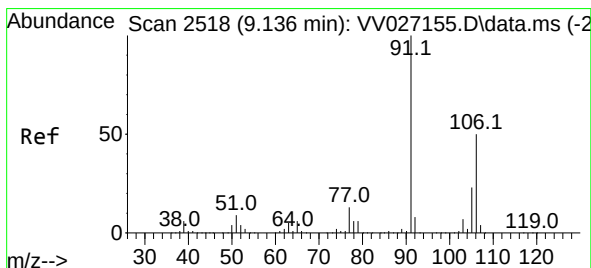
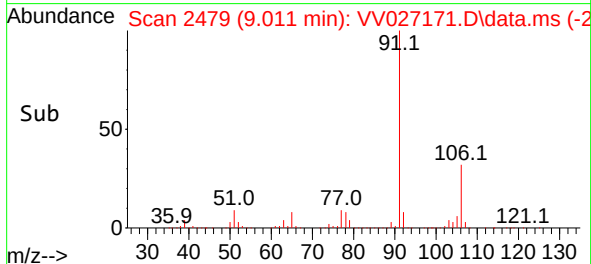
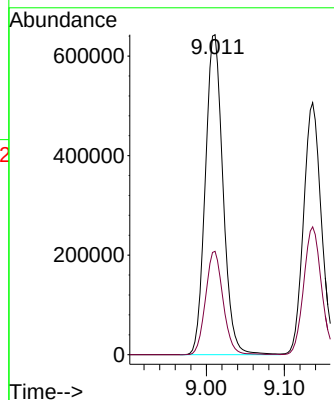
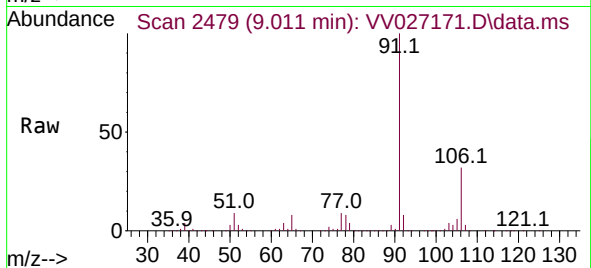




#52
Ethylbenzene
Concen: 48.385 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

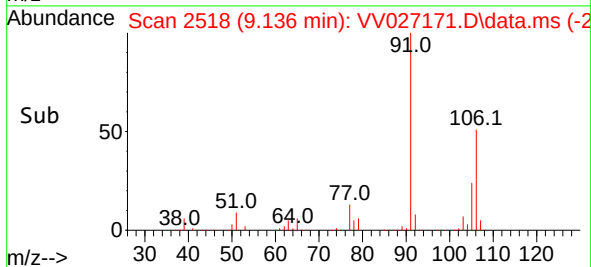
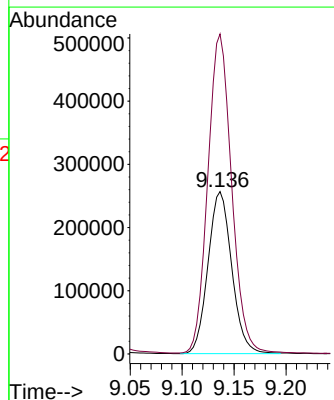
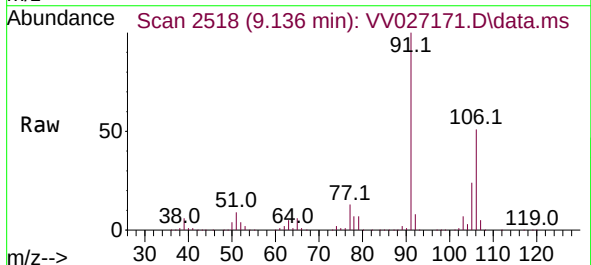
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

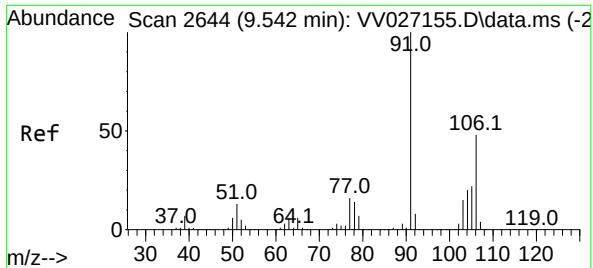
Tgt Ion: 91 Resp: 1012430
Ion Ratio Lower Upper
91 100
106 32.3 22.1 41.1



#53
m,p-Xylene
Concen: 49.737 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

Tgt Ion: 106 Resp: 408244
Ion Ratio Lower Upper
106 100
91 197.0 138.5 257.3

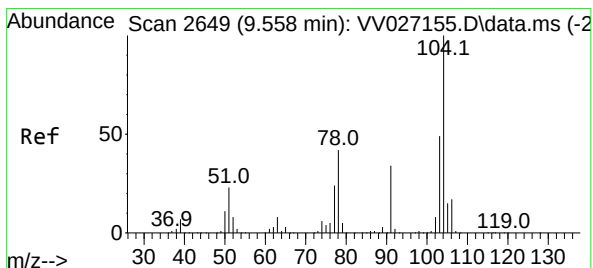
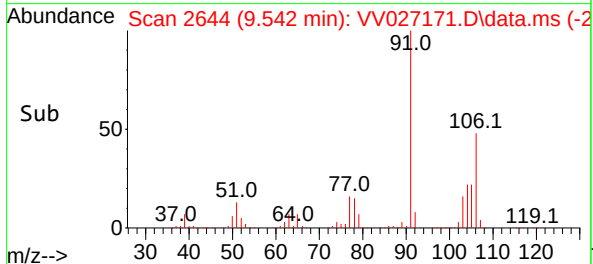
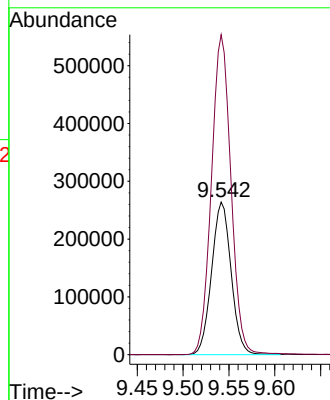
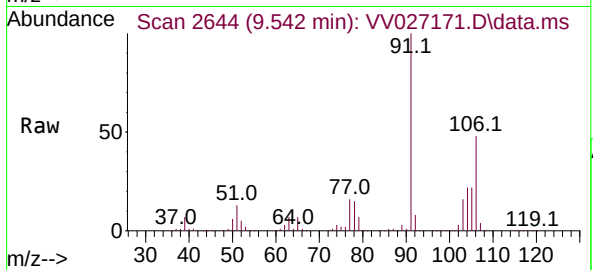




#54
o-Xylene
Concen: 48.624 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

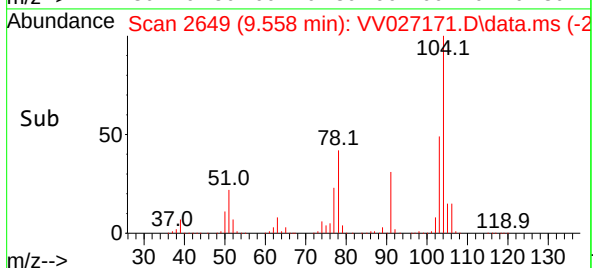
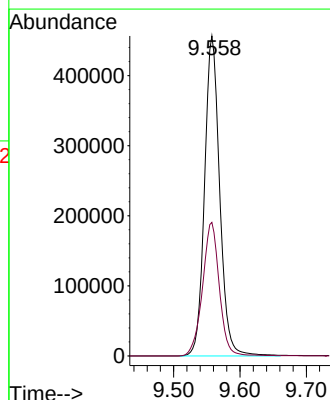
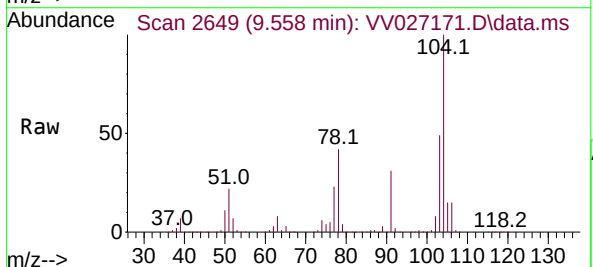
Instrument : MSVOA_V
ClientSampleId : VSTD050324

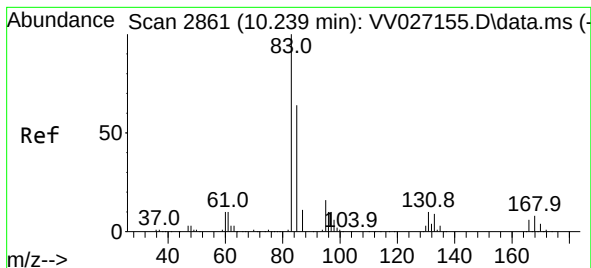
Tgt Ion:106 Resp: 390688
Ion Ratio Lower Upper
106 100
91 209.6 145.1 269.5



#55
Styrene
Concen: 52.080 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

Tgt Ion:104 Resp: 727282
Ion Ratio Lower Upper
104 100
78 41.8 29.2 54.2

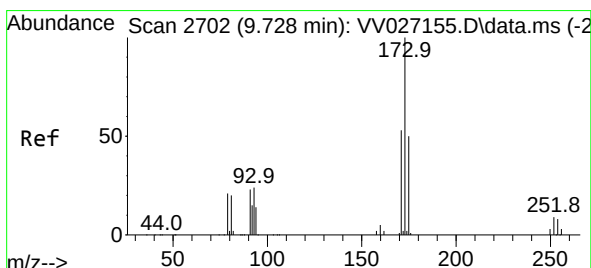
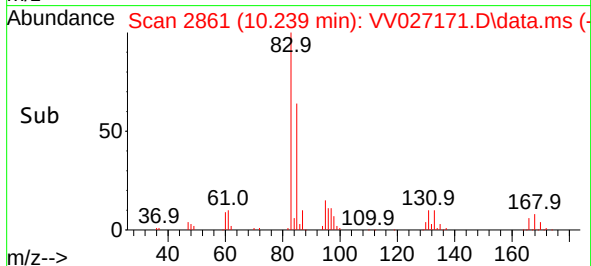
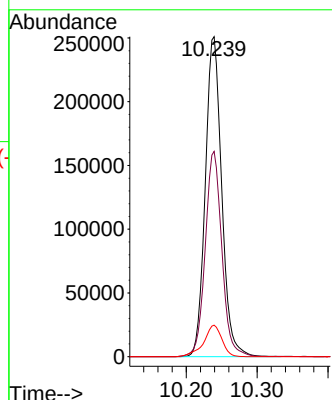
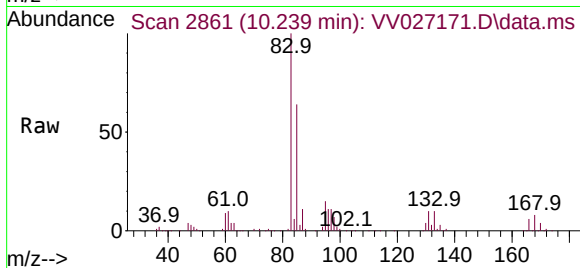




#57
 1,1,2,2-Tetrachloroethane
 Concen: 45.593 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV027171.D
 Acq: 02 Aug 2022 14:45

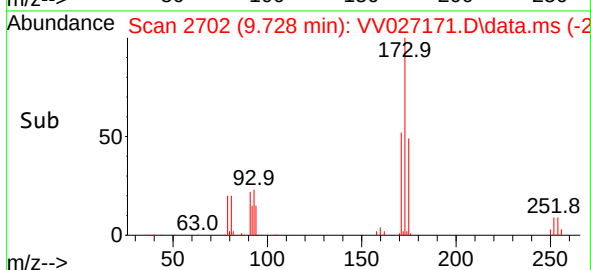
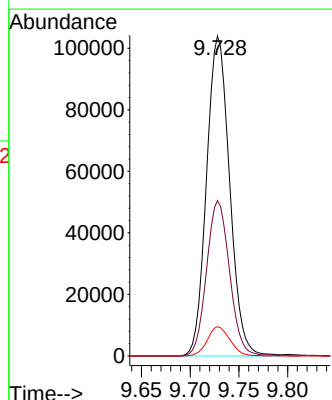
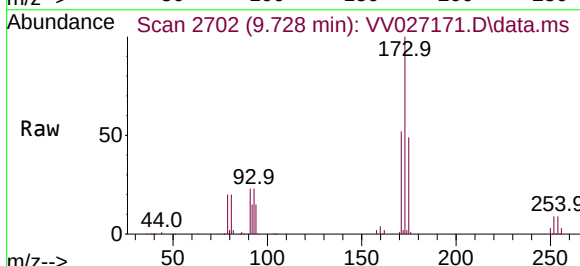
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050324

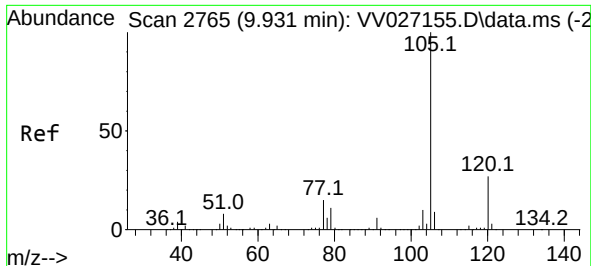
Tgt Ion: 83 Resp: 403797
 Ion Ratio Lower Upper
 83 100
 85 64.2 45.2 84.0
 131 9.8 7.8 11.6



#59
 Bromoform
 Concen: 41.814 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV027171.D
 Acq: 02 Aug 2022 14:45

Tgt Ion: 173 Resp: 171373
 Ion Ratio Lower Upper
 173 100
 175 48.3 38.2 57.4
 254 8.9 6.8 10.2

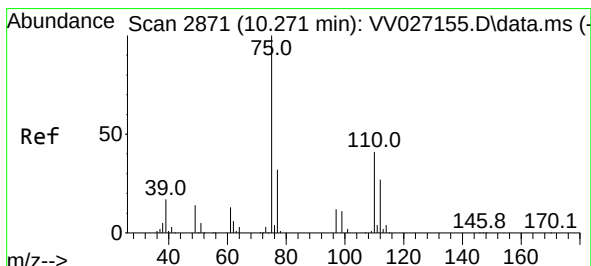
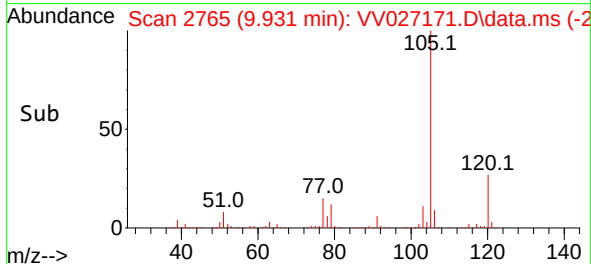
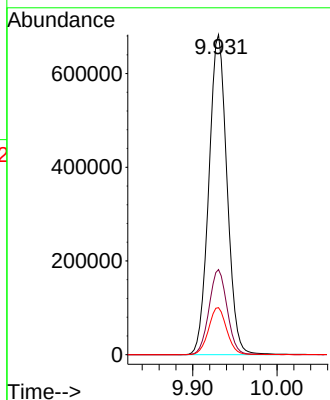
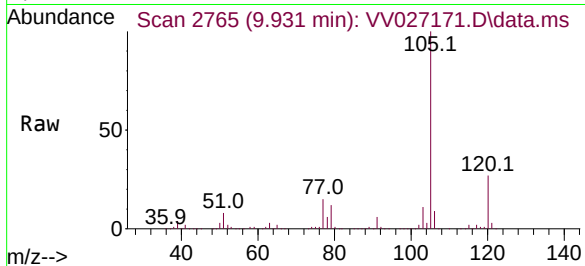




#60
Isopropylbenzene
Concen: 46.899 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

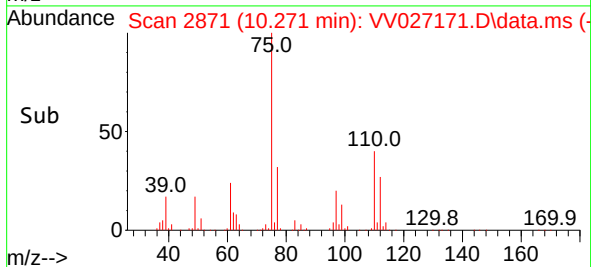
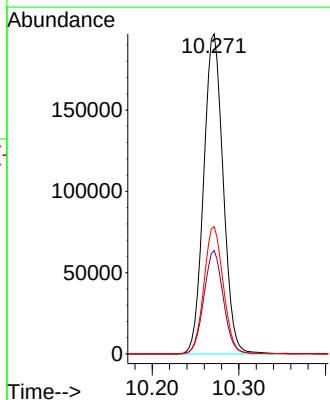
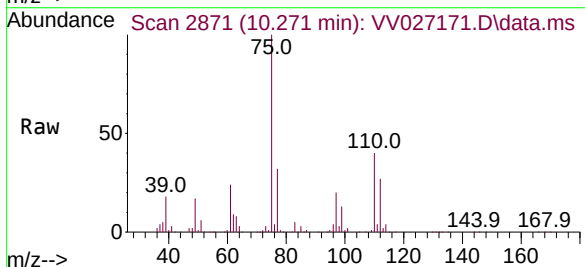
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

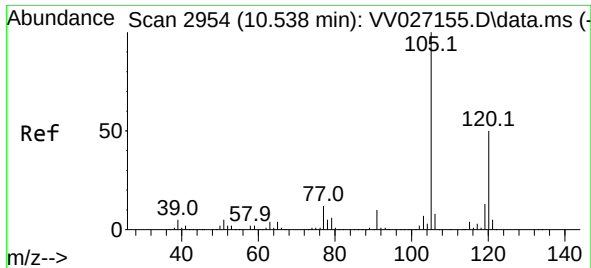
Tgt Ion:105 Resp: 1021582
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.2
77 14.7 11.7 17.5



#61
1,2,3-Trichloropropane
Concen: 41.781 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

Tgt Ion: 75 Resp: 307946
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8
110 39.6 32.8 49.2

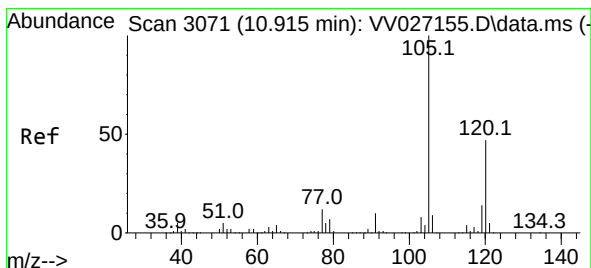
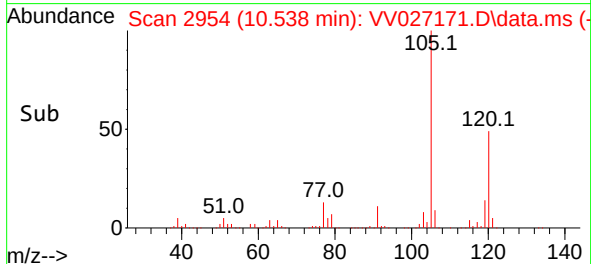
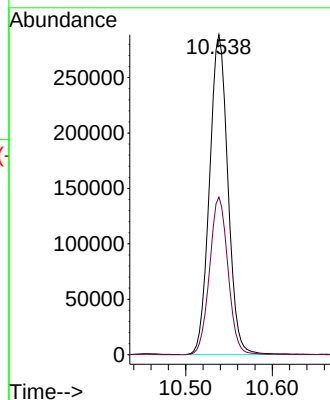
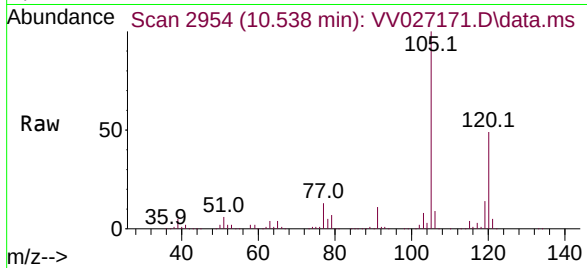




#62
1,3,5-Trimethylbenzene
Concen: 45.084 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

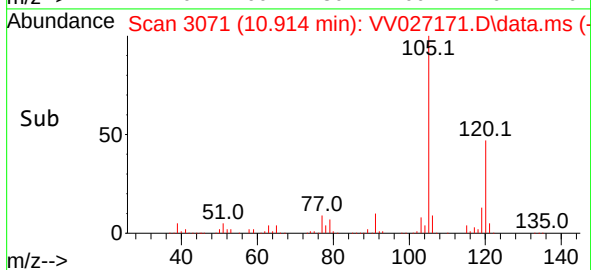
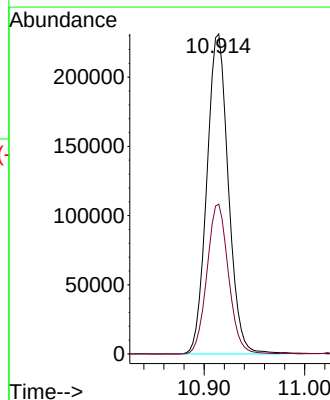
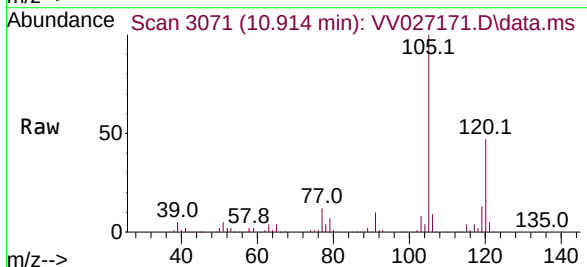
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

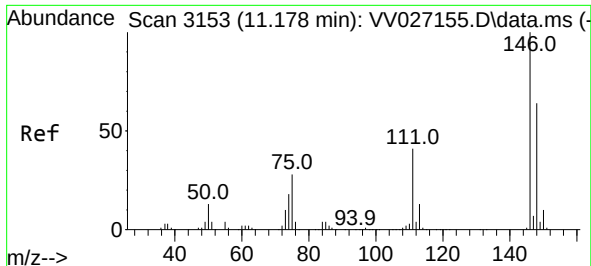
Tgt Ion:105 Resp: 425369
Ion Ratio Lower Upper
105 100
120 49.6 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 45.099 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

Tgt Ion:105 Resp: 343796
Ion Ratio Lower Upper
105 100
120 46.8 36.5 54.7





#64

1,3-Dichlorobenzene

Concen: 45.752 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. -0.000 min

Lab File: VV027171.D

Acq: 02 Aug 2022 14:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD050324

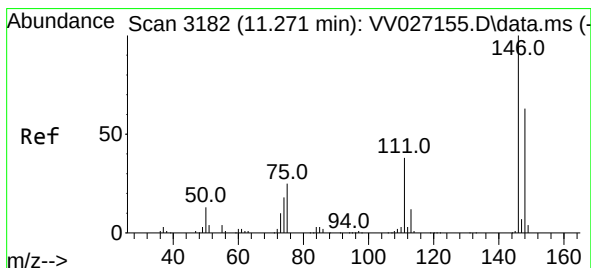
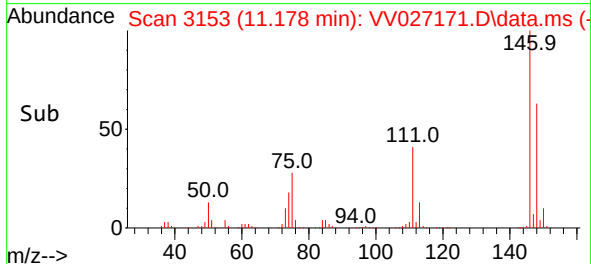
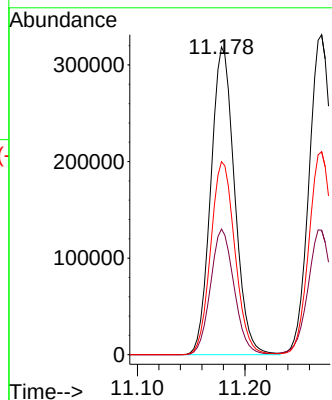
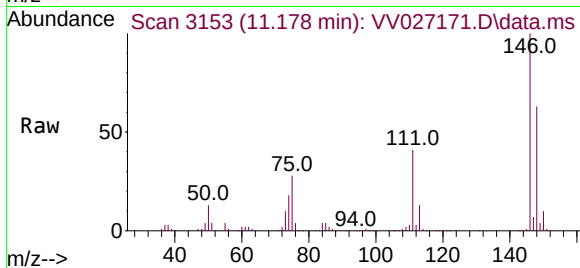
Tgt Ion:146 Resp: 491172

Ion Ratio Lower Upper

146 100

111 40.8 28.6 53.2

148 62.7 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 45.455 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. -0.000 min

Lab File: VV027171.D

Acq: 02 Aug 2022 14:45

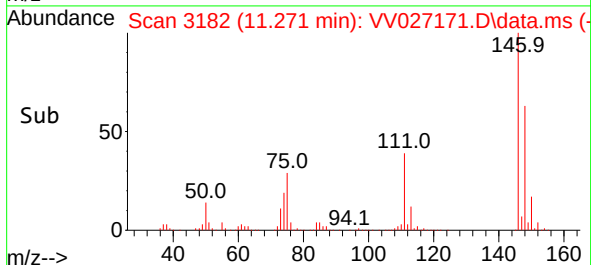
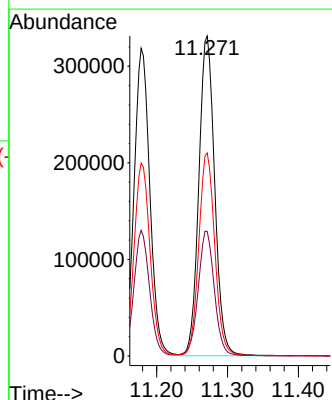
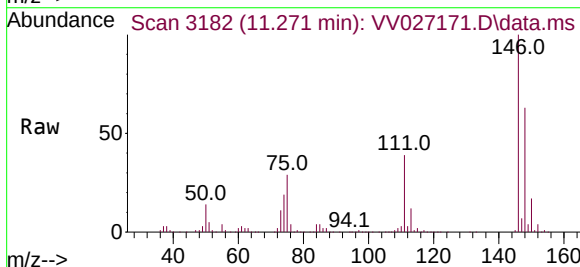
Tgt Ion:146 Resp: 514779

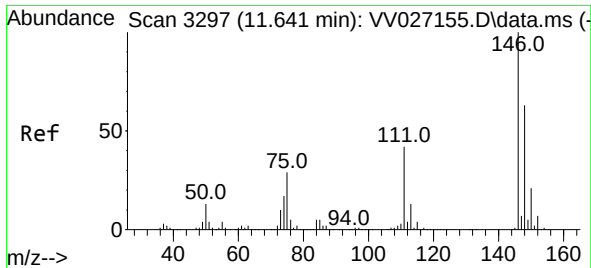
Ion Ratio Lower Upper

146 100

111 38.9 27.2 50.4

148 63.4 44.2 82.2

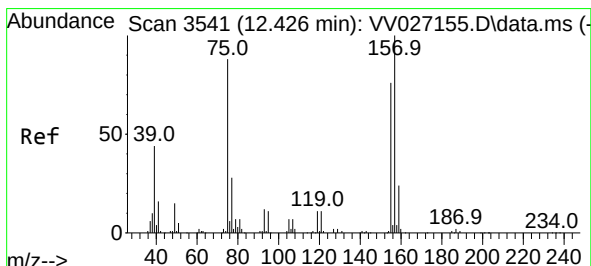
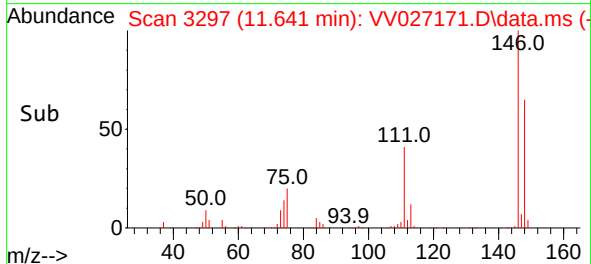
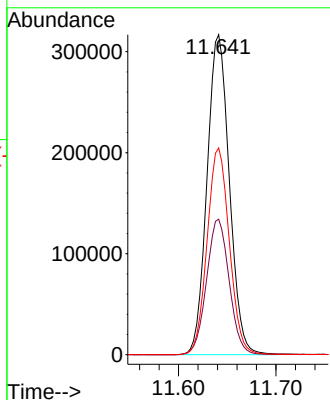
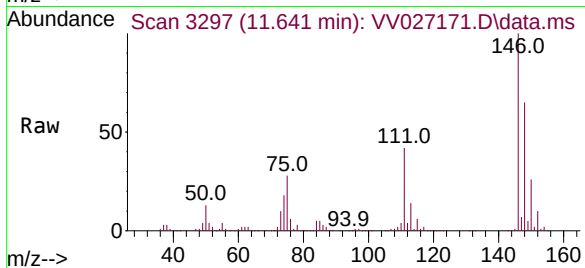




#67
1,2-Dichlorobenzene
Concen: 44.792 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

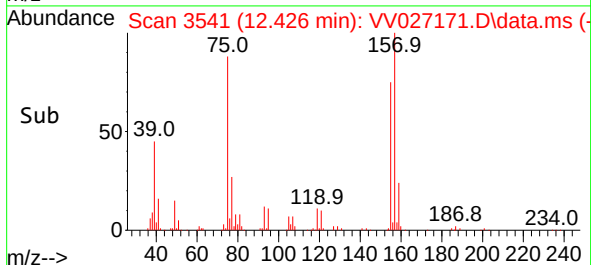
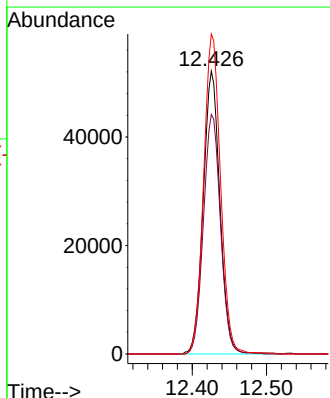
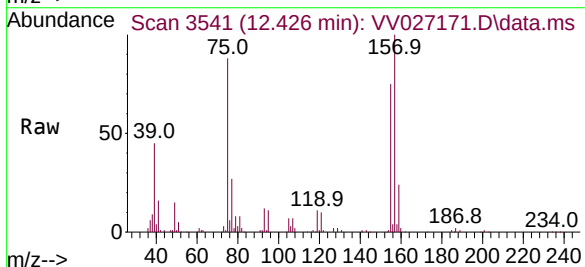
Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

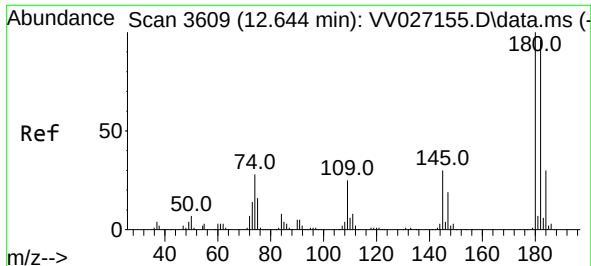
Tgt Ion:146 Resp: 504955
Ion Ratio Lower Upper
146 100
111 42.4 32.8 49.2
148 64.6 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 41.249 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

Tgt Ion: 75 Resp: 81339
Ion Ratio Lower Upper
75 100
155 84.7 69.6 104.4
157 113.2 88.1 132.1

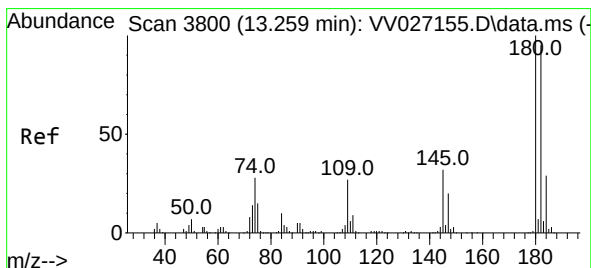
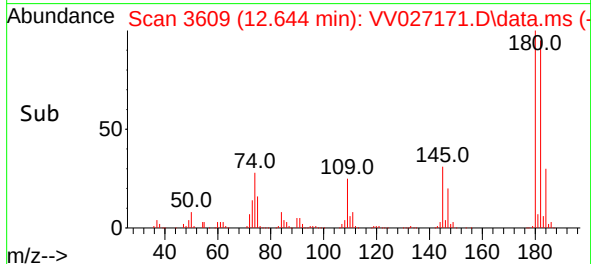
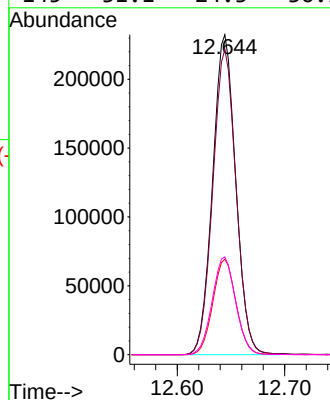
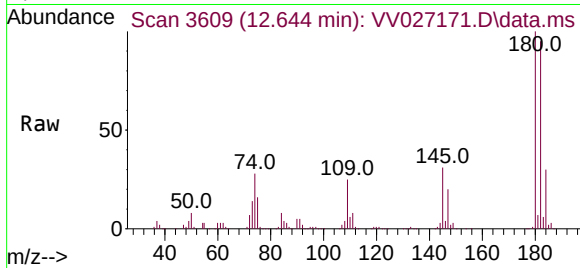




#69
 1,3,5-Trichlorobenzene
 Concen: 45.525 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV027171.D
 Acq: 02 Aug 2022 14:45

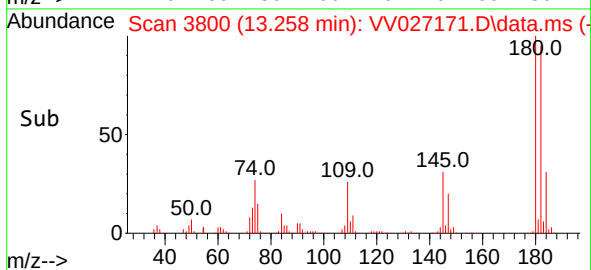
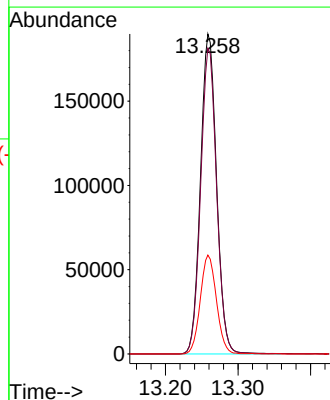
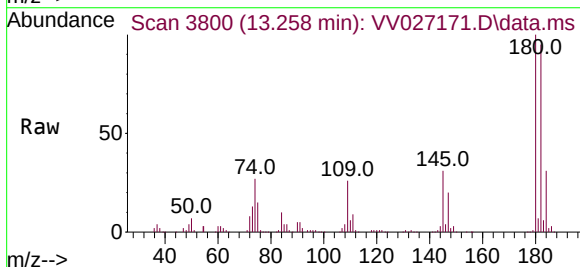
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050324

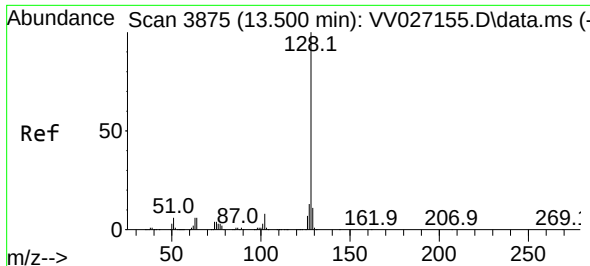
Tgt Ion:180 Resp: 346736
 Ion Ratio Lower Upper
 180 100
 182 96.1 75.3 112.9
 184 29.8 24.3 36.5
 145 31.1 24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 45.689 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV027171.D
 Acq: 02 Aug 2022 14:45

Tgt Ion:180 Resp: 292188
 Ion Ratio Lower Upper
 180 100
 182 94.8 75.2 112.8
 145 31.0 24.7 37.1

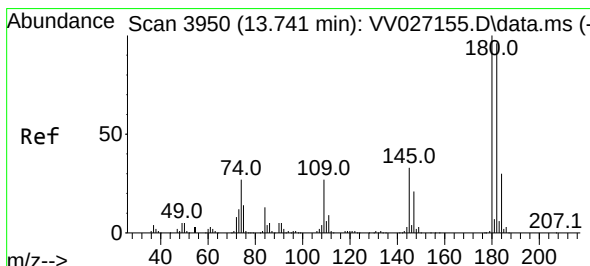
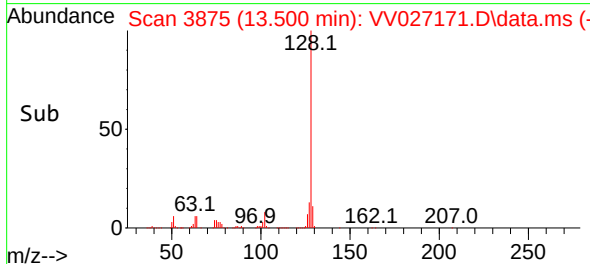
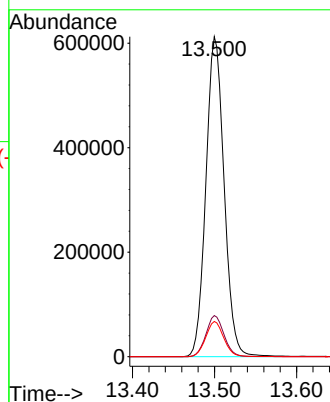
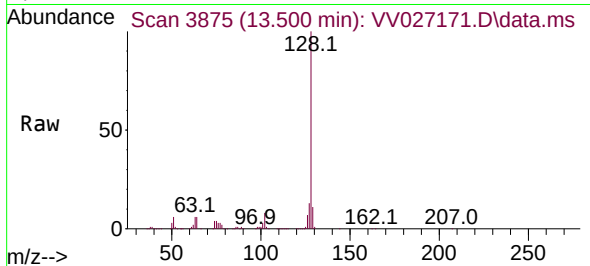




#71
Naphthalene
Concen: 44.881 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD050324

Tgt Ion:128 Resp: 942820
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 47.442 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027171.D
Acq: 02 Aug 2022 14:45

Tgt Ion:180 Resp: 331784
Ion Ratio Lower Upper
180 100
182 95.1 76.3 114.5
145 33.2 26.8 40.2

