

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051322\
 Data File : VW025895.D
 Acq On : 13 May 2022 16:55
 Operator : SY/MD
 Sample : VSTD02047
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020247

Quant Time: May 14 07:00:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 14 06:57:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	166934	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	174621	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	102356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	279687	16.321	ug/L	0.00
7) Chloroethane-d5	1.571	69	239082	15.911	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	621587	18.480	ug/L	0.00
20) 2-Butanone-d5	3.896	46	336892	148.592	ug/L	-0.01
24) Chloroform-d	4.349	84	472120	18.230	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	203351	17.852	ug/L	0.00
32) Benzene-d6	5.050	84	973957	18.420	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	281297	18.096	ug/L	0.00
41) Toluene-d8	7.313	98	937697	19.471	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	103754	20.954	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	433237	230.283	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	191975	19.438	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	305323	18.052	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	357754	18.238	ug/L	100
3) Chloromethane	1.243	50	405468	17.818	ug/L	98
5) Vinyl chloride	1.314	62	433228	18.835	ug/L	100
6) Bromomethane	1.526	94	243733	19.178	ug/L	97
8) Chloroethane	1.587	64	276067	18.558	ug/L	99
9) Trichlorofluoromethane	1.754	101	589303	18.676	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	330519	19.308	ug/L	100
12) 1,1-Dichloroethene	2.121	96	320584	19.484	ug/L	97
13) Acetone	2.188	43	223895	136.068	ug/L	76
14) Carbon disulfide	2.294	76	842907	20.073	ug/L	99
15) Methyl Acetate	2.439	43	77997	20.435	ug/L	93
16) Methylene chloride	2.507	84	281616	17.704	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	574570	23.052	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	287612	19.993	ug/L	99
19) 1,1-Dichloroethane	3.191	63	526661	20.419	ug/L	99
21) 2-Butanone	3.976	43	428323	192.478	ug/L	87
22) cis-1,2-Dichloroethene	3.912	96	306702	20.936	ug/L	98
23) Bromochloromethane	4.246	128	123147	20.610	ug/L	97
25) Chloroform	4.375	83	532935	19.782	ug/L	99
27) 1,2-Dichloroethane	5.130	62	290292	20.032	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	479537	19.877	ug/L	99
30) Cyclohexane	4.680	56	475088	21.759	ug/L	97
31) Carbon tetrachloride	4.828	117	404057	19.597	ug/L	100
33) Benzene	5.098	78	1212147	20.377	ug/L	100
34) Trichloroethene	5.912	95	306574	19.585	ug/L	99
35) Methylcyclohexane	6.130	83	521054	21.750	ug/L	97
37) 1,2-Dichloropropane	6.172	63	298431	20.836	ug/L	98
38) Bromodichloromethane	6.510	83	368985	20.610	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	421196	23.423	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	1548055	254.370	ug/L	96
42) Toluene	7.387	91	1332099	20.971	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	341489	23.954	ug/L	97

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 ClientSampleId :
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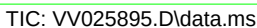
Quant Time: May 14 07:00:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
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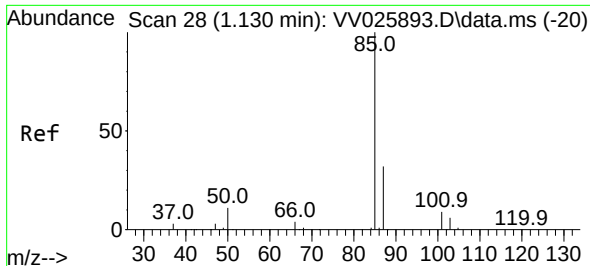
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	195216	21.135	ug/L	95
47) Tetrachloroethene	7.976	164	233646	17.588	ug/L	98
48) 2-Hexanone	8.140	43	1106849	258.753	ug/L	97
49) Dibromochloromethane	8.246	129	227081	22.167	ug/L	99
50) 1,2-Dibromoethane	8.352	107	179512	21.857	ug/L	97
51) Chlorobenzene	8.879	112	831154	20.592	ug/L	99
52) Ethylbenzene	9.011	91	1464811	22.271	ug/L	99
53) m,p-Xylene	9.136	106	574016	22.167	ug/L	94
54) o-Xylene	9.542	106	555975	22.689	ug/L	96
55) Styrene	9.558	104	961835	23.805	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	226078	22.800	ug/L	99
59) Bromoform	9.731	173	112402	22.766	ug/L	99
60) Isopropylbenzene	9.931	105	1513836	21.464	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	166828	19.852	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	685798	22.686	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	1278598	23.143	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	668136	20.540	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	659807	19.966	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	596922	20.628	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	34734	22.253	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	497999	20.336	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	399771	21.963	ug/L	99
71) Naphthalene	13.500	128	655716	25.292	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	340230	22.748	ug/L	97

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

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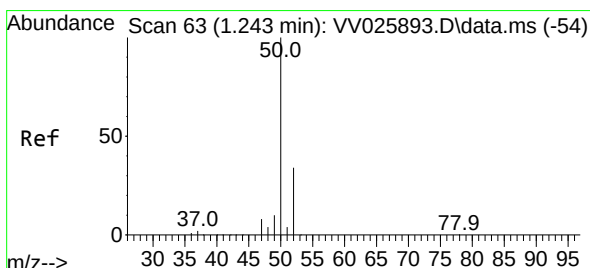
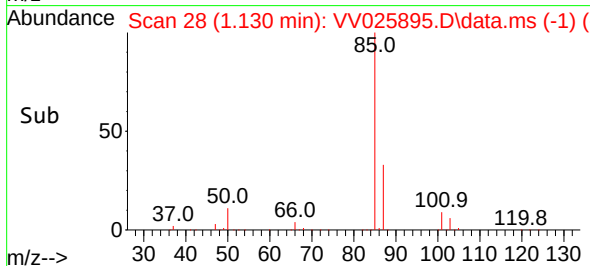
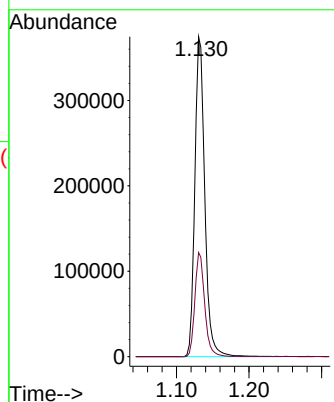
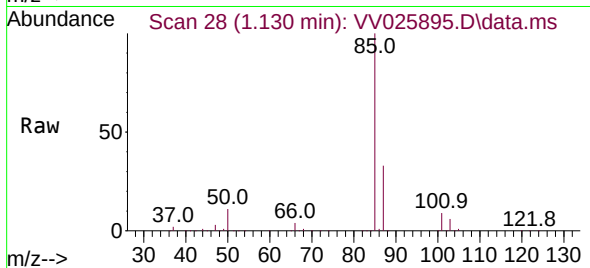




#2
 Dichlorodifluoromethane
 Concen: 18.238 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025895.D
 Acq: 13 May 2022 16:55

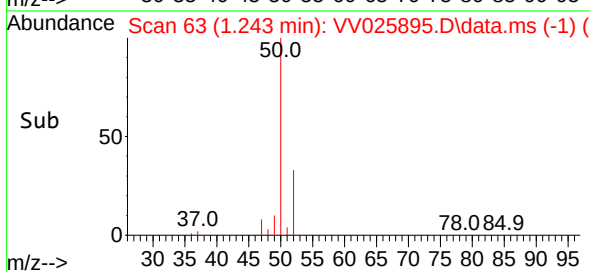
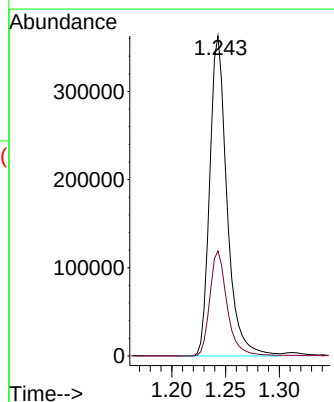
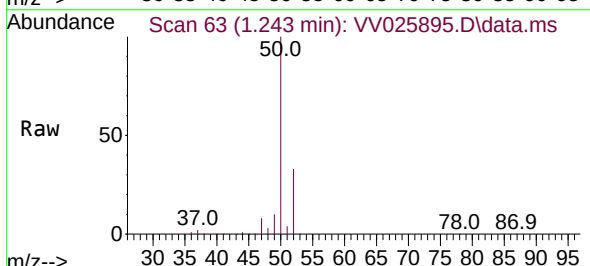
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 VSTD020247

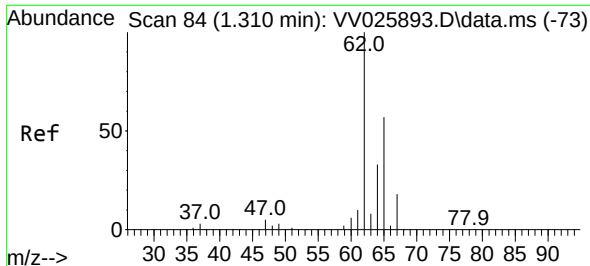
Tgt Ion: 85 Resp: 357754
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.0 39.0



#3
 Chloromethane
 Concen: 17.818 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025895.D
 Acq: 13 May 2022 16:55

Tgt Ion: 50 Resp: 405468
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.9 44.3

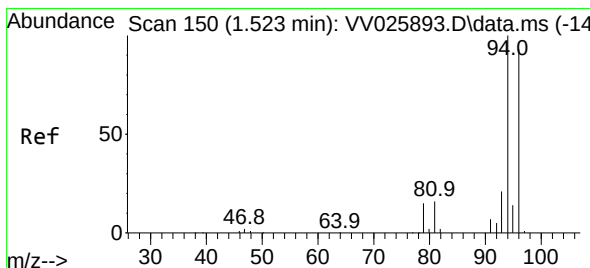
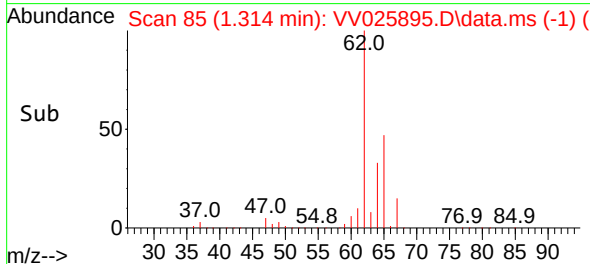
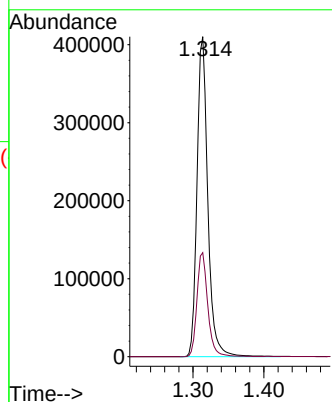
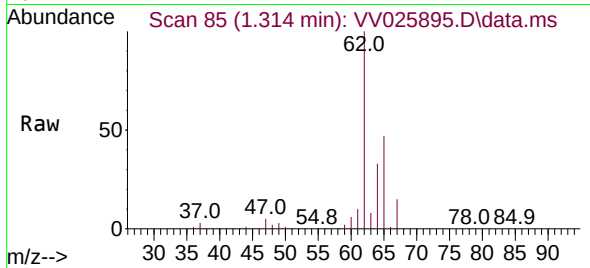




#5
 Vinyl chloride
 Concen: 18.835 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025895.D
 Acq: 13 May 2022 16:55

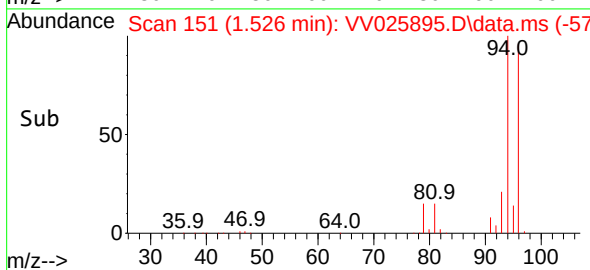
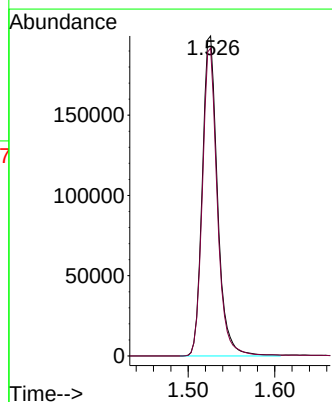
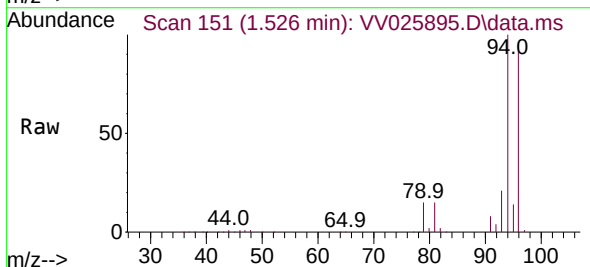
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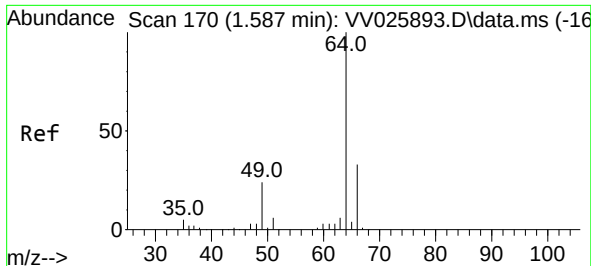
Tgt Ion: 62 Resp: 433228
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.9 42.5



#6
 Bromomethane
 Concen: 19.178 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV025895.D
 Acq: 13 May 2022 16:55

Tgt Ion: 94 Resp: 243733
 Ion Ratio Lower Upper
 94 100
 96 96.2 65.4 121.4

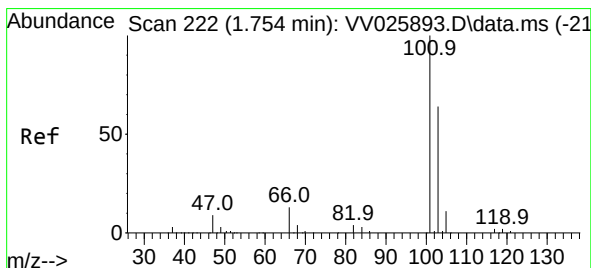
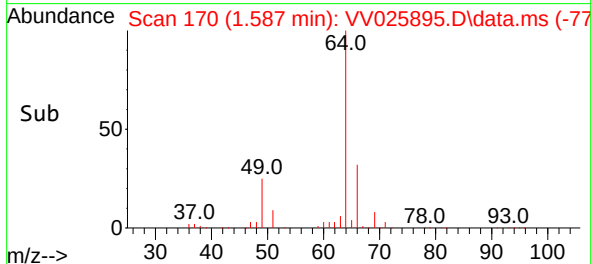
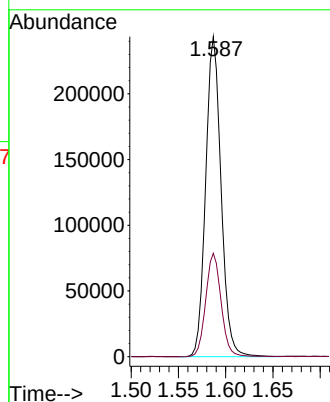
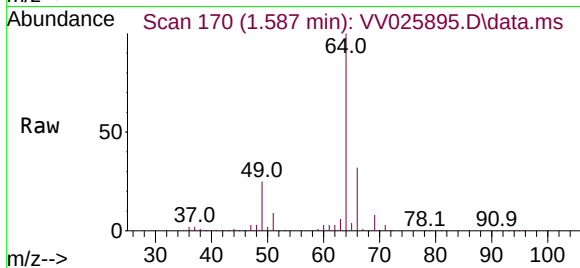




#8
Chloroethane
Concen: 18.558 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025895.D
Acq: 13 May 2022 16:55

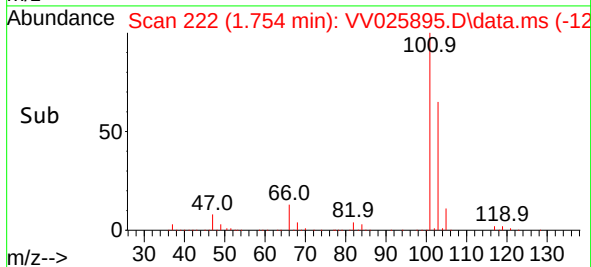
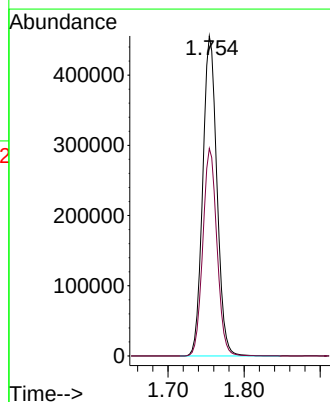
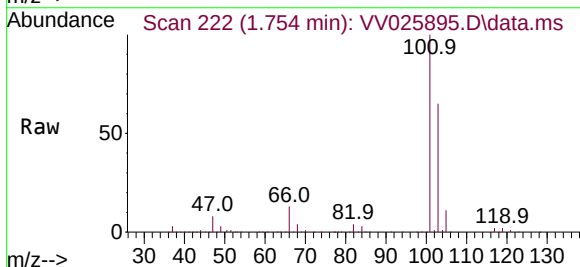
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ClientSampleId :
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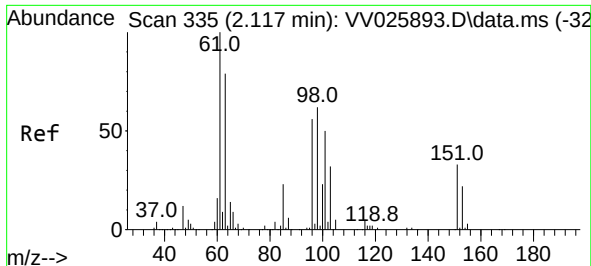
Tgt Ion: 64 Resp: 276067
Ion Ratio Lower Upper
64 100
66 32.3 22.9 42.5



#9
Trichlorofluoromethane
Concen: 18.676 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025895.D
Acq: 13 May 2022 16:55

Tgt Ion:101 Resp: 589303
Ion Ratio Lower Upper
101 100
103 64.6 50.6 76.0

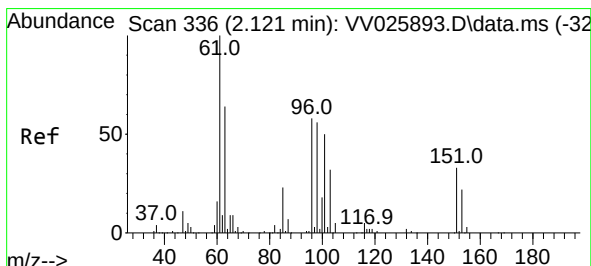
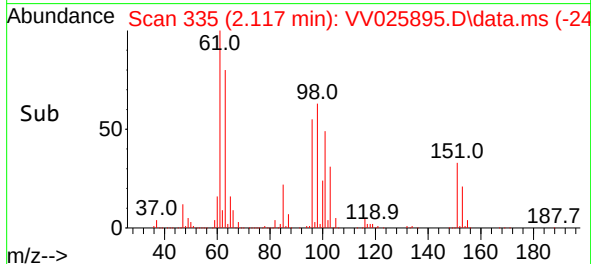
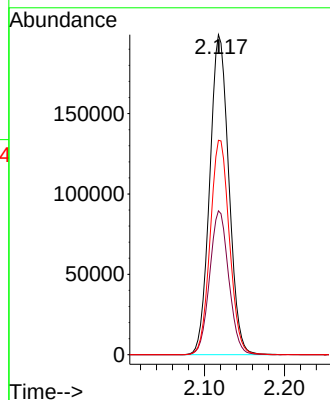
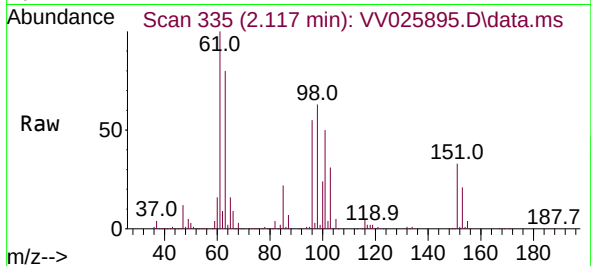




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.308 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV025895.D
 Acq: 13 May 2022 16:55

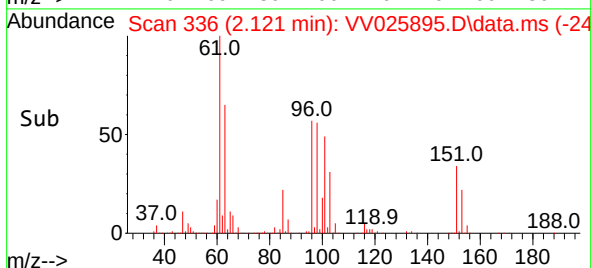
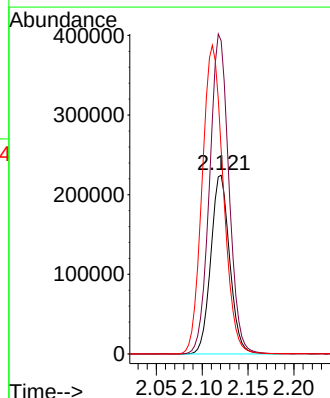
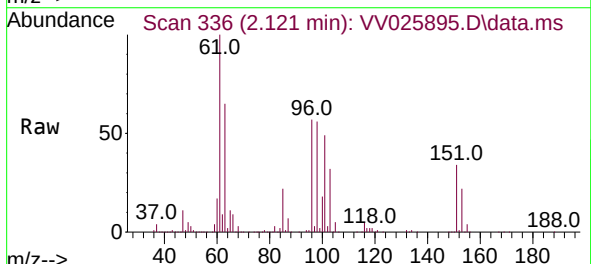
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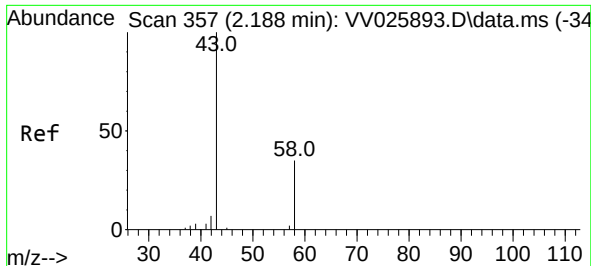
Tgt Ion:101 Resp: 330519
 Ion Ratio Lower Upper
 101 100
 85 44.9 35.7 53.5
 151 67.5 54.1 81.1



#12
 1,1-Dichloroethene
 Concen: 19.484 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025895.D
 Acq: 13 May 2022 16:55

Tgt Ion: 96 Resp: 320584
 Ion Ratio Lower Upper
 96 100
 61 175.2 119.8 222.6
 63 114.3 78.3 145.3





#13

Acetone

Concen: 136.068 ug/L

RT: 2.188 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV025895.D

Acq: 13 May 2022 16:55

Instrument :

MSVOA_V

ClientSampleId :

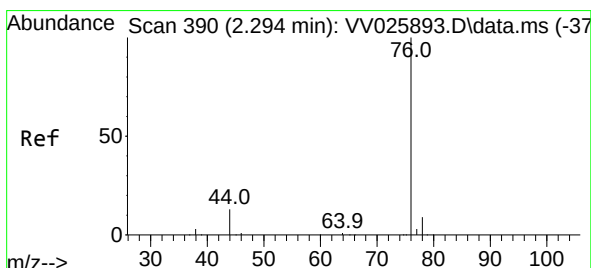
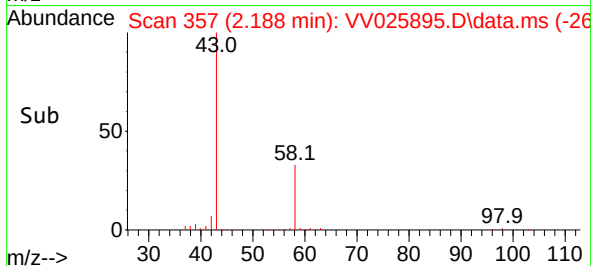
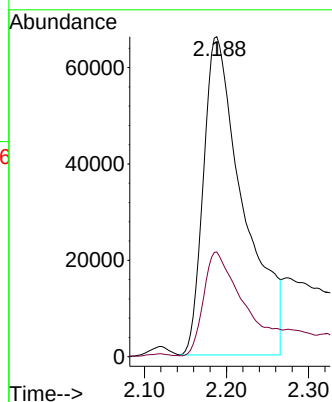
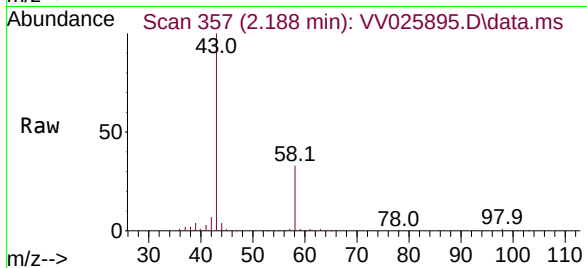
VSTD020247

Tgt Ion: 43 Resp: 223895

Ion Ratio Lower Upper

43 100

58 33.9 0.0 44.6



#14

Carbon disulfide

Concen: 20.073 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV025895.D

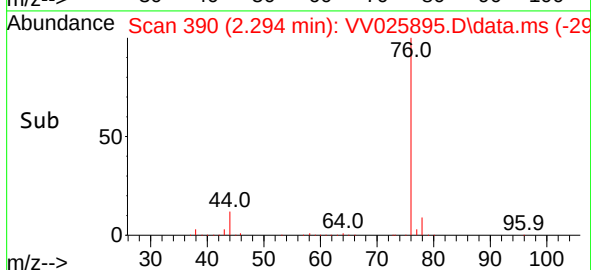
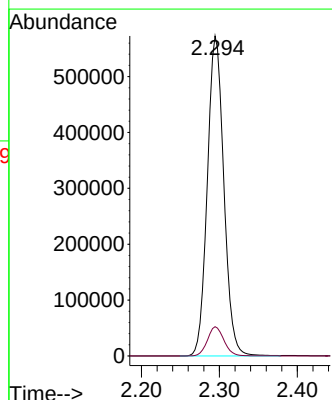
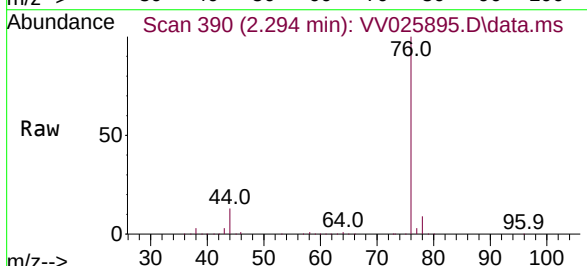
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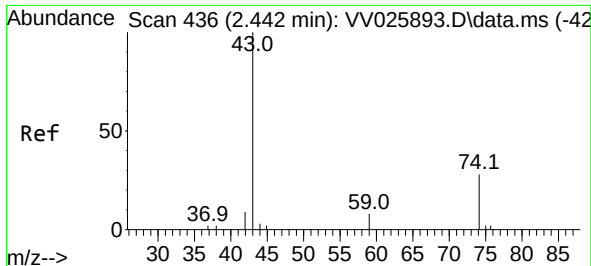
Tgt Ion: 76 Resp: 842907

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6

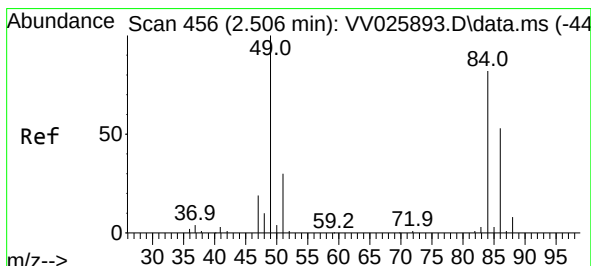
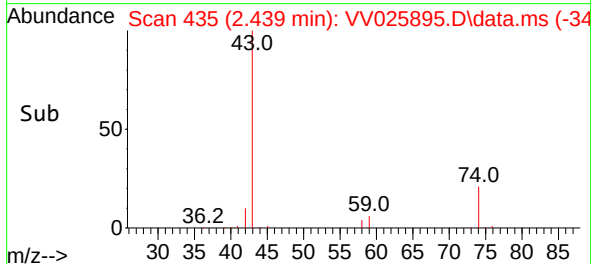
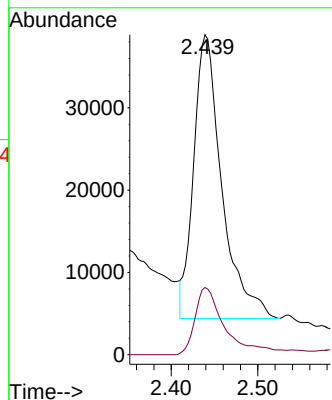
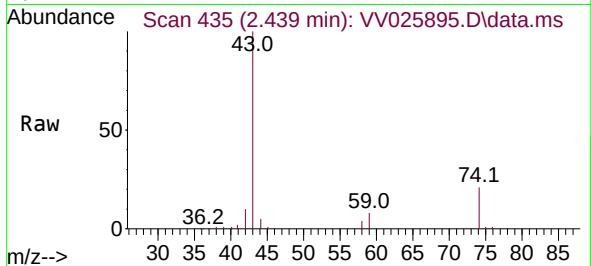




#15
Methyl Acetate
Concen: 20.435 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV025895.D
Acq: 13 May 2022 16:55

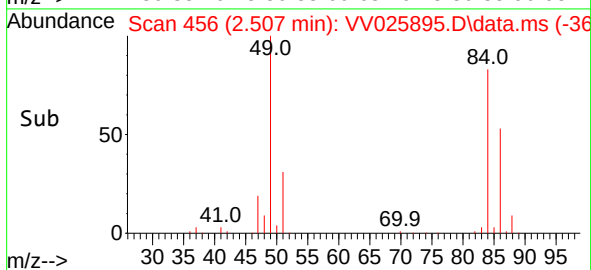
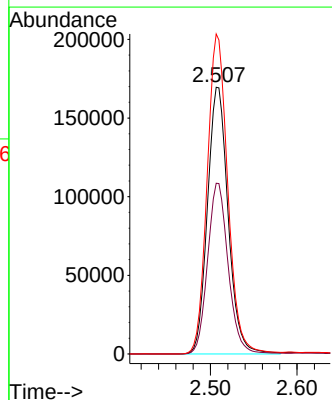
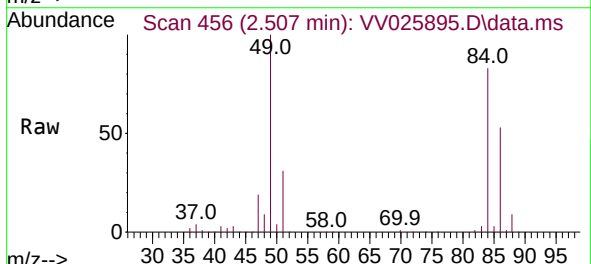
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ClientSampleId :
VSTD020247

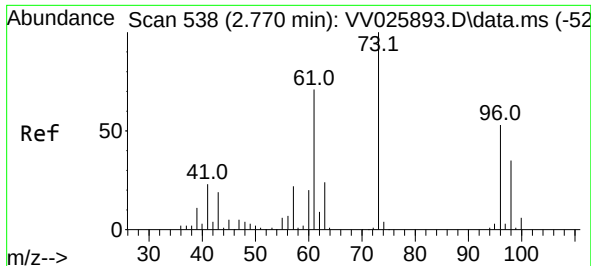
Tgt Ion: 43 Resp: 77997
Ion Ratio Lower Upper
43 100
74 25.4 23.3 34.9



#16
Methylene chloride
Concen: 17.704 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV025895.D
Acq: 13 May 2022 16:55

Tgt Ion: 84 Resp: 281616
Ion Ratio Lower Upper
84 100
86 64.0 45.4 84.2
49 120.0 85.6 159.0





#17

Methyl tert-butyl Ether

Concen: 23.052 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV025895.D

Acq: 13 May 2022 16:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD020247

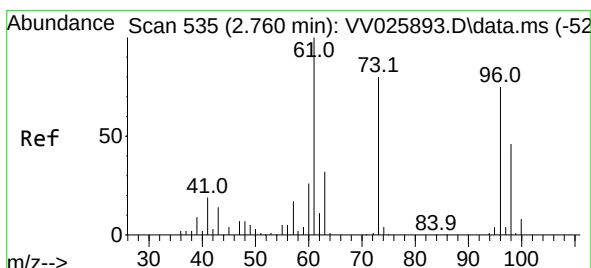
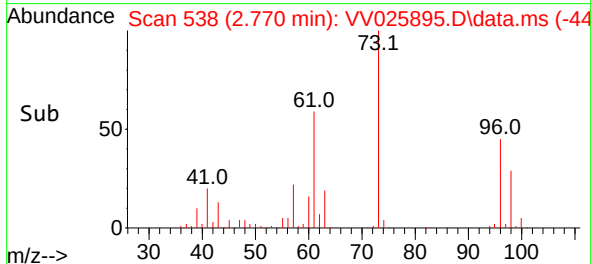
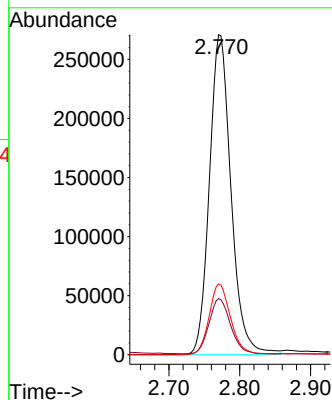
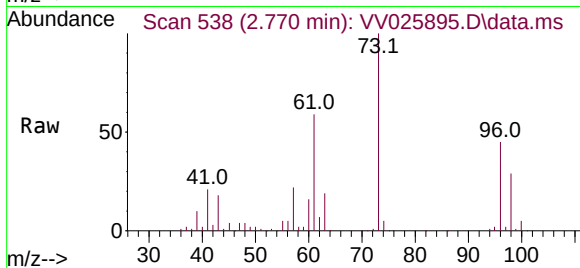
Tgt Ion: 73 Resp: 574570

Ion Ratio Lower Upper

73 100

43 17.1 14.6 22.0

57 22.0 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 19.993 ug/L

RT: 2.761 min Scan# 535

Delta R.T. 0.000 min

Lab File: VV025895.D

Acq: 13 May 2022 16:55

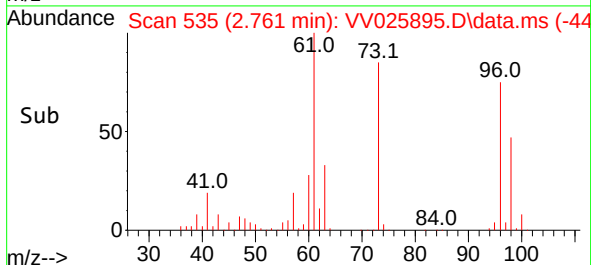
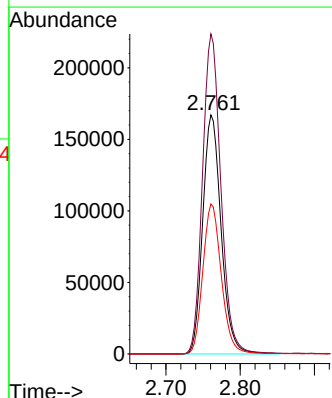
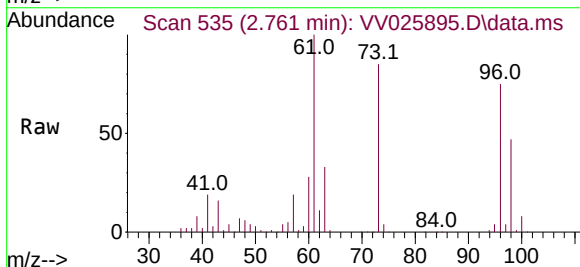
Tgt Ion: 96 Resp: 287612

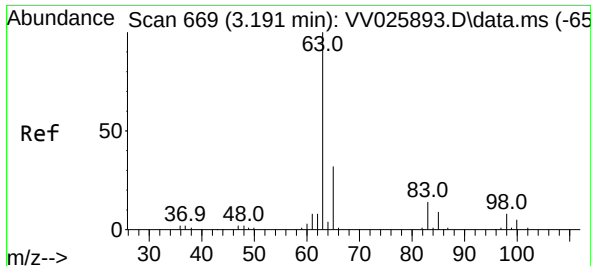
Ion Ratio Lower Upper

96 100

61 133.9 93.6 173.8

98 62.8 42.8 79.4





#19

1,1-Dichloroethane

Concen: 20.419 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.000 min

Lab File: VV025895.D

Acq: 13 May 2022 16:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD020247

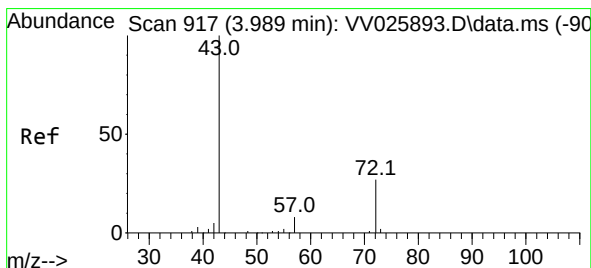
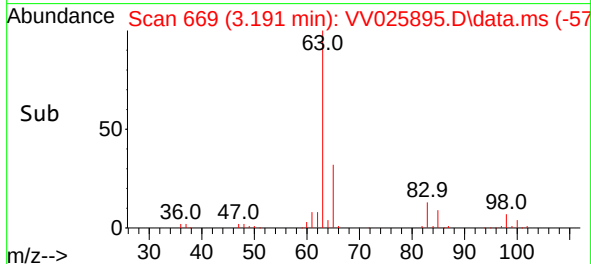
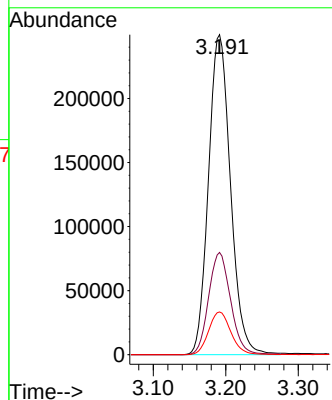
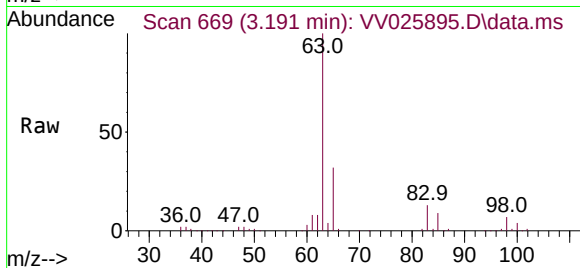
Tgt Ion: 63 Resp: 526661

Ion Ratio Lower Upper

63 100

65 32.0 22.3 41.5

83 13.4 10.0 18.6



#21

2-Butanone

Concen: 192.478 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.013 min

Lab File: VV025895.D

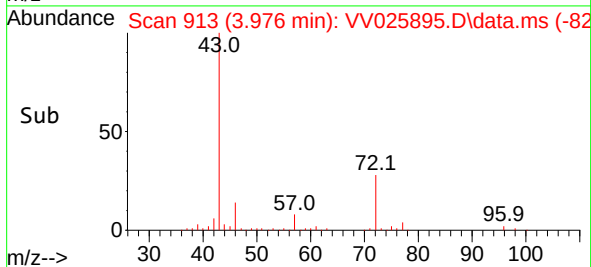
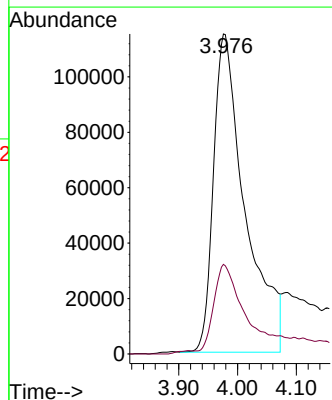
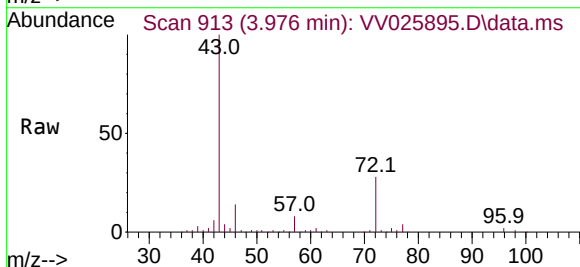
Acq: 13 May 2022 16:55

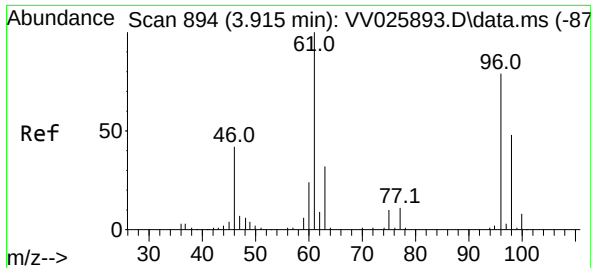
Tgt Ion: 43 Resp: 428323

Ion Ratio Lower Upper

43 100

72 27.2 10.5 31.6



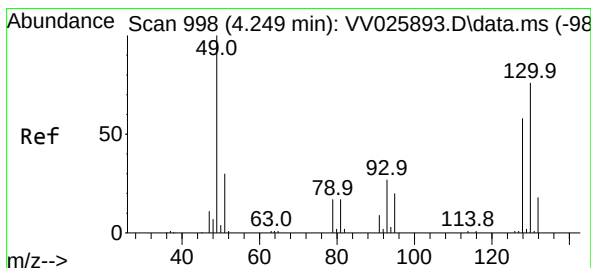
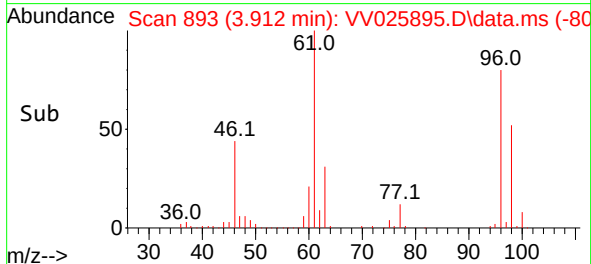
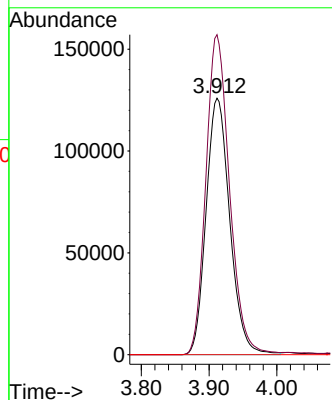
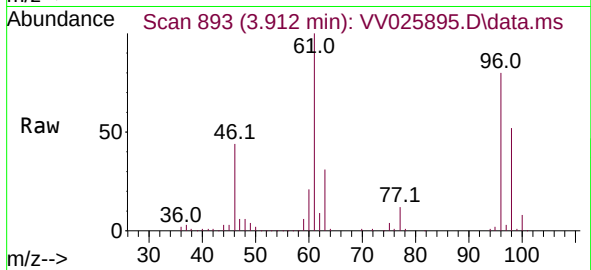


#22
 cis-1,2-Dichloroethene
 Concen: 20.936 ug/L
 RT: 3.912 min Scan# 894
 Delta R.T. -0.003 min
 Lab File: VV025895.D
 Acq: 13 May 2022 16:55

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020247

Tgt Ion: 96 Resp: 306702

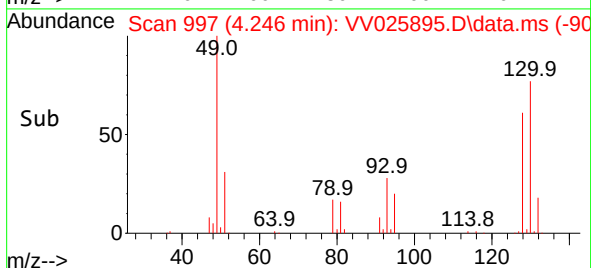
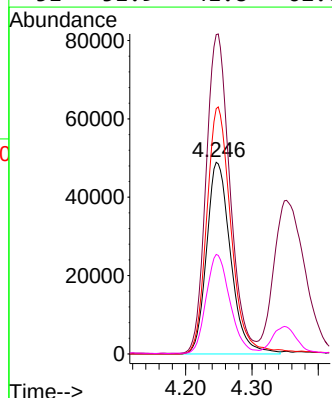
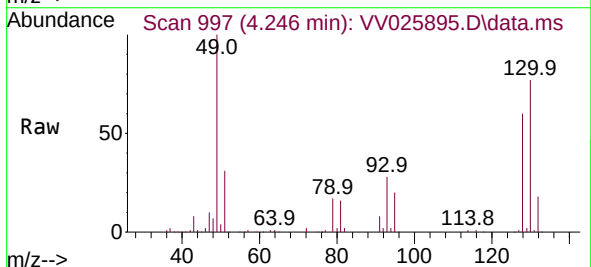
Ion	Ratio	Lower	Upper
96	100		
61	124.8	88.9	165.1
68	0.0	0.0	0.0

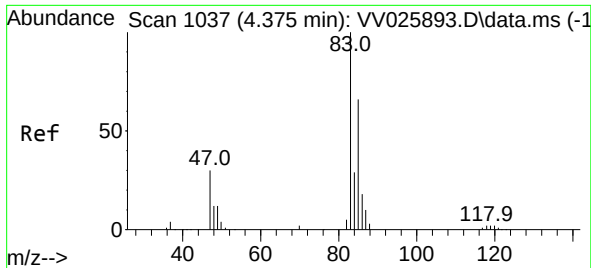


#23
 Bromochloromethane
 Concen: 20.610 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.003 min
 Lab File: VV025895.D
 Acq: 13 May 2022 16:55

Tgt Ion: 128 Resp: 123147

Ion	Ratio	Lower	Upper
128	100		
49	166.5	121.0	224.8
130	127.9	90.8	168.6
51	51.9	41.8	62.6

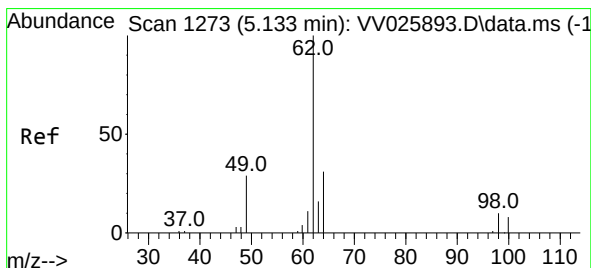
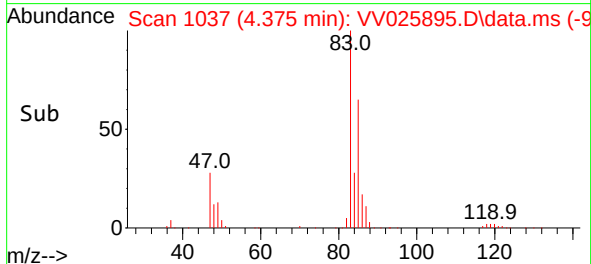
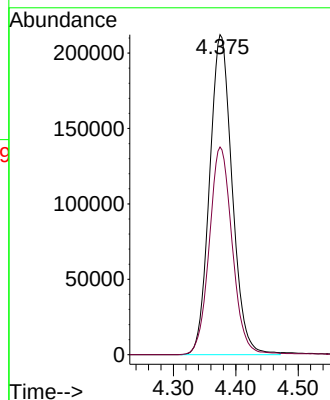
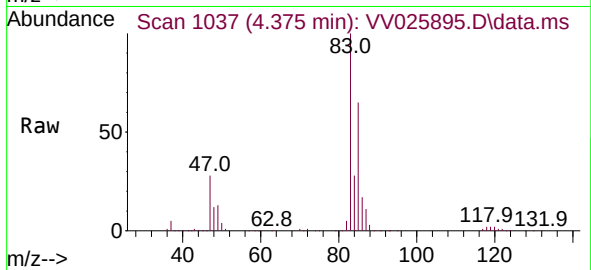




#25
Chloroform
Concen: 19.782 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV025895.D
Acq: 13 May 2022 16:55

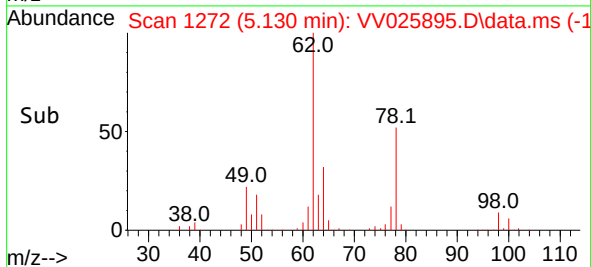
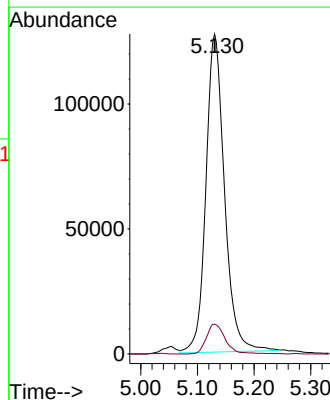
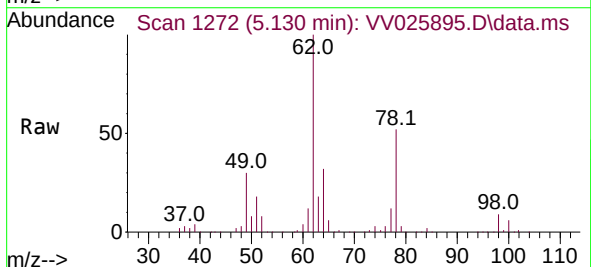
Instrument :
MSVOA_V
ClientSampleId :
VSTD020247

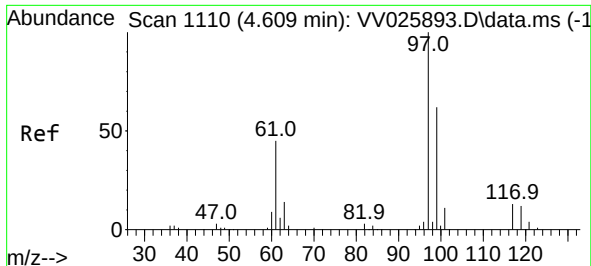
Tgt Ion: 83 Resp: 532935
Ion Ratio Lower Upper
83 100
85 64.9 46.1 85.7



#27
1,2-Dichloroethane
Concen: 20.032 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VV025895.D
Acq: 13 May 2022 16:55

Tgt Ion: 62 Resp: 290292
Ion Ratio Lower Upper
62 100
98 9.3 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 19.877 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV025895.D

Acq: 13 May 2022 16:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD020247

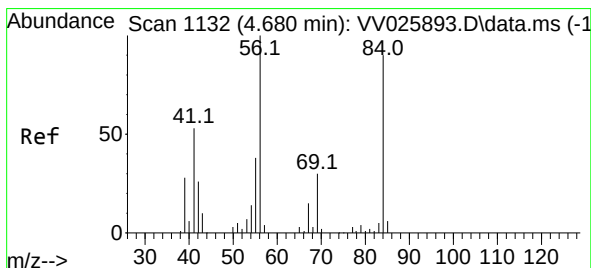
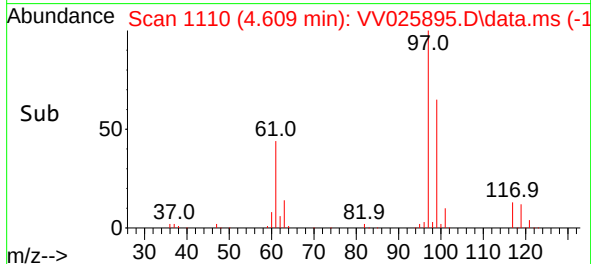
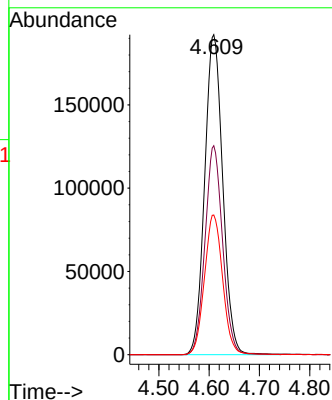
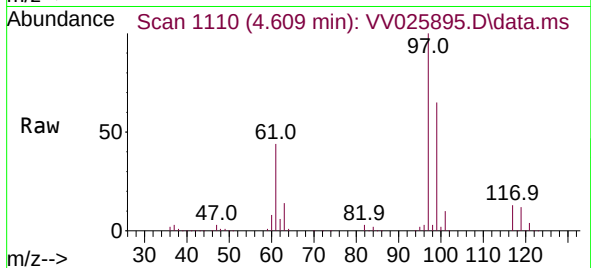
Tgt Ion: 97 Resp: 479537

Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.6

61 44.0 36.3 54.5



#30

Cyclohexane

Concen: 21.759 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VV025895.D

Acq: 13 May 2022 16:55

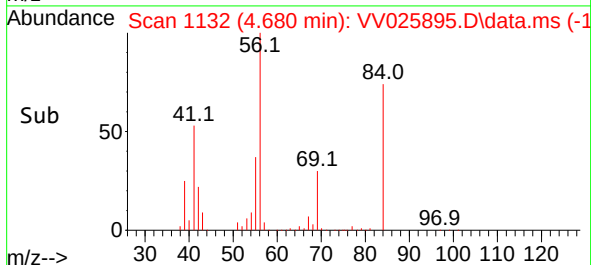
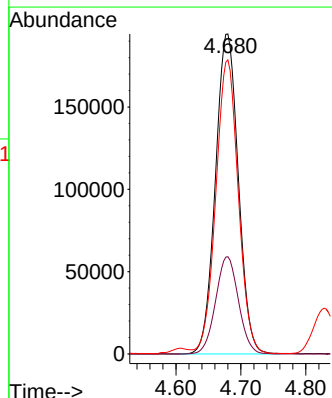
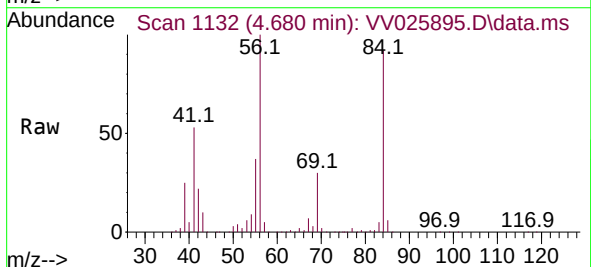
Tgt Ion: 56 Resp: 475088

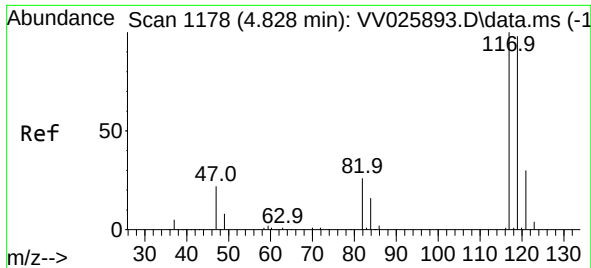
Ion Ratio Lower Upper

56 100

69 30.3 24.6 37.0

84 90.0 75.0 112.4

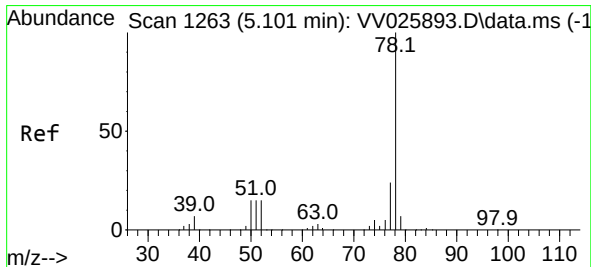
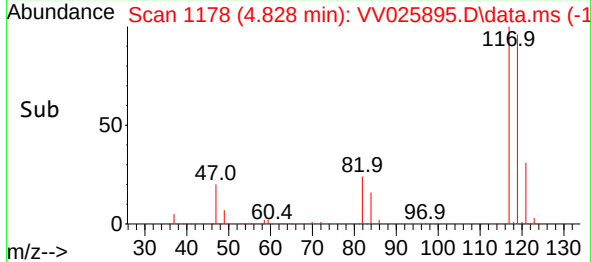
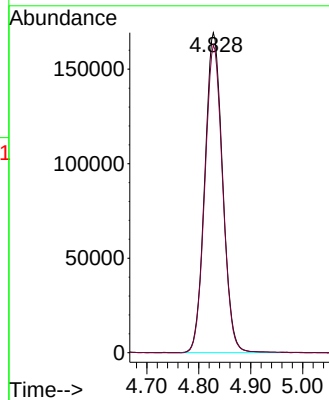
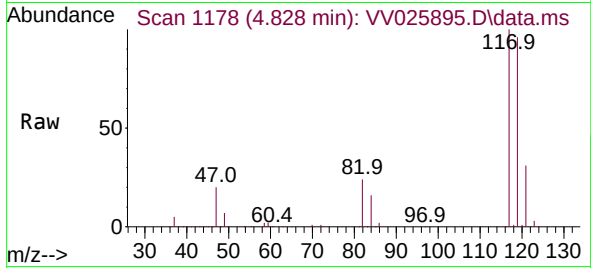




#31
Carbon tetrachloride
Concen: 19.597 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV025895.D
Acq: 13 May 2022 16:55

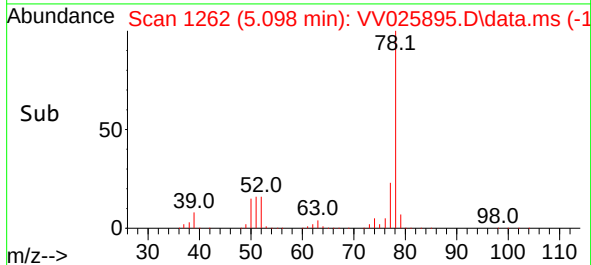
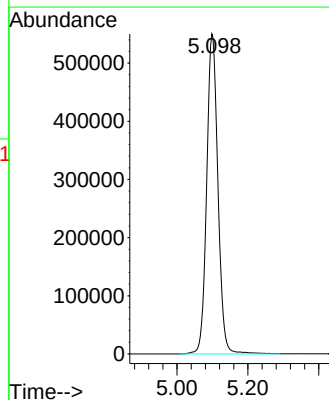
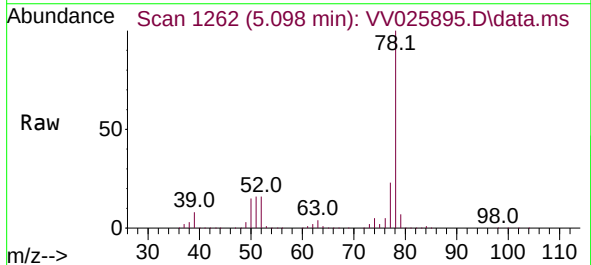
Instrument :
MSVOA_V
ClientSampleId :
VSTD020247

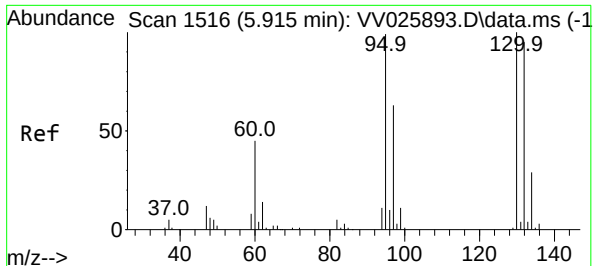
Tgt Ion:117 Resp: 404057
Ion Ratio Lower Upper
117 100
119 96.0 77.0 115.6



#33
Benzene
Concen: 20.377 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV025895.D
Acq: 13 May 2022 16:55

Tgt Ion: 78 Resp: 1212147

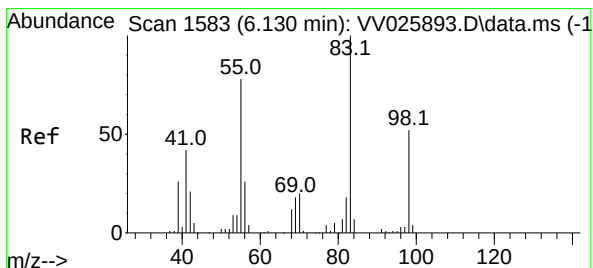
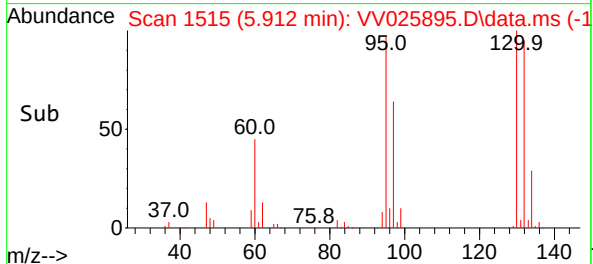
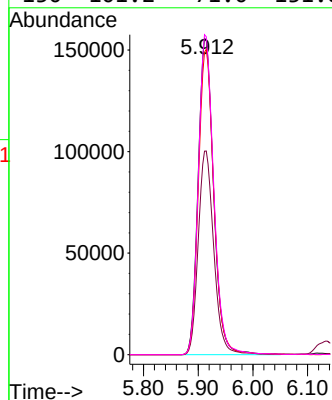
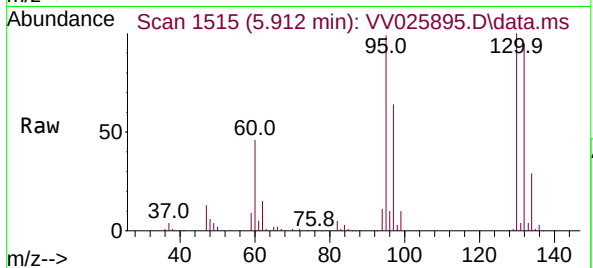




#34
Trichloroethene
Concen: 19.585 ug/L
RT: 5.912 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV025895.D
Acq: 13 May 2022 16:55

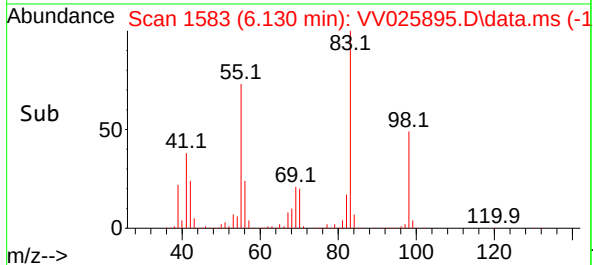
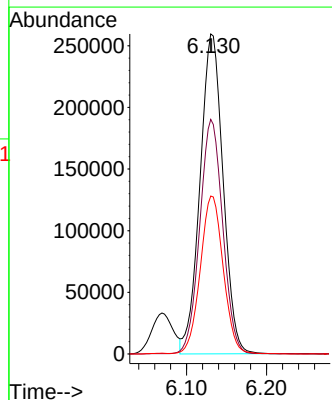
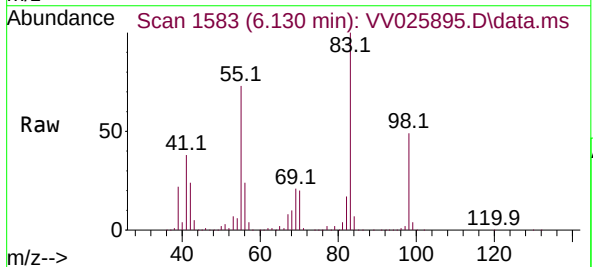
Instrument :
MSVOA_V
ClientSampleId :
VSTD020247

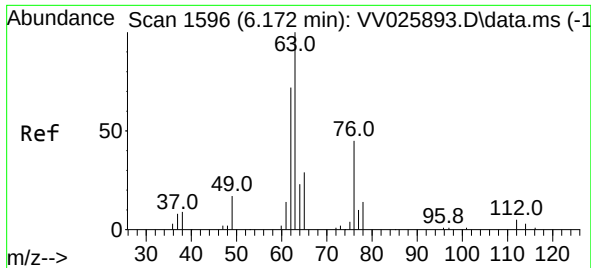
Tgt Ion: 95 Resp: 306574
Ion Ratio Lower Upper
95 100
97 64.3 44.9 83.3
132 95.6 67.6 125.6
130 101.2 71.0 131.8



#35
Methylcyclohexane
Concen: 21.750 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV025895.D
Acq: 13 May 2022 16:55

Tgt Ion: 83 Resp: 521054
Ion Ratio Lower Upper
83 100
55 72.7 60.1 90.1
98 48.8 40.6 61.0





#37

1,2-Dichloropropane

Concen: 20.836 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VV025895.D

Acq: 13 May 2022 16:55

Instrument :

MSVOA_V

ClientSampleId :

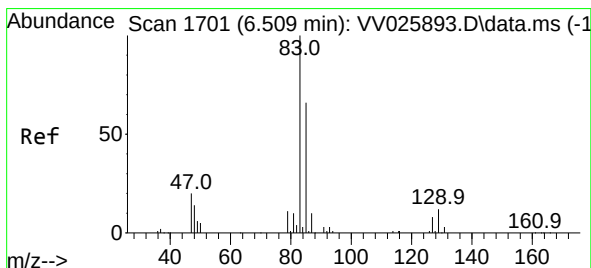
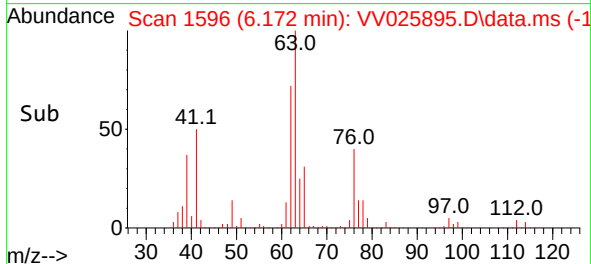
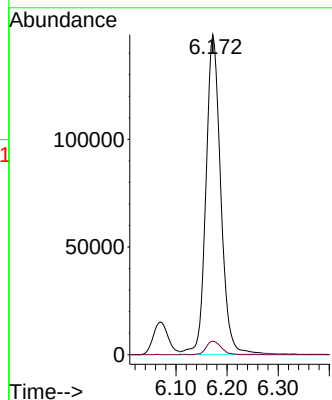
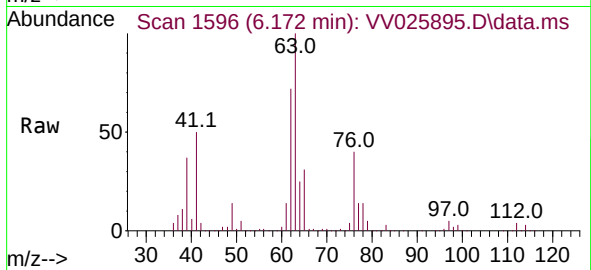
VSTD020247

Tgt Ion: 63 Resp: 298431

Ion Ratio Lower Upper

63 100

112 4.3 3.9 5.9



#38

Bromodichloromethane

Concen: 20.610 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV025895.D

Acq: 13 May 2022 16:55

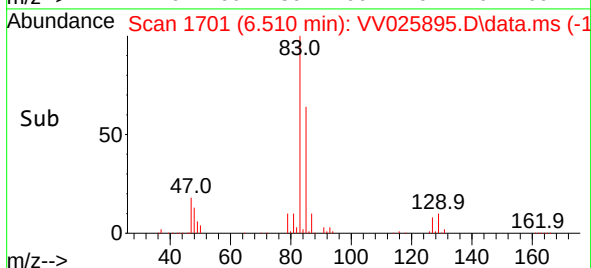
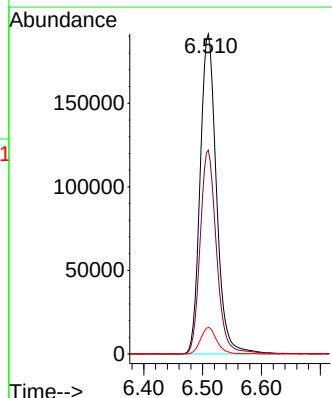
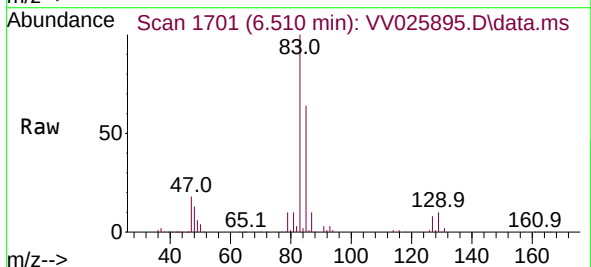
Tgt Ion: 83 Resp: 368985

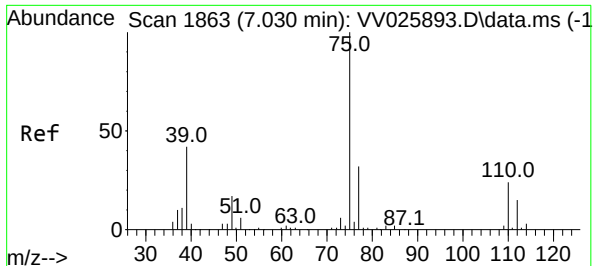
Ion Ratio Lower Upper

83 100

85 63.6 46.1 85.5

127 8.3 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 23.423 ug/L

RT: 7.027 min Scan# 1863

Delta R.T. -0.003 min

Lab File: VV025895.D

Acq: 13 May 2022 16:55

Instrument :

MSVOA_V

ClientSampleId :

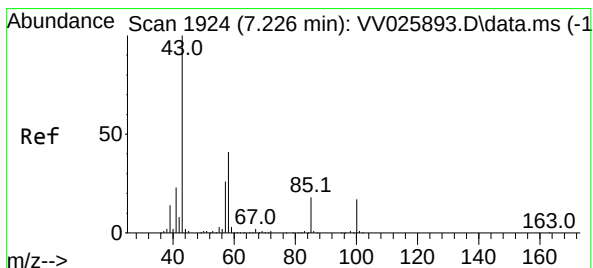
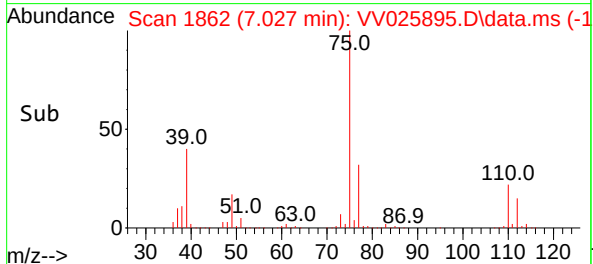
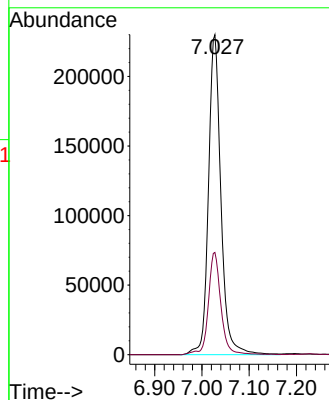
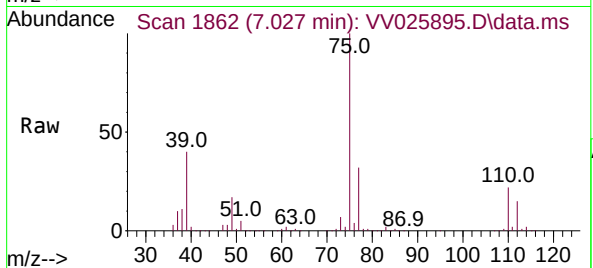
VSTD020247

Tgt Ion: 75 Resp: 421196

Ion Ratio Lower Upper

75 100

77 31.9 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 254.370 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV025895.D

Acq: 13 May 2022 16:55

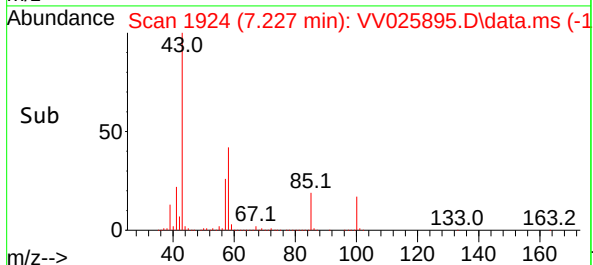
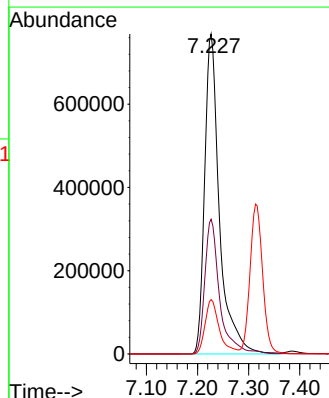
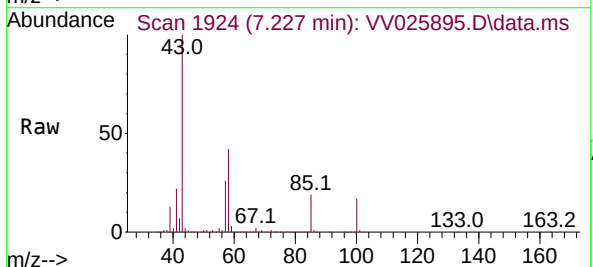
Tgt Ion: 43 Resp: 1548055

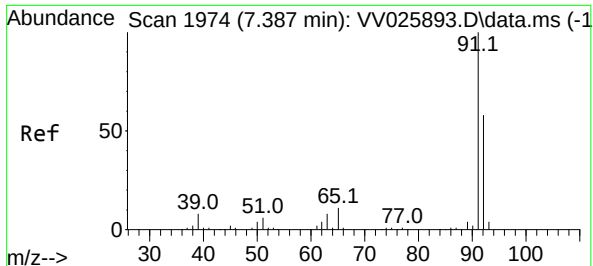
Ion Ratio Lower Upper

43 100

58 42.4 31.6 47.4

100 16.4 12.2 18.4





#42

Toluene

Concen: 20.971 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV025895.D

Acq: 13 May 2022 16:55

Instrument :

MSVOA_V

ClientSampleId :

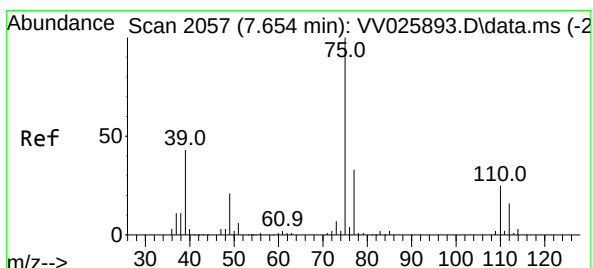
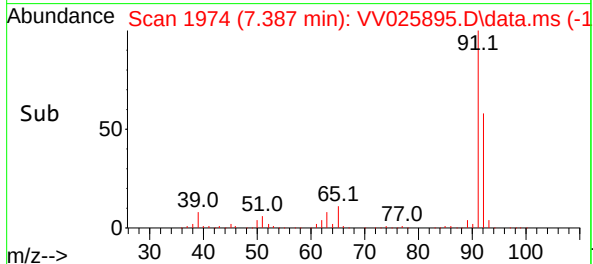
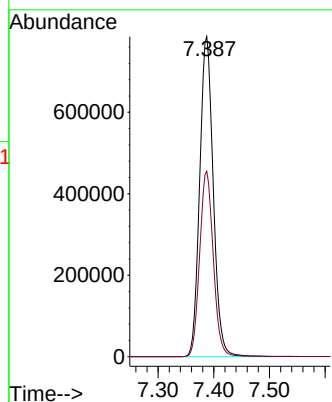
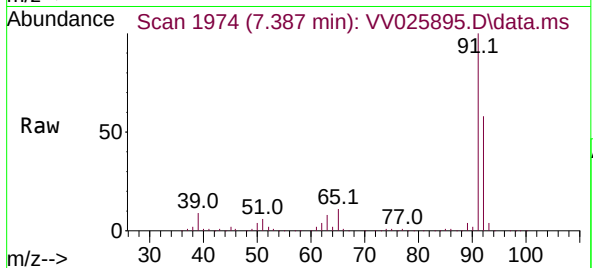
VSTD020247

Tgt Ion: 91 Resp: 1332099

Ion Ratio Lower Upper

91 100

92 58.0 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 23.954 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.006 min

Lab File: VV025895.D

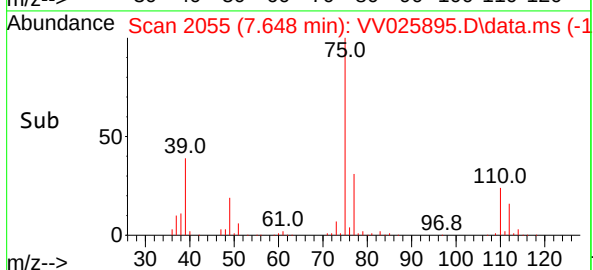
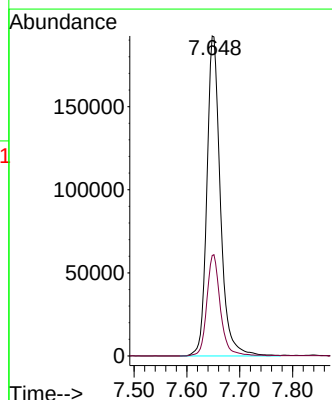
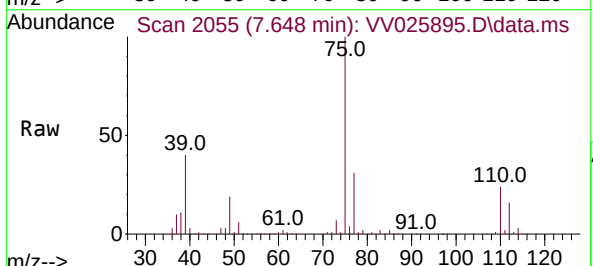
Acq: 13 May 2022 16:55

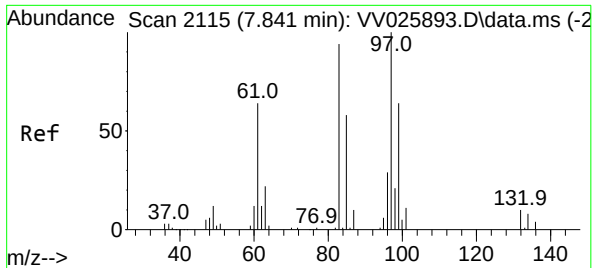
Tgt Ion: 75 Resp: 341489

Ion Ratio Lower Upper

75 100

77 31.4 23.1 42.9

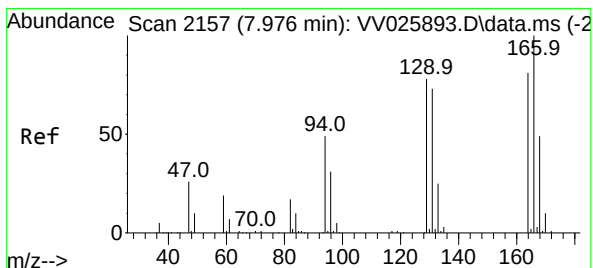
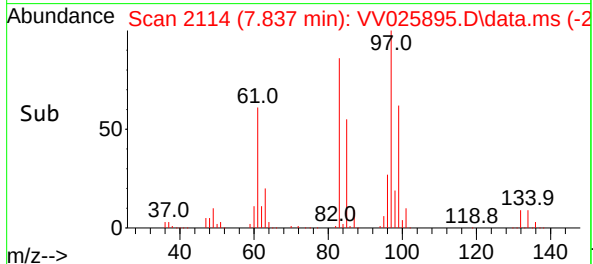
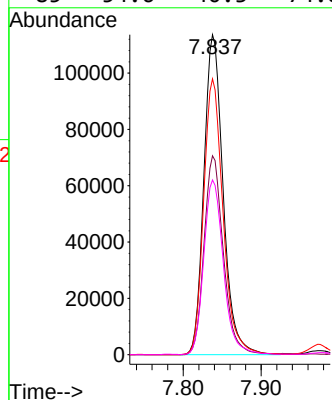
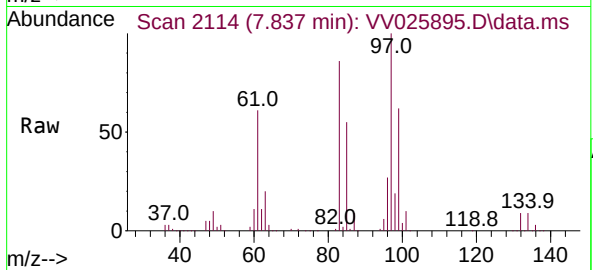




#45
1,1,2-Trichloroethane
Concen: 21.135 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV025895.D
Acq: 13 May 2022 16:55

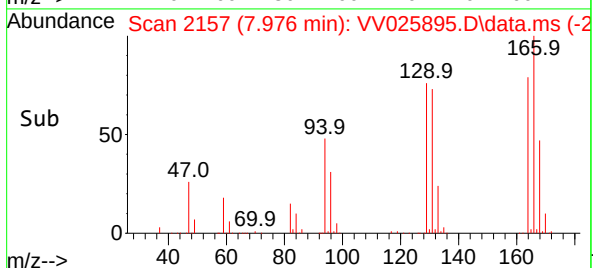
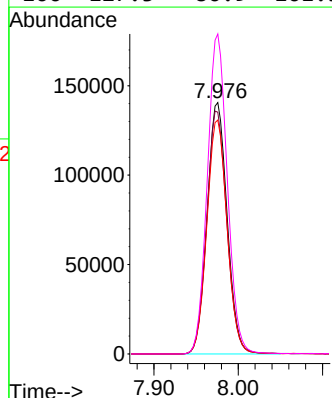
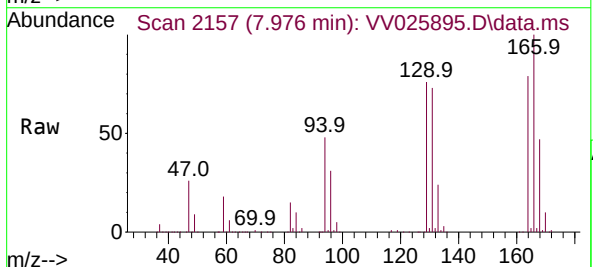
Instrument :
MSVOA_V
ClientSampleId :
VSTD020247

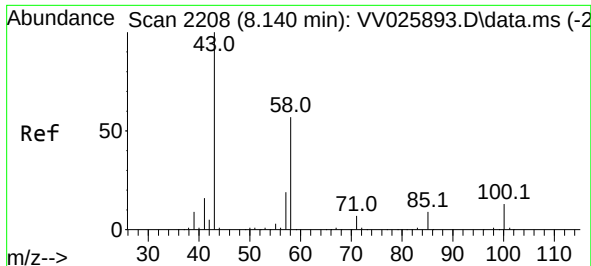
Tgt Ion:	97	Resp:	195216
Ion	Ratio	Lower	Upper
97	100		
99	62.2	44.8	83.2
83	86.2	65.7	121.9
85	54.6	40.3	74.8



#47
Tetrachloroethene
Concen: 17.588 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV025895.D
Acq: 13 May 2022 16:55

Tgt Ion:	164	Resp:	233646
Ion	Ratio	Lower	Upper
164	100		
129	96.2	67.5	125.4
131	93.0	63.8	118.4
166	127.3	86.9	161.3



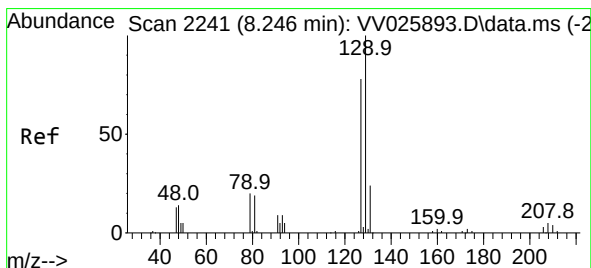
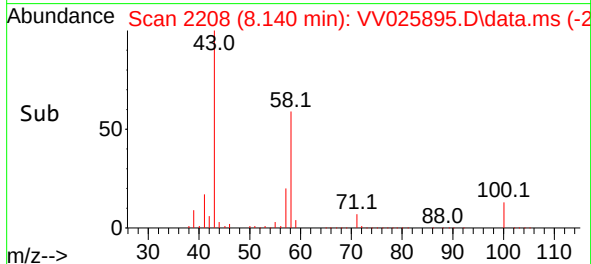
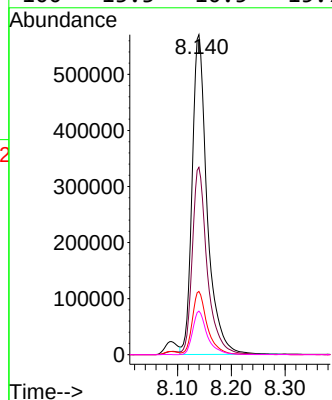
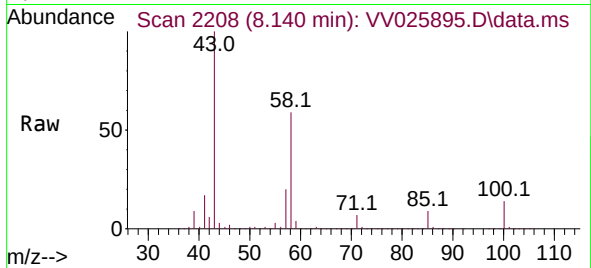


#48
2-Hexanone
Concen: 258.753 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV025895.D
Acq: 13 May 2022 16:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD020247

Tgt Ion: 43 Resp: 1106849

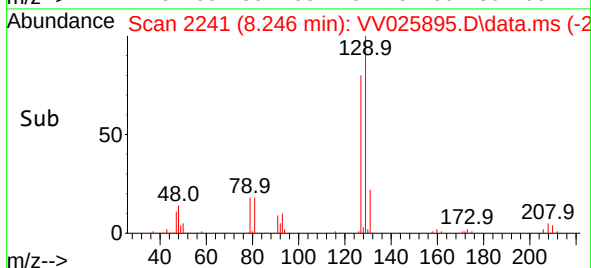
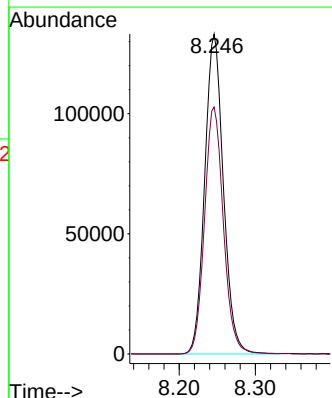
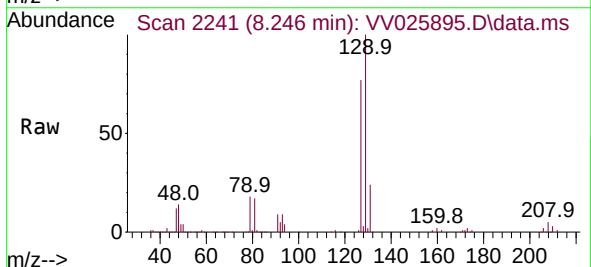
Ion	Ratio	Lower	Upper
43	100		
58	58.3	44.7	67.1
57	19.7	14.9	22.3
100	13.3	10.5	15.7

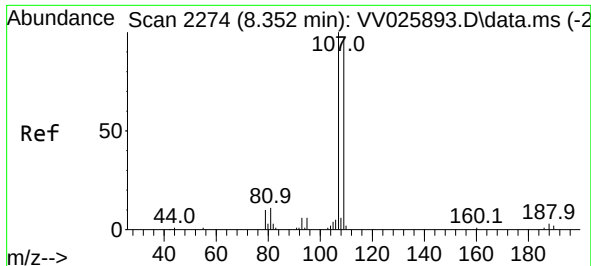


#49
Dibromochloromethane
Concen: 22.167 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV025895.D
Acq: 13 May 2022 16:55

Tgt Ion: 129 Resp: 227081

Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.5	101.1





#50

1,2-Dibromoethane

Concen: 21.857 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025895.D

Acq: 13 May 2022 16:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD020247

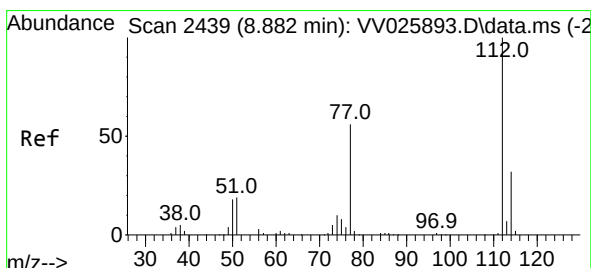
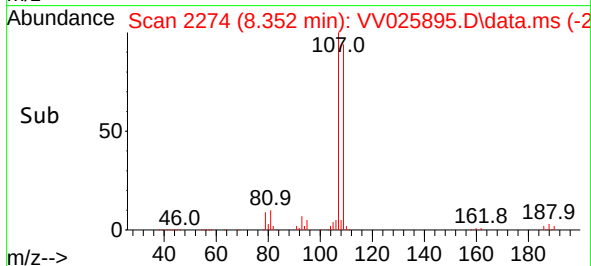
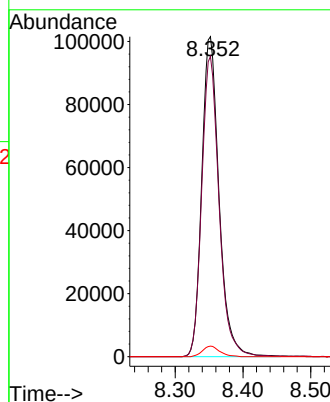
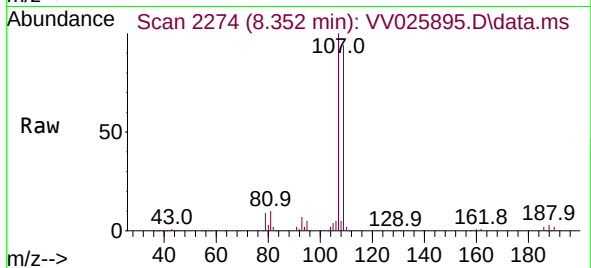
Tgt Ion:107 Resp: 179512

Ion Ratio Lower Upper

107 100

109 93.9 68.1 126.5

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 20.592 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.003 min

Lab File: VV025895.D

Acq: 13 May 2022 16:55

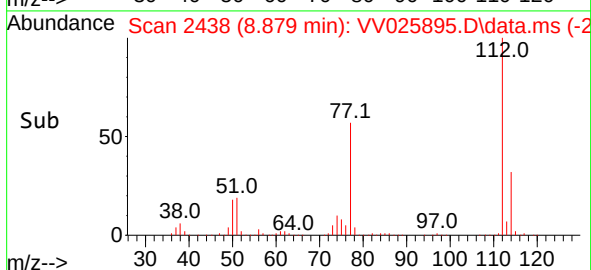
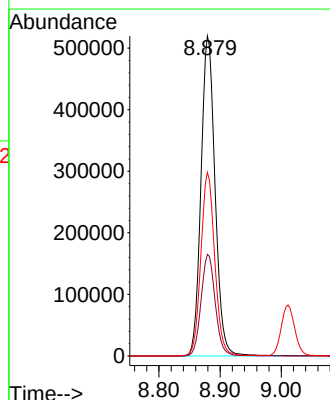
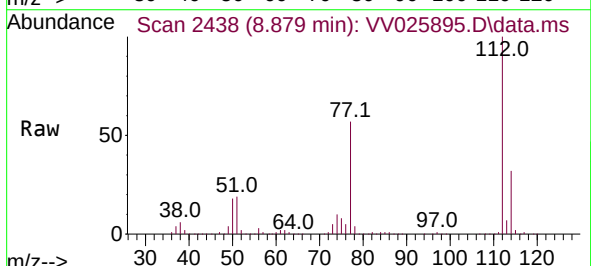
Tgt Ion:112 Resp: 831154

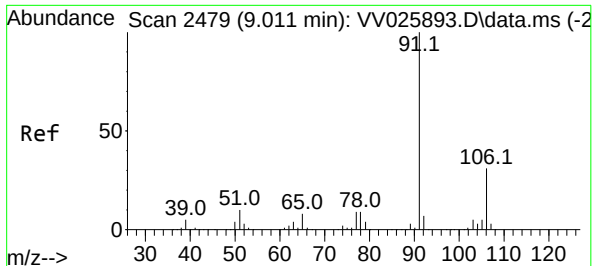
Ion Ratio Lower Upper

112 100

114 31.7 22.3 41.3

77 57.3 45.3 67.9





#52

Ethylbenzene

Concen: 22.271 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV025895.D

Acq: 13 May 2022 16:55

Instrument :

MSVOA_V

ClientSampleId :

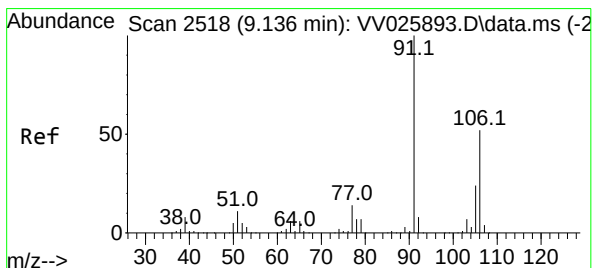
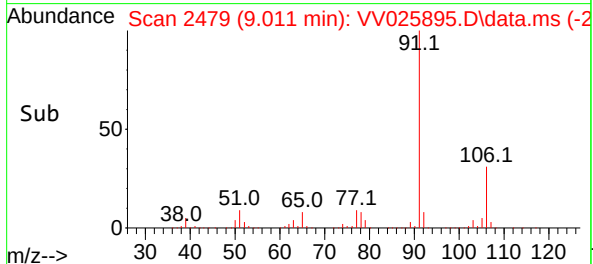
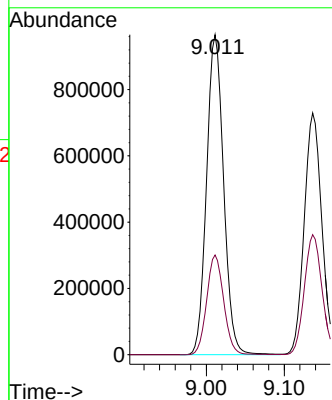
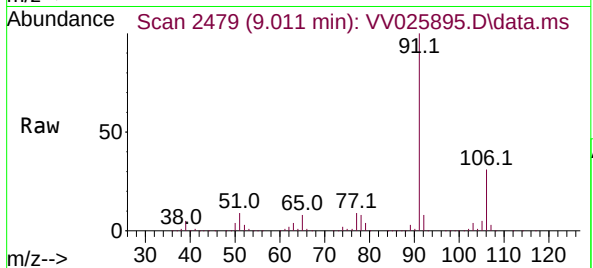
VSTD020247

Tgt Ion: 91 Resp: 1464811

Ion Ratio Lower Upper

91 100

106 31.2 21.6 40.0



#53

m,p-Xylene

Concen: 22.167 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV025895.D

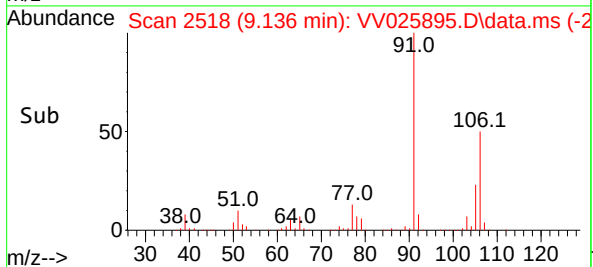
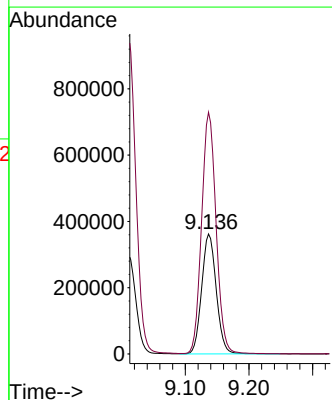
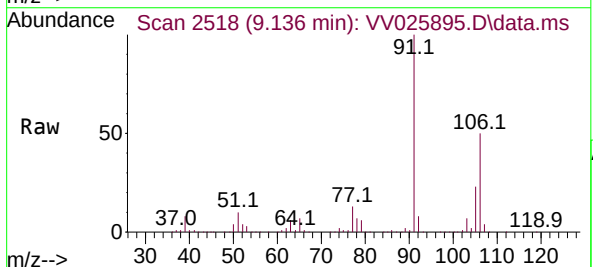
Acq: 13 May 2022 16:55

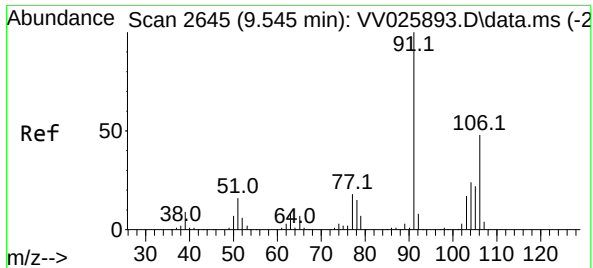
Tgt Ion:106 Resp: 574016

Ion Ratio Lower Upper

106 100

91 201.5 135.3 251.3

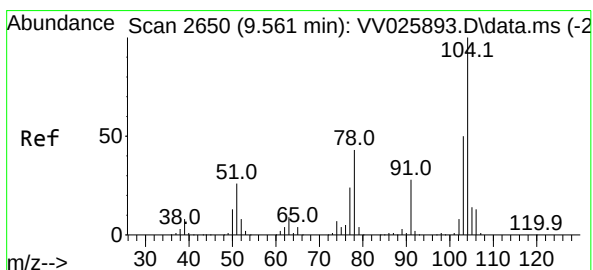
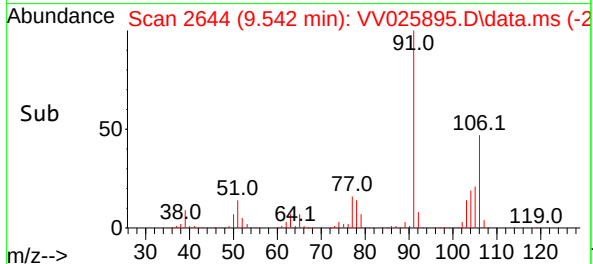
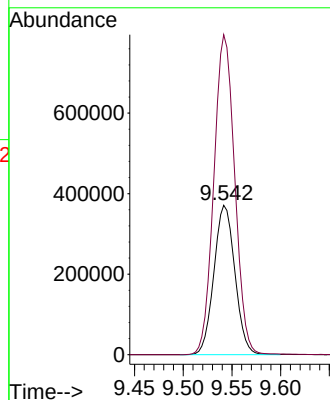
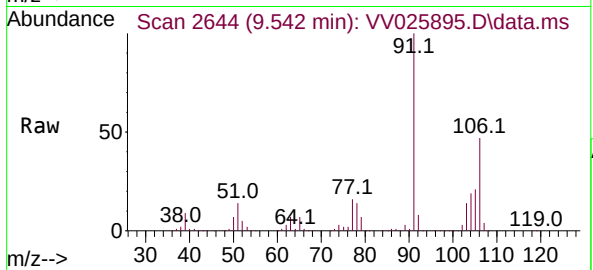




#54
o-Xylene
Concen: 22.689 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV025895.D
Acq: 13 May 2022 16:55

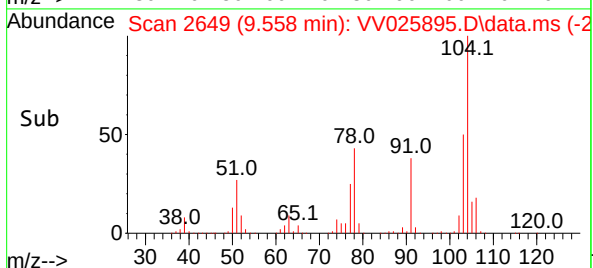
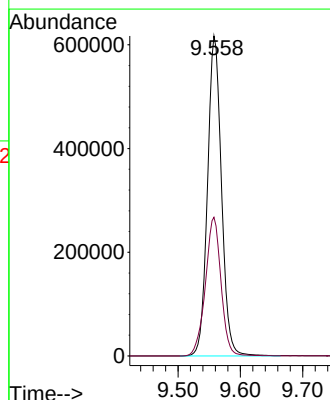
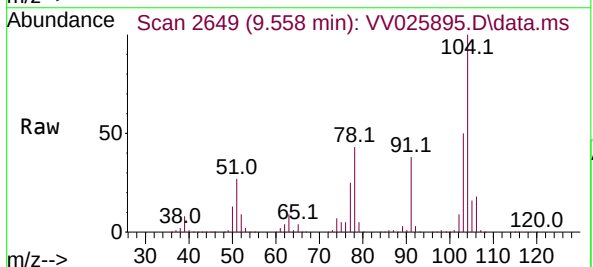
Instrument :
MSVOA_V
ClientSampleId :
VSTD020247

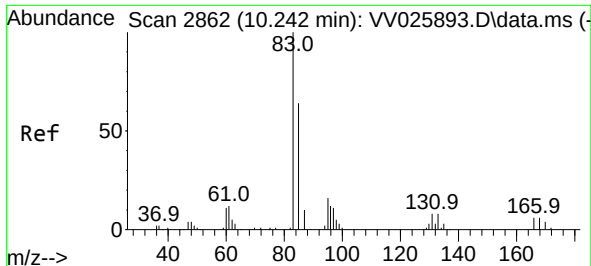
Tgt Ion:106 Resp: 555975
Ion Ratio Lower Upper
106 100
91 214.1 145.1 269.5



#55
Styrene
Concen: 23.805 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV025895.D
Acq: 13 May 2022 16:55

Tgt Ion:104 Resp: 961835
Ion Ratio Lower Upper
104 100
78 43.4 30.0 55.8





#57

1,1,2,2-Tetrachloroethane

Concen: 22.800 ug/L

RT: 10.239 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV025895.D

Acq: 13 May 2022 16:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD020247

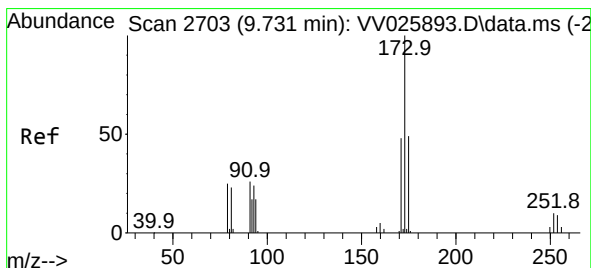
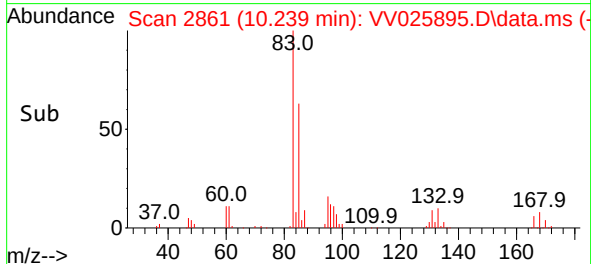
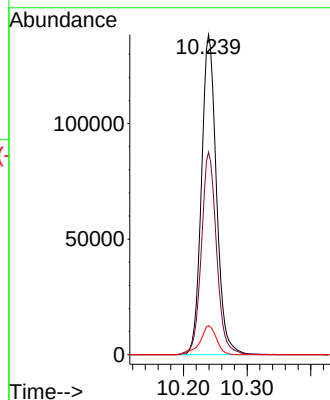
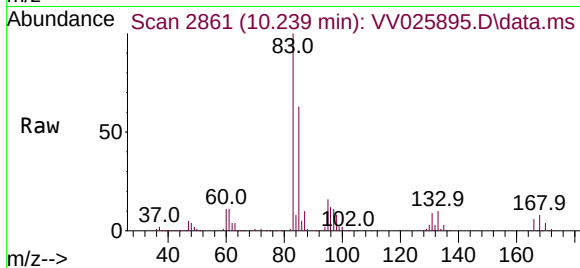
Tgt Ion: 83 Resp: 226078

Ion Ratio Lower Upper

83 100

85 63.3 44.5 82.7

131 9.1 6.7 10.1



#59

Bromoform

Concen: 22.766 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV025895.D

Acq: 13 May 2022 16:55

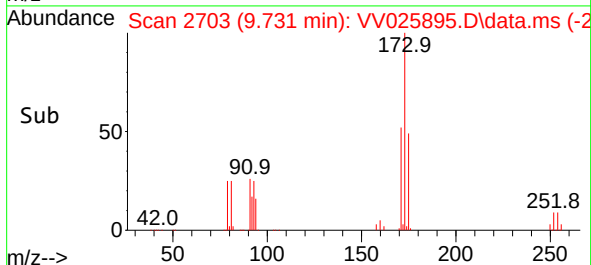
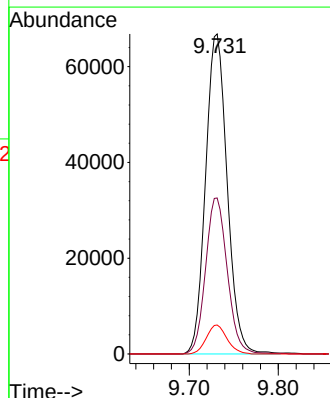
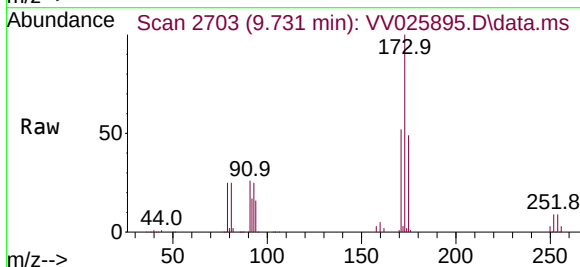
Tgt Ion: 173 Resp: 112402

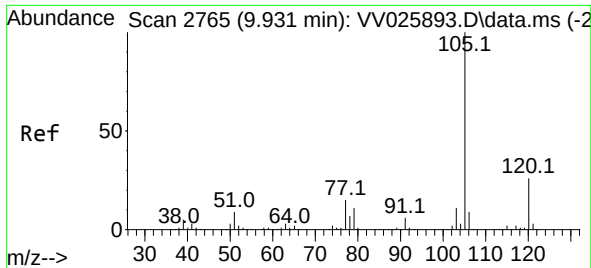
Ion Ratio Lower Upper

173 100

175 48.9 39.4 59.2

254 8.7 7.0 10.6

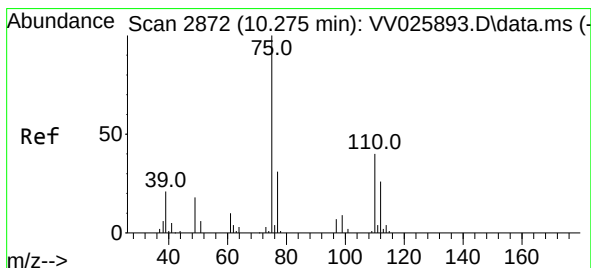
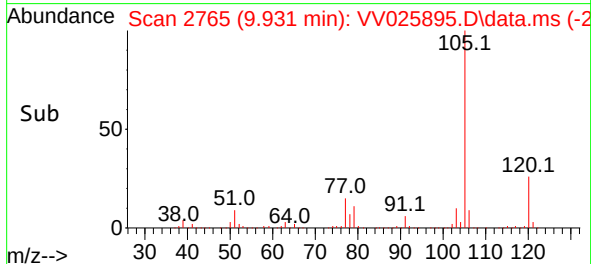
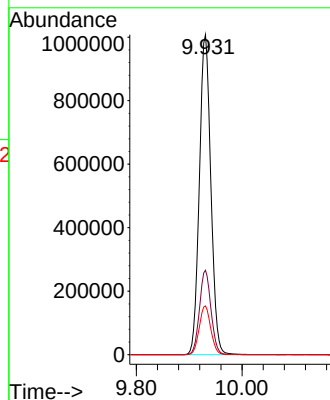
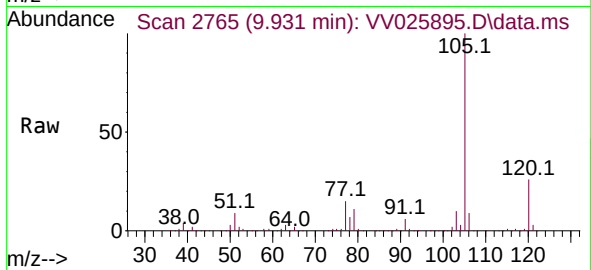




#60
Isopropylbenzene
Concen: 21.464 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025895.D
Acq: 13 May 2022 16:55

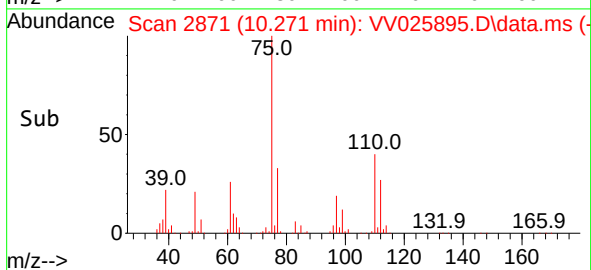
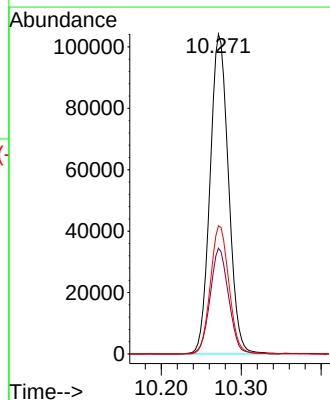
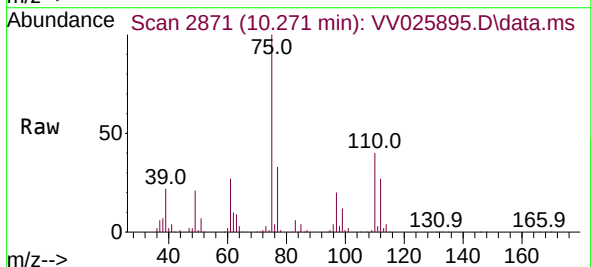
Instrument :
MSVOA_V
ClientSampleId :
VSTD020247

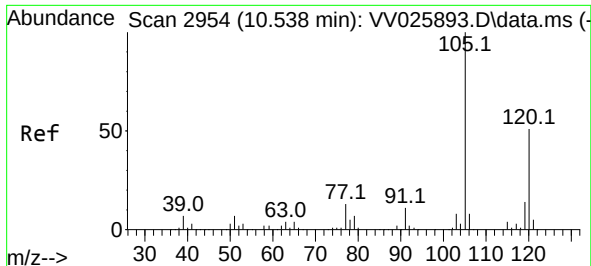
Tgt Ion:105 Resp: 1513836
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 15.4 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 19.852 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV025895.D
Acq: 13 May 2022 16:55

Tgt Ion: 75 Resp: 166828
Ion Ratio Lower Upper
75 100
77 33.2 26.2 39.2
110 40.4 32.4 48.6





#62

1,3,5-Trimethylbenzene

Concen: 22.686 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV025895.D

Acq: 13 May 2022 16:55

Instrument :

MSVOA_V

ClientSampleId :

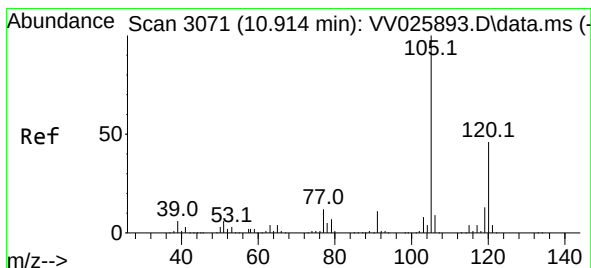
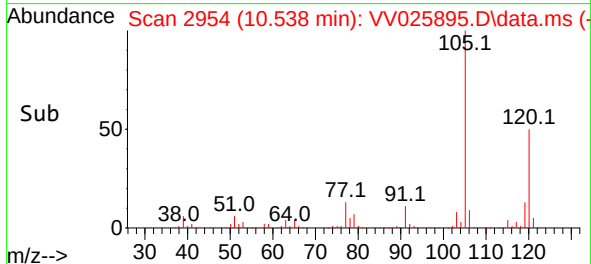
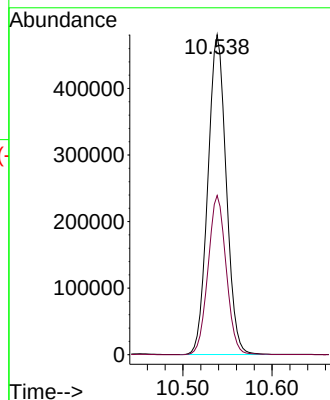
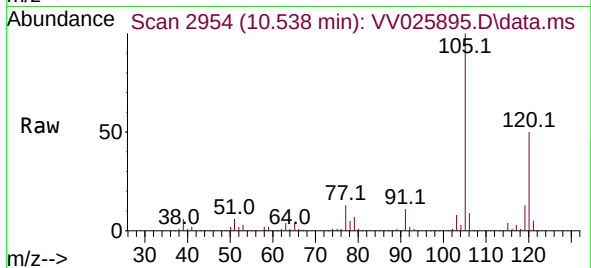
VSTD020247

Tgt Ion:105 Resp: 685798

Ion Ratio Lower Upper

105 100

120 49.3 40.4 60.6



#63

1,2,4-Trimethylbenzene

Concen: 23.143 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV025895.D

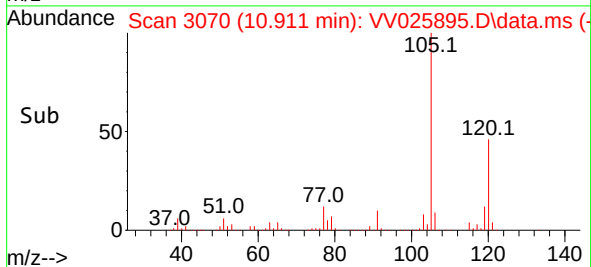
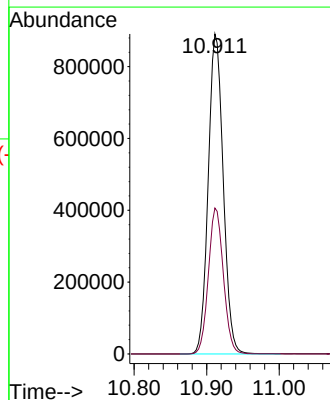
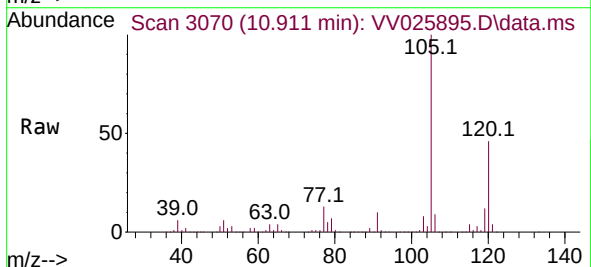
Acq: 13 May 2022 16:55

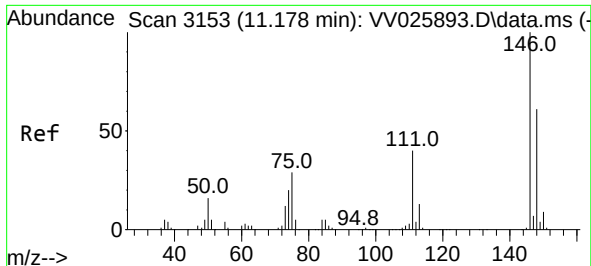
Tgt Ion:105 Resp: 1278598

Ion Ratio Lower Upper

105 100

120 45.6 36.8 55.2

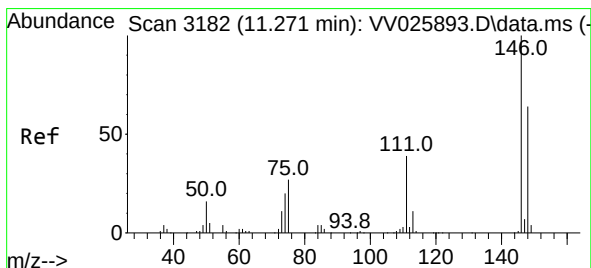
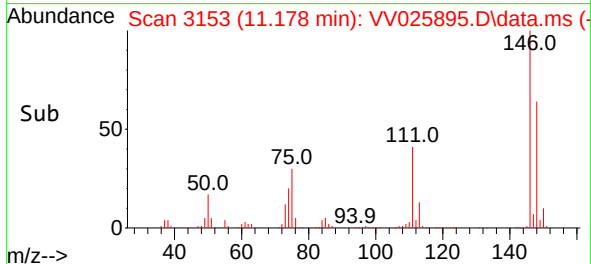
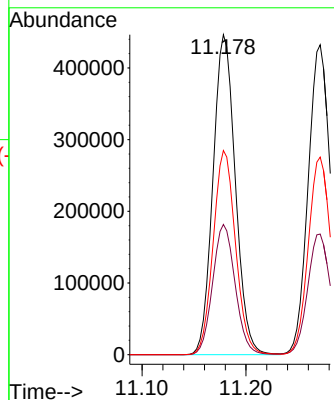
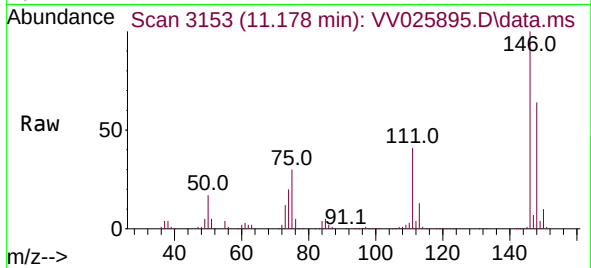




#64
 1,3-Dichlorobenzene
 Concen: 20.540 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.000 min
 Lab File: VV025895.D
 Acq: 13 May 2022 16:55

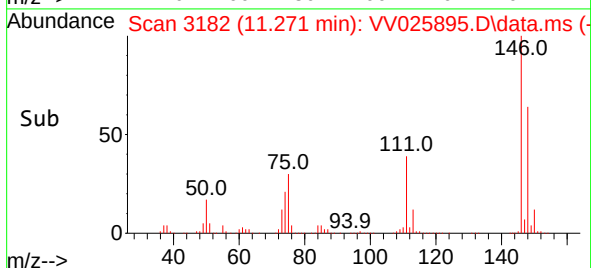
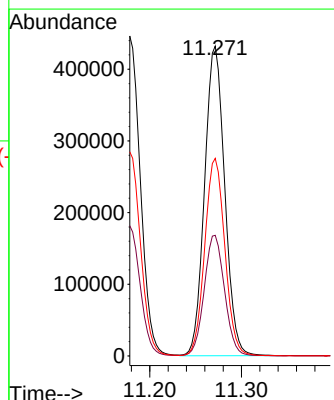
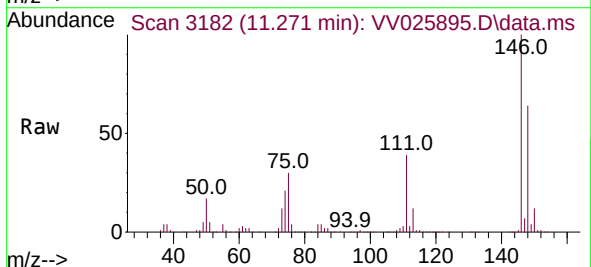
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020247

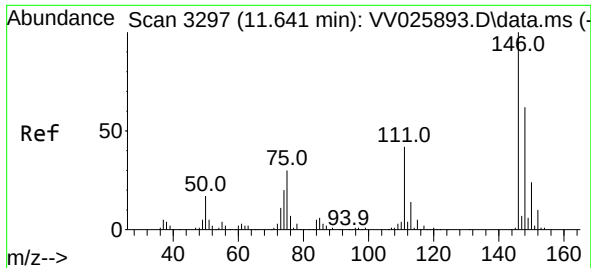
Tgt Ion:146 Resp: 668136
 Ion Ratio Lower Upper
 146 100
 111 40.7 28.2 52.4
 148 63.8 42.6 79.0



#65
 1,4-Dichlorobenzene
 Concen: 19.966 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV025895.D
 Acq: 13 May 2022 16:55

Tgt Ion:146 Resp: 659807
 Ion Ratio Lower Upper
 146 100
 111 38.9 27.5 51.1
 148 63.8 44.7 82.9

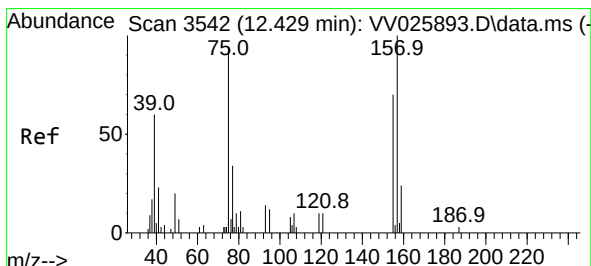
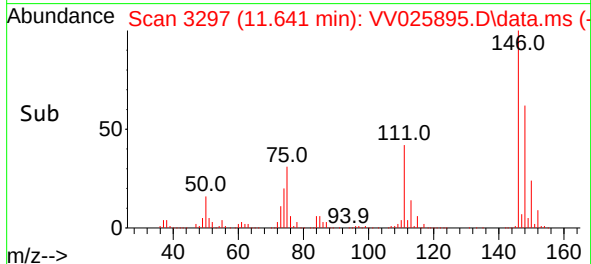
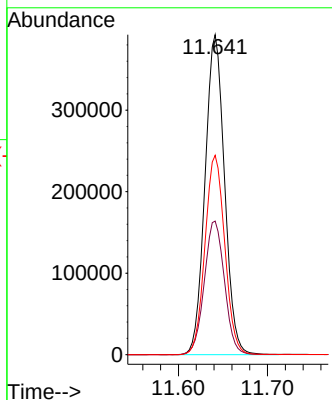
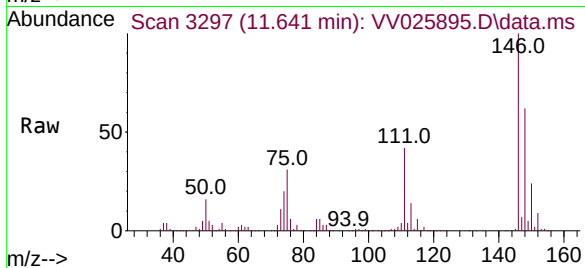




#67
1,2-Dichlorobenzene
Concen: 20.628 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV025895.D
Acq: 13 May 2022 16:55

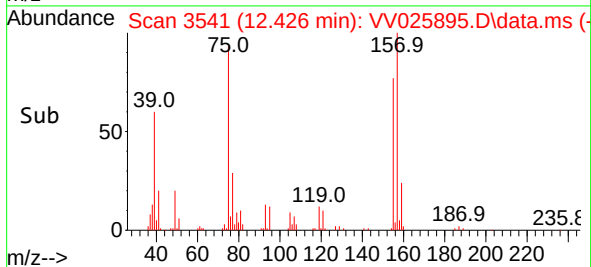
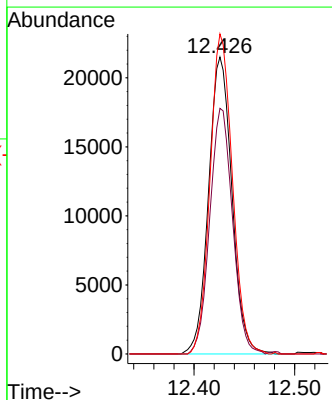
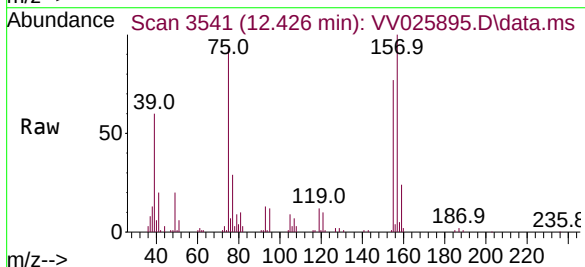
Instrument :
MSVOA_V
ClientSampleId :
VSTD020247

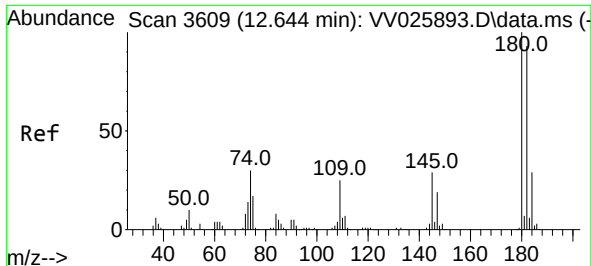
Tgt Ion:146 Resp: 596922
Ion Ratio Lower Upper
146 100
111 41.7 33.6 50.4
148 62.3 49.4 74.2



#68
1,2-Dibromo-3-chloropropane
Concen: 22.253 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV025895.D
Acq: 13 May 2022 16:55

Tgt Ion: 75 Resp: 34734
Ion Ratio Lower Upper
75 100
155 82.7 59.6 89.4
157 107.8 85.3 127.9

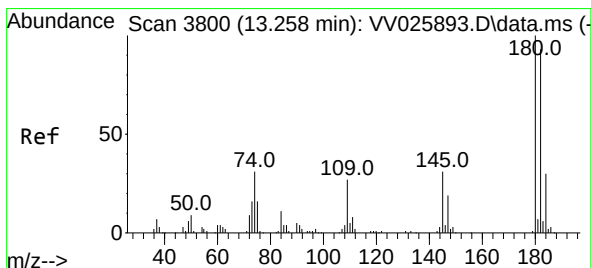
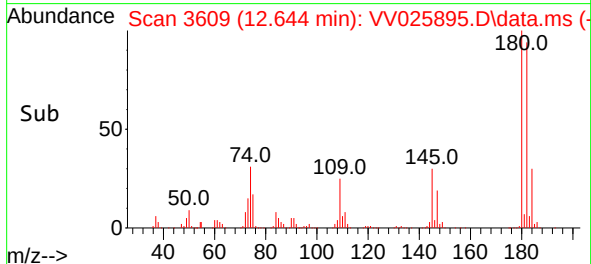
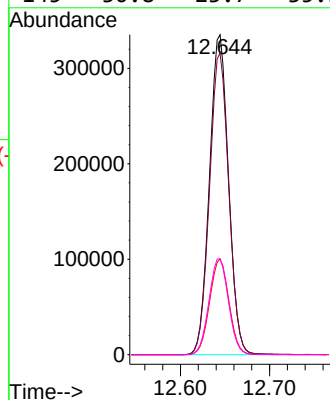
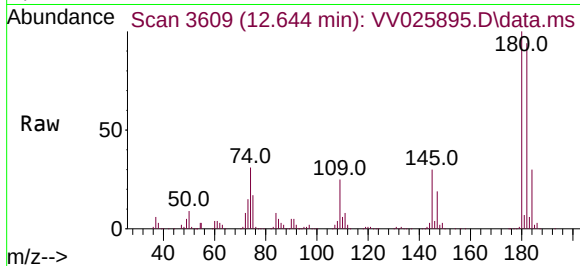




#69
1,3,5-Trichlorobenzene
Concen: 20.336 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VV025895.D
Acq: 13 May 2022 16:55

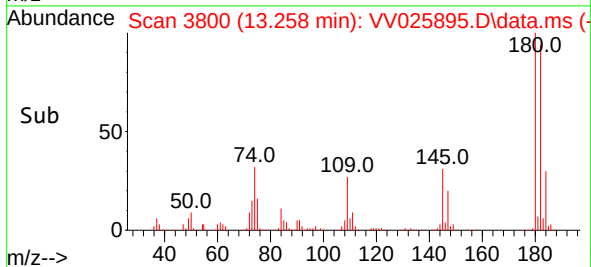
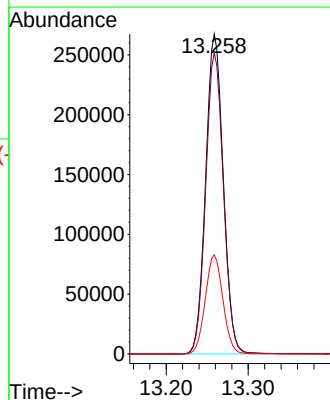
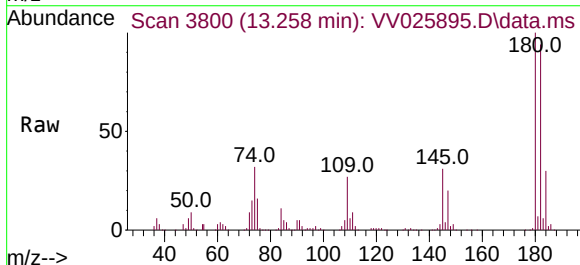
Instrument :
MSVOA_V
ClientSampleId :
VSTD020247

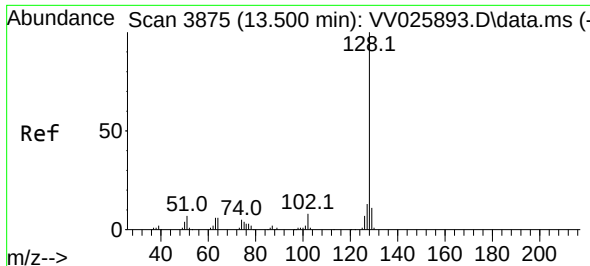
Tgt Ion:180	Resp:	497999
Ion	Ratio	Lower Upper
180	100	
182	94.9	74.3 111.5
184	30.3	23.5 35.3
145	30.8	23.7 35.5



#70
1,2,4-trichlorobenzene
Concen: 21.963 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV025895.D
Acq: 13 May 2022 16:55

Tgt Ion:180	Resp:	399771
Ion	Ratio	Lower Upper
180	100	
182	94.6	75.0 112.4
145	31.0	25.1 37.7

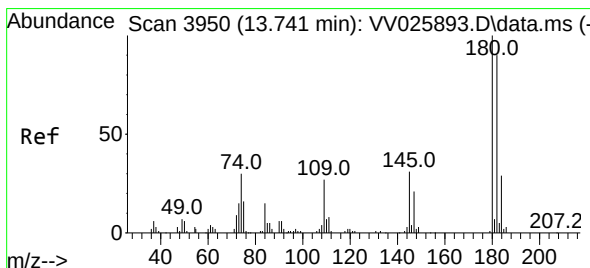
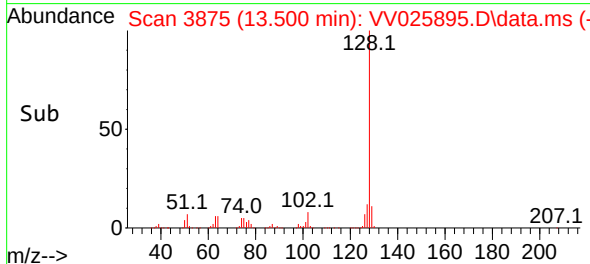
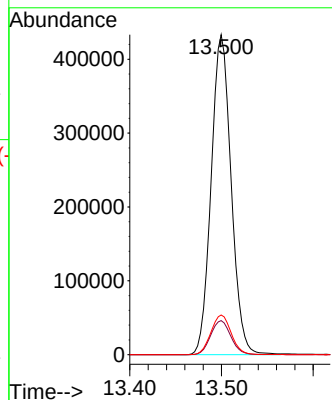
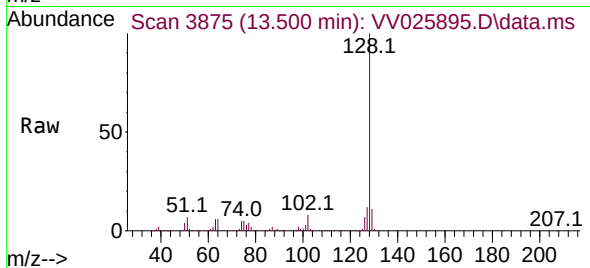




#71
Naphthalene
Concen: 25.292 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025895.D
Acq: 13 May 2022 16:55

Instrument :
MSVOA_V
ClientSampleId :
VSTD020247

Tgt Ion:128 Resp: 655716
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.6 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 22.748 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025895.D
Acq: 13 May 2022 16:55

Tgt Ion:180 Resp: 340230
Ion Ratio Lower Upper
180 100
182 94.8 73.5 110.3
145 33.2 25.9 38.9

