

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032422\
 Data File : VW025167.D
 Acq On : 24 Mar 2022 22:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005347

Quant Time: Mar 25 03:13:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 02:51:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	150186	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	142300	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70806	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	67689	5.709	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.200%
7) Chloroethane-d5	1.571	69	53022	6.107	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.200%
11) 1,1-Dichloroethene-d2	2.111	63	111016	5.793	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.800%
20) 2-Butanone-d5	3.895	46	100309	70.001	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	140.000%#
24) Chloroform-d	4.352	84	118612	6.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.600%
26) 1,2-Dichloroethane-d4	5.037	65	49719	6.047	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.000%
32) Benzene-d6	5.053	84	247857	6.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.000%
36) 1,2-Dichloropropane-d6	6.069	67	69742	5.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.600%
41) Toluene-d8	7.317	98	230415	6.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.400%
43) trans-1,3-Dichloroprop...	7.625	79	22295	5.388	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.800%
46) 2-Hexanone-d5	8.088	63	84352	59.762	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.520%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43606	6.245	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.800%#
66) 1,2-Dichlorobenzene-d4	11.622	152	72447	6.044	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	56512	4.259	ug/L	99
3) Chloromethane	1.243	50	54937	4.390	ug/L	100
5) Vinyl chloride	1.314	62	62854	4.760	ug/L	100
6) Bromomethane	1.523	94	37927	4.445	ug/L	99
8) Chloroethane	1.587	64	39594	4.945	ug/L	100
9) Trichlorofluoromethane	1.757	101	88352	4.920	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	46766	4.802	ug/L	98
12) 1,1-Dichloroethene	2.121	96	49033	5.125	ug/L	89
13) Acetone	2.185	43	58234	60.764	ug/L	79
14) Carbon disulfide	2.297	76	143499	4.192	ug/L	100
15) Methyl Acetate	2.442	43	15746	5.997	ug/L	96
16) Methylene chloride	2.510	84	59746	5.154	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	110751	5.314	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	58012	5.038	ug/L	97
19) 1,1-Dichloroethane	3.191	63	101863	5.198	ug/L	99
21) 2-Butanone	3.979	43	91370	60.407	ug/L	80
22) cis-1,2-Dichloroethene	3.915	96	63567	5.468	ug/L	99
23) Bromochloromethane	4.252	128	26007	5.675	ug/L	90
25) Chloroform	4.378	83	110819	5.431	ug/L	99

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 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
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Quant Time: Mar 25 03:13:50 2022
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 Response via : Initial Calibration

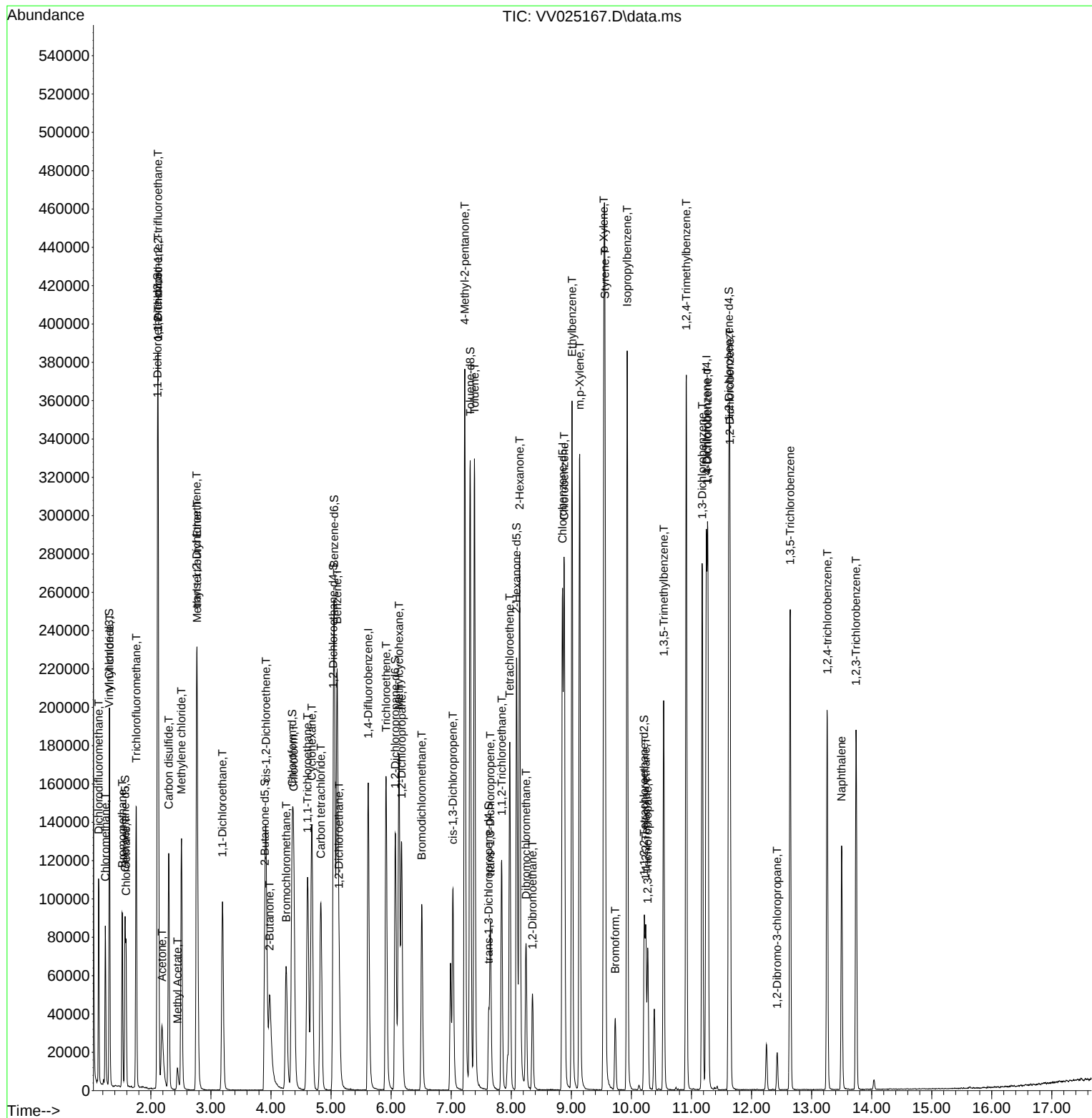
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27) 1,2-Dichloroethane	5.133	62	52299	5.155	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	94449	5.205	ug/L	99
30) Cyclohexane	4.680	56	75059	4.251	ug/L	97
31) Carbon tetrachloride	4.831	117	77176	4.957	ug/L	99
33) Benzene	5.101	78	235340	5.085	ug/L	100
34) Trichloroethene	5.915	95	60974	4.948	ug/L	98
35) Methylcyclohexane	6.130	83	77776	3.987	ug/L	99
37) 1,2-Dichloropropane	6.175	63	54866	5.158	ug/L	100
38) Bromodichloromethane	6.510	83	68770	5.113	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	70448	4.770	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	231162	52.817	ug/L	98
42) Toluene	7.387	91	252271	5.208	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	56201	4.836	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	39670	5.584	ug/L	99
47) Tetrachloroethene	7.976	164	40929	4.721	ug/L	98
48) 2-Hexanone	8.140	43	164533	53.027	ug/L	96
49) Dibromochloromethane	8.246	129	41365	5.202	ug/L	99
50) 1,2-Dibromoethane	8.352	107	35761	5.500	ug/L #	99
51) Chlorobenzene	8.882	112	160646	5.296	ug/L	99
52) Ethylbenzene	9.011	91	257400	5.023	ug/L	99
53) m,p-Xylene	9.140	106	99696	5.052	ug/L	97
54) o-Xylene	9.542	106	98677	5.229	ug/L	98
55) Styrene	9.561	104	165407	5.382	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	40980	5.884	ug/L	99
59) Bromoform	9.731	173	17083	4.480	ug/L	97
60) Isopropylbenzene	9.931	105	256769	4.809	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	30961	5.199	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	115506	4.767	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	206181	4.805	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	114855	4.959	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	114129	4.888	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	106326	5.181	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	5328	5.219	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	75404	4.609	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	60264	4.727	ug/L	99
71) Naphthalene	13.500	128	102198	4.828	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	54059	5.005	ug/L	98

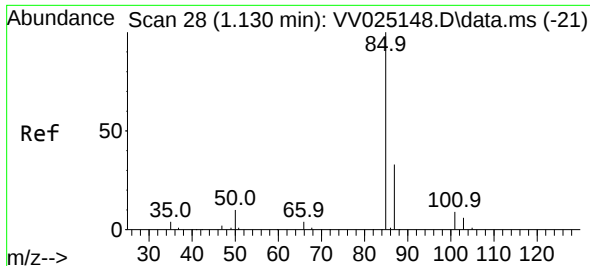
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 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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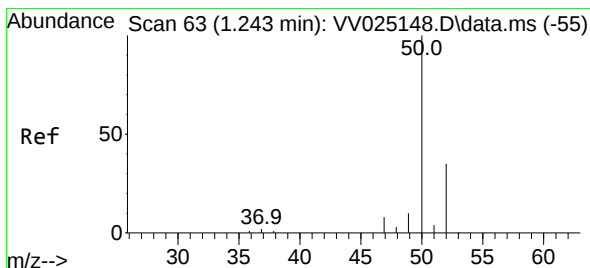
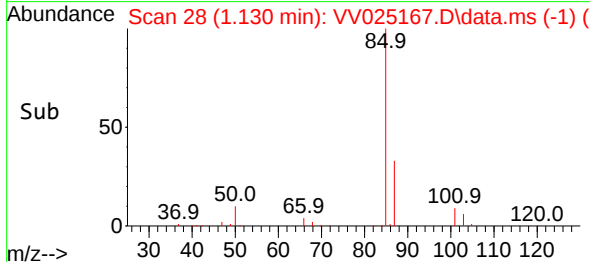
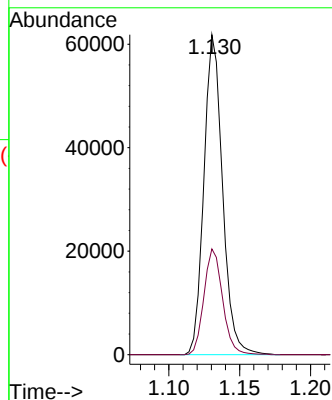
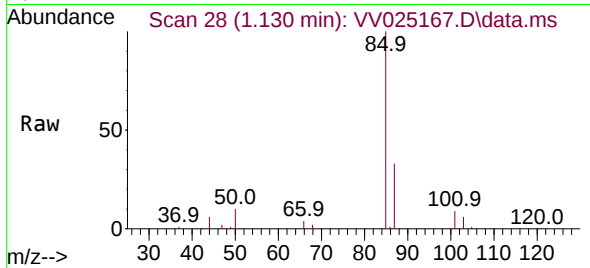




#2
 Dichlorodifluoromethane
 Concen: 4.259 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV025167.D
 Acq: 24 Mar 2022 22:01

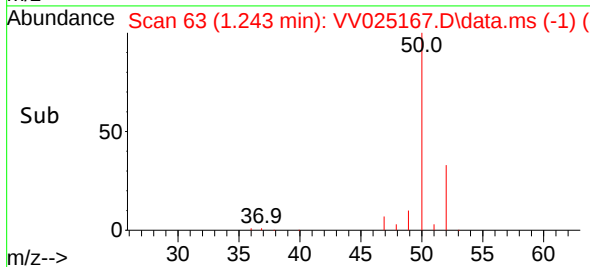
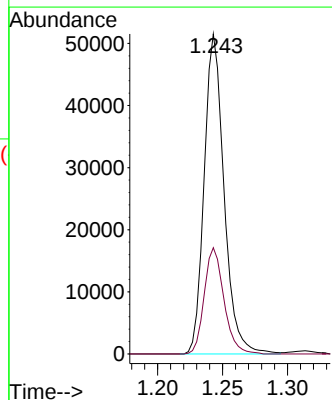
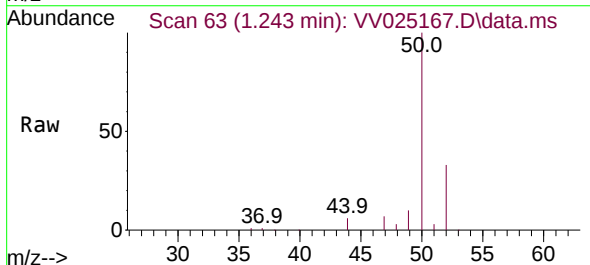
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005347

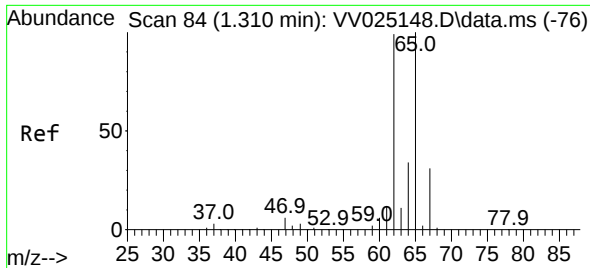
Tgt Ion: 85 Resp: 56512
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.7 40.1



#3
 Chloromethane
 Concen: 4.390 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025167.D
 Acq: 24 Mar 2022 22:01

Tgt Ion: 50 Resp: 54937
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.2 43.2

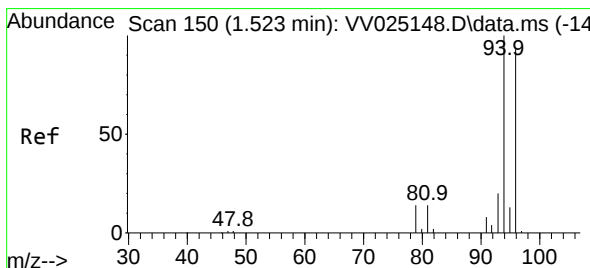
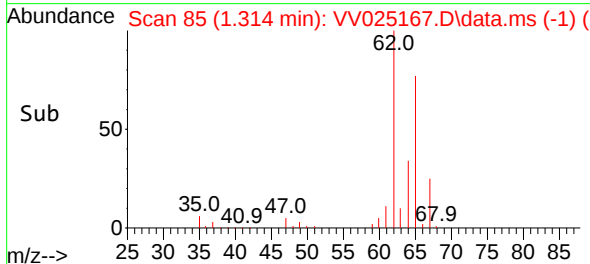
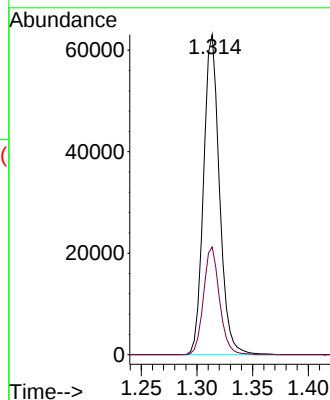
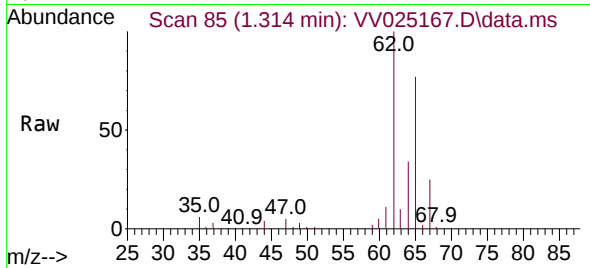




#5
 Vinyl chloride
 Concen: 4.760 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025167.D
 Acq: 24 Mar 2022 22:01

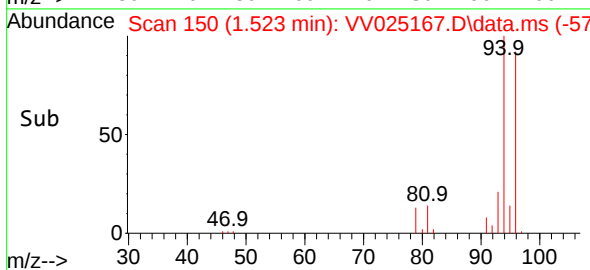
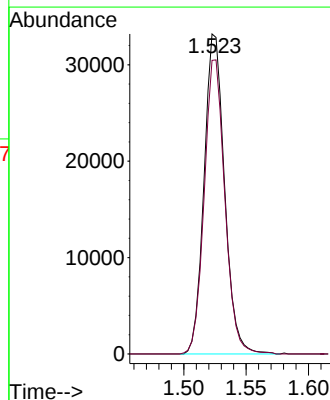
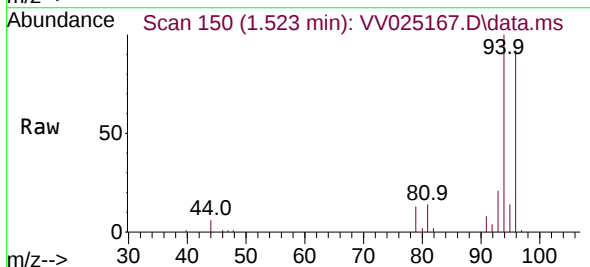
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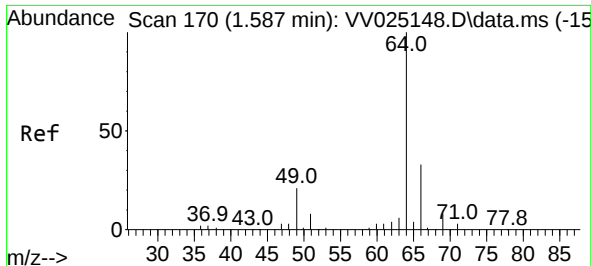
Tgt Ion: 62 Resp: 62854
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.4 43.4



#6
 Bromomethane
 Concen: 4.445 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV025167.D
 Acq: 24 Mar 2022 22:01

Tgt Ion: 94 Resp: 37927
 Ion Ratio Lower Upper
 94 100
 96 91.7 64.9 120.5

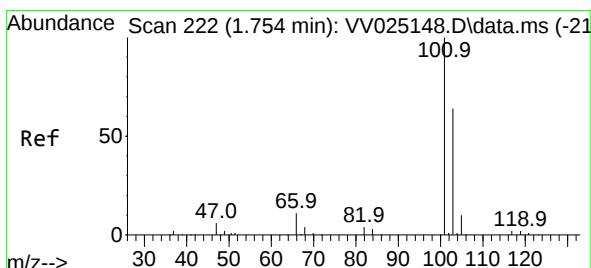
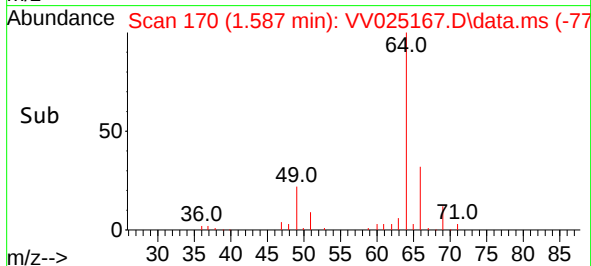
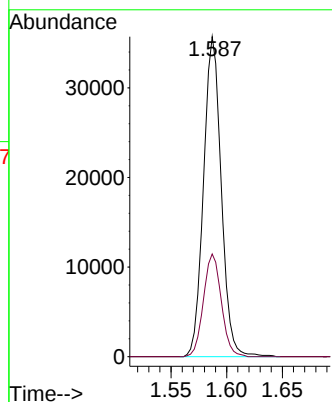
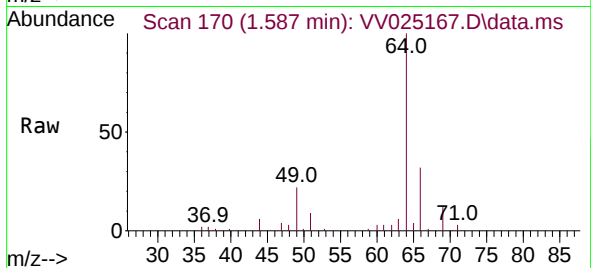




#8
Chloroethane
Concen: 4.945 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025167.D
Acq: 24 Mar 2022 22:01

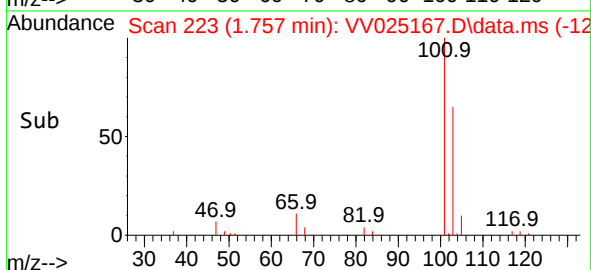
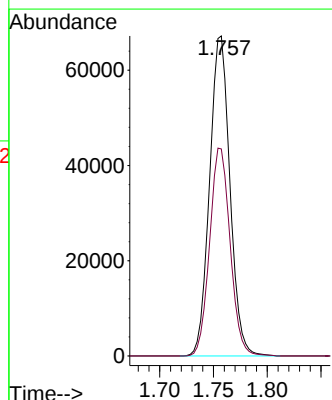
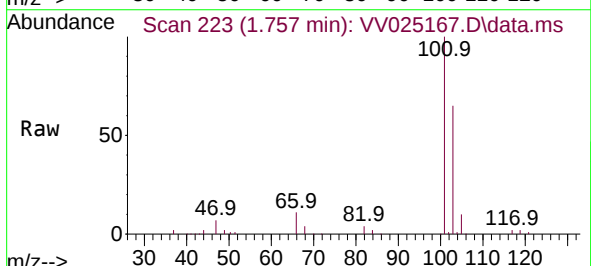
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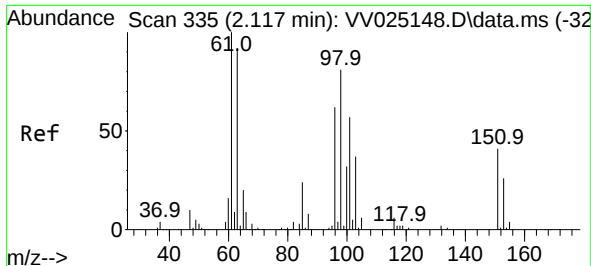
Tgt Ion: 64 Resp: 39594
Ion Ratio Lower Upper
64 100
66 32.1 22.5 41.7



#9
Trichlorofluoromethane
Concen: 4.920 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV025167.D
Acq: 24 Mar 2022 22:01

Tgt Ion:101 Resp: 88352
Ion Ratio Lower Upper
101 100
103 65.5 51.5 77.3

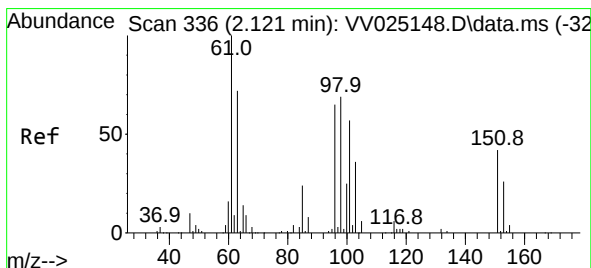
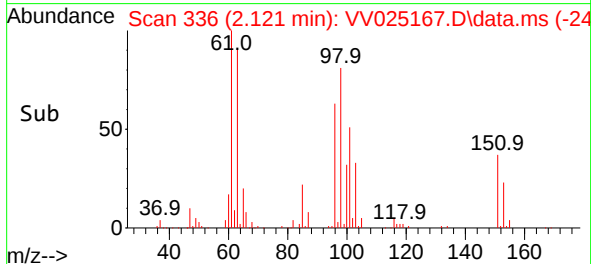
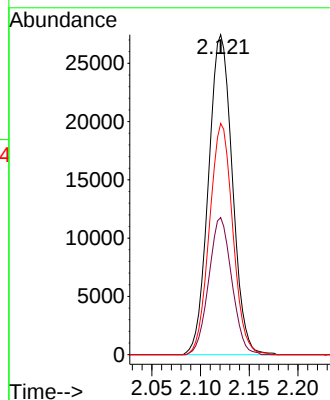
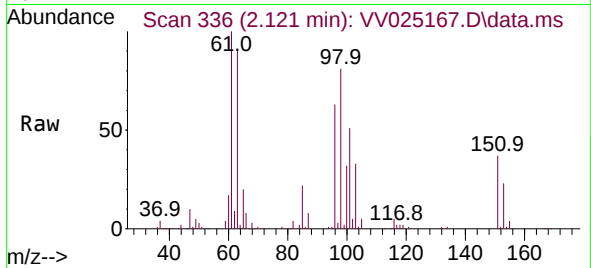




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.802 ug/L
 RT: 2.121 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV025167.D
 Acq: 24 Mar 2022 22:01

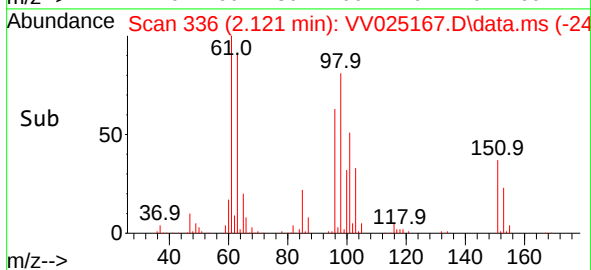
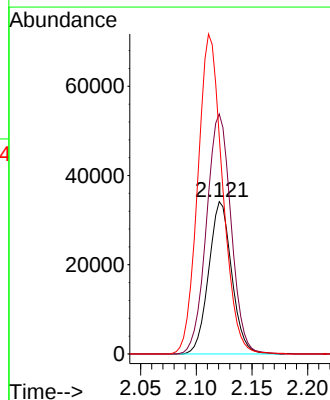
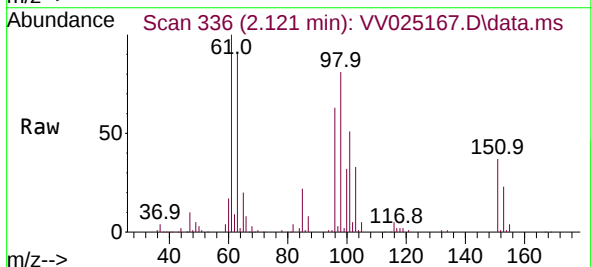
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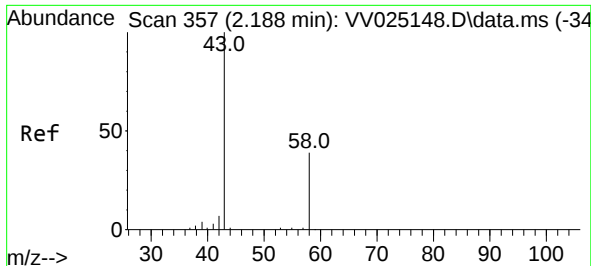
Tgt Ion: 101 Resp: 46766
 Ion Ratio Lower Upper
 101 100
 85 41.3 34.8 52.2
 151 70.6 55.6 83.4



#12
 1,1-Dichloroethene
 Concen: 5.125 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV025167.D
 Acq: 24 Mar 2022 22:01

Tgt Ion: 96 Resp: 49033
 Ion Ratio Lower Upper
 96 100
 61 157.6 113.0 209.9
 63 142.7 82.1 152.5





#13

Acetone

Concen: 60.764 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV025167.D

Acq: 24 Mar 2022 22:01

Instrument :

MSVOA_V

ClientSampleId :

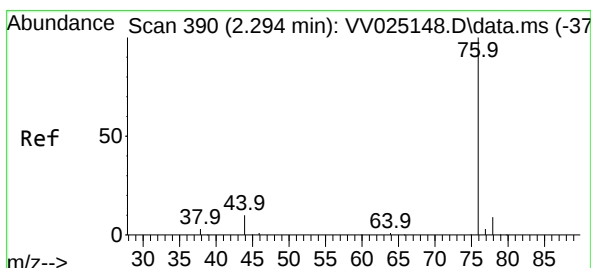
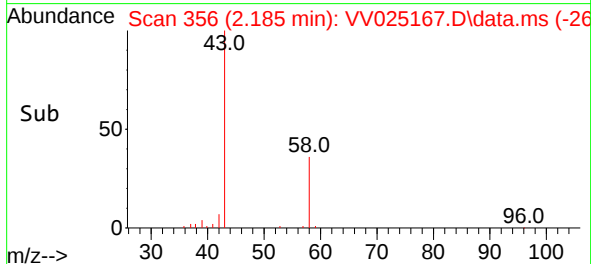
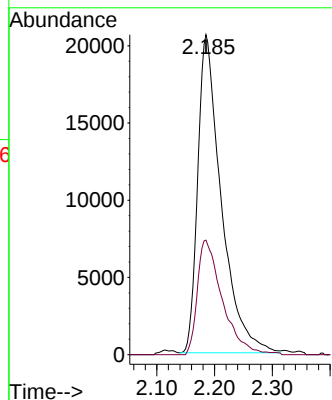
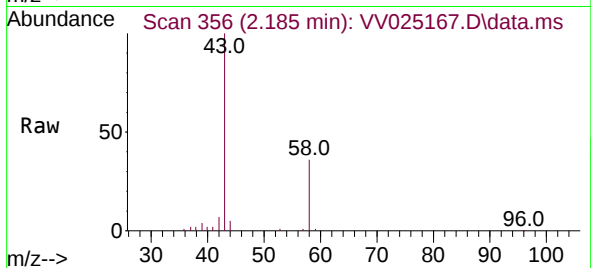
VSTD005347

Tgt Ion: 43 Resp: 58234

Ion Ratio Lower Upper

43 100

58 38.0 0.0 54.2



#14

Carbon disulfide

Concen: 4.192 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV025167.D

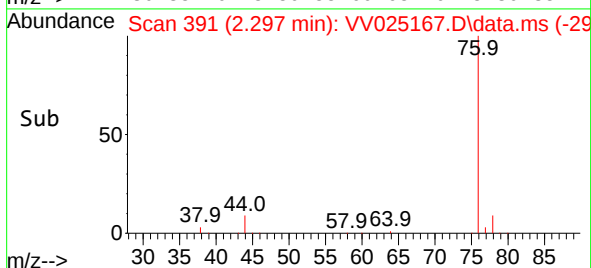
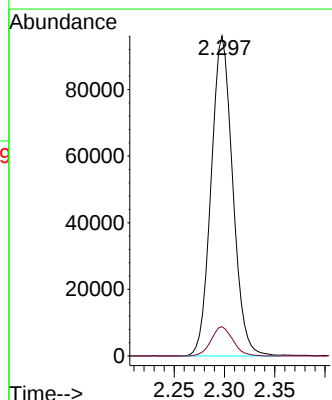
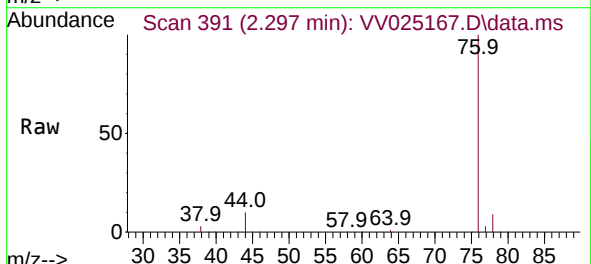
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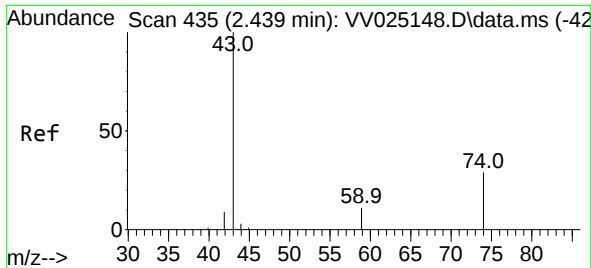
Tgt Ion: 76 Resp: 143499

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

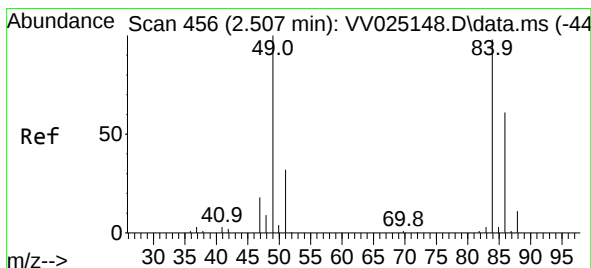
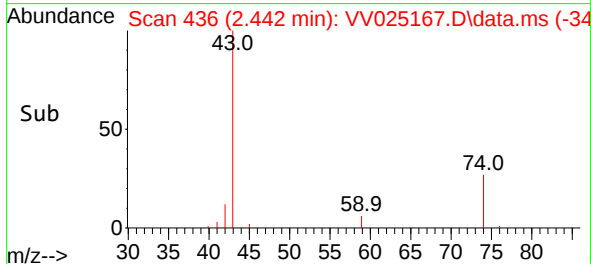
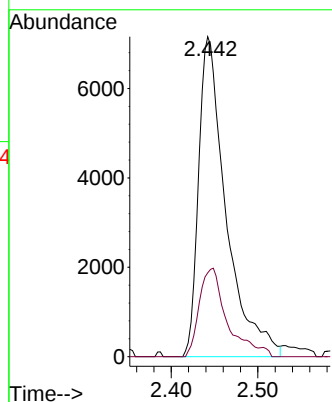
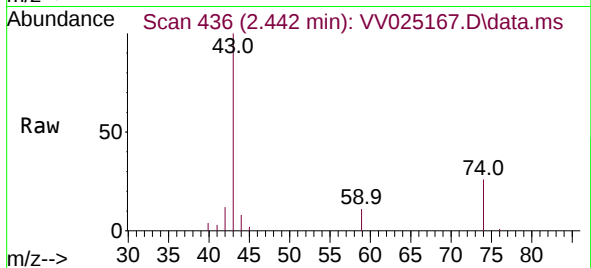




#15
Methyl Acetate
Concen: 5.997 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025167.D
Acq: 24 Mar 2022 22:01

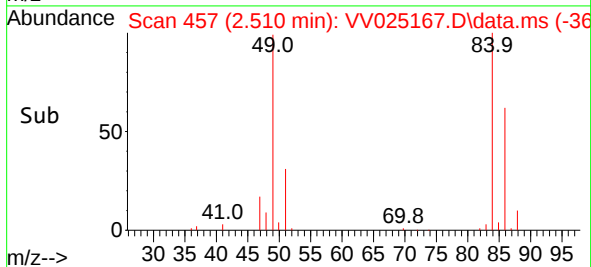
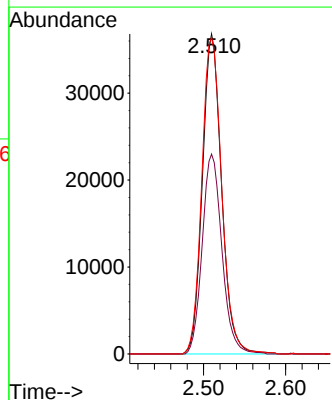
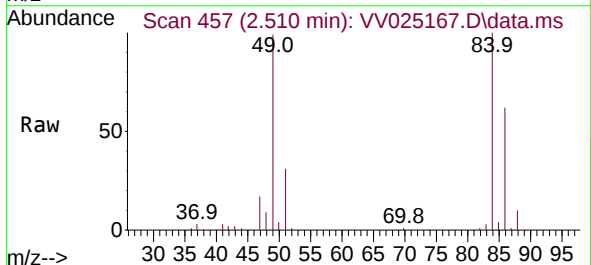
Instrument :
MSVOA_V
ClientSampleId :
VSTD005347

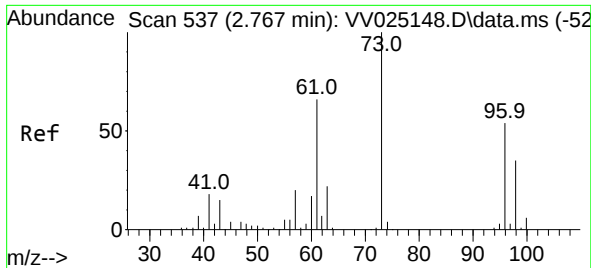
Tgt Ion: 43 Resp: 15746
Ion Ratio Lower Upper
43 100
74 28.2 24.2 36.4



#16
Methylene chloride
Concen: 5.154 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025167.D
Acq: 24 Mar 2022 22:01

Tgt Ion: 84 Resp: 59746
Ion Ratio Lower Upper
84 100
86 62.4 45.5 84.5
49 99.0 75.0 139.2

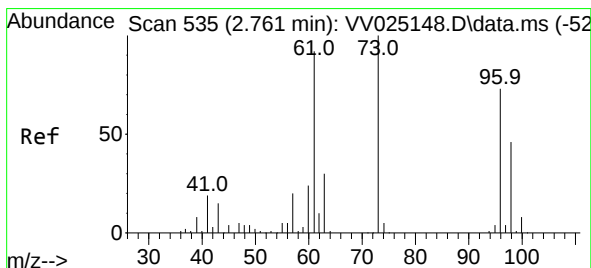
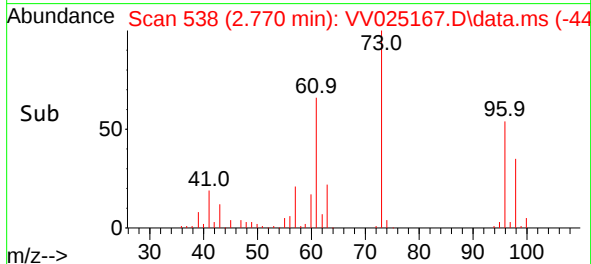
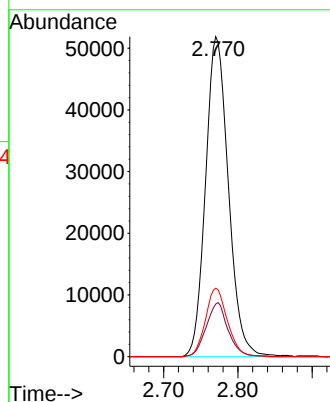
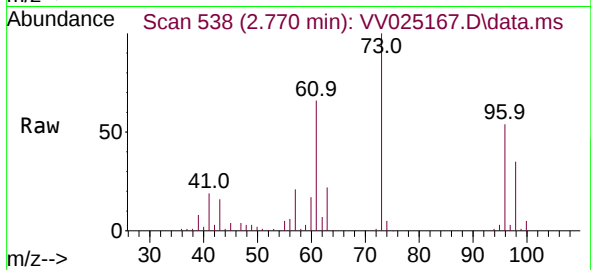




#17
Methyl tert-butyl Ether
Concen: 5.314 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025167.D
Acq: 24 Mar 2022 22:01

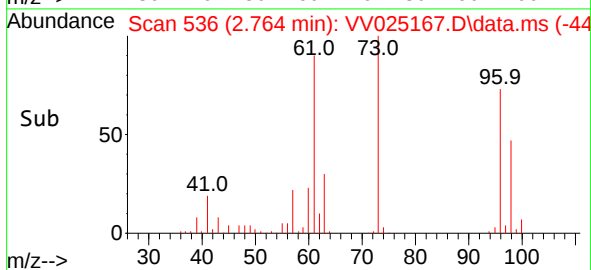
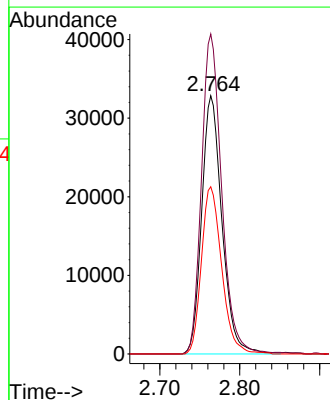
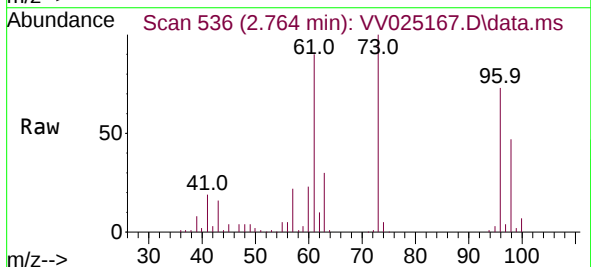
Instrument :
MSVOA_V
ClientSampleId :
VSTD005347

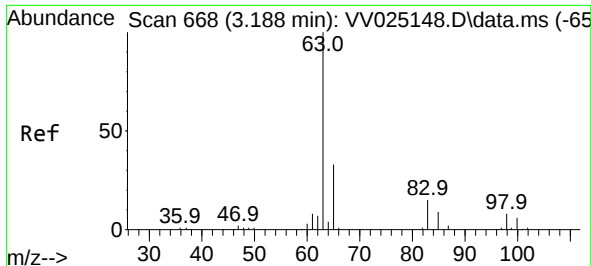
Tgt Ion: 73 Resp: 110751
Ion Ratio Lower Upper
73 100
43 16.3 13.2 19.8
57 20.6 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 5.038 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV025167.D
Acq: 24 Mar 2022 22:01

Tgt Ion: 96 Resp: 58012
Ion Ratio Lower Upper
96 100
61 123.9 89.2 165.6
98 64.7 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.198 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025167.D

Acq: 24 Mar 2022 22:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD005347

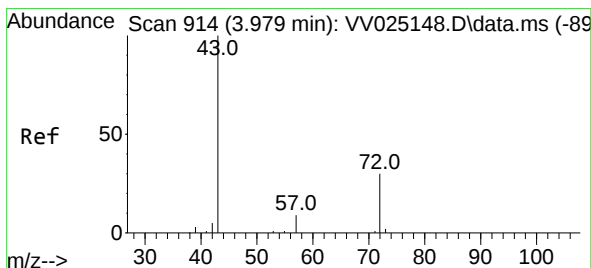
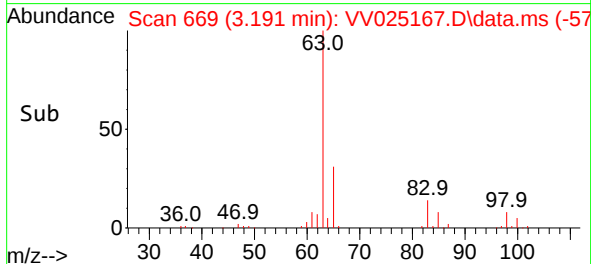
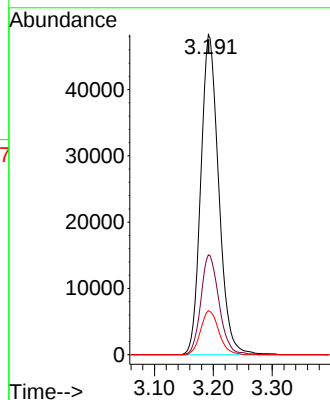
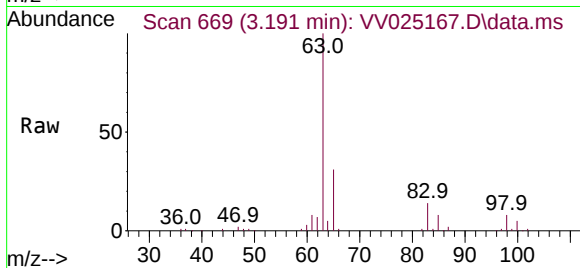
Tgt Ion: 63 Resp: 101863

Ion Ratio Lower Upper

63 100

65 31.2 22.2 41.2

83 13.7 9.4 17.4



#21

2-Butanone

Concen: 60.407 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.000 min

Lab File: VV025167.D

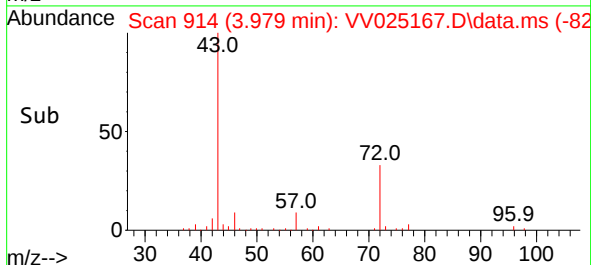
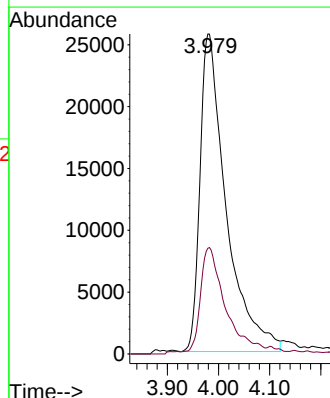
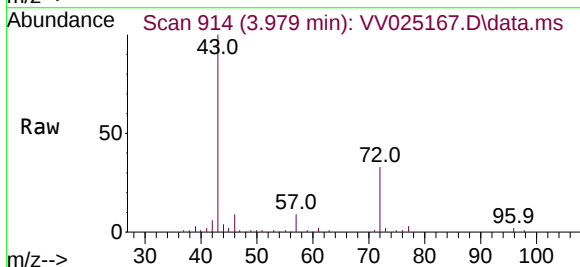
Acq: 24 Mar 2022 22:01

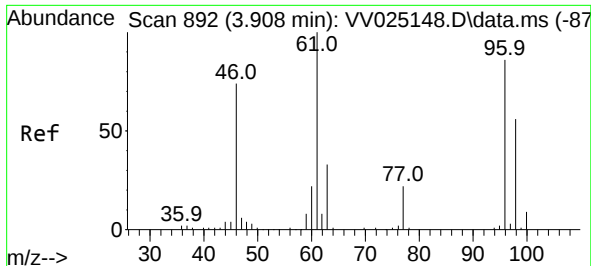
Tgt Ion: 43 Resp: 91370

Ion Ratio Lower Upper

43 100

72 30.3 10.4 31.2

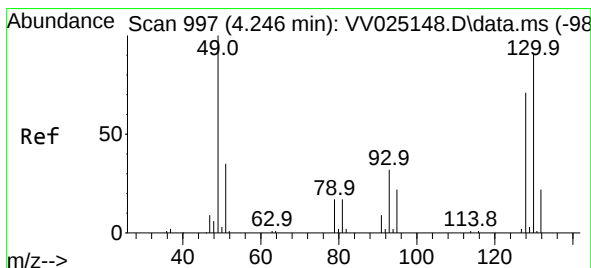
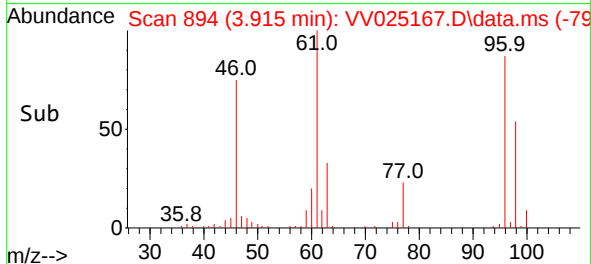
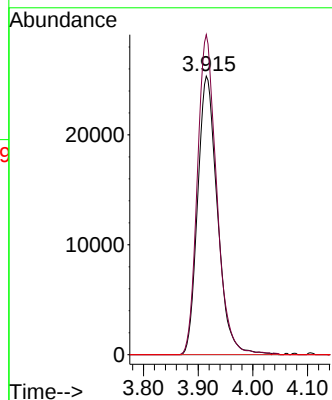
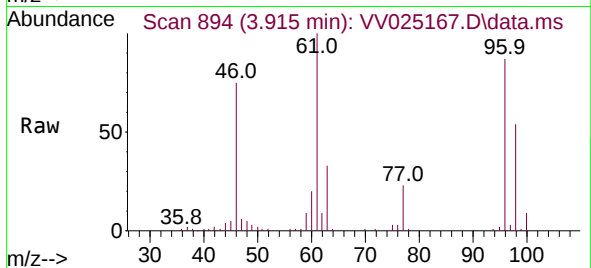




#22
 cis-1,2-Dichloroethene
 Concen: 5.468 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV025167.D
 Acq: 24 Mar 2022 22:01

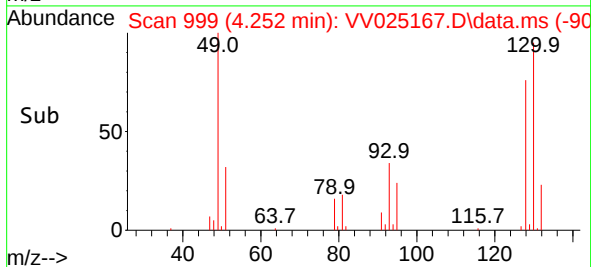
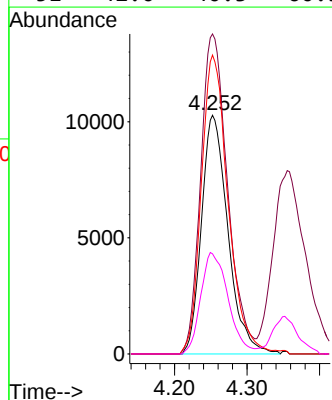
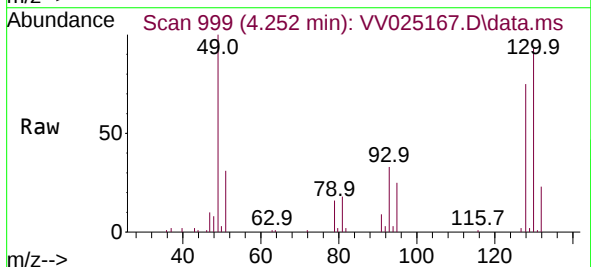
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005347

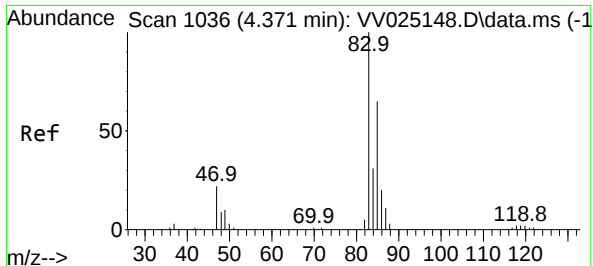
Tgt Ion: 96 Resp: 63567
 Ion Ratio Lower Upper
 96 100
 61 114.9 79.7 147.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.675 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.006 min
 Lab File: VV025167.D
 Acq: 24 Mar 2022 22:01

Tgt Ion: 128 Resp: 26007
 Ion Ratio Lower Upper
 128 100
 49 134.1 107.5 199.7
 130 125.2 89.4 166.0
 51 42.0 40.3 60.5

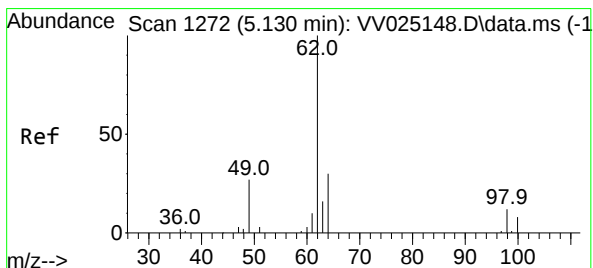
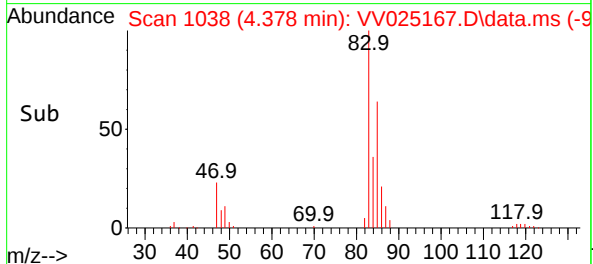
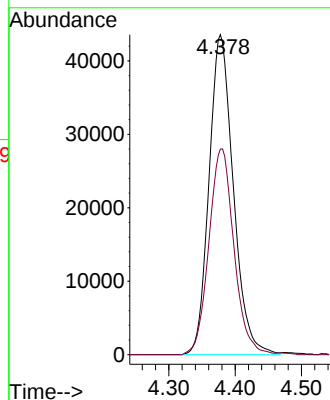
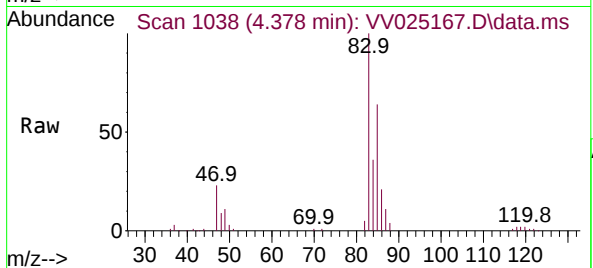




#25
Chloroform
Concen: 5.431 ug/L
RT: 4.378 min Scan# 110
Delta R.T. 0.006 min
Lab File: VV025167.D
Acq: 24 Mar 2022 22:01

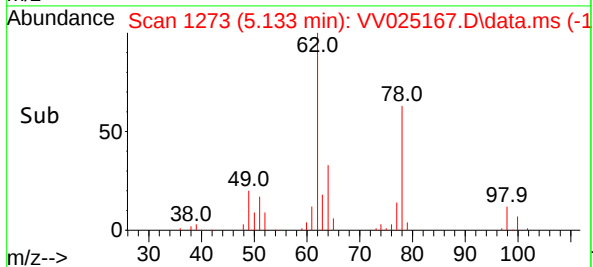
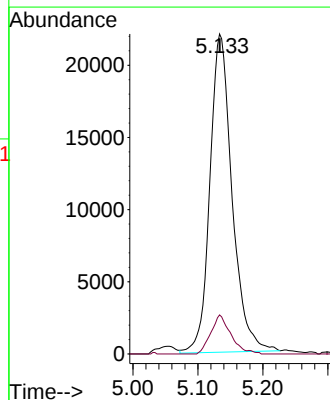
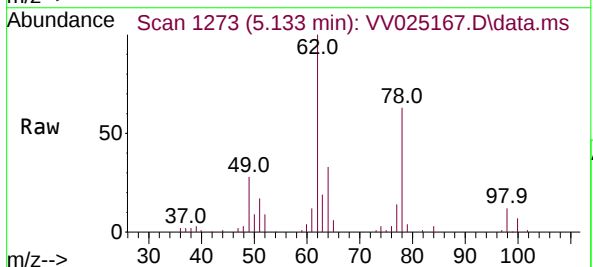
Instrument :
MSVOA_V
ClientSampleId :
VSTD005347

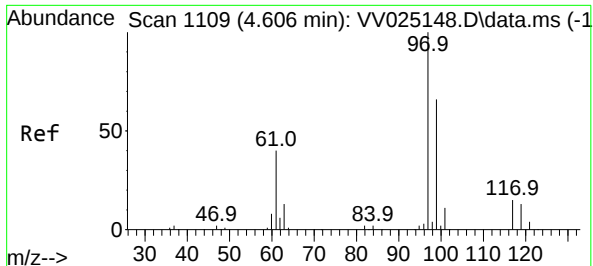
Tgt Ion: 83 Resp: 110819
Ion Ratio Lower Upper
83 100
85 64.2 44.5 82.7



#27
1,2-Dichloroethane
Concen: 5.155 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV025167.D
Acq: 24 Mar 2022 22:01

Tgt Ion: 62 Resp: 52299
Ion Ratio Lower Upper
62 100
98 12.2 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 5.205 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV025167.D

Acq: 24 Mar 2022 22:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD005347

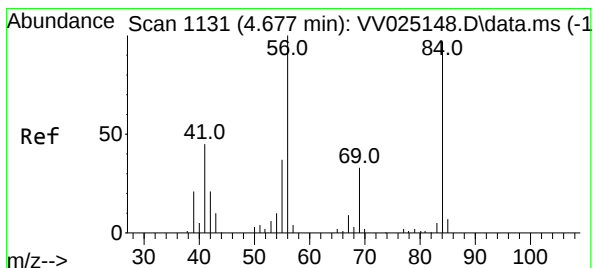
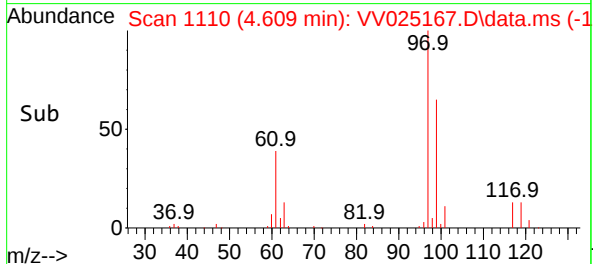
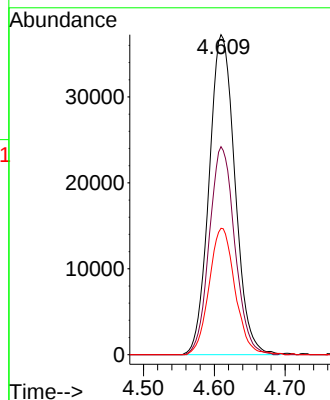
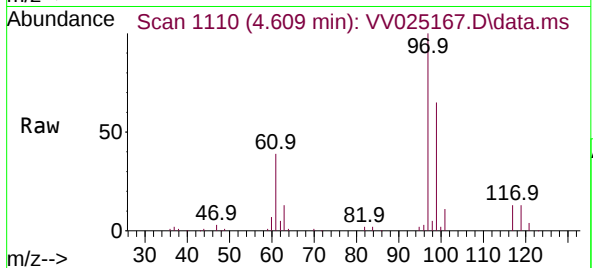
Tgt Ion: 97 Resp: 94449

Ion Ratio Lower Upper

97 100

99 64.0 50.7 76.1

61 39.6 32.4 48.6



#30

Cyclohexane

Concen: 4.251 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV025167.D

Acq: 24 Mar 2022 22:01

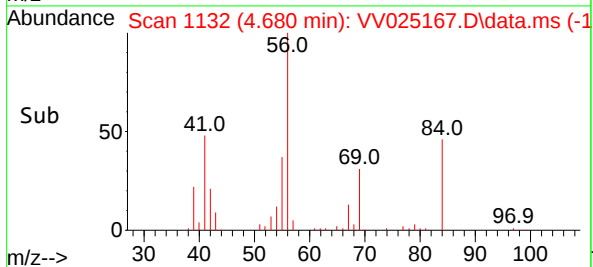
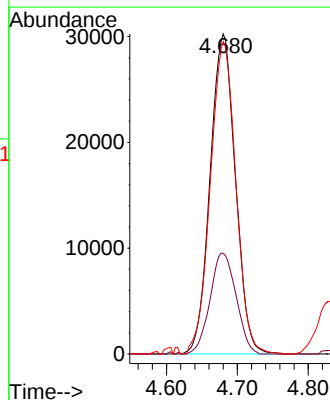
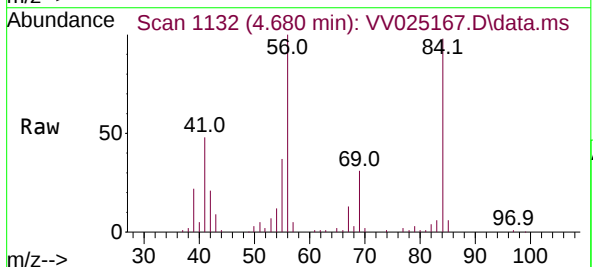
Tgt Ion: 56 Resp: 75059

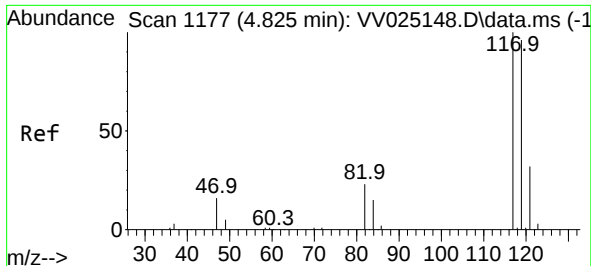
Ion Ratio Lower Upper

56 100

69 32.5 24.9 37.3

84 98.2 75.9 113.9

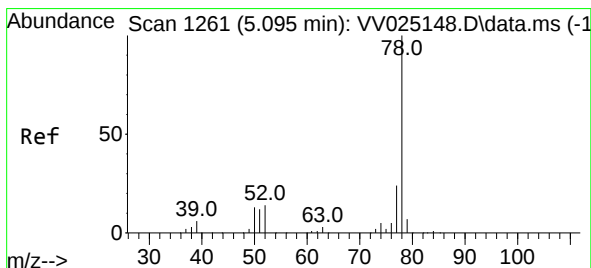
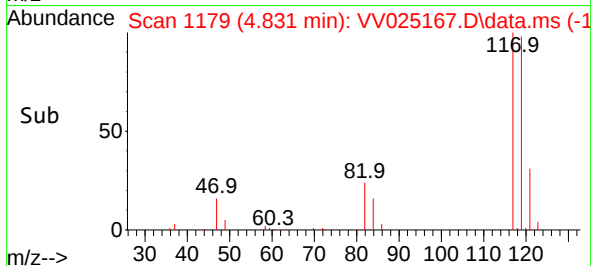
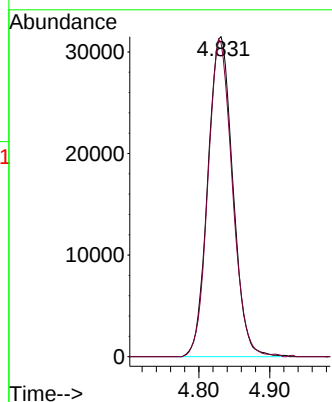
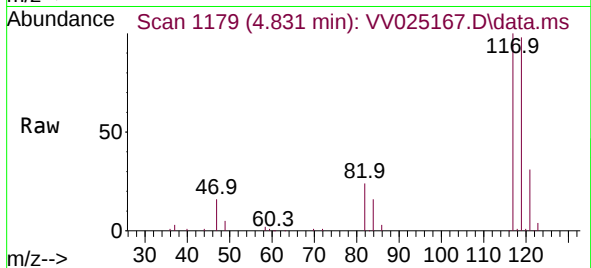




#31
Carbon tetrachloride
Concen: 4.957 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VV025167.D
Acq: 24 Mar 2022 22:01

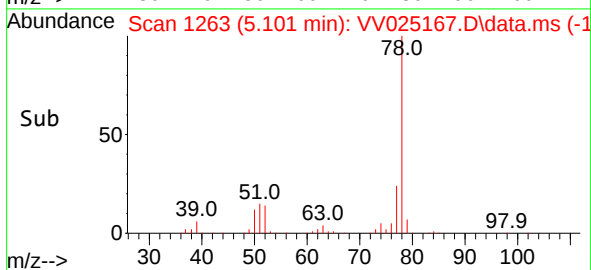
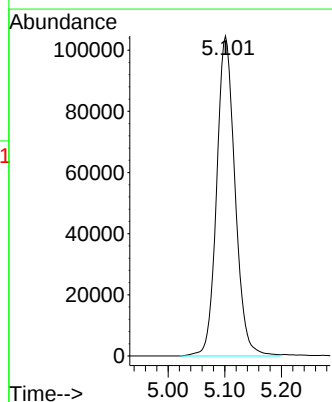
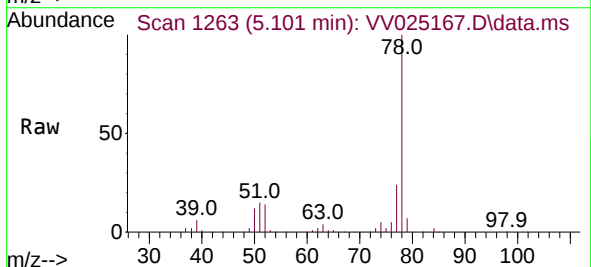
Instrument :
MSVOA_V
ClientSampleId :
VSTD005347

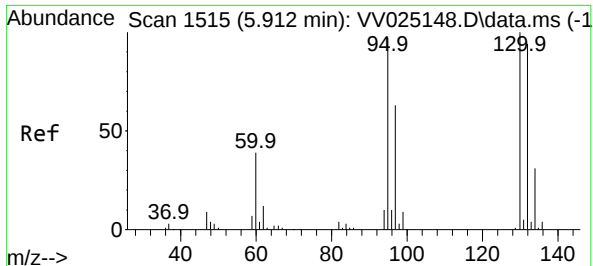
Tgt Ion:117 Resp: 77176
Ion Ratio Lower Upper
117 100
119 96.8 76.8 115.2



#33
Benzene
Concen: 5.085 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV025167.D
Acq: 24 Mar 2022 22:01

Tgt Ion: 78 Resp: 235340

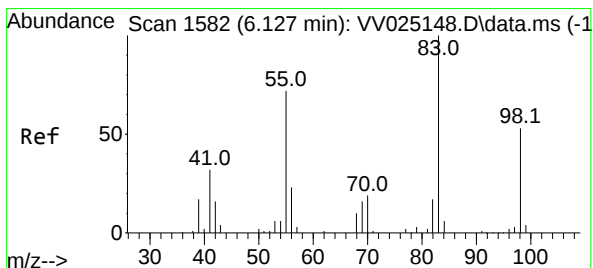
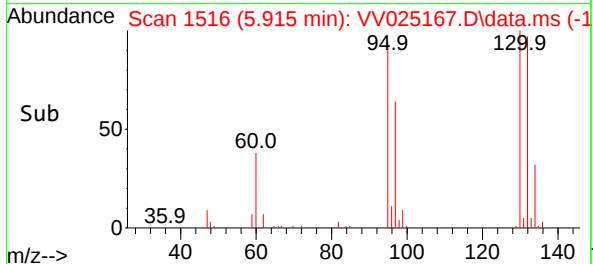
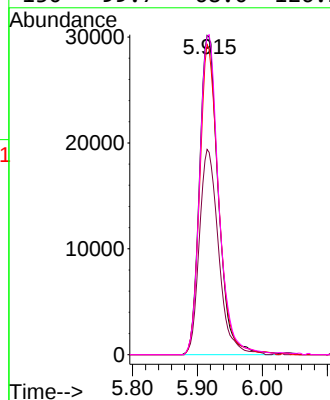
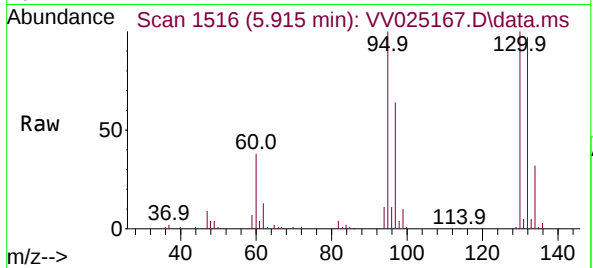




#34
Trichloroethene
Concen: 4.948 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV025167.D
Acq: 24 Mar 2022 22:01

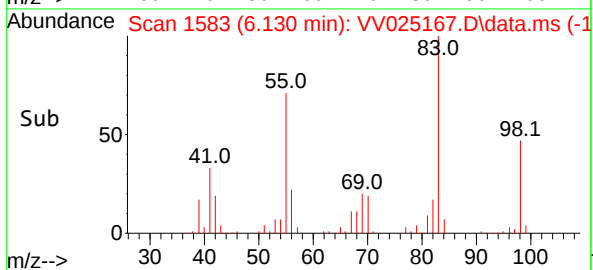
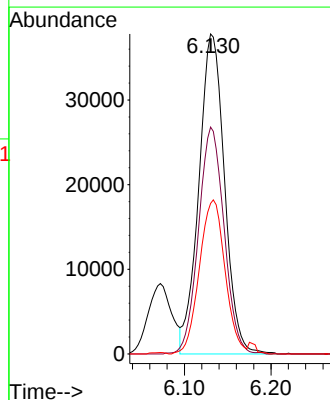
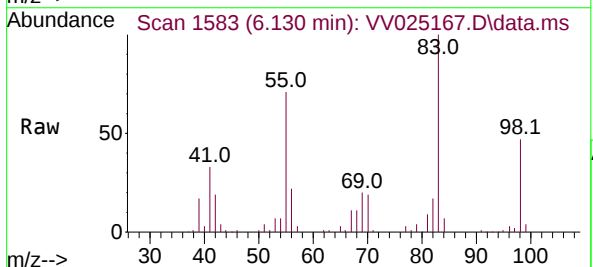
Instrument :
MSVOA_V
ClientSampleId :
VSTD005347

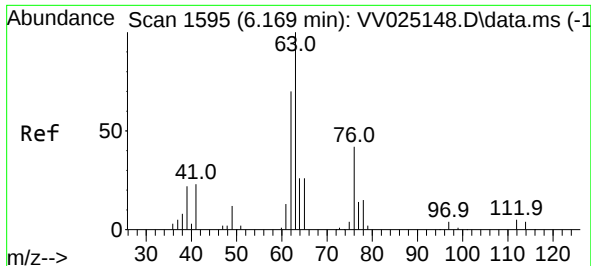
Tgt Ion: 95 Resp: 60974
Ion Ratio Lower Upper
95 100
97 64.3 44.5 82.7
132 97.1 66.5 123.5
130 99.7 68.0 126.2



#35
Methylcyclohexane
Concen: 3.987 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV025167.D
Acq: 24 Mar 2022 22:01

Tgt Ion: 83 Resp: 77776
Ion Ratio Lower Upper
83 100
55 70.7 55.4 83.0
98 48.1 38.4 57.6





#37

1,2-Dichloropropane

Concen: 5.158 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV025167.D

Acq: 24 Mar 2022 22:01

Instrument :

MSVOA_V

ClientSampleId :

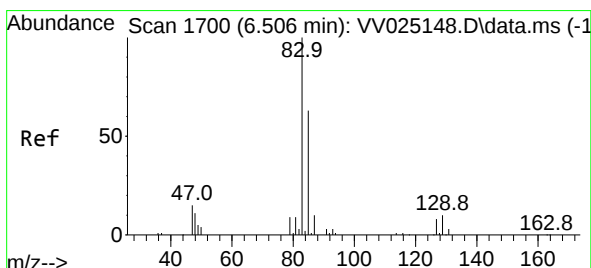
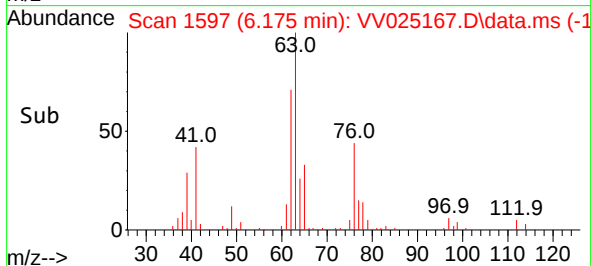
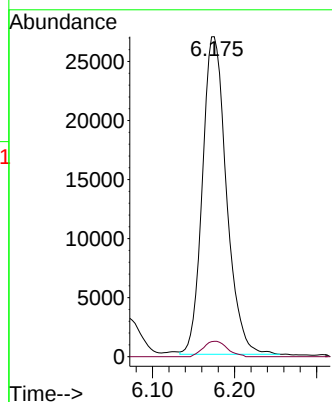
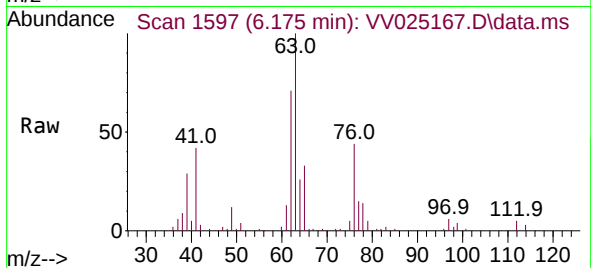
VSTD005347

Tgt Ion: 63 Resp: 54866

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.6



#38

Bromodichloromethane

Concen: 5.113 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025167.D

Acq: 24 Mar 2022 22:01

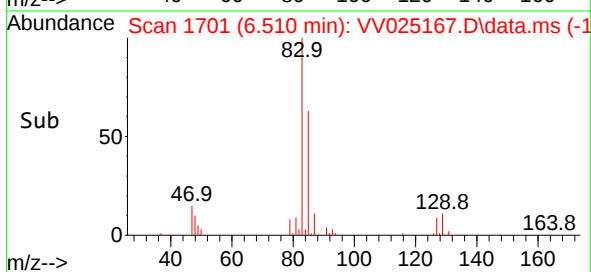
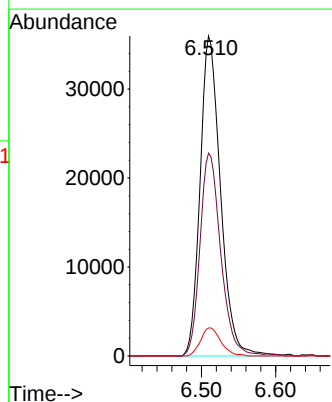
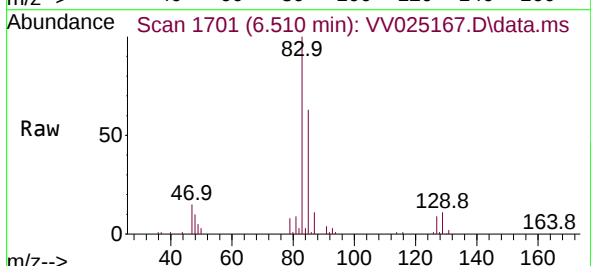
Tgt Ion: 83 Resp: 68770

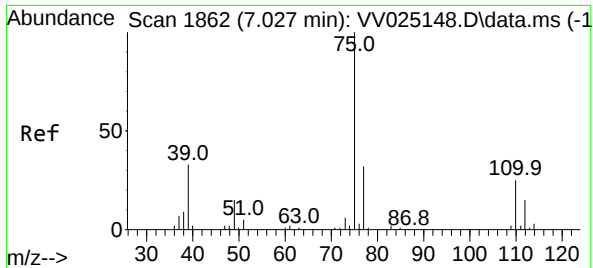
Ion Ratio Lower Upper

83 100

85 63.4 44.8 83.2

127 8.8 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.770 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV025167.D

Acq: 24 Mar 2022 22:01

Instrument :

MSVOA_V

ClientSampleId :

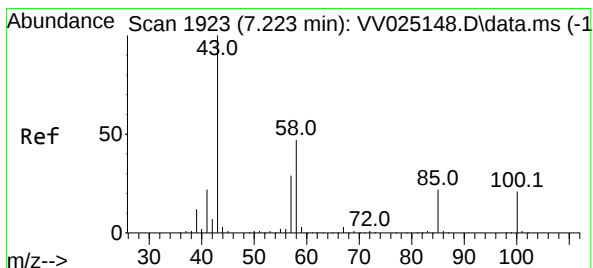
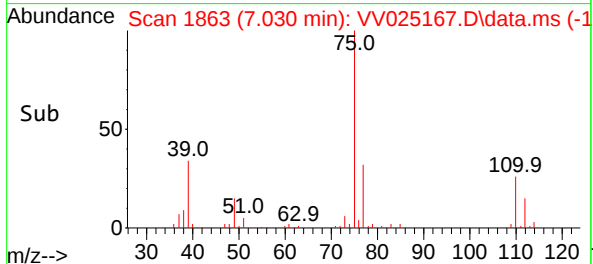
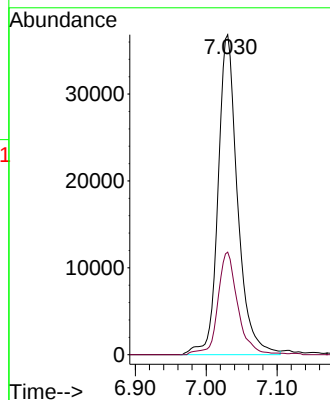
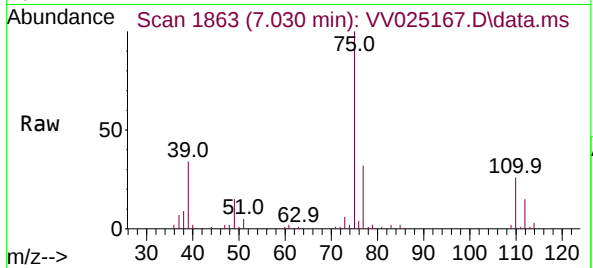
VSTD005347

Tgt Ion: 75 Resp: 70448

Ion Ratio Lower Upper

75 100

77 32.0 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 52.817 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025167.D

Acq: 24 Mar 2022 22:01

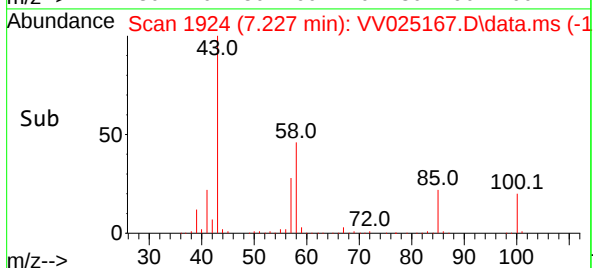
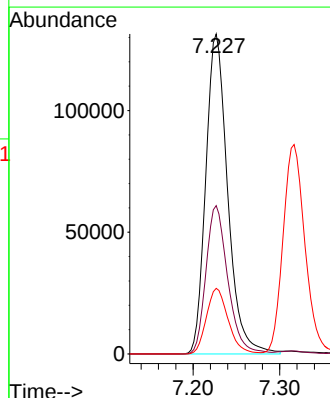
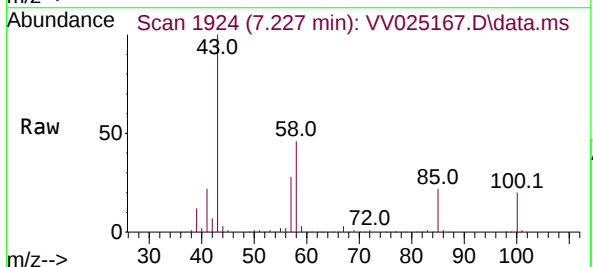
Tgt Ion: 43 Resp: 231162

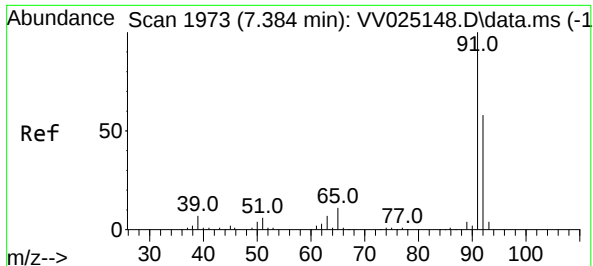
Ion Ratio Lower Upper

43 100

58 46.2 36.6 55.0

100 20.4 13.8 20.8





#42

Toluene

Concen: 5.208 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025167.D

Acq: 24 Mar 2022 22:01

Instrument :

MSVOA_V

ClientSampleId :

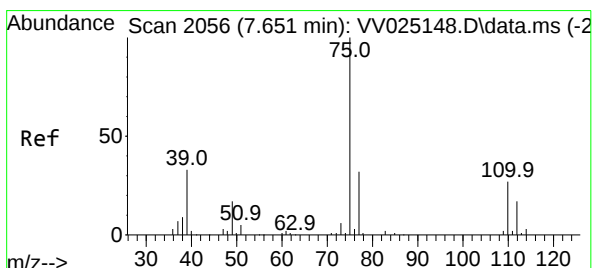
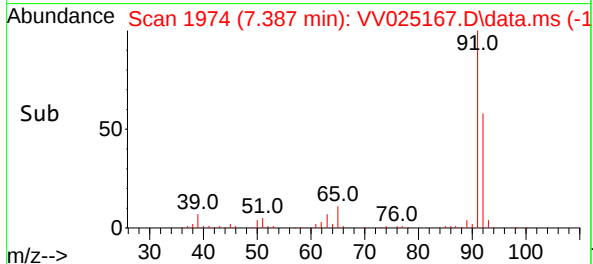
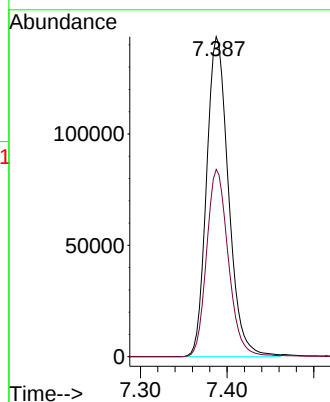
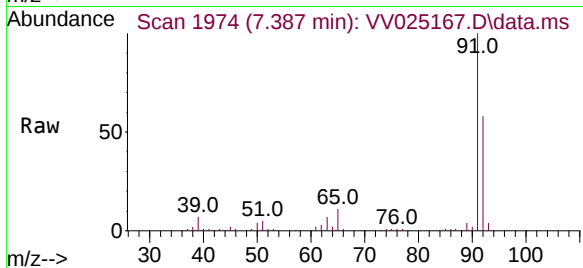
VSTD005347

Tgt Ion: 91 Resp: 252271

Ion Ratio Lower Upper

91 100

92 58.5 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.836 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV025167.D

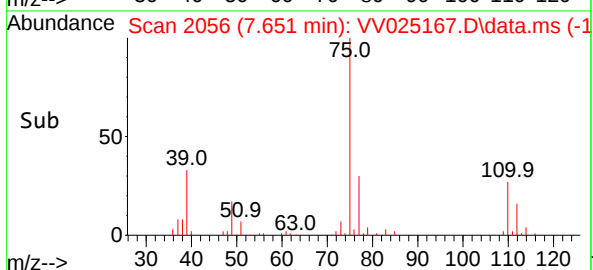
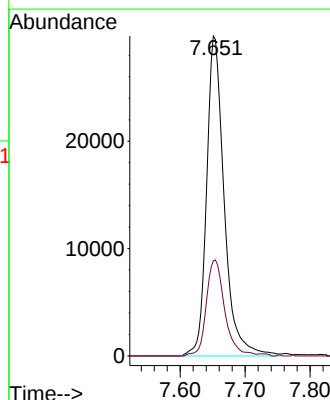
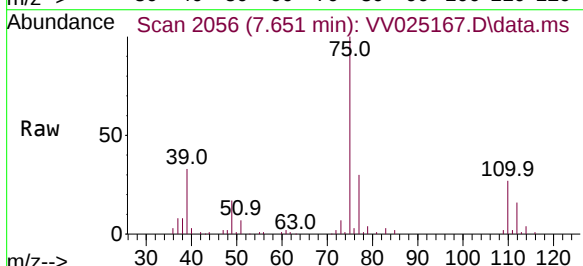
Acq: 24 Mar 2022 22:01

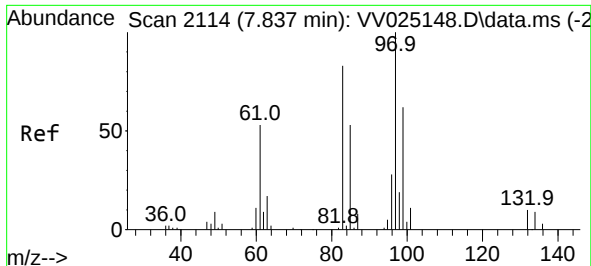
Tgt Ion: 75 Resp: 56201

Ion Ratio Lower Upper

75 100

77 29.8 23.0 42.6

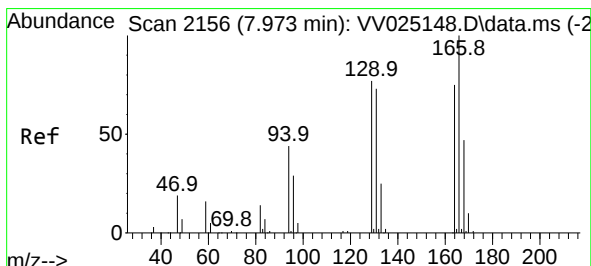
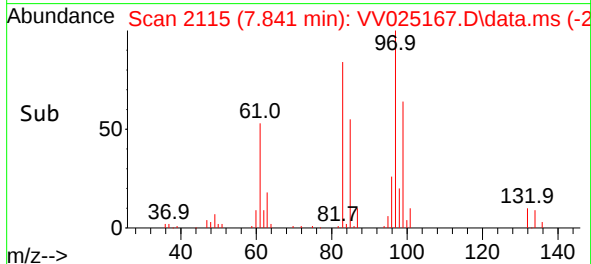
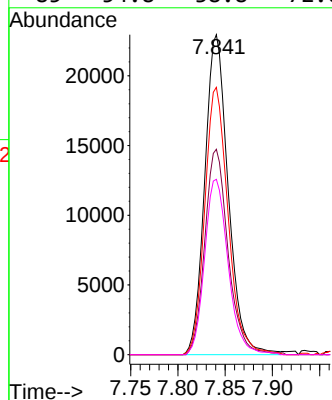
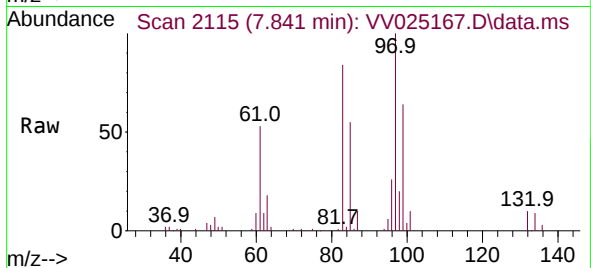




#45
1,1,2-Trichloroethane
Concen: 5.584 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV025167.D
Acq: 24 Mar 2022 22:01

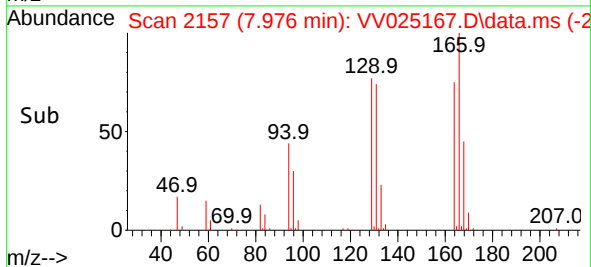
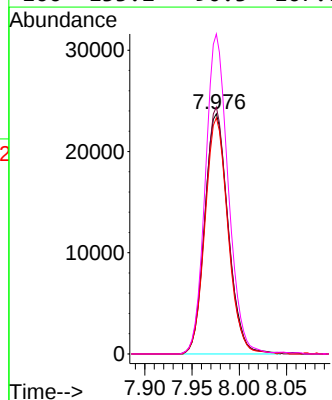
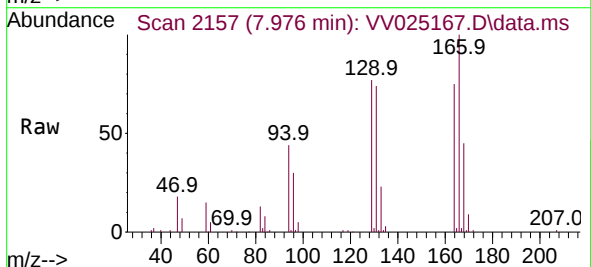
Instrument :
MSVOA_V
ClientSampleId :
VSTD005347

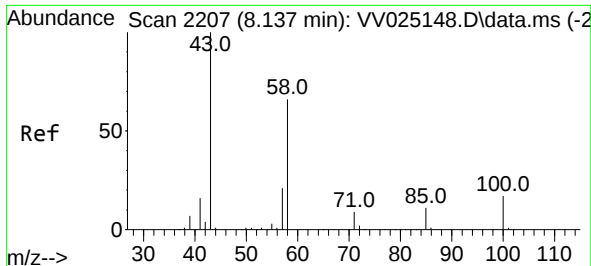
Tgt Ion:	97	Resp:	39670
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.7	81.1
83	83.5	58.9	109.3
85	54.8	38.8	72.0



#47
Tetrachloroethene
Concen: 4.721 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025167.D
Acq: 24 Mar 2022 22:01

Tgt Ion:	164	Resp:	40929
Ion	Ratio	Lower	Upper
164	100		
129	102.8	70.3	130.7
131	98.3	69.4	129.0
166	133.2	90.3	167.7



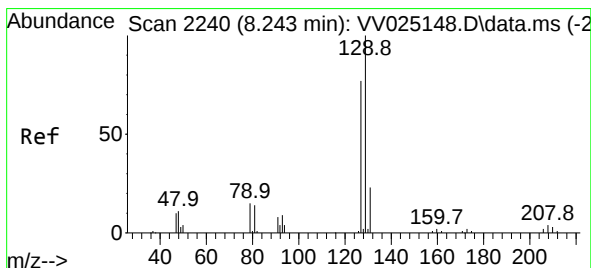
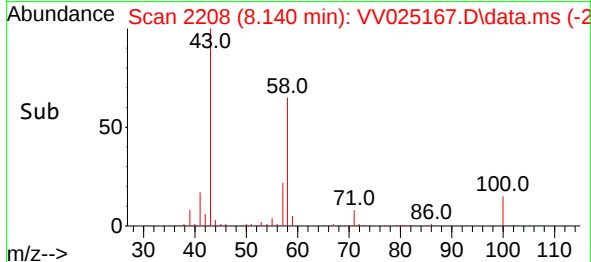
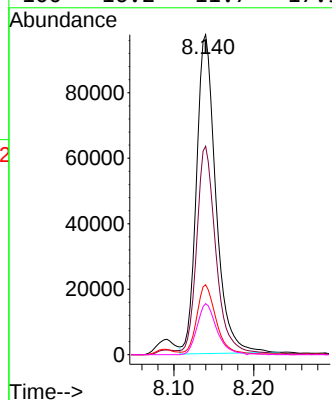
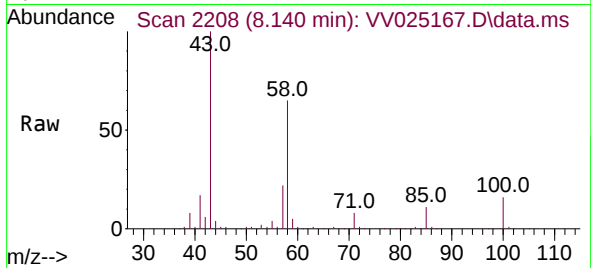


#48
2-Hexanone
Concen: 53.027 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV025167.D
Acq: 24 Mar 2022 22:01

Instrument :
MSVOA_V
ClientSampleId :
VSTD005347

Tgt Ion: 43 Resp: 164533

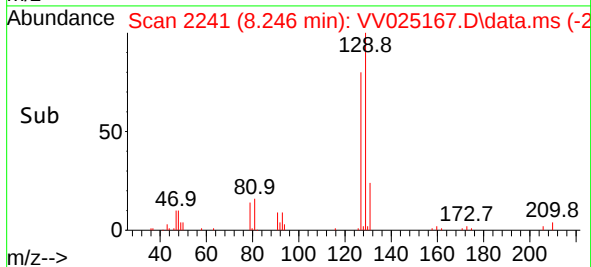
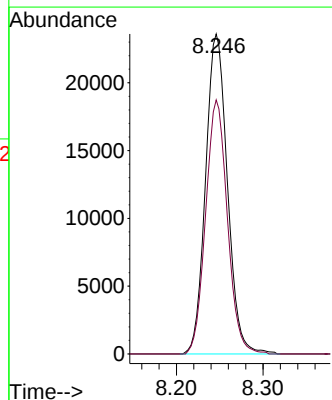
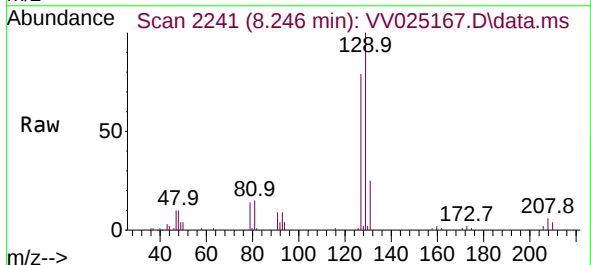
Ion	Ratio	Lower	Upper
43	100		
58	64.2	49.2	73.8
57	22.3	16.0	24.0
100	16.2	11.7	17.5

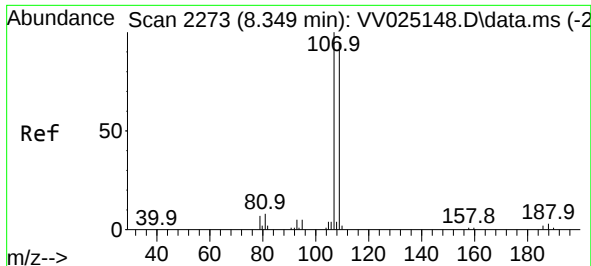


#49
Dibromochloromethane
Concen: 5.202 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025167.D
Acq: 24 Mar 2022 22:01

Tgt Ion: 129 Resp: 41365

Ion	Ratio	Lower	Upper
129	100		
127	79.4	54.9	102.1





#50

1,2-Dibromoethane

Concen: 5.500 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025167.D

Acq: 24 Mar 2022 22:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD005347

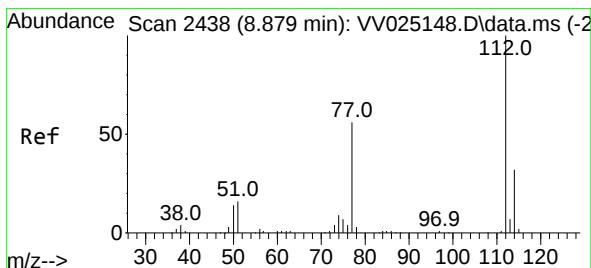
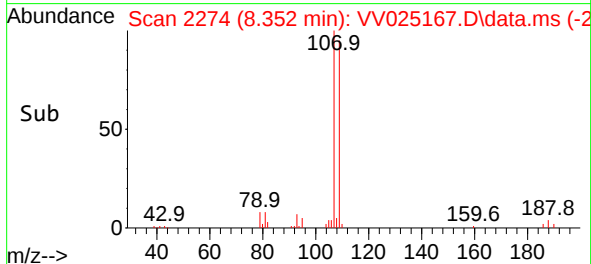
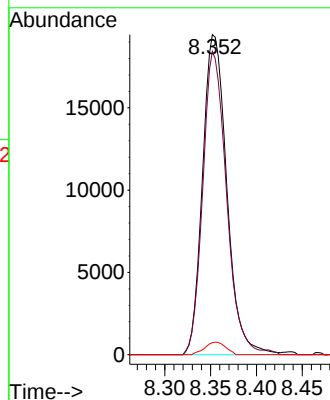
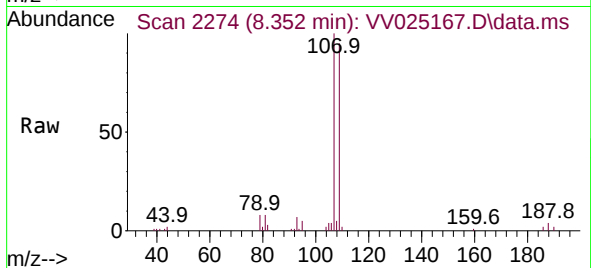
Tgt Ion:107 Resp: 35761

Ion Ratio Lower Upper

107 100

109 94.8 65.5 121.6

188 3.7 2.4 3.6#



#51

Chlorobenzene

Concen: 5.296 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV025167.D

Acq: 24 Mar 2022 22:01

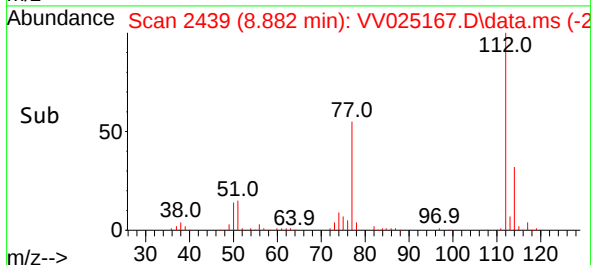
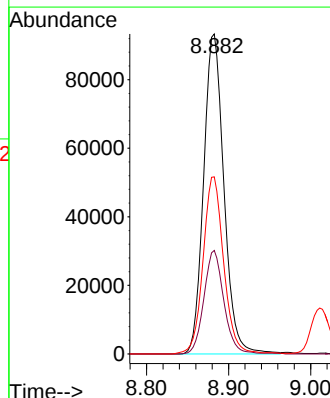
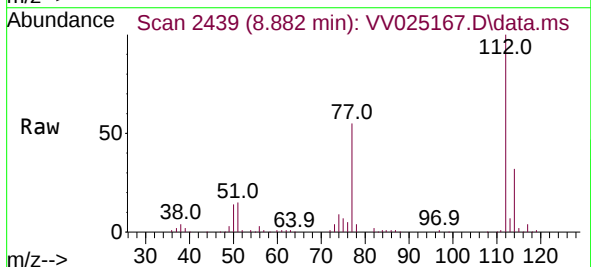
Tgt Ion:112 Resp: 160646

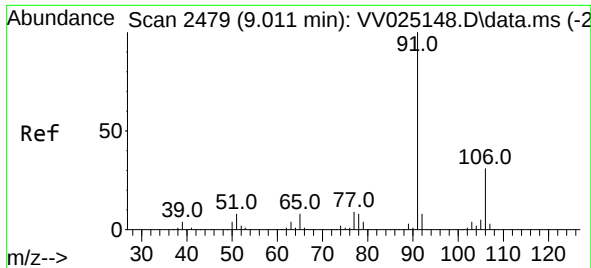
Ion Ratio Lower Upper

112 100

114 32.3 22.5 41.7

77 55.3 45.3 67.9

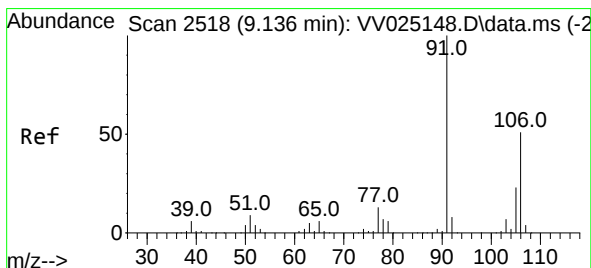
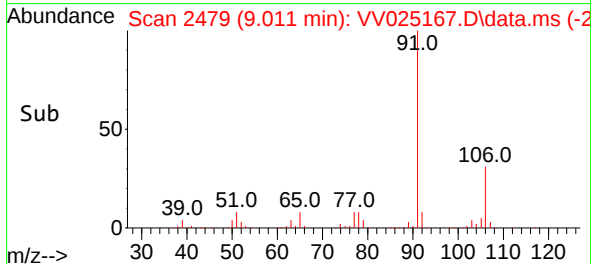
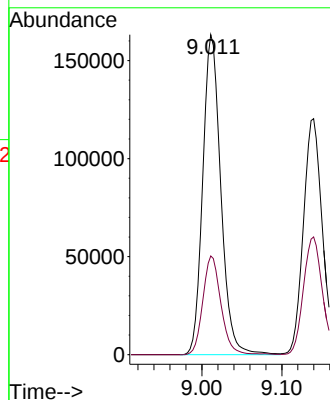
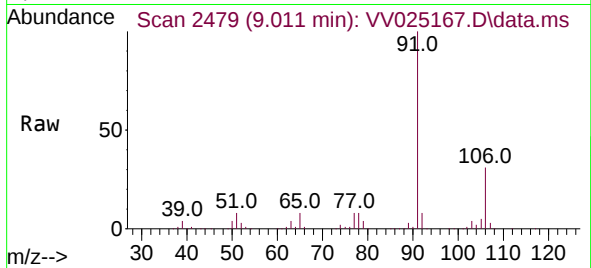




#52
Ethylbenzene
Concen: 5.023 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV025167.D
Acq: 24 Mar 2022 22:01

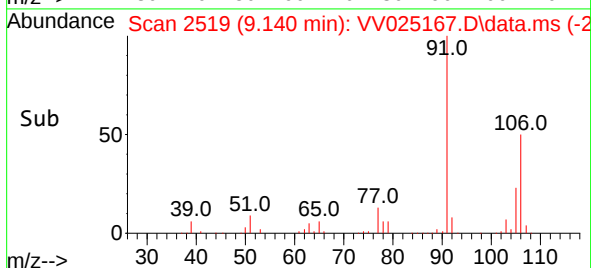
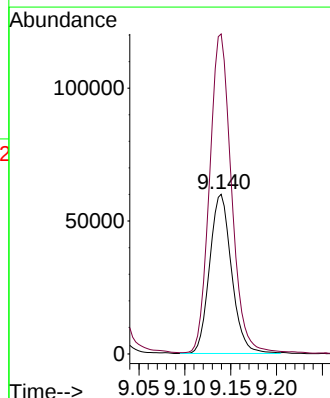
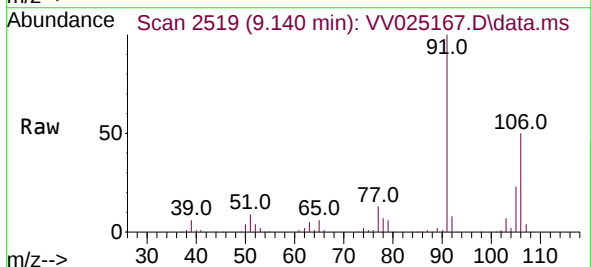
Instrument :
MSVOA_V
ClientSampleId :
VSTD005347

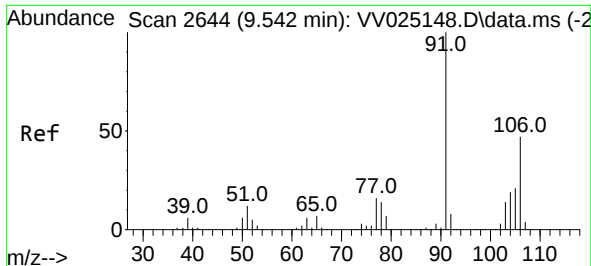
Tgt Ion: 91 Resp: 257400
Ion Ratio Lower Upper
91 100
106 30.9 21.9 40.7



#53
m,p-Xylene
Concen: 5.052 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.004 min
Lab File: VV025167.D
Acq: 24 Mar 2022 22:01

Tgt Ion: 106 Resp: 99696
Ion Ratio Lower Upper
106 100
91 200.3 143.4 266.4

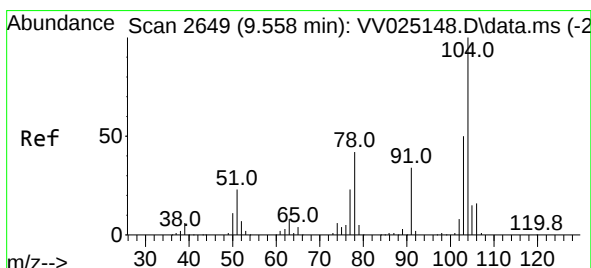
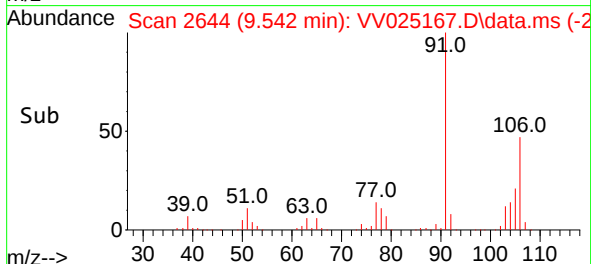
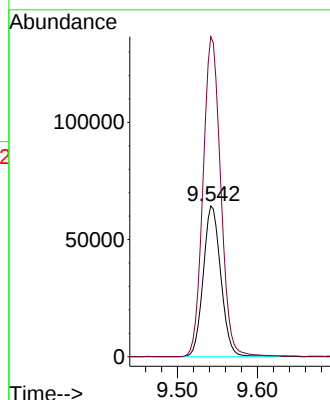
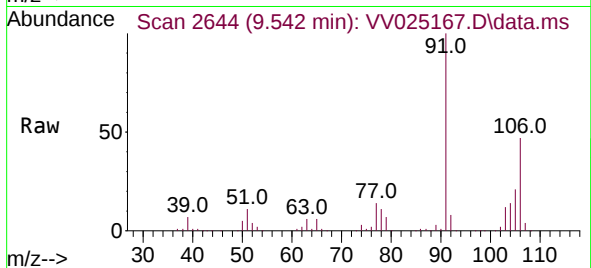




#54
o-Xylene
Concen: 5.229 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025167.D
Acq: 24 Mar 2022 22:01

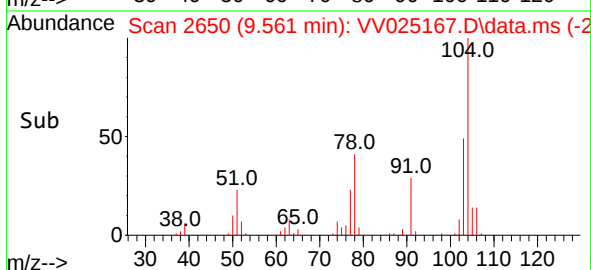
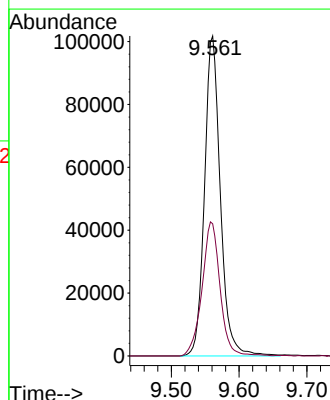
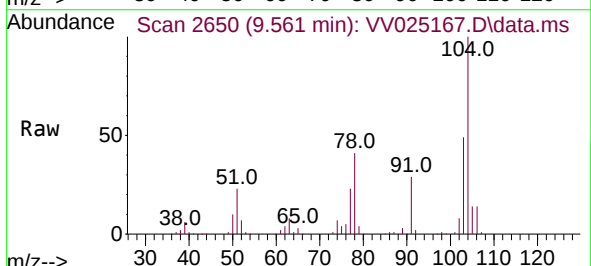
Instrument :
MSVOA_V
ClientSampleId :
VSTD005347

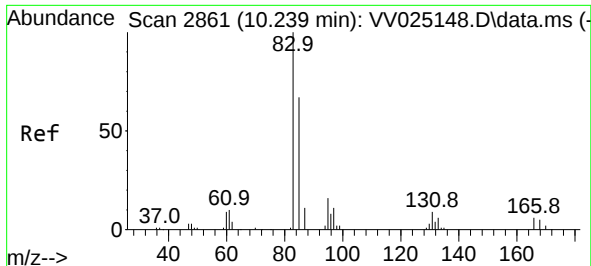
Tgt Ion:106 Resp: 98677
Ion Ratio Lower Upper
106 100
91 212.4 146.7 272.5



#55
Styrene
Concen: 5.382 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025167.D
Acq: 24 Mar 2022 22:01

Tgt Ion:104 Resp: 165407
Ion Ratio Lower Upper
104 100
78 41.3 30.2 56.2

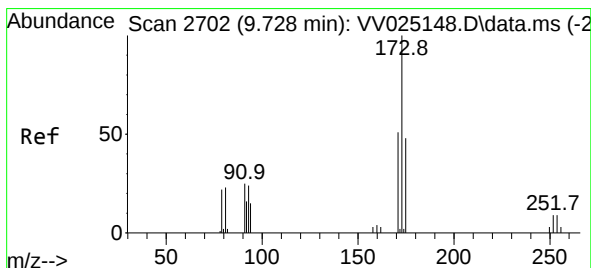
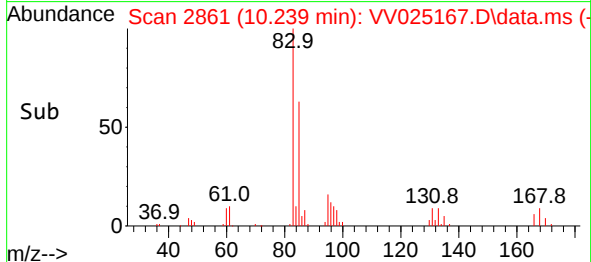
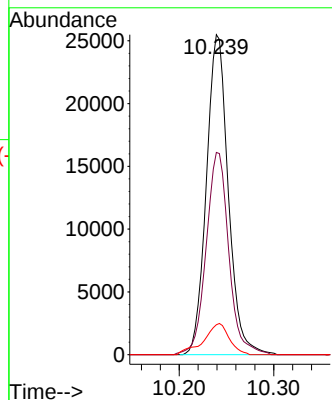
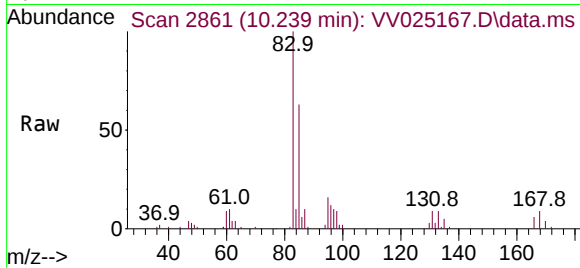




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.884 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV025167.D
 Acq: 24 Mar 2022 22:01

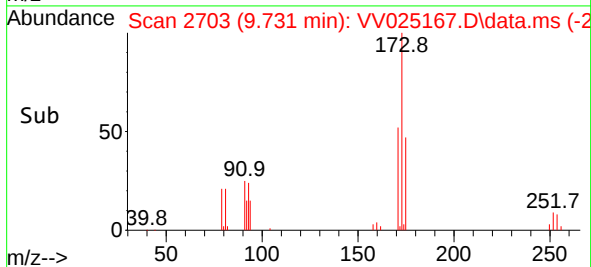
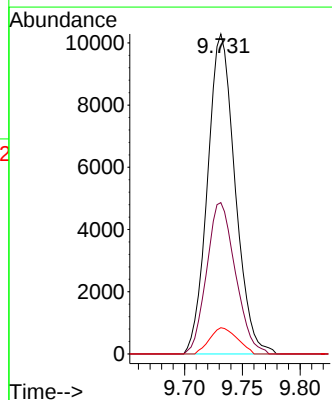
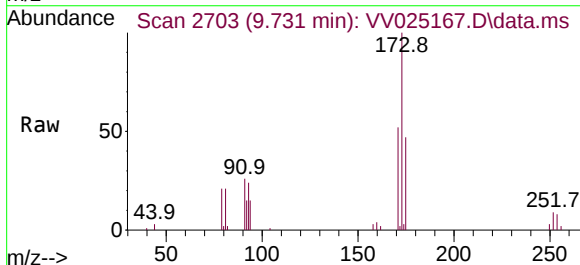
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005347

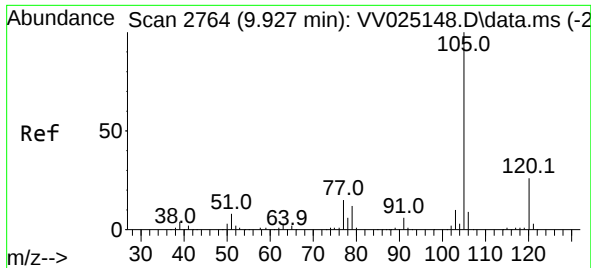
Tgt Ion:	83	Resp:	40980
Ion	Ratio	Lower	Upper
83	100		
85	63.2	43.9	81.5
131	9.4	7.5	11.3



#59
 Bromoform
 Concen: 4.480 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV025167.D
 Acq: 24 Mar 2022 22:01

Tgt Ion:	173	Resp:	17083
Ion	Ratio	Lower	Upper
173	100		
175	49.2	37.8	56.8
254	8.2	5.8	8.6

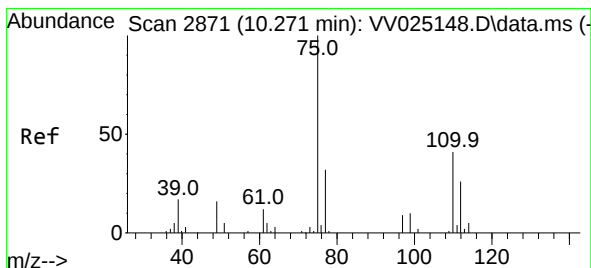
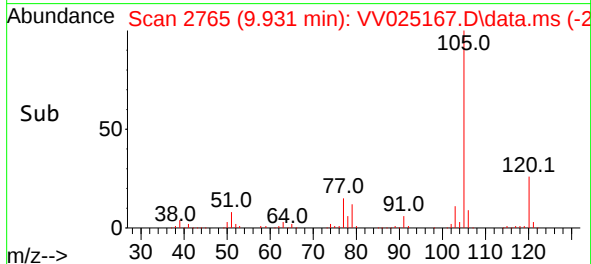
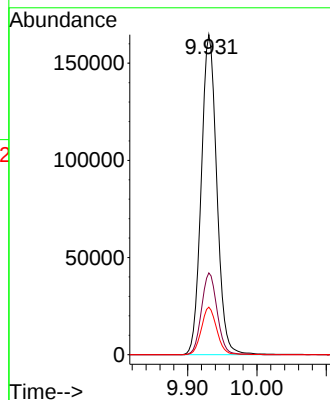
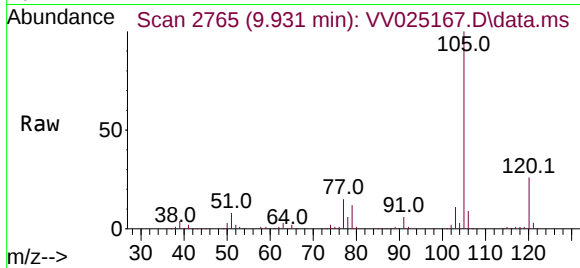




#60
Isopropylbenzene
Concen: 4.809 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025167.D
Acq: 24 Mar 2022 22:01

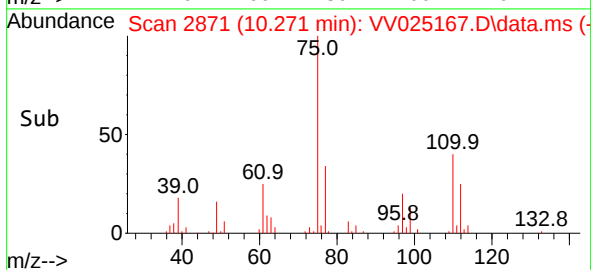
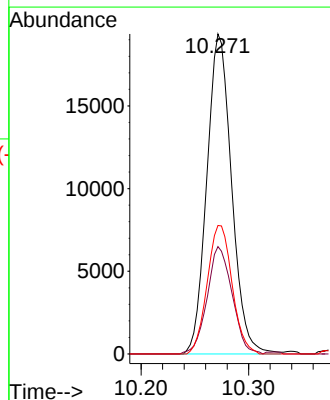
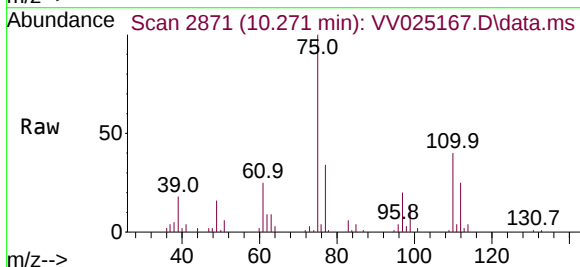
Instrument :
MSVOA_V
ClientSampleId :
VSTD005347

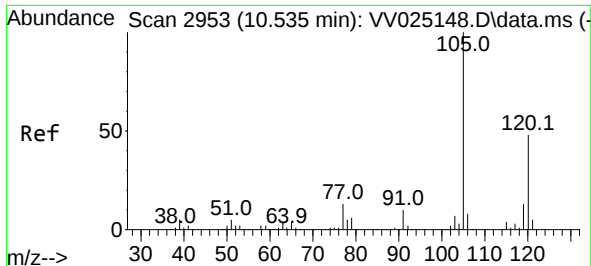
Tgt Ion:105 Resp: 256769
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 14.7 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.199 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025167.D
Acq: 24 Mar 2022 22:01

Tgt Ion: 75 Resp: 30961
Ion Ratio Lower Upper
75 100
77 33.7 25.7 38.5
110 40.3 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 4.767 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV025167.D

Acq: 24 Mar 2022 22:01

Instrument :

MSVOA_V

ClientSampleId :

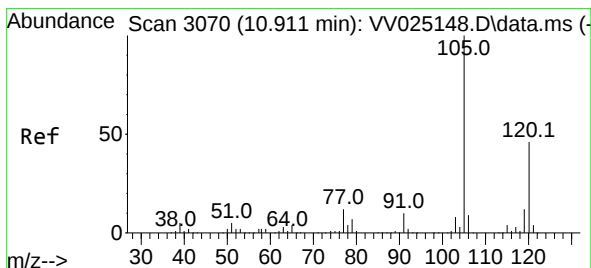
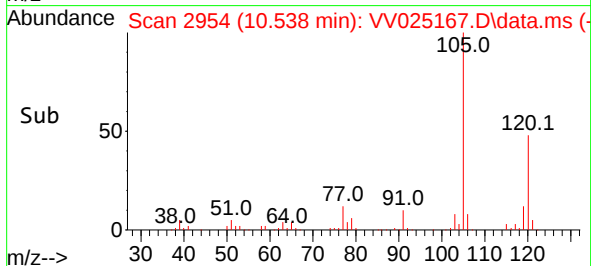
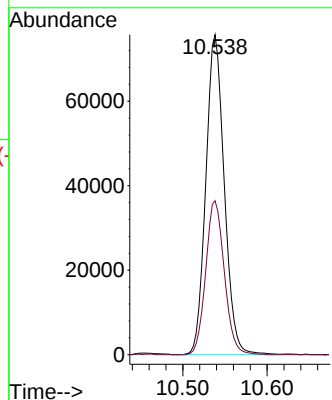
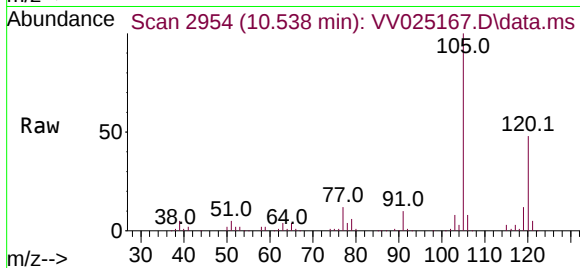
VSTD005347

Tgt Ion:105 Resp: 115506

Ion Ratio Lower Upper

105 100

120 48.5 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 4.805 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025167.D

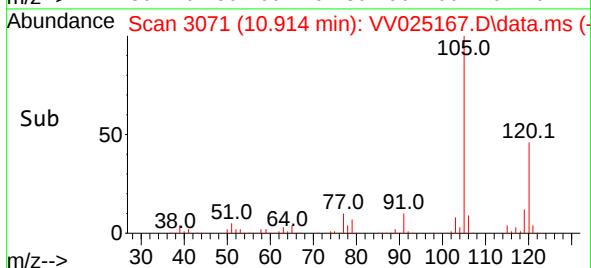
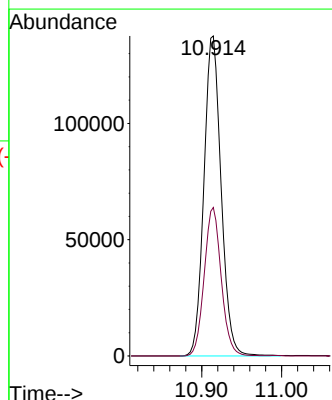
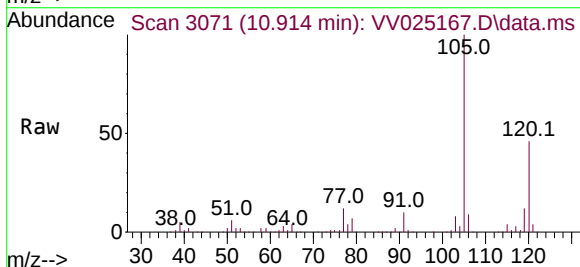
Acq: 24 Mar 2022 22:01

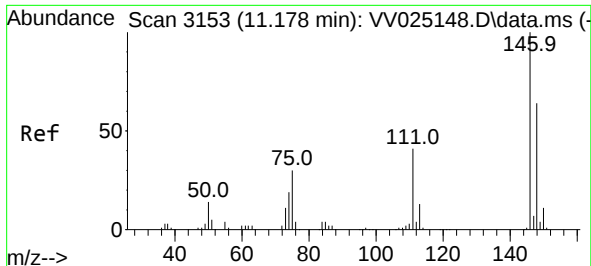
Tgt Ion:105 Resp: 206181

Ion Ratio Lower Upper

105 100

120 45.8 35.8 53.8

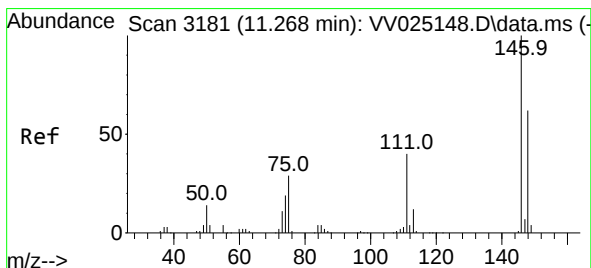
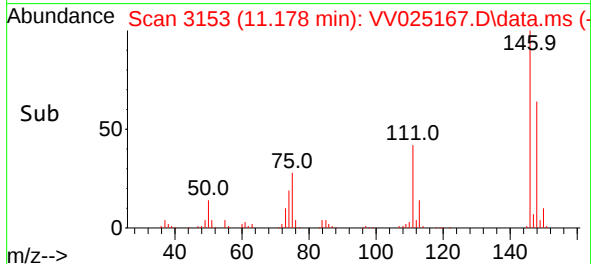
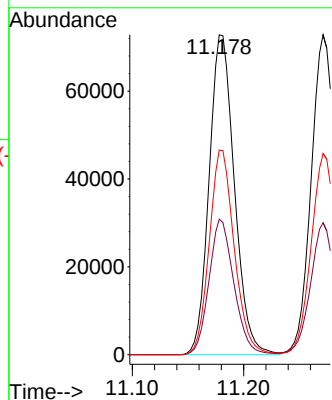
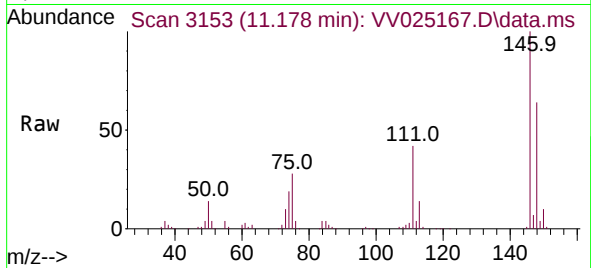




#64
1,3-Dichlorobenzene
Concen: 4.959 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025167.D
Acq: 24 Mar 2022 22:01

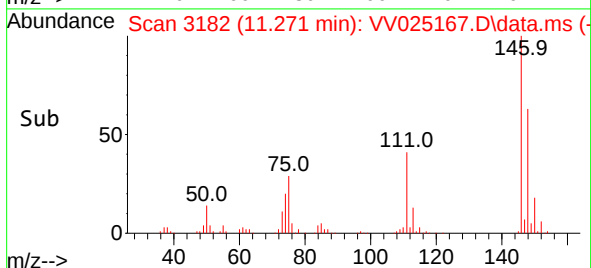
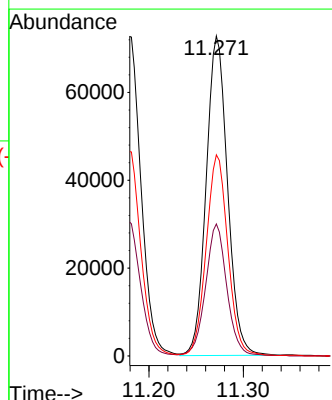
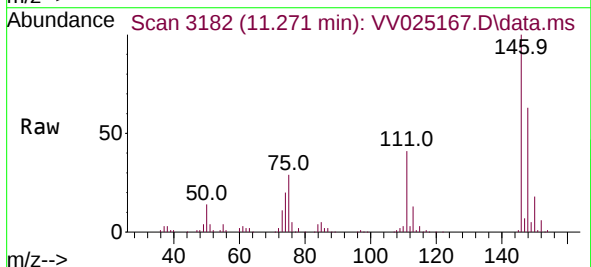
Instrument :
MSVOA_V
ClientSampleId :
VSTD005347

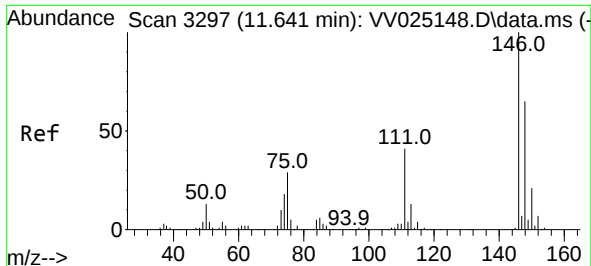
Tgt Ion:146 Resp: 114855
Ion Ratio Lower Upper
146 100
111 42.4 29.2 54.2
148 64.0 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 4.888 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025167.D
Acq: 24 Mar 2022 22:01

Tgt Ion:146 Resp: 114129
Ion Ratio Lower Upper
146 100
111 41.3 28.2 52.4
148 62.9 43.8 81.4

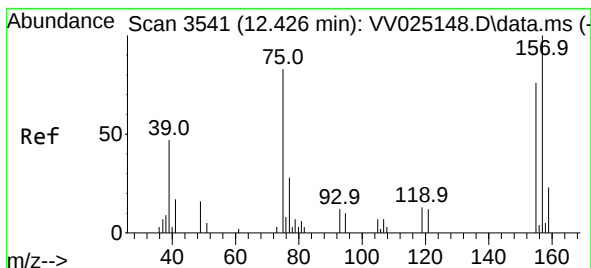
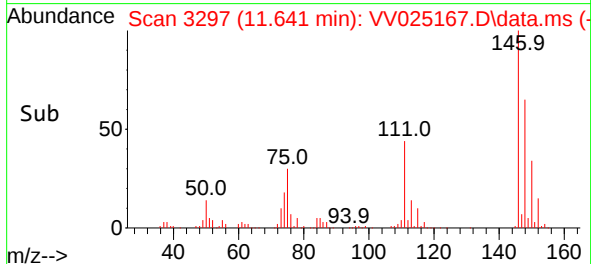
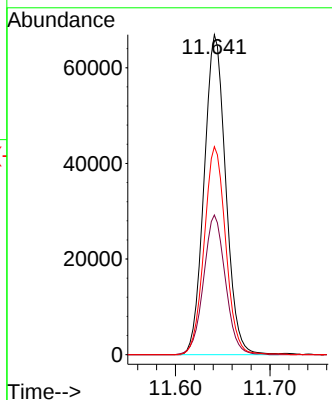
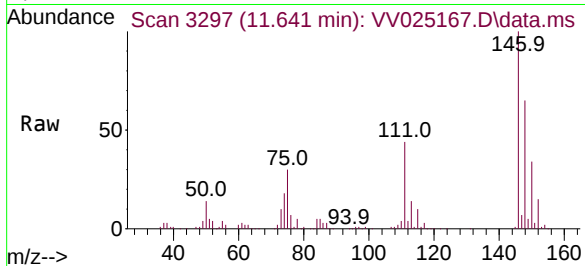




#67
 1,2-Dichlorobenzene
 Concen: 5.181 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. -0.000 min
 Lab File: VV025167.D
 Acq: 24 Mar 2022 22:01

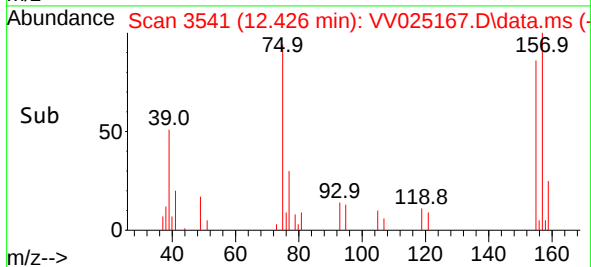
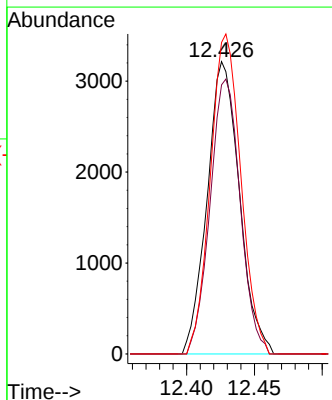
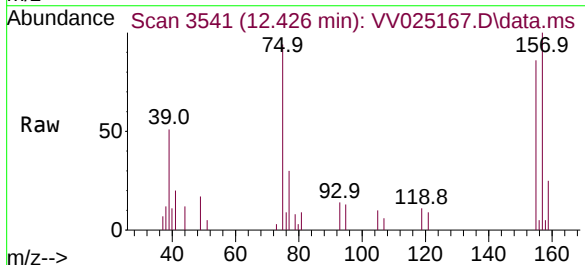
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005347

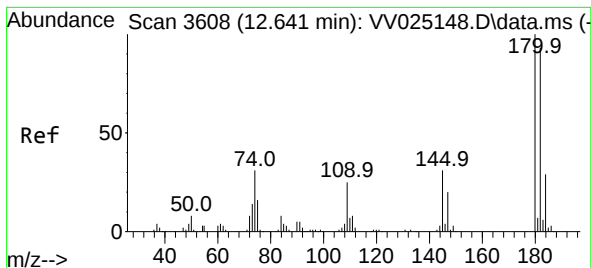
Tgt Ion:146 Resp: 106326
 Ion Ratio Lower Upper
 146 100
 111 43.7 35.5 53.3
 148 65.0 49.7 74.5



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.219 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. -0.000 min
 Lab File: VV025167.D
 Acq: 24 Mar 2022 22:01

Tgt Ion: 75 Resp: 5328
 Ion Ratio Lower Upper
 75 100
 155 92.1 65.9 98.9
 157 106.6 89.7 134.5





#69

1,3,5-Trichlorobenzene

Concen: 4.609 ug/L

RT: 12.644 min Scan# 3608

Delta R.T. 0.003 min

Lab File: VV025167.D

Acq: 24 Mar 2022 22:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD005347

Tgt Ion:180 Resp: 75404

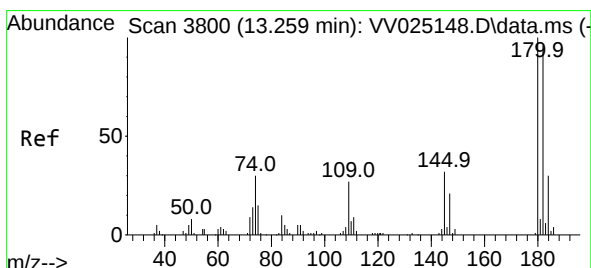
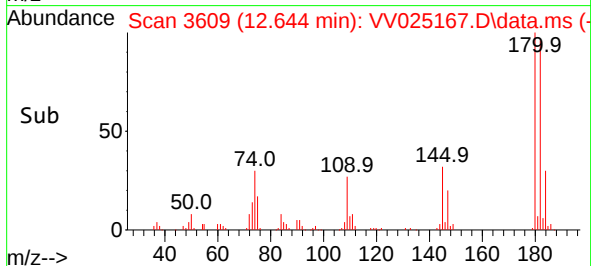
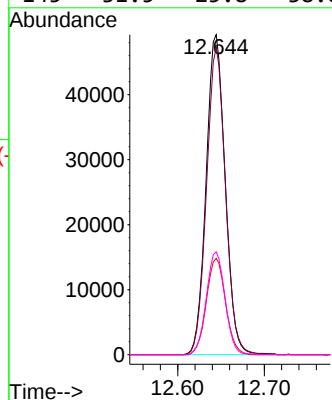
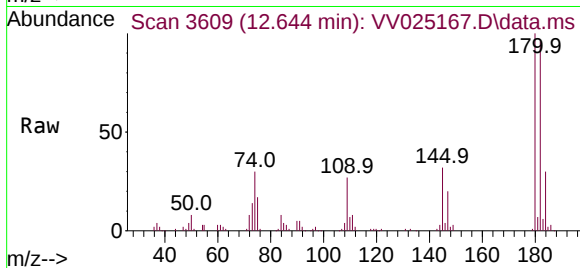
Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.0

184 30.2 24.2 36.4

145 31.5 25.8 38.8



#70

1,2,4-trichlorobenzene

Concen: 4.727 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV025167.D

Acq: 24 Mar 2022 22:01

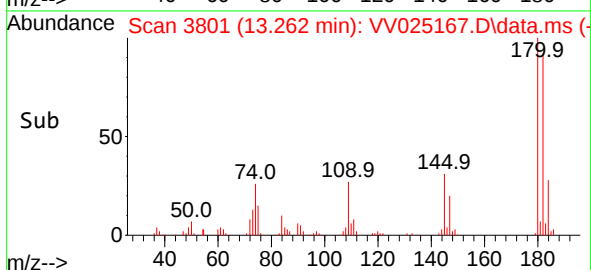
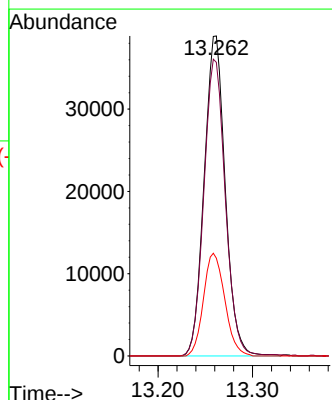
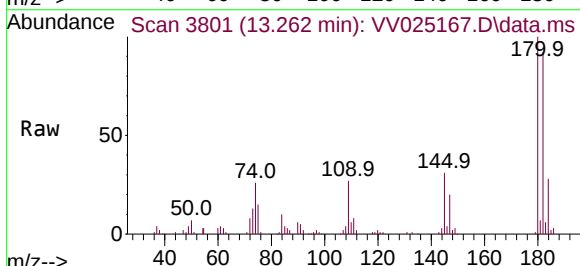
Tgt Ion:180 Resp: 60264

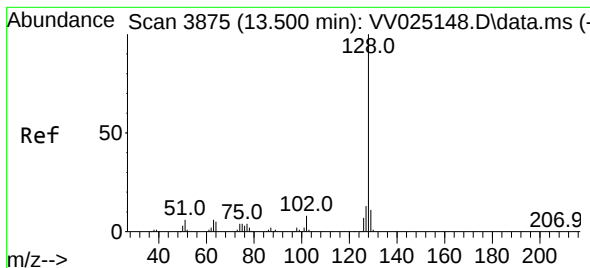
Ion Ratio Lower Upper

180 100

182 94.3 74.6 112.0

145 32.4 26.1 39.1





#71

Naphthalene

Concen: 4.828 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV025167.D

Acq: 24 Mar 2022 22:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD005347

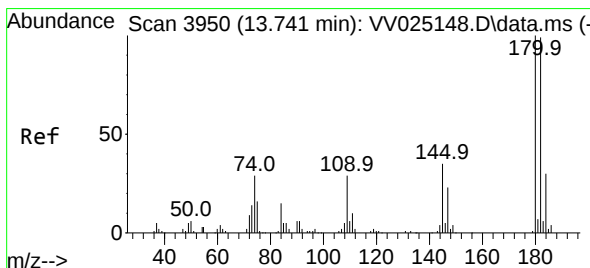
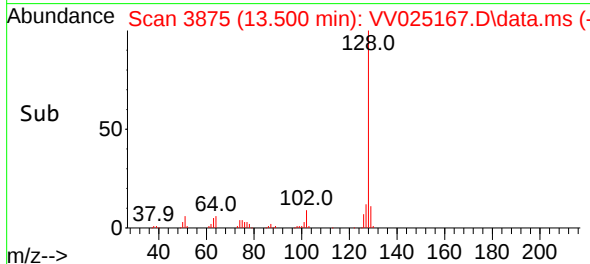
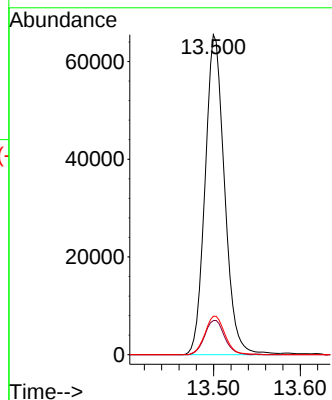
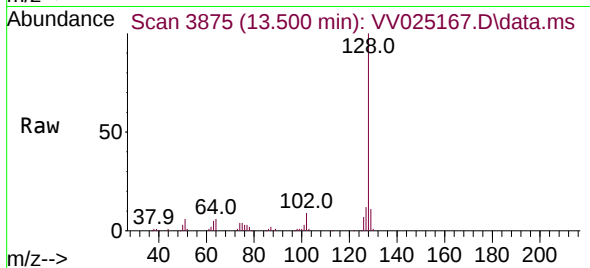
Tgt Ion:128 Resp: 102198

Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

127 12.4 9.8 14.8



#72

1,2,3-Trichlorobenzene

Concen: 5.005 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV025167.D

Acq: 24 Mar 2022 22:01

Tgt Ion:180 Resp: 54059

Ion Ratio Lower Upper

180 100

182 95.4 74.8 112.2

145 34.2 27.6 41.4

