

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041822\
 Data File : VW025620.D
 Acq On : 18 Apr 2022 20:06
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005383

Quant Time: Apr 19 05:10:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 19 05:06:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119685	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	119946	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64637	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	53297	4.790	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.800%	
7) Chloroethane-d5	1.571	69	54088	4.569	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.400%	
11) 1,1-Dichloroethene-d2	2.114	63	105136	4.717	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.400%	
20) 2-Butanone-d5	3.892	46	83165	61.444	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.880%	
24) Chloroform-d	4.355	84	89094	5.299	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.000%	
26) 1,2-Dichloroethane-d4	5.034	65	41985	5.795	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	116.000%	
32) Benzene-d6	5.053	84	168975	4.869	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.400%	
36) 1,2-Dichloropropane-d6	6.072	67	50522	5.220	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.400%	
41) Toluene-d8	7.316	98	156691	4.865	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
43) trans-1,3-Dichloroprop...	7.625	79	16368	5.031	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.600%	
46) 2-Hexanone-d5	8.088	63	60131	52.665	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.340%	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	32264	5.276	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	50691	4.678	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.133	85	40606	3.756	ug/L	98
3) Chloromethane	1.246	50	63958	5.444	ug/L	99
5) Vinyl chloride	1.314	62	61159	4.607	ug/L	100
6) Bromomethane	1.526	94	40684	4.250	ug/L	99
8) Chloroethane	1.590	64	48384	4.722	ug/L	96
9) Trichlorofluoromethane	1.757	101	79059	4.240	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	42150	4.024	ug/L	99
12) 1,1-Dichloroethene	2.124	96	44546	4.291	ug/L	87
13) Acetone	2.182	43	62129	67.628	ug/L	98
14) Carbon disulfide	2.297	76	92215	3.711	ug/L	99
15) Methyl Acetate	2.442	43	13310	6.519	ug/L	92
16) Methylene chloride	2.510	84	48083	4.777	ug/L	94
17) Methyl tert-butyl Ether	2.773	73	90281	5.620	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	37234	4.280	ug/L	96
19) 1,1-Dichloroethane	3.194	63	78200	5.308	ug/L	98
21) 2-Butanone	3.976	43	83864	66.064	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	44529	4.862	ug/L	92
23) Bromochloromethane	4.252	128	20394	5.364	ug/L	93
25) Chloroform	4.381	83	86126	5.538	ug/L	98

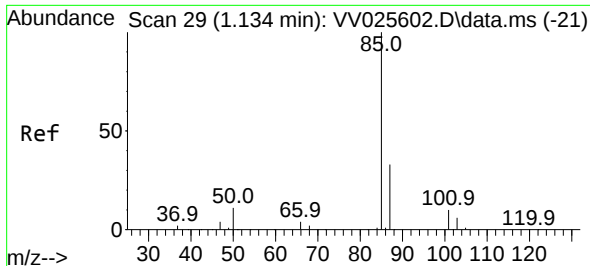
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	48427	5.902	ug/L	98
29) 1,1,1-Trichloroethane	4.612	97	63912	4.518	ug/L	98
30) Cyclohexane	4.680	56	44457	3.456	ug/L	96
31) Carbon tetrachloride	4.828	117	49280	4.119	ug/L	99
33) Benzene	5.104	78	164043	4.630	ug/L	100
34) Trichloroethene	5.918	95	40415	4.296	ug/L	98
35) Methylcyclohexane	6.130	83	51010	3.398	ug/L	95
37) 1,2-Dichloropropane	6.175	63	41610	5.076	ug/L	99
38) Bromodichloromethane	6.513	83	54291	5.335	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	51755	4.818	ug/L	97
40) 4-Methyl-2-pentanone	7.226	43	219014	66.731	ug/L	97
42) Toluene	7.387	91	167498	4.346	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	43109	5.165	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	30773	5.606	ug/L	98
47) Tetrachloroethene	7.976	164	28029	3.806	ug/L	97
48) 2-Hexanone	8.140	43	159699	69.821	ug/L	95
49) Dibromochloromethane	8.246	129	31643	5.251	ug/L	97
50) 1,2-Dibromoethane	8.352	107	26599	5.159	ug/L	99
51) Chlorobenzene	8.882	112	104105	4.230	ug/L	99
52) Ethylbenzene	9.011	91	156896	3.817	ug/L	100
53) m,p-Xylene	9.140	106	60923	3.898	ug/L	96
54) o-Xylene	9.541	106	61720	4.066	ug/L	97
55) Styrene	9.561	104	105944	4.292	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	30852	5.625	ug/L	97
59) Bromoform	9.731	173	13799	5.172	ug/L	97
60) Isopropylbenzene	9.931	105	155174	3.878	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	24904	5.850	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	66076	3.704	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	121573	3.782	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	77819	4.167	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	76376	4.029	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	71653	4.332	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	4388	5.962	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	54129	3.809	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	39898	3.642	ug/L	98
71) Naphthalene	13.500	128	64544	4.017	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	35336	3.896	ug/L	99

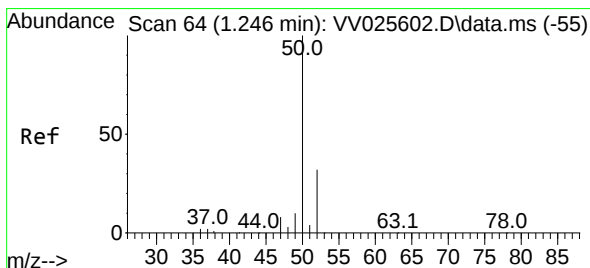
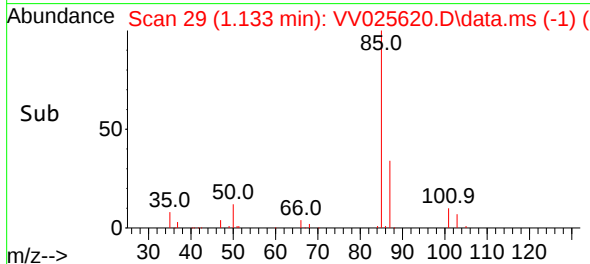
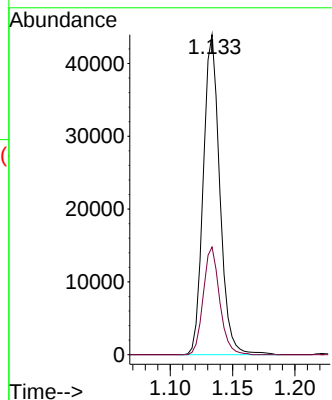
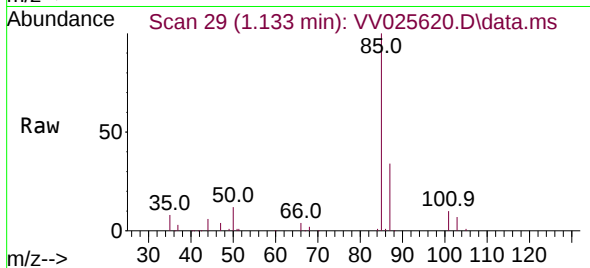
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 3.756 ug/L
 RT: 1.133 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VV025620.D
 Acq: 18 Apr 2022 20:06

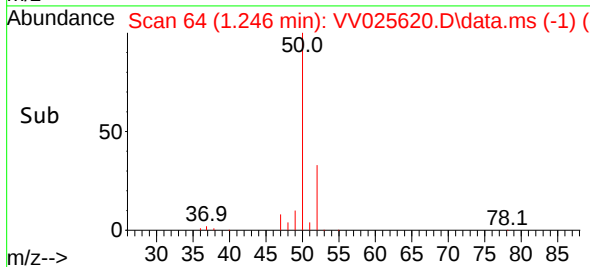
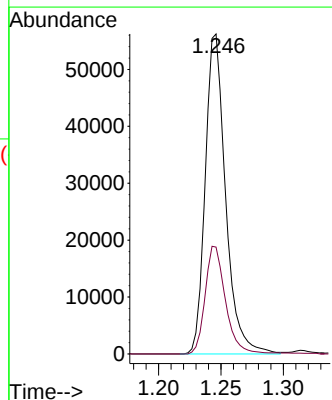
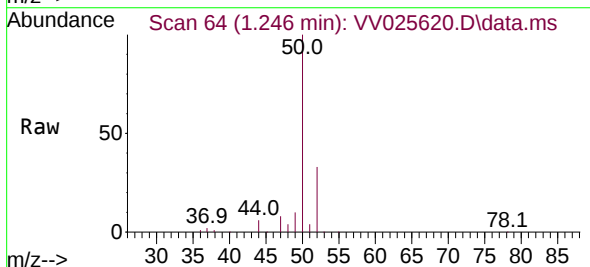
Instrument :
 MSVOA_V
 ClientSampleId :
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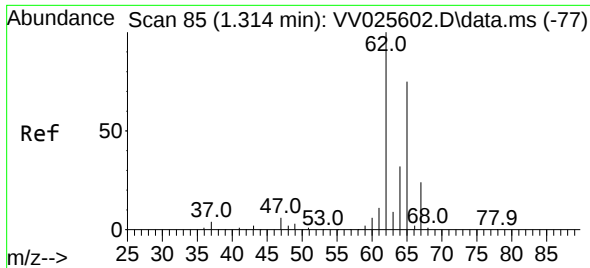
Tgt Ion: 85 Resp: 40606
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.6 38.4



#3
 Chloromethane
 Concen: 5.444 ug/L
 RT: 1.246 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: VV025620.D
 Acq: 18 Apr 2022 20:06

Tgt Ion: 50 Resp: 63958
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.7 43.9

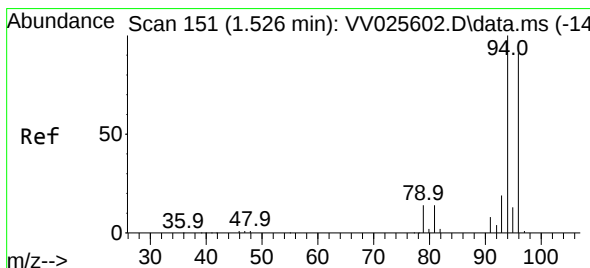
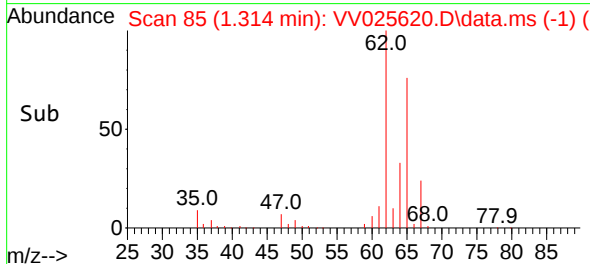
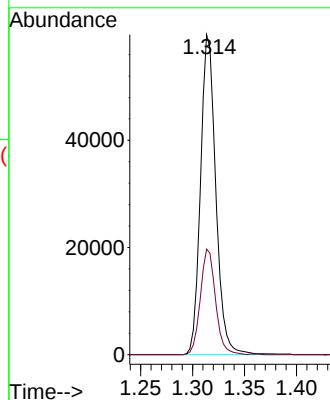
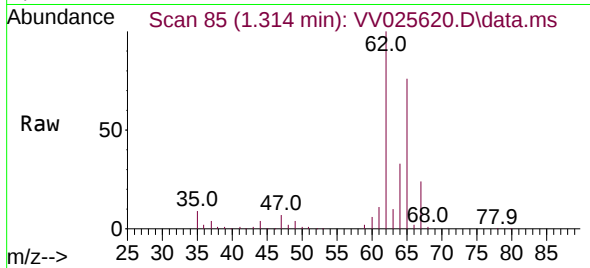




#5
 Vinyl chloride
 Concen: 4.607 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025620.D
 Acq: 18 Apr 2022 20:06

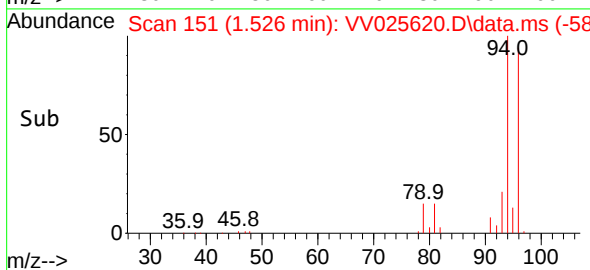
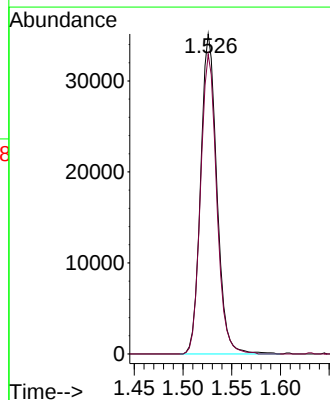
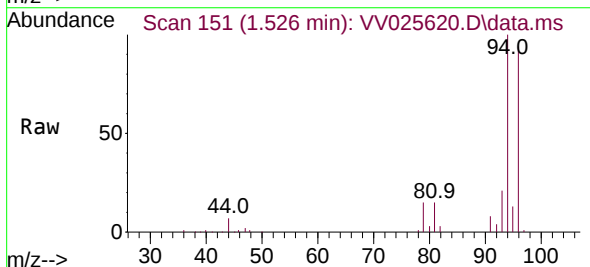
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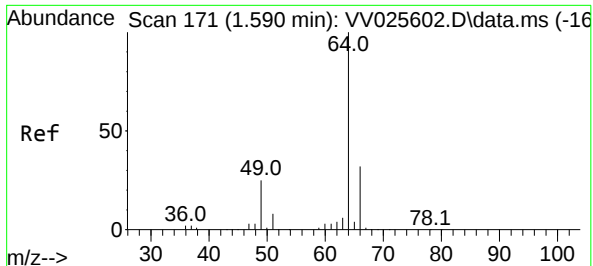
Tgt Ion: 62 Resp: 61159
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.2 43.2



#6
 Bromomethane
 Concen: 4.250 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV025620.D
 Acq: 18 Apr 2022 20:06

Tgt Ion: 94 Resp: 40684
 Ion Ratio Lower Upper
 94 100
 96 93.6 66.1 122.7

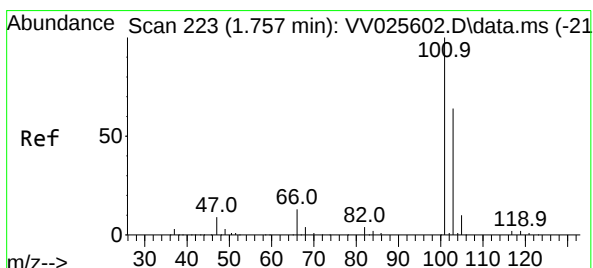
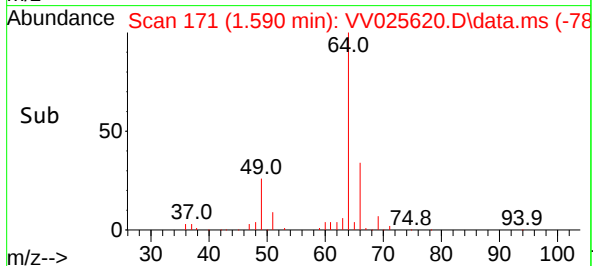
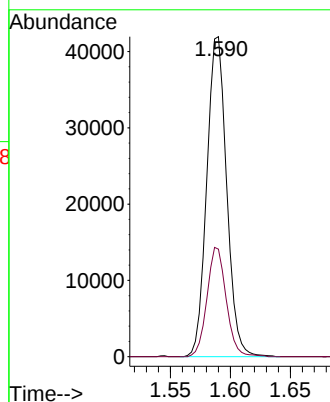
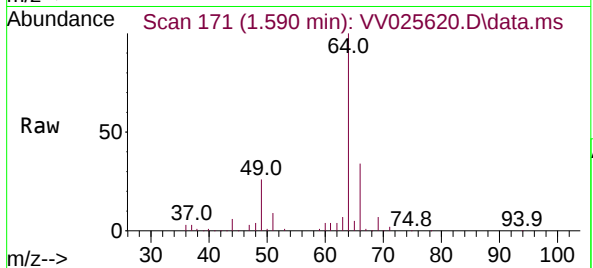




#8
Chloroethane
Concen: 4.722 ug/L
RT: 1.590 min Scan# 171
Delta R.T. -0.000 min
Lab File: VV025620.D
Acq: 18 Apr 2022 20:06

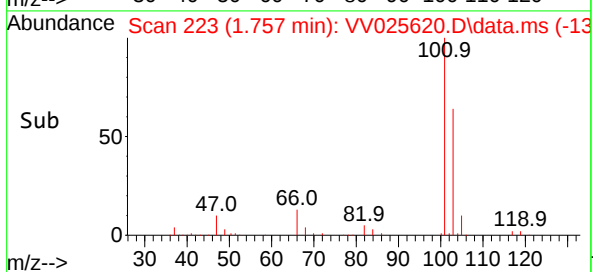
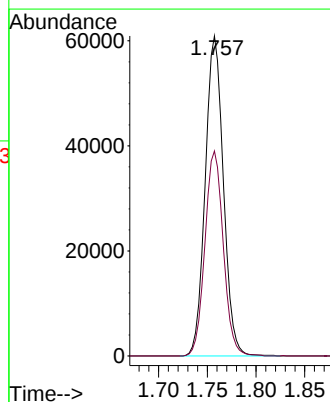
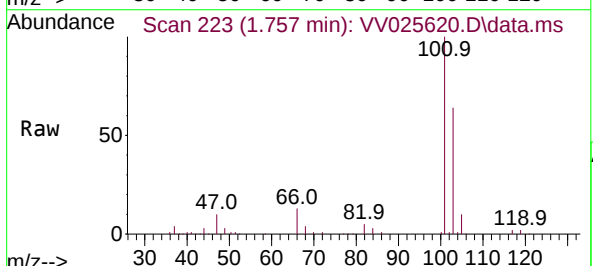
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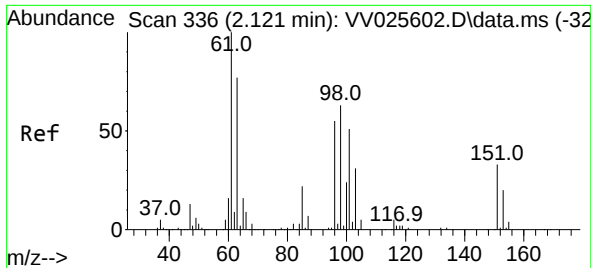
Tgt Ion: 64 Resp: 48384
Ion Ratio Lower Upper
64 100
66 33.6 21.8 40.6



#9
Trichlorofluoromethane
Concen: 4.240 ug/L
RT: 1.757 min Scan# 223
Delta R.T. -0.000 min
Lab File: VV025620.D
Acq: 18 Apr 2022 20:06

Tgt Ion:101 Resp: 79059
Ion Ratio Lower Upper
101 100
103 64.7 51.9 77.9

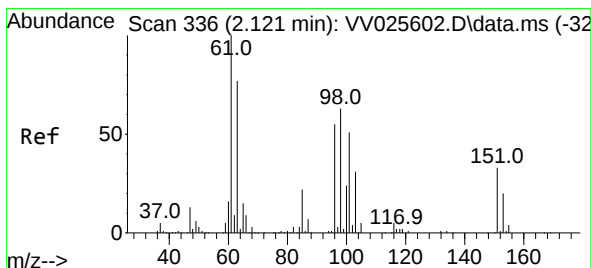
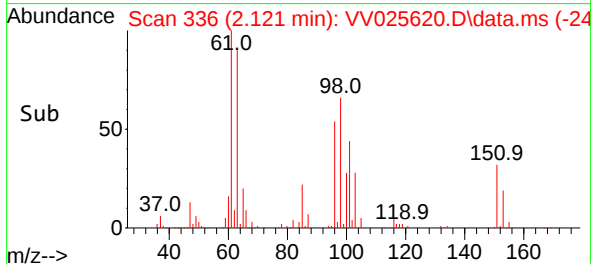
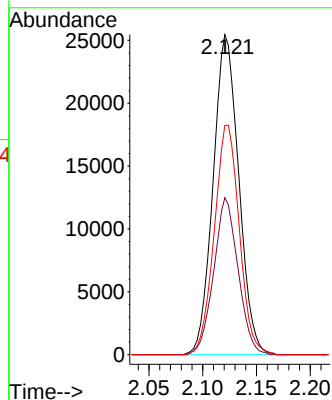
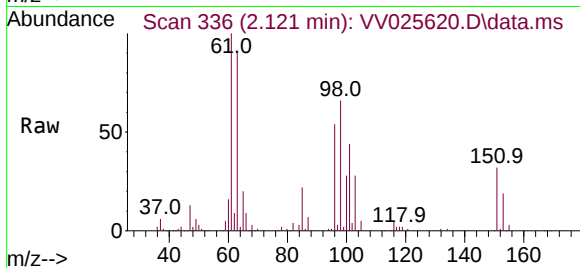




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.024 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV025620.D
 Acq: 18 Apr 2022 20:06

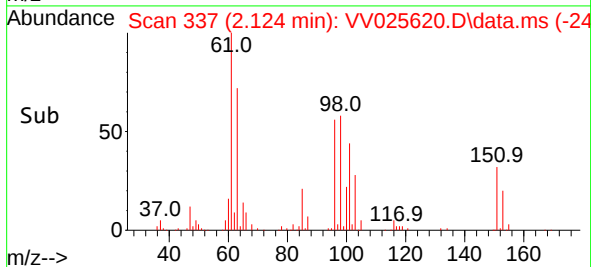
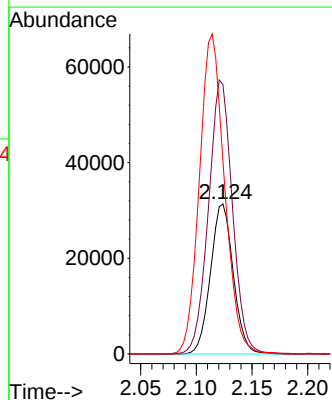
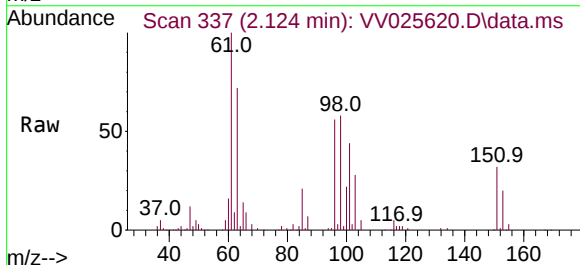
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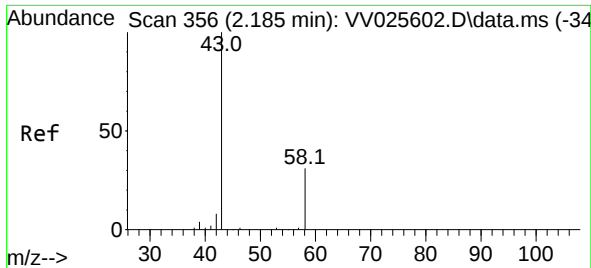
Tgt Ion:101 Resp: 42150
 Ion Ratio Lower Upper
 101 100
 85 46.6 35.9 53.9
 151 70.2 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 4.291 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.003 min
 Lab File: VV025620.D
 Acq: 18 Apr 2022 20:06

Tgt Ion: 96 Resp: 44546
 Ion Ratio Lower Upper
 96 100
 61 179.5 125.2 232.4
 63 128.6 114.4 212.4





#13

Acetone

Concen: 67.628 ug/L

RT: 2.182 min Scan# 356

Delta R.T. -0.003 min

Lab File: VV025620.D

Acq: 18 Apr 2022 20:06

Instrument :

MSVOA_V

ClientSampleId :

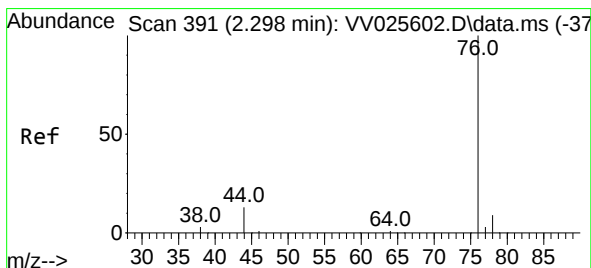
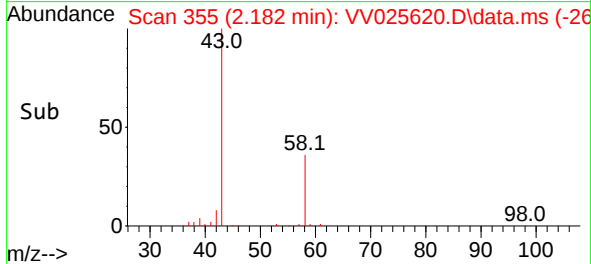
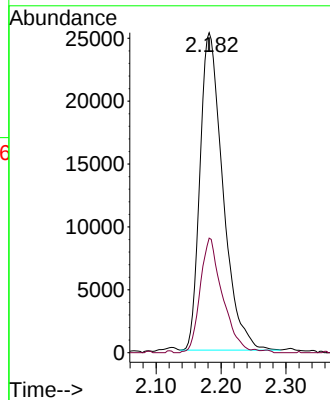
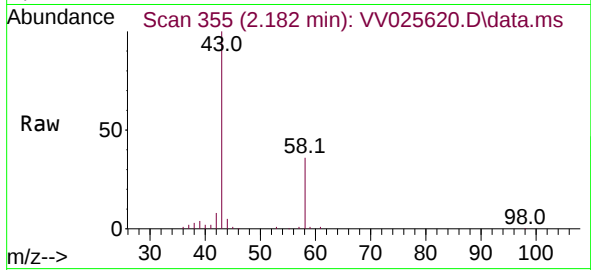
VSTD005383

Tgt Ion: 43 Resp: 62129

Ion Ratio Lower Upper

43 100

58 34.9 0.0 72.2



#14

Carbon disulfide

Concen: 3.711 ug/L

RT: 2.297 min Scan# 391

Delta R.T. -0.000 min

Lab File: VV025620.D

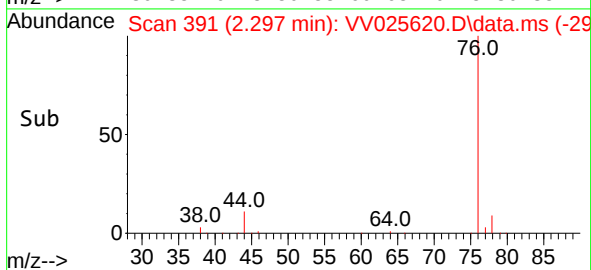
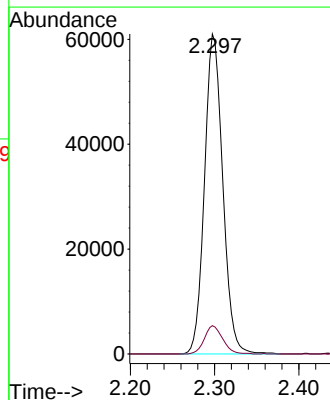
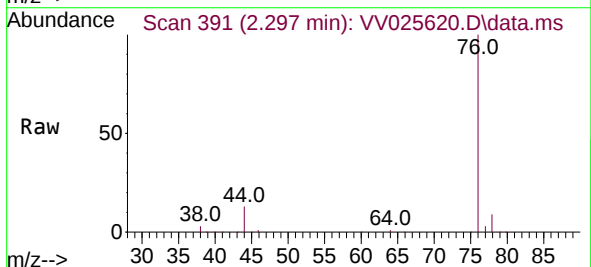
Acq: 18 Apr 2022 20:06

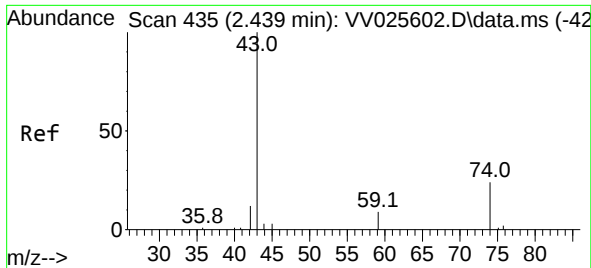
Tgt Ion: 76 Resp: 92215

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9





#15

Methyl Acetate

Concen: 6.519 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV025620.D

Acq: 18 Apr 2022 20:06

Instrument :

MSVOA_V

ClientSampleId :

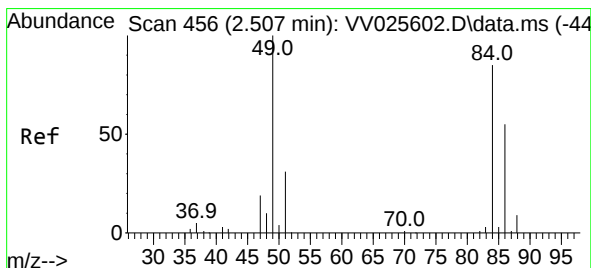
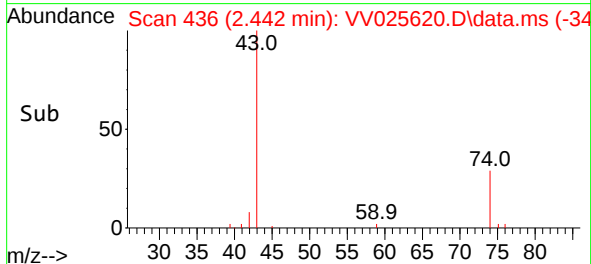
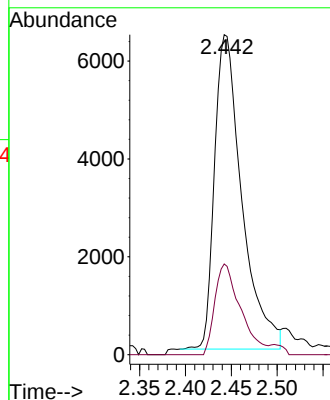
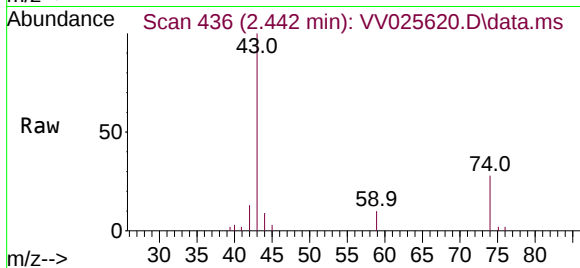
VSTD005383

Tgt Ion: 43 Resp: 13310

Ion Ratio Lower Upper

43 100

74 27.1 25.2 37.8



#16

Methylene chloride

Concen: 4.777 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV025620.D

Acq: 18 Apr 2022 20:06

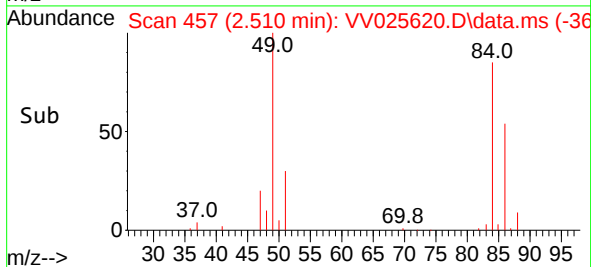
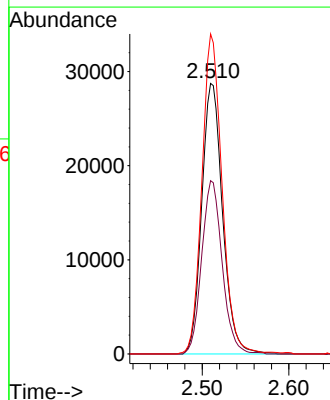
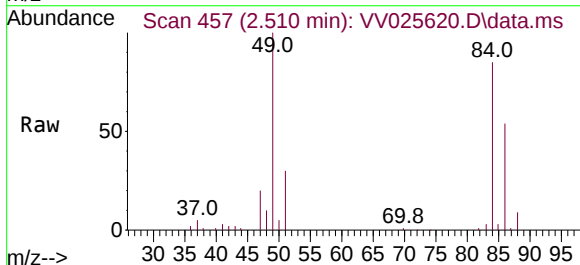
Tgt Ion: 84 Resp: 48083

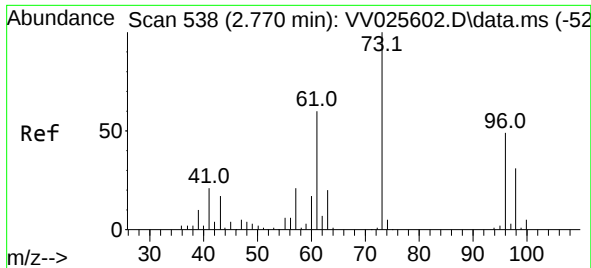
Ion Ratio Lower Upper

84 100

86 64.0 45.9 85.3

49 118.3 76.6 142.3

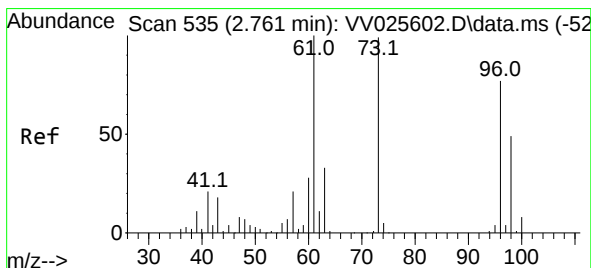
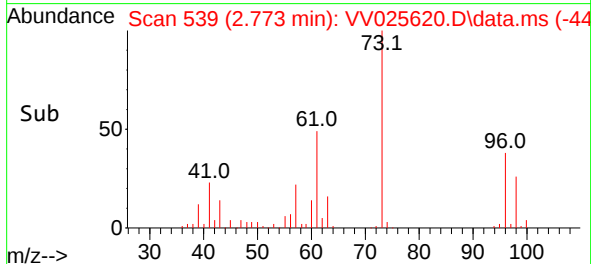
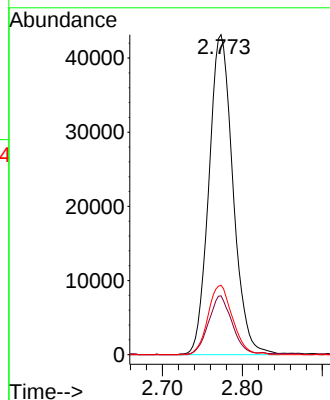
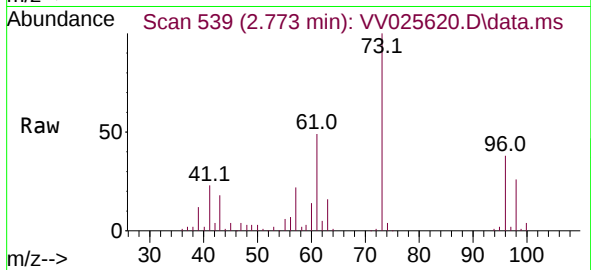




#17
Methyl tert-butyl Ether
Concen: 5.620 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025620.D
Acq: 18 Apr 2022 20:06

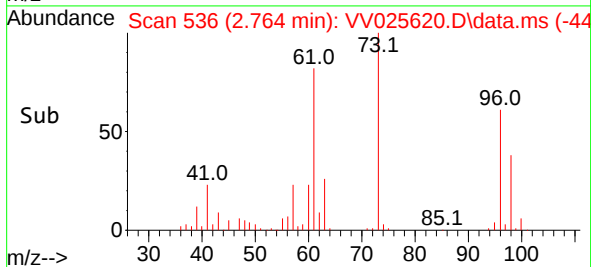
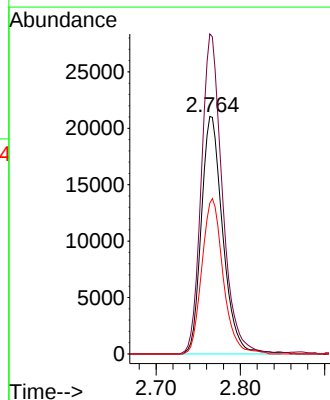
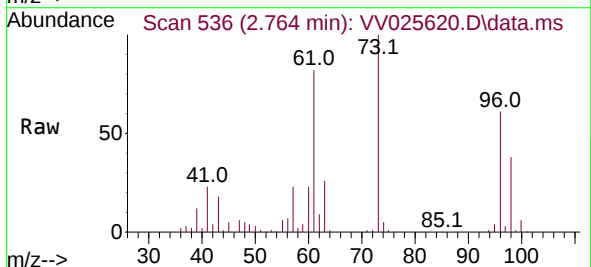
Instrument :
MSVOA_V
ClientSampleId :
VSTD005383

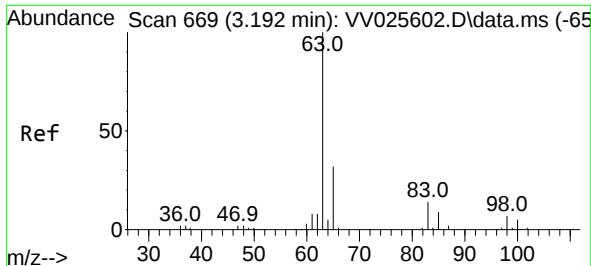
Tgt Ion: 73 Resp: 90281
Ion Ratio Lower Upper
73 100
43 18.1 14.2 21.4
57 22.1 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 4.280 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV025620.D
Acq: 18 Apr 2022 20:06

Tgt Ion: 96 Resp: 37234
Ion Ratio Lower Upper
96 100
61 134.8 92.1 171.1
98 63.5 47.5 88.1





#19

1,1-Dichloroethane

Concen: 5.308 ug/L

RT: 3.194 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV025620.D

Acq: 18 Apr 2022 20:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD005383

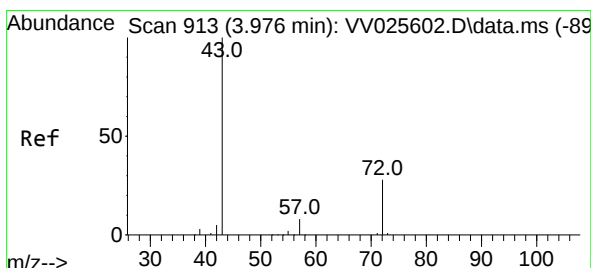
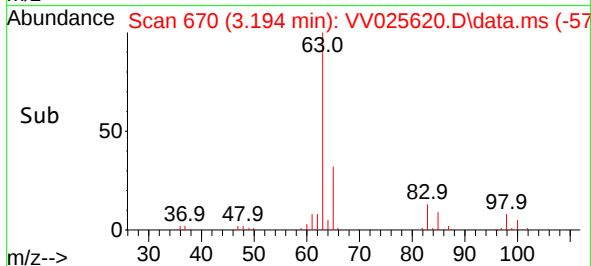
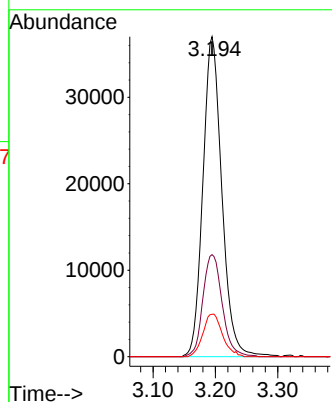
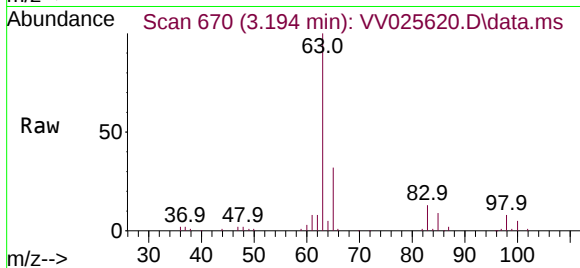
Tgt Ion: 63 Resp: 78200

Ion Ratio Lower Upper

63 100

65 31.9 23.2 43.0

83 13.3 9.0 16.8



#21

2-Butanone

Concen: 66.064 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.000 min

Lab File: VV025620.D

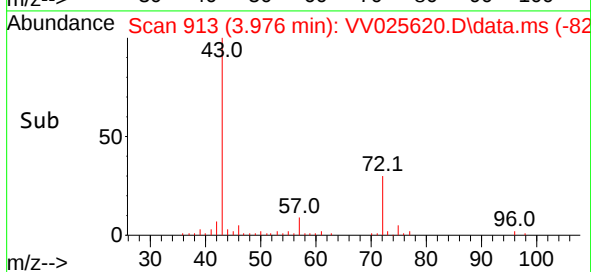
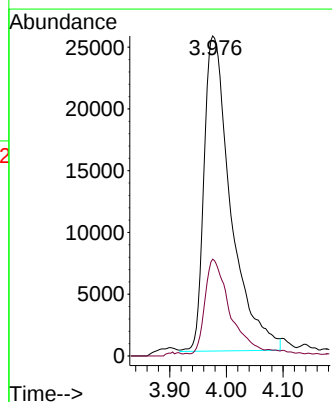
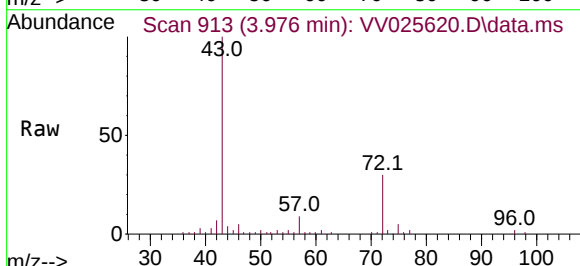
Acq: 18 Apr 2022 20:06

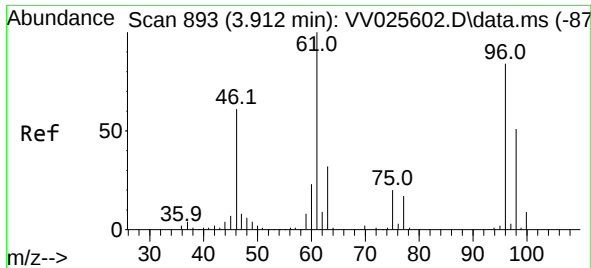
Tgt Ion: 43 Resp: 83864

Ion Ratio Lower Upper

43 100

72 27.6 15.2 45.6

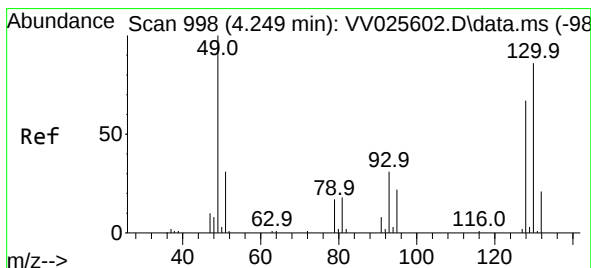
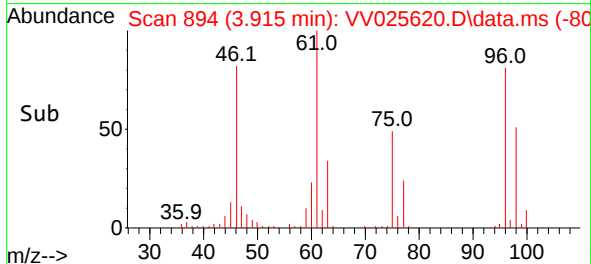
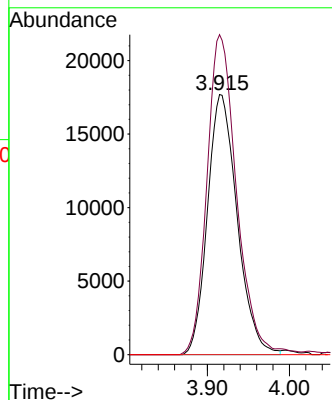
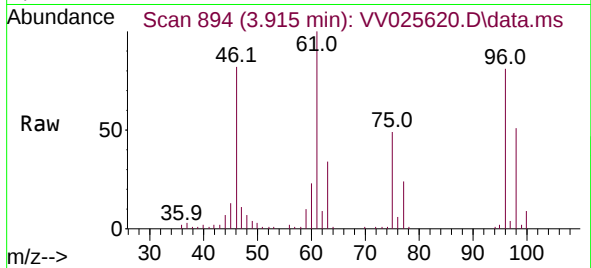




#22
 cis-1,2-Dichloroethene
 Concen: 4.862 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.003 min
 Lab File: VV025620.D
 Acq: 18 Apr 2022 20:06

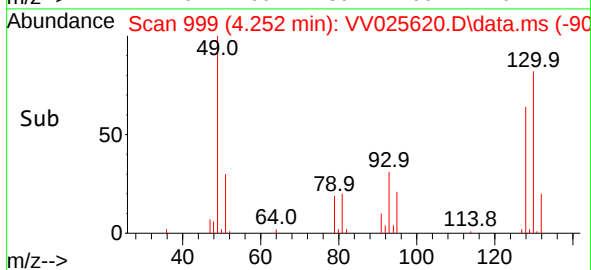
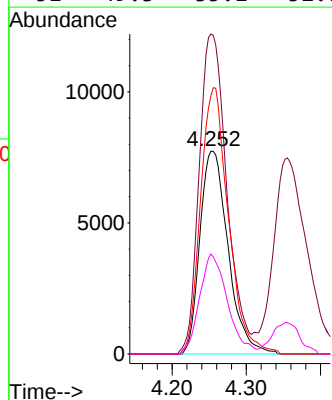
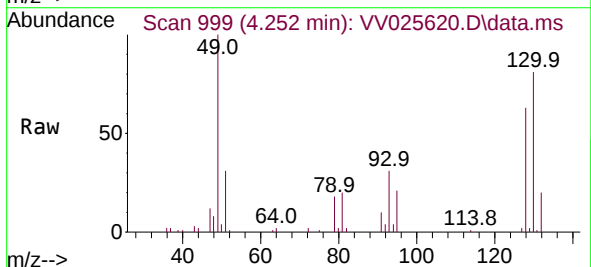
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005383

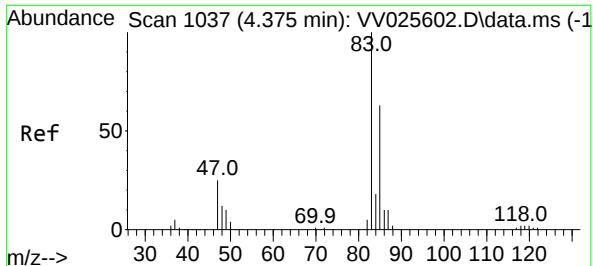
Tgt Ion: 96 Resp: 44529
 Ion Ratio Lower Upper
 96 100
 61 123.0 80.0 148.6
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.364 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.003 min
 Lab File: VV025620.D
 Acq: 18 Apr 2022 20:06

Tgt Ion: 128 Resp: 20394
 Ion Ratio Lower Upper
 128 100
 49 157.9 100.5 186.7
 130 127.3 87.8 163.0
 51 49.3 35.1 52.7





#25

Chloroform

Concen: 5.538 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VV025620.D

Acq: 18 Apr 2022 20:06

Instrument :

MSVOA_V

ClientSampleId :

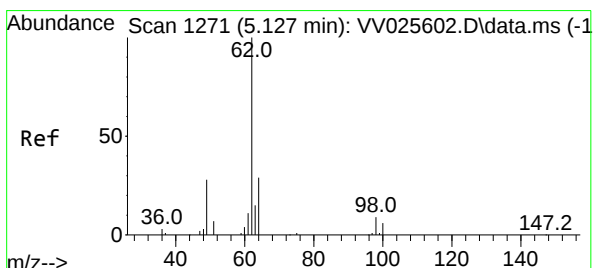
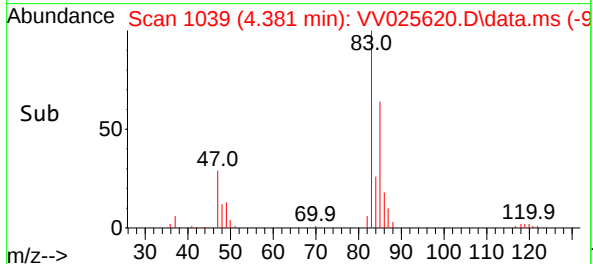
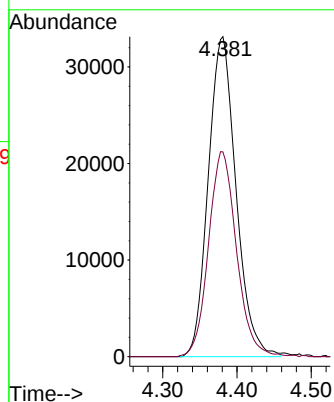
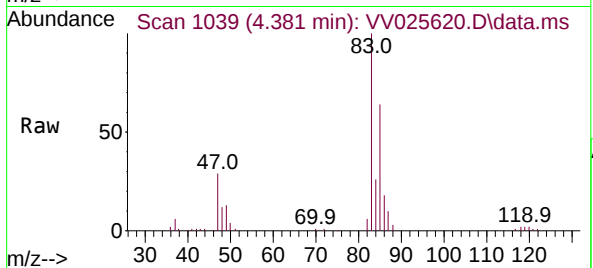
VSTD005383

Tgt Ion: 83 Resp: 86126

Ion Ratio Lower Upper

83 100

85 64.0 43.5 80.7



#27

1,2-Dichloroethane

Concen: 5.902 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VV025620.D

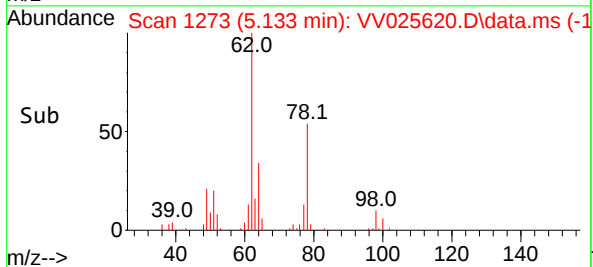
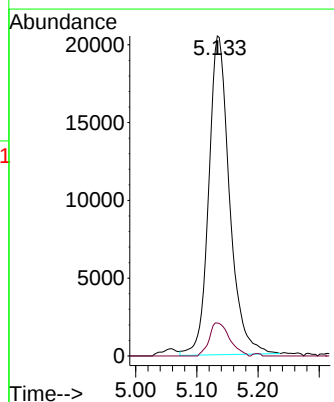
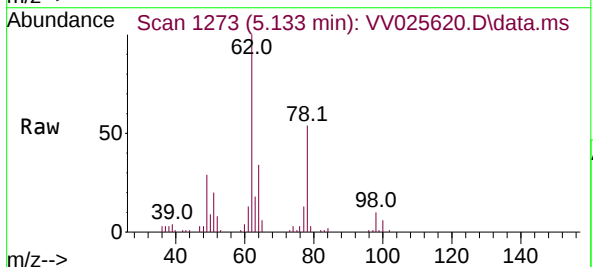
Acq: 18 Apr 2022 20:06

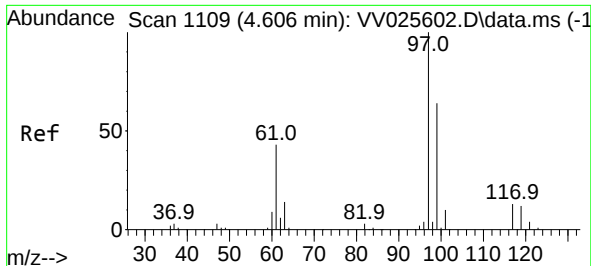
Tgt Ion: 62 Resp: 48427

Ion Ratio Lower Upper

62 100

98 10.3 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 4.518 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VV025620.D

Acq: 18 Apr 2022 20:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD005383

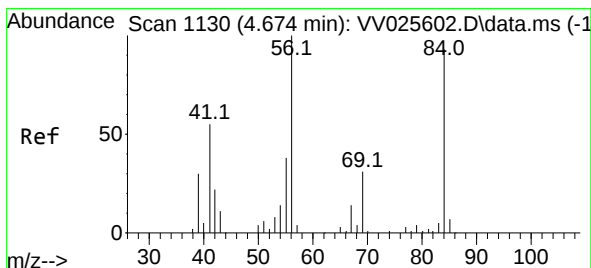
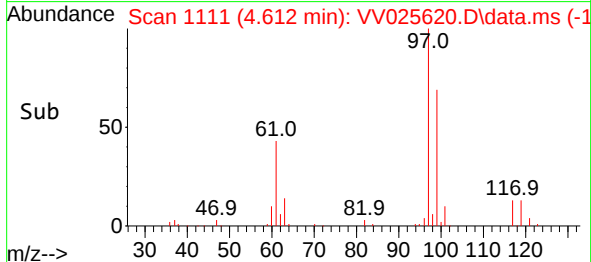
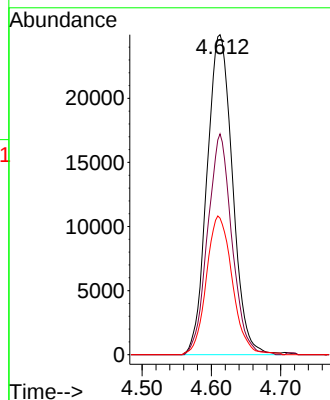
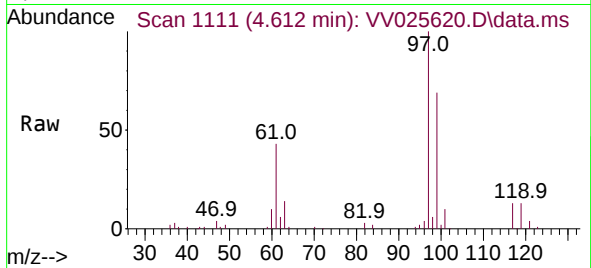
Tgt Ion: 97 Resp: 63912

Ion Ratio Lower Upper

97 100

99 65.7 51.5 77.3

61 44.1 34.3 51.5



#30

Cyclohexane

Concen: 3.456 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VV025620.D

Acq: 18 Apr 2022 20:06

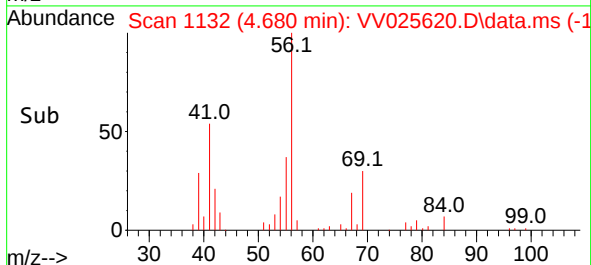
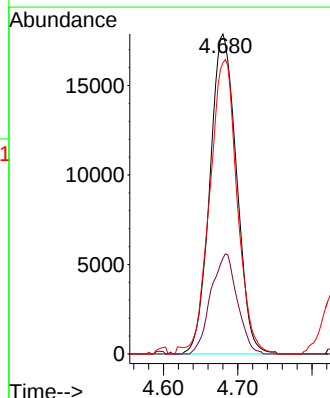
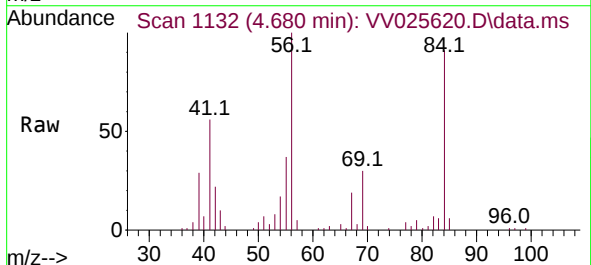
Tgt Ion: 56 Resp: 44457

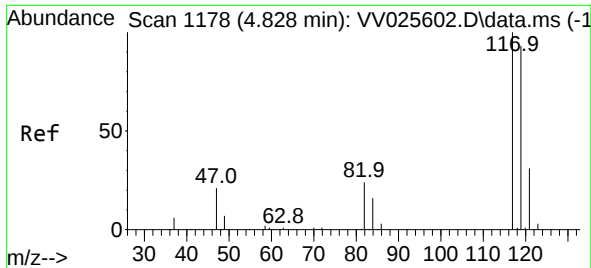
Ion Ratio Lower Upper

56 100

69 31.1 26.1 39.1

84 94.5 78.6 118.0

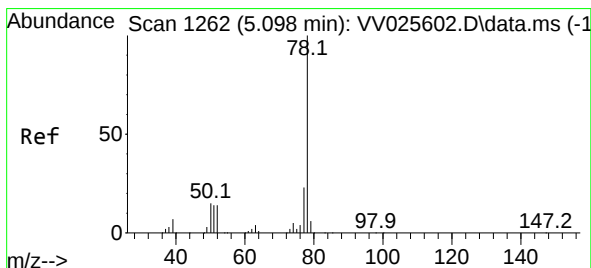
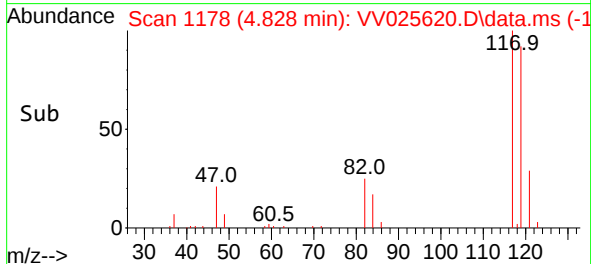
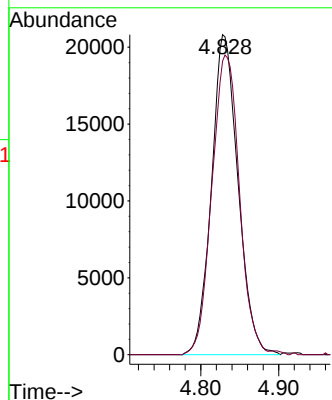
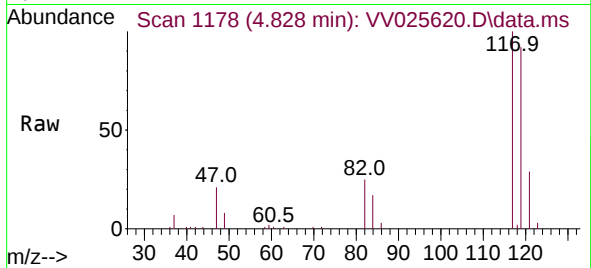




#31
Carbon tetrachloride
Concen: 4.119 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV025620.D
Acq: 18 Apr 2022 20:06

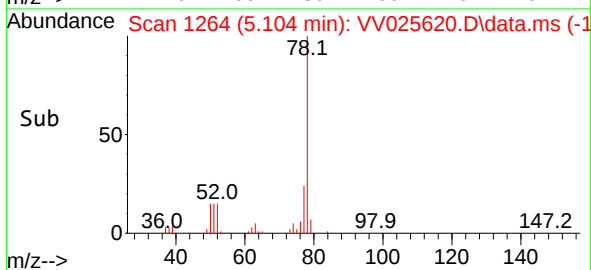
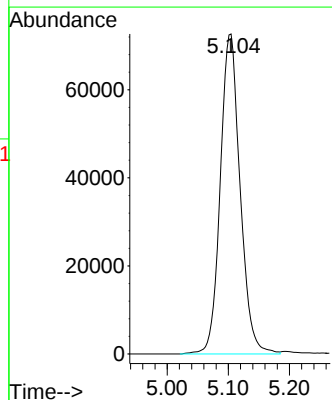
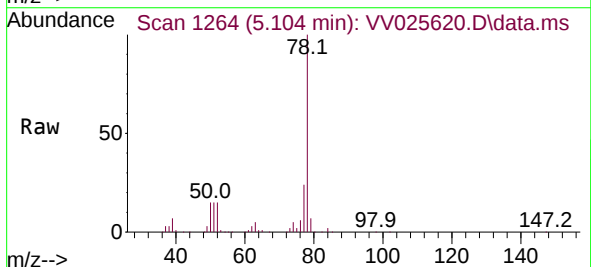
Instrument :
MSVOA_V
ClientSampleId :
VSTD005383

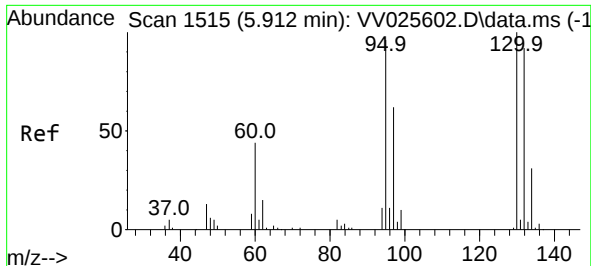
Tgt Ion:117 Resp: 49280
Ion Ratio Lower Upper
117 100
119 97.0 76.6 114.8



#33
Benzene
Concen: 4.630 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV025620.D
Acq: 18 Apr 2022 20:06

Tgt Ion: 78 Resp: 164043



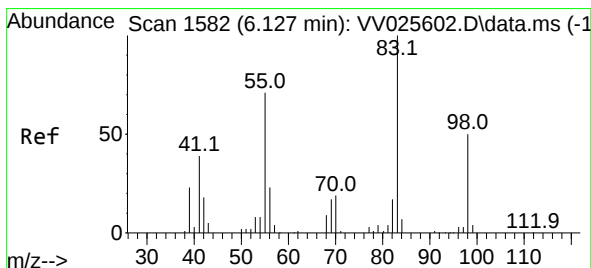
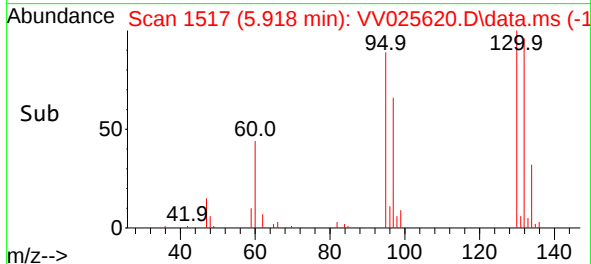
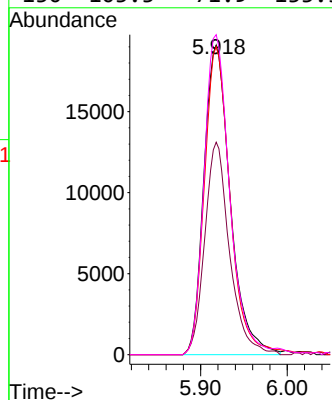
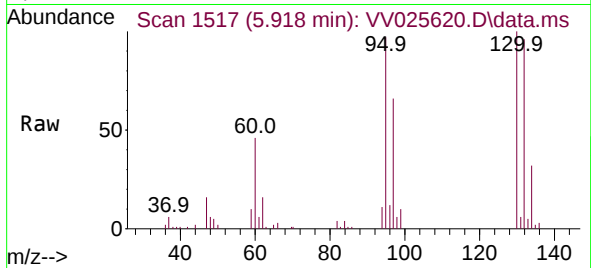


#34
Trichloroethene
Concen: 4.296 ug/L
RT: 5.918 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VV025620.D
Acq: 18 Apr 2022 20:06

Instrument :
MSVOA_V
ClientSampleId :
VSTD005383

Tgt Ion: 95 Resp: 40415

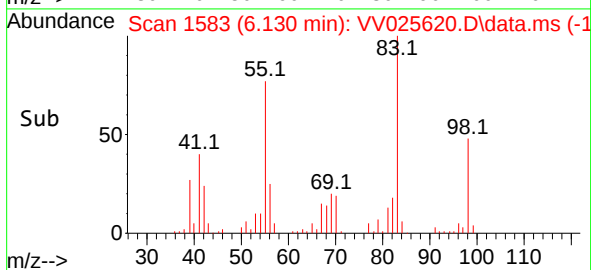
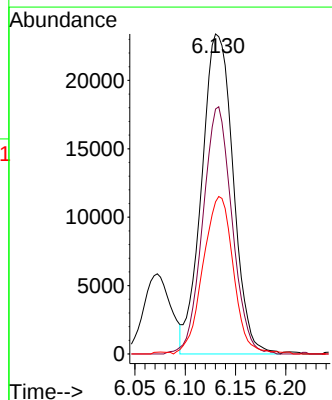
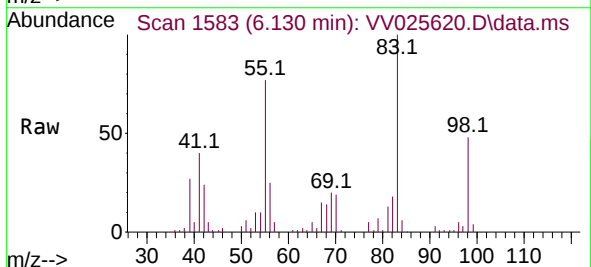
Ion	Ratio	Lower	Upper
95	100		
97	68.6	45.8	85.2
132	99.5	68.0	126.4
130	103.3	71.9	133.5

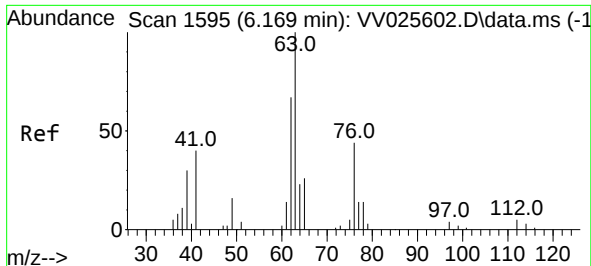


#35
Methylcyclohexane
Concen: 3.398 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV025620.D
Acq: 18 Apr 2022 20:06

Tgt Ion: 83 Resp: 51010

Ion	Ratio	Lower	Upper
83	100		
55	71.8	53.7	80.5
98	47.5	39.6	59.4





#37

1,2-Dichloropropane

Concen: 5.076 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV025620.D

Acq: 18 Apr 2022 20:06

Instrument :

MSVOA_V

ClientSampleId :

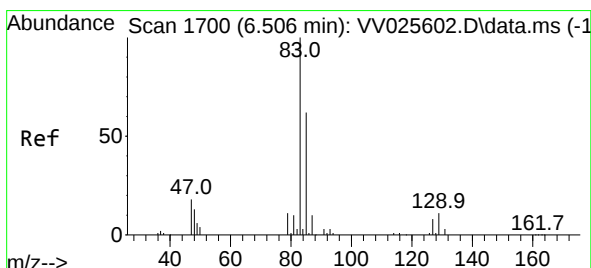
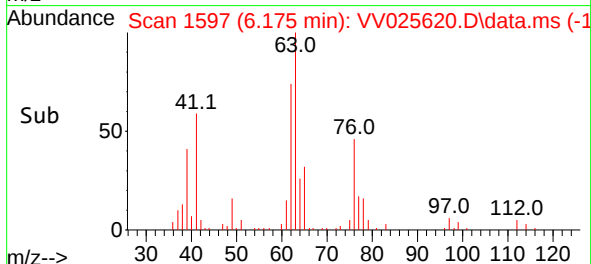
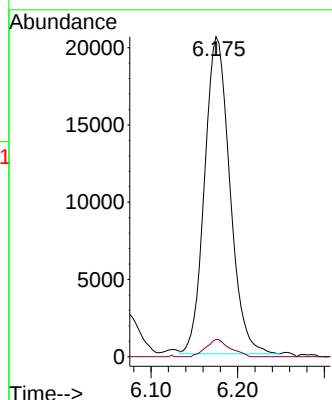
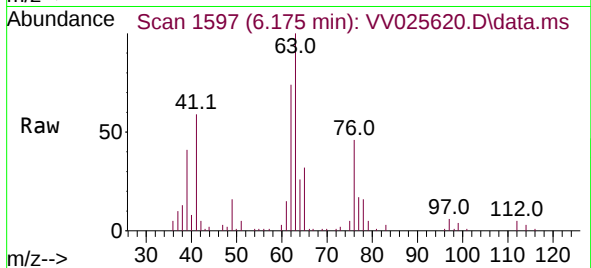
VSTD005383

Tgt Ion: 63 Resp: 41610

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.8



#38

Bromodichloromethane

Concen: 5.335 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VV025620.D

Acq: 18 Apr 2022 20:06

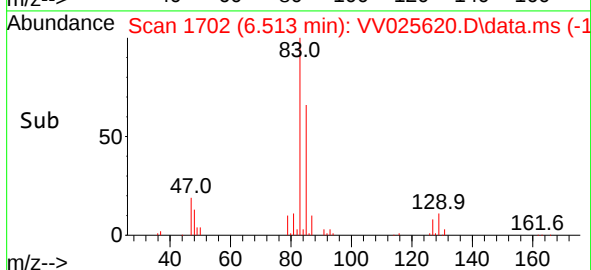
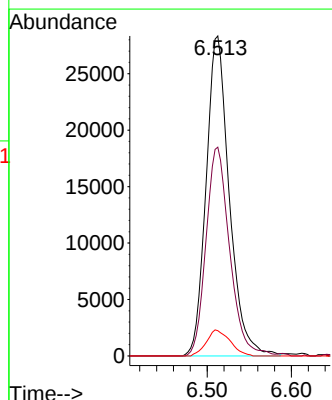
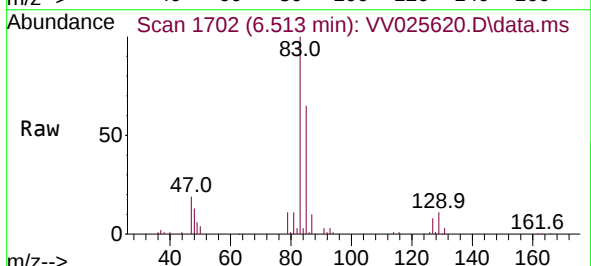
Tgt Ion: 83 Resp: 54291

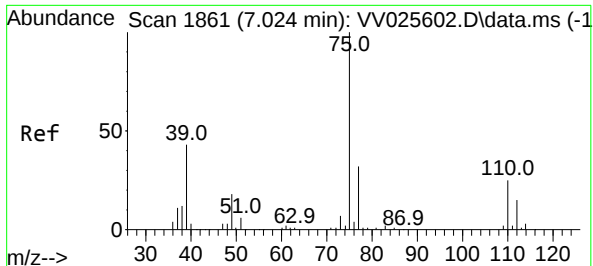
Ion Ratio Lower Upper

83 100

85 65.3 44.4 82.4

127 7.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.818 ug/L

RT: 7.030 min Scan# 1863

Delta R.T. 0.006 min

Lab File: VV025620.D

Acq: 18 Apr 2022 20:06

Instrument :

MSVOA_V

ClientSampleId :

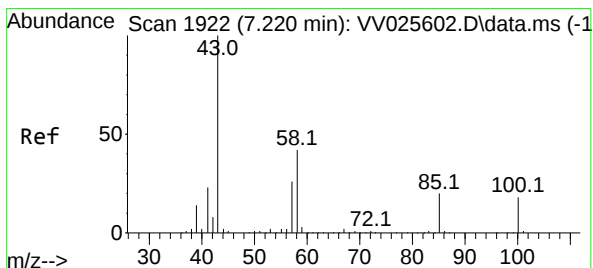
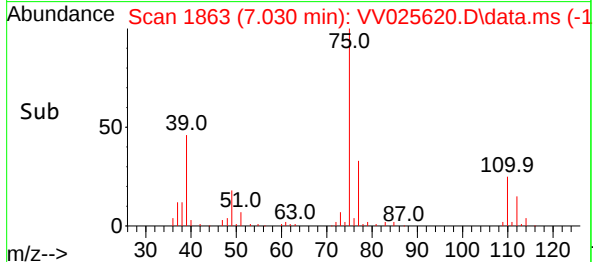
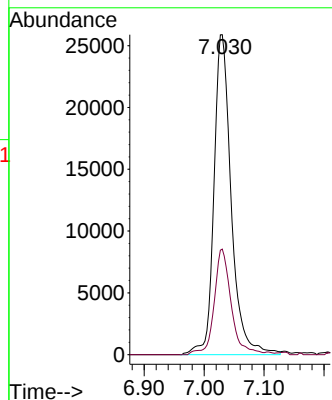
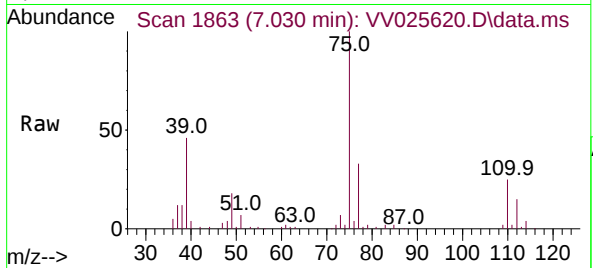
VSTD005383

Tgt Ion: 75 Resp: 51755

Ion Ratio Lower Upper

75 100

77 33.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 66.731 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. 0.006 min

Lab File: VV025620.D

Acq: 18 Apr 2022 20:06

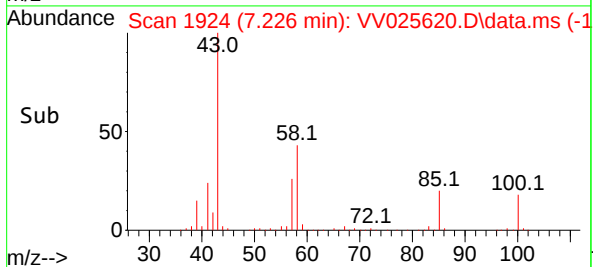
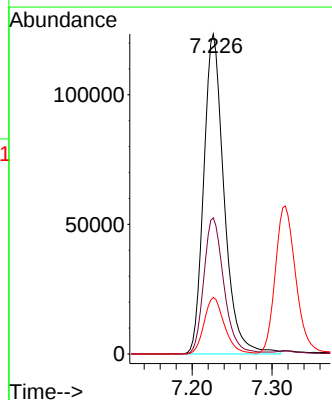
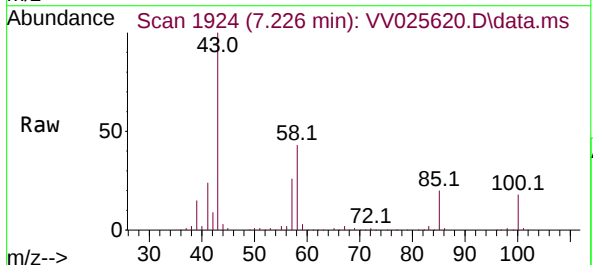
Tgt Ion: 43 Resp: 219014

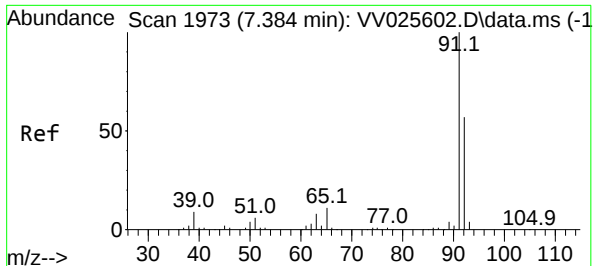
Ion Ratio Lower Upper

43 100

58 42.1 35.1 52.7

100 17.6 15.3 22.9





#42

Toluene

Concen: 4.346 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025620.D

Acq: 18 Apr 2022 20:06

Instrument :

MSVOA_V

ClientSampleId :

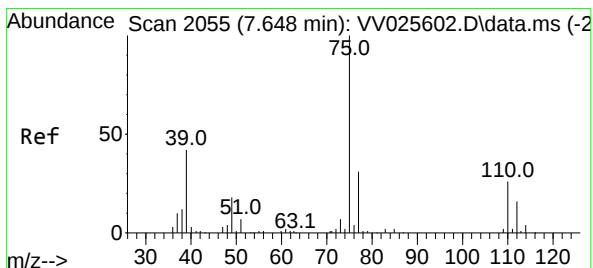
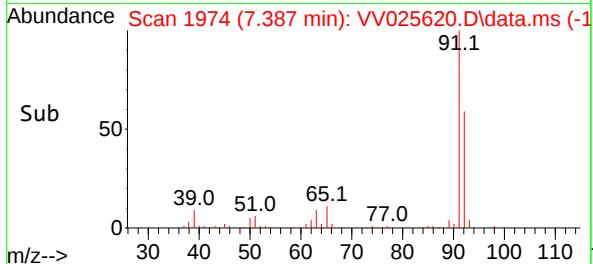
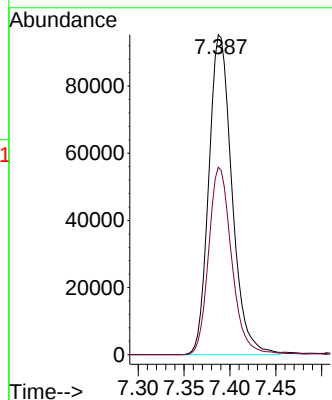
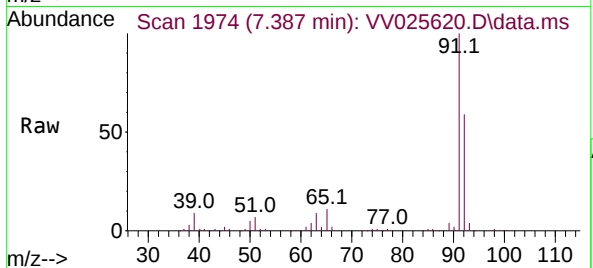
VSTD005383

Tgt Ion: 91 Resp: 167498

Ion Ratio Lower Upper

91 100

92 58.6 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.165 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VV025620.D

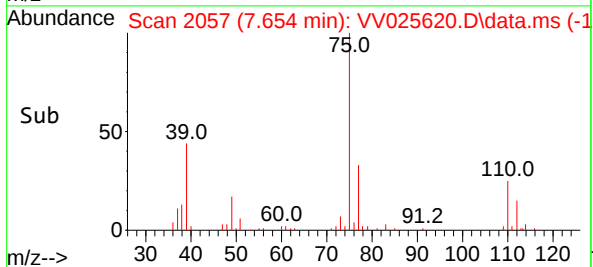
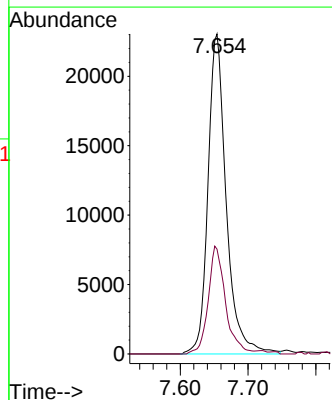
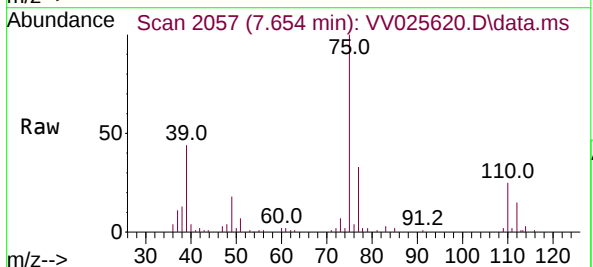
Acq: 18 Apr 2022 20:06

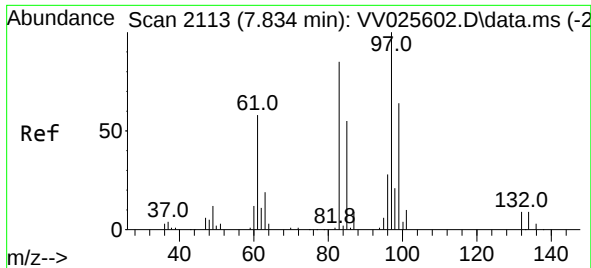
Tgt Ion: 75 Resp: 43109

Ion Ratio Lower Upper

75 100

77 32.7 21.7 40.3

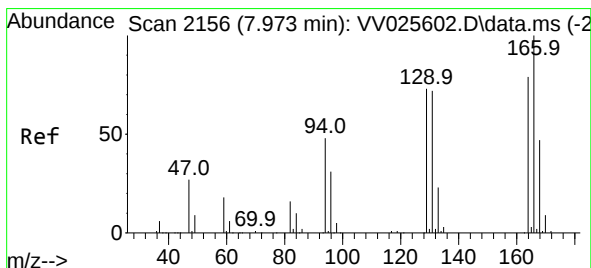
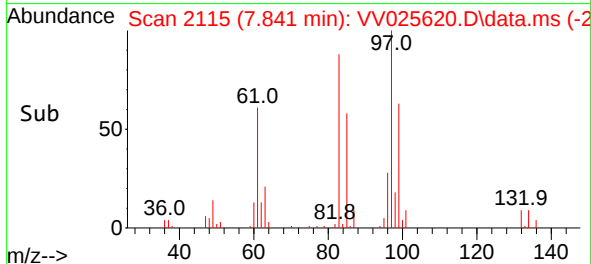
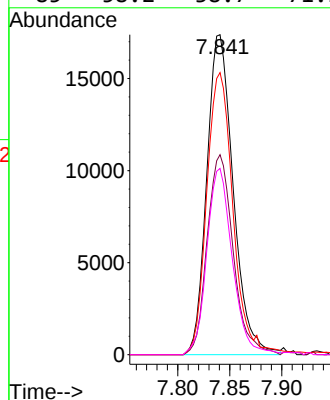
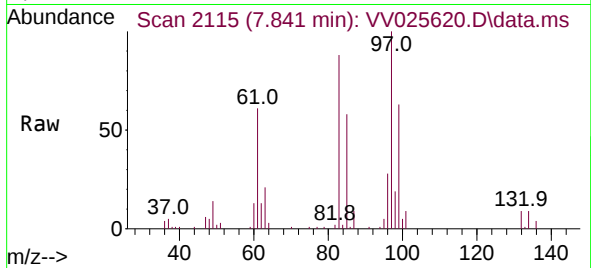




#45
 1,1,2-Trichloroethane
 Concen: 5.606 ug/L
 RT: 7.841 min Scan# 2115
 Delta R.T. 0.006 min
 Lab File: VV025620.D
 Acq: 18 Apr 2022 20:06

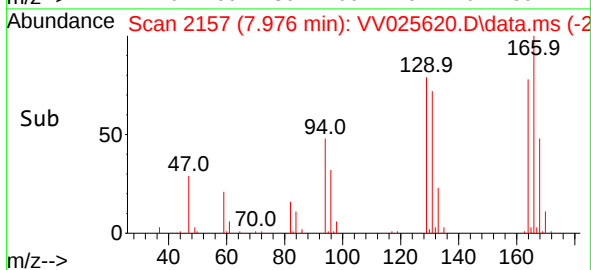
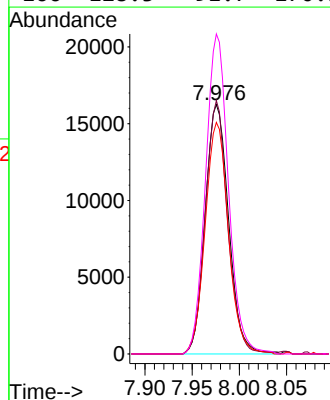
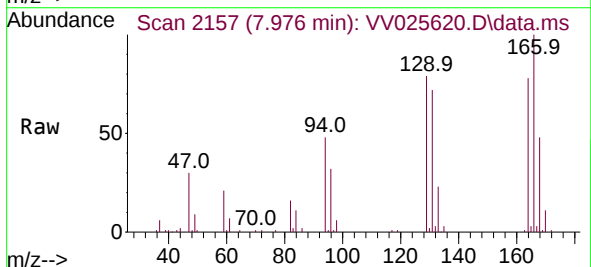
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005383

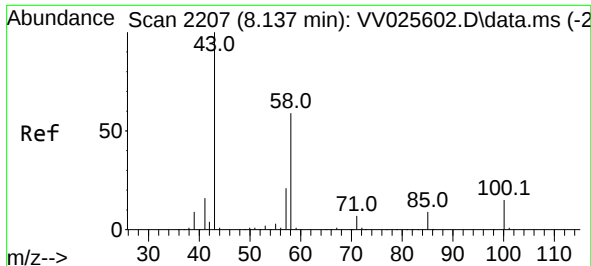
Tgt Ion:	97	Resp:	30773
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.8	81.4
83	88.1	60.3	112.1
85	58.2	38.7	71.9



#47
 Tetrachloroethene
 Concen: 3.806 ug/L
 RT: 7.976 min Scan# 2157
 Delta R.T. 0.003 min
 Lab File: VV025620.D
 Acq: 18 Apr 2022 20:06

Tgt Ion:	164	Resp:	28029
Ion	Ratio	Lower	Upper
164	100		
129	101.6	66.8	124.2
131	92.9	66.4	123.4
166	128.3	91.7	170.3



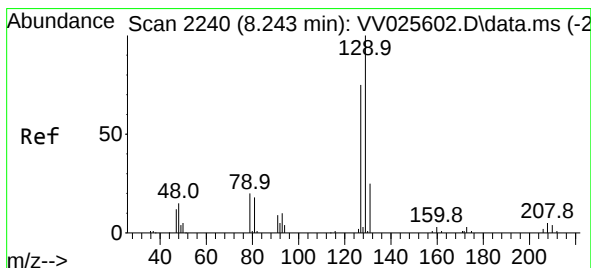
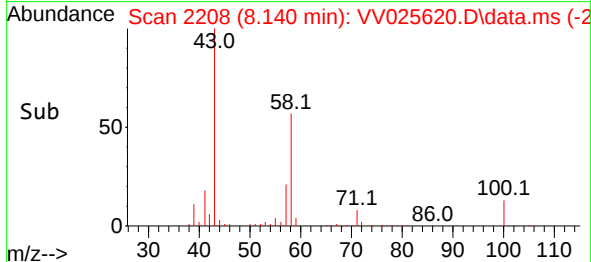
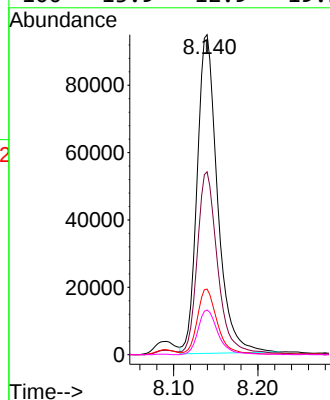
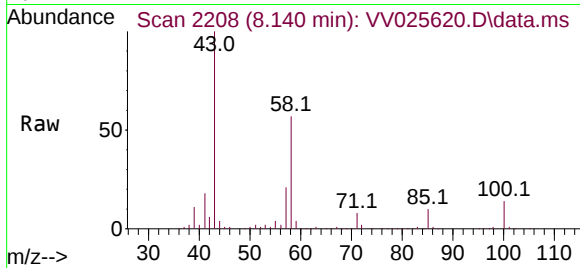


#48
2-Hexanone
Concen: 69.821 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV025620.D
Acq: 18 Apr 2022 20:06

Instrument :
MSVOA_V
ClientSampleId :
VSTD005383

Tgt Ion: 43 Resp: 159699

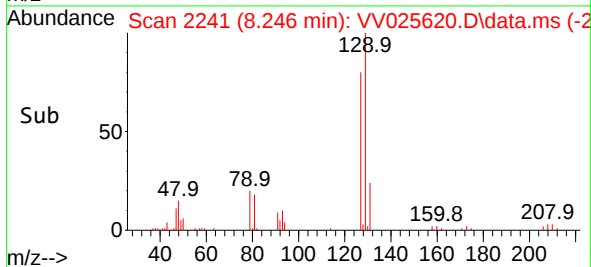
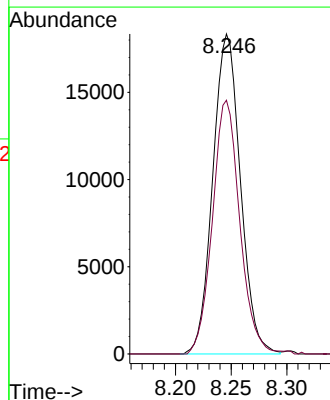
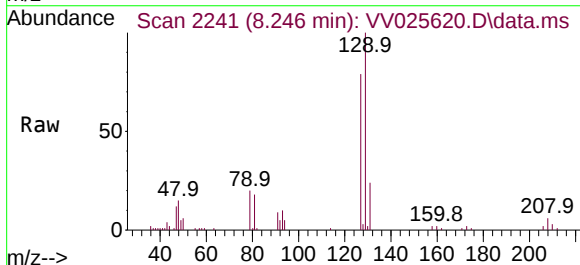
Ion	Ratio	Lower	Upper
43	100		
58	57.3	49.7	74.5
57	20.0	16.4	24.6
100	13.9	12.9	19.3

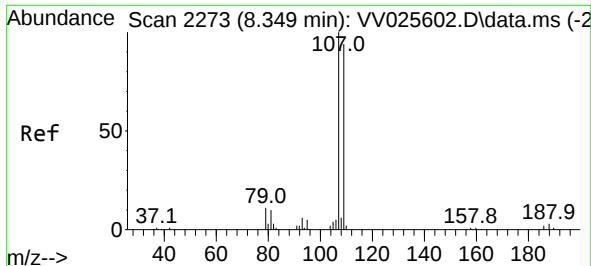


#49
Dibromochloromethane
Concen: 5.251 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025620.D
Acq: 18 Apr 2022 20:06

Tgt Ion: 129 Resp: 31643

Ion	Ratio	Lower	Upper
129	100		
127	79.3	53.8	100.0





#50

1,2-Dibromoethane

Concen: 5.159 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025620.D

Acq: 18 Apr 2022 20:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD005383

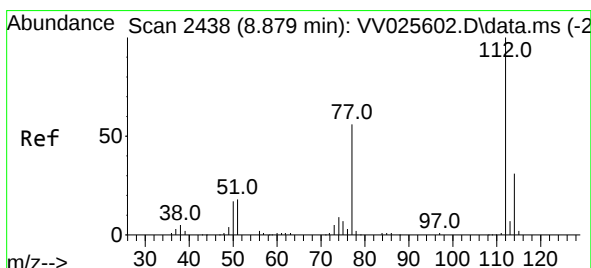
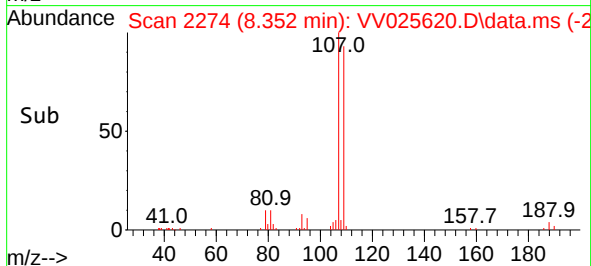
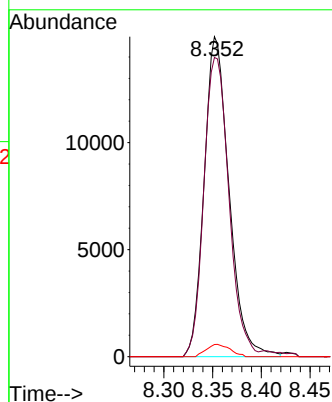
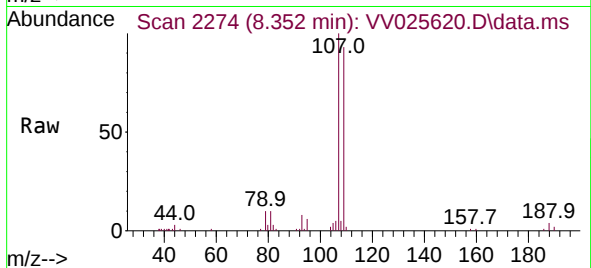
Tgt Ion:107 Resp: 26599

Ion Ratio Lower Upper

107 100

109 93.5 65.9 122.3

188 3.8 2.7 4.1



#51

Chlorobenzene

Concen: 4.230 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV025620.D

Acq: 18 Apr 2022 20:06

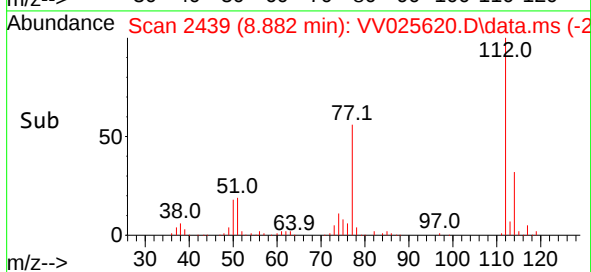
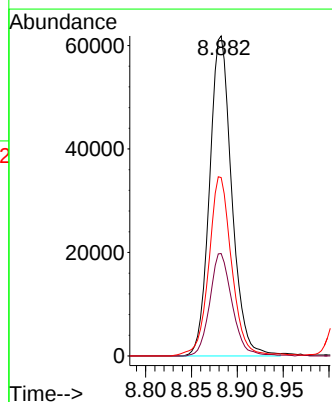
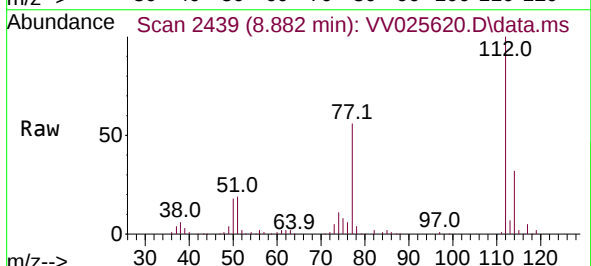
Tgt Ion:112 Resp: 104105

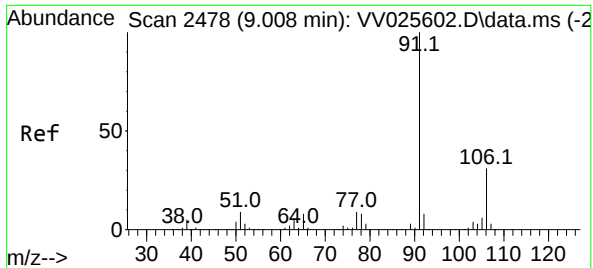
Ion Ratio Lower Upper

112 100

114 32.0 22.4 41.6

77 55.7 43.7 65.5

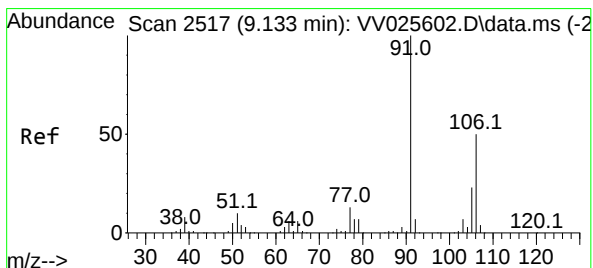
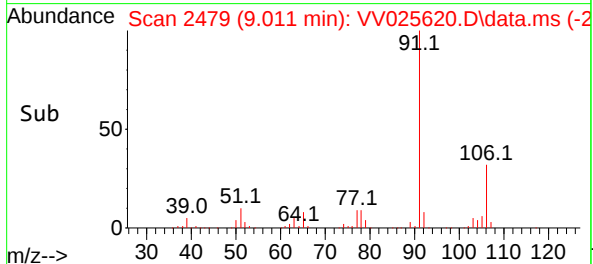
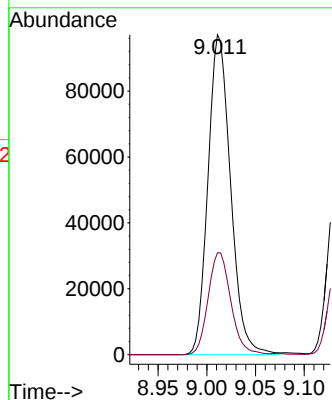
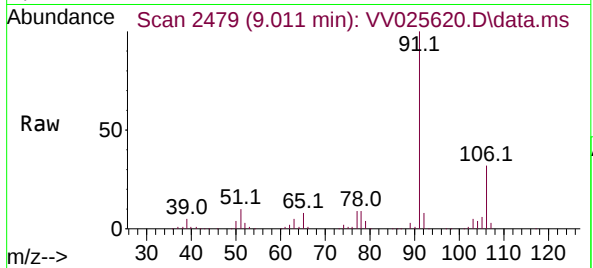




#52
Ethylbenzene
Concen: 3.817 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025620.D
Acq: 18 Apr 2022 20:06

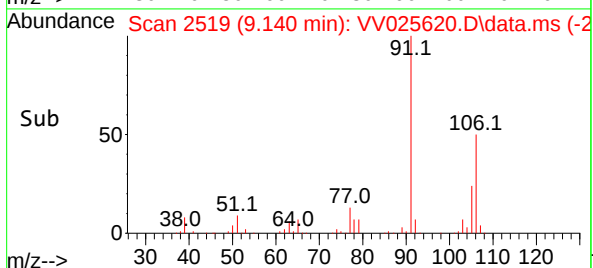
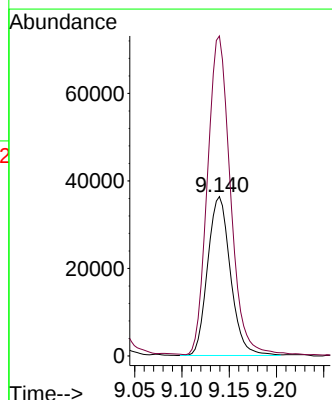
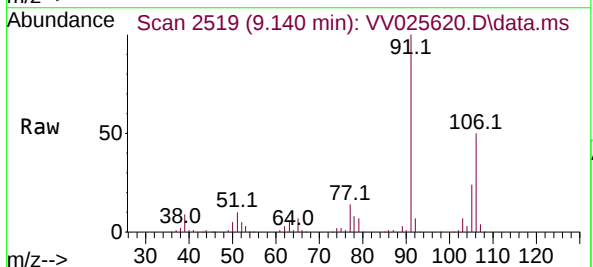
Instrument :
MSVOA_V
ClientSampleId :
VSTD005383

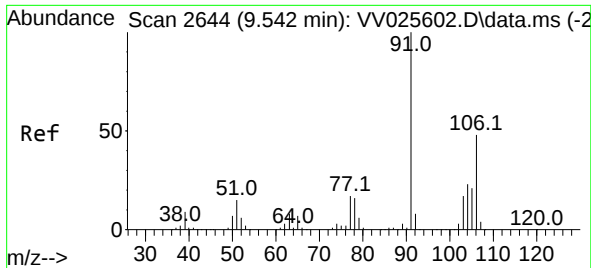
Tgt Ion: 91 Resp: 156896
Ion Ratio Lower Upper
91 100
106 31.9 22.3 41.3



#53
m,p-Xylene
Concen: 3.898 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.006 min
Lab File: VV025620.D
Acq: 18 Apr 2022 20:06

Tgt Ion: 106 Resp: 60923
Ion Ratio Lower Upper
106 100
91 200.7 136.4 253.4

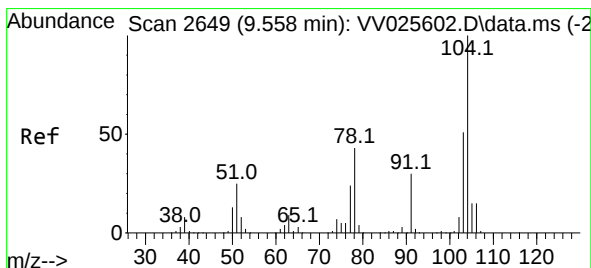
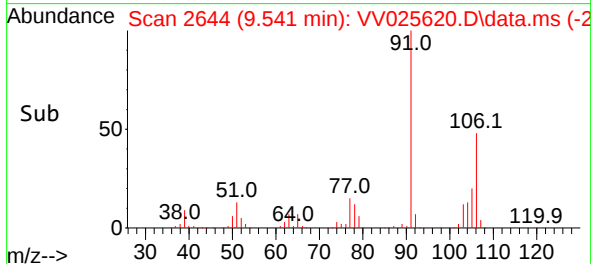
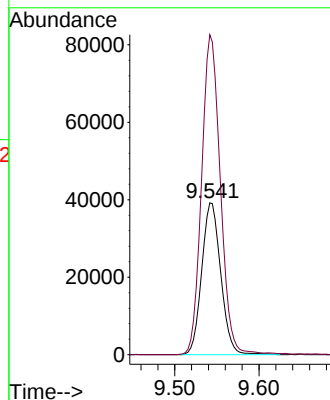
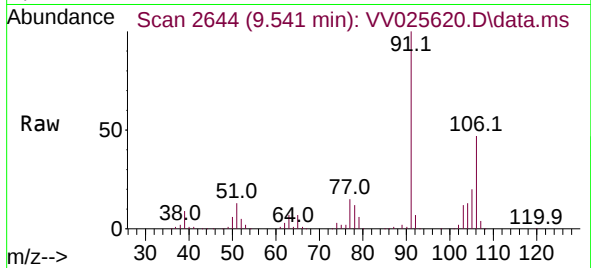




#54
o-Xylene
Concen: 4.066 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025620.D
Acq: 18 Apr 2022 20:06

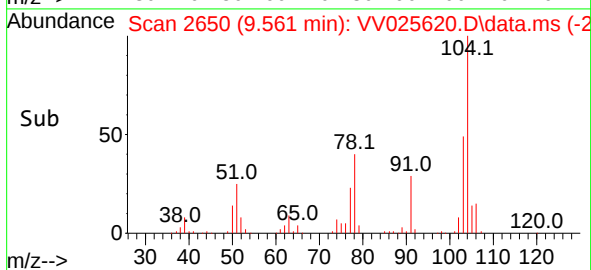
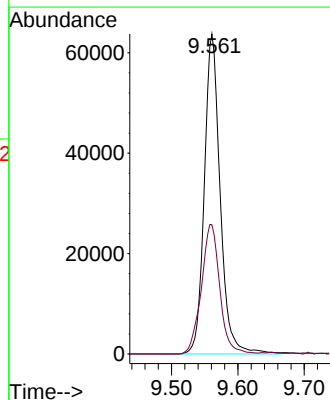
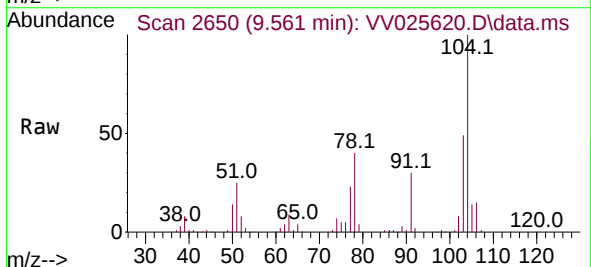
Instrument : MSVOA_V
ClientSampleId : VSTD005383

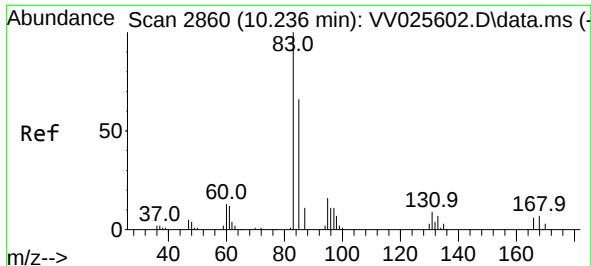
Tgt Ion:106 Resp: 61720
Ion Ratio Lower Upper
106 100
91 210.6 150.4 279.2



#55
Styrene
Concen: 4.292 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025620.D
Acq: 18 Apr 2022 20:06

Tgt Ion:104 Resp: 105944
Ion Ratio Lower Upper
104 100
78 40.4 28.3 52.7





#57

1,1,2-Tetrachloroethane

Concen: 5.625 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.003 min

Lab File: VV025620.D

Acq: 18 Apr 2022 20:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD005383

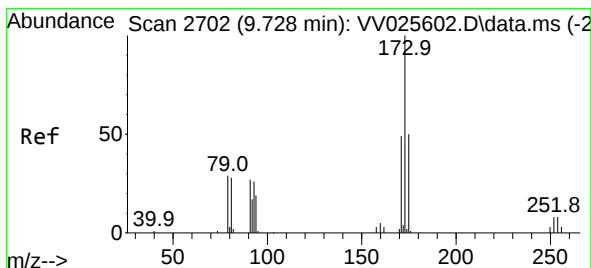
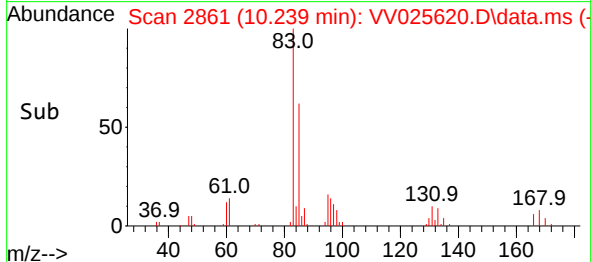
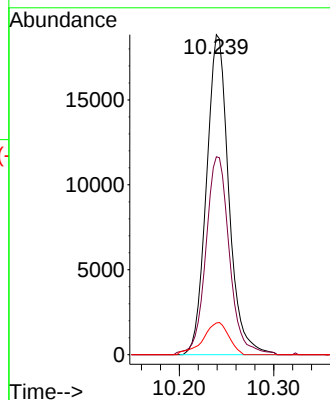
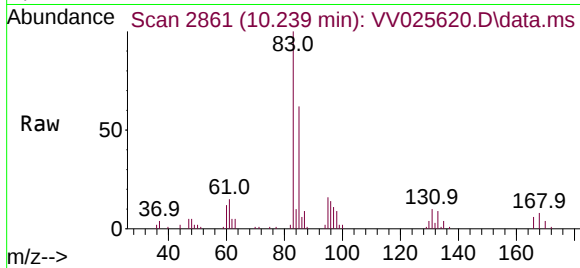
Tgt Ion: 83 Resp: 30852

Ion Ratio Lower Upper

83 100

85 61.9 45.1 83.9

131 9.9 7.9 11.9



#59

Bromoform

Concen: 5.172 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV025620.D

Acq: 18 Apr 2022 20:06

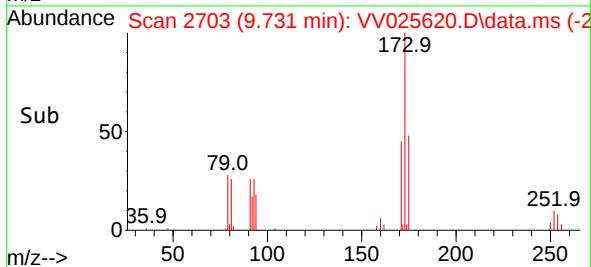
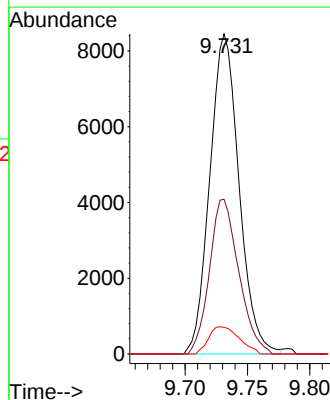
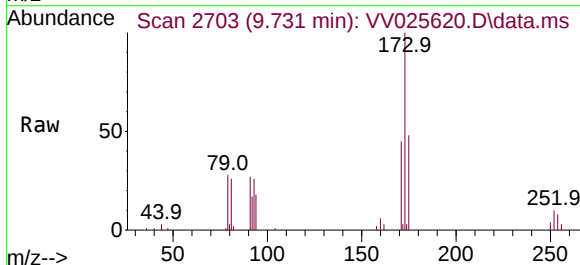
Tgt Ion: 173 Resp: 13799

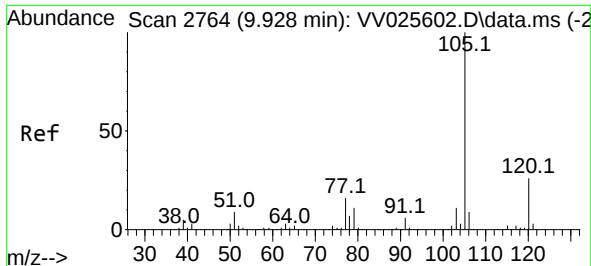
Ion Ratio Lower Upper

173 100

175 48.4 40.8 61.2

254 8.9 7.0 10.6

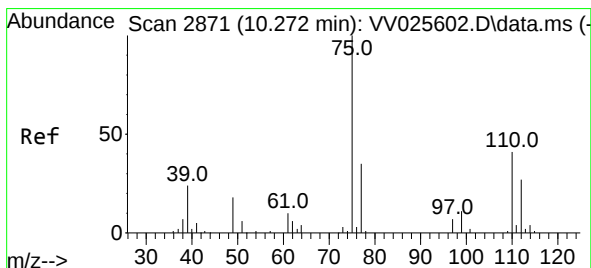
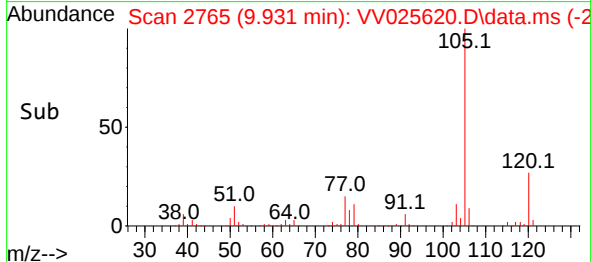
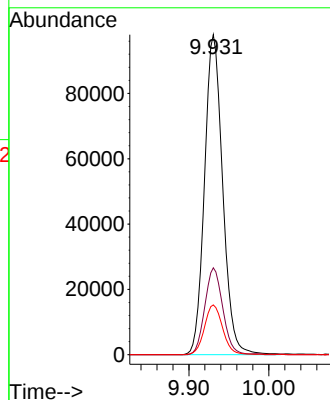
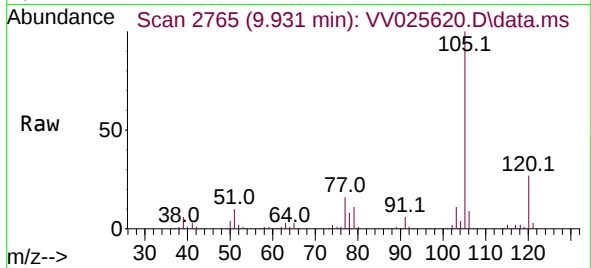




#60
Isopropylbenzene
Concen: 3.878 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV025620.D
Acq: 18 Apr 2022 20:06

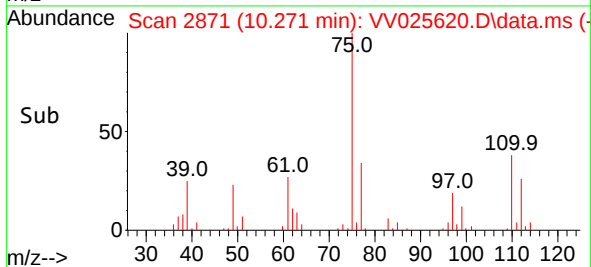
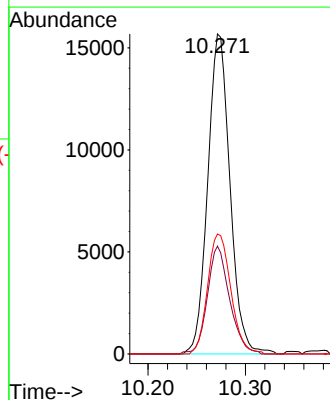
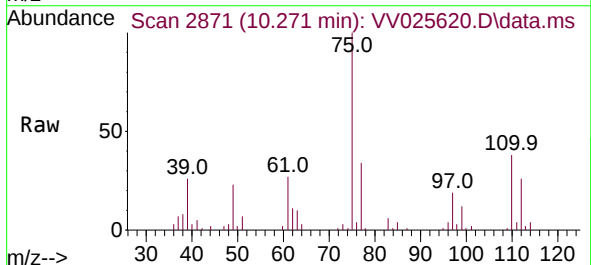
Instrument :
MSVOA_V
ClientSampleId :
VSTD005383

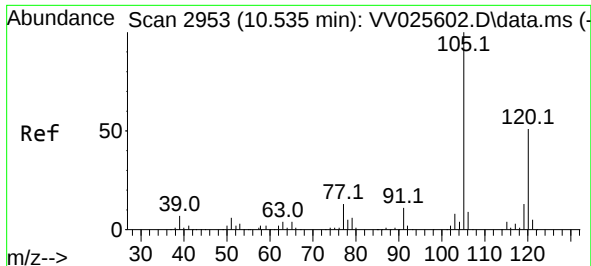
Tgt Ion:105 Resp: 155174
Ion Ratio Lower Upper
105 100
120 26.7 21.2 31.8
77 15.6 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.850 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025620.D
Acq: 18 Apr 2022 20:06

Tgt Ion: 75 Resp: 24904
Ion Ratio Lower Upper
75 100
77 33.6 25.6 38.4
110 39.2 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 3.704 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV025620.D

Acq: 18 Apr 2022 20:06

Instrument :

MSVOA_V

ClientSampleId :

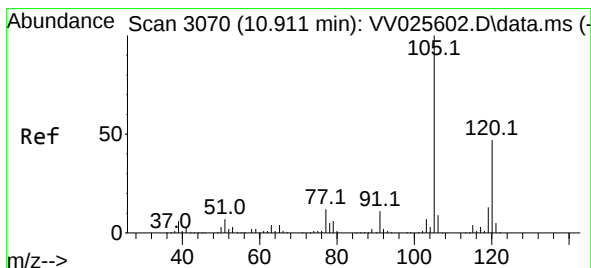
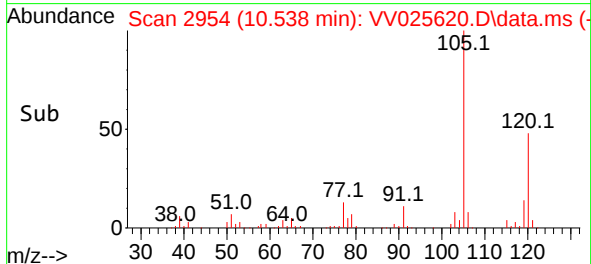
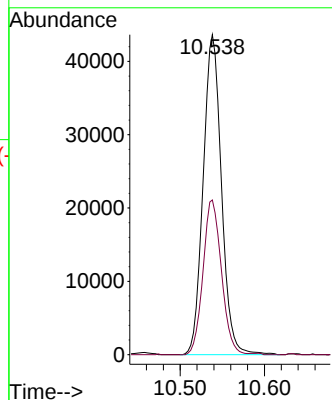
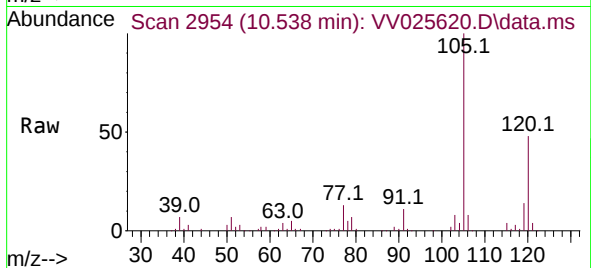
VSTD005383

Tgt Ion:105 Resp: 66076

Ion Ratio Lower Upper

105 100

120 48.6 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 3.782 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025620.D

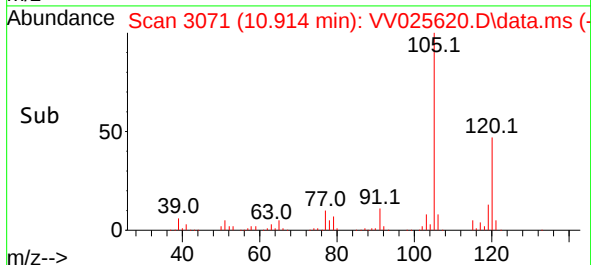
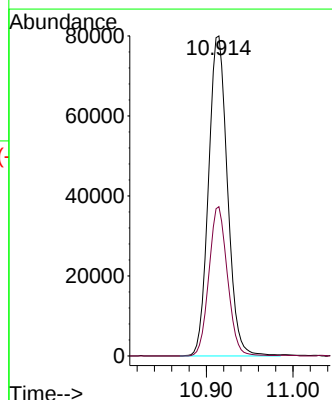
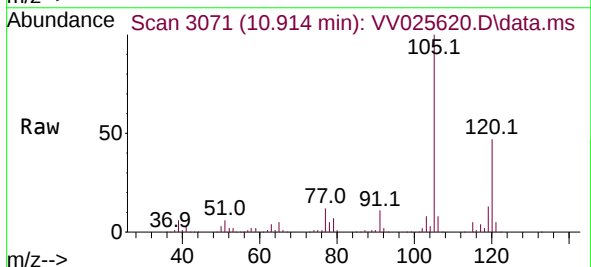
Acq: 18 Apr 2022 20:06

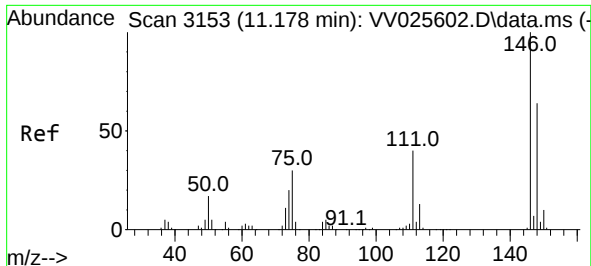
Tgt Ion:105 Resp: 121573

Ion Ratio Lower Upper

105 100

120 45.7 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 4.167 ug/L

RT: 11.181 min Scan# 3153

Delta R.T. 0.003 min

Lab File: VV025620.D

Acq: 18 Apr 2022 20:06

Instrument :

MSVOA_V

ClientSampleId :

VSTD005383

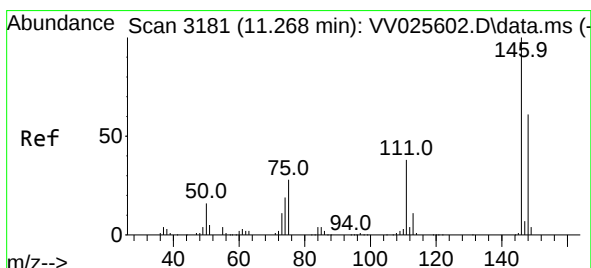
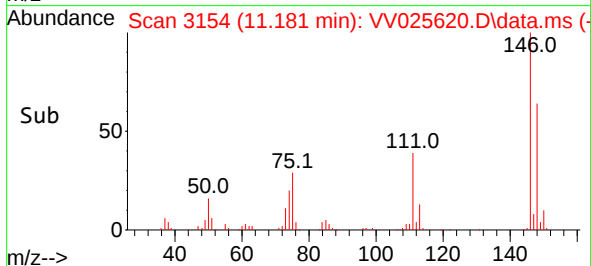
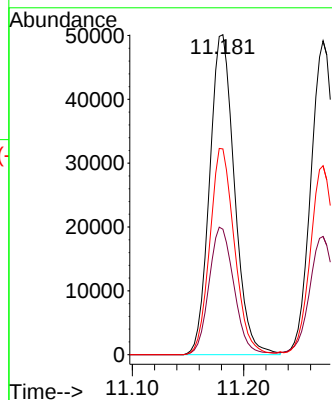
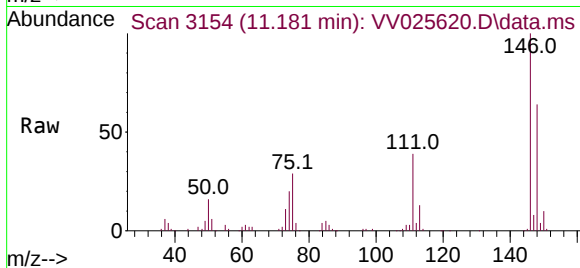
Tgt Ion:146 Resp: 77819

Ion Ratio Lower Upper

146 100

111 39.2 27.4 50.8

148 64.3 44.7 82.9



#65

1,4-Dichlorobenzene

Concen: 4.029 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. 0.003 min

Lab File: VV025620.D

Acq: 18 Apr 2022 20:06

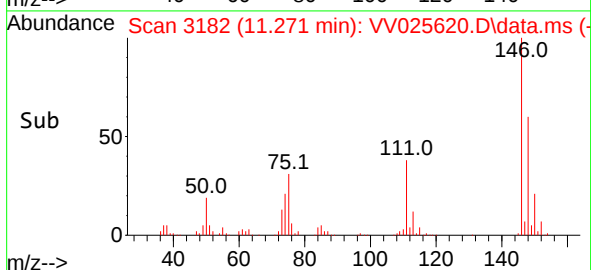
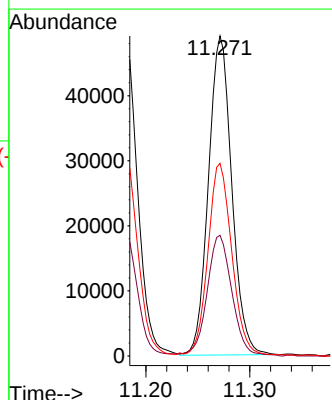
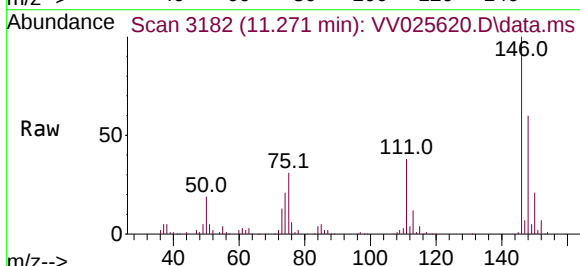
Tgt Ion:146 Resp: 76376

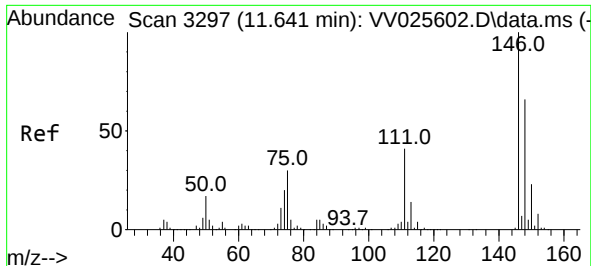
Ion Ratio Lower Upper

146 100

111 37.7 26.7 49.7

148 60.2 42.8 79.6

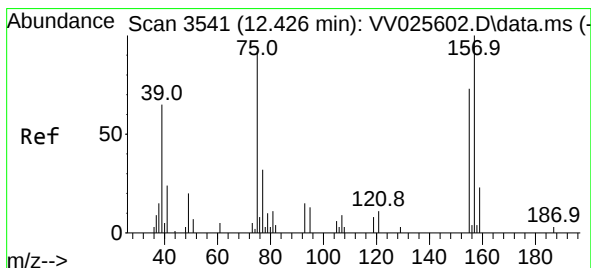
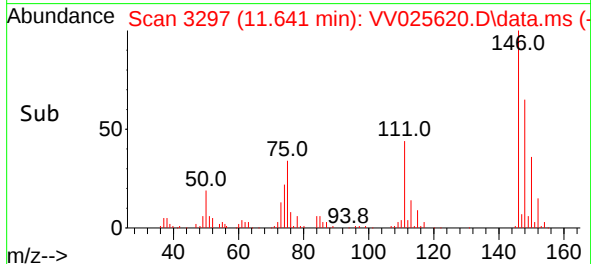
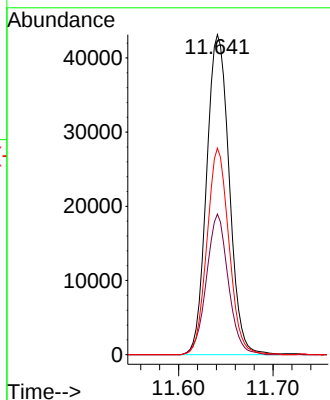
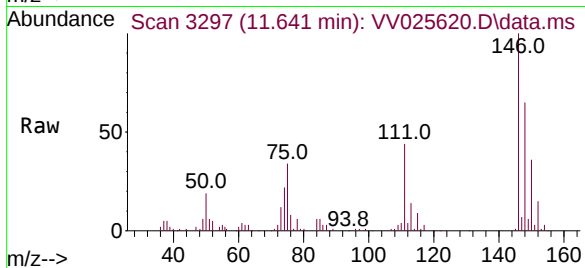




#67
1,2-Dichlorobenzene
Concen: 4.332 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV025620.D
Acq: 18 Apr 2022 20:06

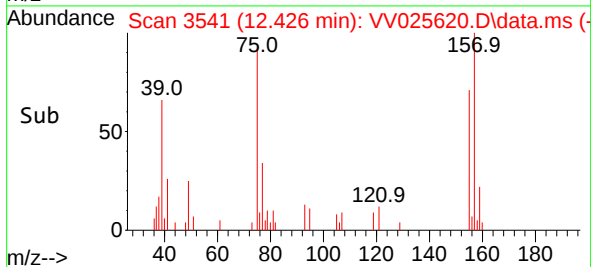
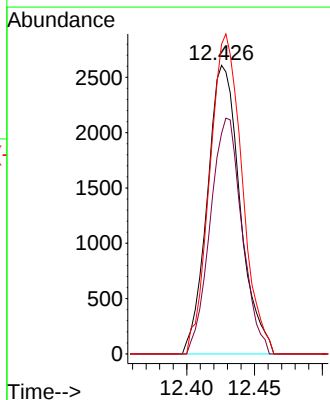
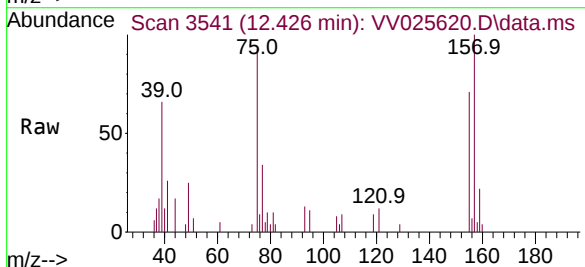
Instrument :
MSVOA_V
ClientSampleId :
VSTD005383

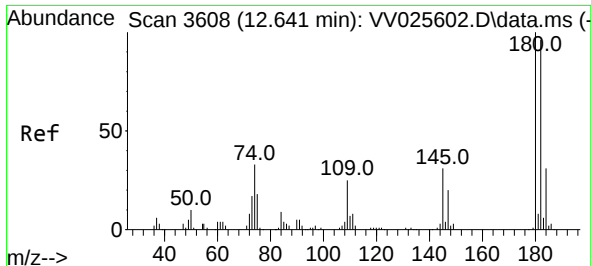
Tgt Ion:146 Resp: 71653
Ion Ratio Lower Upper
146 100
111 44.0 33.6 50.4
148 64.6 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.962 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV025620.D
Acq: 18 Apr 2022 20:06

Tgt Ion: 75 Resp: 4388
Ion Ratio Lower Upper
75 100
155 76.4 65.8 98.8
157 107.3 86.6 130.0

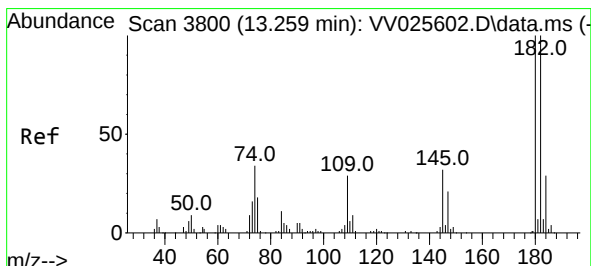
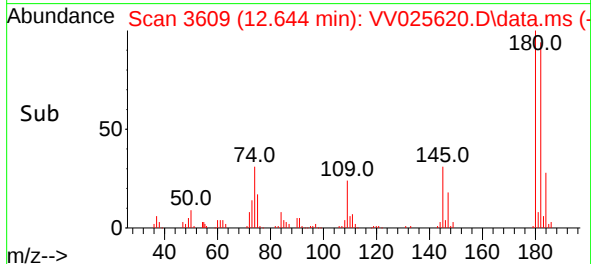
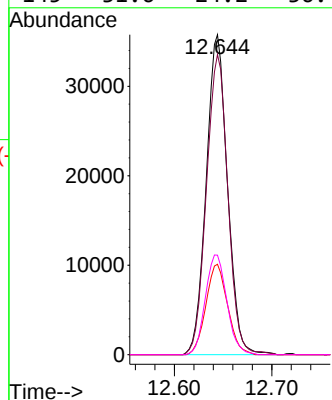
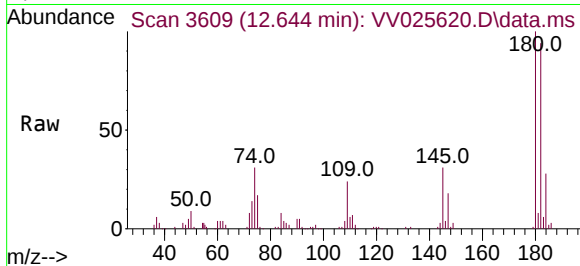




#69
 1,3,5-Trichlorobenzene
 Concen: 3.809 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV025620.D
 Acq: 18 Apr 2022 20:06

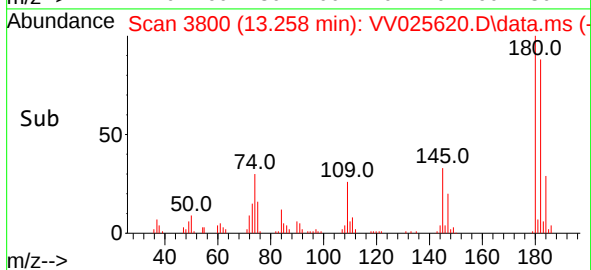
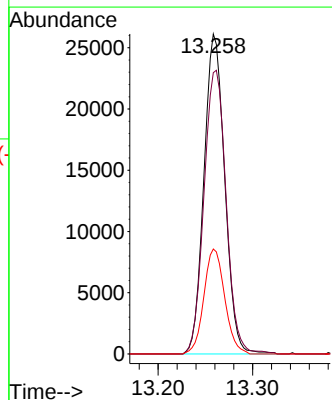
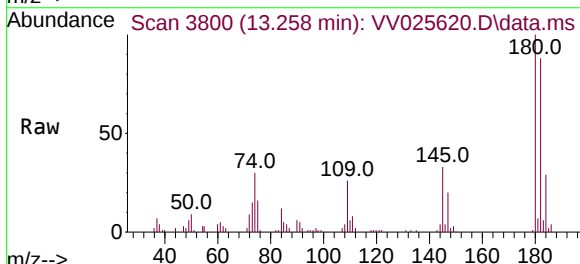
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005383

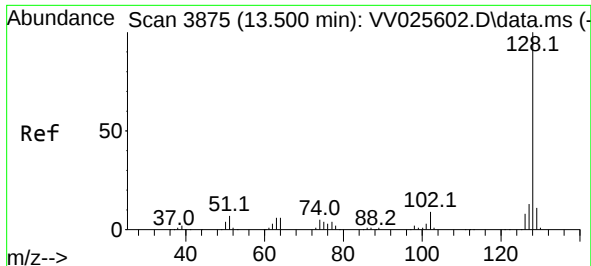
Tgt Ion:180	Resp:	54129
Ion Ratio	Lower	Upper
180	100	
182	94.6	75.3 112.9
184	29.0	23.4 35.2
145	31.6	24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 3.642 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV025620.D
 Acq: 18 Apr 2022 20:06

Tgt Ion:180	Resp:	39898
Ion Ratio	Lower	Upper
180	100	
182	94.7	76.6 114.8
145	32.9	24.6 36.8

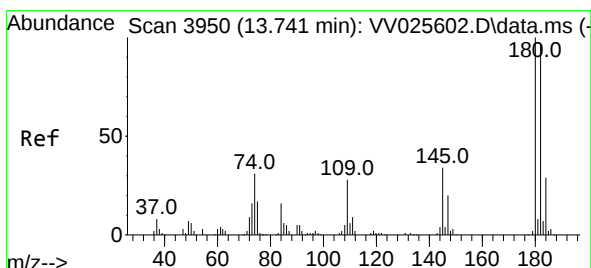
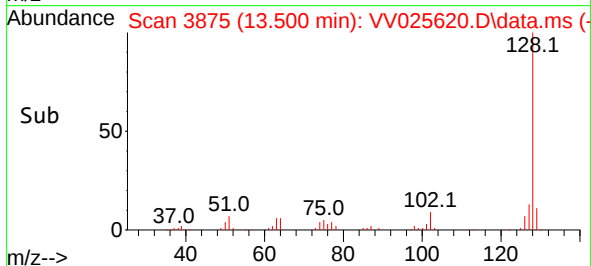
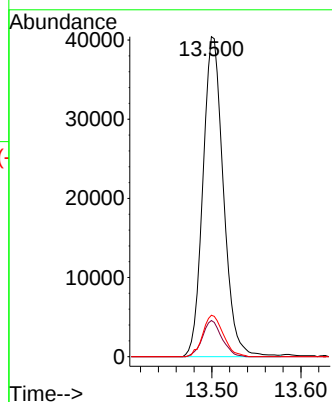
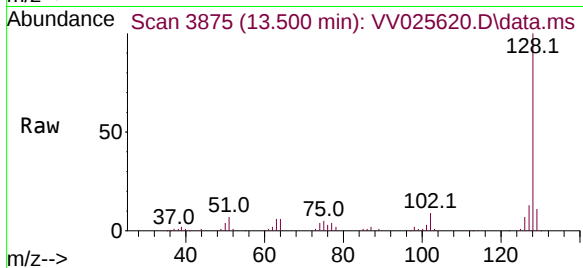




#71
Naphthalene
Concen: 4.017 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025620.D
Acq: 18 Apr 2022 20:06

Instrument :
MSVOA_V
ClientSampleId :
VSTD005383

Tgt Ion:128 Resp: 64544
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 3.896 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025620.D
Acq: 18 Apr 2022 20:06

Tgt Ion:180 Resp: 35336
Ion Ratio Lower Upper
180 100
182 96.7 77.7 116.5
145 32.4 27.4 41.2

