

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041222\
 Data File : VW025485.D
 Acq On : 12 Apr 2022 19:49
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005373

Quant Time: Apr 13 02:36:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 13 02:31:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	169043	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	167713	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	89015	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	54382	3.460	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.200%	
7) Chloroethane-d5	1.571	69	53085	3.175	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	63.600%#	
11) 1,1-Dichloroethene-d2	2.114	63	131657	4.182	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.600%	
20) 2-Butanone-d5	3.905	46	100780	52.717	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.440%	
24) Chloroform-d	4.352	84	103842	4.373	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.400%	
26) 1,2-Dichloroethane-d4	5.034	65	45577	4.454	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
32) Benzene-d6	5.053	84	198212	4.085	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.600%	
36) 1,2-Dichloropropane-d6	6.072	67	59563	4.401	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.000%	
41) Toluene-d8	7.317	98	185486	4.119	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.400%	
43) trans-1,3-Dichloroprop...	7.625	79	18587	4.086	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.800%	
46) 2-Hexanone-d5	8.088	63	78400	49.109	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.220%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40679	4.758	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	63352	4.245	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	84.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	70811	4.637	ug/L	99
3) Chloromethane	1.243	50	92264	5.561	ug/L	97
5) Vinyl chloride	1.314	62	97233	5.186	ug/L	98
6) Bromomethane	1.526	94	54525	4.033	ug/L	99
8) Chloroethane	1.587	64	64628	4.465	ug/L	97
9) Trichlorofluoromethane	1.757	101	134201	5.096	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	66314	4.482	ug/L	100
12) 1,1-Dichloroethene	2.121	96	74010	5.048	ug/L	89
13) Acetone	2.195	43	68290	52.630	ug/L	95
14) Carbon disulfide	2.297	76	167443	4.771	ug/L	100
15) Methyl Acetate	2.445	43	17666	6.126	ug/L #	85
16) Methylene chloride	2.510	84	64449	4.534	ug/L	96
17) Methyl tert-butyl Ether	2.773	73	117434	5.176	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	61419	4.999	ug/L	96
19) 1,1-Dichloroethane	3.195	63	110333	5.302	ug/L	99
21) 2-Butanone	3.992	43	99732	55.624	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	65240	5.044	ug/L	94
23) Bromochloromethane	4.252	128	26886	5.007	ug/L	92
25) Chloroform	4.378	83	117336	5.342	ug/L	94

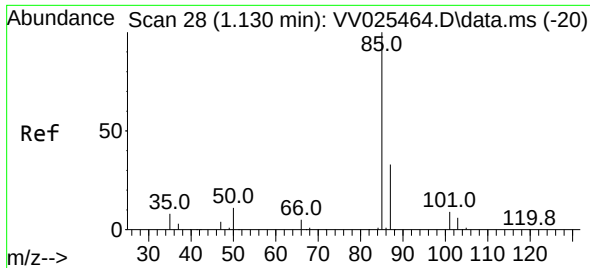
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041222\
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	61941	5.345	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	101573	5.135	ug/L	99
30) Cyclohexane	4.680	56	85226	4.739	ug/L	98
31) Carbon tetrachloride	4.828	117	80439	4.808	ug/L	98
33) Benzene	5.101	78	265713	5.363	ug/L	100
34) Trichloroethene	5.915	95	63965	4.863	ug/L	96
35) Methylcyclohexane	6.133	83	86521	4.122	ug/L	99
37) 1,2-Dichloropropane	6.175	63	59777	5.216	ug/L	100
38) Bromodichloromethane	6.510	83	72163	5.072	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	74435	4.956	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	265740	57.907	ug/L	96
42) Toluene	7.387	91	274214	5.088	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	56671	4.856	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	39578	5.157	ug/L	99
47) Tetrachloroethene	7.976	164	45134	4.383	ug/L	99
48) 2-Hexanone	8.140	43	190740	59.641	ug/L	96
49) Dibromochloromethane	8.246	129	42739	5.072	ug/L	100
50) 1,2-Dibromoethane	8.352	107	36879	5.115	ug/L #	98
51) Chlorobenzene	8.879	112	168398	4.894	ug/L	99
52) Ethylbenzene	9.011	91	277175	4.822	ug/L	100
53) m,p-Xylene	9.136	106	108090	4.946	ug/L	97
54) o-Xylene	9.542	106	106292	5.008	ug/L	98
55) Styrene	9.561	104	172689	5.003	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	41838	5.456	ug/L	98
59) Bromoform	9.731	173	18453	5.022	ug/L	94
60) Isopropylbenzene	9.931	105	272941	4.954	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	31803	5.425	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	114814	4.673	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	215989	4.879	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	121881	4.739	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	120405	4.612	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	109949	4.827	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5535	5.461	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	81347	4.157	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	64668	4.287	ug/L	97
71) Naphthalene	13.500	128	103329	4.669	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	56555	4.528	ug/L	98

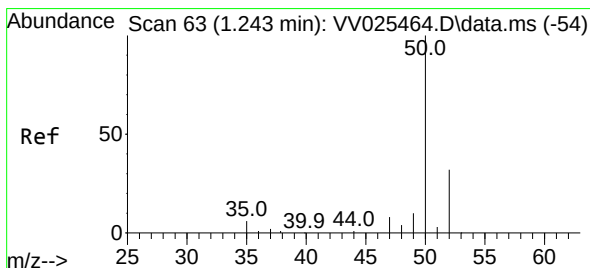
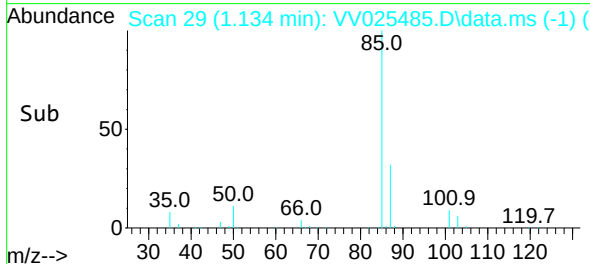
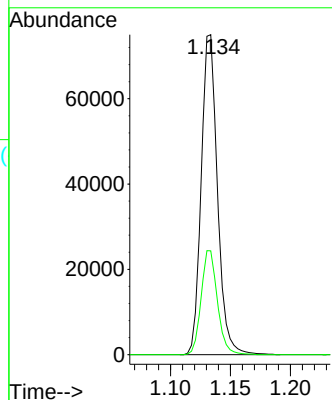
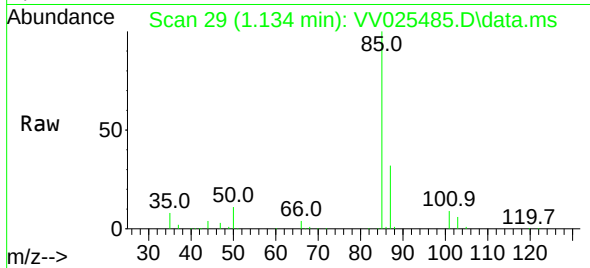
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.637 ug/L
 RT: 1.134 min Scan# 28
 Delta R.T. 0.003 min
 Lab File: VV025485.D
 Acq: 12 Apr 2022 19:49

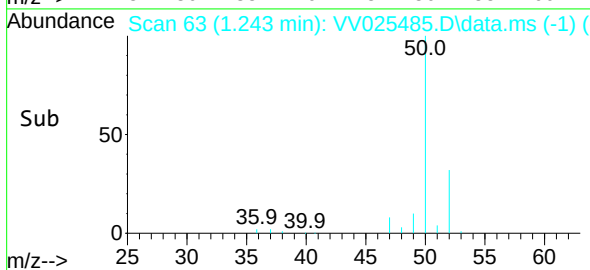
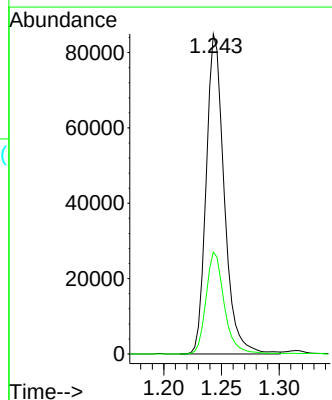
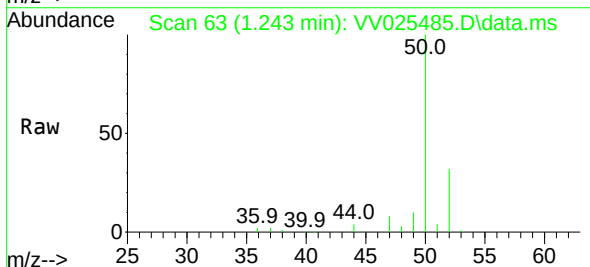
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005373

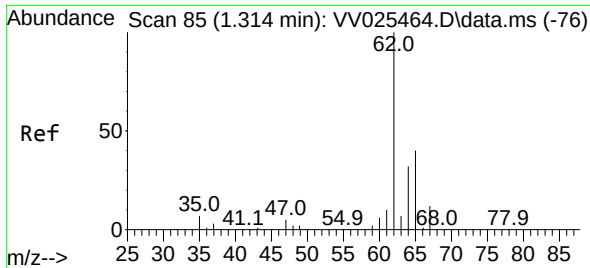
Tgt Ion: 85 Resp: 70811
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.6 38.4



#3
 Chloromethane
 Concen: 5.561 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025485.D
 Acq: 12 Apr 2022 19:49

Tgt Ion: 50 Resp: 92264
 Ion Ratio Lower Upper
 50 100
 52 31.9 23.7 43.9

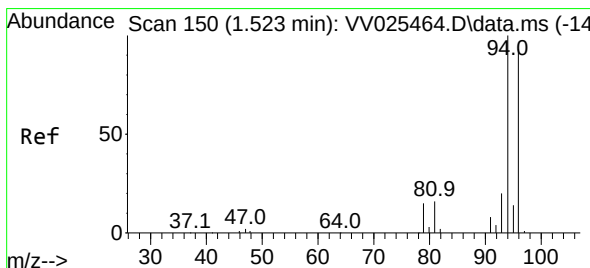
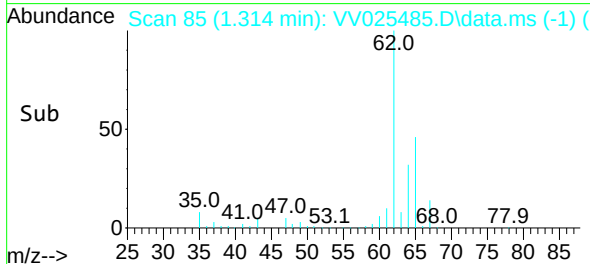
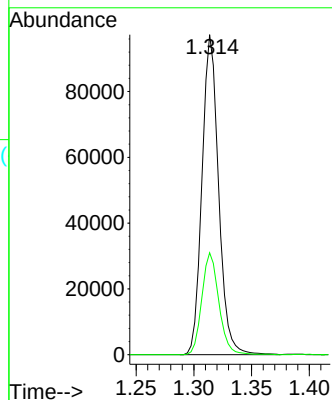
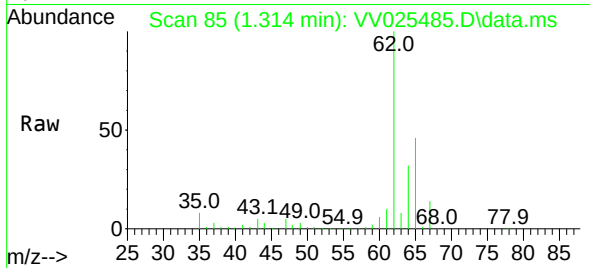




#5
 Vinyl chloride
 Concen: 5.186 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025485.D
 Acq: 12 Apr 2022 19:49

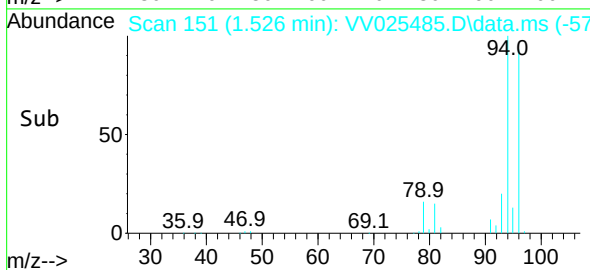
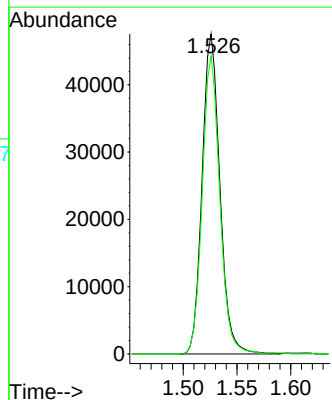
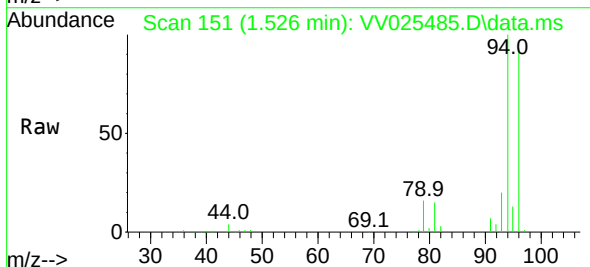
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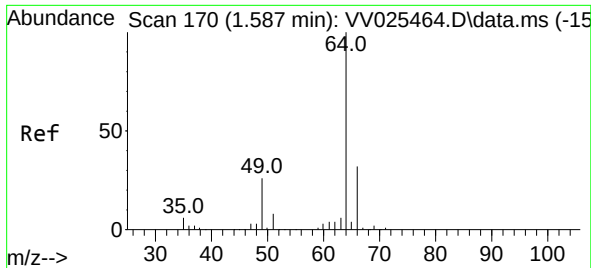
Tgt Ion: 62 Resp: 97233
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.2 43.2



#6
 Bromomethane
 Concen: 4.033 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV025485.D
 Acq: 12 Apr 2022 19:49

Tgt Ion: 94 Resp: 54525
 Ion Ratio Lower Upper
 94 100
 96 93.1 66.1 122.7

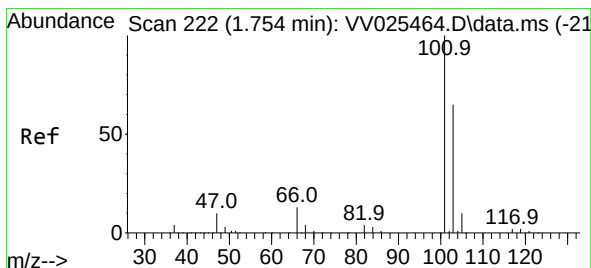
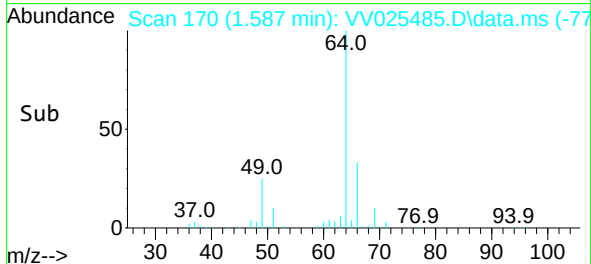
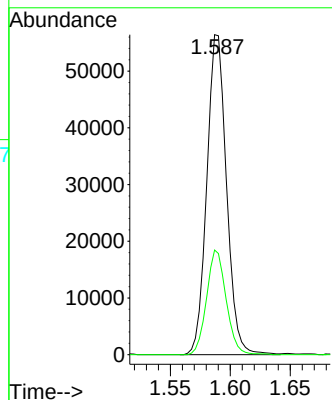
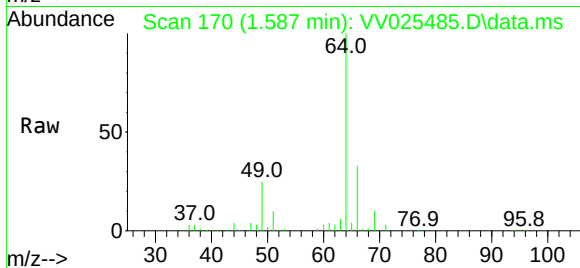




#8
Chloroethane
Concen: 4.465 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025485.D
Acq: 12 Apr 2022 19:49

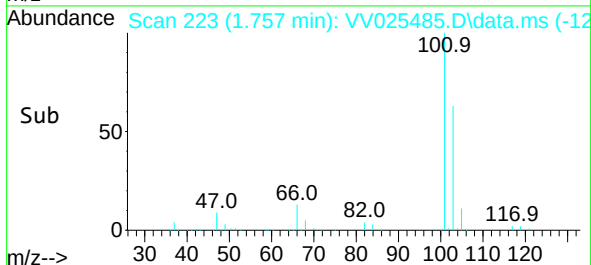
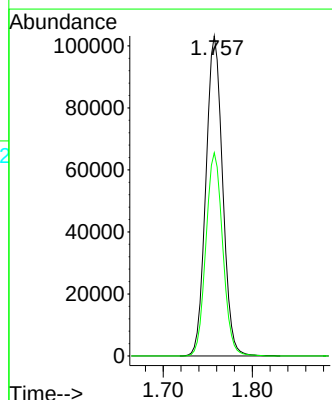
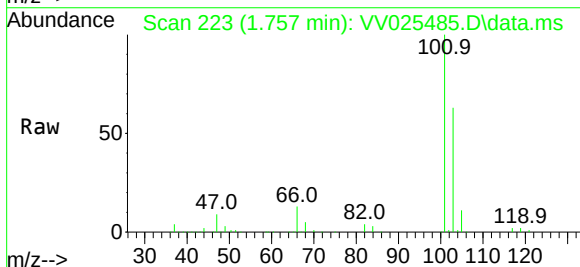
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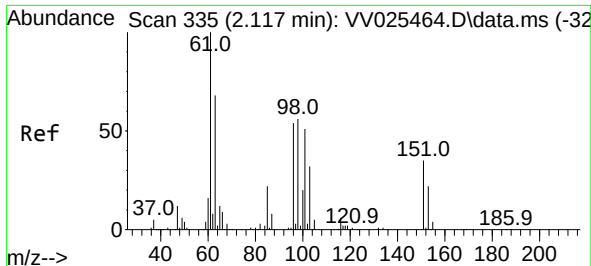
Tgt Ion: 64 Resp: 64628
Ion Ratio Lower Upper
64 100
66 32.7 21.8 40.6



#9
Trichlorofluoromethane
Concen: 5.096 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV025485.D
Acq: 12 Apr 2022 19:49

Tgt Ion:101 Resp: 134201
Ion Ratio Lower Upper
101 100
103 63.9 51.9 77.9

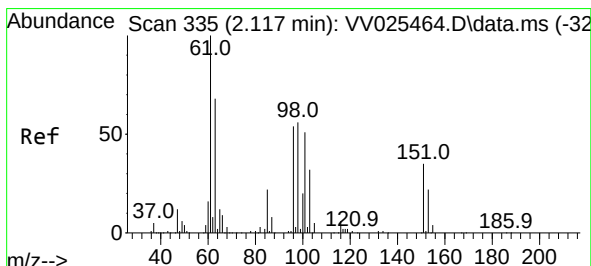
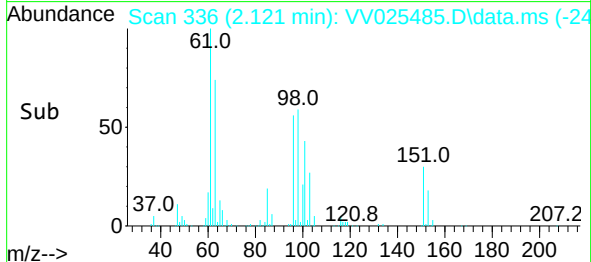
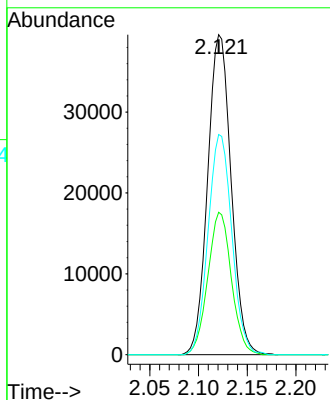
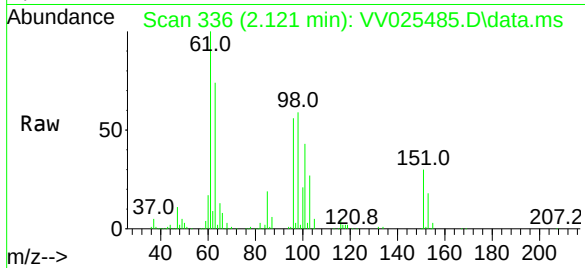




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.482 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025485.D
 Acq: 12 Apr 2022 19:49

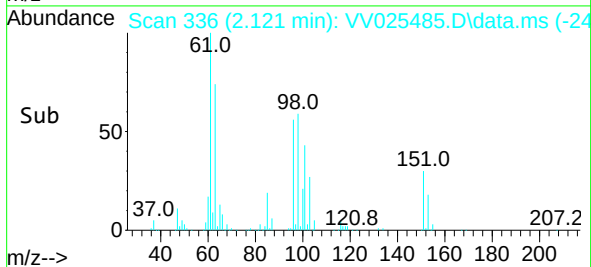
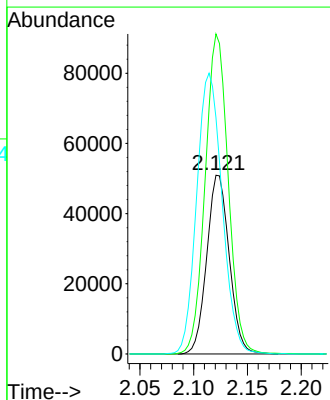
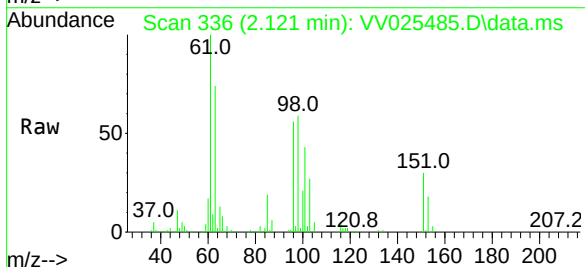
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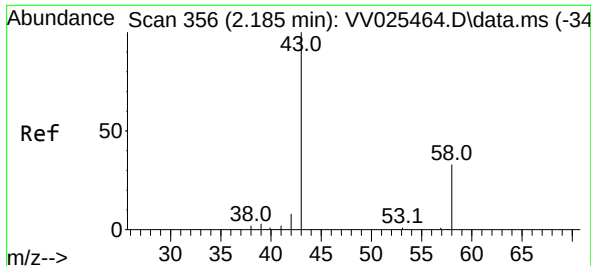
Tgt Ion: 101 Resp: 66314
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.9 53.9
 151 69.6 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 5.048 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025485.D
 Acq: 12 Apr 2022 19:49

Tgt Ion: 96 Resp: 74010
 Ion Ratio Lower Upper
 96 100
 61 179.1 125.2 232.4
 63 132.2 114.4 212.4





#13

Acetone

Concen: 52.630 ug/L

RT: 2.195 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV025485.D

Acq: 12 Apr 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

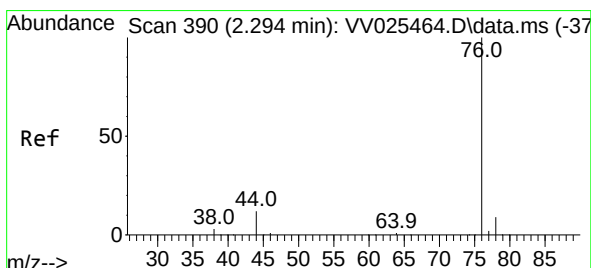
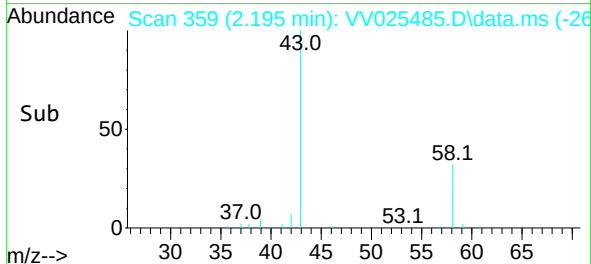
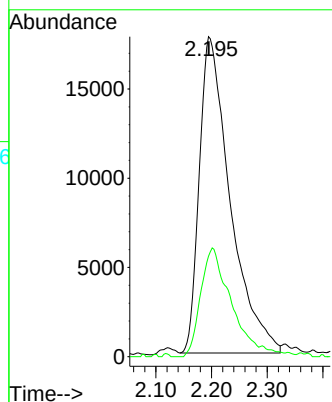
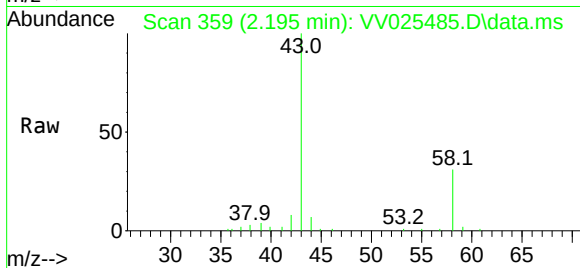
VSTD005373

Tgt Ion: 43 Resp: 68290

Ion Ratio Lower Upper

43 100

58 33.0 0.0 72.2



#14

Carbon disulfide

Concen: 4.771 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV025485.D

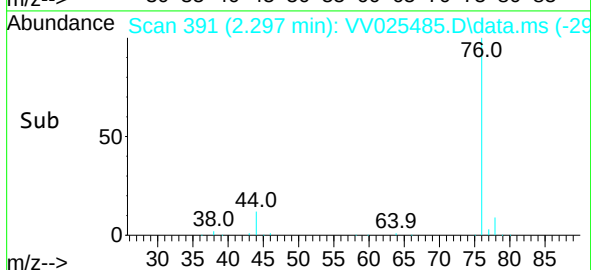
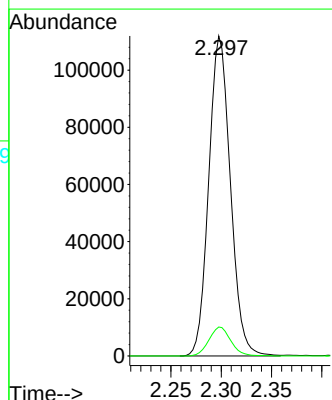
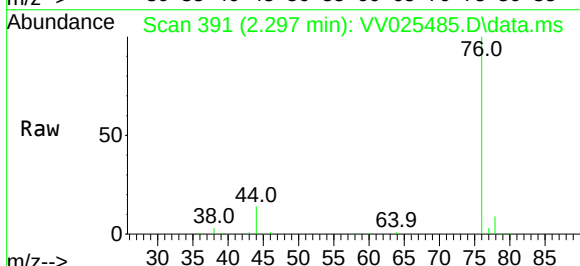
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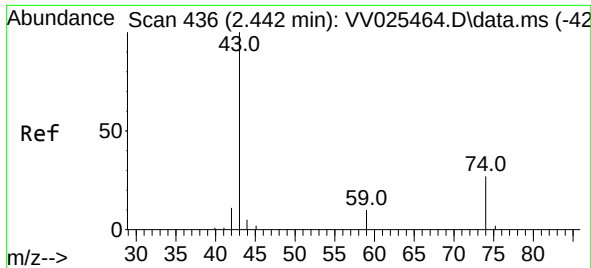
Tgt Ion: 76 Resp: 167443

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





#15

Methyl Acetate

Concen: 6.126 ug/L

RT: 2.445 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV025485.D

Acq: 12 Apr 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

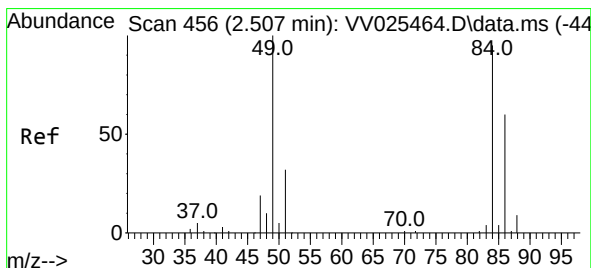
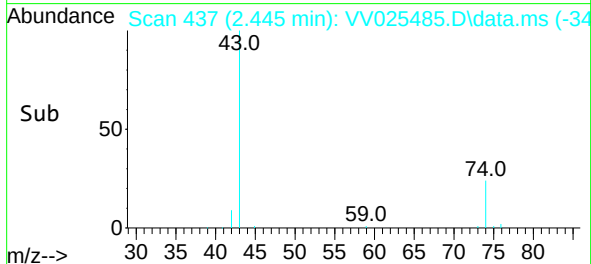
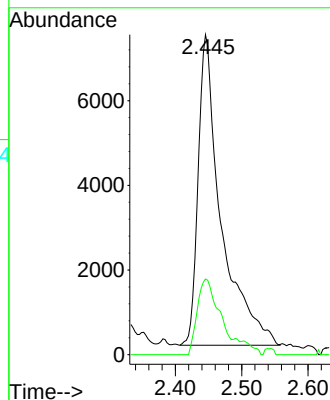
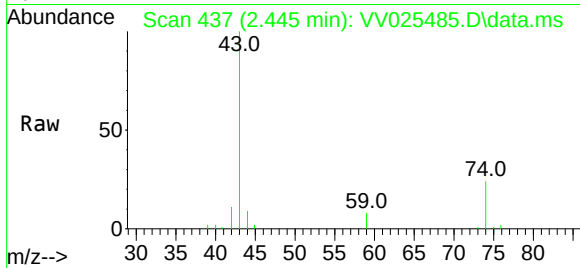
VSTD005373

Tgt Ion: 43 Resp: 17666

Ion Ratio Lower Upper

43 100

74 23.2 25.2 37.8#



#16

Methylene chloride

Concen: 4.534 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV025485.D

Acq: 12 Apr 2022 19:49

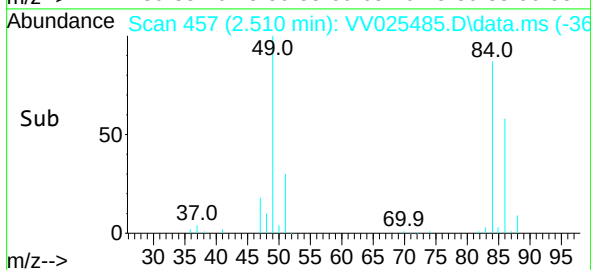
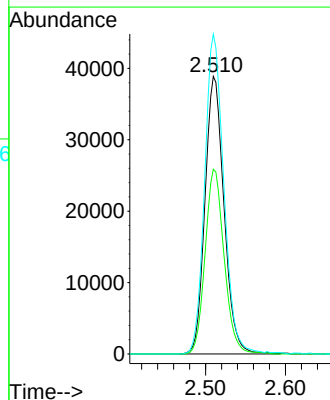
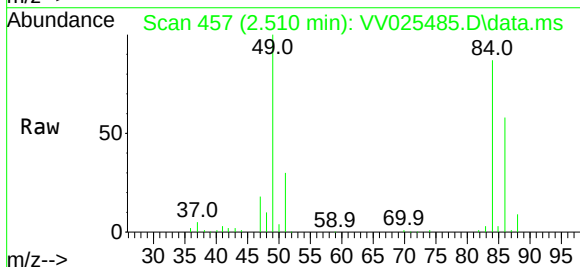
Tgt Ion: 84 Resp: 64449

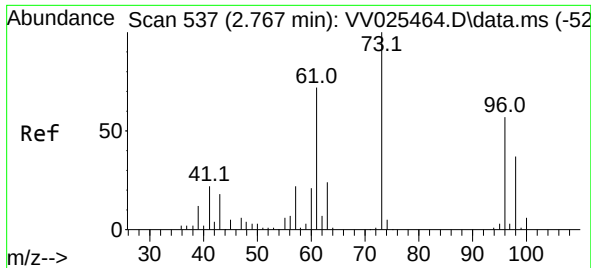
Ion Ratio Lower Upper

84 100

86 66.6 45.9 85.3

49 115.3 76.6 142.3

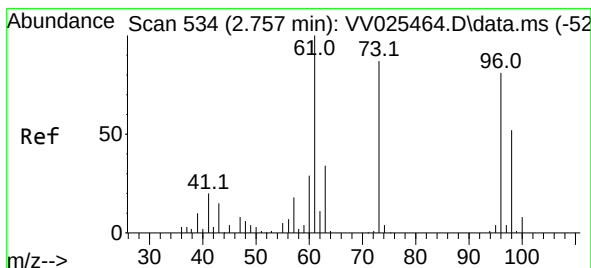
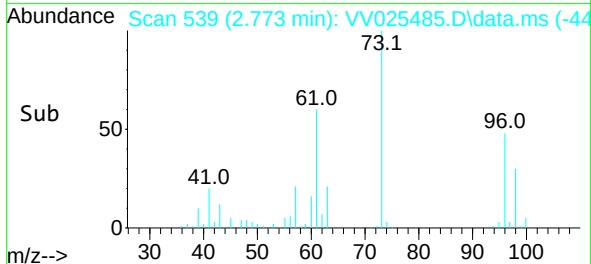
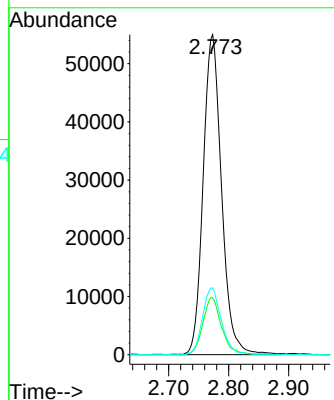
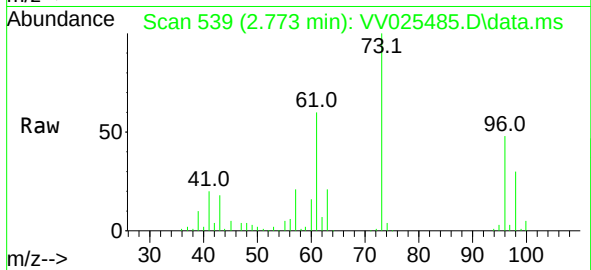




#17
Methyl tert-butyl Ether
Concen: 5.176 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV025485.D
Acq: 12 Apr 2022 19:49

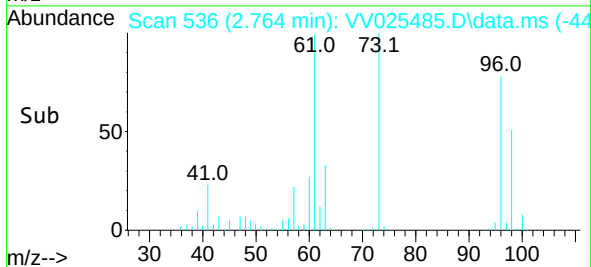
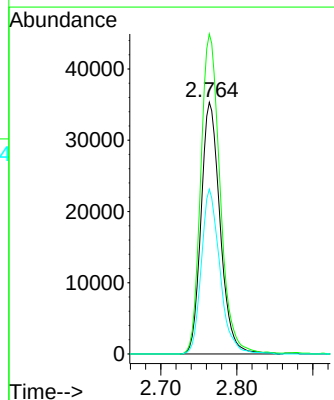
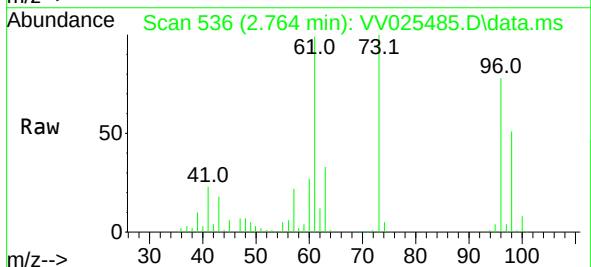
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

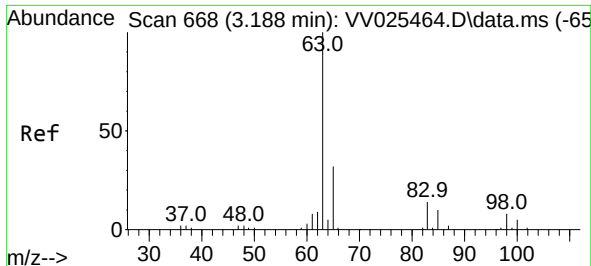
Tgt Ion: 73 Resp: 117434
Ion Ratio Lower Upper
73 100
43 18.1 14.2 21.4
57 21.3 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 4.999 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV025485.D
Acq: 12 Apr 2022 19:49

Tgt Ion: 96 Resp: 61419
Ion Ratio Lower Upper
96 100
61 127.1 92.1 171.1
98 65.5 47.5 88.1





#19

1,1-Dichloroethane

Concen: 5.302 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV025485.D

Acq: 12 Apr 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD005373

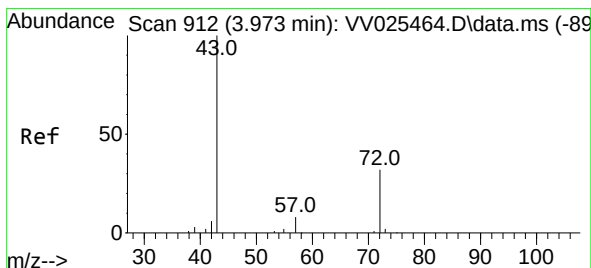
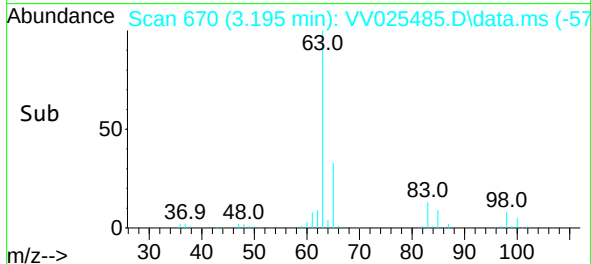
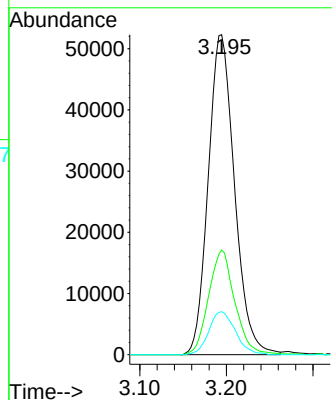
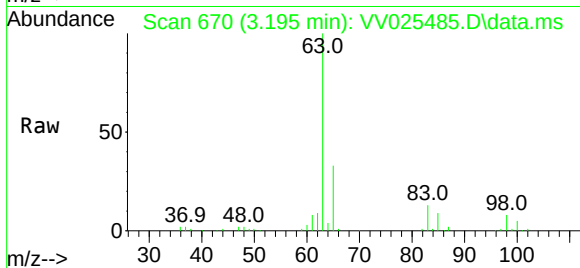
Tgt Ion: 63 Resp: 110333

Ion Ratio Lower Upper

63 100

65 32.7 23.2 43.0

83 13.5 9.0 16.8



#21

2-Butanone

Concen: 55.624 ug/L

RT: 3.992 min Scan# 918

Delta R.T. 0.019 min

Lab File: VV025485.D

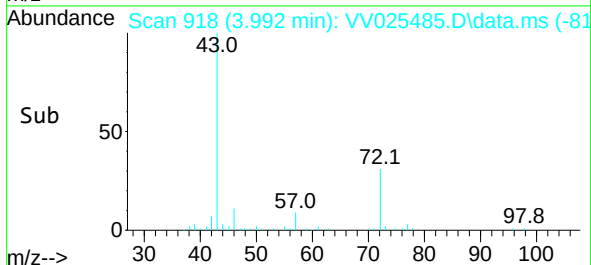
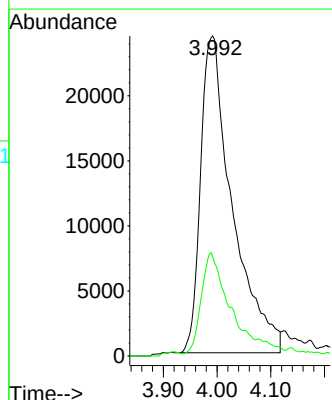
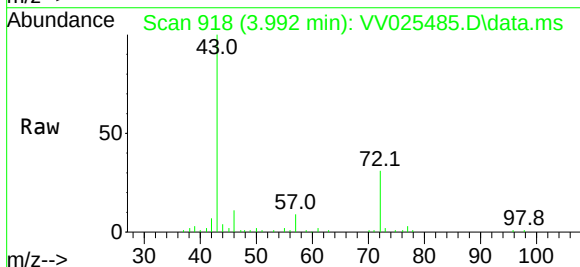
Acq: 12 Apr 2022 19:49

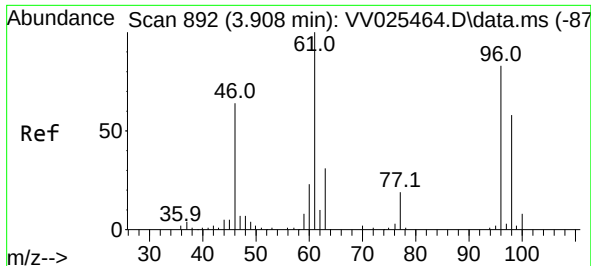
Tgt Ion: 43 Resp: 99732

Ion Ratio Lower Upper

43 100

72 27.4 15.2 45.6





#22

cis-1,2-Dichloroethene

Concen: 5.044 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.006 min

Lab File: VV025485.D

Acq: 12 Apr 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD005373

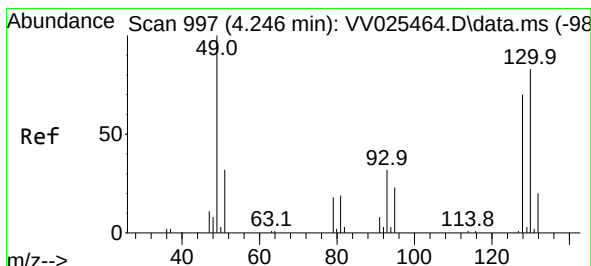
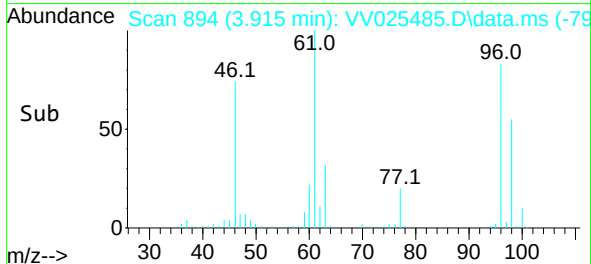
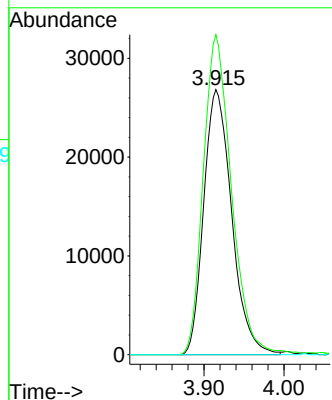
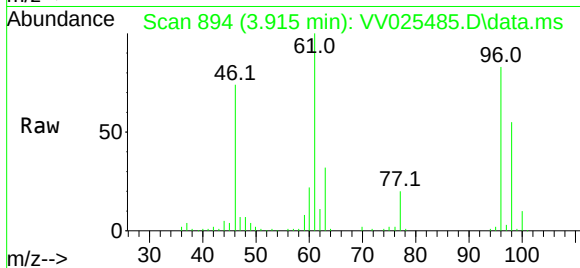
Tgt Ion: 96 Resp: 65240

Ion Ratio Lower Upper

96 100

61 120.7 80.0 148.6

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.007 ug/L

RT: 4.252 min Scan# 999

Delta R.T. 0.006 min

Lab File: VV025485.D

Acq: 12 Apr 2022 19:49

Tgt Ion: 128 Resp: 26886

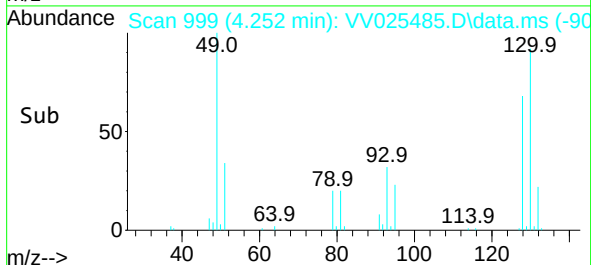
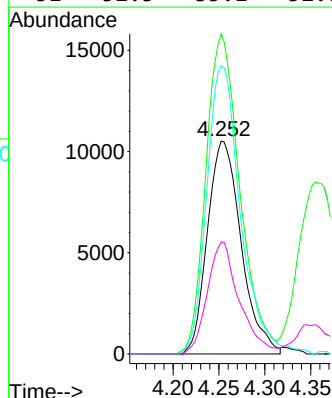
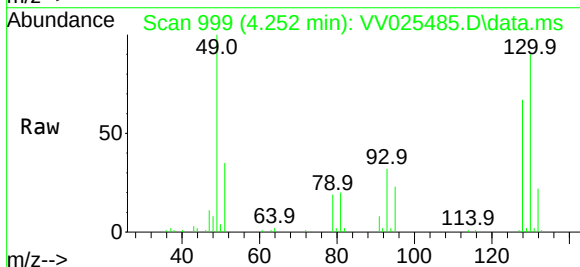
Ion Ratio Lower Upper

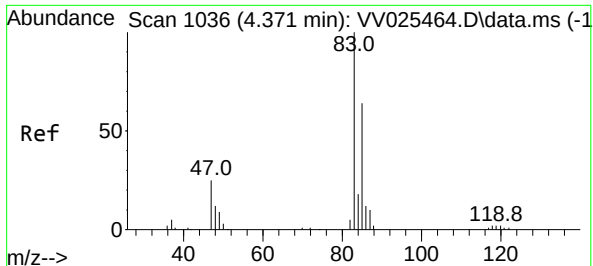
128 100

49 150.2 100.5 186.7

130 135.2 87.8 163.0

51 52.5 35.1 52.7





#25

Chloroform

Concen: 5.342 ug/L

RT: 4.378 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV025485.D

Acq: 12 Apr 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

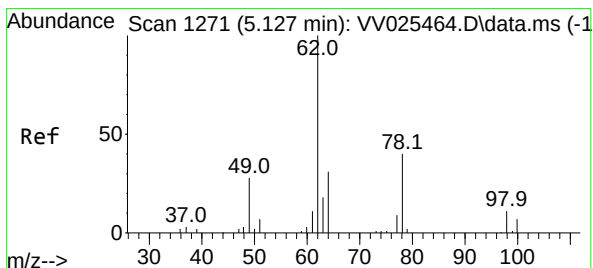
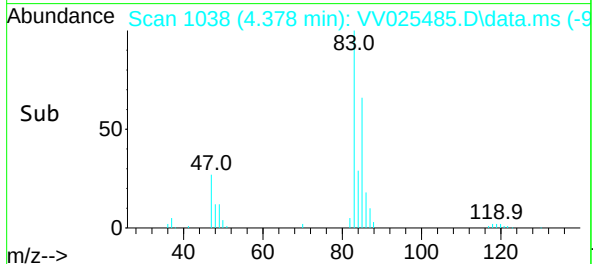
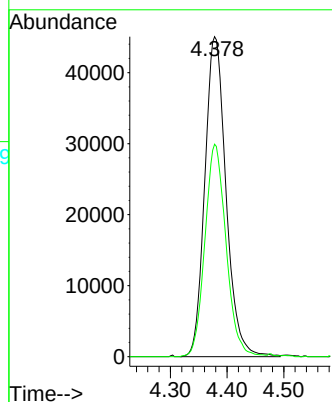
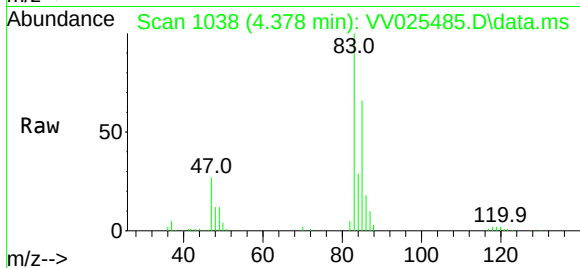
VSTD005373

Tgt Ion: 83 Resp: 117336

Ion Ratio Lower Upper

83 100

85 66.4 43.5 80.7



#27

1,2-Dichloroethane

Concen: 5.345 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VV025485.D

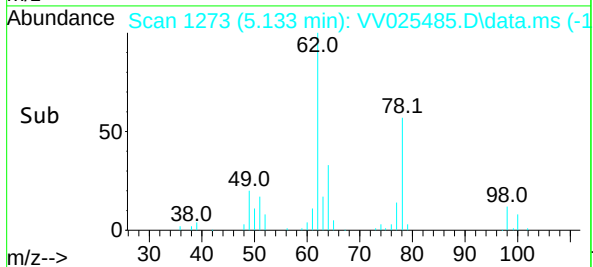
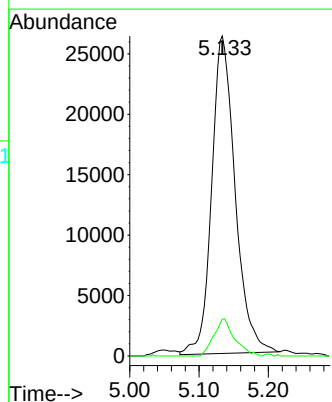
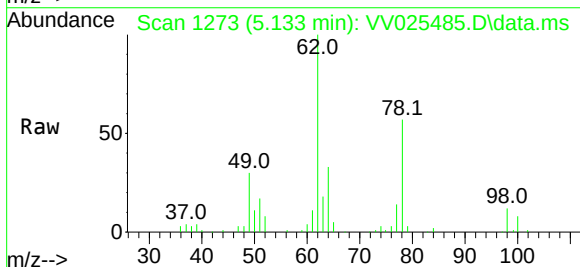
Acq: 12 Apr 2022 19:49

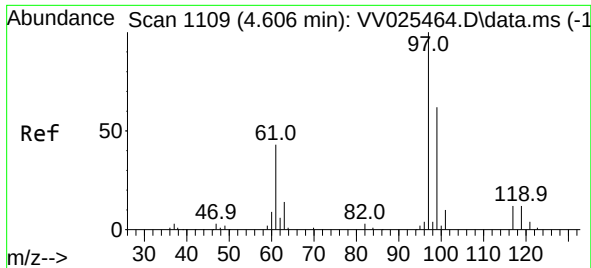
Tgt Ion: 62 Resp: 61941

Ion Ratio Lower Upper

62 100

98 11.5 8.8 13.2



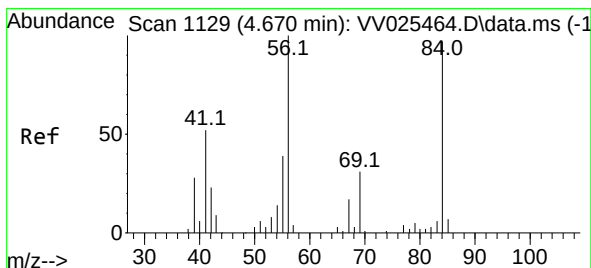
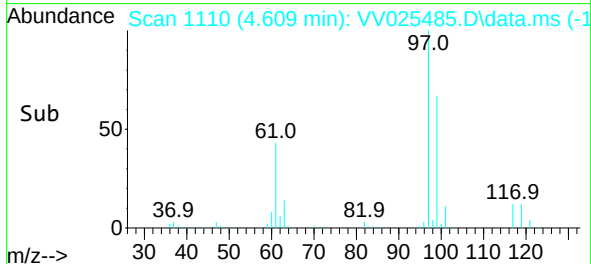
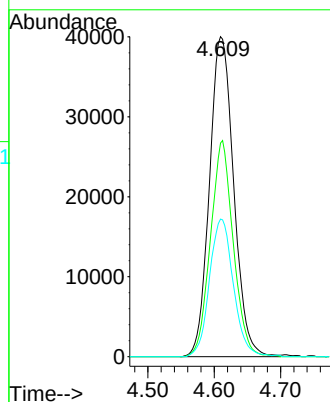
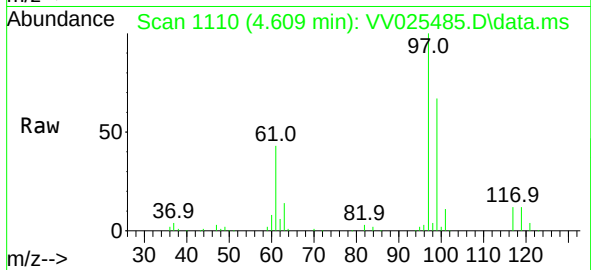


#29
1,1,1-Trichloroethane
Concen: 5.135 ug/L
RT: 4.609 min Scan# 1109
Delta R.T. 0.003 min
Lab File: VV025485.D
Acq: 12 Apr 2022 19:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

Tgt Ion: 97 Resp: 101573

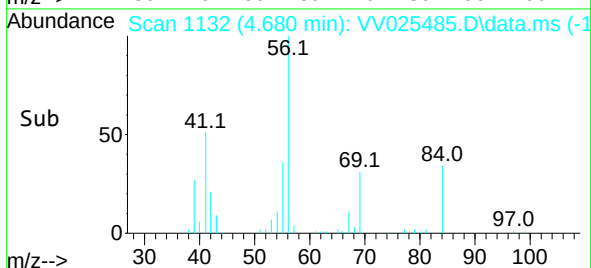
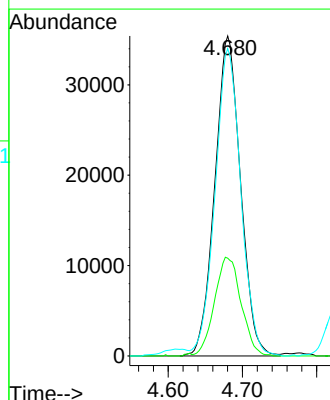
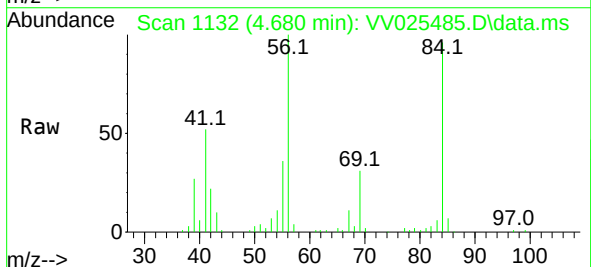
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.5	77.3
61	42.4	34.3	51.5

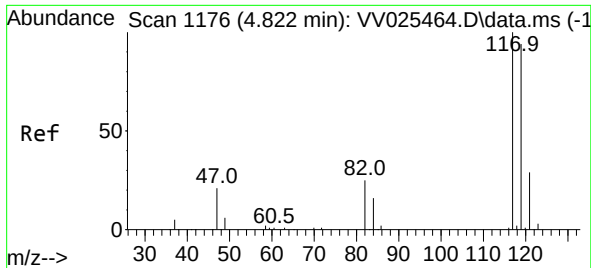


#30
Cyclohexane
Concen: 4.739 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.010 min
Lab File: VV025485.D
Acq: 12 Apr 2022 19:49

Tgt Ion: 56 Resp: 85226

Ion	Ratio	Lower	Upper
56	100		
69	31.9	26.1	39.1
84	96.3	78.6	118.0

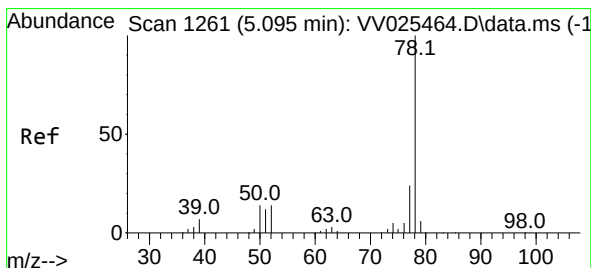
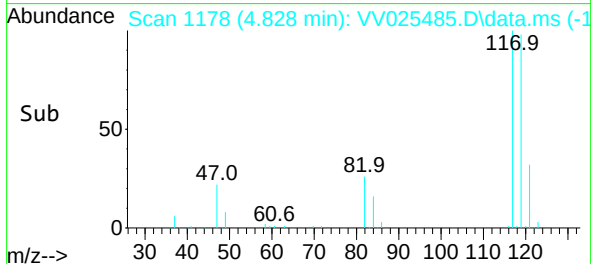
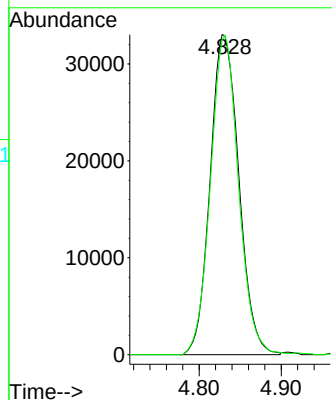
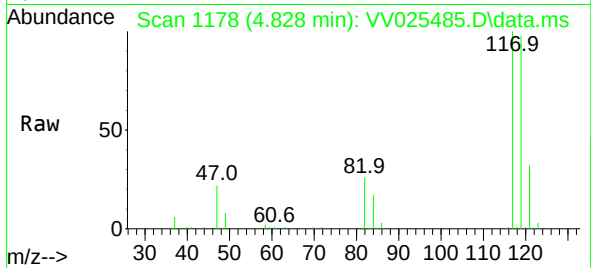




#31
Carbon tetrachloride
Concen: 4.808 ug/L
RT: 4.828 min Scan# 1176
Delta R.T. 0.006 min
Lab File: VV025485.D
Acq: 12 Apr 2022 19:49

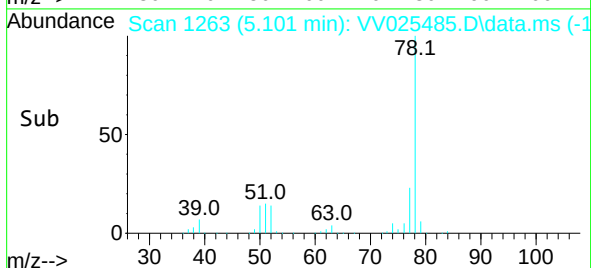
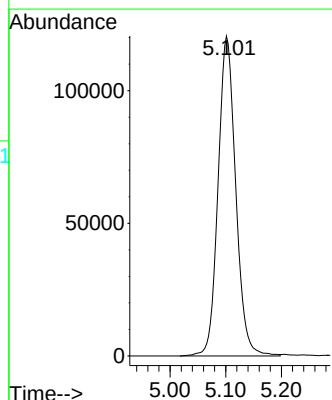
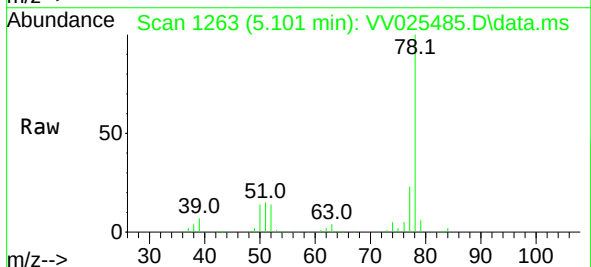
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

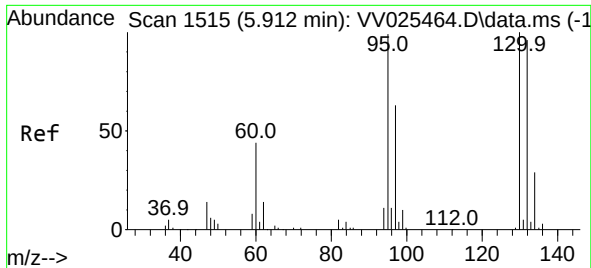
Tgt Ion:117 Resp: 80439
Ion Ratio Lower Upper
117 100
119 97.2 76.6 114.8



#33
Benzene
Concen: 5.363 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV025485.D
Acq: 12 Apr 2022 19:49

Tgt Ion: 78 Resp: 265713



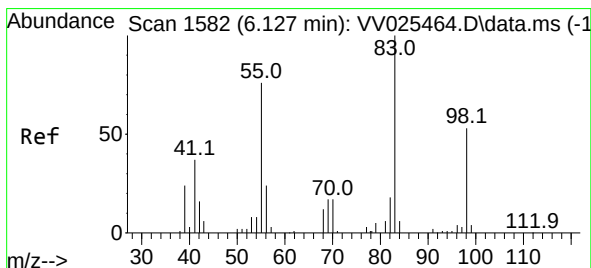
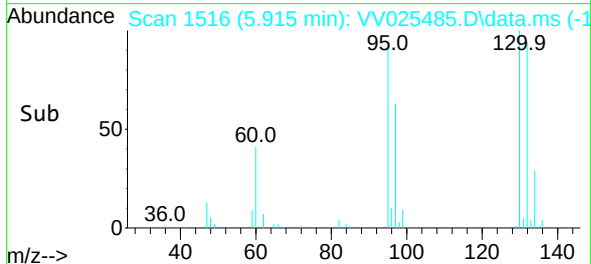
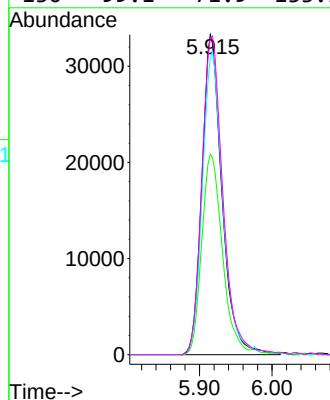
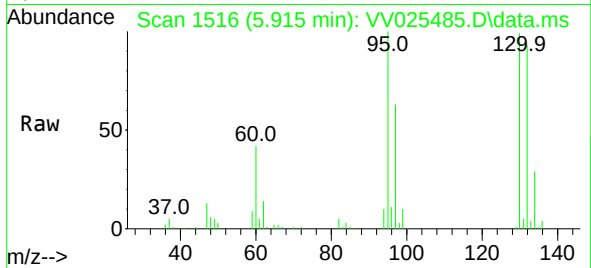


#34
Trichloroethene
Concen: 4.863 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV025485.D
Acq: 12 Apr 2022 19:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

Tgt Ion: 95 Resp: 63965

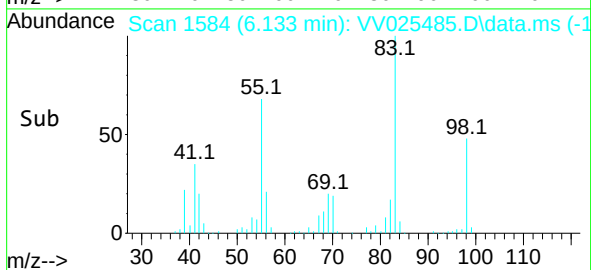
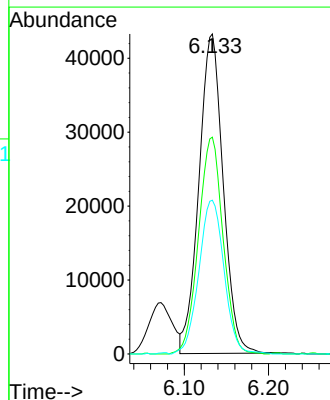
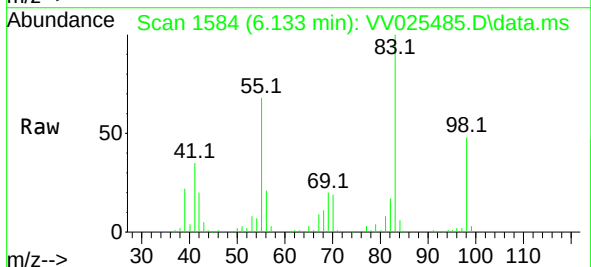
Ion	Ratio	Lower	Upper
95	100		
97	62.6	45.8	85.2
132	92.9	68.0	126.4
130	99.1	71.9	133.5

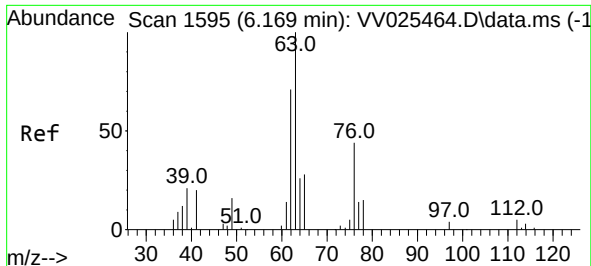


#35
Methylcyclohexane
Concen: 4.122 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.006 min
Lab File: VV025485.D
Acq: 12 Apr 2022 19:49

Tgt Ion: 83 Resp: 86521

Ion	Ratio	Lower	Upper
83	100		
55	68.6	53.7	80.5
98	50.1	39.6	59.4





#37

1,2-Dichloropropane

Concen: 5.216 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV025485.D

Acq: 12 Apr 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

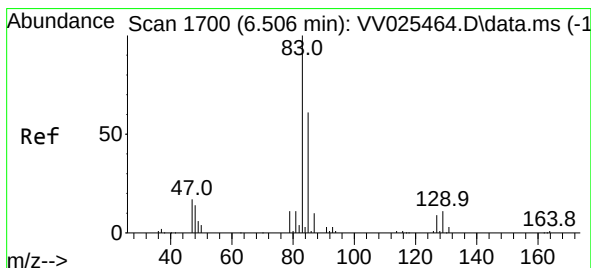
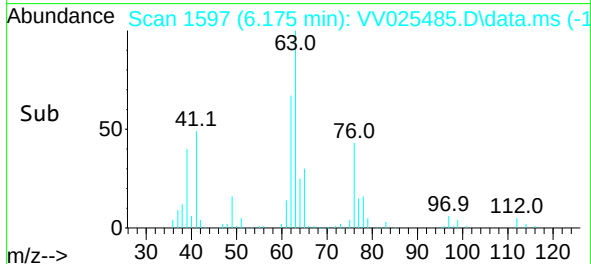
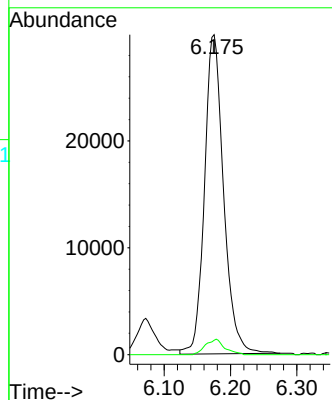
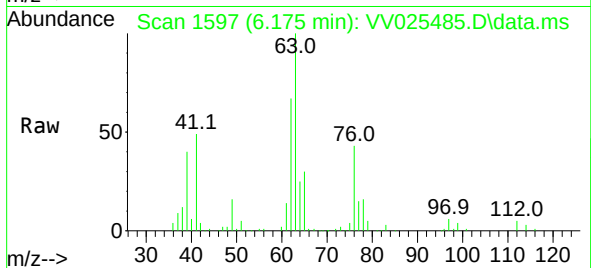
VSTD005373

Tgt Ion: 63 Resp: 59777

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 5.072 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025485.D

Acq: 12 Apr 2022 19:49

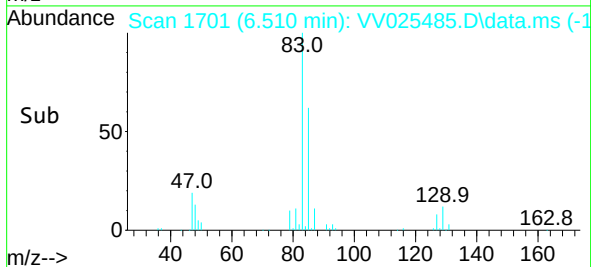
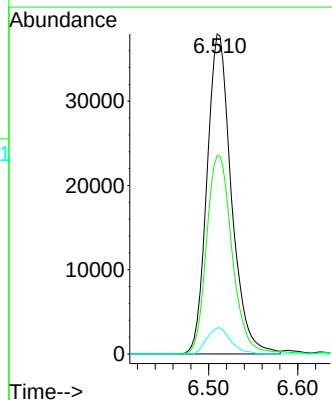
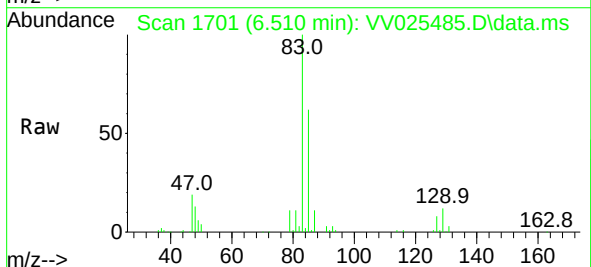
Tgt Ion: 83 Resp: 72163

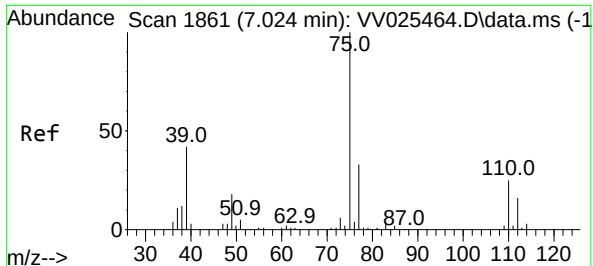
Ion Ratio Lower Upper

83 100

85 61.9 44.4 82.4

127 8.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.956 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV025485.D

Acq: 12 Apr 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

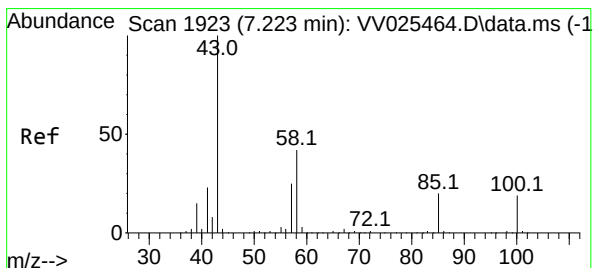
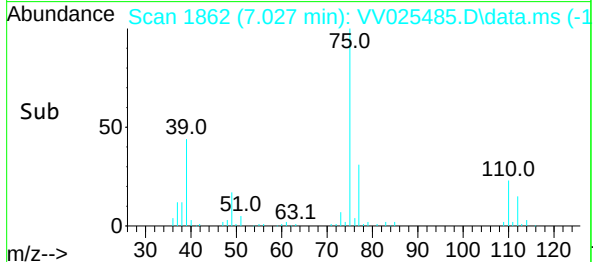
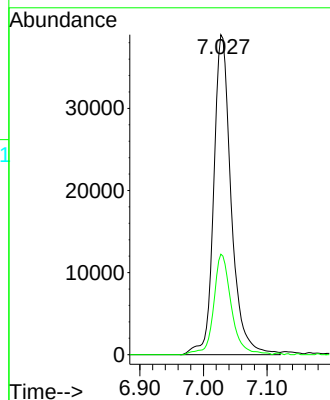
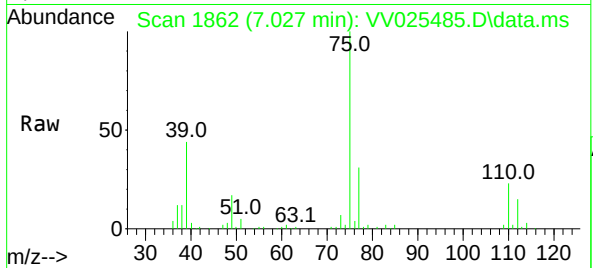
VSTD005373

Tgt Ion: 75 Resp: 74435

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 57.907 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025485.D

Acq: 12 Apr 2022 19:49

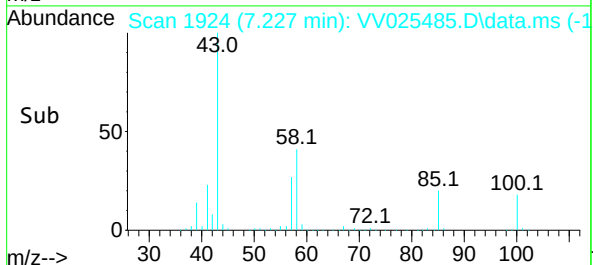
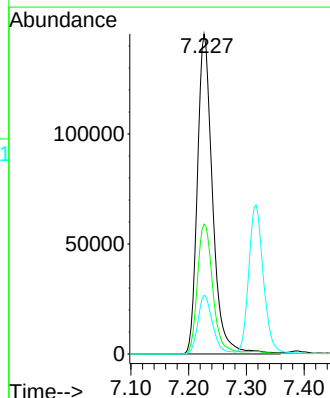
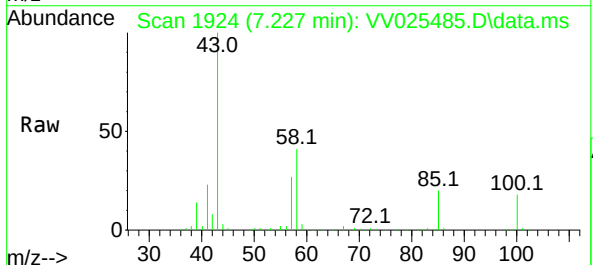
Tgt Ion: 43 Resp: 265740

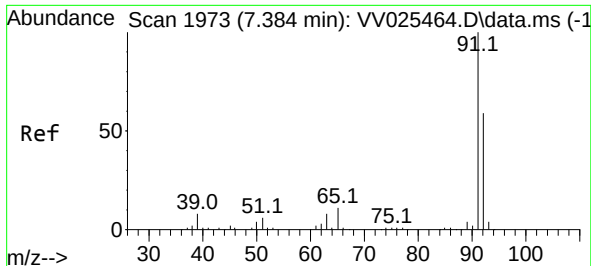
Ion Ratio Lower Upper

43 100

58 41.1 35.1 52.7

100 17.9 15.3 22.9





#42

Toluene

Concen: 5.088 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025485.D

Acq: 12 Apr 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

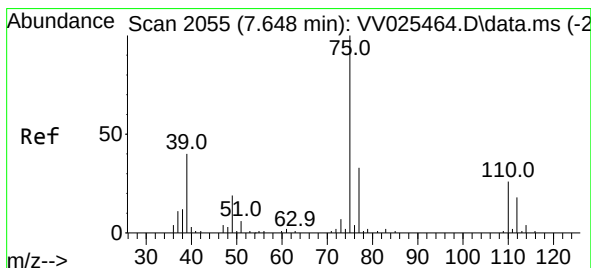
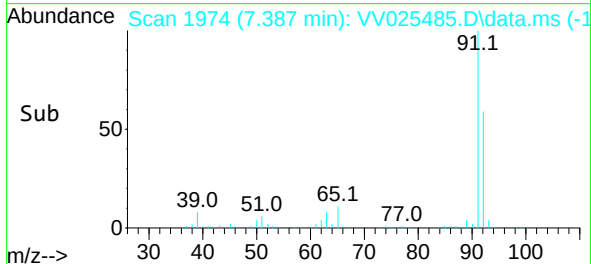
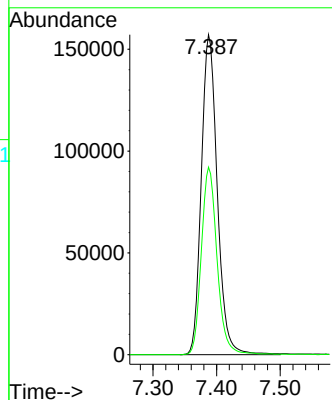
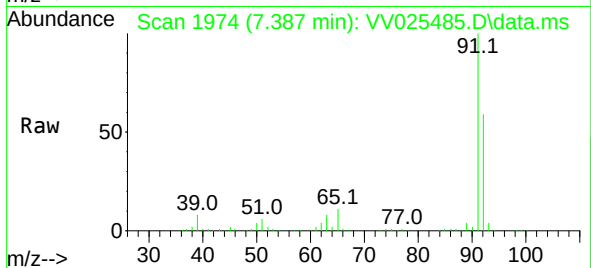
VSTD005373

Tgt Ion: 91 Resp: 274214

Ion Ratio Lower Upper

91 100

92 58.6 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.856 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025485.D

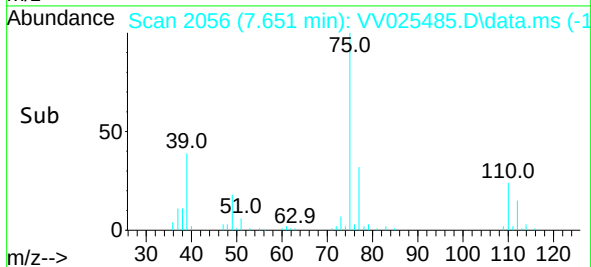
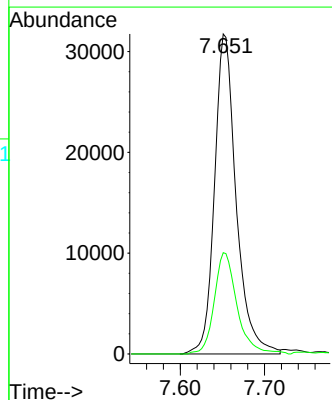
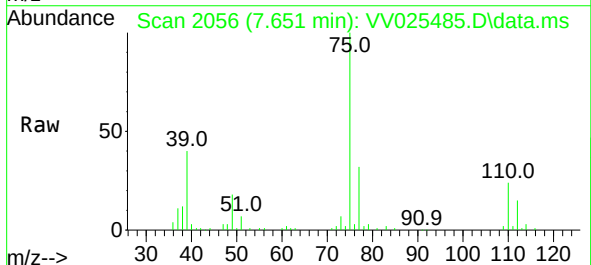
Acq: 12 Apr 2022 19:49

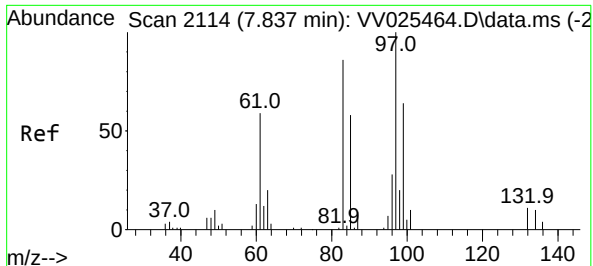
Tgt Ion: 75 Resp: 56671

Ion Ratio Lower Upper

75 100

77 31.6 21.7 40.3

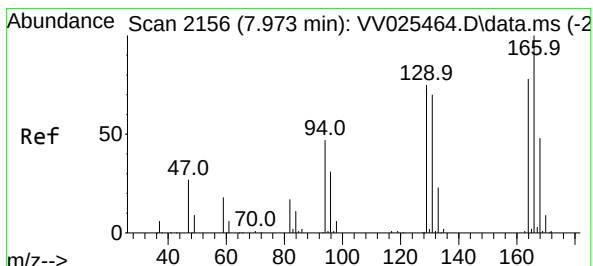
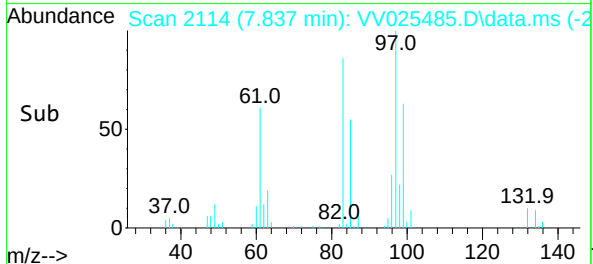
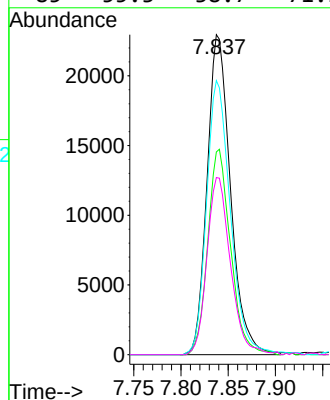
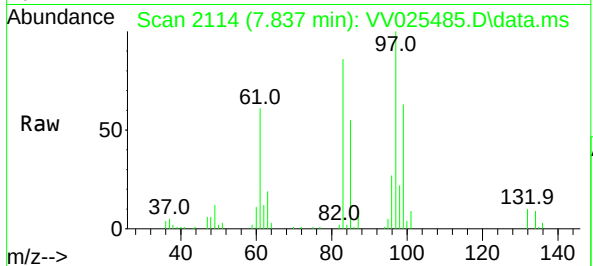




#45
1,1,2-Trichloroethane
Concen: 5.157 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV025485.D
Acq: 12 Apr 2022 19:49

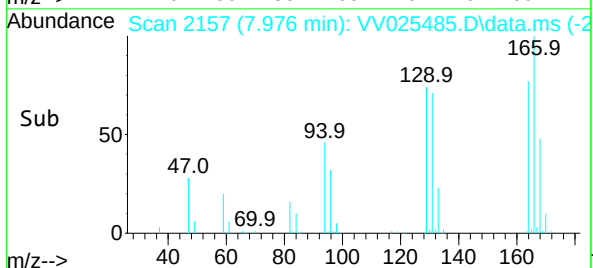
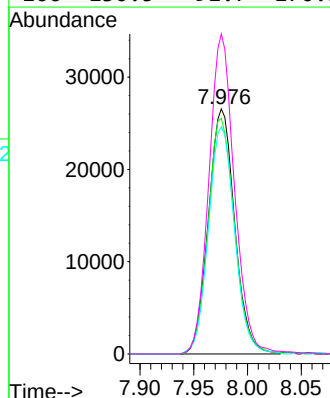
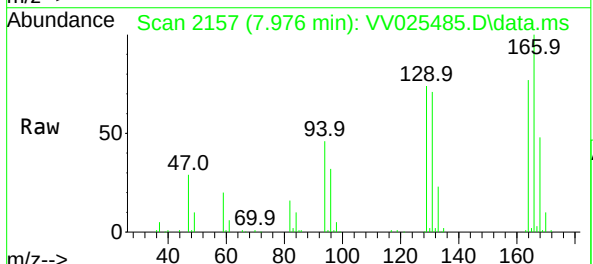
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

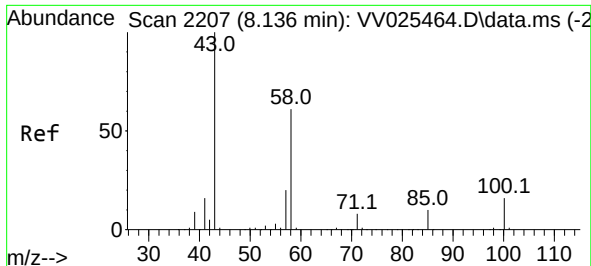
Tgt Ion:	97	Resp:	39578
Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.8	81.4
83	85.7	60.3	112.1
85	55.3	38.7	71.9



#47
Tetrachloroethene
Concen: 4.383 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025485.D
Acq: 12 Apr 2022 19:49

Tgt Ion:	164	Resp:	45134
Ion	Ratio	Lower	Upper
164	100		
129	96.1	66.8	124.2
131	92.7	66.4	123.4
166	130.5	91.7	170.3

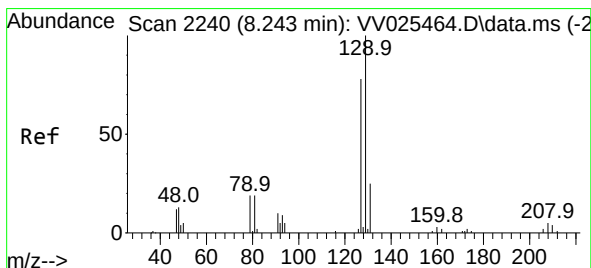
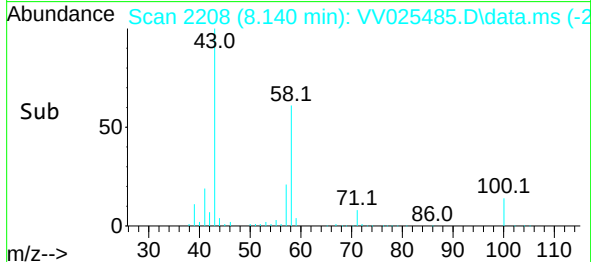
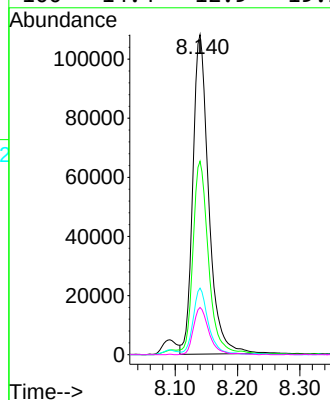
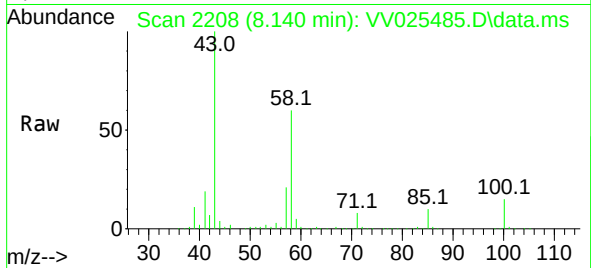




#48
2-Hexanone
Concen: 59.641 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV025485.D
Acq: 12 Apr 2022 19:49

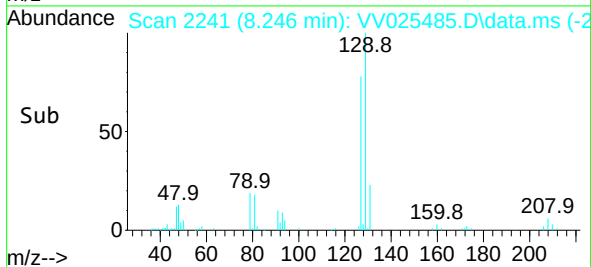
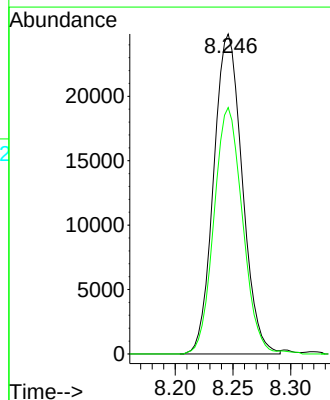
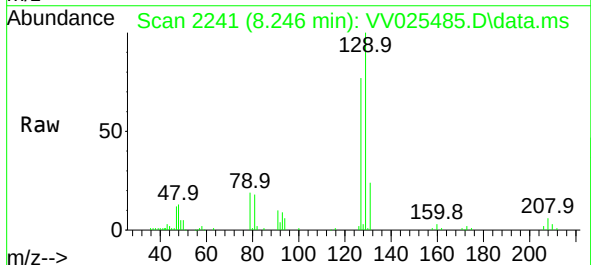
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

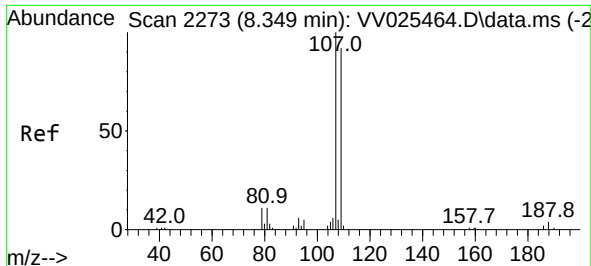
Tgt Ion: 43 Resp: 190740
Ion Ratio Lower Upper
43 100
58 58.8 49.7 74.5
57 19.6 16.4 24.6
100 14.4 12.9 19.3



#49
Dibromochloromethane
Concen: 5.072 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025485.D
Acq: 12 Apr 2022 19:49

Tgt Ion: 129 Resp: 42739
Ion Ratio Lower Upper
129 100
127 77.0 53.8 100.0





#50

1,2-Dibromoethane

Concen: 5.115 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025485.D

Acq: 12 Apr 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD005373

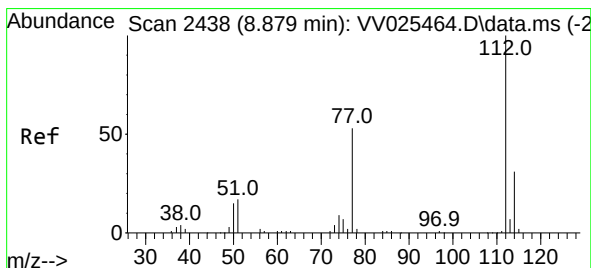
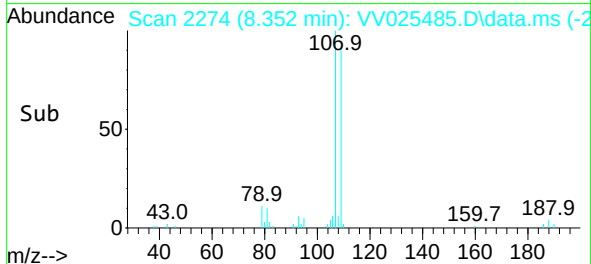
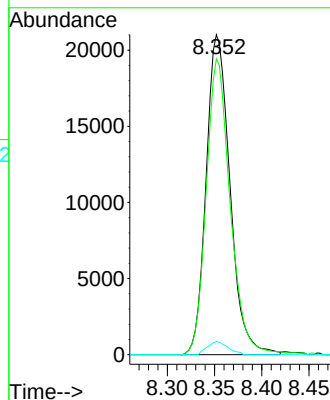
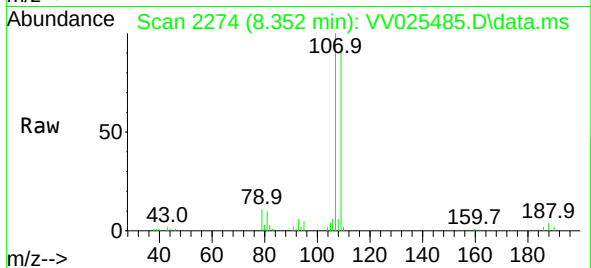
Tgt Ion:107 Resp: 36879

Ion Ratio Lower Upper

107 100

109 92.5 65.9 122.3

188 4.1 2.7 4.1#



#51

Chlorobenzene

Concen: 4.894 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV025485.D

Acq: 12 Apr 2022 19:49

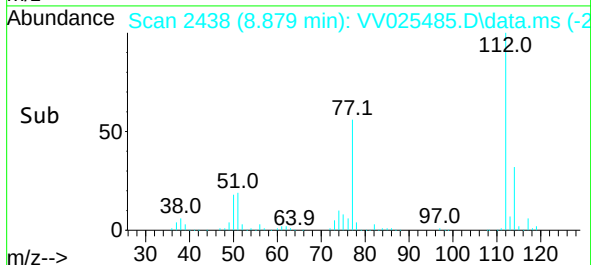
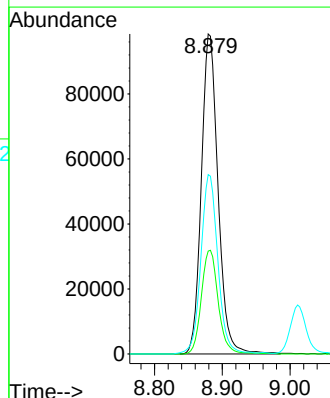
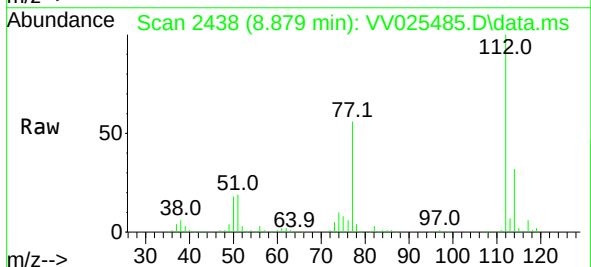
Tgt Ion:112 Resp: 168398

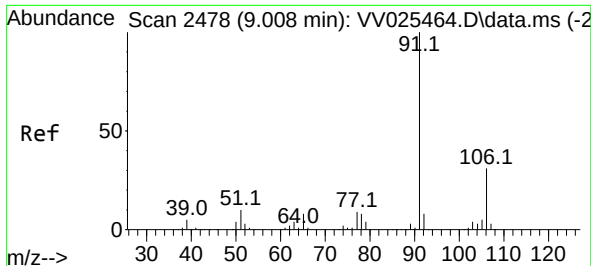
Ion Ratio Lower Upper

112 100

114 32.1 22.4 41.6

77 56.0 43.7 65.5

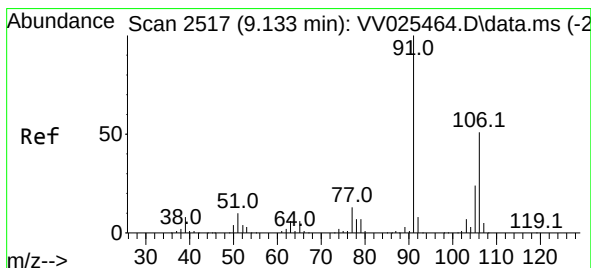
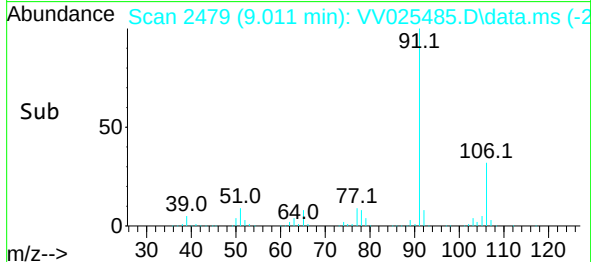
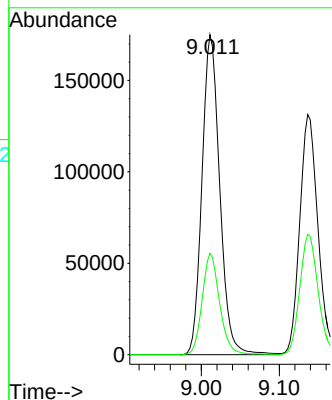
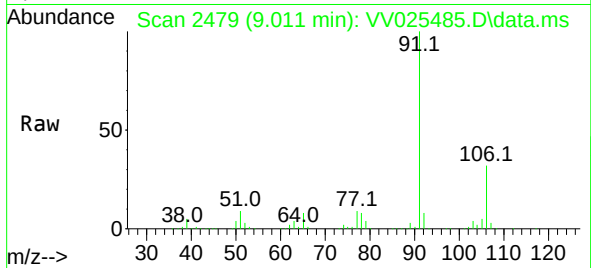




#52
Ethylbenzene
Concen: 4.822 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025485.D
Acq: 12 Apr 2022 19:49

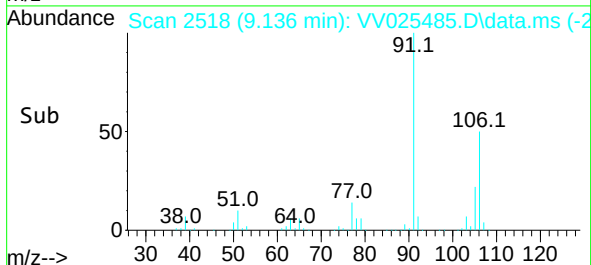
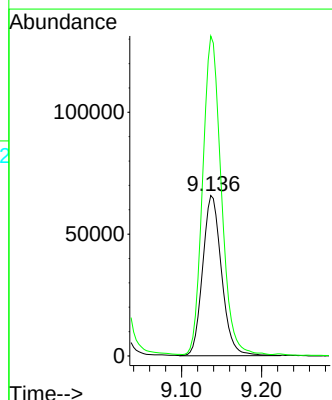
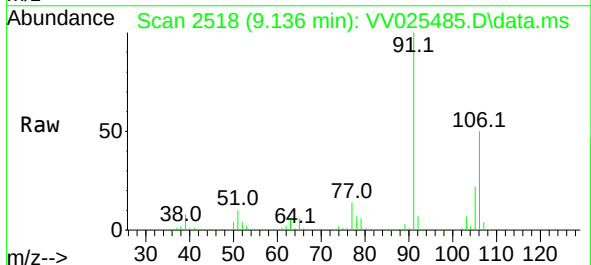
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

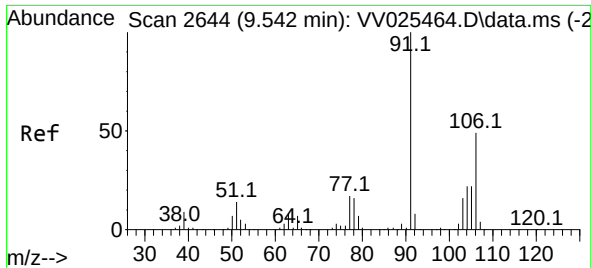
Tgt Ion: 91 Resp: 277175
Ion Ratio Lower Upper
91 100
106 31.6 22.3 41.3



#53
m,p-Xylene
Concen: 4.946 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV025485.D
Acq: 12 Apr 2022 19:49

Tgt Ion: 106 Resp: 108090
Ion Ratio Lower Upper
106 100
91 199.4 136.4 253.4

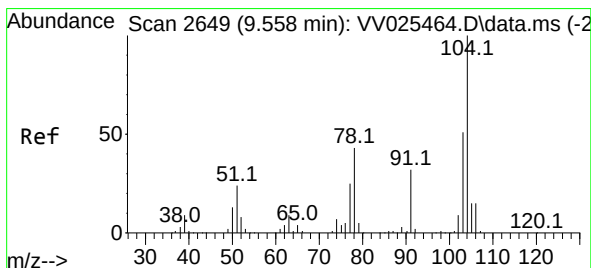
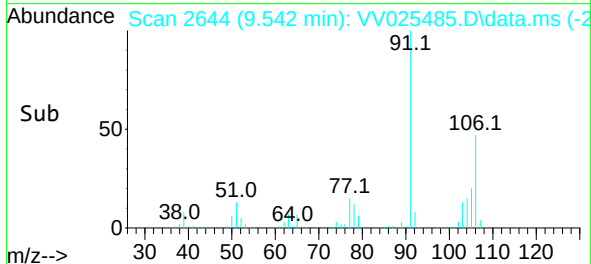
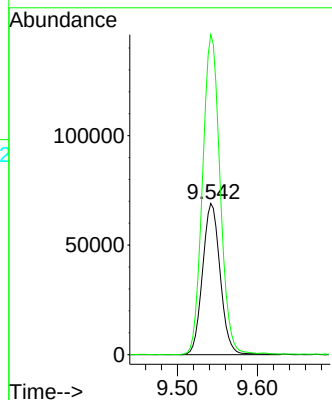
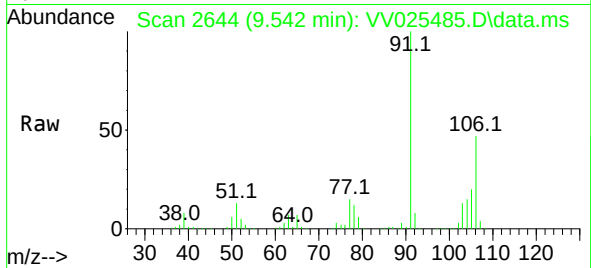




#54
o-Xylene
Concen: 5.008 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025485.D
Acq: 12 Apr 2022 19:49

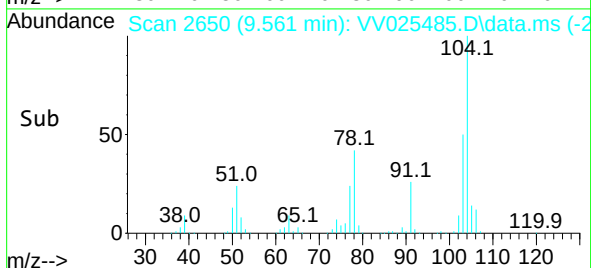
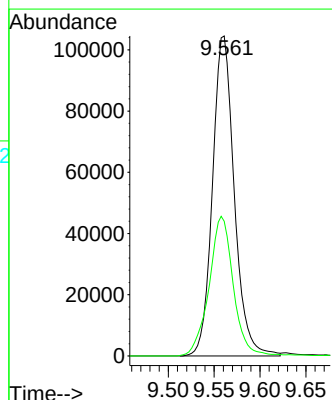
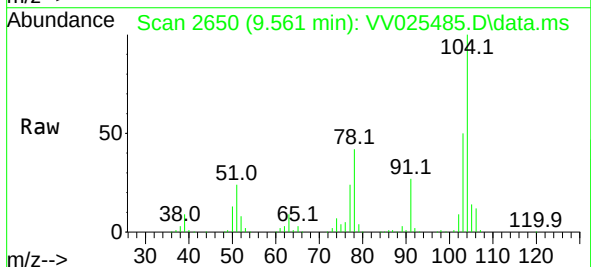
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

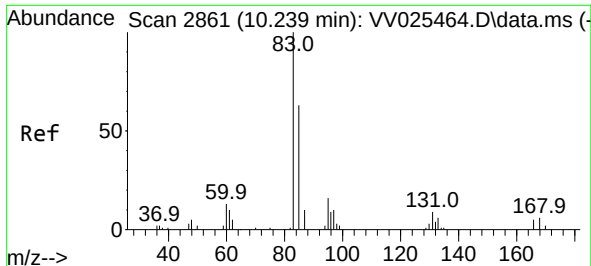
Tgt Ion:106 Resp: 106292
Ion Ratio Lower Upper
106 100
91 211.6 150.4 279.2



#55
Styrene
Concen: 5.003 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025485.D
Acq: 12 Apr 2022 19:49

Tgt Ion:104 Resp: 172689
Ion Ratio Lower Upper
104 100
78 42.1 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.456 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV025485.D

Acq: 12 Apr 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD005373

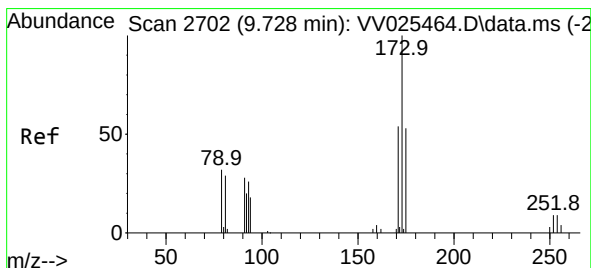
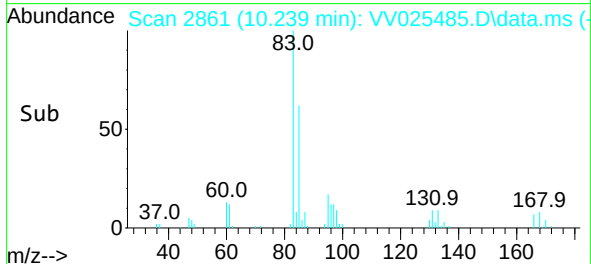
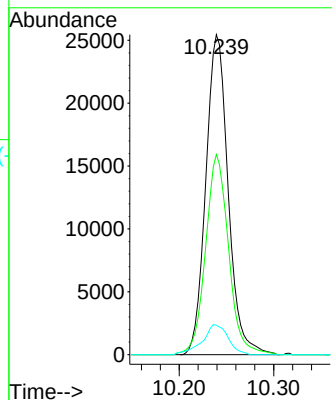
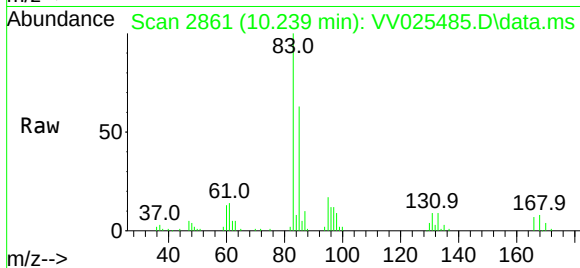
Tgt Ion: 83 Resp: 41838

Ion Ratio Lower Upper

83 100

85 62.5 45.1 83.9

131 9.2 7.9 11.9



#59

Bromoform

Concen: 5.022 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV025485.D

Acq: 12 Apr 2022 19:49

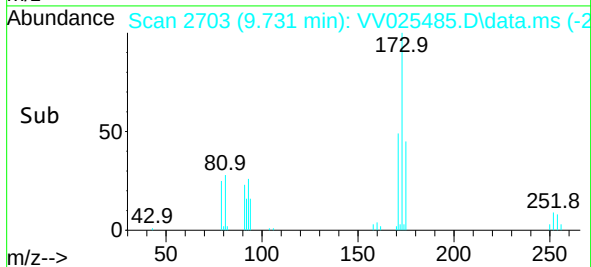
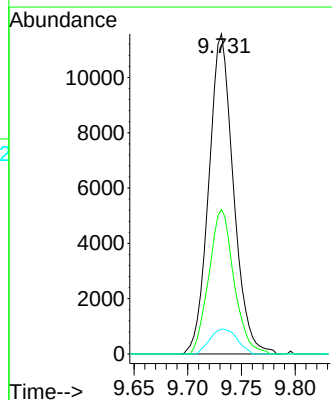
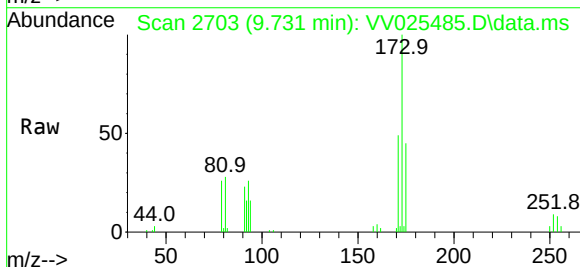
Tgt Ion: 173 Resp: 18453

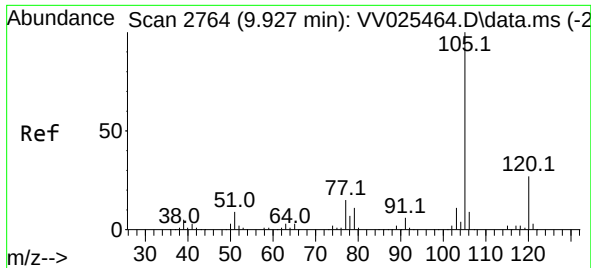
Ion Ratio Lower Upper

173 100

175 45.9 40.8 61.2

254 8.6 7.0 10.6

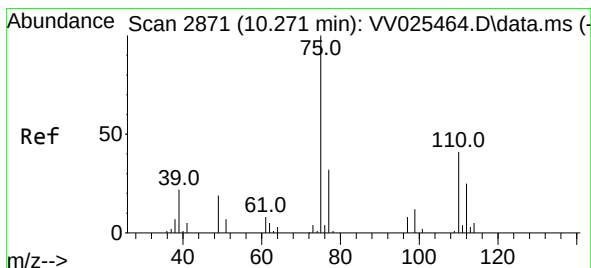
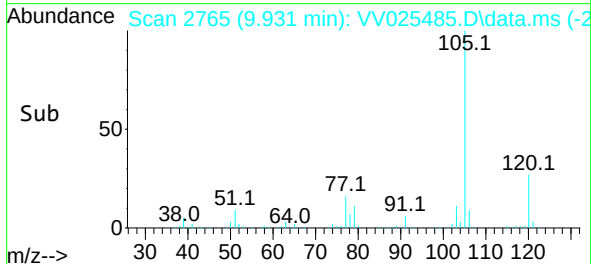
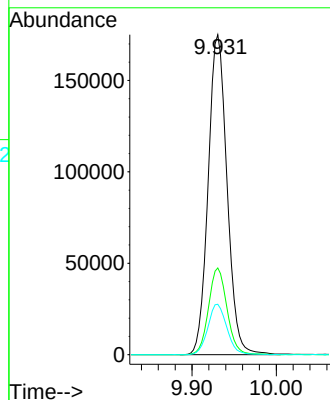
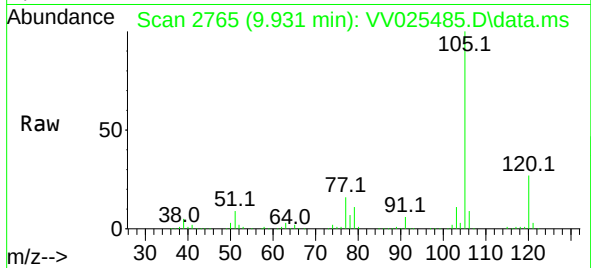




#60
Isopropylbenzene
Concen: 4.954 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV025485.D
Acq: 12 Apr 2022 19:49

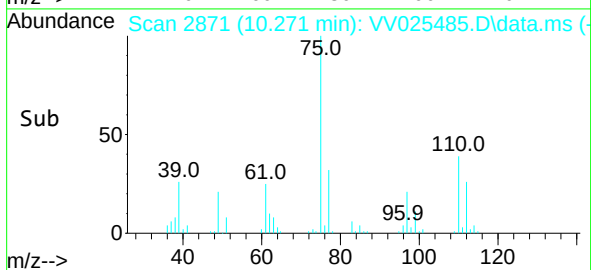
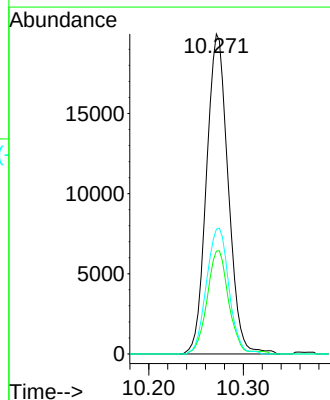
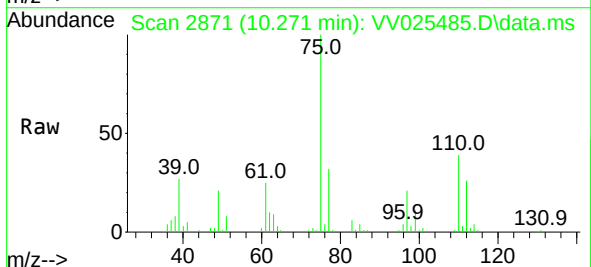
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

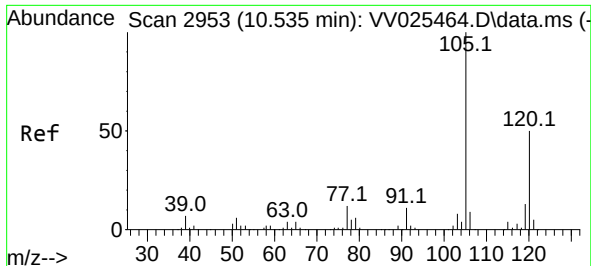
Tgt Ion:105 Resp: 272941
Ion Ratio Lower Upper
105 100
120 26.6 21.2 31.8
77 15.9 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.425 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025485.D
Acq: 12 Apr 2022 19:49

Tgt Ion: 75 Resp: 31803
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4
110 40.6 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 4.673 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV025485.D

Acq: 12 Apr 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

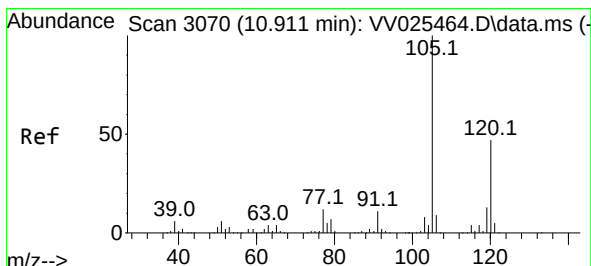
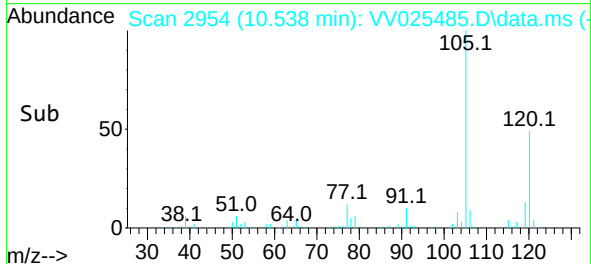
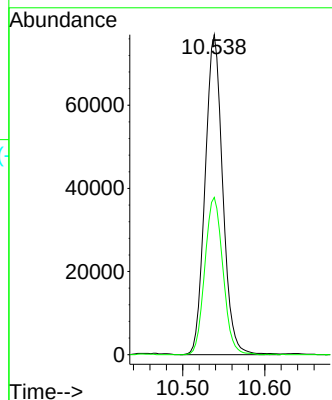
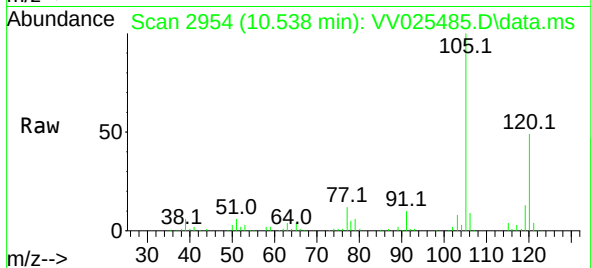
VSTD005373

Tgt Ion:105 Resp: 114814

Ion Ratio Lower Upper

105 100

120 50.5 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.879 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV025485.D

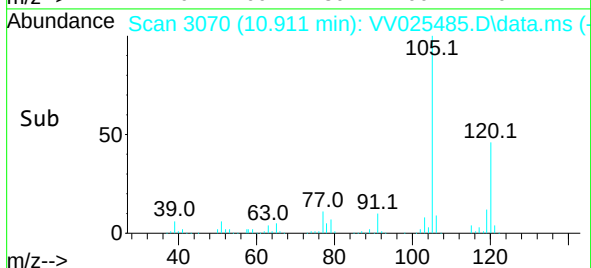
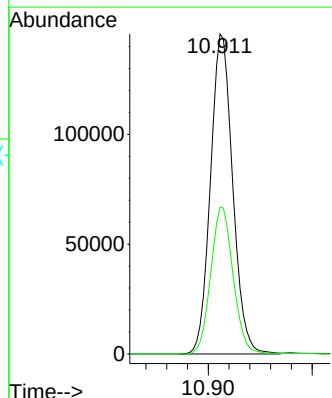
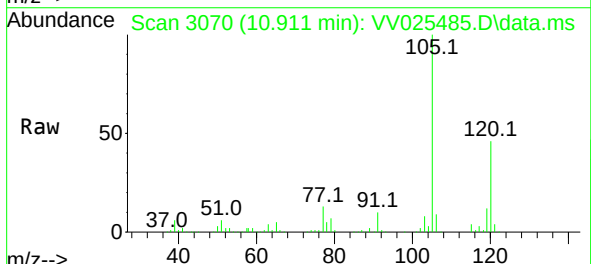
Acq: 12 Apr 2022 19:49

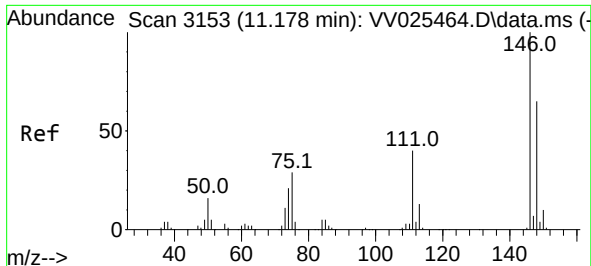
Tgt Ion:105 Resp: 215989

Ion Ratio Lower Upper

105 100

120 46.3 36.6 55.0

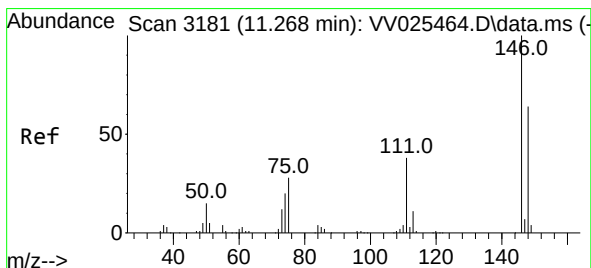
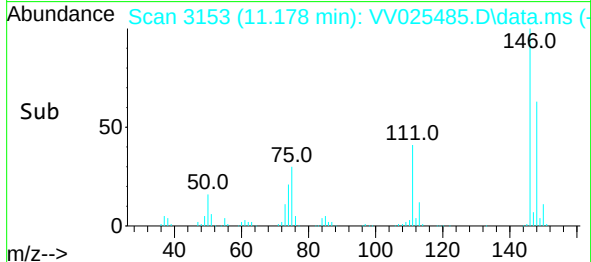
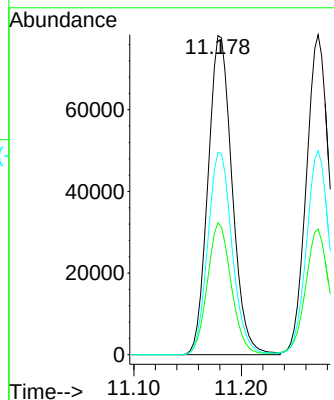
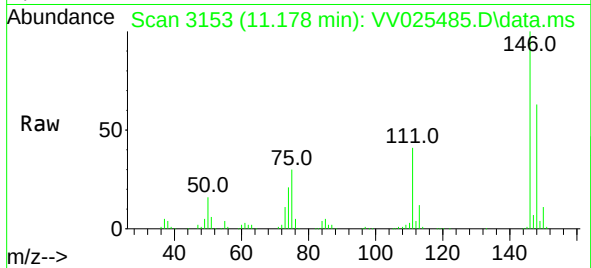




#64
1,3-Dichlorobenzene
Concen: 4.739 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025485.D
Acq: 12 Apr 2022 19:49

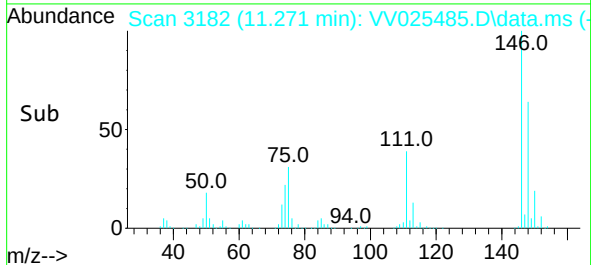
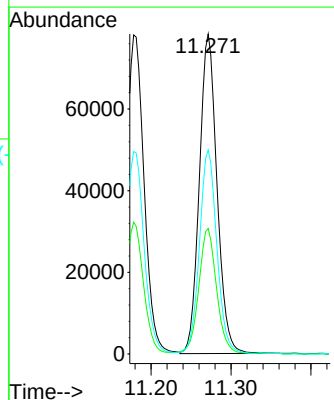
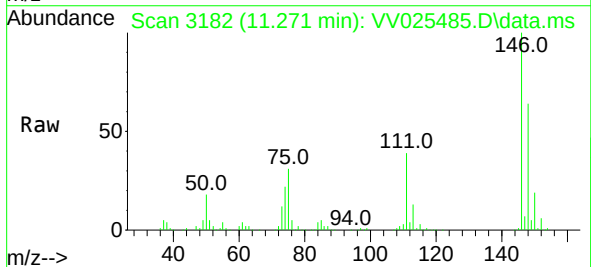
Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

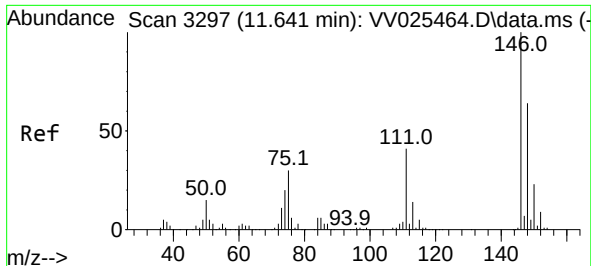
Tgt Ion:146 Resp: 121881
Ion Ratio Lower Upper
146 100
111 41.3 27.4 50.8
148 63.4 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 4.612 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025485.D
Acq: 12 Apr 2022 19:49

Tgt Ion:146 Resp: 120405
Ion Ratio Lower Upper
146 100
111 39.2 26.7 49.7
148 63.7 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 4.827 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV025485.D

Acq: 12 Apr 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD005373

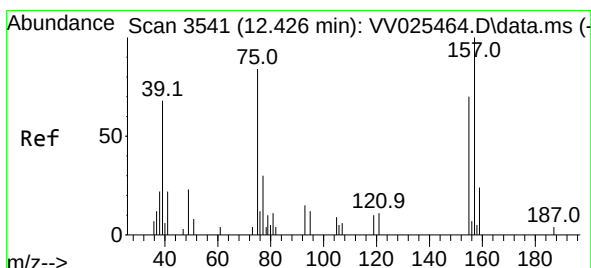
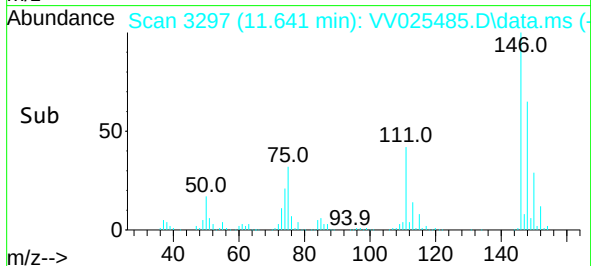
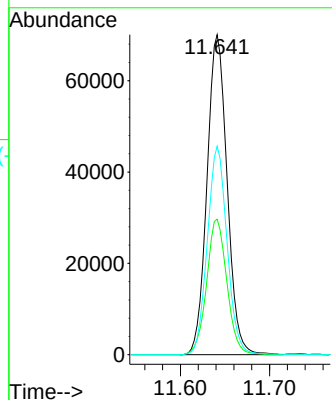
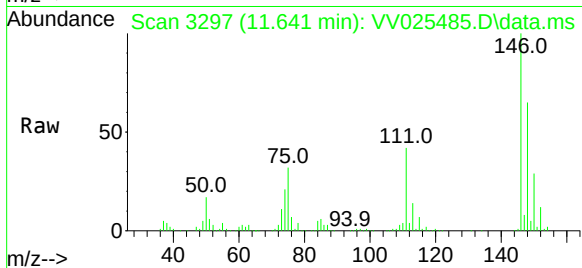
Tgt Ion:146 Resp: 109949

Ion Ratio Lower Upper

146 100

111 42.4 33.6 50.4

148 65.2 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.461 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV025485.D

Acq: 12 Apr 2022 19:49

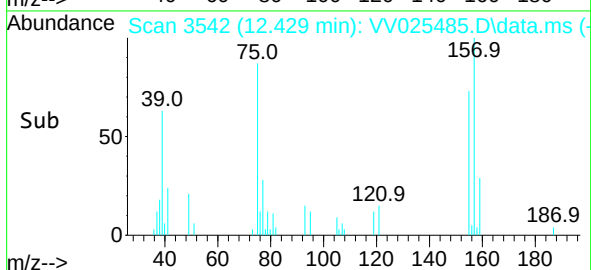
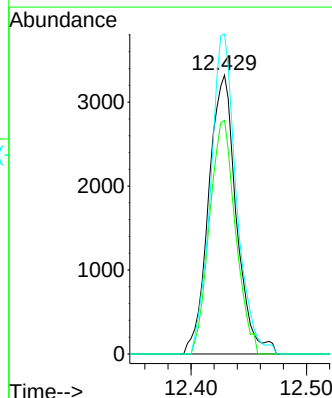
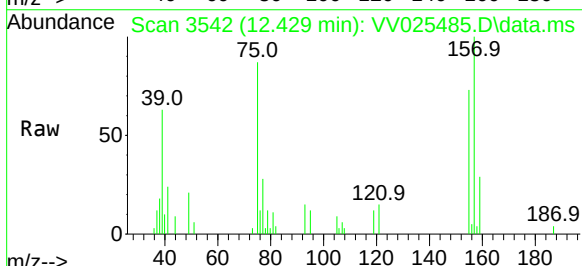
Tgt Ion: 75 Resp: 5535

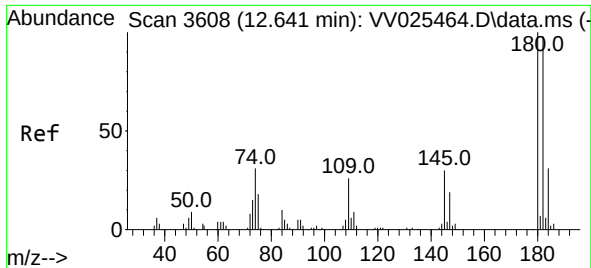
Ion Ratio Lower Upper

75 100

155 83.8 65.8 98.8

157 114.8 86.6 130.0

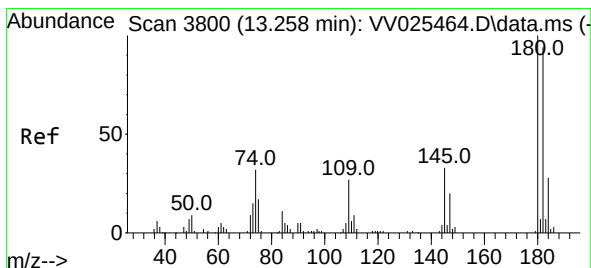
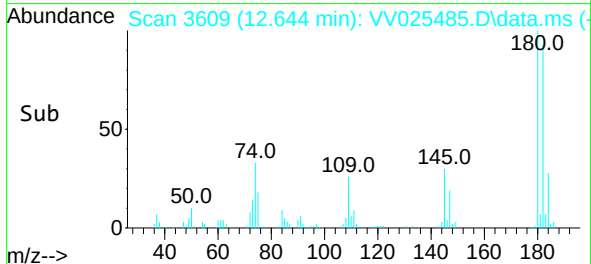
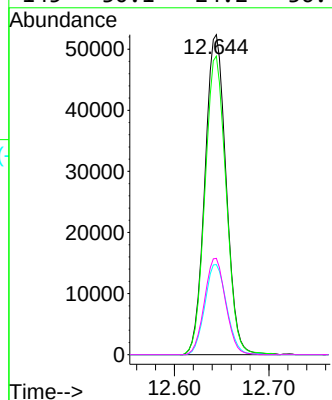
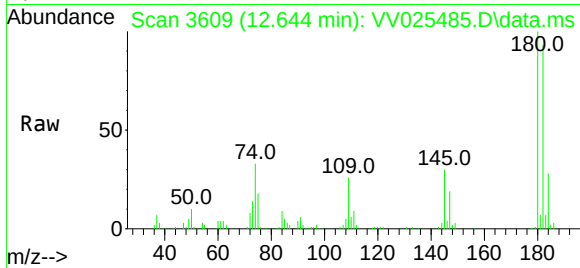




#69
 1,3,5-Trichlorobenzene
 Concen: 4.157 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV025485.D
 Acq: 12 Apr 2022 19:49

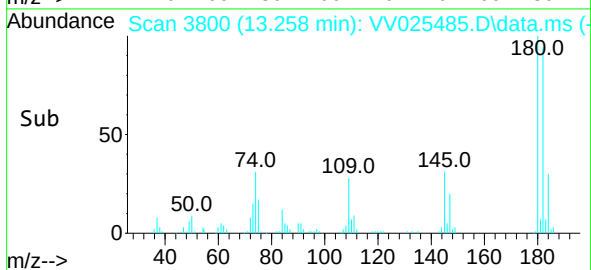
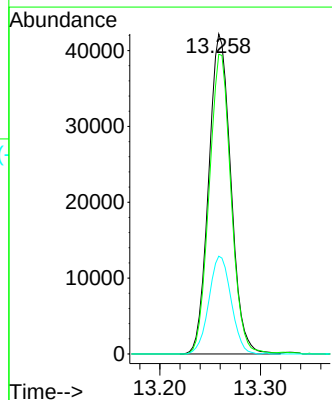
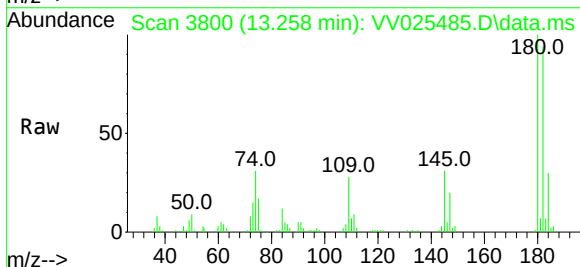
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005373

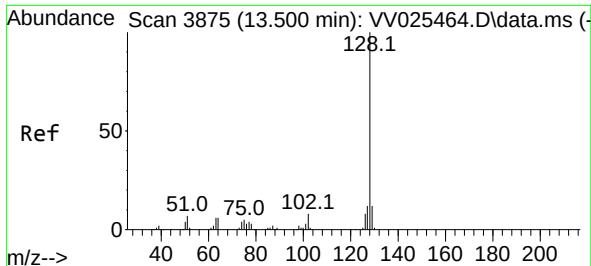
Tgt Ion:180	Resp:	81347
Ion Ratio	Lower	Upper
180	100	
182	93.1	75.3 112.9
184	29.0	23.4 35.2
145	30.1	24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 4.287 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV025485.D
 Acq: 12 Apr 2022 19:49

Tgt Ion:180	Resp:	64668
Ion Ratio	Lower	Upper
180	100	
182	92.1	76.6 114.8
145	30.6	24.6 36.8

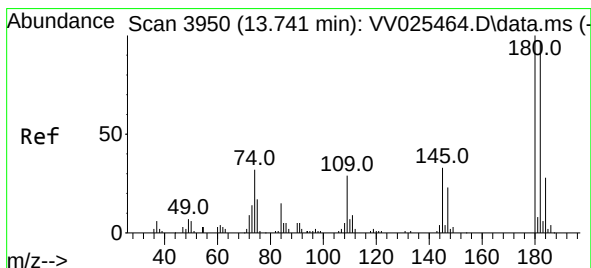
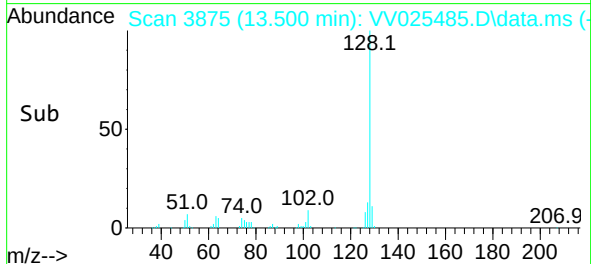
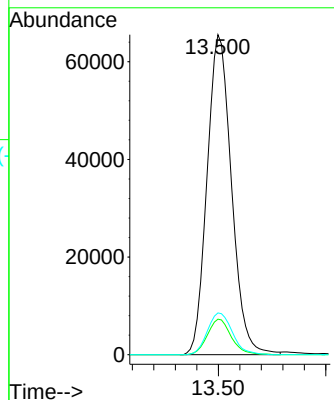
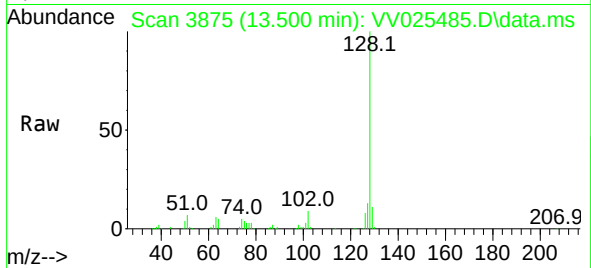




#71
Naphthalene
Concen: 4.669 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025485.D
Acq: 12 Apr 2022 19:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD005373

Tgt Ion:128 Resp: 103329
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.3 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.528 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025485.D
Acq: 12 Apr 2022 19:49

Tgt Ion:180 Resp: 56555
Ion Ratio Lower Upper
180 100
182 94.9 77.7 116.5
145 34.3 27.4 41.2

