

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042522\
 Data File : VW025721.D
 Acq On : 25 Apr 2022 17:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005393

Quant Time: Apr 26 06:37:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 26 06:32:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	178682	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	179920	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	98722	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	80682	4.857	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.574	69	76809	4.346	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.114	63	156176	4.693	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	3.899	46	116532	57.669	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.340%
24) Chloroform-d	4.352	84	136226	5.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
26) 1,2-Dichloroethane-d4	5.034	65	60373	5.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.600%
32) Benzene-d6	5.053	84	270365	5.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.072	67	77848	5.362	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.200%
41) Toluene-d8	7.317	98	253028	5.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
43) trans-1,3-Dichloroprop...	7.622	79	24351	4.990	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.088	63	88548	51.702	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.400%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	45734	4.986	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	78412	4.737	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	57430	3.558	ug/L	99
3) Chloromethane	1.246	50	78244	4.461	ug/L	97
5) Vinyl chloride	1.317	62	80635	4.068	ug/L	100
6) Bromomethane	1.529	94	48406	3.387	ug/L	98
8) Chloroethane	1.590	64	58730	3.839	ug/L	98
9) Trichlorofluoromethane	1.757	101	115126	4.136	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	59296	3.791	ug/L	97
12) 1,1-Dichloroethene	2.124	96	61232	3.951	ug/L	97
13) Acetone	2.191	43	77605	56.582	ug/L	97
14) Carbon disulfide	2.301	76	125628	3.386	ug/L	99
15) Methyl Acetate	2.442	43	17683	5.801	ug/L	91
16) Methylene chloride	2.513	84	60338	4.016	ug/L	95
17) Methyl tert-butyl Ether	2.773	73	115607	4.821	ug/L	97
18) trans-1,2-Dichloroethene	2.767	96	52790	4.065	ug/L	96
19) 1,1-Dichloroethane	3.195	63	109651	4.985	ug/L	99
21) 2-Butanone	3.982	43	111840	59.013	ug/L	94
22) cis-1,2-Dichloroethene	3.915	96	61331	4.486	ug/L	89
23) Bromochloromethane	4.256	128	26290	4.632	ug/L	94
25) Chloroform	4.378	83	118055	5.085	ug/L	98

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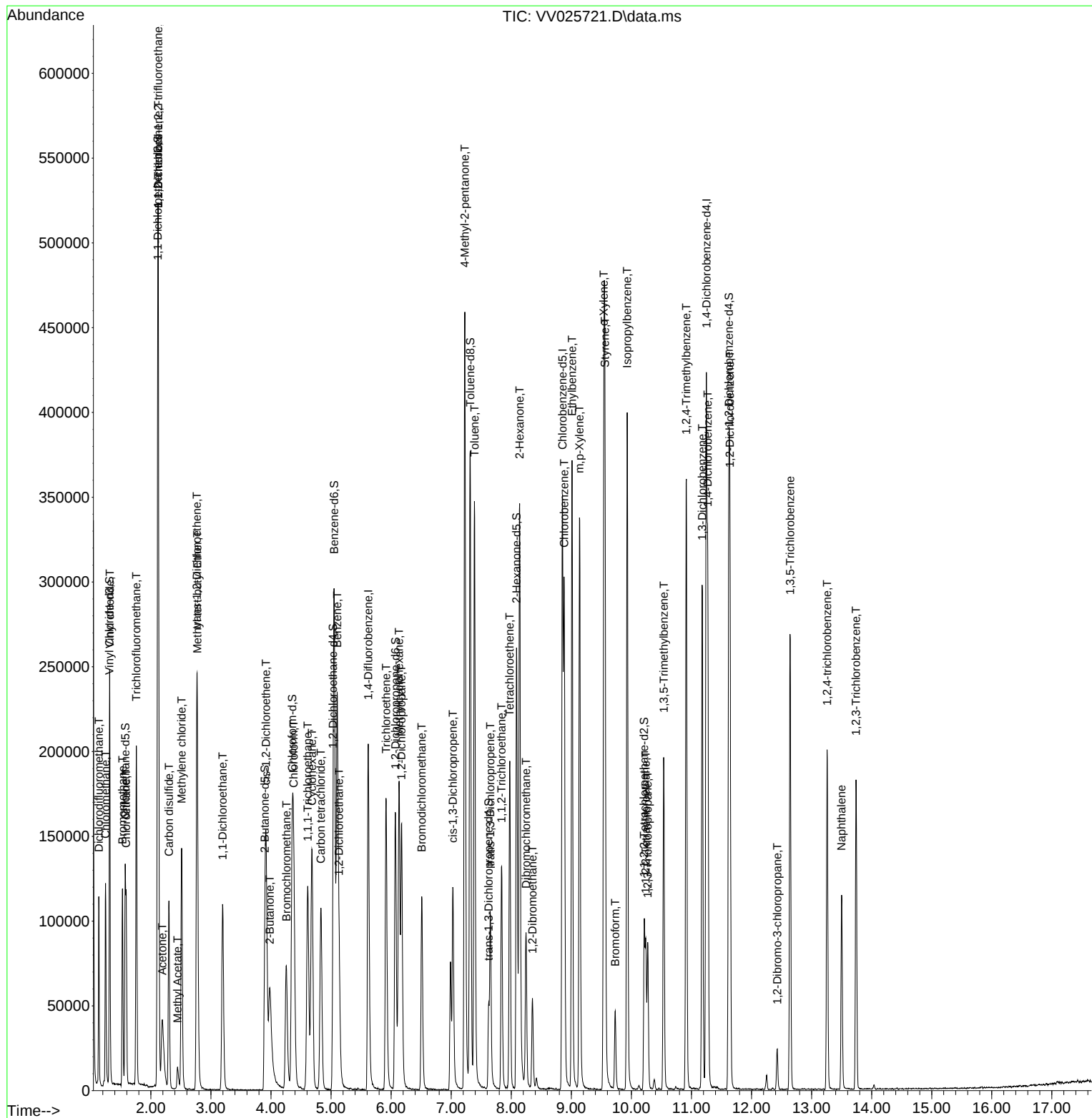
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	61493	5.020	ug/L	100
29) 1,1,1-Trichloroethane	4.612	97	95438	4.498	ug/L	98
30) Cyclohexane	4.683	56	69146	3.584	ug/L	98
31) Carbon tetrachloride	4.831	117	80064	4.461	ug/L	98
33) Benzene	5.101	78	238484	4.487	ug/L	100
34) Trichloroethene	5.915	95	59644	4.227	ug/L	98
35) Methylcyclohexane	6.133	83	71981	3.197	ug/L	95
37) 1,2-Dichloropropane	6.172	63	59620	4.849	ug/L	99
38) Bromodichloromethane	6.510	83	76224	4.994	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	72057	4.472	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	289175	58.738	ug/L	95
42) Toluene	7.387	91	253501	4.385	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	59309	4.738	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	41790	5.075	ug/L	97
47) Tetrachloroethene	7.976	164	41969	3.799	ug/L	94
48) 2-Hexanone	8.140	43	213747	62.300	ug/L	94
49) Dibromochloromethane	8.246	129	45172	4.997	ug/L	99
50) 1,2-Dibromoethane	8.352	107	34537	4.466	ug/L	95
51) Chlorobenzene	8.882	112	156215	4.232	ug/L	99
52) Ethylbenzene	9.011	91	252832	4.100	ug/L	99
53) m,p-Xylene	9.136	106	96448	4.114	ug/L	100
54) o-Xylene	9.542	106	96208	4.225	ug/L	98
55) Styrene	9.561	104	165129	4.460	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	40814	4.961	ug/L	98
59) Bromoform	9.731	173	19404	4.762	ug/L	98
60) Isopropylbenzene	9.931	105	249075	4.076	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	33384	5.134	ug/L	94
62) 1,3,5-Trimethylbenzene	10.538	105	102537	3.763	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	190469	3.880	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	115092	4.035	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	114876	3.967	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	107505	4.256	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5812	5.170	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	76114	3.507	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	58581	3.502	ug/L	97
71) Naphthalene	13.500	128	90106	3.671	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	50592	3.652	ug/L	98

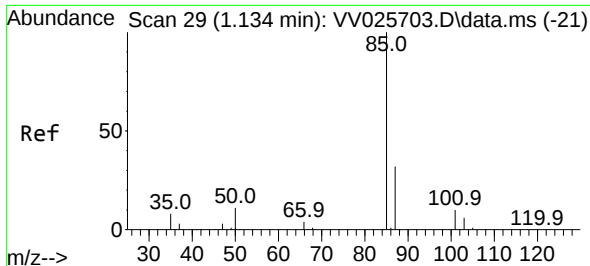
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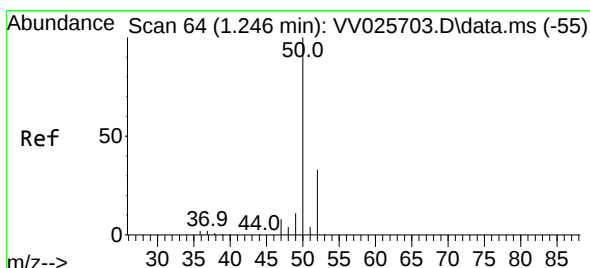
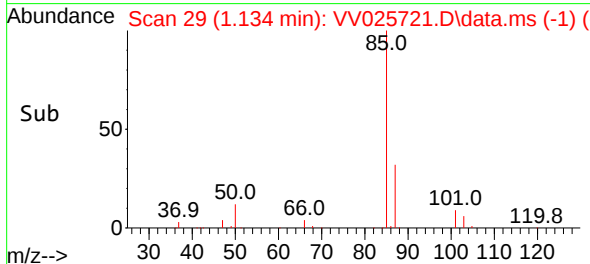
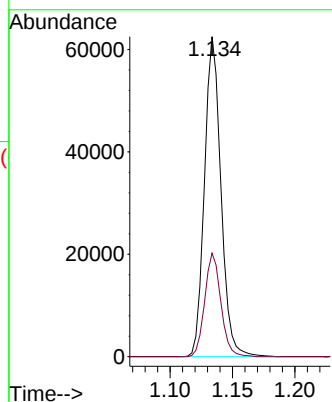
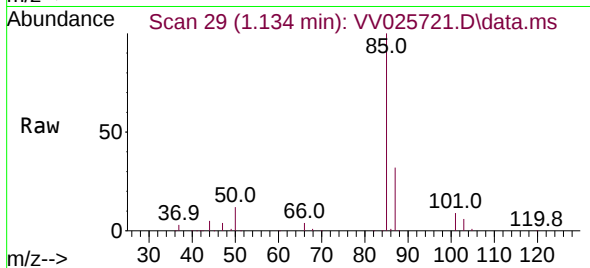




#2
 Dichlorodifluoromethane
 Concen: 3.558 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VV025721.D
 Acq: 25 Apr 2022 17:05

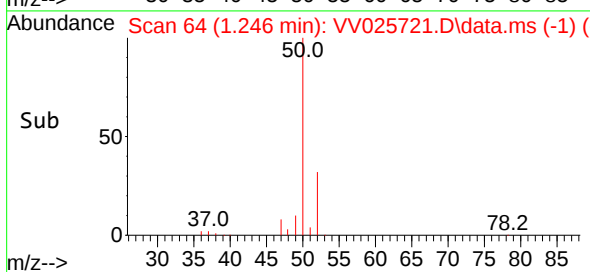
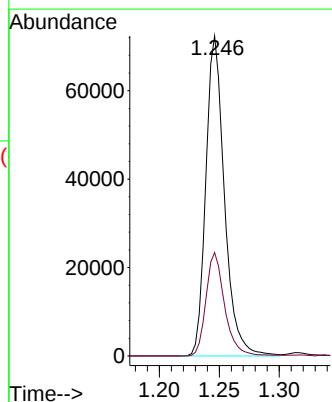
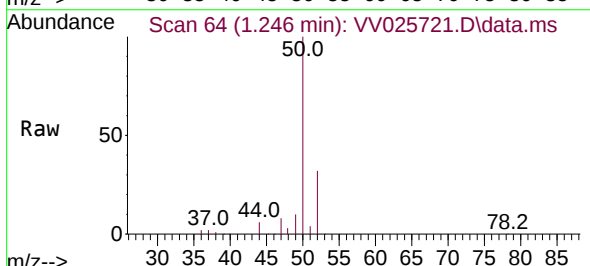
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005393

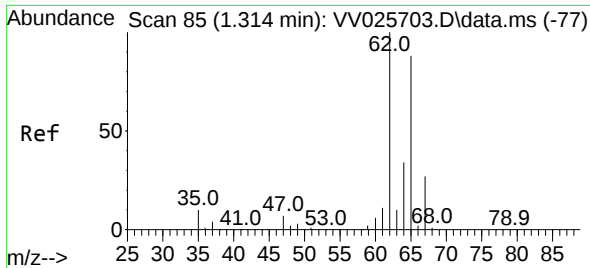
Tgt Ion: 85 Resp: 57430
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.6 38.4



#3
 Chloromethane
 Concen: 4.461 ug/L
 RT: 1.246 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: VV025721.D
 Acq: 25 Apr 2022 17:05

Tgt Ion: 50 Resp: 78244
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.7 43.9

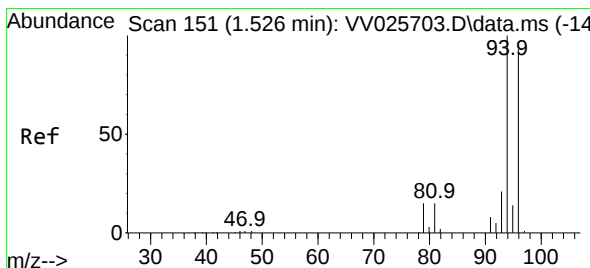
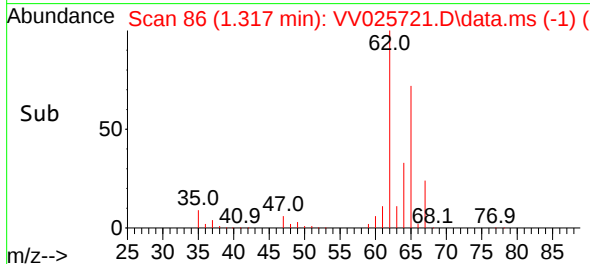
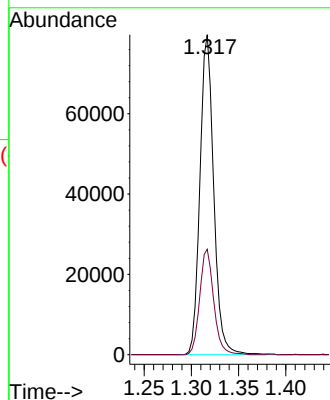
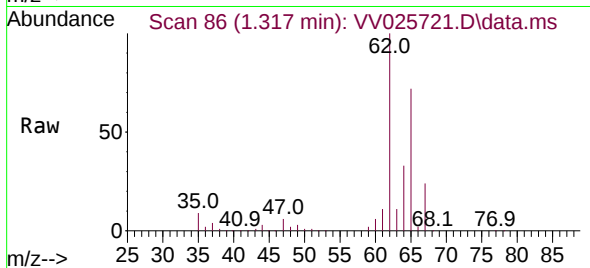




#5
 Vinyl chloride
 Concen: 4.068 ug/L
 RT: 1.317 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV025721.D
 Acq: 25 Apr 2022 17:05

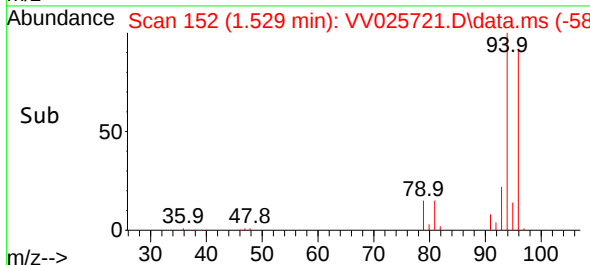
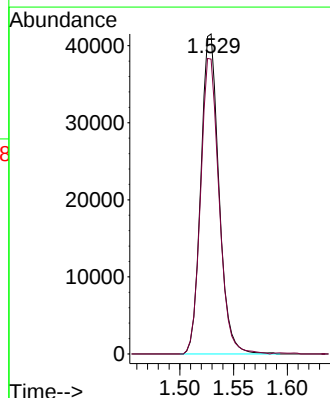
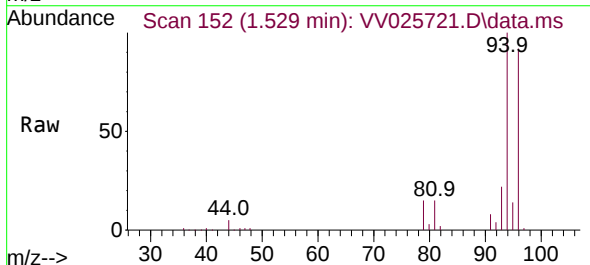
Instrument :
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 ClientSampleId :
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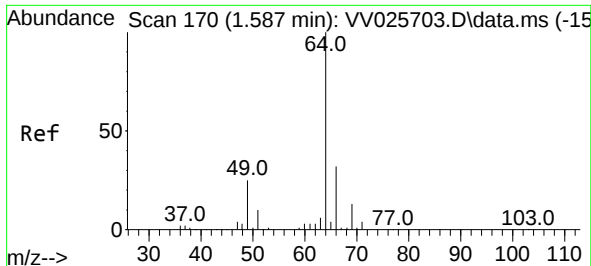
Tgt Ion: 62 Resp: 80635
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.2 43.2



#6
 Bromomethane
 Concen: 3.387 ug/L
 RT: 1.529 min Scan# 152
 Delta R.T. 0.003 min
 Lab File: VV025721.D
 Acq: 25 Apr 2022 17:05

Tgt Ion: 94 Resp: 48406
 Ion Ratio Lower Upper
 94 100
 96 92.1 66.1 122.7

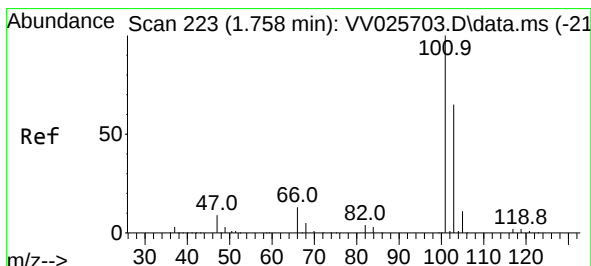
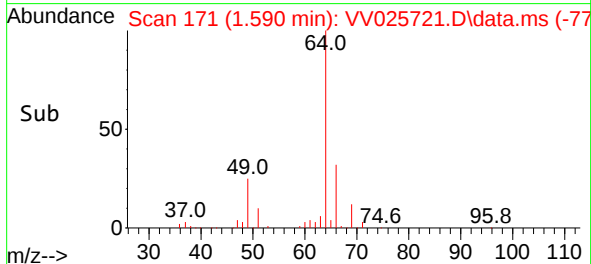
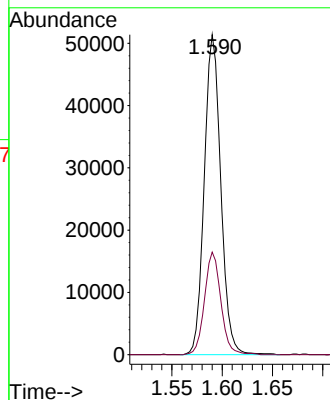
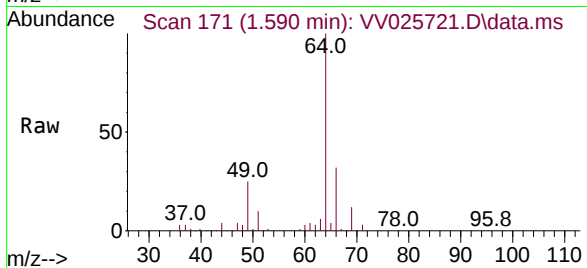




#8
Chloroethane
Concen: 3.839 ug/L
RT: 1.590 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

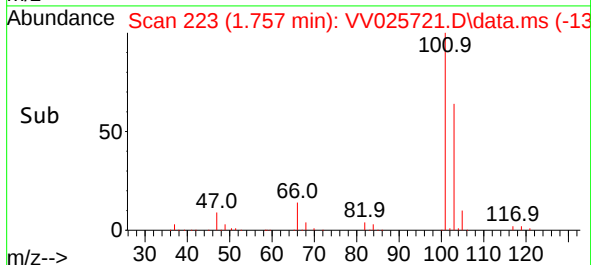
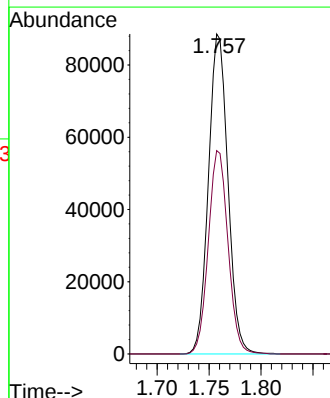
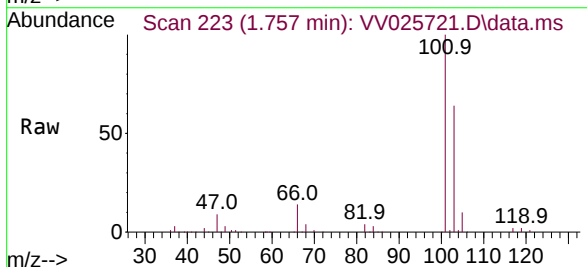
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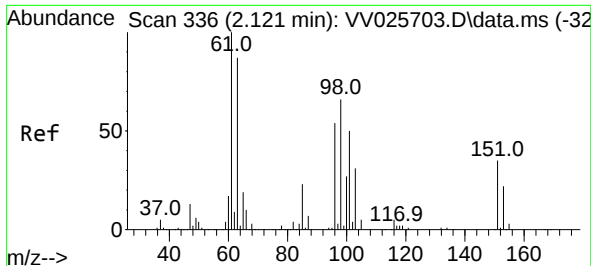
Tgt Ion: 64 Resp: 58730
Ion Ratio Lower Upper
64 100
66 32.0 21.8 40.6



#9
Trichlorofluoromethane
Concen: 4.136 ug/L
RT: 1.757 min Scan# 223
Delta R.T. -0.000 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

Tgt Ion: 101 Resp: 115126
Ion Ratio Lower Upper
101 100
103 64.2 51.9 77.9

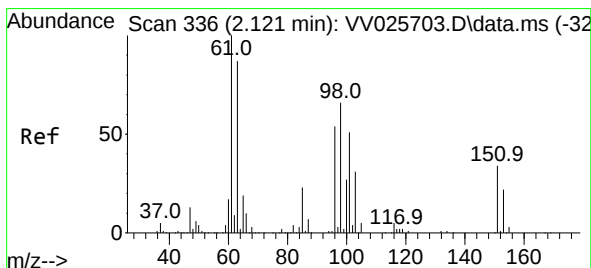
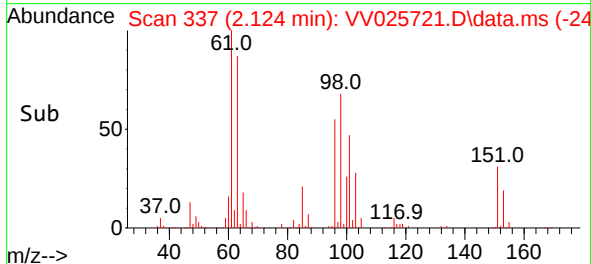
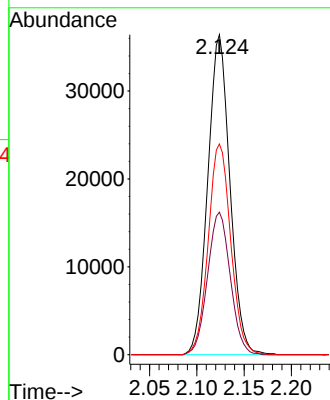
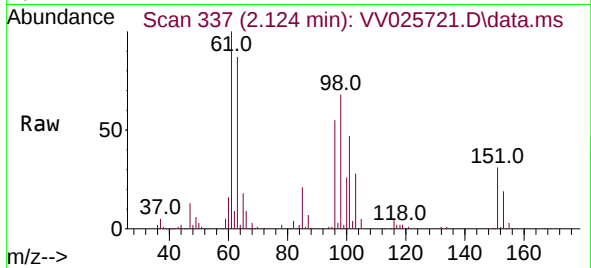




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.791 ug/L
 RT: 2.124 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025721.D
 Acq: 25 Apr 2022 17:05

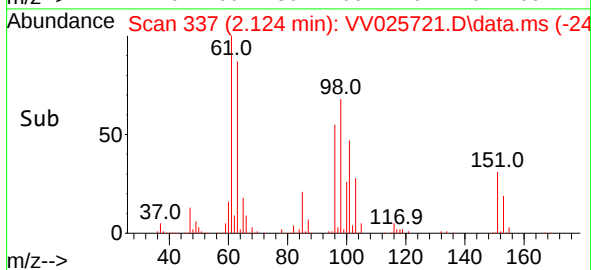
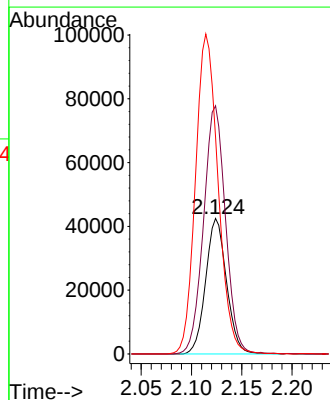
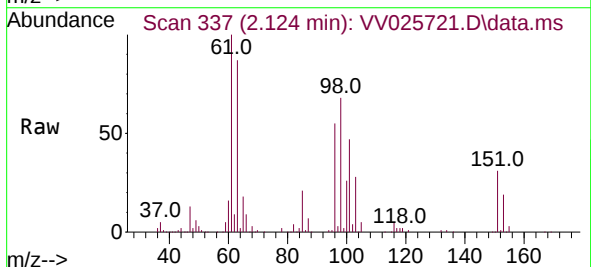
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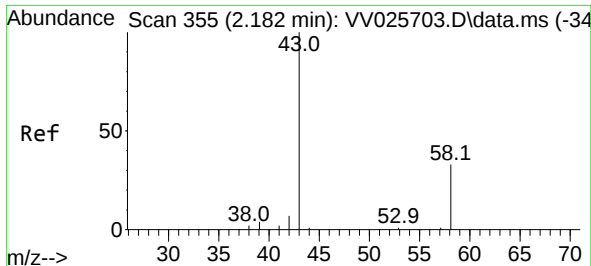
Tgt Ion:101 Resp: 59296
 Ion Ratio Lower Upper
 101 100
 85 45.7 35.9 53.9
 151 67.0 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 3.951 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.003 min
 Lab File: VV025721.D
 Acq: 25 Apr 2022 17:05

Tgt Ion: 96 Resp: 61232
 Ion Ratio Lower Upper
 96 100
 61 183.2 125.2 232.4
 63 160.1 114.4 212.4





#13

Acetone

Concen: 56.582 ug/L

RT: 2.191 min Scan# 3

Delta R.T. 0.009 min

Lab File: VV025721.D

Acq: 25 Apr 2022 17:05

Instrument :

MSVOA_V

ClientSampleId :

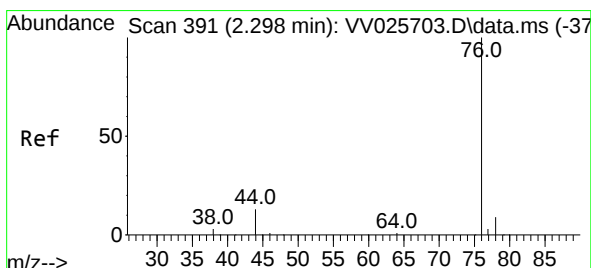
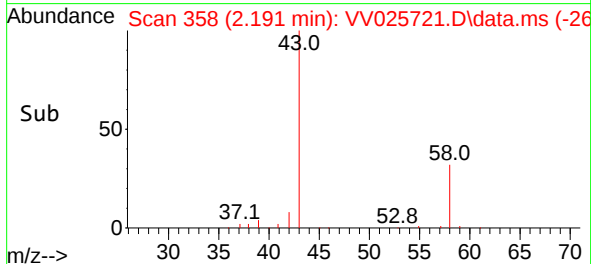
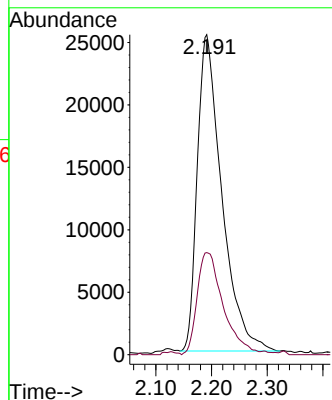
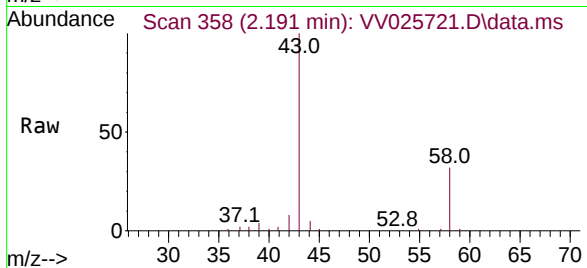
VSTD005393

Tgt Ion: 43 Resp: 77605

Ion Ratio Lower Upper

43 100

58 34.2 0.0 72.2



#14

Carbon disulfide

Concen: 3.386 ug/L

RT: 2.301 min Scan# 392

Delta R.T. 0.003 min

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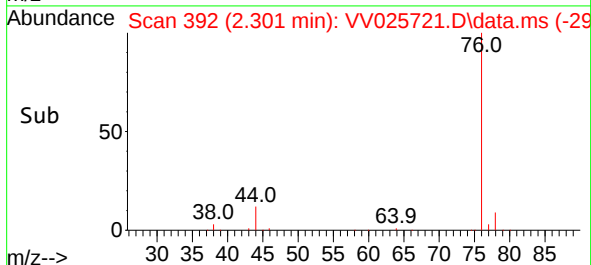
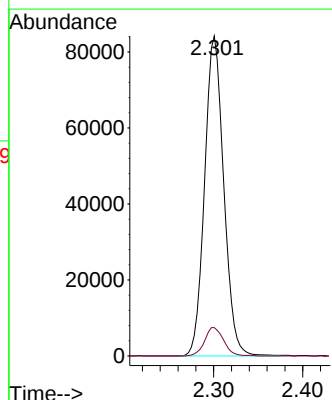
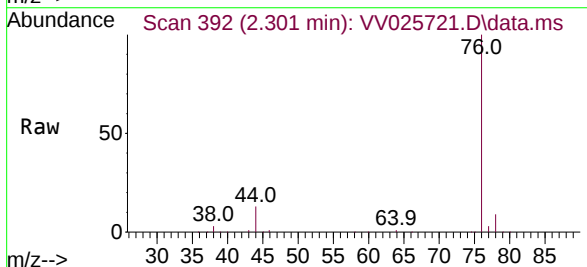
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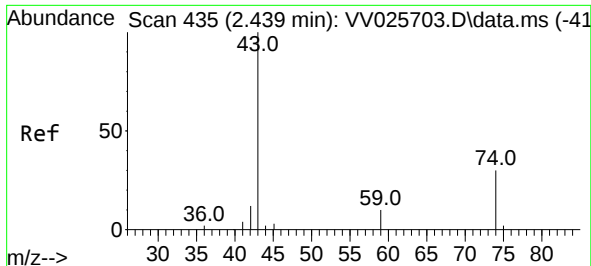
Tgt Ion: 76 Resp: 125628

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

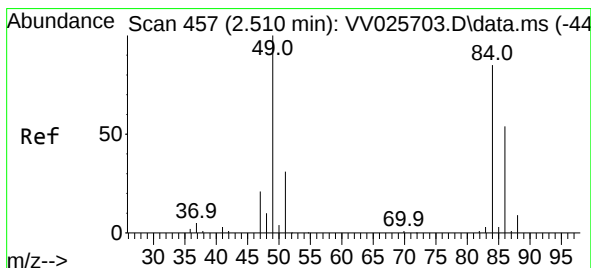
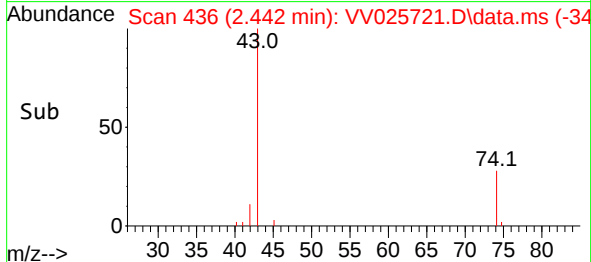
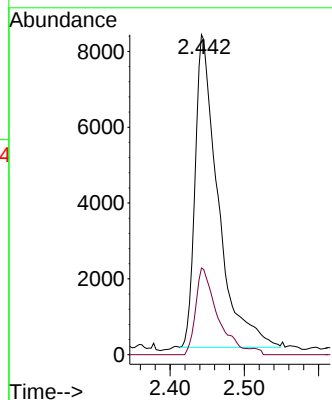
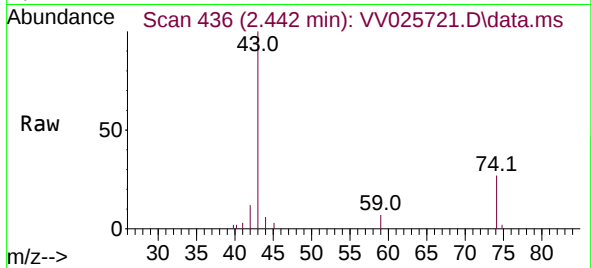




#15
Methyl Acetate
Concen: 5.801 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

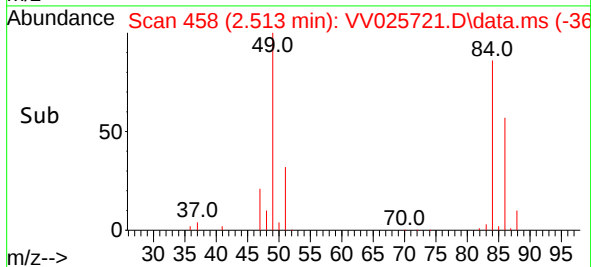
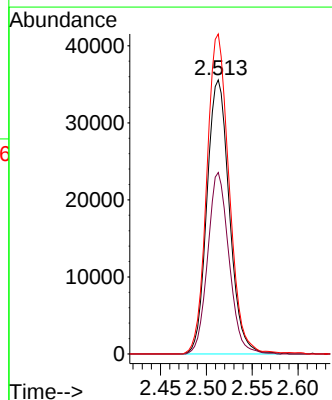
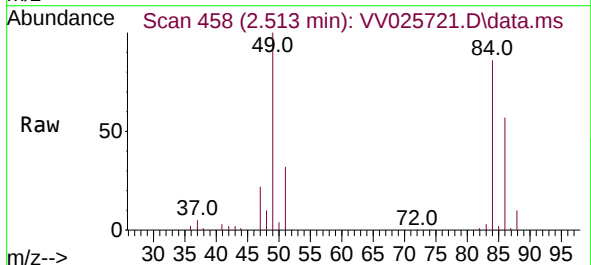
Instrument :
MSVOA_V
ClientSampleId :
VSTD005393

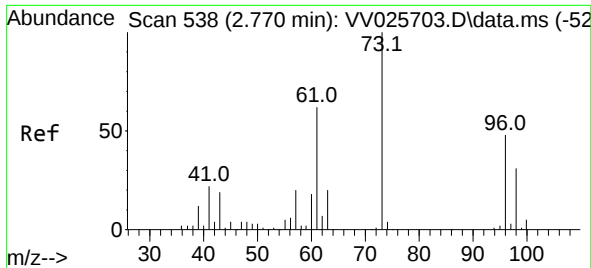
Tgt Ion: 43 Resp: 17683
Ion Ratio Lower Upper
43 100
74 26.3 25.2 37.8



#16
Methylene chloride
Concen: 4.016 ug/L
RT: 2.513 min Scan# 458
Delta R.T. 0.003 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

Tgt Ion: 84 Resp: 60338
Ion Ratio Lower Upper
84 100
86 66.2 45.9 85.3
49 116.7 76.6 142.3

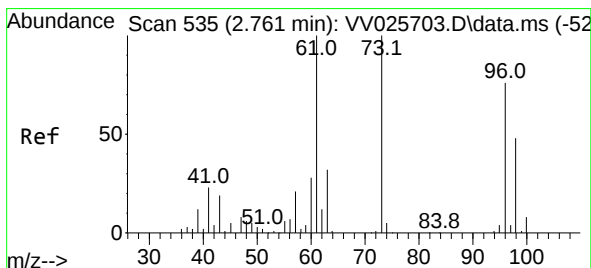
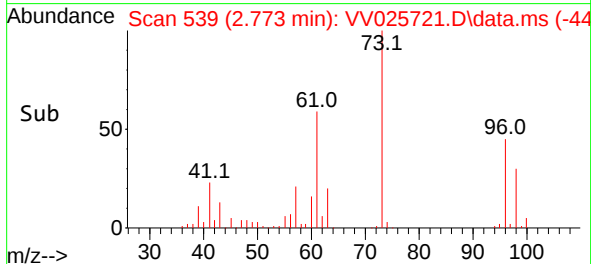
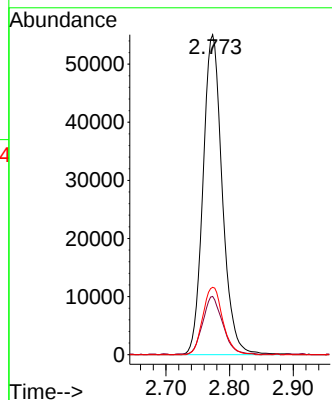
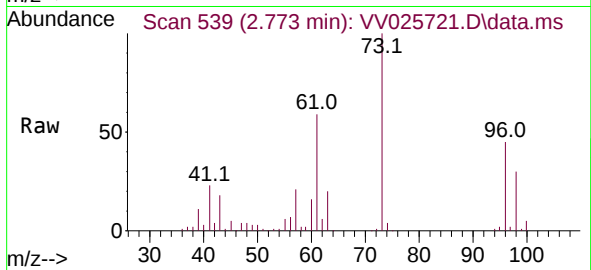




#17
Methyl tert-butyl Ether
Concen: 4.821 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

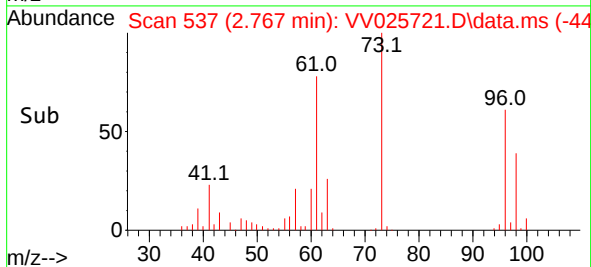
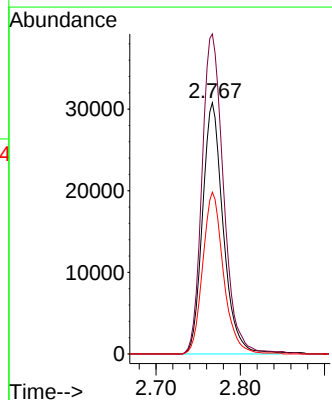
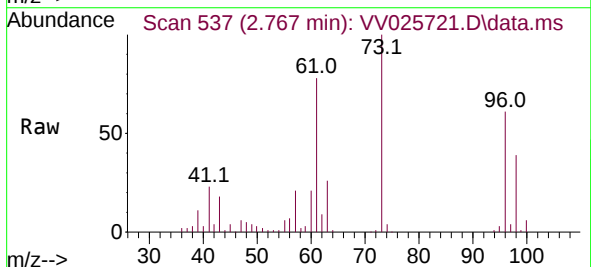
Instrument :
MSVOA_V
ClientSampleId :
VSTD005393

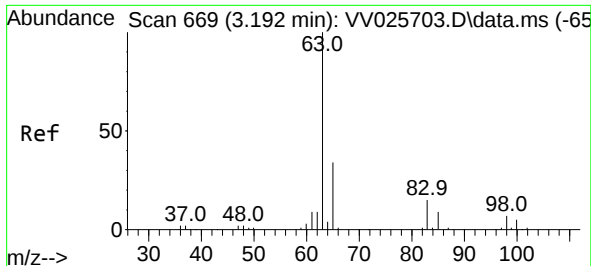
Tgt Ion: 73 Resp: 115607
Ion Ratio Lower Upper
73 100
43 19.1 14.2 21.4
57 21.9 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 4.065 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

Tgt Ion: 96 Resp: 52790
Ion Ratio Lower Upper
96 100
61 127.4 92.1 171.1
98 64.4 47.5 88.1





#19

1,1-Dichloroethane

Concen: 4.985 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV025721.D

Acq: 25 Apr 2022 17:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005393

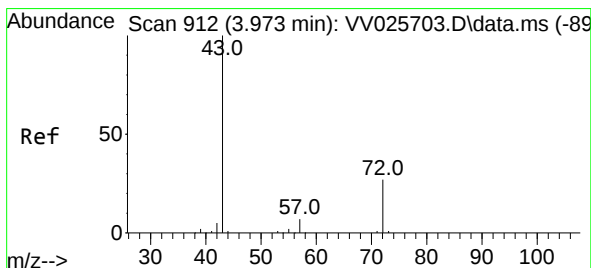
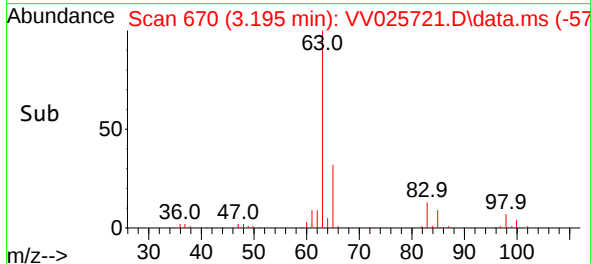
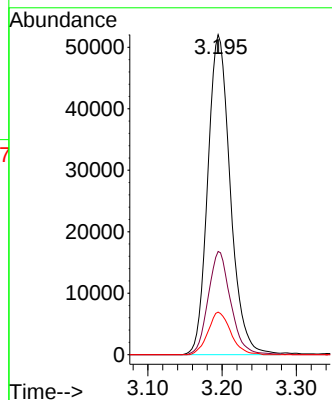
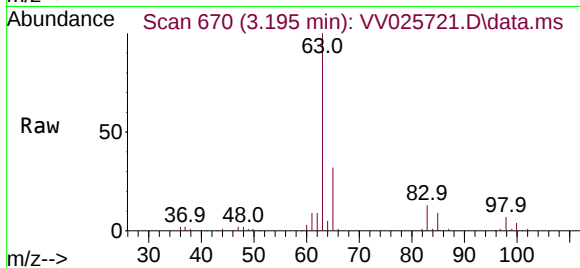
Tgt Ion: 63 Resp: 109651

Ion Ratio Lower Upper

63 100

65 32.2 23.2 43.0

83 13.3 9.0 16.8



#21

2-Butanone

Concen: 59.013 ug/L

RT: 3.982 min Scan# 915

Delta R.T. 0.009 min

Lab File: VV025721.D

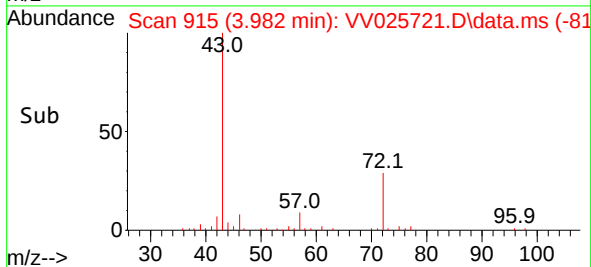
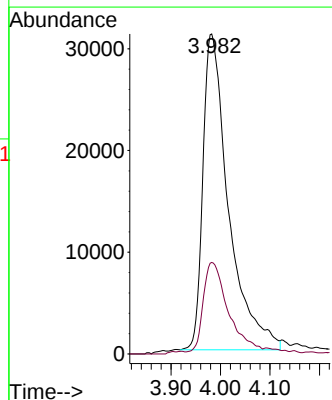
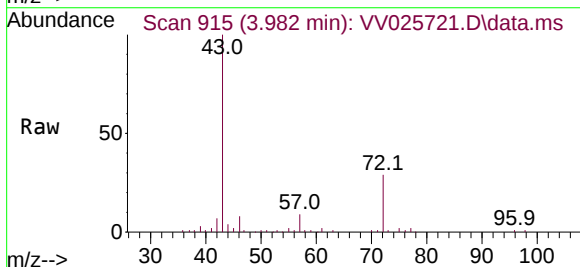
Acq: 25 Apr 2022 17:05

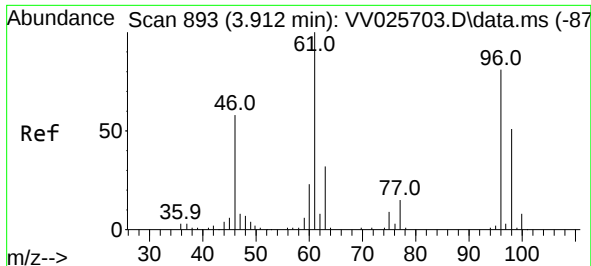
Tgt Ion: 43 Resp: 111840

Ion Ratio Lower Upper

43 100

72 27.1 15.2 45.6





#22

cis-1,2-Dichloroethene

Concen: 4.486 ug/L

RT: 3.915 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV025721.D

Acq: 25 Apr 2022 17:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005393

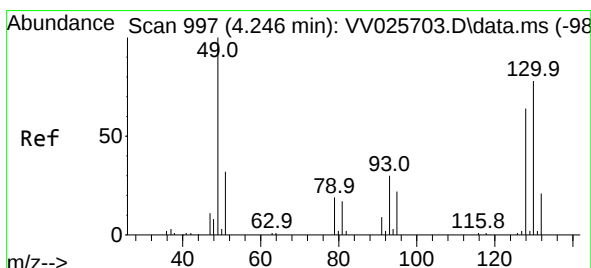
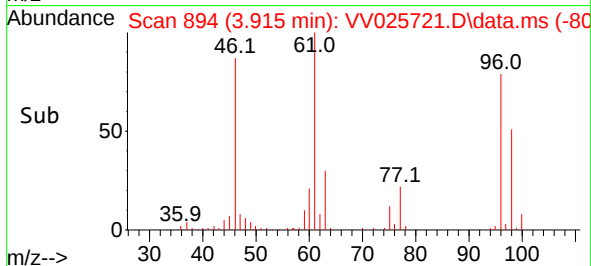
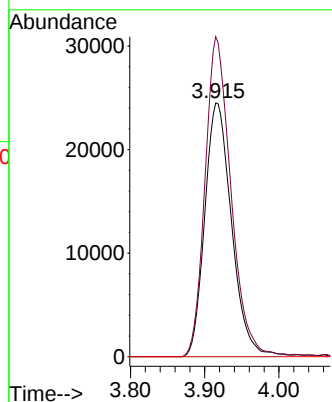
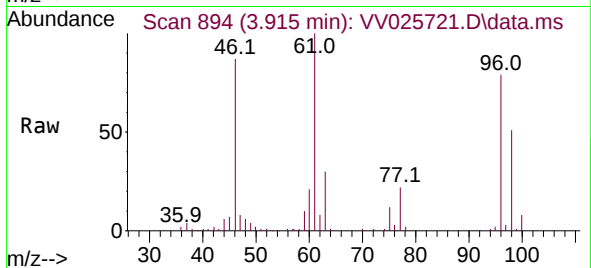
Tgt Ion: 96 Resp: 61331

Ion Ratio Lower Upper

96 100

61 126.1 80.0 148.6

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.632 ug/L

RT: 4.256 min Scan# 1000

Delta R.T. 0.009 min

Lab File: VV025721.D

Acq: 25 Apr 2022 17:05

Tgt Ion: 128 Resp: 26290

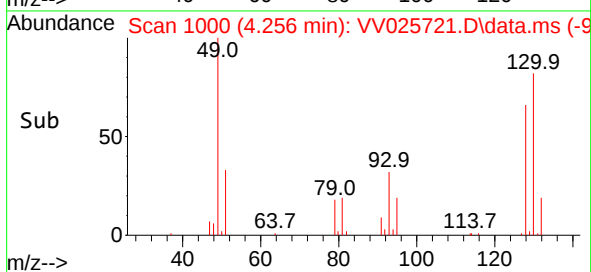
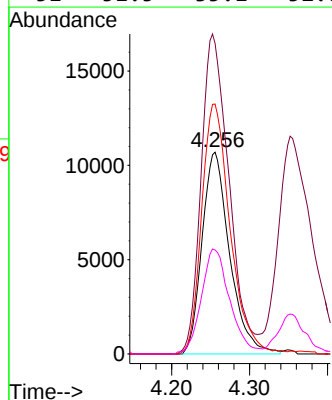
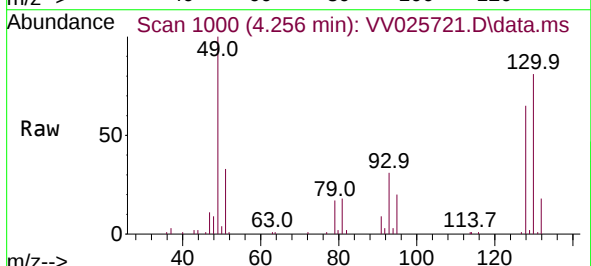
Ion Ratio Lower Upper

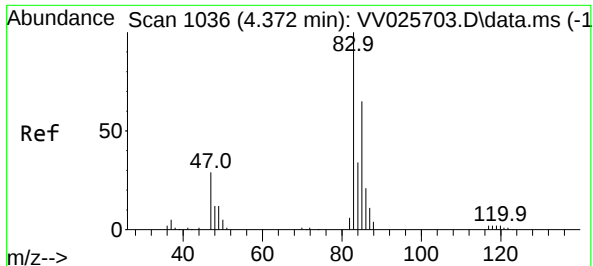
128 100

49 153.8 100.5 186.7

130 123.9 87.8 163.0

51 51.5 35.1 52.7

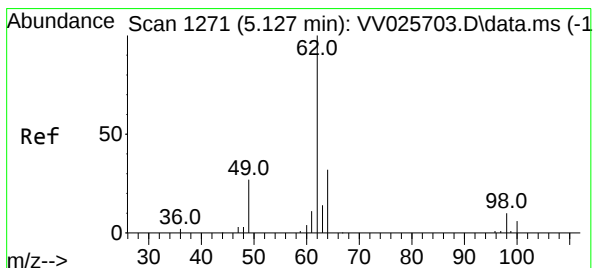
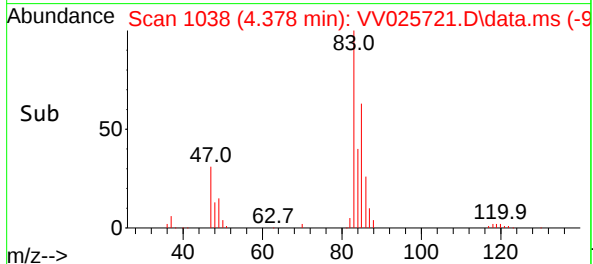
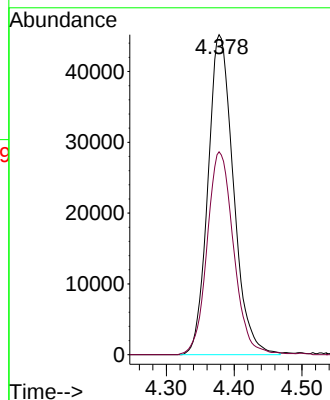
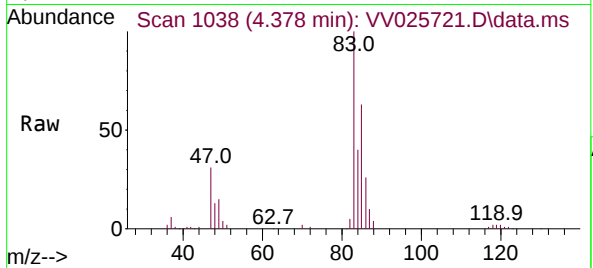




#25
Chloroform
Concen: 5.085 ug/L
RT: 4.378 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

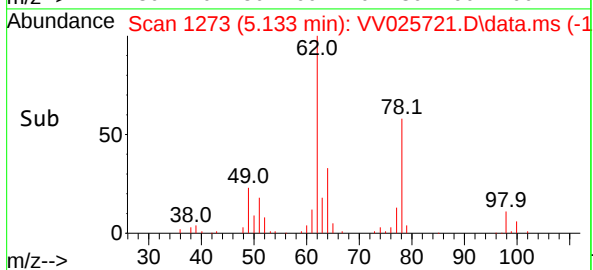
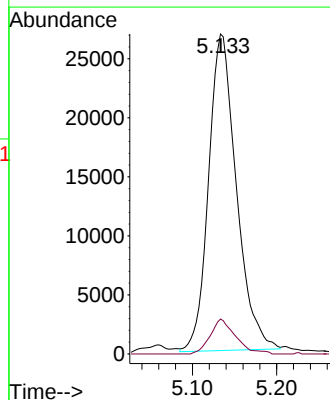
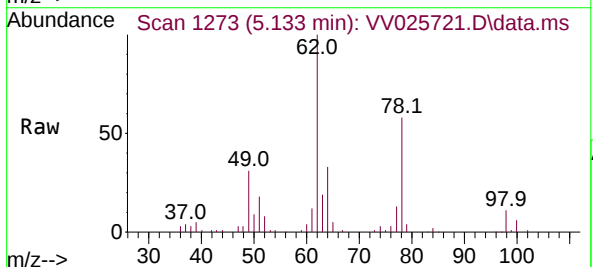
Instrument :
MSVOA_V
ClientSampleId :
VSTD005393

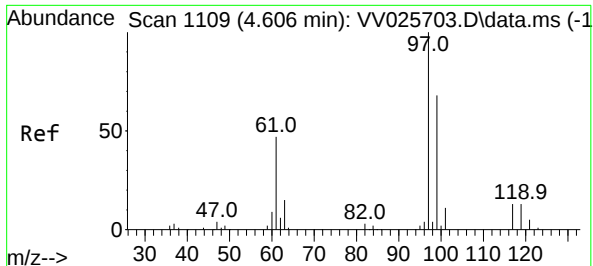
Tgt Ion: 83 Resp: 118055
Ion Ratio Lower Upper
83 100
85 63.4 43.5 80.7



#27
1,2-Dichloroethane
Concen: 5.020 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.006 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

Tgt Ion: 62 Resp: 61493
Ion Ratio Lower Upper
62 100
98 10.9 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 4.498 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VV025721.D

Acq: 25 Apr 2022 17:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005393

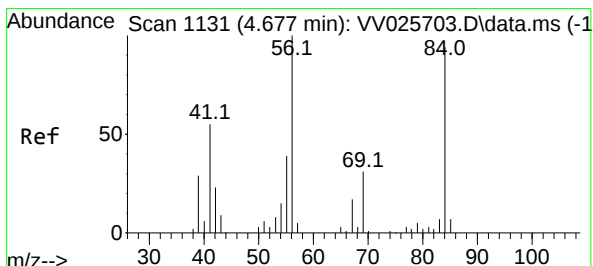
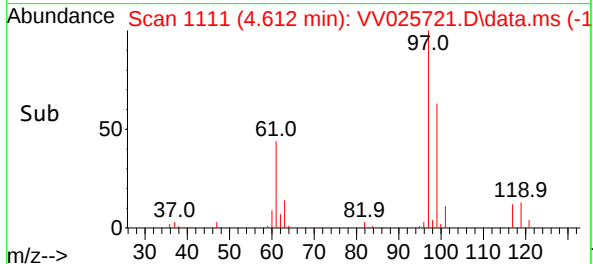
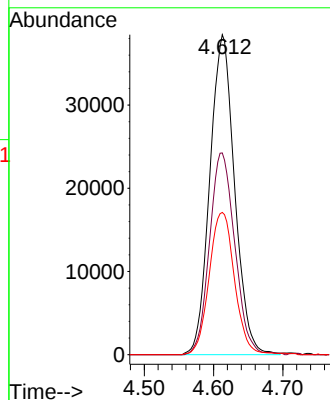
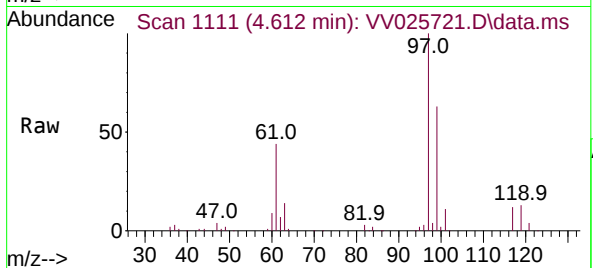
Tgt Ion: 97 Resp: 95438

Ion Ratio Lower Upper

97 100

99 64.3 51.5 77.3

61 45.5 34.3 51.5



#30

Cyclohexane

Concen: 3.584 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VV025721.D

Acq: 25 Apr 2022 17:05

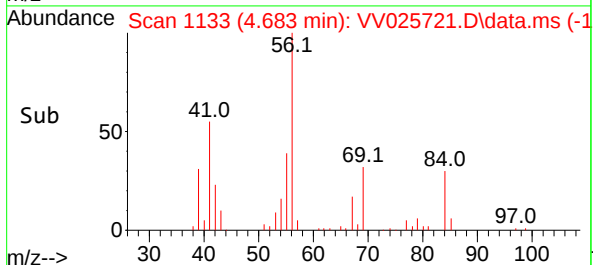
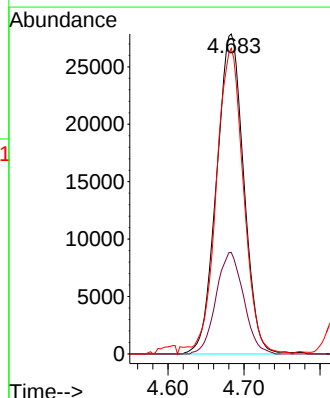
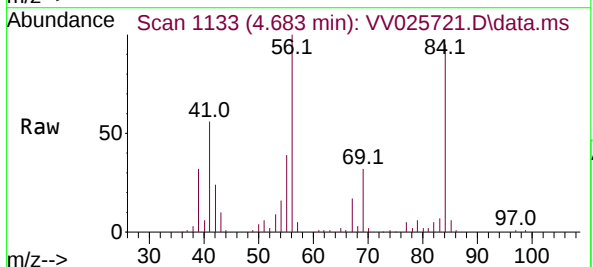
Tgt Ion: 56 Resp: 69146

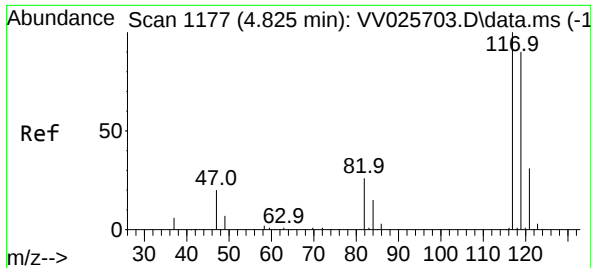
Ion Ratio Lower Upper

56 100

69 32.1 26.1 39.1

84 96.1 78.6 118.0

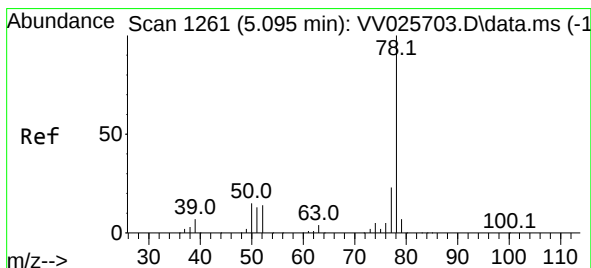
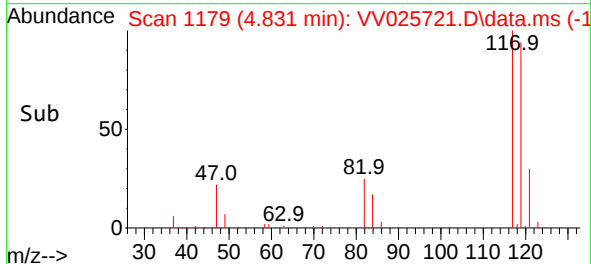
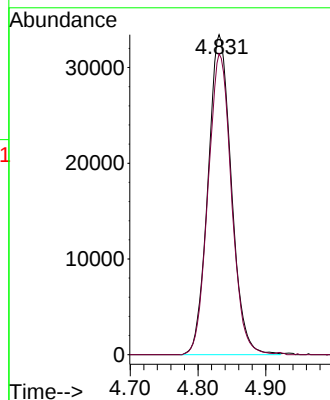
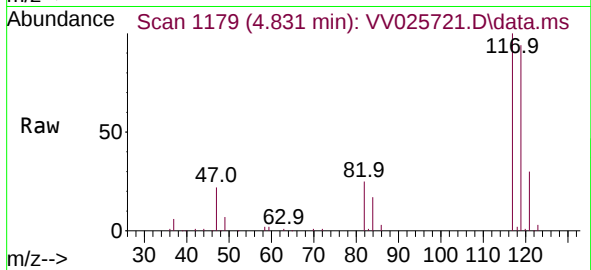




#31
Carbon tetrachloride
Concen: 4.461 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

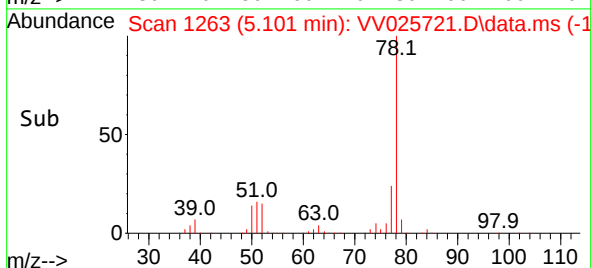
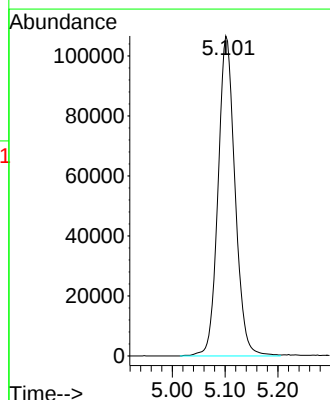
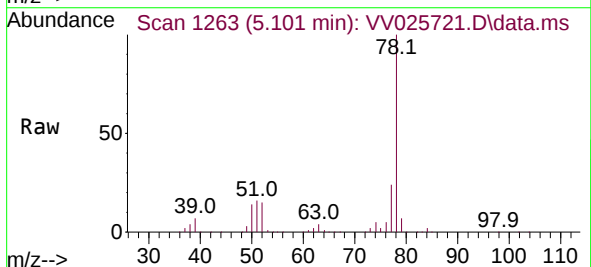
Instrument :
MSVOA_V
ClientSampleId :
VSTD005393

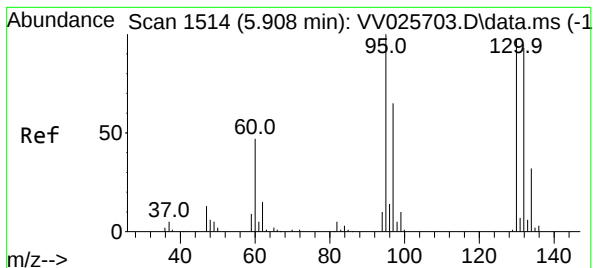
Tgt Ion:117 Resp: 80064
Ion Ratio Lower Upper
117 100
119 94.1 76.6 114.8



#33
Benzene
Concen: 4.487 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

Tgt Ion: 78 Resp: 238484





#34

Trichloroethene

Concen: 4.227 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV025721.D

Acq: 25 Apr 2022 17:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005393

Tgt Ion: 95 Resp: 59644

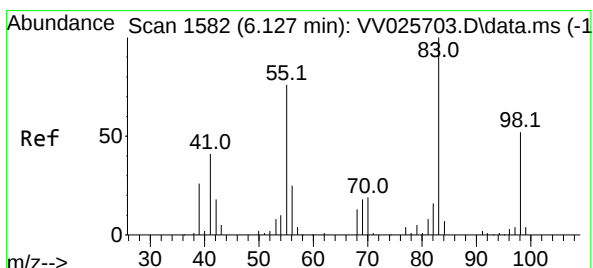
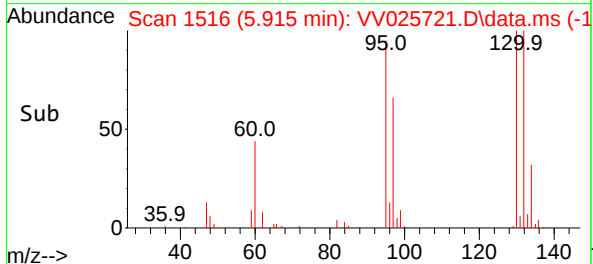
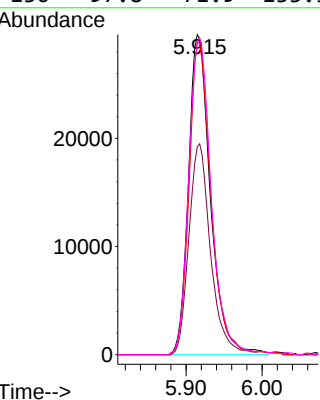
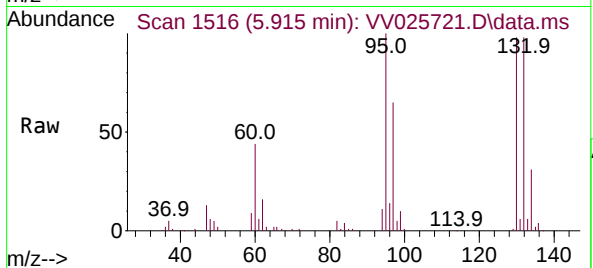
Ion Ratio Lower Upper

95 100

97 65.0 45.8 85.2

132 97.8 68.0 126.4

130 97.8 71.9 133.5



#35

Methylcyclohexane

Concen: 3.197 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.006 min

Lab File: VV025721.D

Acq: 25 Apr 2022 17:05

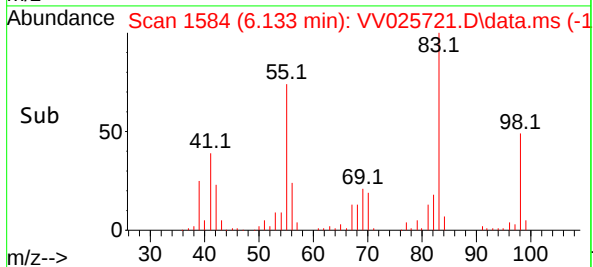
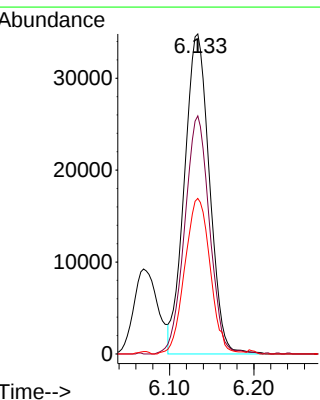
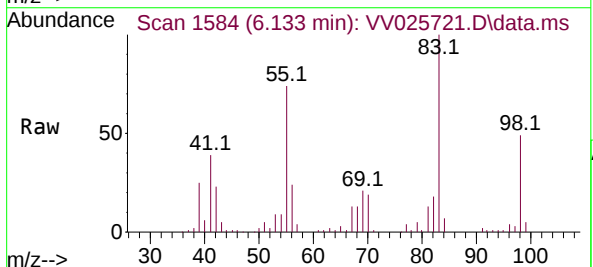
Tgt Ion: 83 Resp: 71981

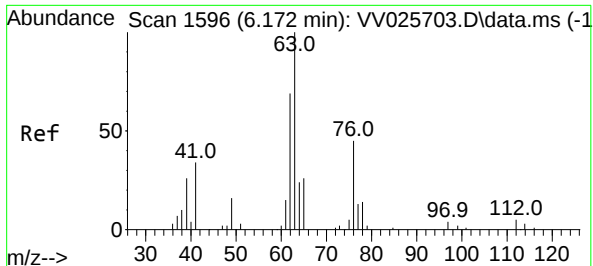
Ion Ratio Lower Upper

83 100

55 73.9 53.7 80.5

98 49.4 39.6 59.4





#37

1,2-Dichloropropane

Concen: 4.849 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV025721.D

Acq: 25 Apr 2022 17:05

Instrument :

MSVOA_V

ClientSampleId :

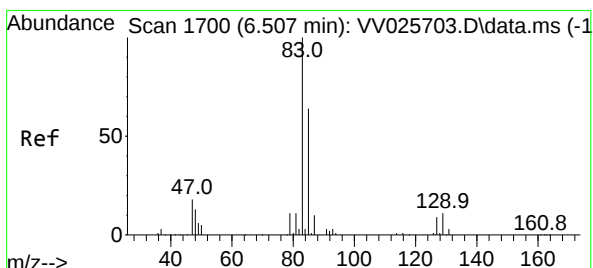
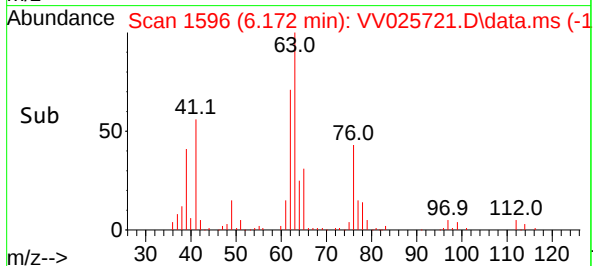
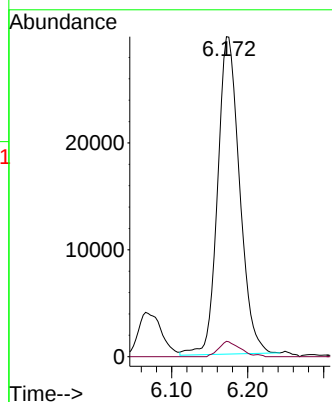
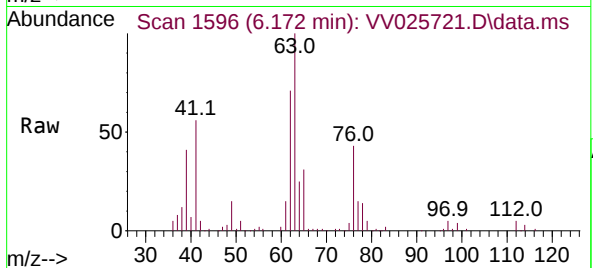
VSTD005393

Tgt Ion: 63 Resp: 59620

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.8



#38

Bromodichloromethane

Concen: 4.994 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025721.D

Acq: 25 Apr 2022 17:05

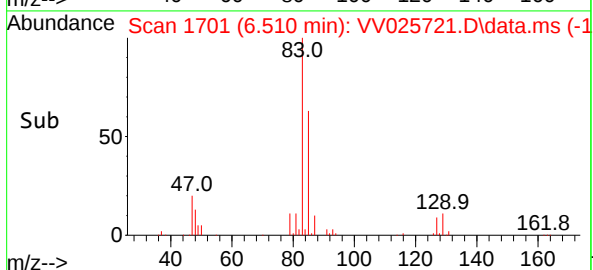
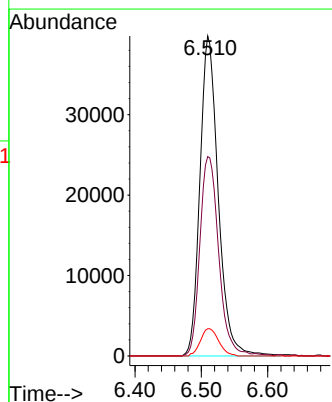
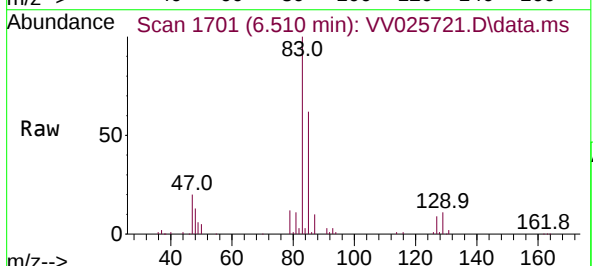
Tgt Ion: 83 Resp: 76224

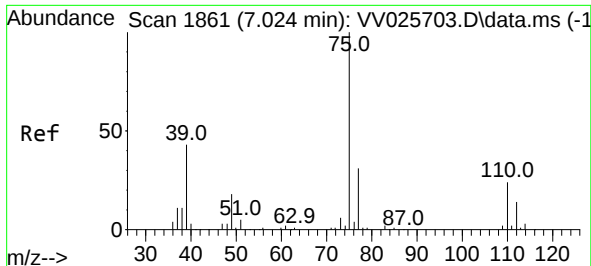
Ion Ratio Lower Upper

83 100

85 62.3 44.4 82.4

127 8.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.472 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV025721.D

Acq: 25 Apr 2022 17:05

Instrument :

MSVOA_V

ClientSampleId :

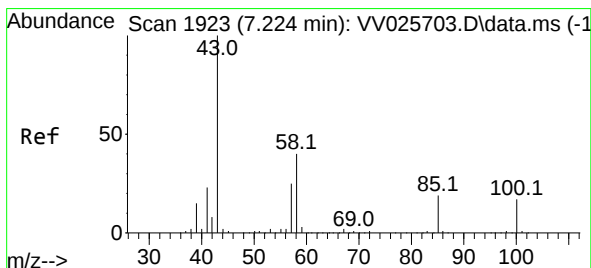
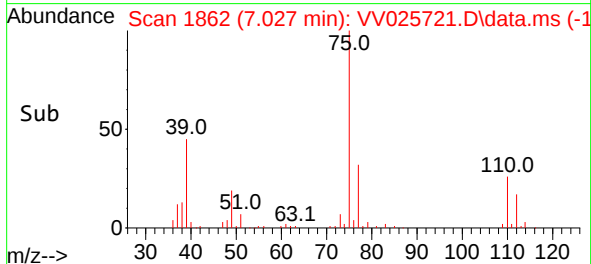
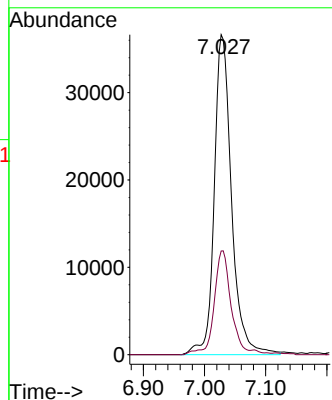
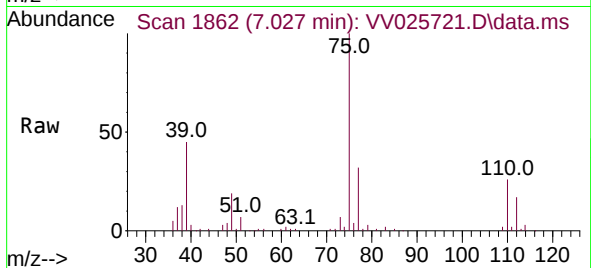
VSTD005393

Tgt Ion: 75 Resp: 72057

Ion Ratio Lower Upper

75 100

77 32.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 58.738 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025721.D

Acq: 25 Apr 2022 17:05

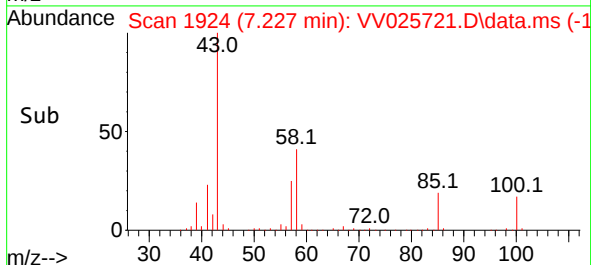
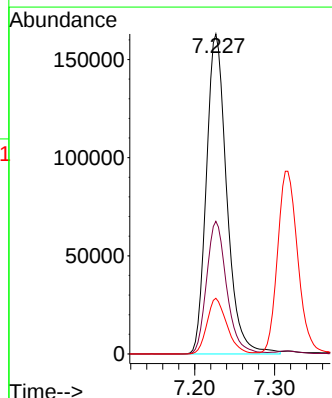
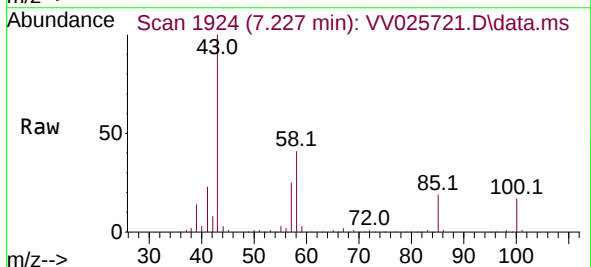
Tgt Ion: 43 Resp: 289175

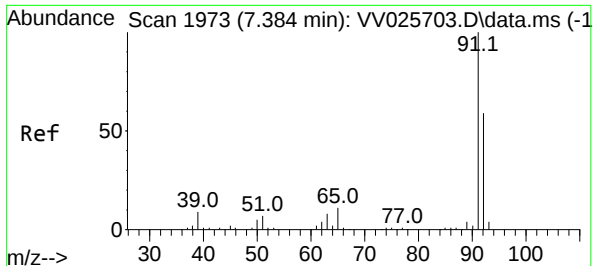
Ion Ratio Lower Upper

43 100

58 41.0 35.1 52.7

100 17.1 15.3 22.9





#42

Toluene

Concen: 4.385 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025721.D

Acq: 25 Apr 2022 17:05

Instrument :

MSVOA_V

ClientSampleId :

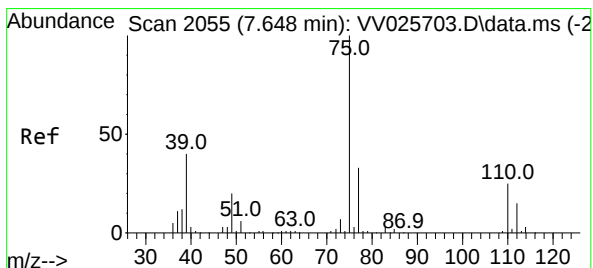
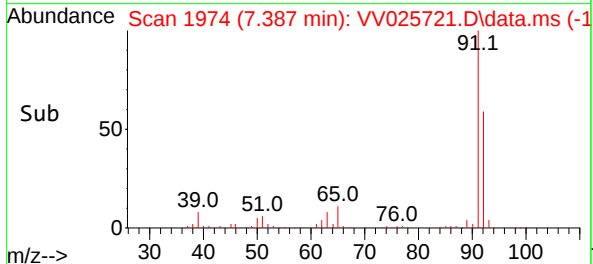
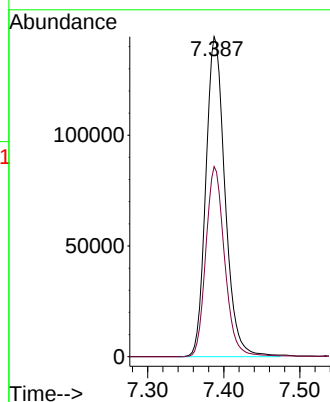
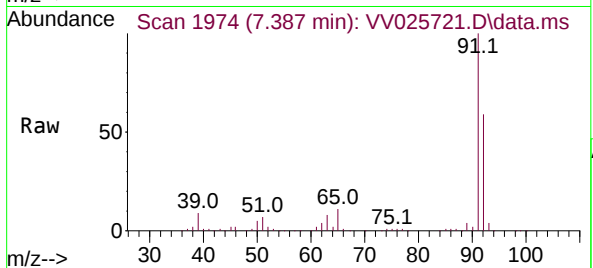
VSTD005393

Tgt Ion: 91 Resp: 253501

Ion Ratio Lower Upper

91 100

92 59.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.738 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025721.D

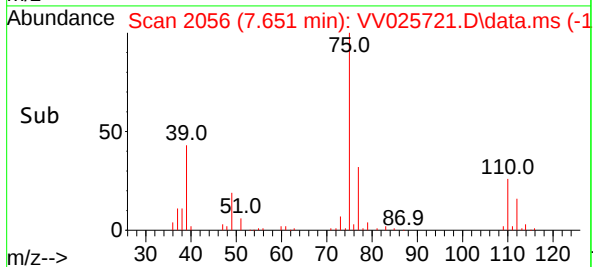
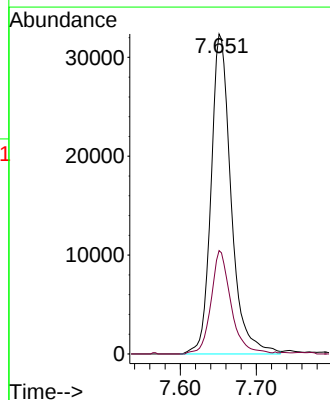
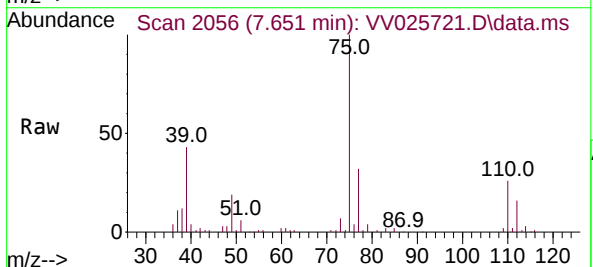
Acq: 25 Apr 2022 17:05

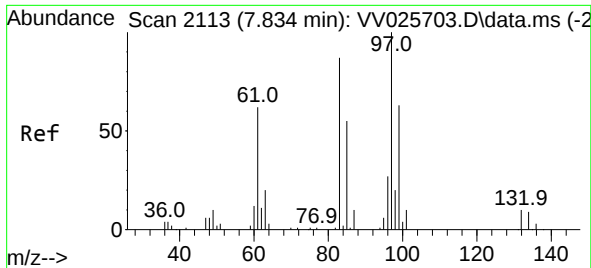
Tgt Ion: 75 Resp: 59309

Ion Ratio Lower Upper

75 100

77 32.3 21.7 40.3

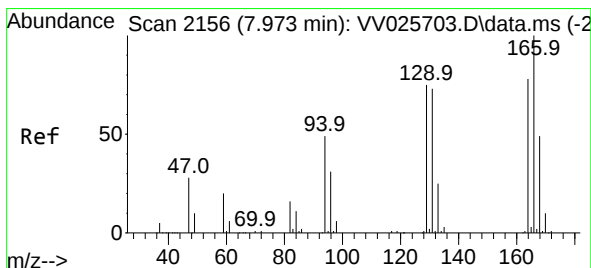
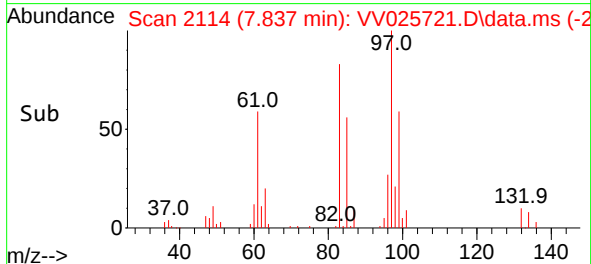
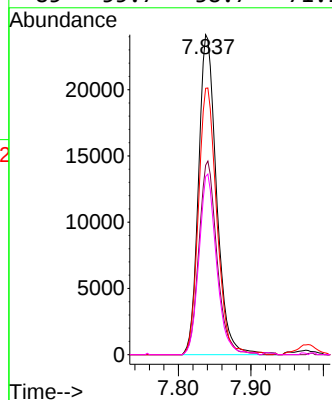
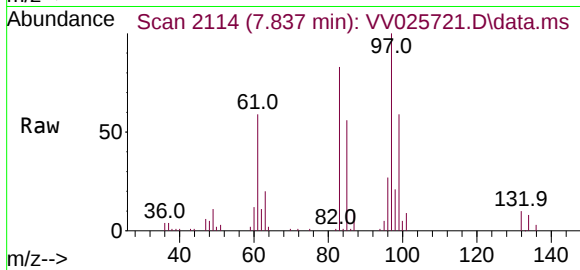




#45
1,1,2-Trichloroethane
Concen: 5.075 ug/L
RT: 7.837 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

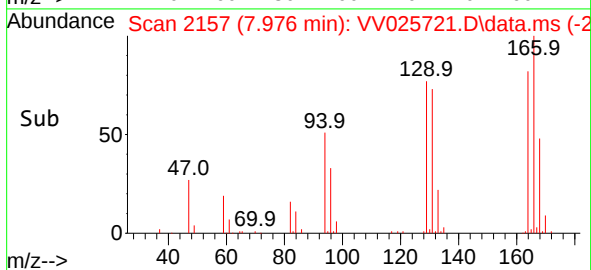
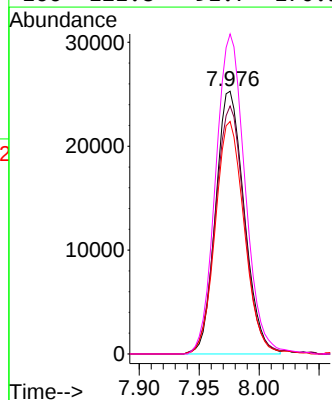
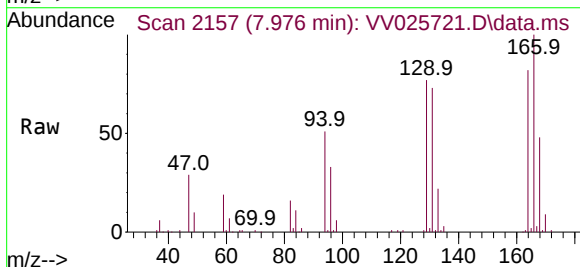
Instrument :
MSVOA_V
ClientSampleId :
VSTD005393

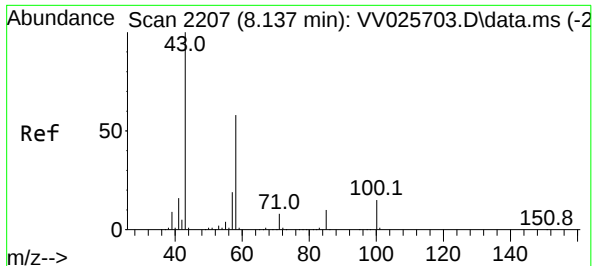
Tgt Ion:	97	Resp:	41790
Ion	Ratio	Lower	Upper
97	100		
99	59.2	43.8	81.4
83	83.3	60.3	112.1
85	55.7	38.7	71.9



#47
Tetrachloroethene
Concen: 3.799 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

Tgt Ion:	164	Resp:	41969
Ion	Ratio	Lower	Upper
164	100		
129	94.4	66.8	124.2
131	88.5	66.4	123.4
166	121.8	91.7	170.3

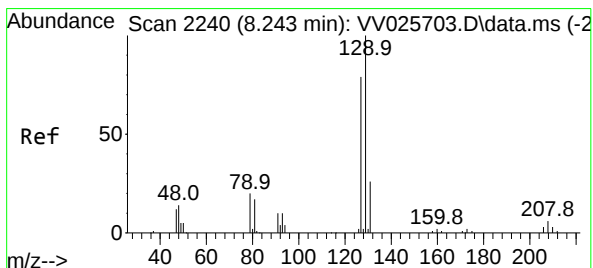
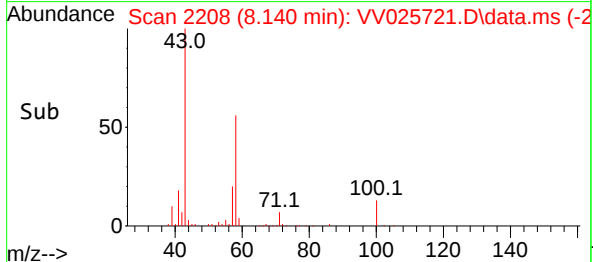
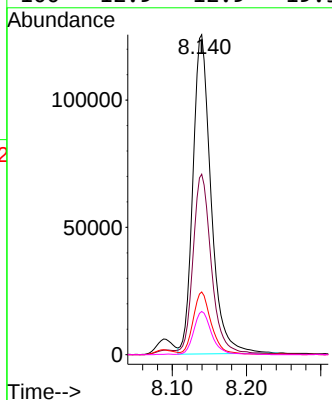
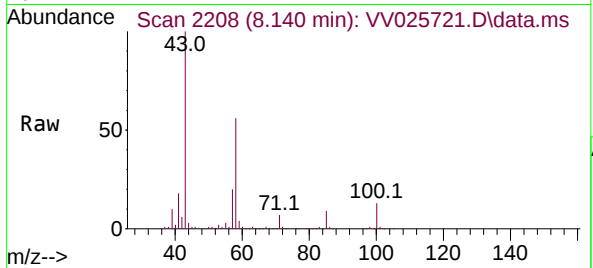




#48
2-Hexanone
Concen: 62.300 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

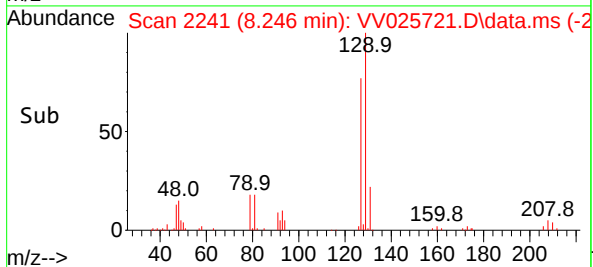
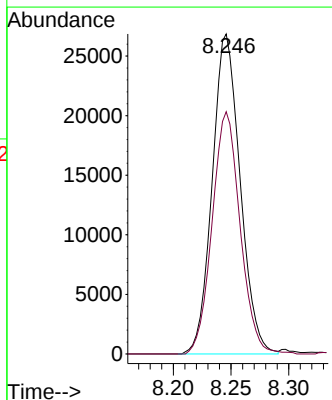
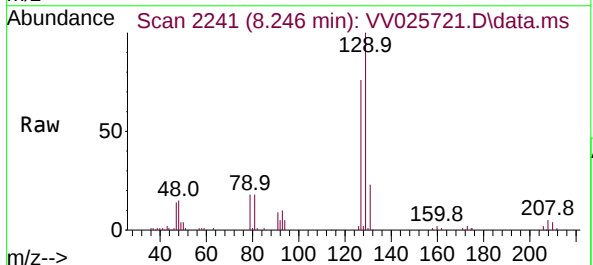
Instrument :
MSVOA_V
ClientSampleId :
VSTD005393

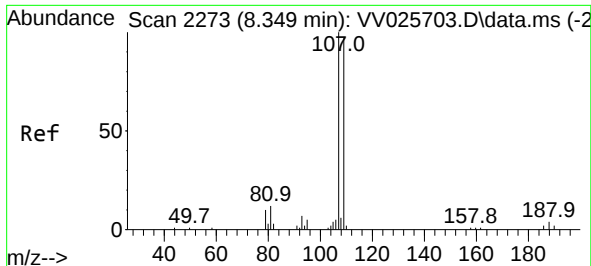
Tgt Ion: 43 Resp: 213747
Ion Ratio Lower Upper
43 100
58 57.1 49.7 74.5
57 19.5 16.4 24.6
100 12.9 12.9 19.3



#49
Dibromochloromethane
Concen: 4.997 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

Tgt Ion: 129 Resp: 45172
Ion Ratio Lower Upper
129 100
127 75.7 53.8 100.0





#50

1,2-Dibromoethane

Concen: 4.466 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025721.D

Acq: 25 Apr 2022 17:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005393

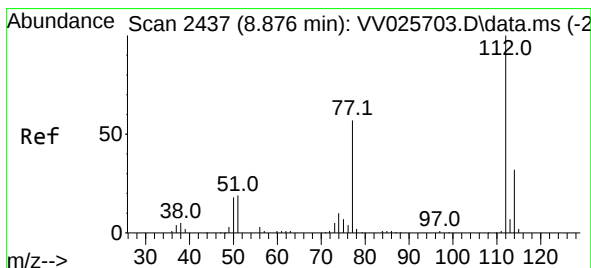
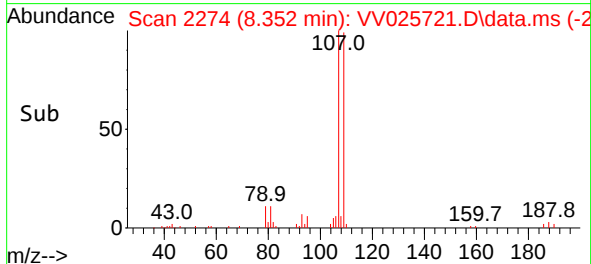
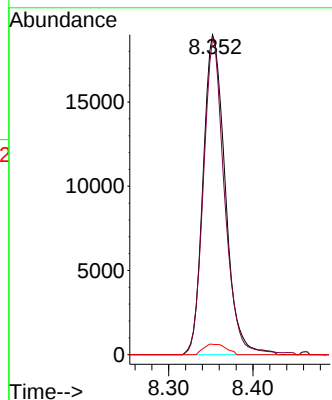
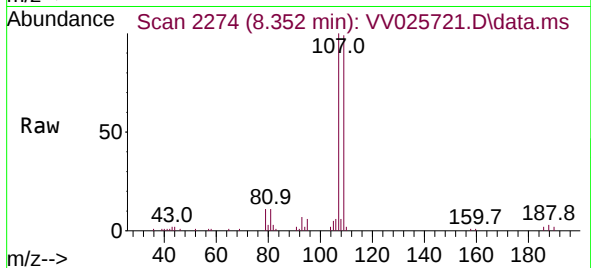
Tgt Ion:107 Resp: 34537

Ion Ratio Lower Upper

107 100

109 98.7 65.9 122.3

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 4.232 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.006 min

Lab File: VV025721.D

Acq: 25 Apr 2022 17:05

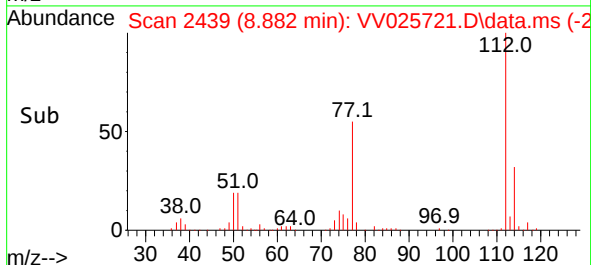
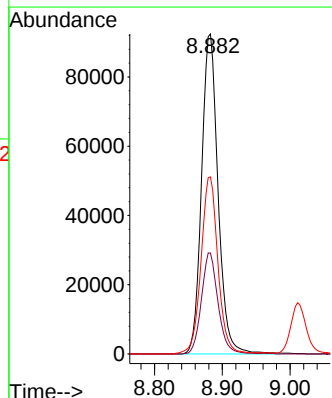
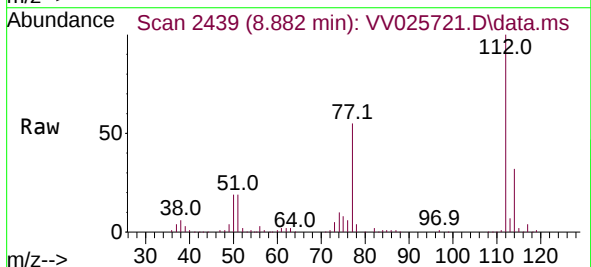
Tgt Ion:112 Resp: 156215

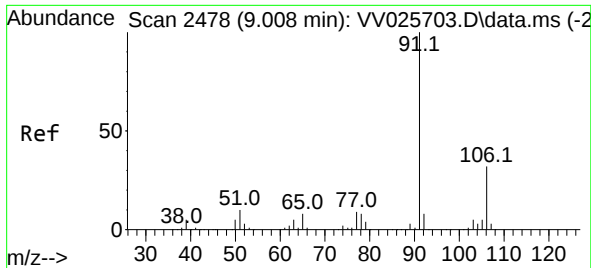
Ion Ratio Lower Upper

112 100

114 31.5 22.4 41.6

77 55.4 43.7 65.5

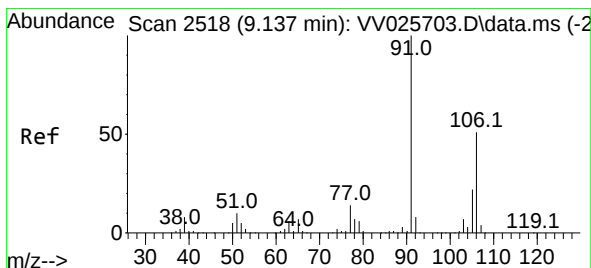
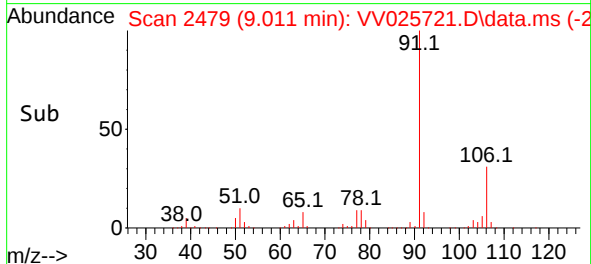
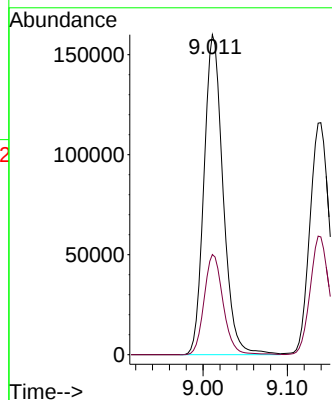
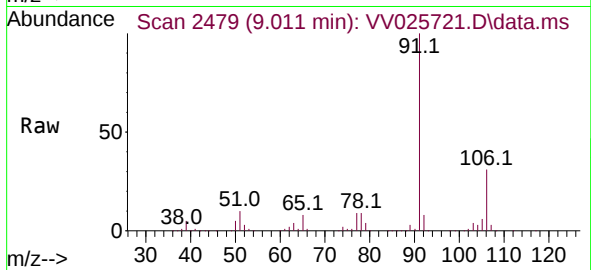




#52
Ethylbenzene
Concen: 4.100 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

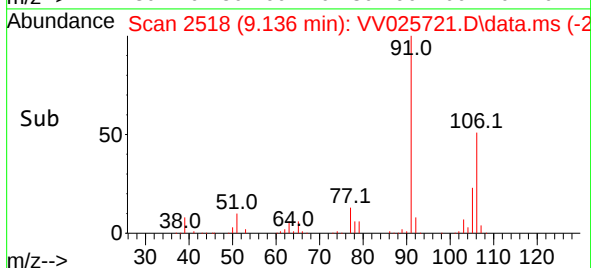
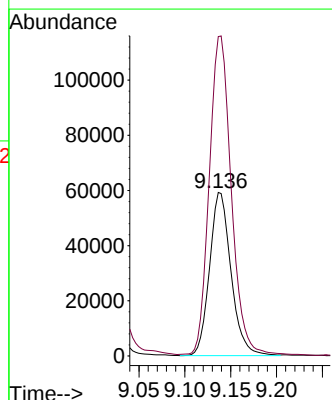
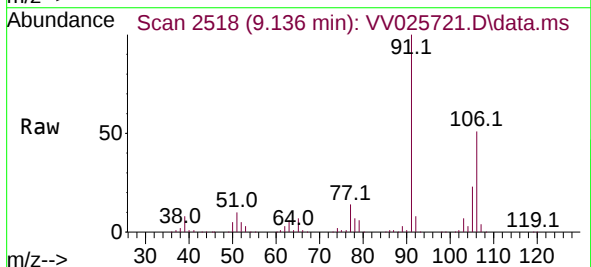
Instrument :
MSVOA_V
ClientSampleId :
VSTD005393

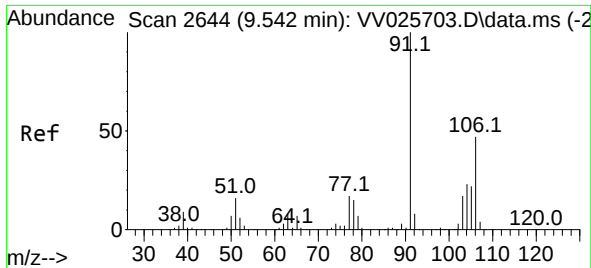
Tgt Ion: 91 Resp: 252832
Ion Ratio Lower Upper
91 100
106 31.3 22.3 41.3



#53
m,p-Xylene
Concen: 4.114 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

Tgt Ion: 106 Resp: 96448
Ion Ratio Lower Upper
106 100
91 195.3 136.4 253.4

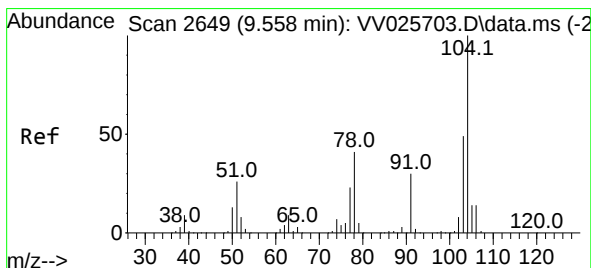
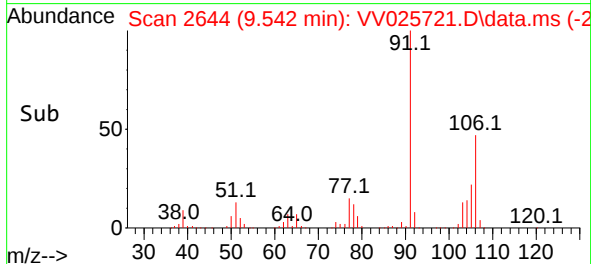
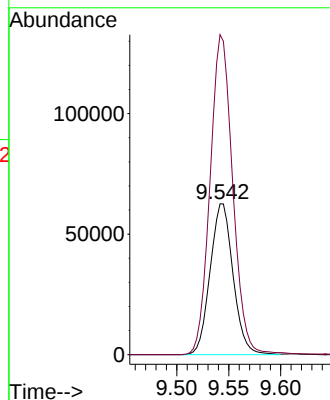
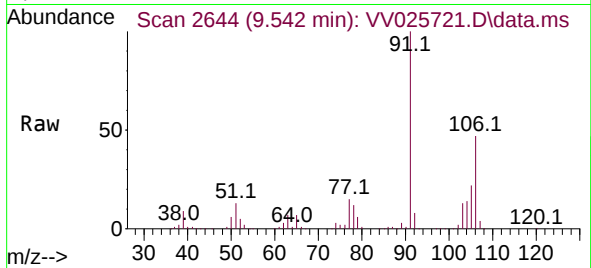




#54
o-Xylene
Concen: 4.225 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

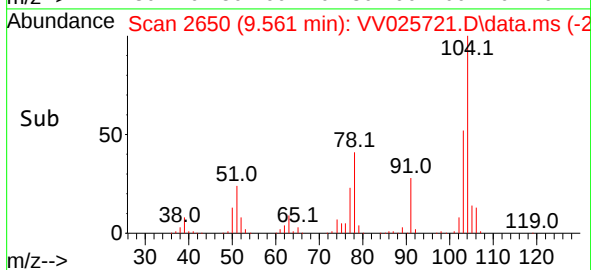
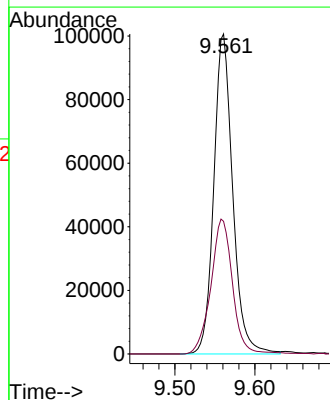
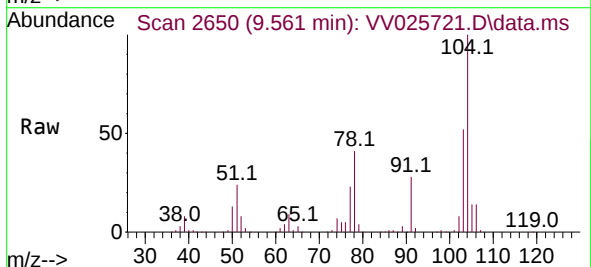
Instrument : MSVOA_V
ClientSampleId : VSTD005393

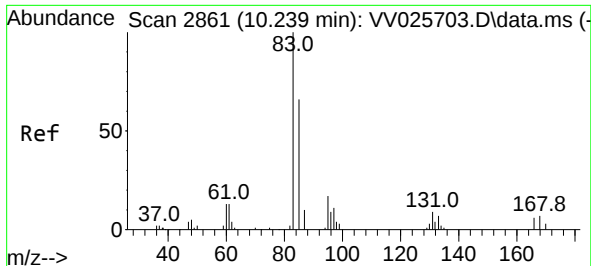
Tgt Ion:106 Resp: 96208
Ion Ratio Lower Upper
106 100
91 212.0 150.4 279.2



#55
Styrene
Concen: 4.460 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

Tgt Ion:104 Resp: 165129
Ion Ratio Lower Upper
104 100
78 41.5 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.961 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV025721.D

Acq: 25 Apr 2022 17:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD005393

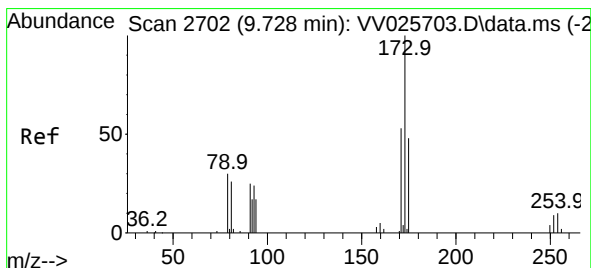
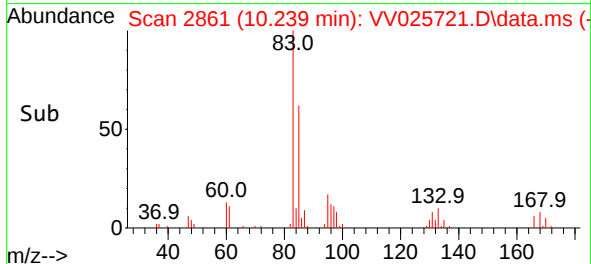
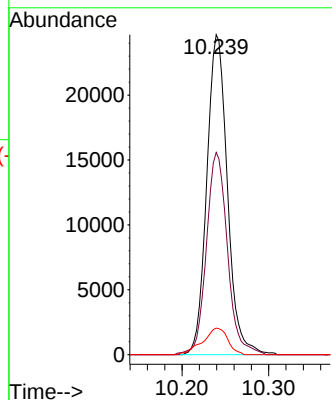
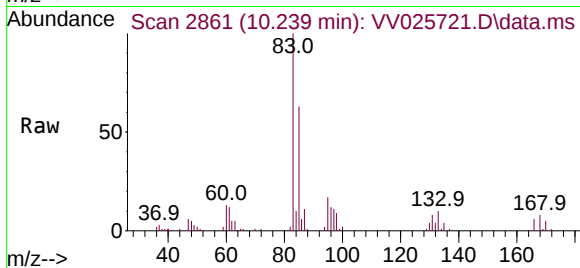
Tgt Ion: 83 Resp: 40814

Ion Ratio Lower Upper

83 100

85 63.2 45.1 83.9

131 8.3 7.9 11.9



#59

Bromoform

Concen: 4.762 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV025721.D

Acq: 25 Apr 2022 17:05

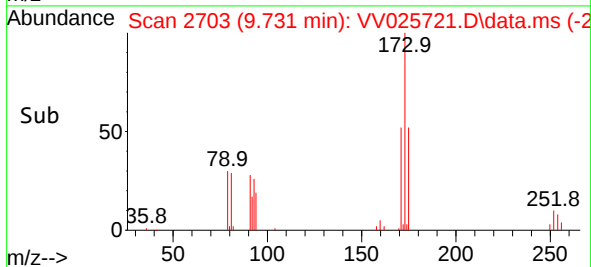
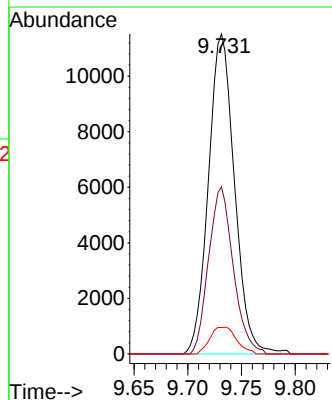
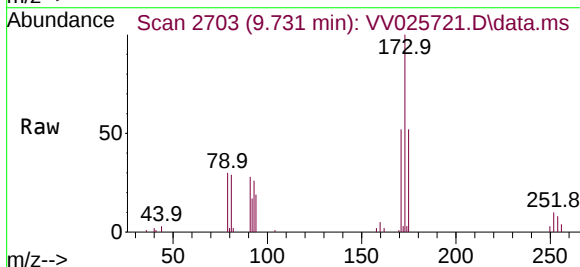
Tgt Ion: 173 Resp: 19404

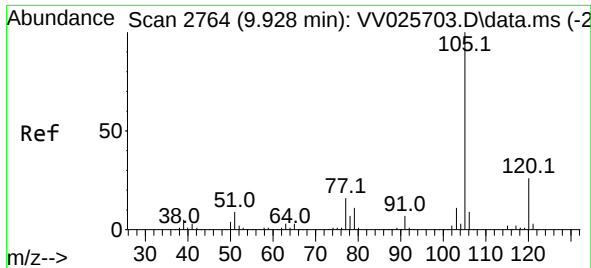
Ion Ratio Lower Upper

173 100

175 49.4 40.8 61.2

254 8.5 7.0 10.6

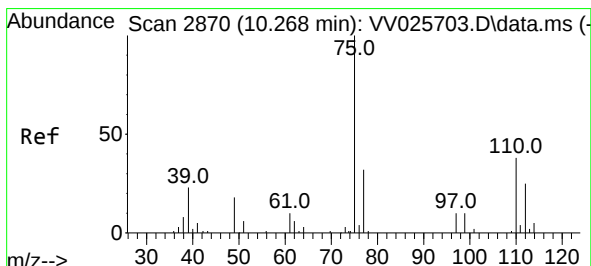
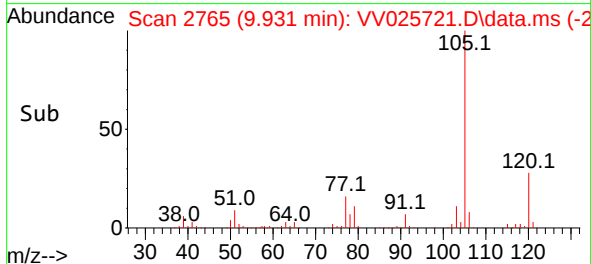
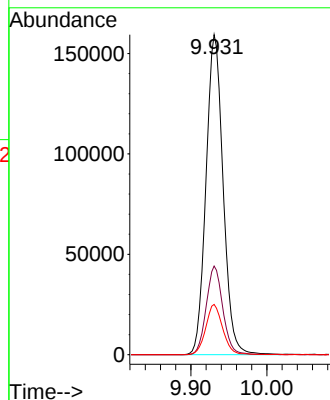
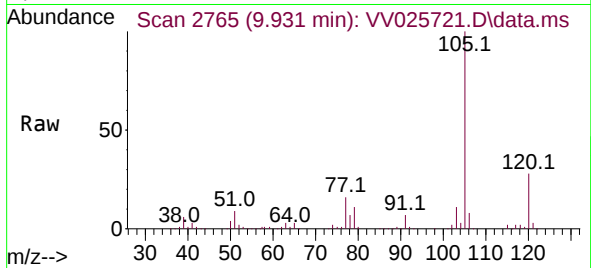




#60
Isopropylbenzene
Concen: 4.076 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

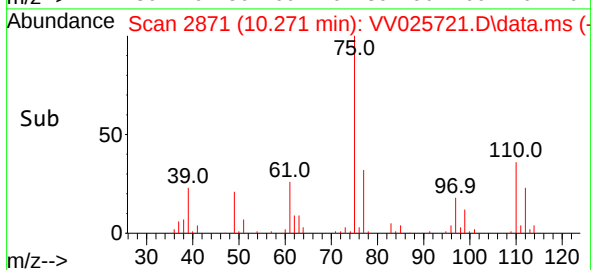
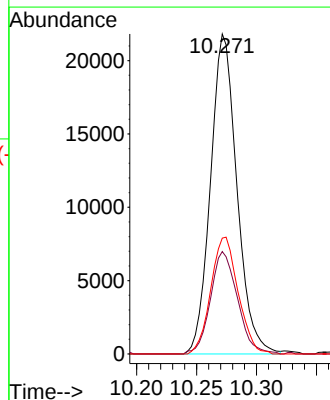
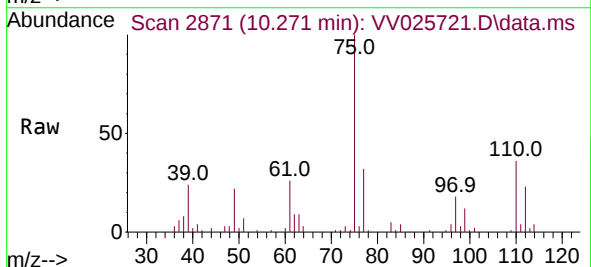
Instrument :
MSVOA_V
ClientSampleId :
VSTD005393

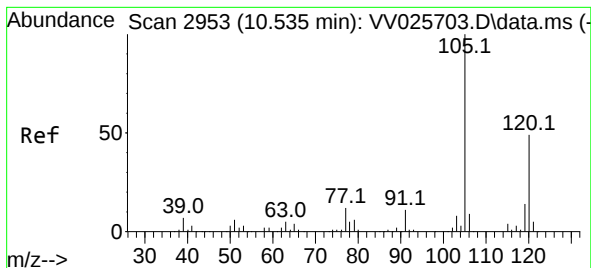
Tgt Ion:105 Resp: 249075
Ion Ratio Lower Upper
105 100
120 26.9 21.2 31.8
77 15.6 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.134 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

Tgt Ion: 75 Resp: 33384
Ion Ratio Lower Upper
75 100
77 32.7 25.6 38.4
110 37.7 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 3.763 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV025721.D

Acq: 25 Apr 2022 17:05

Instrument :

MSVOA_V

ClientSampleId :

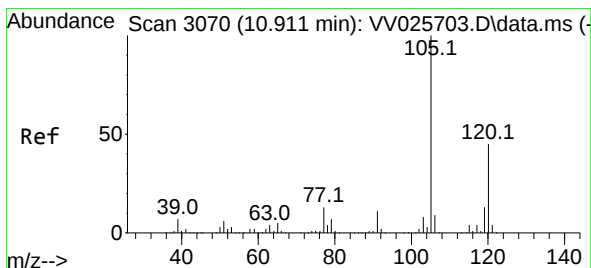
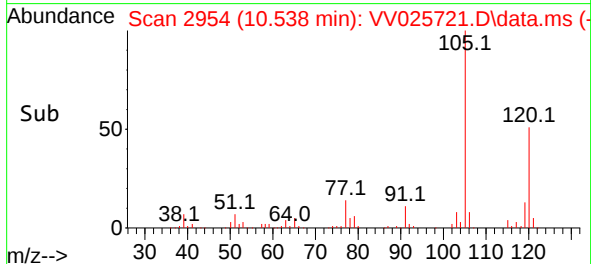
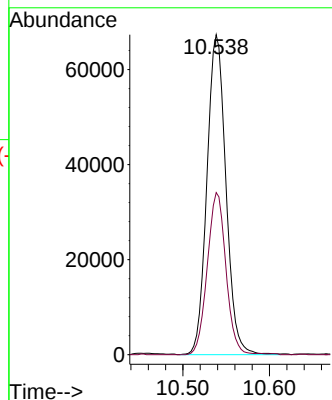
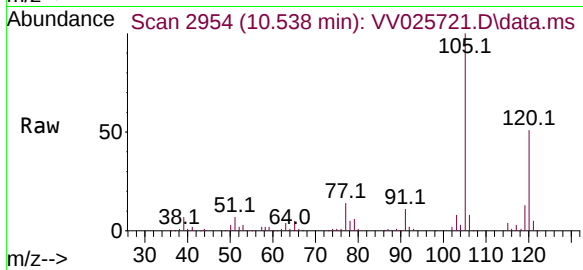
VSTD005393

Tgt Ion:105 Resp: 102537

Ion Ratio Lower Upper

105 100

120 49.8 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 3.880 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025721.D

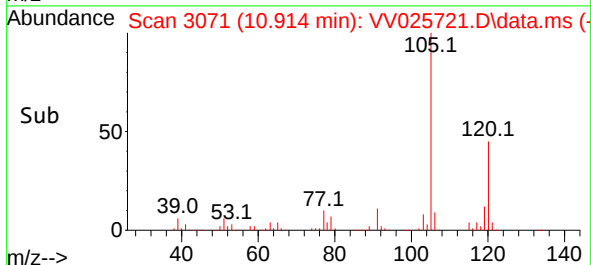
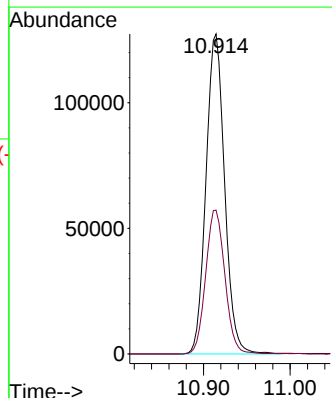
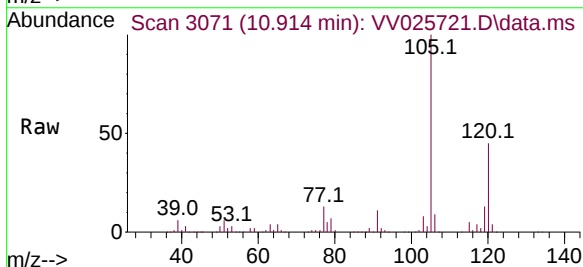
Acq: 25 Apr 2022 17:05

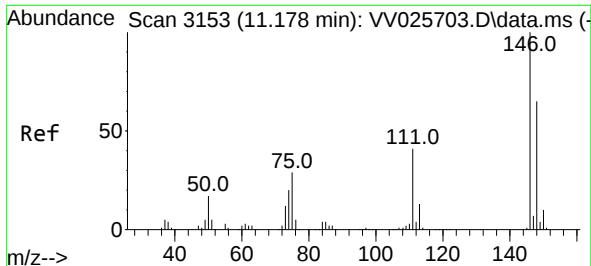
Tgt Ion:105 Resp: 190469

Ion Ratio Lower Upper

105 100

120 46.4 36.6 55.0

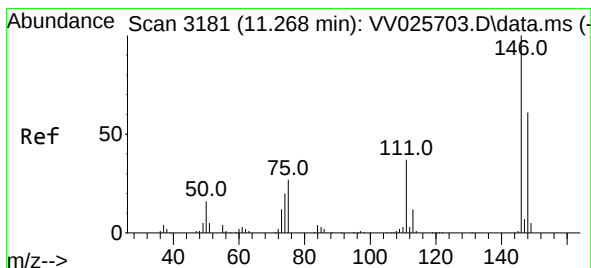
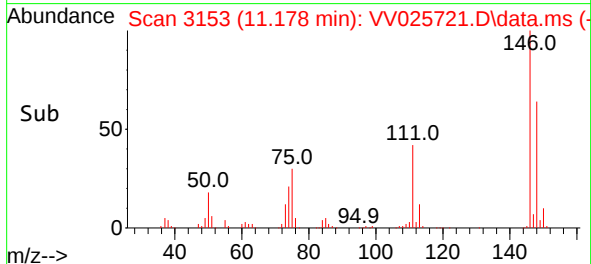
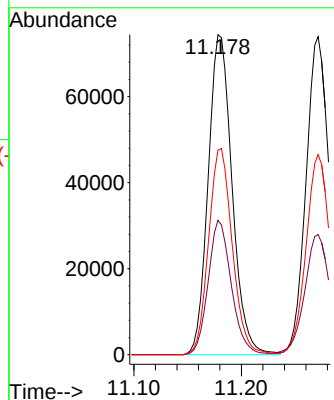
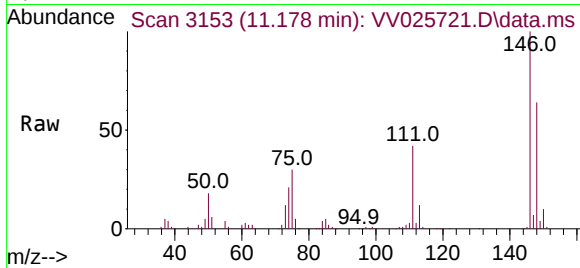




#64
1,3-Dichlorobenzene
Concen: 4.035 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

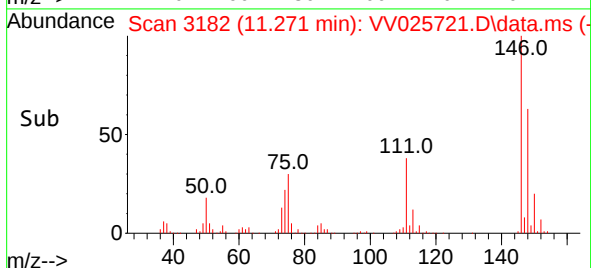
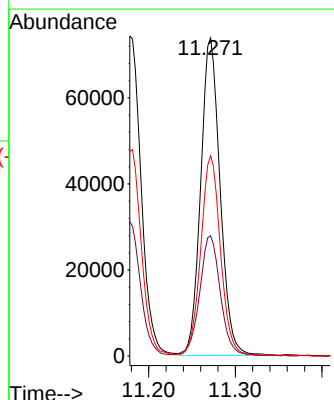
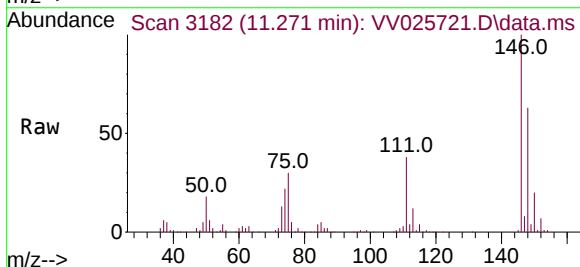
Instrument :
MSVOA_V
ClientSampleId :
VSTD005393

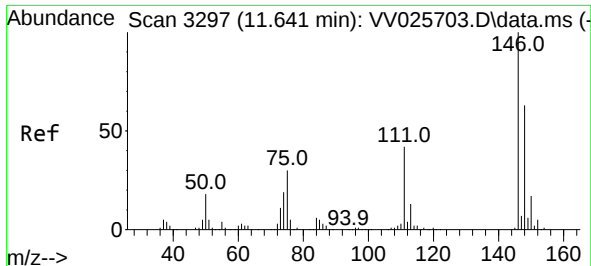
Tgt Ion:146 Resp: 115092
Ion Ratio Lower Upper
146 100
111 42.0 27.4 50.8
148 63.9 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 3.967 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

Tgt Ion:146 Resp: 114876
Ion Ratio Lower Upper
146 100
111 37.8 26.7 49.7
148 62.9 42.8 79.6

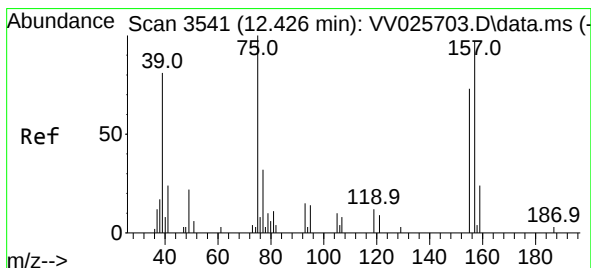
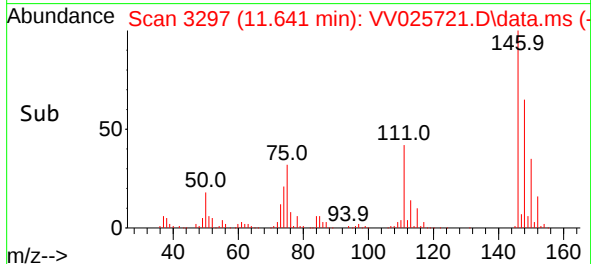
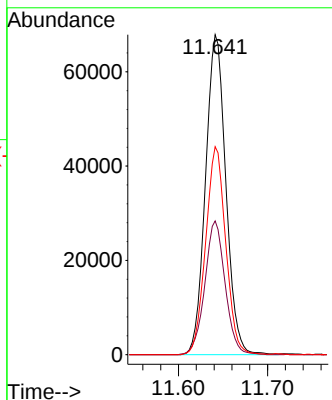
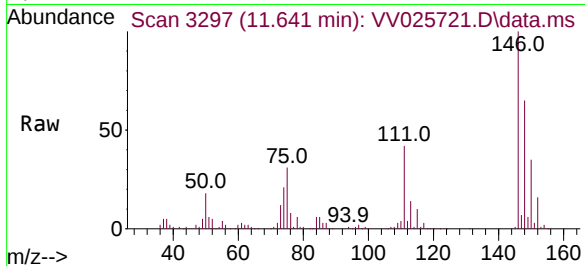




#67
1,2-Dichlorobenzene
Concen: 4.256 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

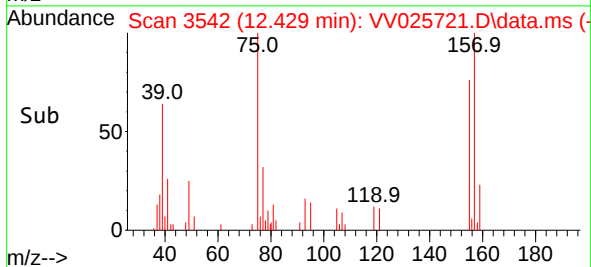
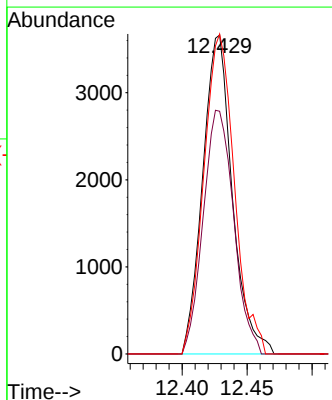
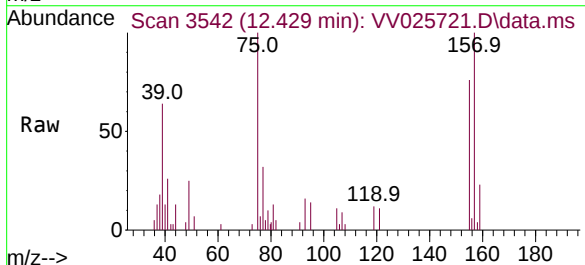
Instrument :
MSVOA_V
ClientSampleId :
VSTD005393

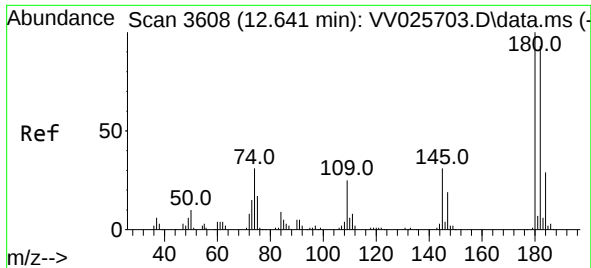
Tgt Ion:146 Resp: 107505
Ion Ratio Lower Upper
146 100
111 41.8 33.6 50.4
148 65.0 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.170 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

Tgt Ion: 75 Resp: 5812
Ion Ratio Lower Upper
75 100
155 76.1 65.8 98.8
157 100.3 86.6 130.0

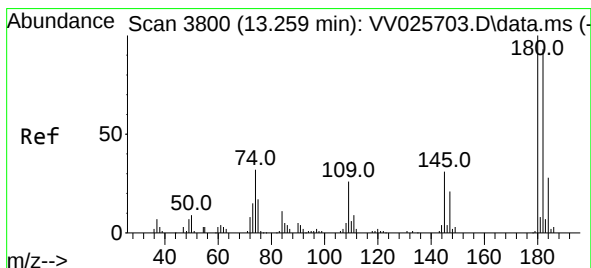
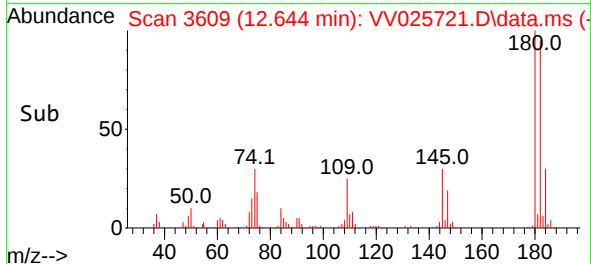
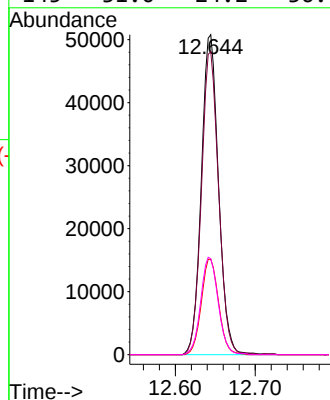
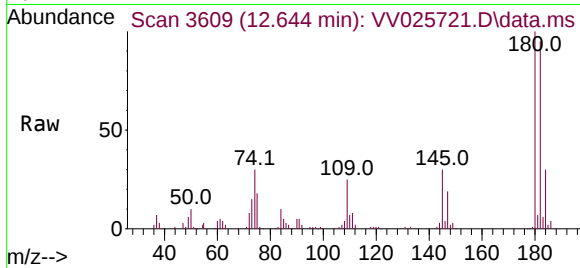




#69
 1,3,5-Trichlorobenzene
 Concen: 3.507 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV025721.D
 Acq: 25 Apr 2022 17:05

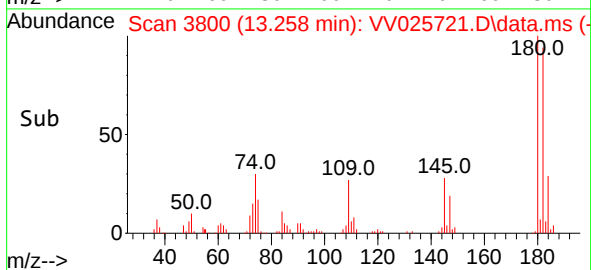
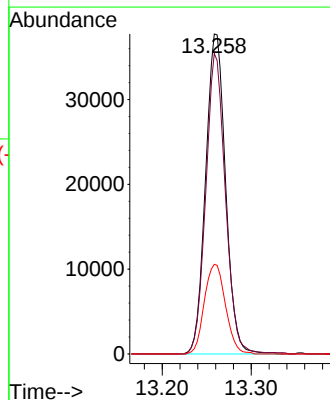
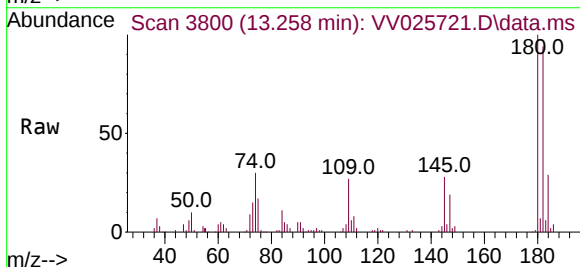
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005393

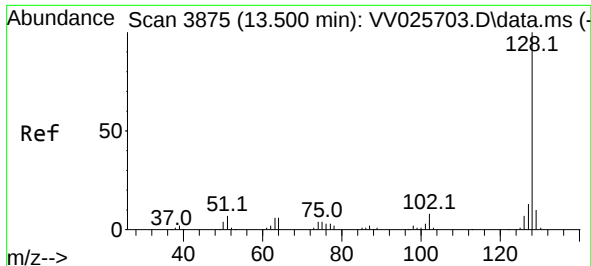
Tgt Ion:180	Resp:	76114
Ion Ratio	Lower	Upper
180	100	
182	94.7	75.3 112.9
184	30.0	23.4 35.2
145	31.0	24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 3.502 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV025721.D
 Acq: 25 Apr 2022 17:05

Tgt Ion:180	Resp:	58581
Ion Ratio	Lower	Upper
180	100	
182	92.1	76.6 114.8
145	29.7	24.6 36.8

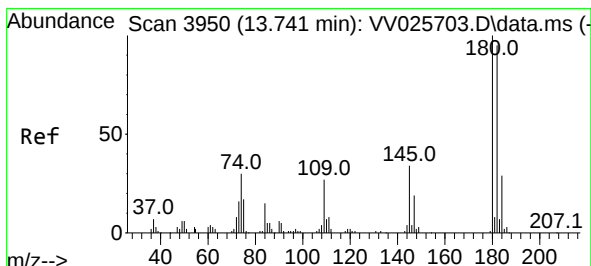
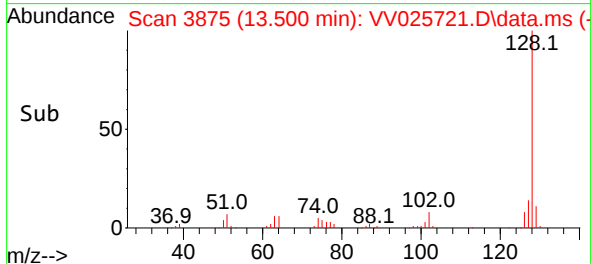
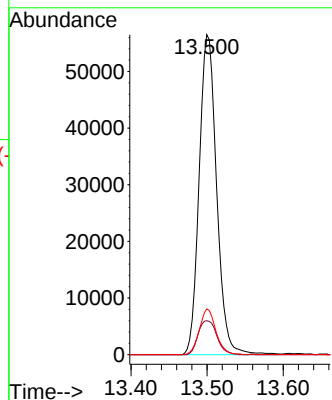
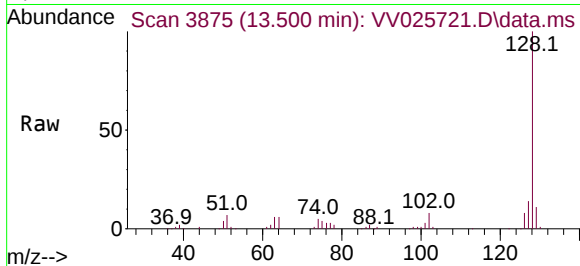




#71
Naphthalene
Concen: 3.671 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

Instrument :
MSVOA_V
ClientSampleId :
VSTD005393

Tgt Ion:128 Resp: 90106
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 3.652 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025721.D
Acq: 25 Apr 2022 17:05

Tgt Ion:180 Resp: 50592
Ion Ratio Lower Upper
180 100
182 95.0 77.7 116.5
145 32.4 27.4 41.2

