

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111122\
 Data File : VW028924.D
 Acq On : 12 Nov 2022 11:35
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005343

Quant Time: Nov 14 00:28:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 03:43:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	329625	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	301588	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	152382	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	98840	4.918	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.400%	
7) Chloroethane-d5	1.568	69	89113	5.044	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.800%	
11) 1,1-Dichloroethene-d2	2.108	63	187085	5.109	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	102.200%	
20) 2-Butanone-d5	3.886	46	212846	63.273	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	126.540%	
24) Chloroform-d	4.342	84	218534	5.297	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.000%	
26) 1,2-Dichloroethane-d4	5.030	65	95819	5.162	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.200%	
32) Benzene-d6	5.047	84	448047	4.977	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.600%	
36) 1,2-Dichloropropane-d6	6.066	67	126551	5.034	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.600%	
41) Toluene-d8	7.310	98	413851	5.107	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
43) trans-1,3-Dichloroprop...	7.619	79	37642	4.591	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.800%	
46) 2-Hexanone-d5	8.085	63	192548	55.022	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.040%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	85605	4.912	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.200%	
66) 1,2-Dichlorobenzene-d4	11.615	152	141388	5.186	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	136787	4.978	ug/L	97
3) Chloromethane	1.240	50	121992	5.349	ug/L	98
5) Vinyl chloride	1.310	62	133613	5.136	ug/L	96
6) Bromomethane	1.523	94	79741	5.129	ug/L	97
8) Chloroethane	1.584	64	81411	5.326	ug/L	94
9) Trichlorofluoromethane	1.751	101	181351	5.171	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	101769	5.125	ug/L	99
12) 1,1-Dichloroethene	2.117	96	104322	5.228	ug/L	98
13) Acetone	2.179	43	113417	52.413	ug/L	83
14) Carbon disulfide	2.291	76	352393	4.973	ug/L	99
15) Methyl Acetate	2.436	43	38552	7.341	ug/L	96
16) Methylene chloride	2.503	84	175498	6.802	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	233939	5.468	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	121090	5.232	ug/L	95
19) 1,1-Dichloroethane	3.185	63	199110	5.263	ug/L	99
21) 2-Butanone	3.973	43	198623	59.287	ug/L	88
22) cis-1,2-Dichloroethene	3.905	96	127291	5.410	ug/L	98
23) Bromochloromethane	4.246	128	52267	5.253	ug/L	92
25) Chloroform	4.371	83	204707	5.161	ug/L	95

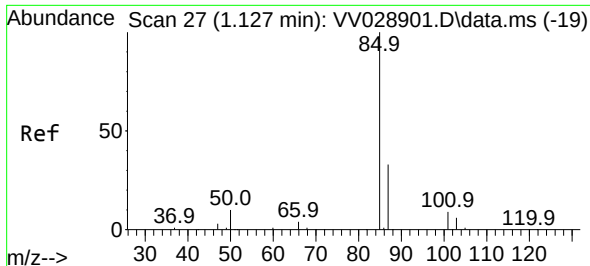
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	110985	5.433	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	180926	5.112	ug/L	98
30) Cyclohexane	4.670	56	187035	5.200	ug/L	97
31) Carbon tetrachloride	4.825	117	148179	4.862	ug/L	100
33) Benzene	5.095	78	474190	5.145	ug/L	100
34) Trichloroethene	5.911	95	123085	5.217	ug/L	98
35) Methylcyclohexane	6.127	83	202923	4.894	ug/L	98
37) 1,2-Dichloropropane	6.172	63	108699	5.115	ug/L	99
38) Bromodichloromethane	6.506	83	131060	4.869	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	140765	4.744	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	496727	54.325	ug/L	97
42) Toluene	7.384	91	517353	5.196	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	108985	4.732	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	76173	5.475	ug/L	97
47) Tetrachloroethene	7.969	164	99778	5.281	ug/L	98
48) 2-Hexanone	8.136	43	337328	52.666	ug/L	99
49) Dibromochloromethane	8.239	129	83240	4.949	ug/L	100
50) 1,2-Dibromoethane	8.349	107	69006	5.339	ug/L	99
51) Chlorobenzene	8.876	112	326883	5.310	ug/L	99
52) Ethylbenzene	9.008	91	552166	5.327	ug/L	100
53) m,p-Xylene	9.133	106	215303	5.223	ug/L	99
54) o-Xylene	9.535	106	199624	5.094	ug/L	96
55) Styrene	9.554	104	344137	5.236	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	82385	5.081	ug/L	97
59) Bromoform	9.725	173	39343	4.736	ug/L	99
60) Isopropylbenzene	9.924	105	540224	5.462	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	57068	5.480	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	451276	5.386	ug/L	100
63) 1,2,4-Trimethylbenzene	10.908	105	455272	5.424	ug/L	98
64) 1,3-Dichlorobenzene	11.175	146	246706	5.309	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	249234	5.335	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	224864	5.385	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	10590	5.169	ug/L	86
69) 1,3,5-Trichlorobenzene	12.635	180	188581	5.260	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	148635	5.481	ug/L	98
71) Naphthalene	13.493	128	199420	5.699	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	127186	5.537	ug/L	99

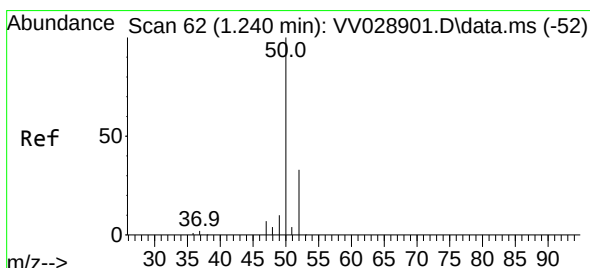
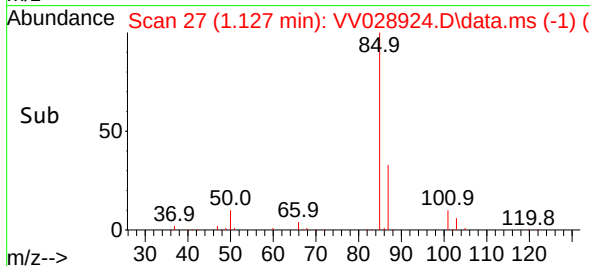
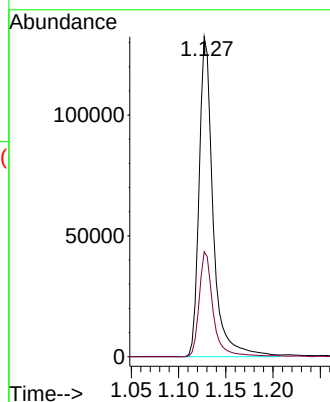
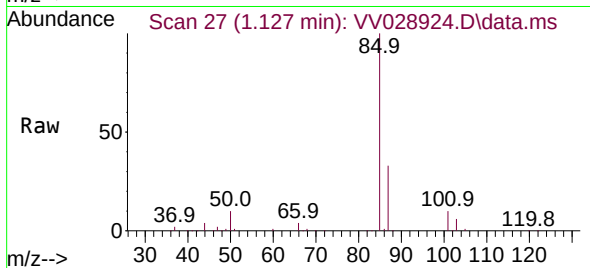
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.978 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV028924.D
 Acq: 12 Nov 2022 11:35

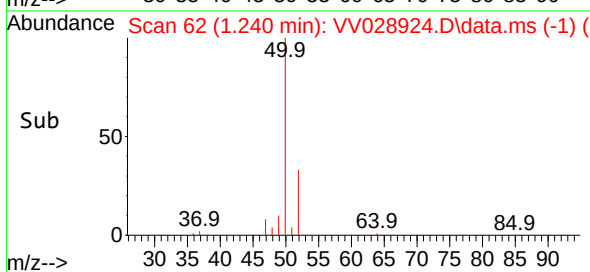
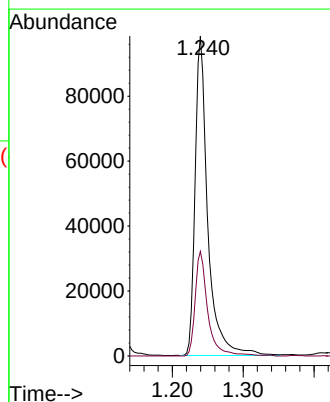
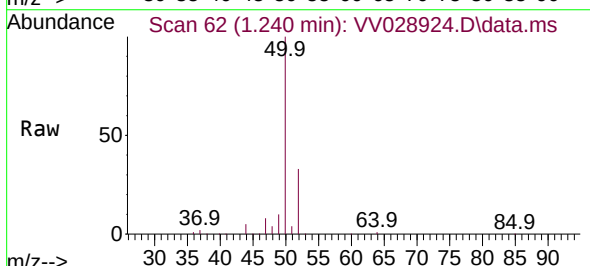
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005343

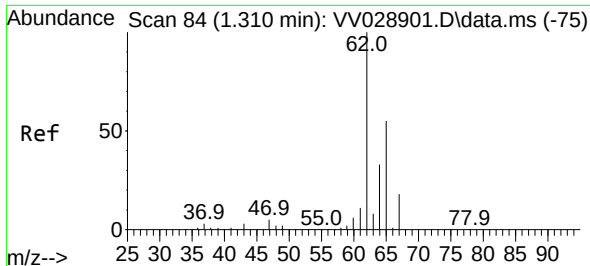
Tgt Ion: 85 Resp: 136787
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.0 37.4



#3
 Chloromethane
 Concen: 5.349 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV028924.D
 Acq: 12 Nov 2022 11:35

Tgt Ion: 50 Resp: 121992
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.7 43.9

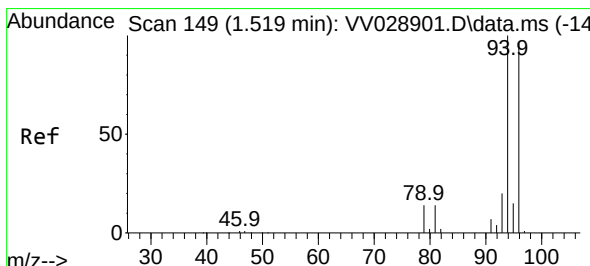
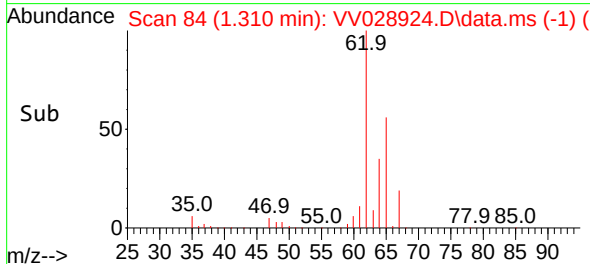
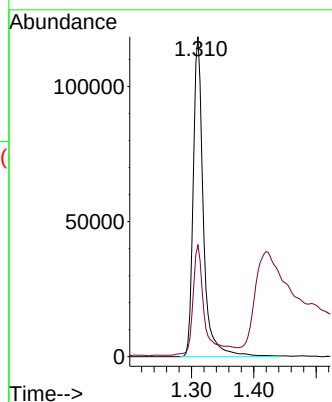
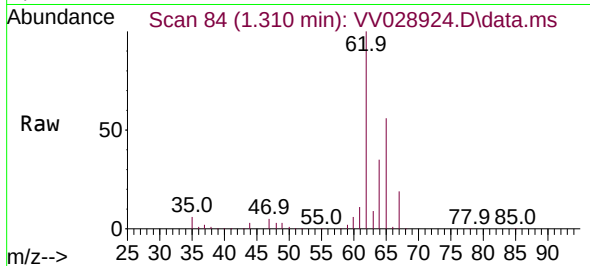




#5
 Vinyl chloride
 Concen: 5.136 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV028924.D
 Acq: 12 Nov 2022 11:35

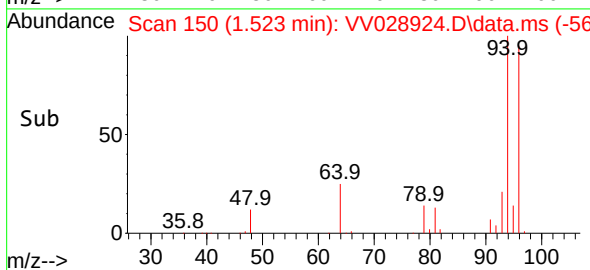
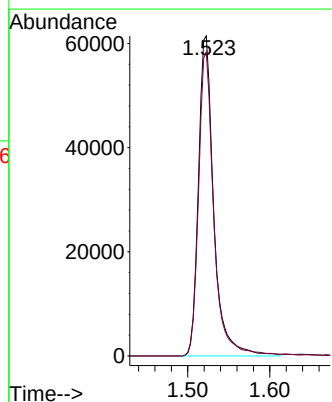
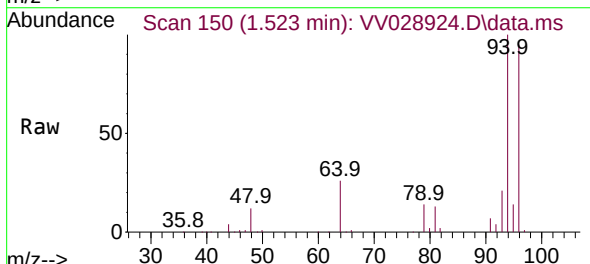
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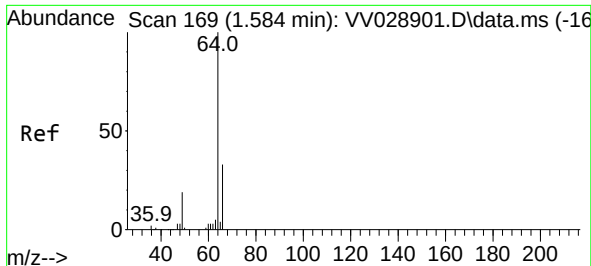
Tgt Ion: 62 Resp: 133613
 Ion Ratio Lower Upper
 62 100
 64 34.8 22.8 42.4



#6
 Bromomethane
 Concen: 5.129 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV028924.D
 Acq: 12 Nov 2022 11:35

Tgt Ion: 94 Resp: 79741
 Ion Ratio Lower Upper
 94 100
 96 95.0 68.5 127.3

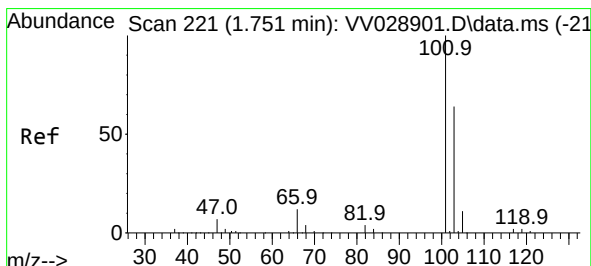
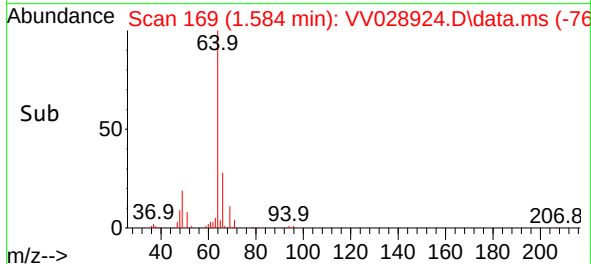
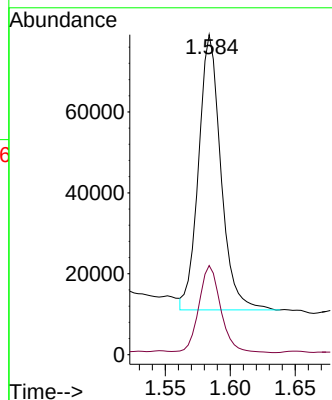
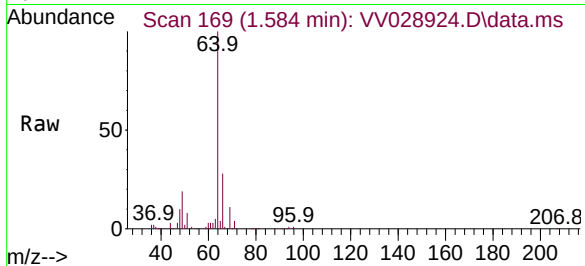




#8
Chloroethane
Concen: 5.326 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV028924.D
Acq: 12 Nov 2022 11:35

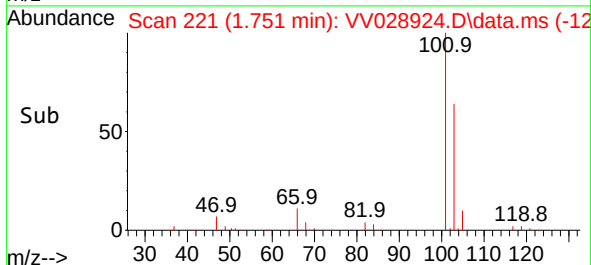
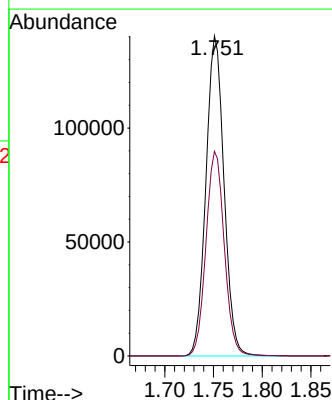
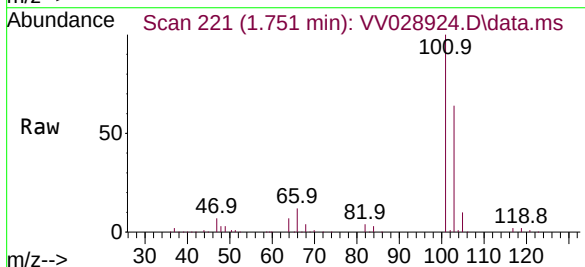
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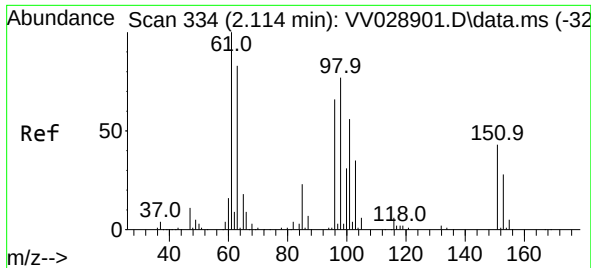
Tgt Ion: 64 Resp: 81411
Ion Ratio Lower Upper
64 100
66 27.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.171 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV028924.D
Acq: 12 Nov 2022 11:35

Tgt Ion: 101 Resp: 181351
Ion Ratio Lower Upper
101 100
103 64.7 51.3 76.9

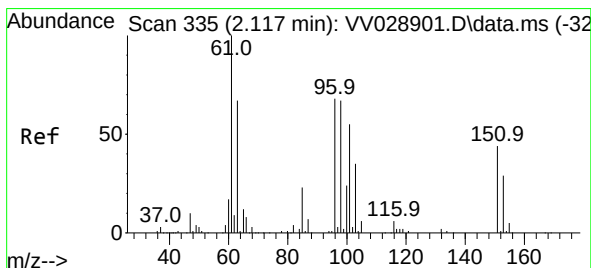
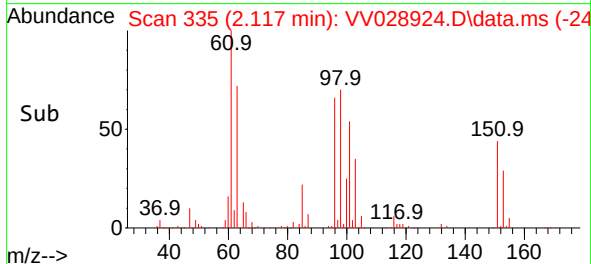
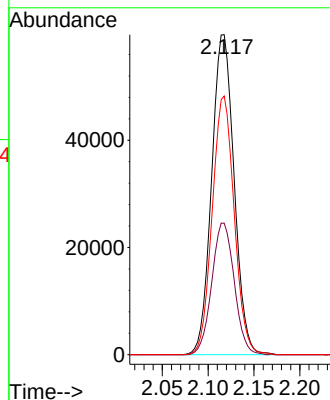
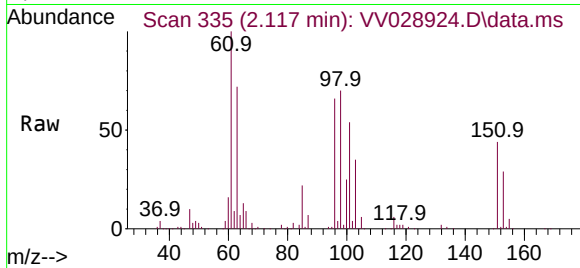




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.125 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV028924.D
Acq: 12 Nov 2022 11:35

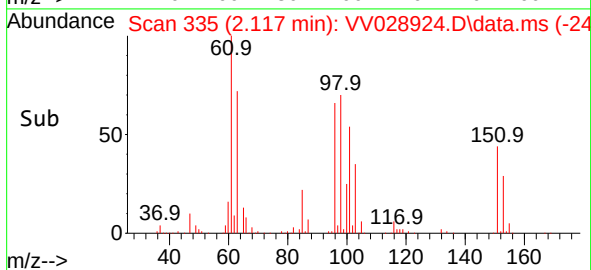
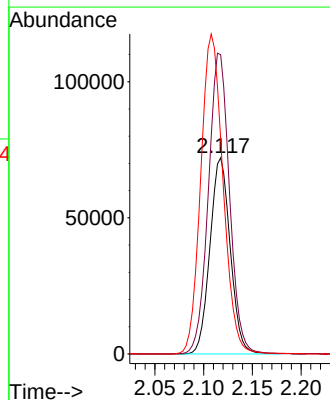
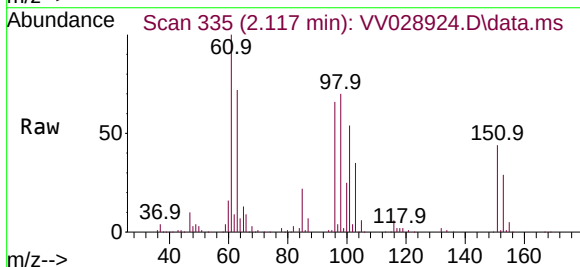
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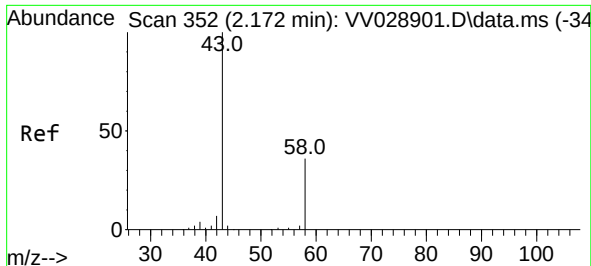
Tgt Ion:101 Resp: 101769
Ion Ratio Lower Upper
101 100
85 41.1 32.9 49.3
151 79.2 62.5 93.7



#12
1,1-Dichloroethene
Concen: 5.228 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV028924.D
Acq: 12 Nov 2022 11:35

Tgt Ion: 96 Resp: 104322
Ion Ratio Lower Upper
96 100
61 152.5 104.2 193.4
63 109.6 75.9 140.9





#13

Acetone

Concen: 52.413 ug/L

RT: 2.179 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV028924.D

Acq: 12 Nov 2022 11:35

Instrument :

MSVOA_V

ClientSampleId :

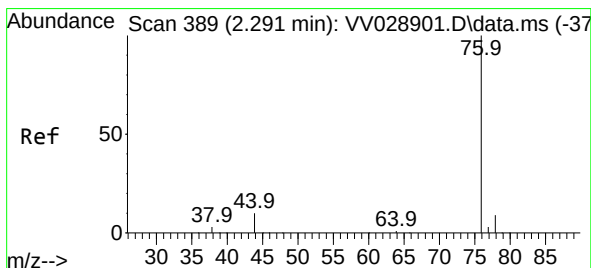
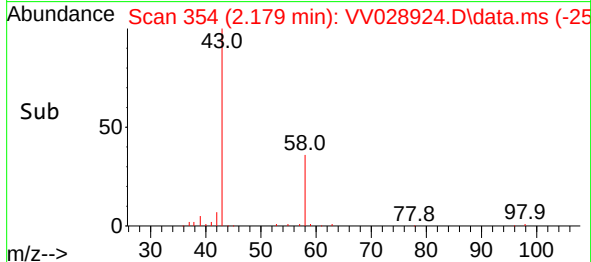
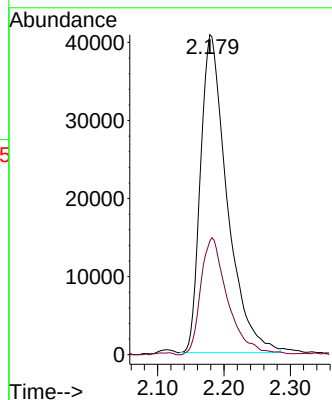
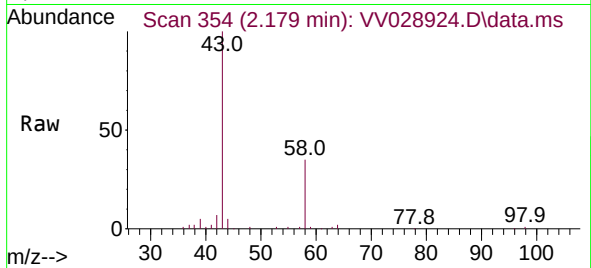
VSTD005343

Tgt Ion: 43 Resp: 113417

Ion Ratio Lower Upper

43 100

58 37.4 0.0 56.6



#14

Carbon disulfide

Concen: 4.973 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV028924.D

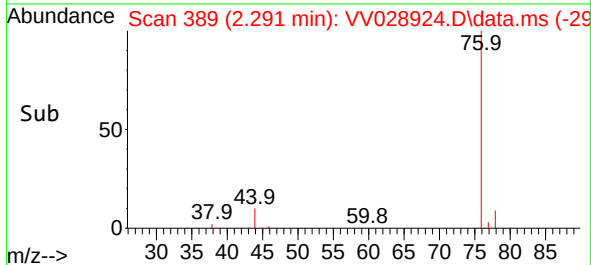
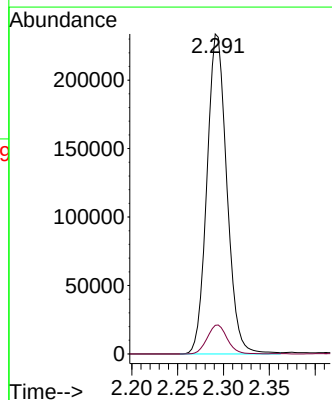
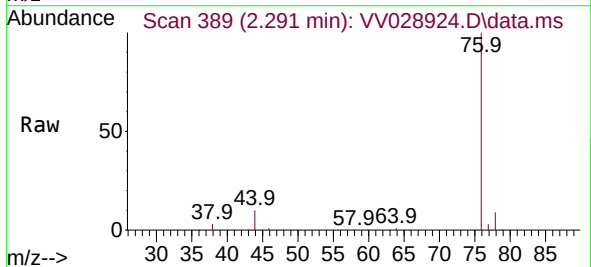
Acq: 12 Nov 2022 11:35

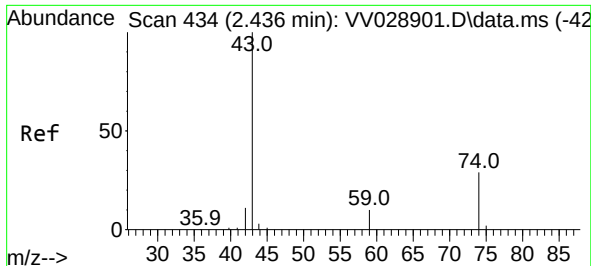
Tgt Ion: 76 Resp: 352393

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

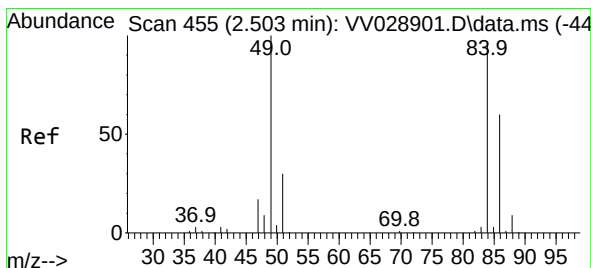
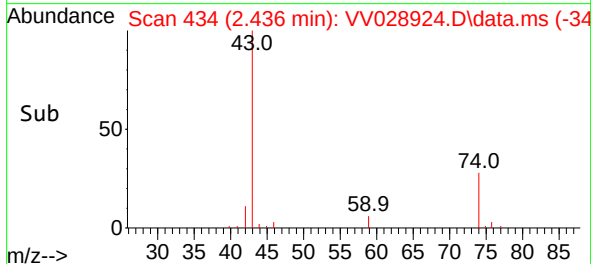
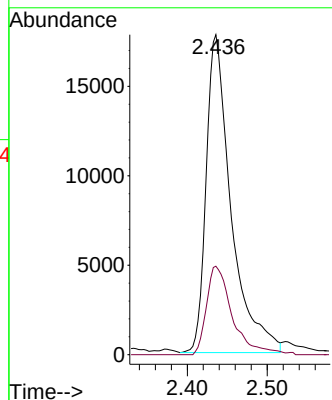
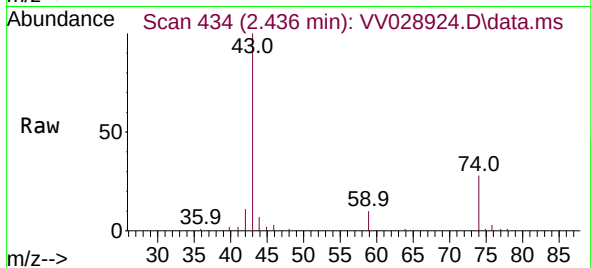




#15
Methyl Acetate
Concen: 7.341 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV028924.D
Acq: 12 Nov 2022 11:35

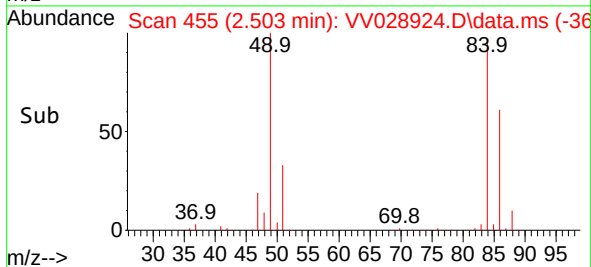
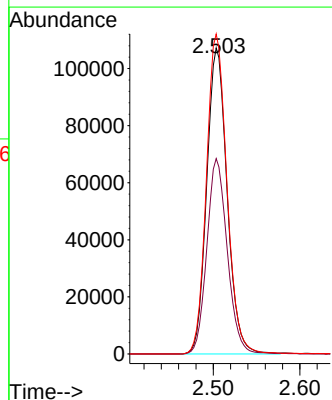
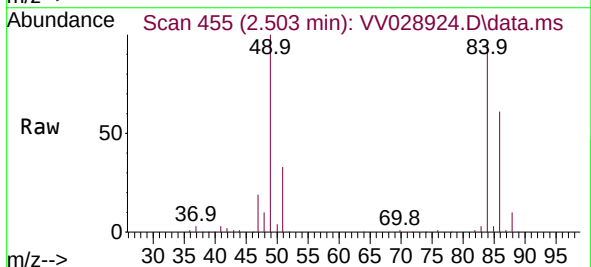
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

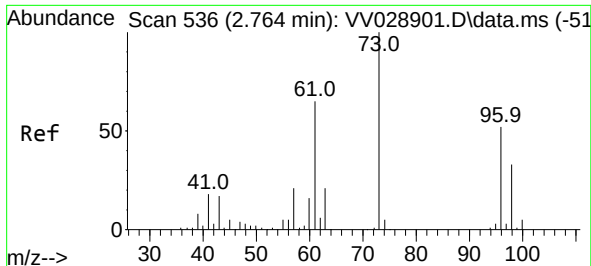
Tgt Ion: 43 Resp: 38552
Ion Ratio Lower Upper
43 100
74 28.7 24.6 37.0



#16
Methylene chloride
Concen: 6.802 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV028924.D
Acq: 12 Nov 2022 11:35

Tgt Ion: 84 Resp: 175498
Ion Ratio Lower Upper
84 100
86 63.8 45.8 85.0
49 104.5 75.5 140.1





#17

Methyl tert-butyl Ether

Concen: 5.468 ug/L

RT: 2.764 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV028924.D

Acq: 12 Nov 2022 11:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD005343

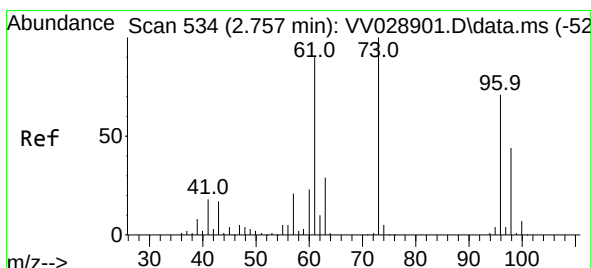
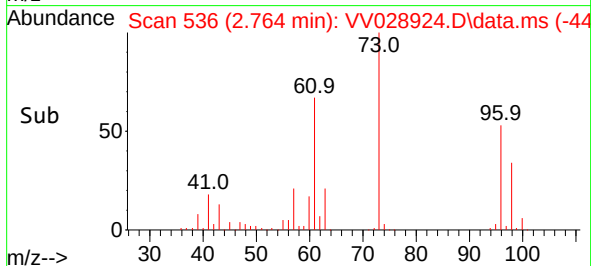
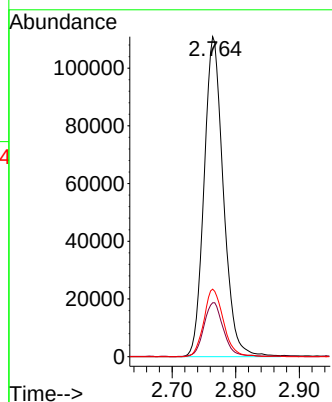
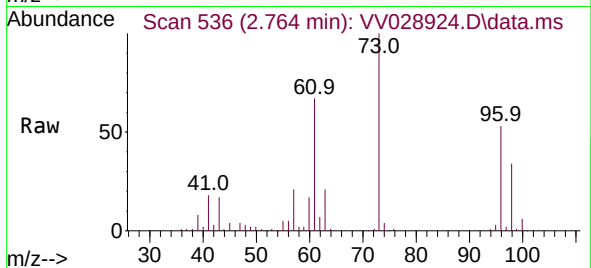
Tgt Ion: 73 Resp: 233939

Ion Ratio Lower Upper

73 100

43 17.2 13.0 19.4

57 21.4 16.6 24.8



#18

trans-1,2-Dichloroethene

Concen: 5.232 ug/L

RT: 2.757 min Scan# 534

Delta R.T. -0.000 min

Lab File: VV028924.D

Acq: 12 Nov 2022 11:35

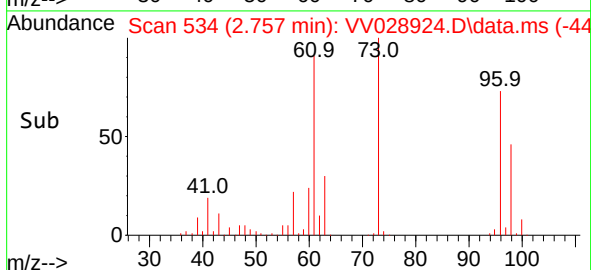
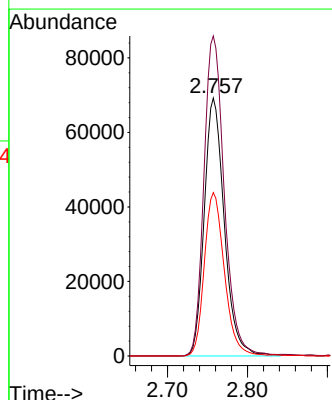
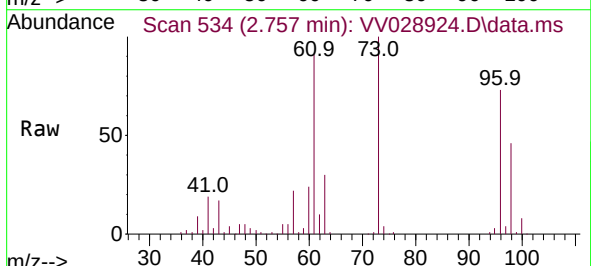
Tgt Ion: 96 Resp: 121090

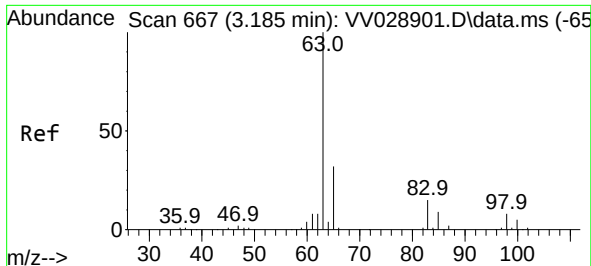
Ion Ratio Lower Upper

96 100

61 124.1 91.8 170.6

98 63.3 46.4 86.2





#19

1,1-Dichloroethane

Concen: 5.263 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV028924.D

Acq: 12 Nov 2022 11:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD005343

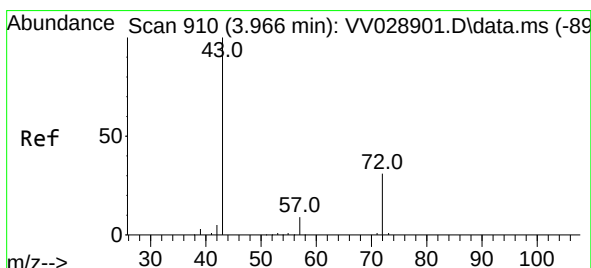
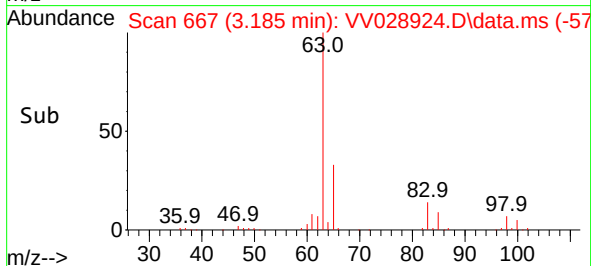
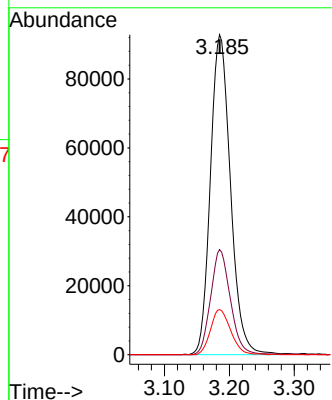
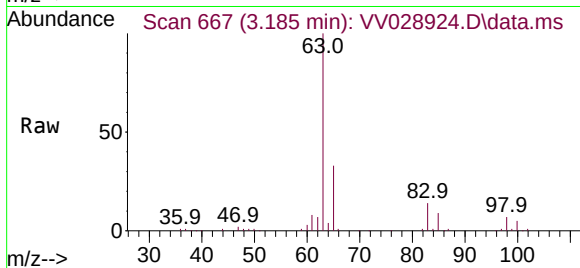
Tgt Ion: 63 Resp: 199110

Ion Ratio Lower Upper

63 100

65 32.9 23.0 42.6

83 14.1 9.4 17.6



#21

2-Butanone

Concen: 59.287 ug/L

RT: 3.973 min Scan# 912

Delta R.T. 0.006 min

Lab File: VV028924.D

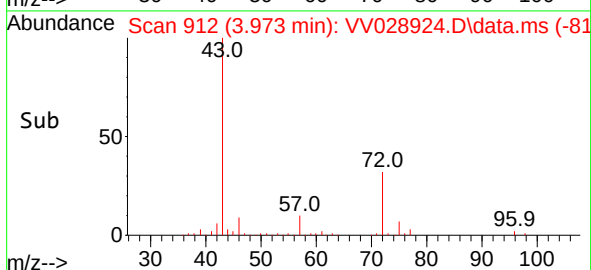
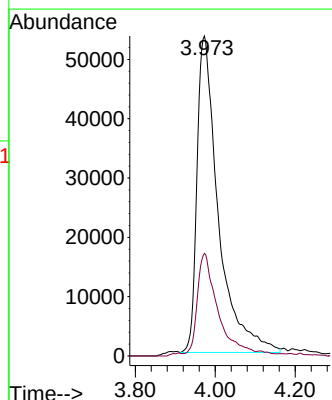
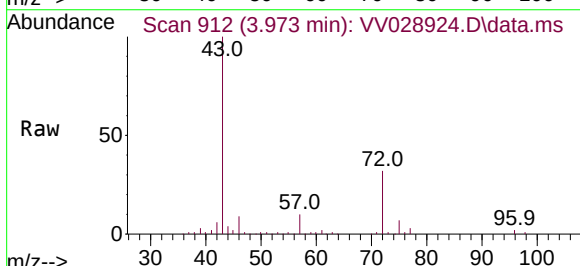
Acq: 12 Nov 2022 11:35

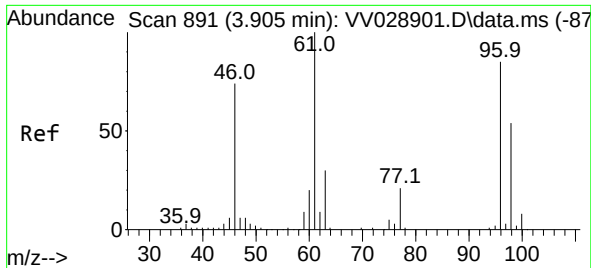
Tgt Ion: 43 Resp: 198623

Ion Ratio Lower Upper

43 100

72 29.6 11.9 35.9

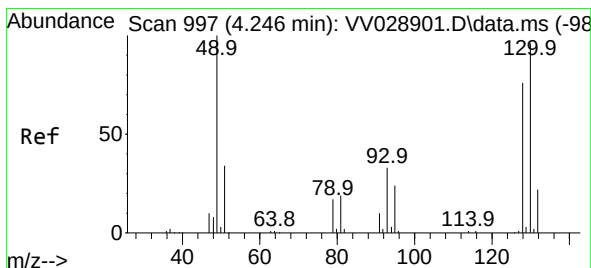
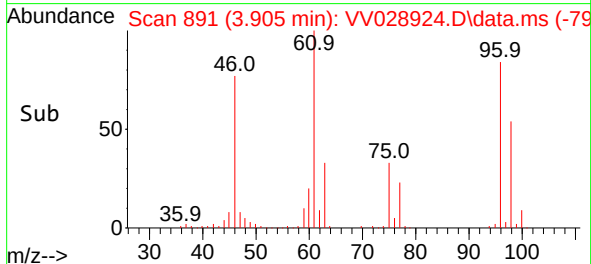
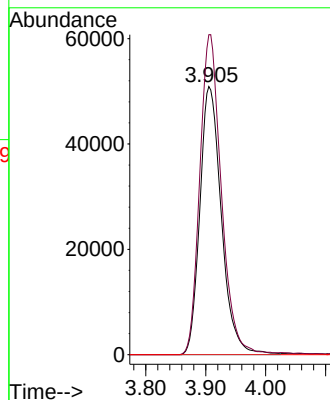
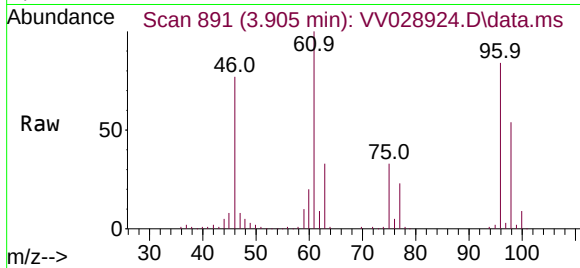




#22
 cis-1,2-Dichloroethene
 Concen: 5.410 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.000 min
 Lab File: VV028924.D
 Acq: 12 Nov 2022 11:35

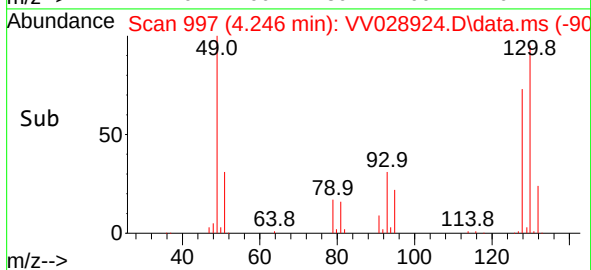
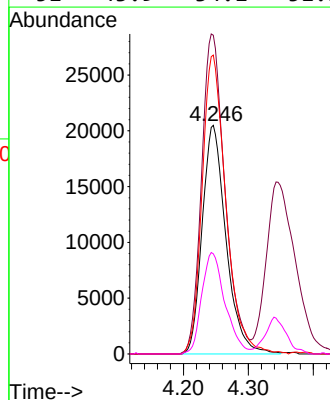
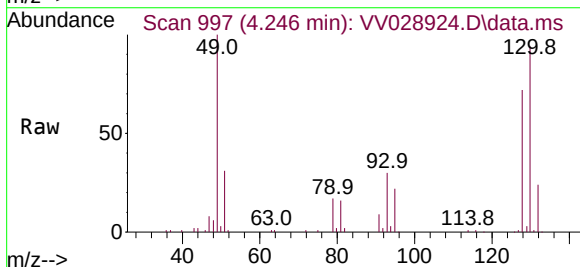
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005343

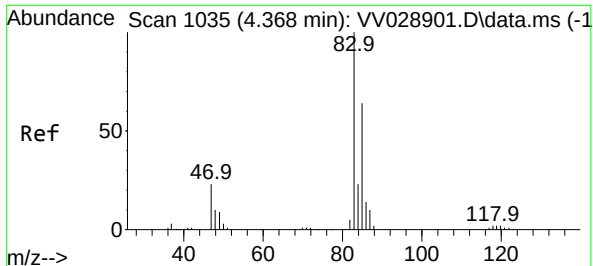
Tgt Ion: 96 Resp: 127291
 Ion Ratio Lower Upper
 96 100
 61 119.3 82.3 152.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.253 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VV028924.D
 Acq: 12 Nov 2022 11:35

Tgt Ion: 128 Resp: 52267
 Ion Ratio Lower Upper
 128 100
 49 139.4 89.5 166.1
 130 130.7 84.4 156.8
 51 43.9 34.1 51.1





#25

Chloroform

Concen: 5.161 ug/L

RT: 4.371 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV028924.D

Acq: 12 Nov 2022 11:35

Instrument :

MSVOA_V

ClientSampleId :

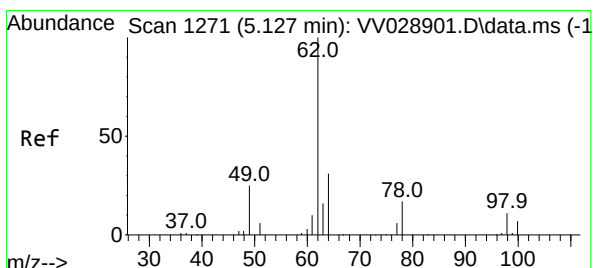
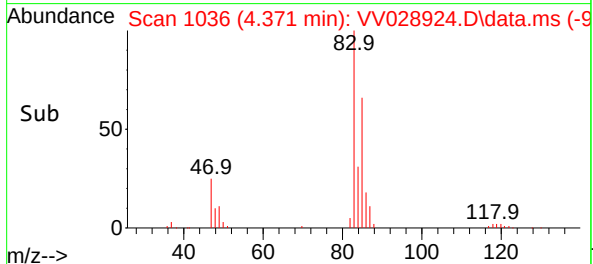
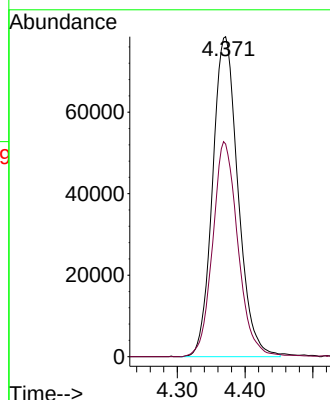
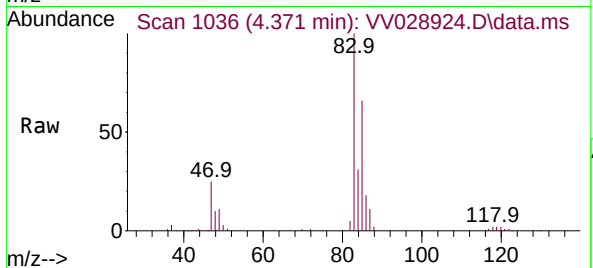
VSTD005343

Tgt Ion: 83 Resp: 204707

Ion Ratio Lower Upper

83 100

85 66.4 43.7 81.1



#27

1,2-Dichloroethane

Concen: 5.433 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV028924.D

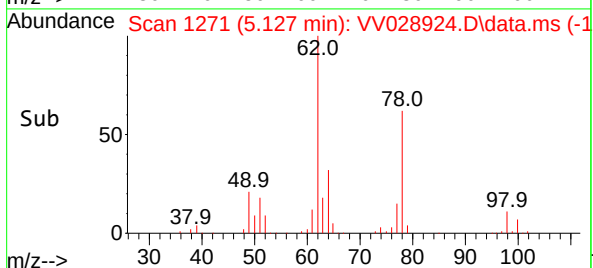
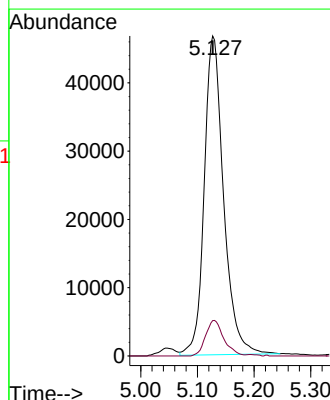
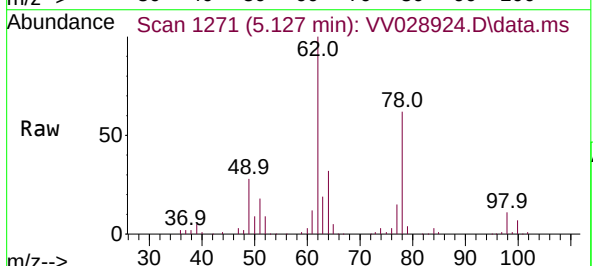
Acq: 12 Nov 2022 11:35

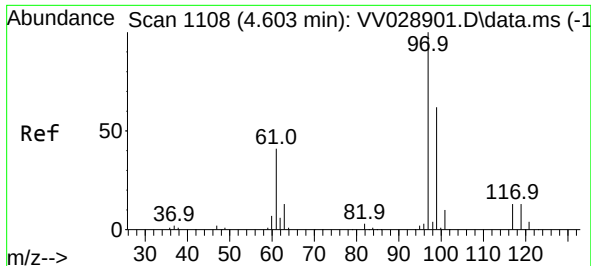
Tgt Ion: 62 Resp: 110985

Ion Ratio Lower Upper

62 100

98 11.0 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 5.112 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV028924.D

Acq: 12 Nov 2022 11:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD005343

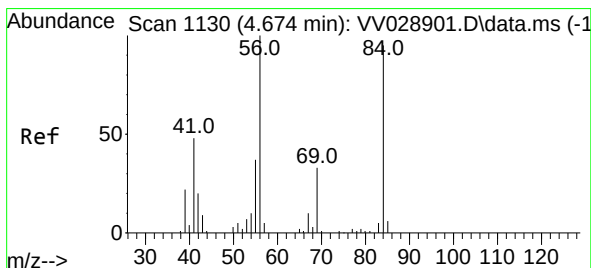
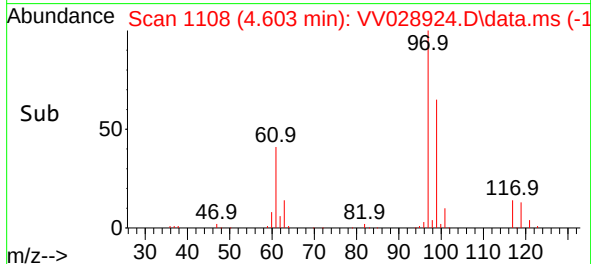
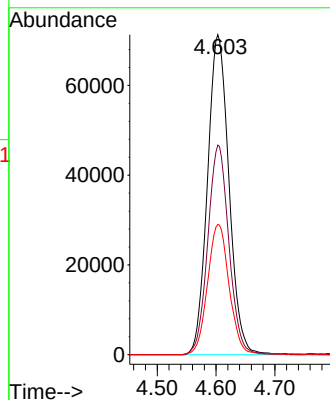
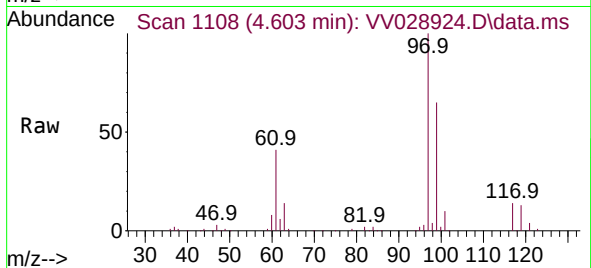
Tgt Ion: 97 Resp: 180926

Ion Ratio Lower Upper

97 100

99 64.3 52.7 79.1

61 40.9 33.8 50.6



#30

Cyclohexane

Concen: 5.200 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VV028924.D

Acq: 12 Nov 2022 11:35

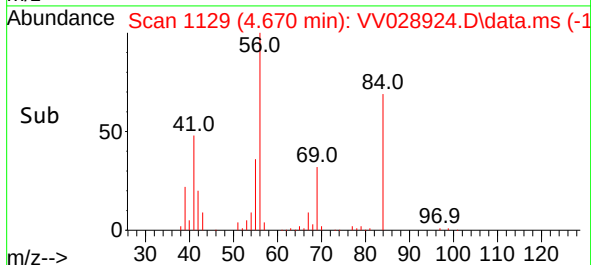
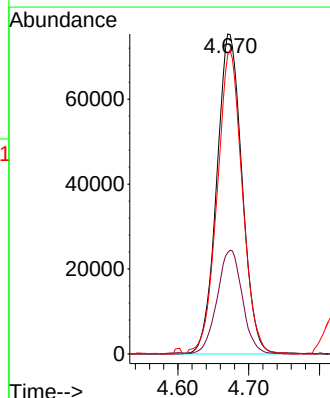
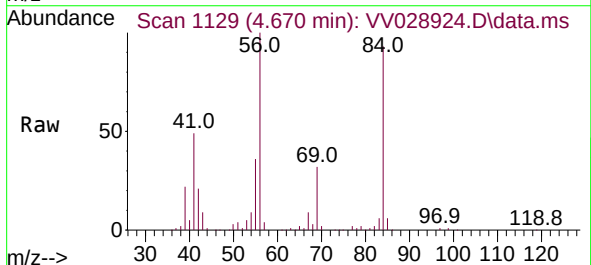
Tgt Ion: 56 Resp: 187035

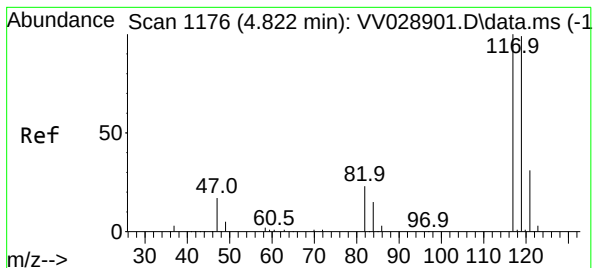
Ion Ratio Lower Upper

56 100

69 32.3 26.1 39.1

84 94.2 77.9 116.9





#31

Carbon tetrachloride

Concen: 4.862 ug/L

RT: 4.825 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VV028924.D

Acq: 12 Nov 2022 11:35

Instrument :

MSVOA_V

ClientSampleId :

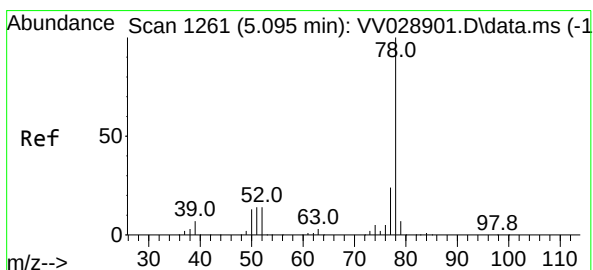
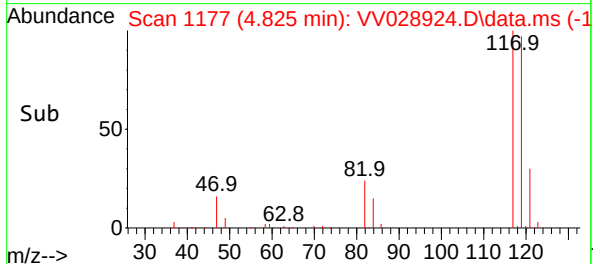
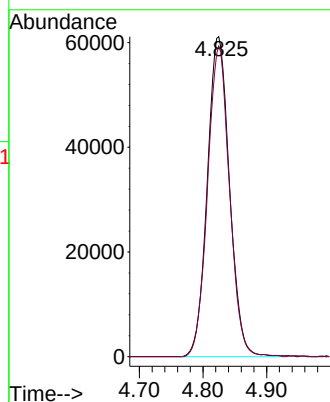
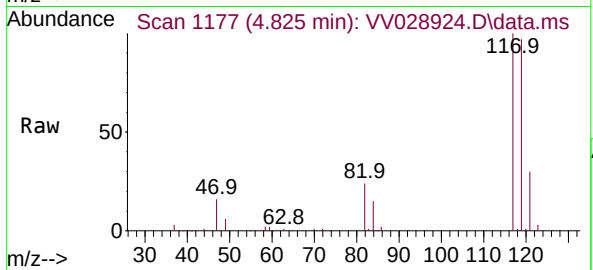
VSTD005343

Tgt Ion:117 Resp: 148179

Ion Ratio Lower Upper

117 100

119 96.0 77.0 115.6



#33

Benzene

Concen: 5.145 ug/L

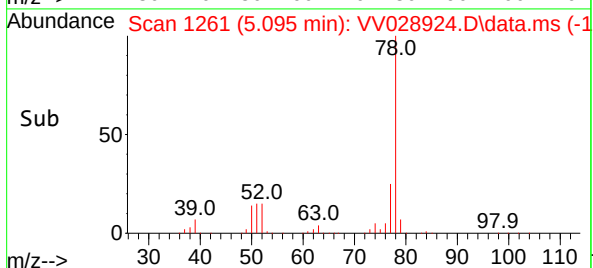
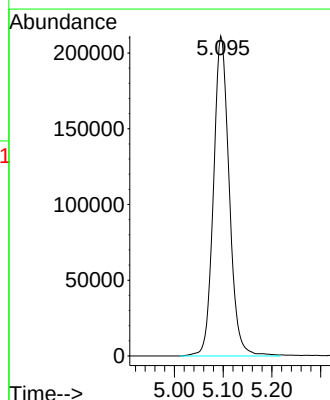
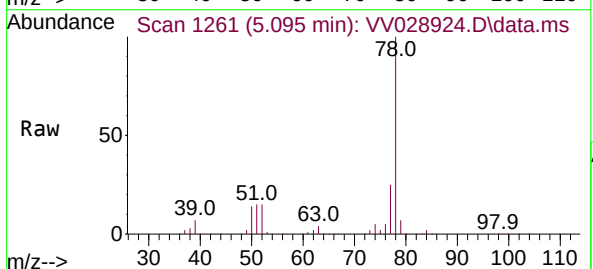
RT: 5.095 min Scan# 1261

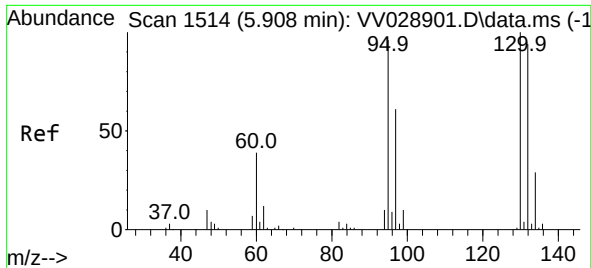
Delta R.T. -0.000 min

Lab File: VV028924.D

Acq: 12 Nov 2022 11:35

Tgt Ion: 78 Resp: 474190

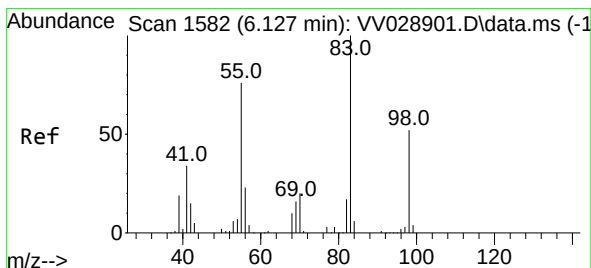
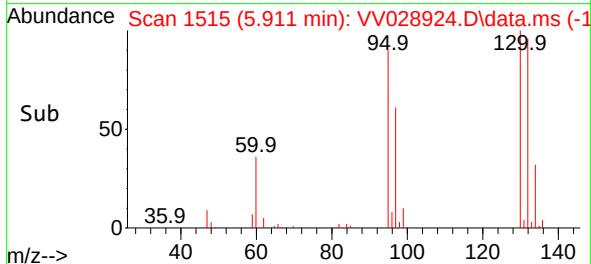
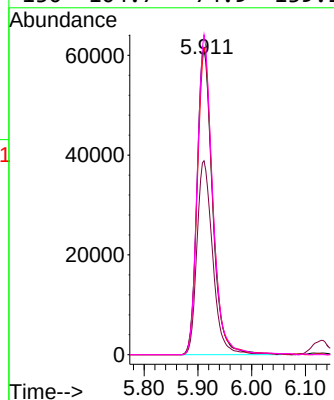
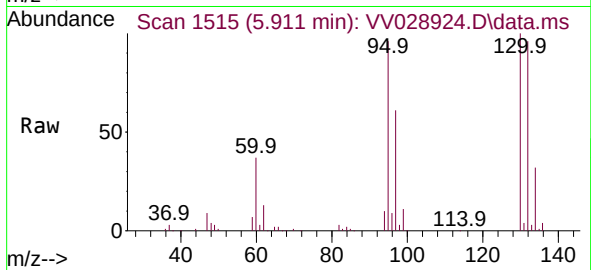




#34
Trichloroethene
Concen: 5.217 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV028924.D
Acq: 12 Nov 2022 11:35

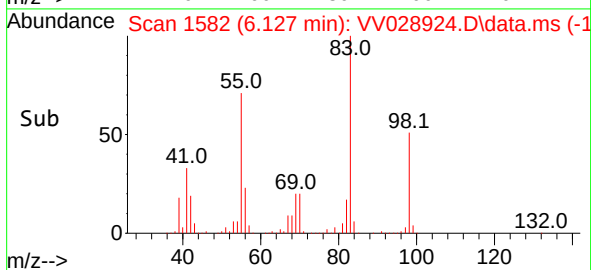
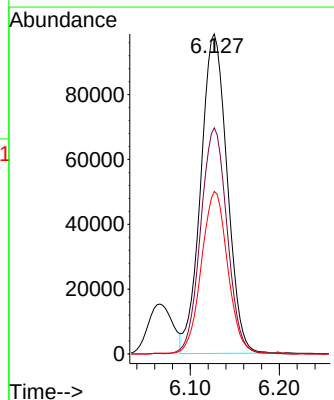
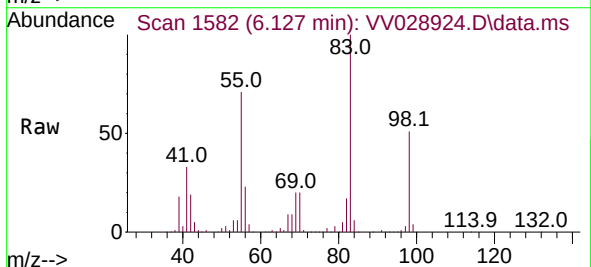
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

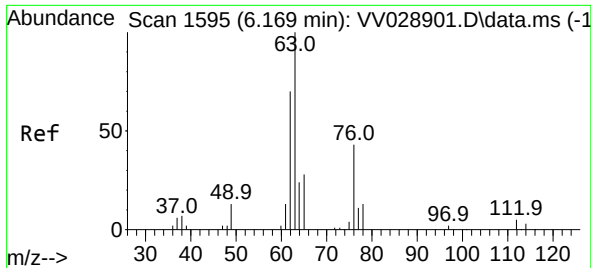
Tgt Ion: 95 Resp: 123085
Ion Ratio Lower Upper
95 100
97 63.5 45.6 84.8
132 100.3 69.1 128.3
130 104.7 74.9 139.1



#35
Methylcyclohexane
Concen: 4.894 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV028924.D
Acq: 12 Nov 2022 11:35

Tgt Ion: 83 Resp: 202923
Ion Ratio Lower Upper
83 100
55 71.1 55.8 83.6
98 50.2 38.2 57.2





#37

1,2-Dichloropropane

Concen: 5.115 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028924.D

Acq: 12 Nov 2022 11:35

Instrument :

MSVOA_V

ClientSampleId :

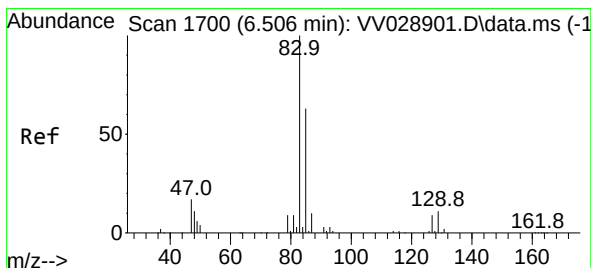
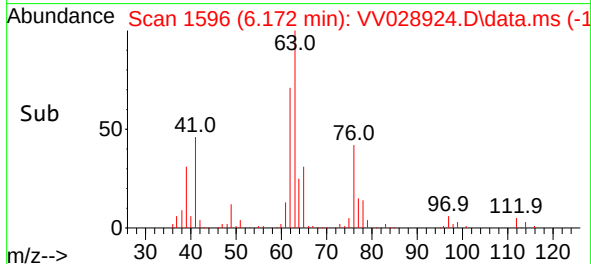
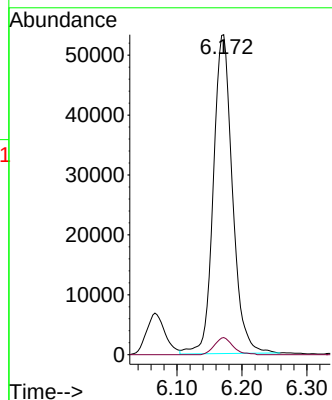
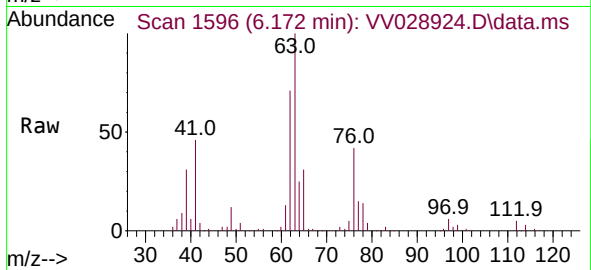
VSTD005343

Tgt Ion: 63 Resp: 108699

Ion Ratio Lower Upper

63 100

112 5.2 4.0 6.0



#38

Bromodichloromethane

Concen: 4.869 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV028924.D

Acq: 12 Nov 2022 11:35

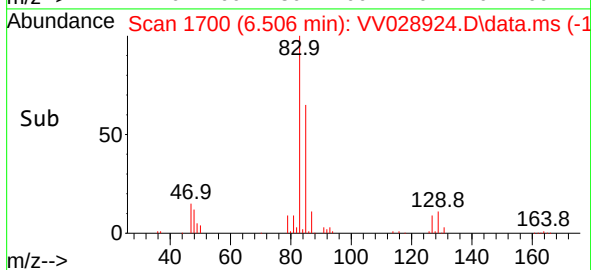
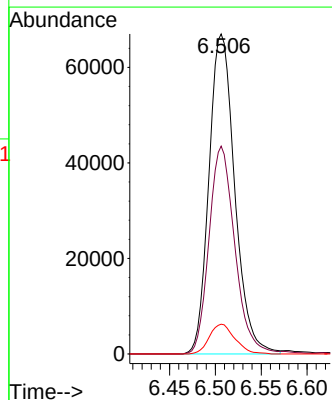
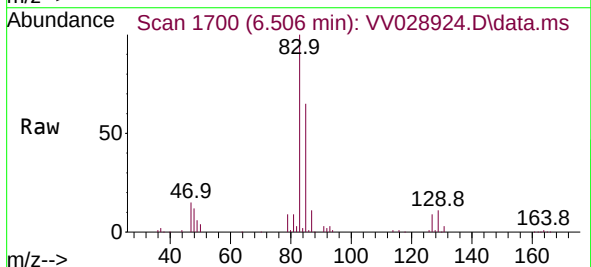
Tgt Ion: 83 Resp: 131060

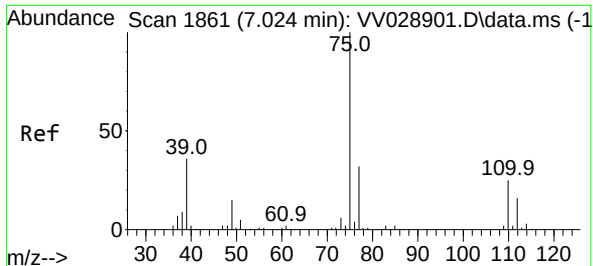
Ion Ratio Lower Upper

83 100

85 65.0 46.1 85.5

127 9.3 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.744 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV028924.D

Acq: 12 Nov 2022 11:35

Instrument :

MSVOA_V

ClientSampleId :

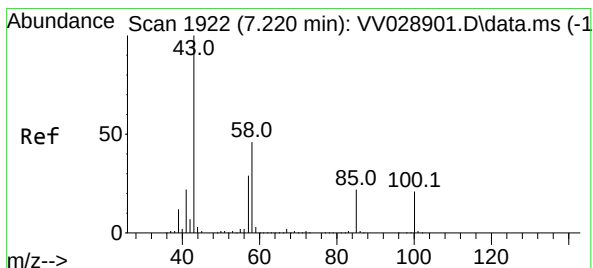
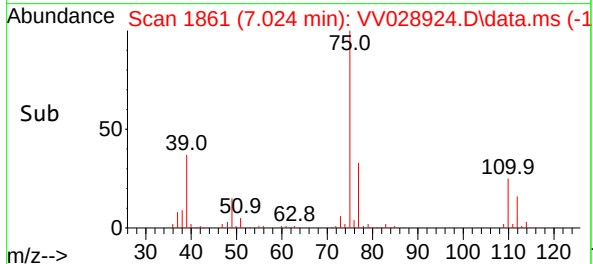
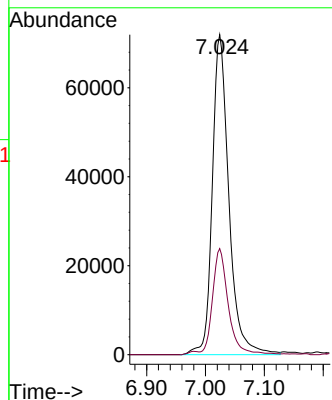
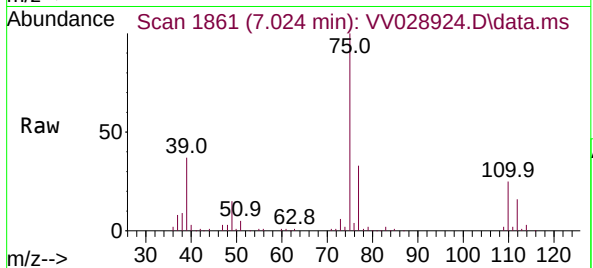
VSTD005343

Tgt Ion: 75 Resp: 140765

Ion Ratio Lower Upper

75 100

77 33.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 54.325 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV028924.D

Acq: 12 Nov 2022 11:35

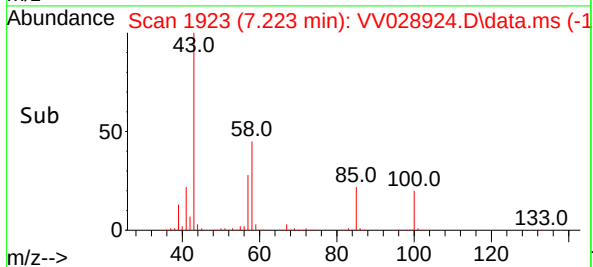
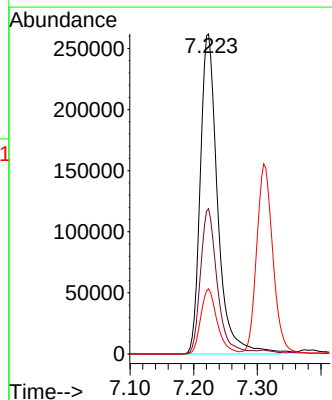
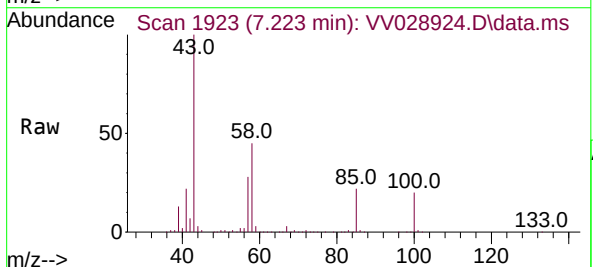
Tgt Ion: 43 Resp: 496727

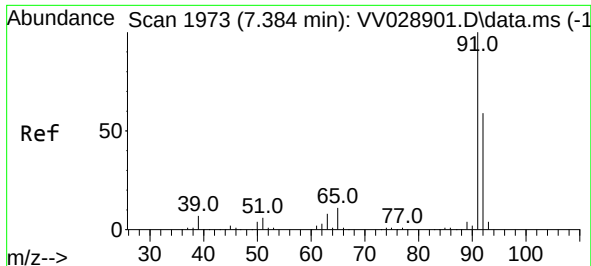
Ion Ratio Lower Upper

43 100

58 44.1 36.6 55.0

100 19.3 14.5 21.7





#42

Toluene

Concen: 5.196 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV028924.D

Acq: 12 Nov 2022 11:35

Instrument :

MSVOA_V

ClientSampleId :

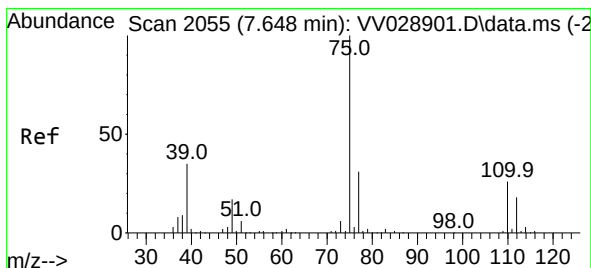
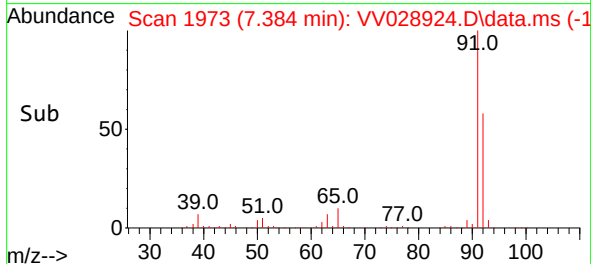
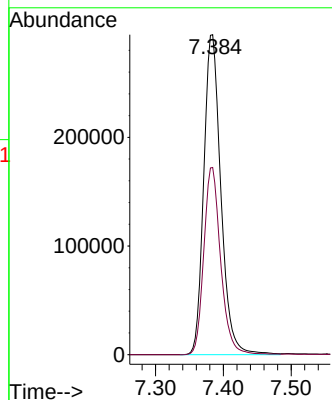
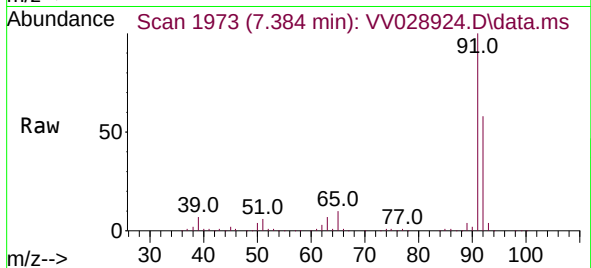
VSTD005343

Tgt Ion: 91 Resp: 517353

Ion Ratio Lower Upper

91 100

92 58.5 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 4.732 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV028924.D

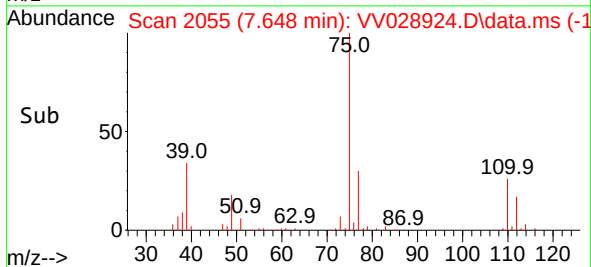
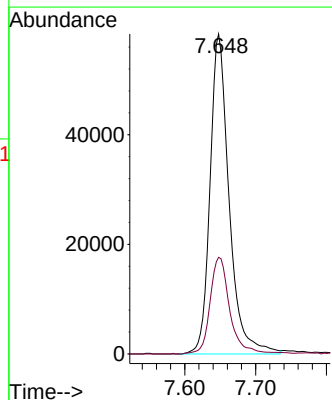
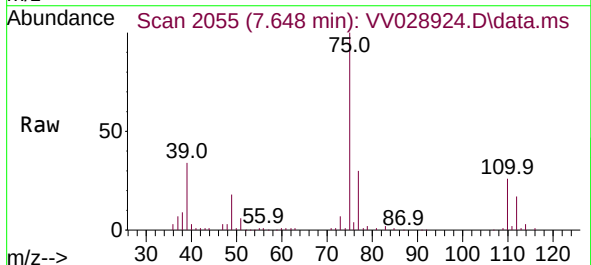
Acq: 12 Nov 2022 11:35

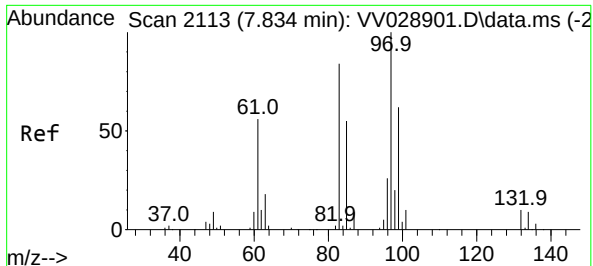
Tgt Ion: 75 Resp: 108985

Ion Ratio Lower Upper

75 100

77 30.2 22.2 41.2

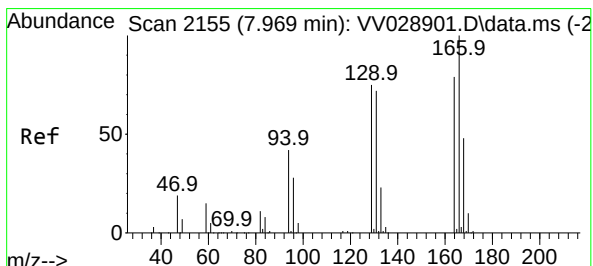
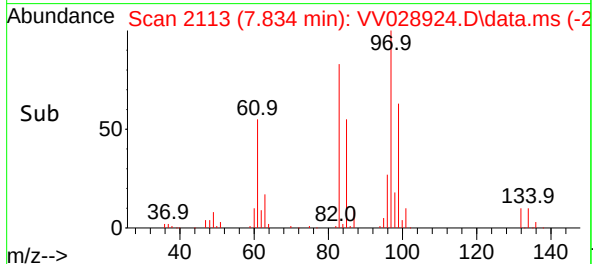
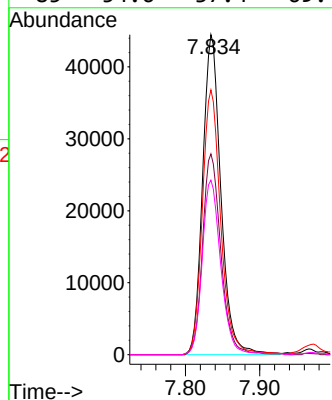
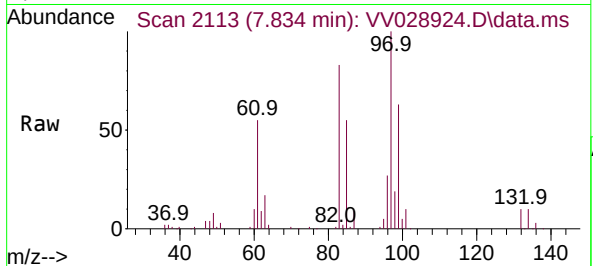




#45
1,1,2-Trichloroethane
Concen: 5.475 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV028924.D
Acq: 12 Nov 2022 11:35

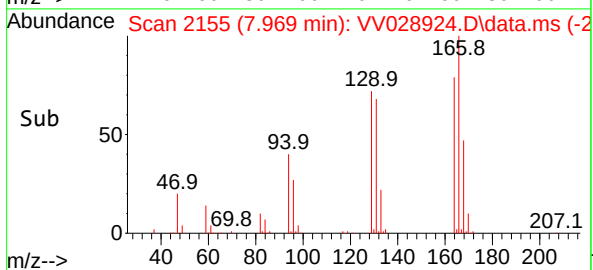
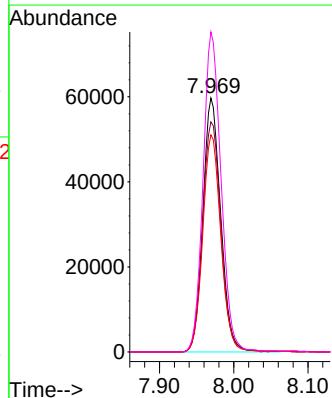
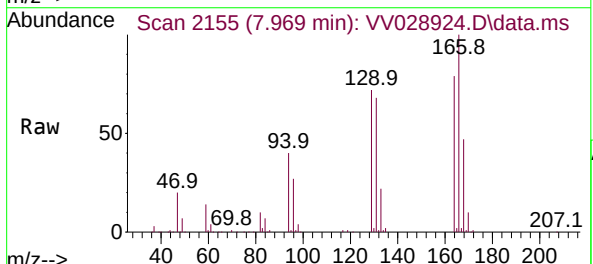
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

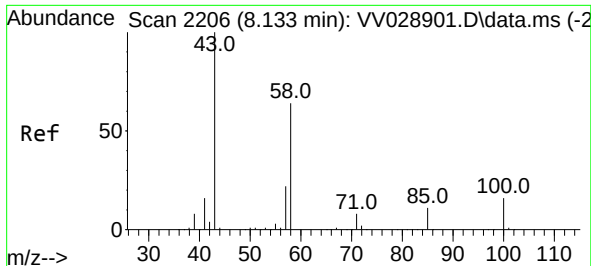
Tgt Ion:	97	Resp:	76173
Ion	Ratio	Lower	Upper
97	100		
99	62.8	41.5	77.1
83	82.7	60.0	111.4
85	54.6	37.4	69.4



#47
Tetrachloroethene
Concen: 5.281 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VV028924.D
Acq: 12 Nov 2022 11:35

Tgt Ion:	164	Resp:	99778
Ion	Ratio	Lower	Upper
164	100		
129	90.6	63.9	118.7
131	85.5	61.8	114.8
166	126.0	90.2	167.4

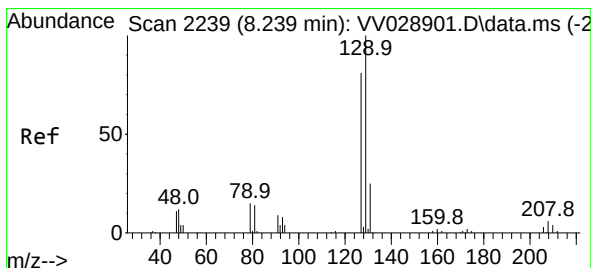
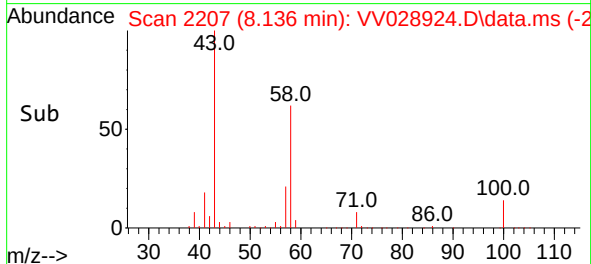
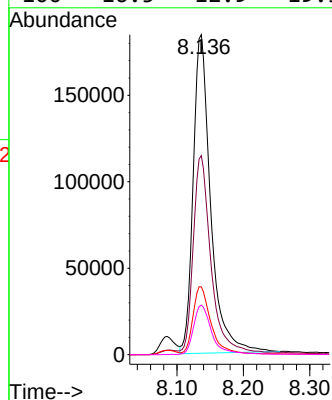
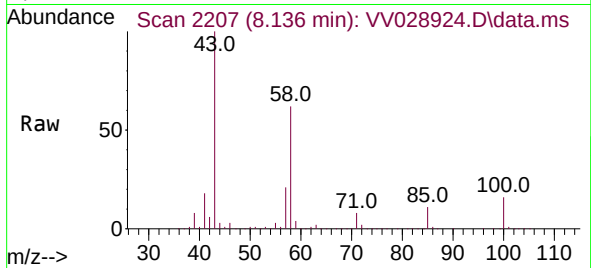




#48
2-Hexanone
Concen: 52.666 ug/L
RT: 8.136 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028924.D
Acq: 12 Nov 2022 11:35

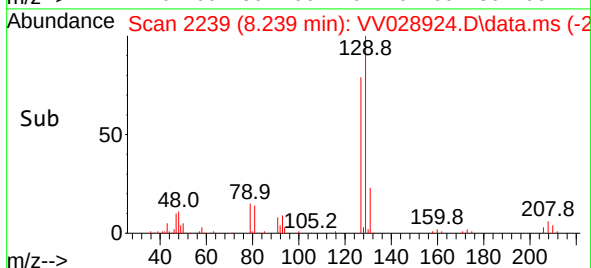
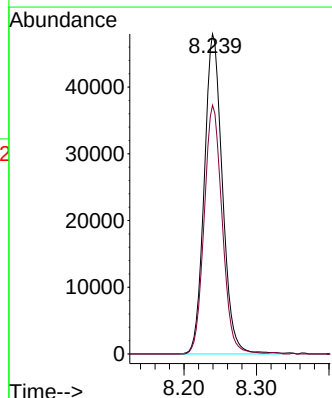
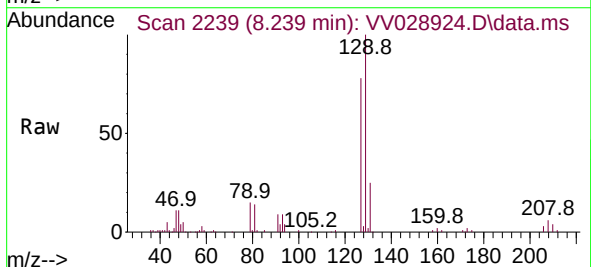
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

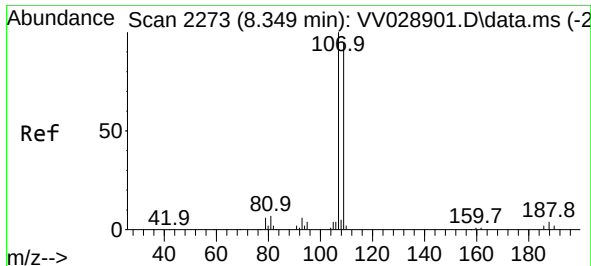
Tgt Ion: 43 Resp: 337328
Ion Ratio Lower Upper
43 100
58 62.3 50.2 75.4
57 21.6 17.8 26.8
100 16.5 12.9 19.3



#49
Dibromochloromethane
Concen: 4.949 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VV028924.D
Acq: 12 Nov 2022 11:35

Tgt Ion: 129 Resp: 83240
Ion Ratio Lower Upper
129 100
127 77.7 54.5 101.1





#50

1,2-Dibromoethane

Concen: 5.339 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV028924.D

Acq: 12 Nov 2022 11:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD005343

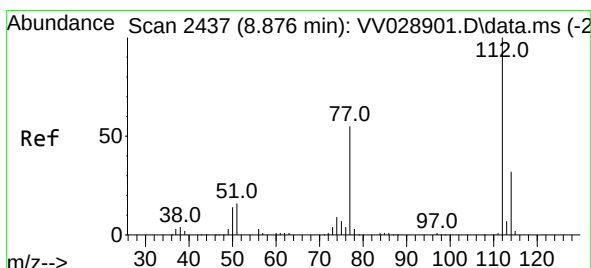
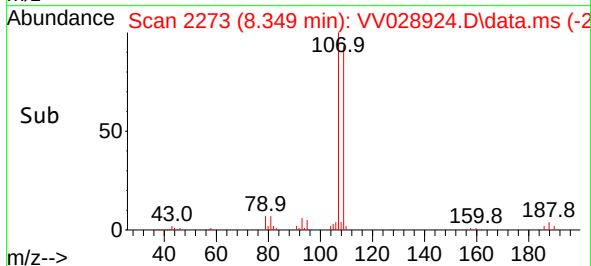
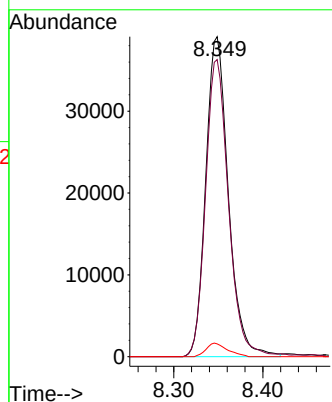
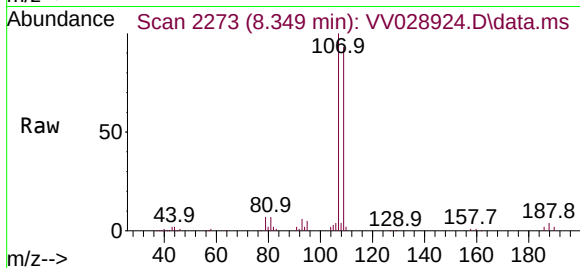
Tgt Ion:107 Resp: 69006

Ion Ratio Lower Upper

107 100

109 92.9 64.4 119.6

188 4.0 2.9 4.3



#51

Chlorobenzene

Concen: 5.310 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.000 min

Lab File: VV028924.D

Acq: 12 Nov 2022 11:35

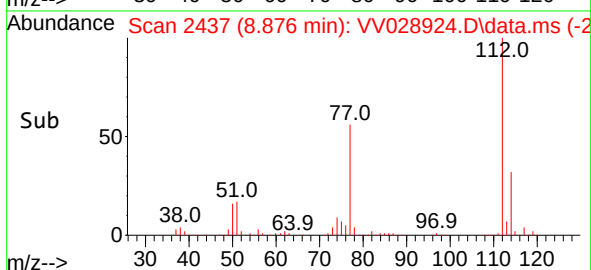
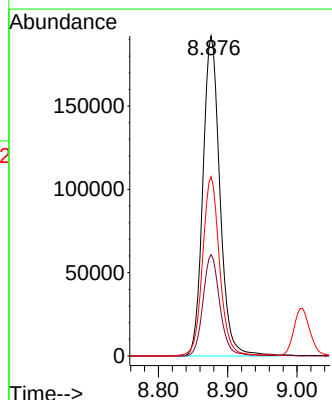
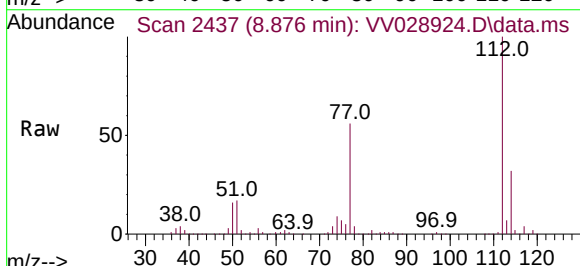
Tgt Ion:112 Resp: 326883

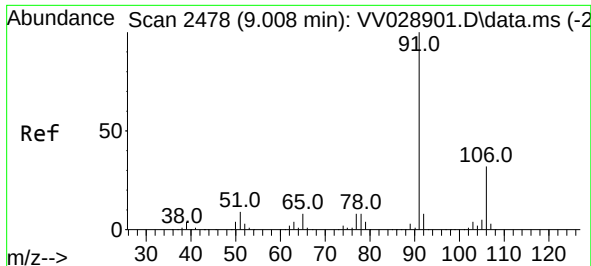
Ion Ratio Lower Upper

112 100

114 31.7 22.4 41.6

77 56.0 44.4 66.6

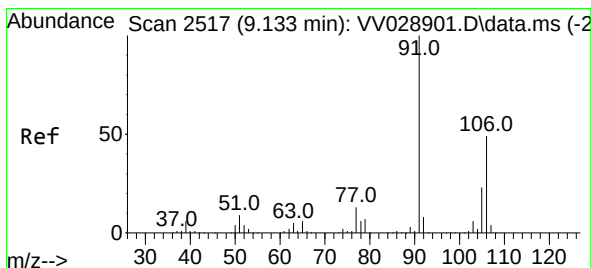
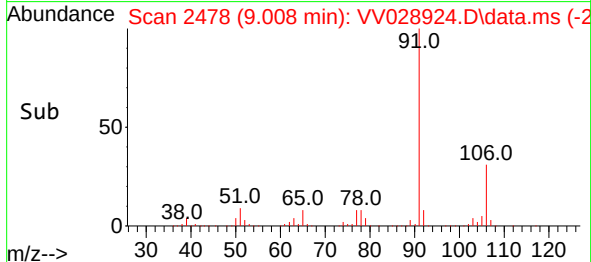
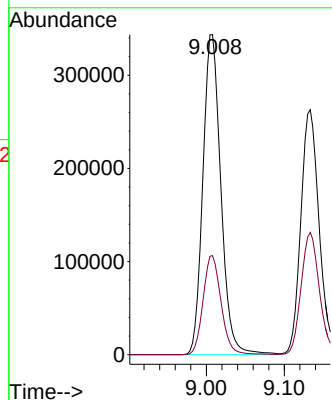
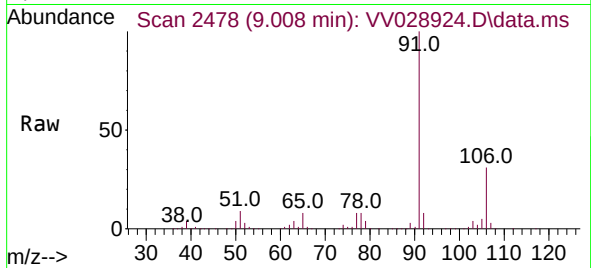




#52
Ethylbenzene
Concen: 5.327 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV028924.D
Acq: 12 Nov 2022 11:35

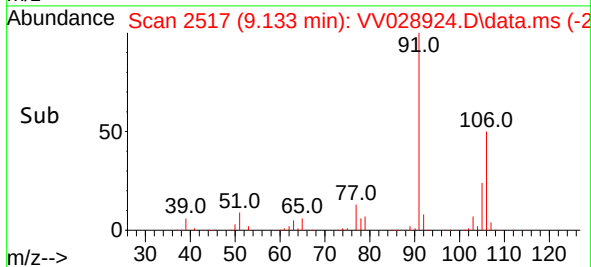
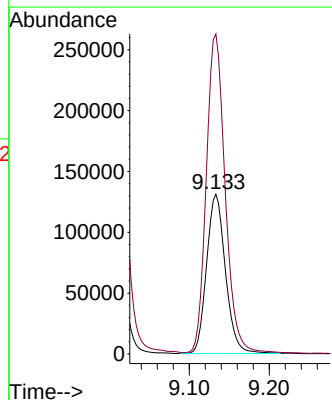
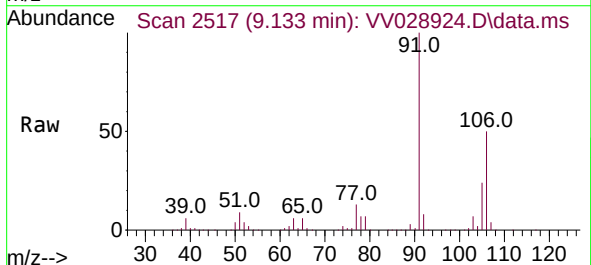
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

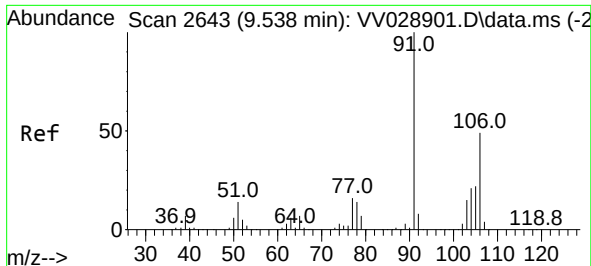
Tgt Ion: 91 Resp: 552166
Ion Ratio Lower Upper
91 100
106 31.0 21.6 40.2



#53
m,p-Xylene
Concen: 5.223 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.000 min
Lab File: VV028924.D
Acq: 12 Nov 2022 11:35

Tgt Ion: 106 Resp: 215303
Ion Ratio Lower Upper
106 100
91 200.4 139.1 258.3

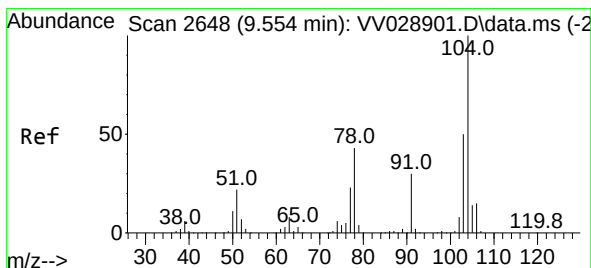
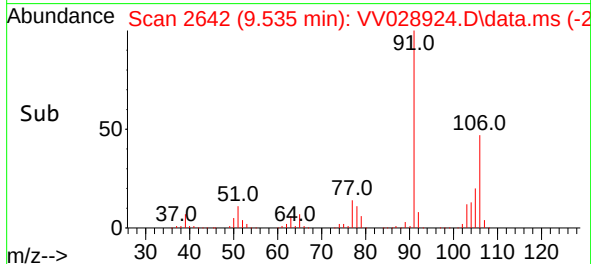
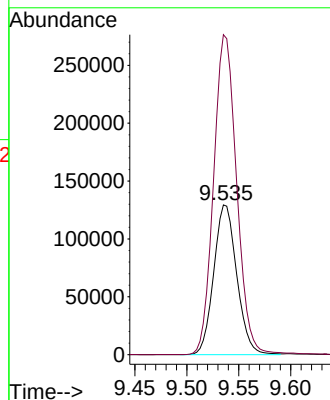
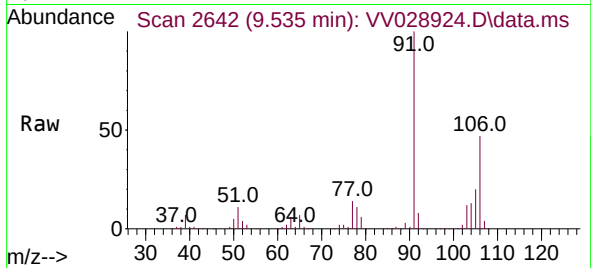




#54
o-Xylene
Concen: 5.094 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.003 min
Lab File: VV028924.D
Acq: 12 Nov 2022 11:35

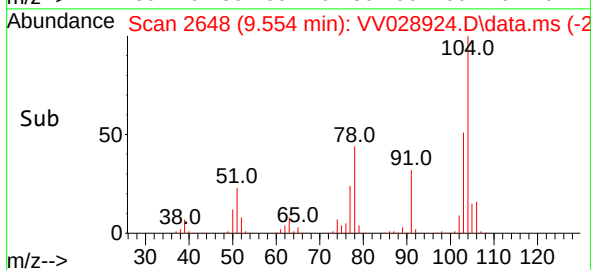
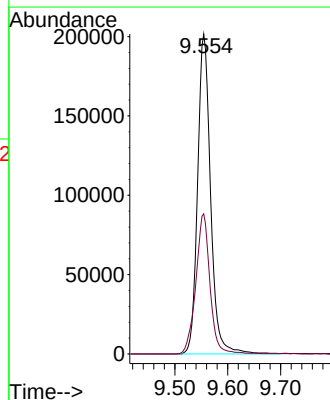
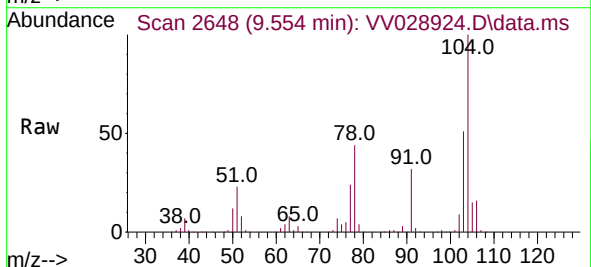
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

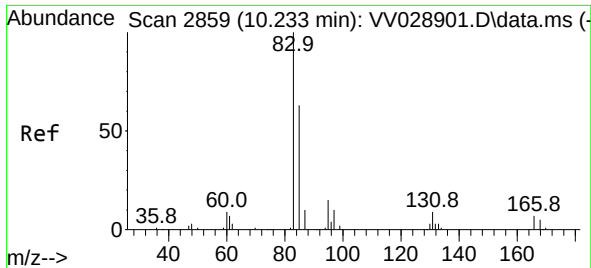
Tgt Ion:106 Resp: 199624
Ion Ratio Lower Upper
106 100
91 213.6 145.7 270.7



#55
Styrene
Concen: 5.236 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. -0.000 min
Lab File: VV028924.D
Acq: 12 Nov 2022 11:35

Tgt Ion:104 Resp: 344137
Ion Ratio Lower Upper
104 100
78 43.8 30.1 55.9

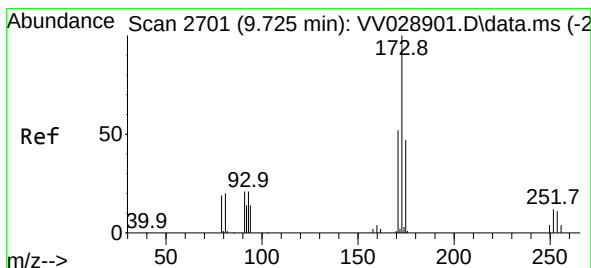
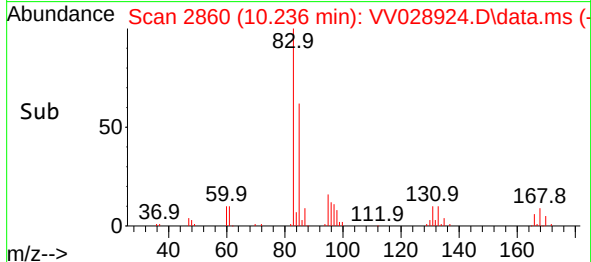
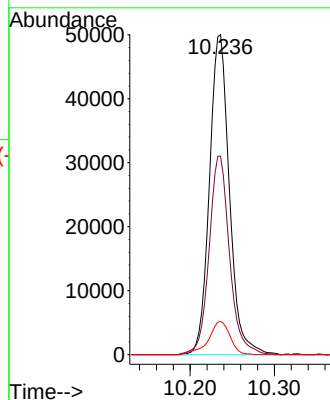
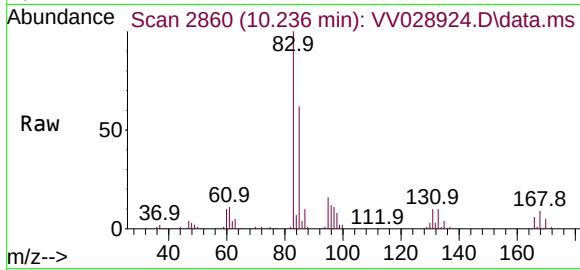




#57
1,1,2,2-Tetrachloroethane
Concen: 5.081 ug/L
RT: 10.236 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VV028924.D
Acq: 12 Nov 2022 11:35

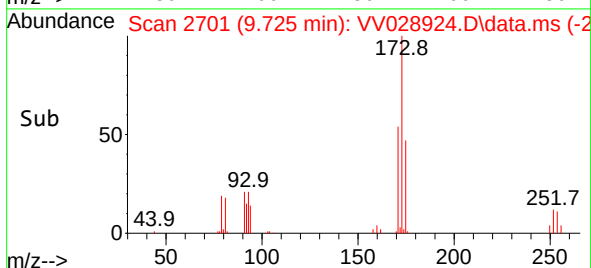
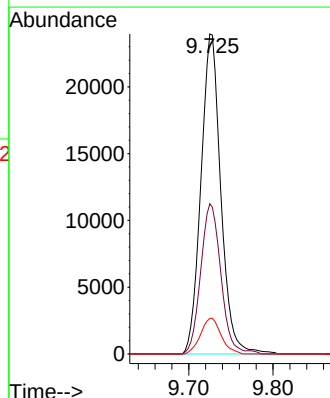
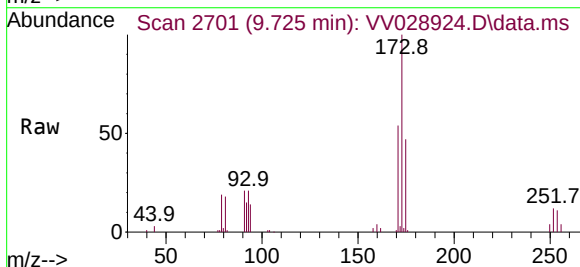
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

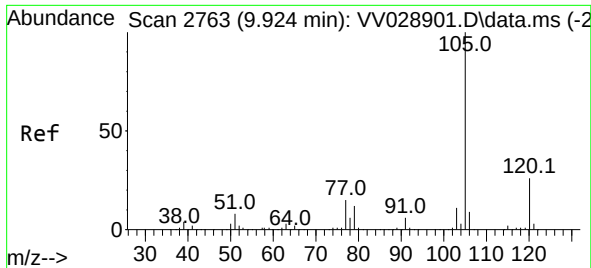
Tgt Ion: 83 Resp: 82385
Ion Ratio Lower Upper
83 100
85 62.0 45.2 84.0
131 10.4 7.5 11.3



#59
Bromoform
Concen: 4.736 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. -0.000 min
Lab File: VV028924.D
Acq: 12 Nov 2022 11:35

Tgt Ion: 173 Resp: 39343
Ion Ratio Lower Upper
173 100
175 47.7 38.2 57.4
254 11.6 8.5 12.7

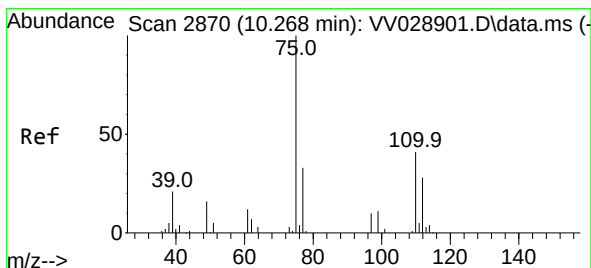
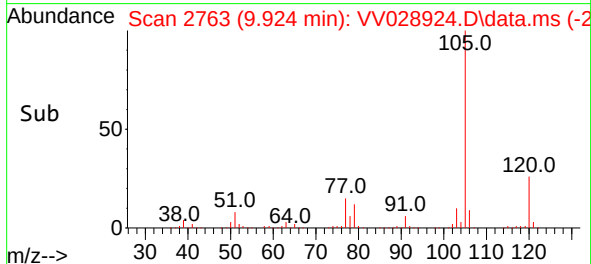
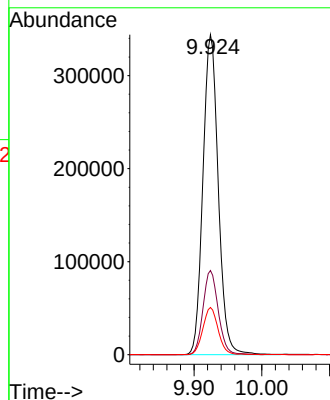
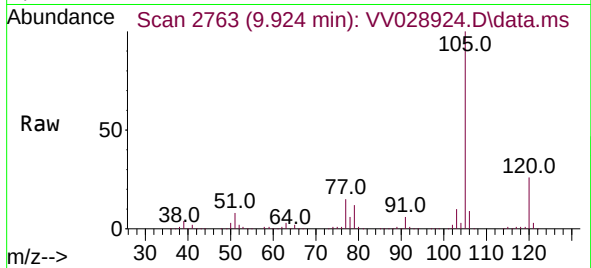




#60
Isopropylbenzene
Concen: 5.462 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. -0.000 min
Lab File: VV028924.D
Acq: 12 Nov 2022 11:35

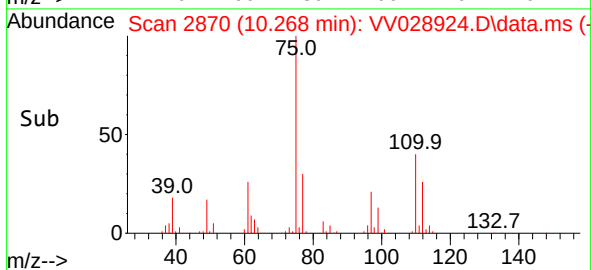
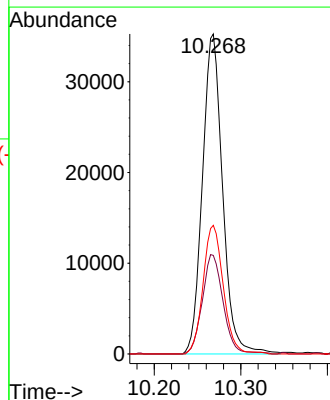
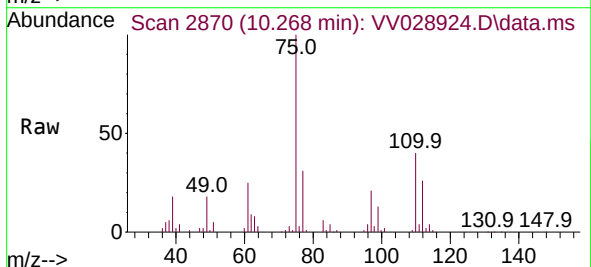
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

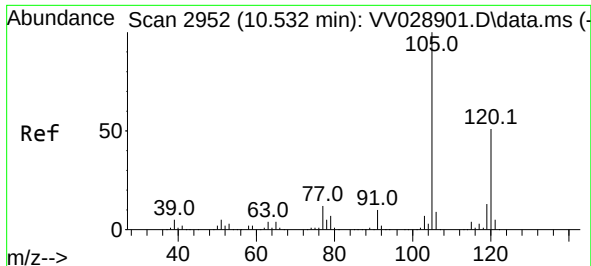
Tgt Ion:105 Resp: 540224
Ion Ratio Lower Upper
105 100
120 26.2 21.3 31.9
77 14.7 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.480 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.000 min
Lab File: VV028924.D
Acq: 12 Nov 2022 11:35

Tgt Ion: 75 Resp: 57068
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.2
110 40.4 32.6 48.8





#62

1,3,5-Trimethylbenzene

Concen: 5.386 ug/L

RT: 10.532 min Scan# 2952

Delta R.T. -0.000 min

Lab File: VV028924.D

Acq: 12 Nov 2022 11:35

Instrument :

MSVOA_V

ClientSampleId :

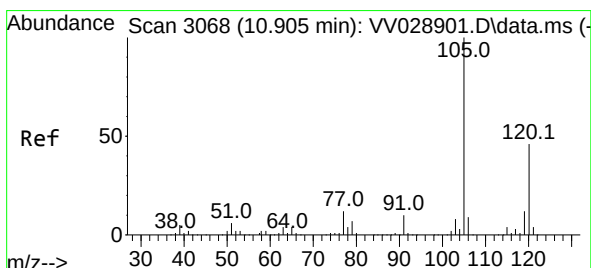
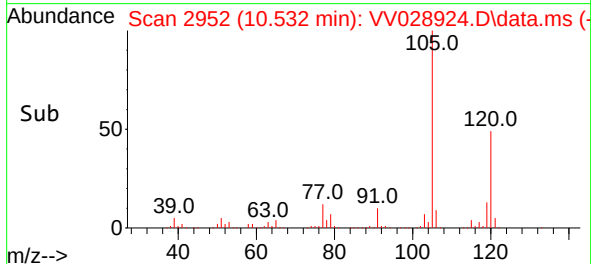
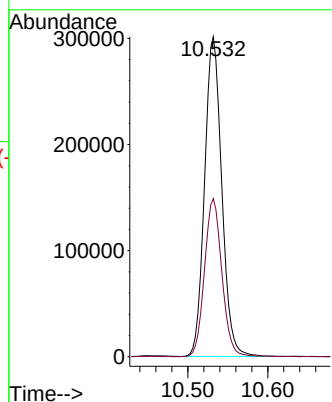
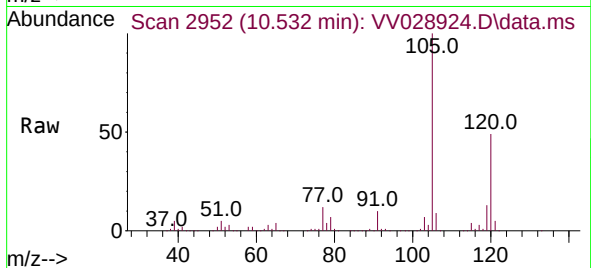
VSTD005343

Tgt Ion:105 Resp: 451276

Ion Ratio Lower Upper

105 100

120 50.1 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 5.424 ug/L

RT: 10.908 min Scan# 3069

Delta R.T. 0.003 min

Lab File: VV028924.D

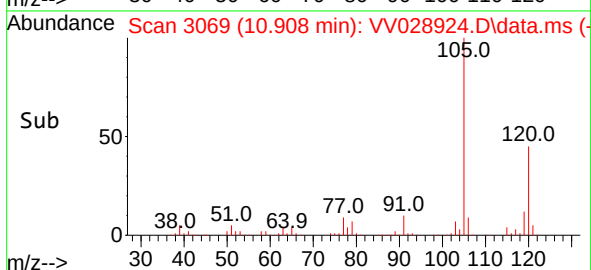
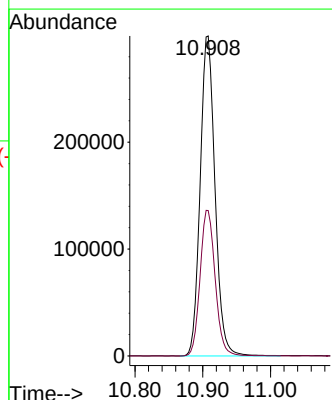
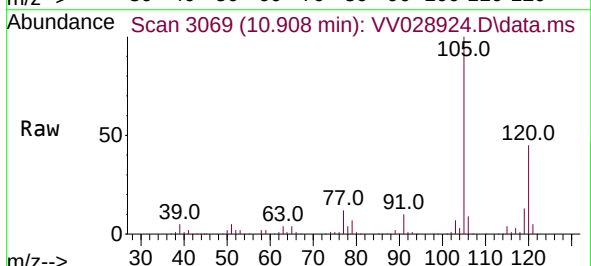
Acq: 12 Nov 2022 11:35

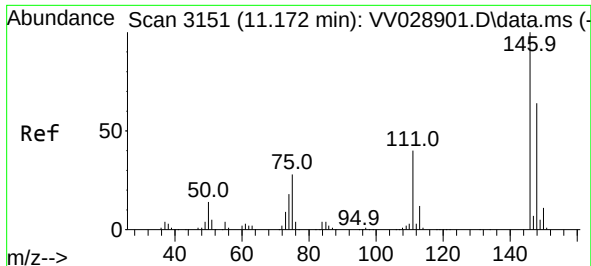
Tgt Ion:105 Resp: 455272

Ion Ratio Lower Upper

105 100

120 46.3 37.8 56.8

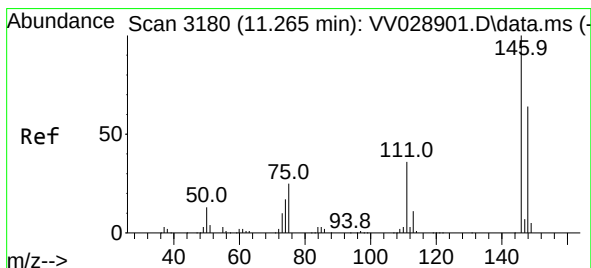
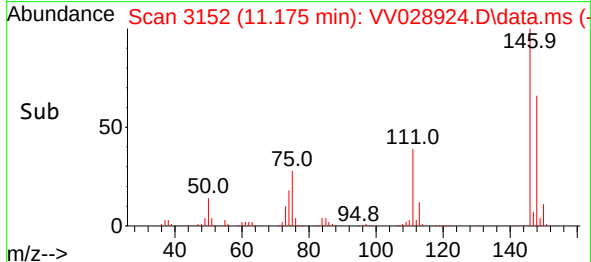
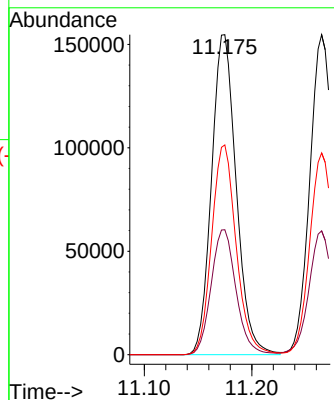
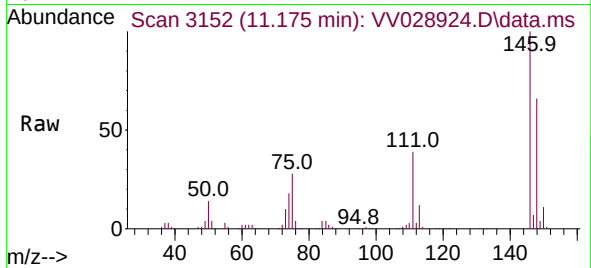




#64
1,3-Dichlorobenzene
Concen: 5.309 ug/L
RT: 11.175 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV028924.D
Acq: 12 Nov 2022 11:35

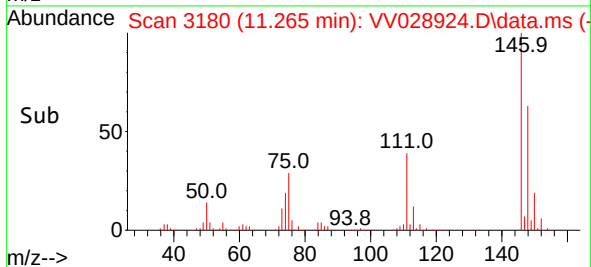
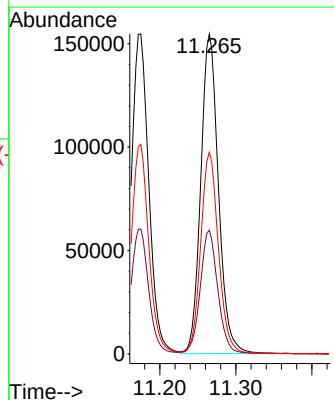
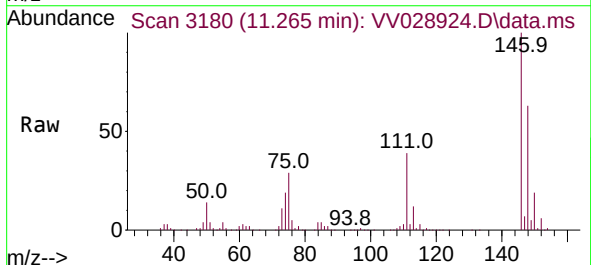
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

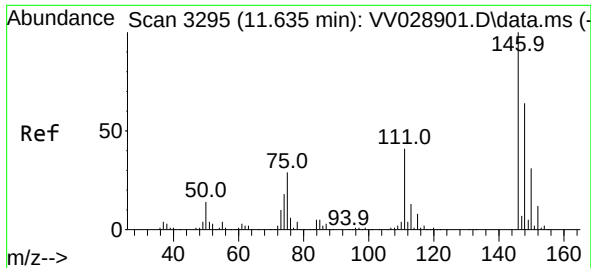
Tgt Ion:146 Resp: 246706
Ion Ratio Lower Upper
146 100
111 39.1 26.9 50.1
148 65.6 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.335 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VV028924.D
Acq: 12 Nov 2022 11:35

Tgt Ion:146 Resp: 249234
Ion Ratio Lower Upper
146 100
111 38.7 26.5 49.3
148 63.0 44.5 82.7

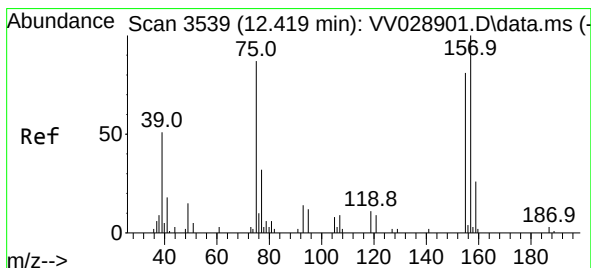
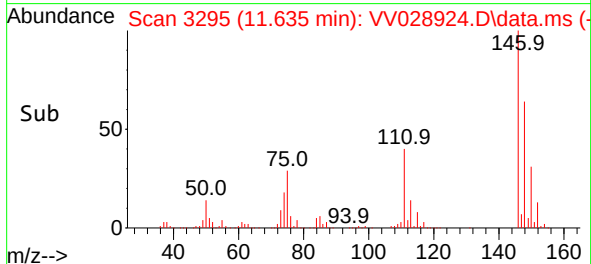
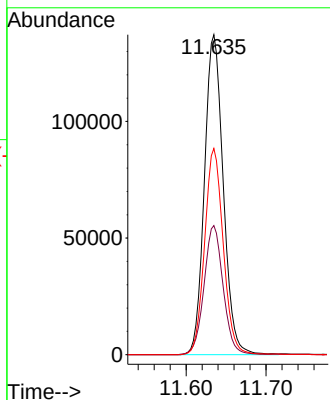
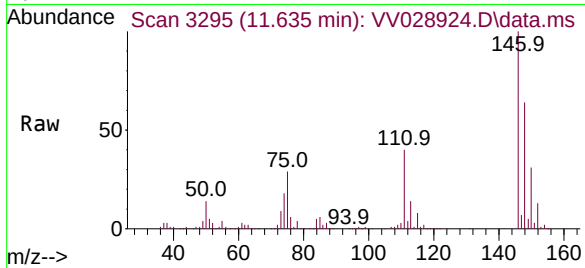




#67
1,2-Dichlorobenzene
Concen: 5.385 ug/L
RT: 11.635 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV028924.D
Acq: 12 Nov 2022 11:35

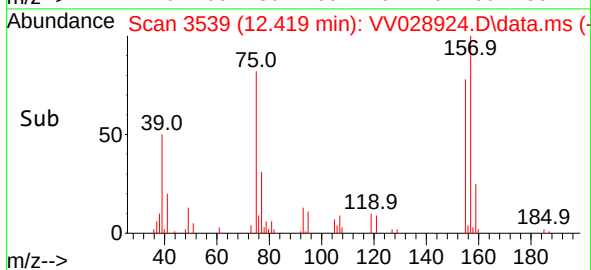
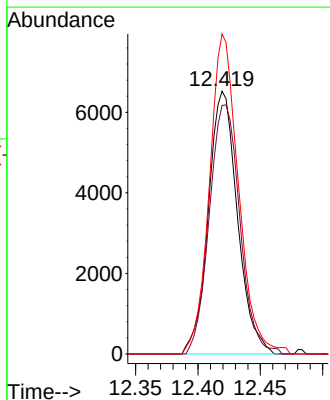
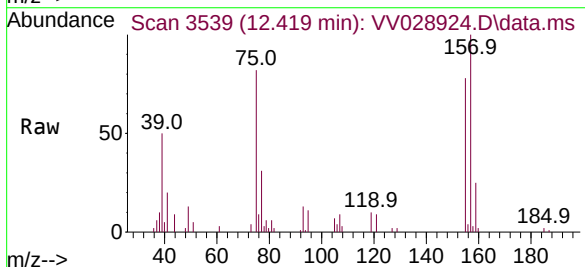
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

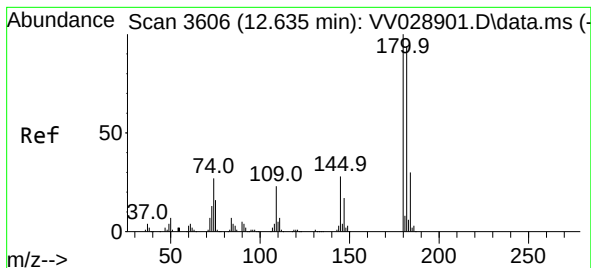
Tgt Ion:146 Resp: 224864
Ion Ratio Lower Upper
146 100
111 40.3 32.4 48.6
148 64.5 49.4 74.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.169 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. -0.000 min
Lab File: VV028924.D
Acq: 12 Nov 2022 11:35

Tgt Ion: 75 Resp: 10590
Ion Ratio Lower Upper
75 100
155 94.6 64.8 97.2
157 121.8 86.3 129.5





#69

1,3,5-Trichlorobenzene

Concen: 5.260 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. -0.000 min

Lab File: VV028924.D

Acq: 12 Nov 2022 11:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD005343

Tgt Ion:180 Resp: 188581

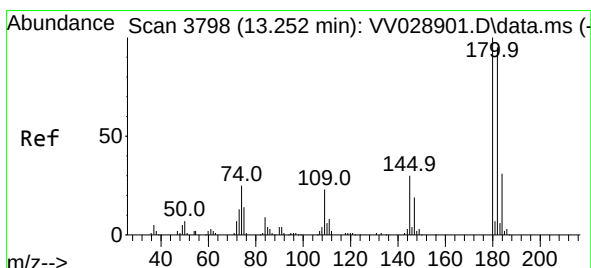
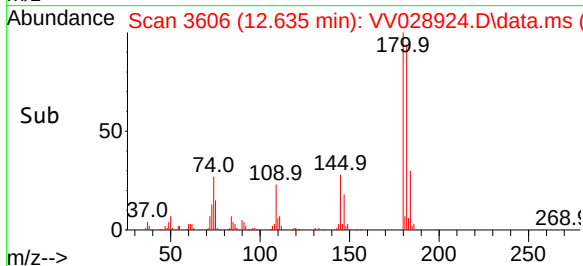
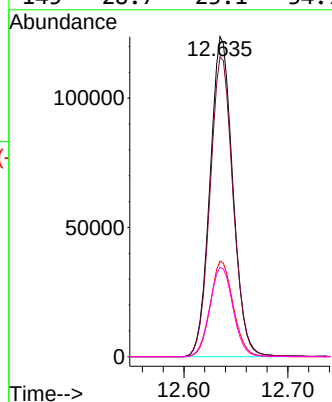
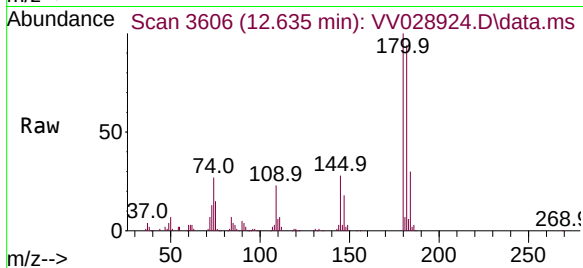
Ion Ratio Lower Upper

180 100

182 94.9 76.7 115.1

184 29.9 24.0 36.0

145 28.7 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 5.481 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. -0.000 min

Lab File: VV028924.D

Acq: 12 Nov 2022 11:35

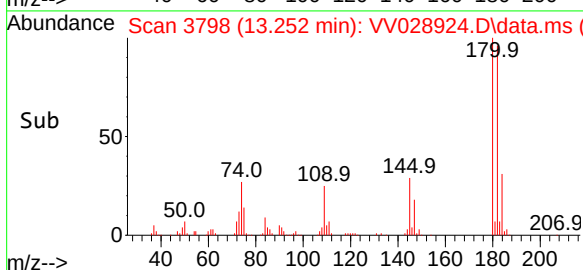
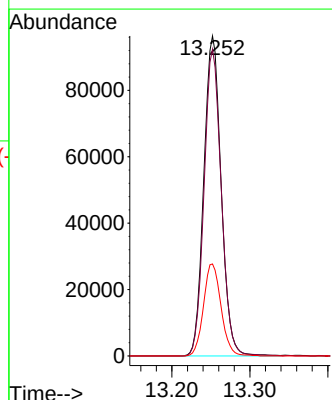
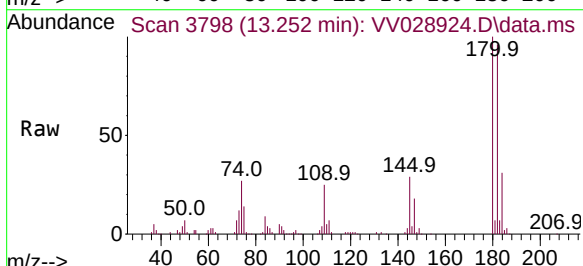
Tgt Ion:180 Resp: 148635

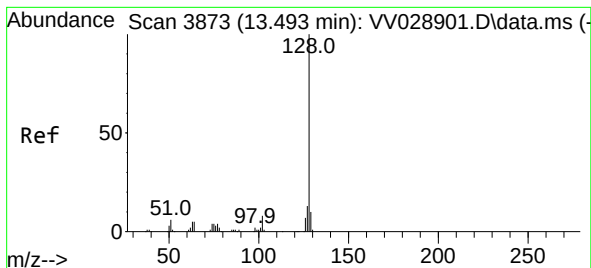
Ion Ratio Lower Upper

180 100

182 95.2 74.3 111.5

145 29.2 23.7 35.5





#71

Naphthalene

Concen: 5.699 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. -0.000 min

Lab File: VV028924.D

Acq: 12 Nov 2022 11:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD005343

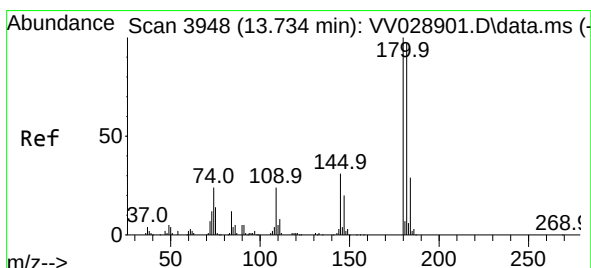
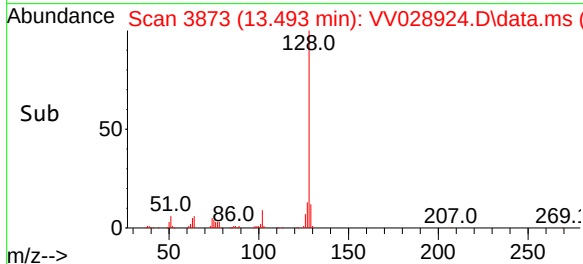
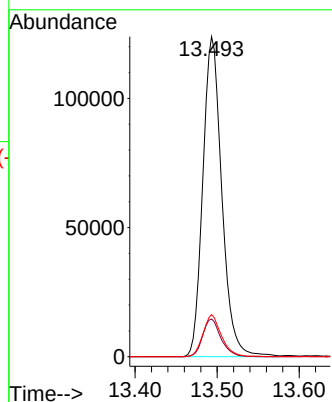
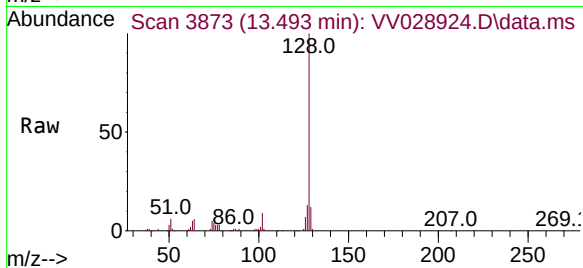
Tgt Ion:128 Resp: 199420

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 12.7 9.8 14.8



#72

1,2,3-Trichlorobenzene

Concen: 5.537 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. -0.000 min

Lab File: VV028924.D

Acq: 12 Nov 2022 11:35

Tgt Ion:180 Resp: 127186

Ion Ratio Lower Upper

180 100

182 95.5 75.4 113.2

145 30.5 24.9 37.3

