

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040623\
 Data File : VW030407.D
 Acq On : 06 Apr 2023 09:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005322

Quant Time: Apr 07 04:49:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	142414	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	138575	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	80932	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40667	4.312	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.536	69	39005	4.261	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.063	63	103079	4.605	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	3.851	46	99864	40.963	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.920%
24) Chloroform-d	4.259	84	105364	4.615	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	4.953	65	51120	4.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	4.969	84	187803	4.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	5.995	67	54748	4.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.249	98	177867	4.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	7.561	79	19969	4.338	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.037	63	81090	43.842	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.680%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	42531	4.414	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	11.570	152	66907	4.625	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	78459	4.334	ug/L	99
3) Chloromethane	1.214	50	91901	4.023	ug/L	99
5) Vinyl chloride	1.285	62	71151	4.272	ug/L	98
6) Bromomethane	1.491	94	21767	4.582	ug/L	99
8) Chloroethane	1.552	64	42522	4.457	ug/L	99
9) Trichlorofluoromethane	1.716	101	113838	4.689	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	59472	4.438	ug/L	99
12) 1,1-Dichloroethene	2.072	96	53700	4.513	ug/L	96
13) Acetone	2.166	43	30715	13.175	ug/L	98
14) Carbon disulfide	2.243	76	170058	4.339	ug/L	99
15) Methyl Acetate	2.397	43	17920	4.301	ug/L	# 84
16) Methylene chloride	2.452	84	62199	4.419	ug/L	99
17) Methyl tert-butyl Ether	2.712	73	111783	4.435	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	55021	4.389	ug/L	98
19) 1,1-Dichloroethane	3.117	63	109024	4.486	ug/L	99
21) 2-Butanone	3.915	43	122867	41.873	ug/L	100
22) cis-1,2-Dichloroethene	3.825	96	56745	4.510	ug/L	100
23) Bromochloromethane	4.156	128	25752	4.383	ug/L	95
25) Chloroform	4.285	83	111856	4.555	ug/L	97

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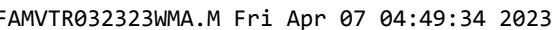
Instrument :
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 ClientSampleId :
 VSTD005322

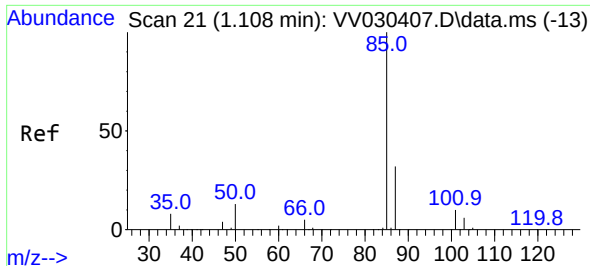
Quant Time: Apr 07 04:49:29 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	67590	4.552	ug/L	98
29) 1,1,1-Trichloroethane	4.519	97	104329	4.684	ug/L	99
30) Cyclohexane	4.590	56	91452	4.507	ug/L	99
31) Carbon tetrachloride	4.741	117	94778	4.690	ug/L	100
33) Benzene	5.018	78	231800	4.709	ug/L	100
34) Trichloroethene	5.841	95	58577	4.413	ug/L	97
35) Methylcyclohexane	6.059	83	94039	4.513	ug/L	99
37) 1,2-Dichloropropane	6.101	63	57778	4.573	ug/L	99
38) Bromodichloromethane	6.439	83	76728	4.637	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	79144	4.454	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	311191	46.737	ug/L	97
42) Toluene	7.323	91	253351	4.833	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	67327	4.453	ug/L	98
45) 1,1,2-Trichloroethane	7.780	97	39277	4.415	ug/L	95
47) Tetrachloroethene	7.911	164	55401	4.729	ug/L	98
48) 2-Hexanone	8.088	43	250741	50.282	ug/L	100
49) Dibromochloromethane	8.185	129	49394	4.664	ug/L	99
50) 1,2-Dibromoethane	8.291	107	36502	4.510	ug/L	99
51) Chlorobenzene	8.821	112	160353	4.777	ug/L	99
52) Ethylbenzene	8.953	91	266865	4.653	ug/L	100
53) m,p-Xylene	9.079	106	103021	4.692	ug/L	100
54) o-Xylene	9.487	106	96713	4.603	ug/L	100
55) Styrene	9.503	104	171715	4.812	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.188	83	45984	4.354	ug/L	99
59) Bromoform	9.673	173	29235	4.469	ug/L	96
60) Isopropylbenzene	9.876	105	273443	4.581	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	31910	4.410	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	217721	4.470	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	225108	4.535	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	139032	4.671	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	140783	4.695	ug/L	100
67) 1,2-Dichlorobenzene	11.587	146	124499	4.642	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.374	75	7360	4.089	ug/L	99
69) 1,3,5-Trichlorobenzene	12.590	180	106898	4.665	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	82475	4.661	ug/L	100
71) Naphthalene	13.448	128	108053	4.276	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	67868	4.428	ug/L	97

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

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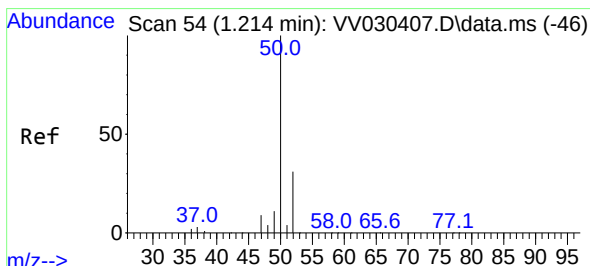
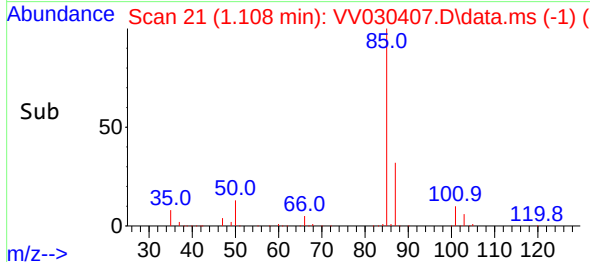
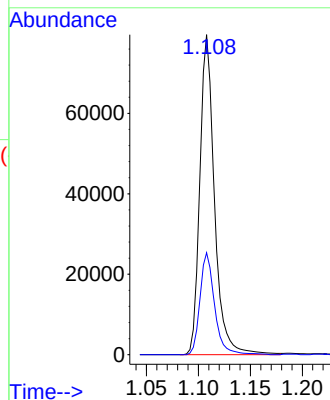
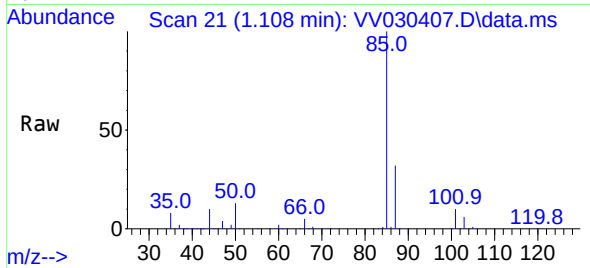




#2
 Dichlorodifluoromethane
 Concen: 4.334 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030407.D
 Acq: 06 Apr 2023 09:52

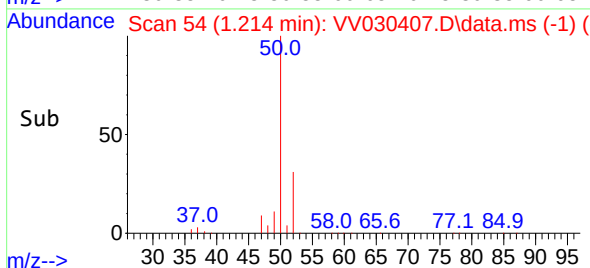
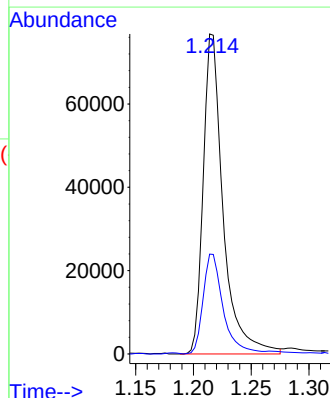
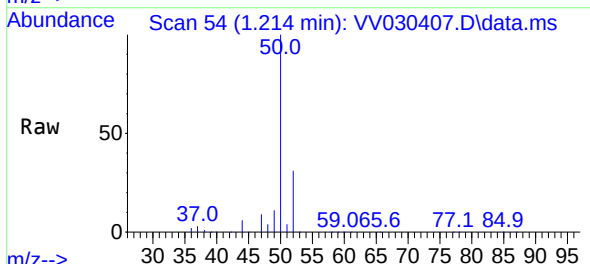
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005322

Tgt Ion: 85 Resp: 78459
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.6 38.4

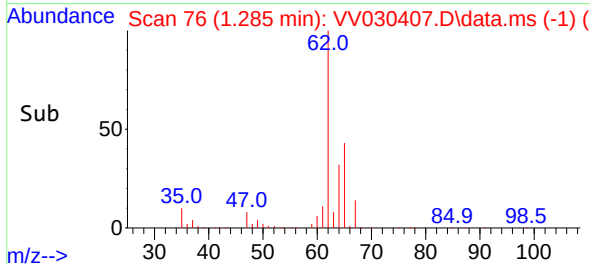
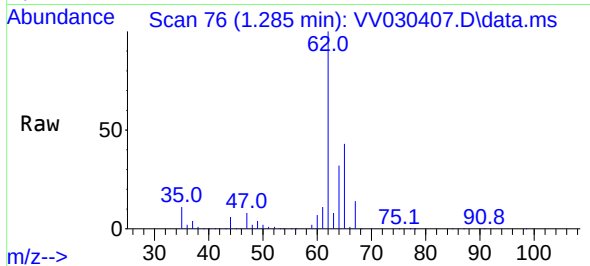
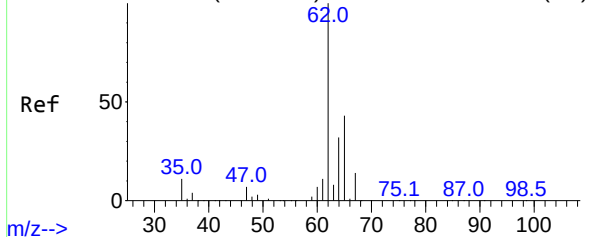


#3
 Chloromethane
 Concen: 4.023 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV030407.D
 Acq: 06 Apr 2023 09:52

Tgt Ion: 50 Resp: 91901
 Ion Ratio Lower Upper
 50 100
 52 31.2 22.3 41.5



Abundance Scan 76 (1.285 min): VV030407.D\data.ms (-66)



#5

Vinyl chloride

Concen: 4.272 ug/L

RT: 1.285 min Scan# 7

Delta R.T. -0.000 min

Lab File: VV030407.D

Acq: 06 Apr 2023 09:52

Instrument :

MSVOA_V

ClientSampleId :

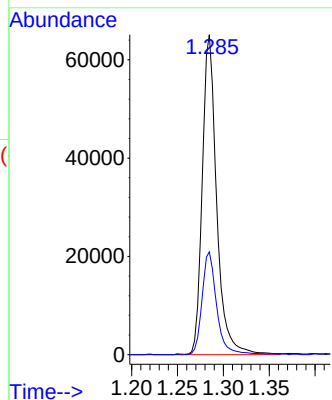
VSTD005322

Tgt Ion: 62 Resp: 71151

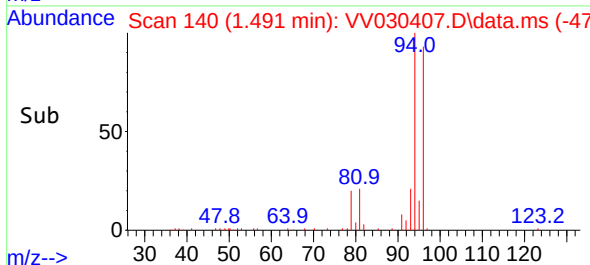
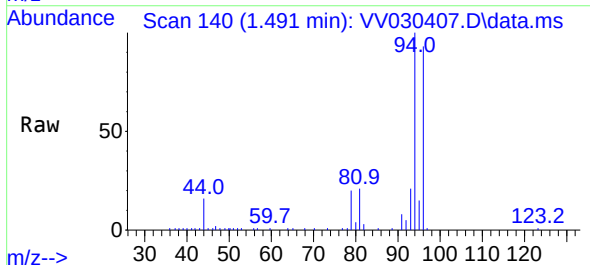
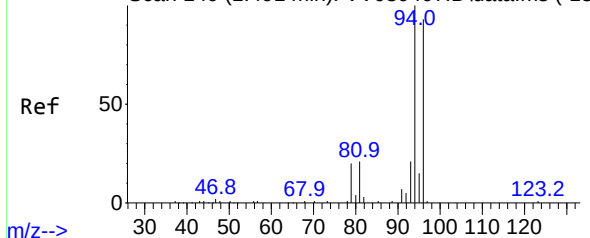
Ion Ratio Lower Upper

62 100

64 32.2 23.2 43.2



Abundance Scan 140 (1.491 min): VV030407.D\data.ms (-13)



#6

Bromomethane

Concen: 4.582 ug/L

RT: 1.491 min Scan# 140

Delta R.T. -0.000 min

Lab File: VV030407.D

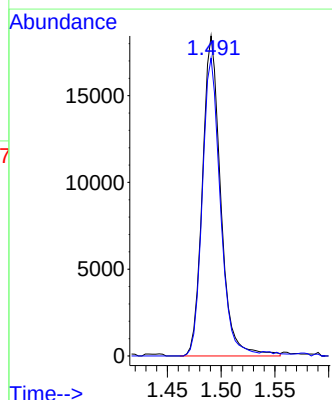
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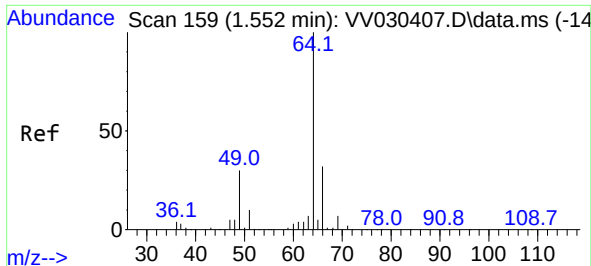
Tgt Ion: 94 Resp: 21767

Ion Ratio Lower Upper

94 100

96 93.1 66.1 122.7

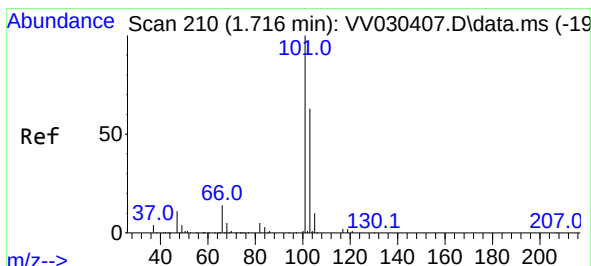
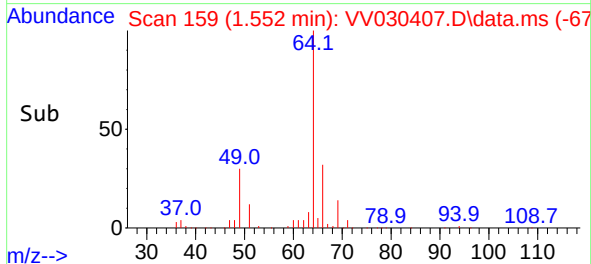
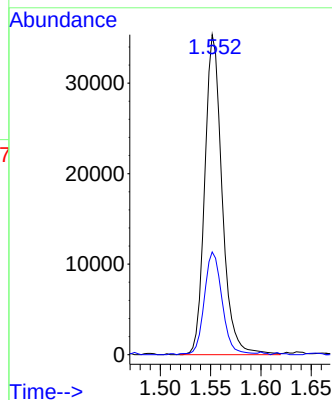
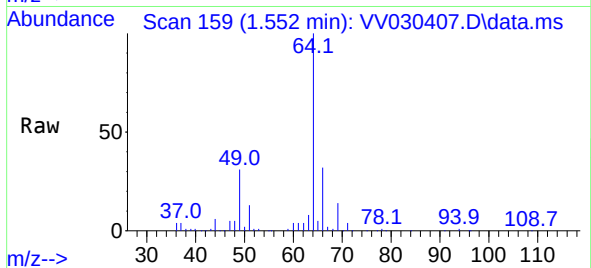




#8
Chloroethane
Concen: 4.457 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

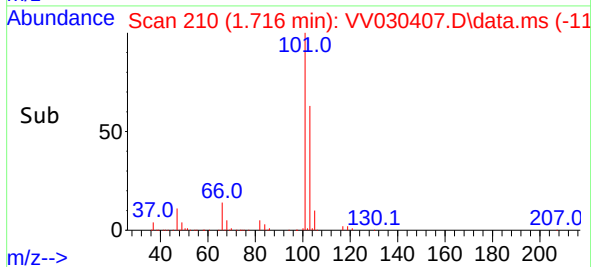
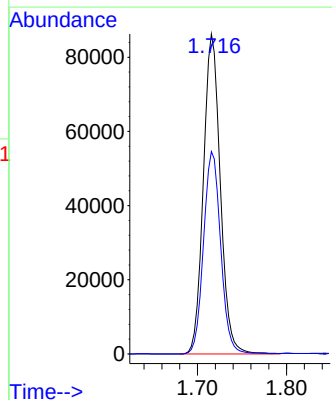
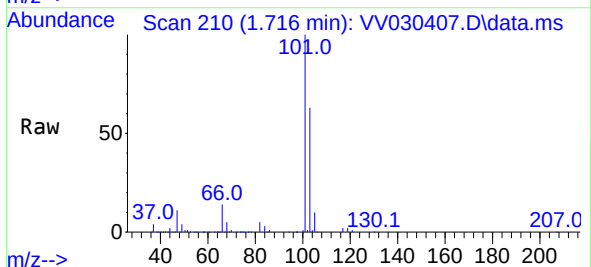
Instrument :
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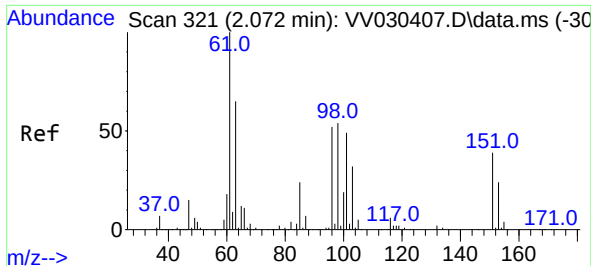
Tgt Ion: 64 Resp: 42522
Ion Ratio Lower Upper
64 100
66 32.1 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.689 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.003 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

Tgt Ion:101 Resp: 113838
Ion Ratio Lower Upper
101 100
103 63.9 51.0 76.6

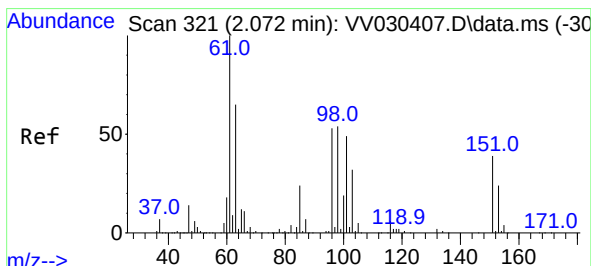
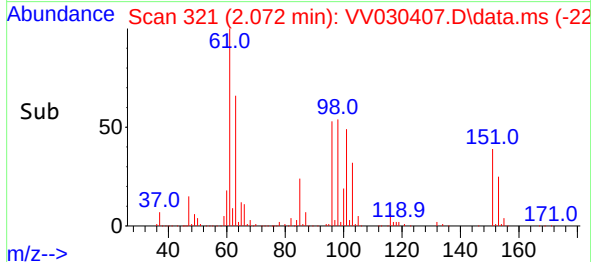
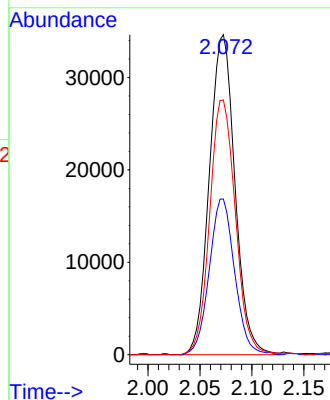
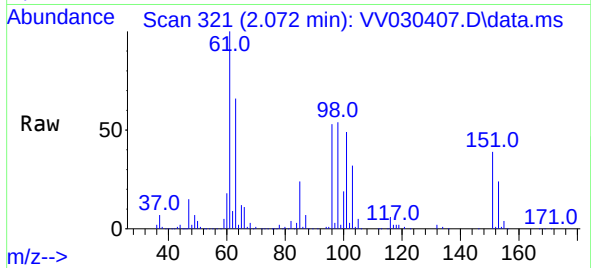




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.438 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

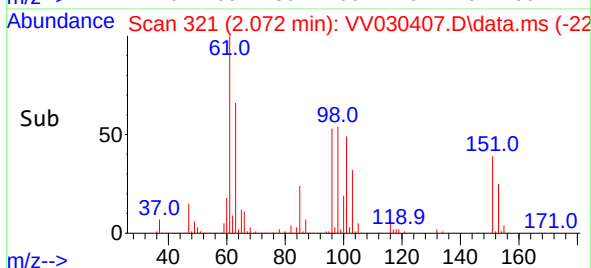
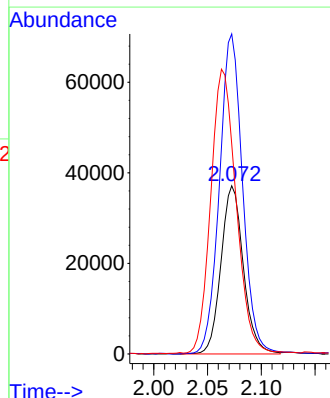
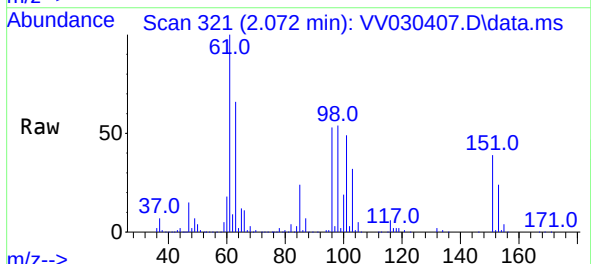
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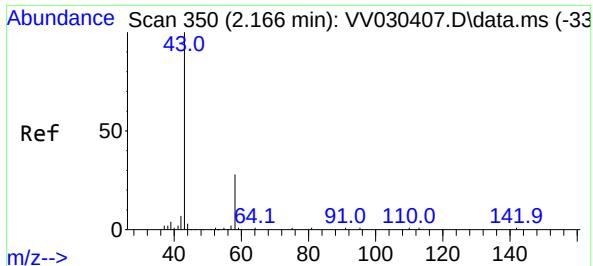
Tgt Ion:101 Resp: 59472
Ion Ratio Lower Upper
101 100
85 48.1 38.1 57.1
151 80.1 62.7 94.1



#12
1,1-Dichloroethene
Concen: 4.513 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.003 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

Tgt Ion: 96 Resp: 53700
Ion Ratio Lower Upper
96 100
61 190.3 136.3 253.1
63 124.9 92.1 171.1





#13

Acetone

Concen: 13.175 ug/L

RT: 2.166 min Scan# 350

Delta R.T. 0.019 min

Lab File: VV030407.D

Acq: 06 Apr 2023 09:52

Instrument :

MSVOA_V

ClientSampleId :

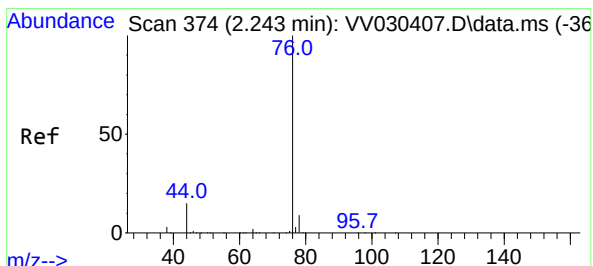
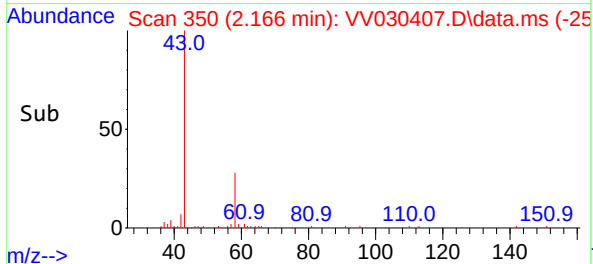
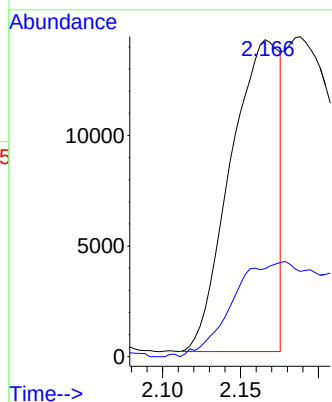
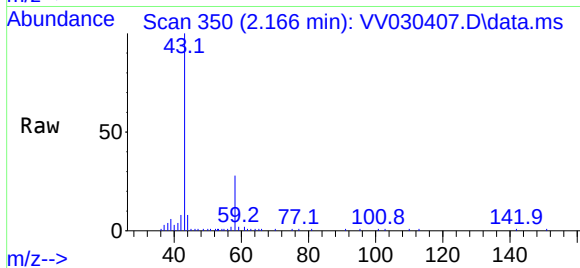
VSTD005322

Tgt Ion: 43 Resp: 30715

Ion Ratio Lower Upper

43 100

58 19.6 0.0 40.8



#14

Carbon disulfide

Concen: 4.339 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.003 min

Lab File: VV030407.D

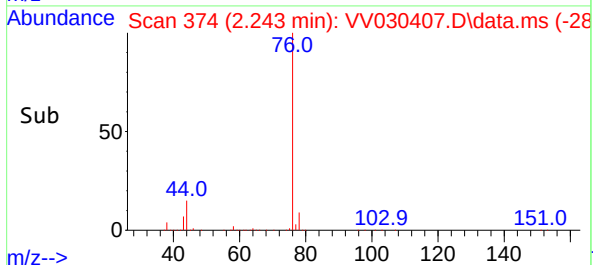
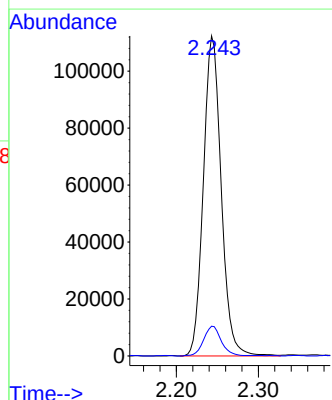
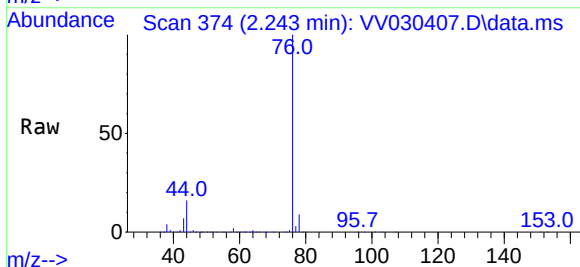
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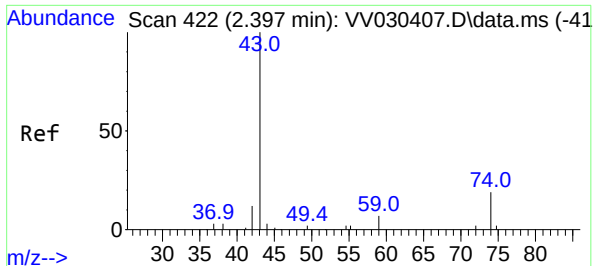
Tgt Ion: 76 Resp: 170058

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

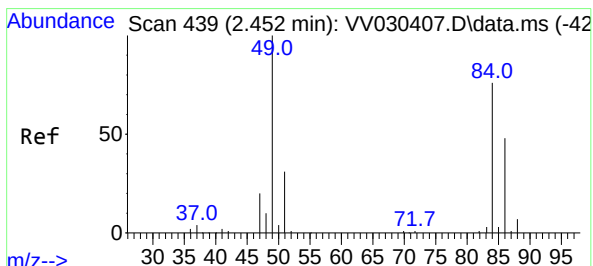
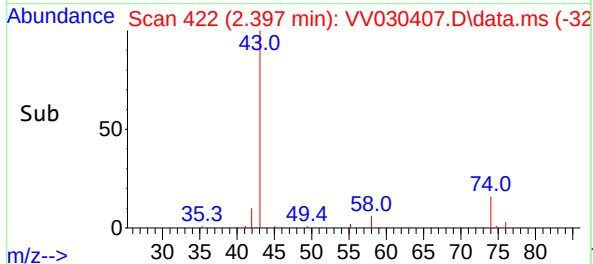
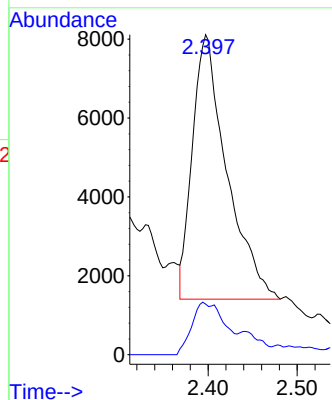
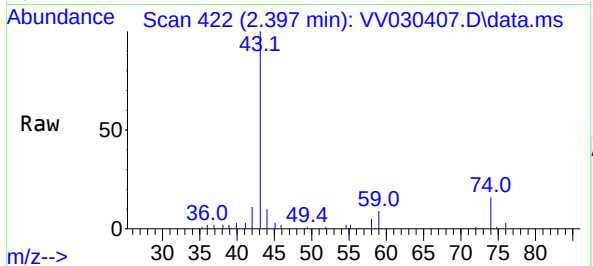




#15
Methyl Acetate
Concen: 4.301 ug/L
RT: 2.397 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

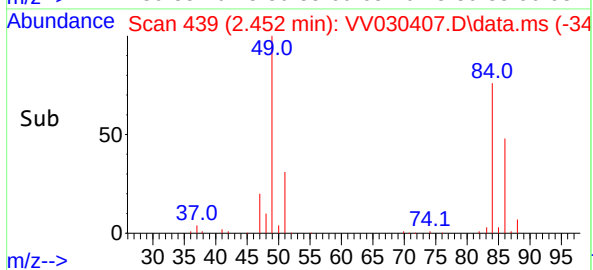
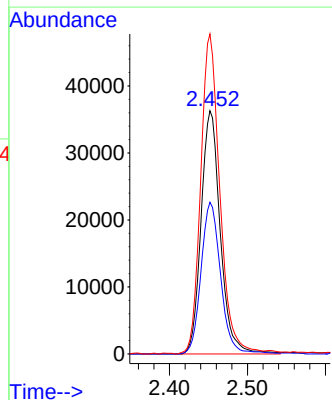
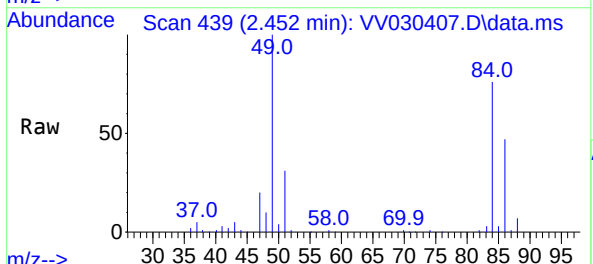
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

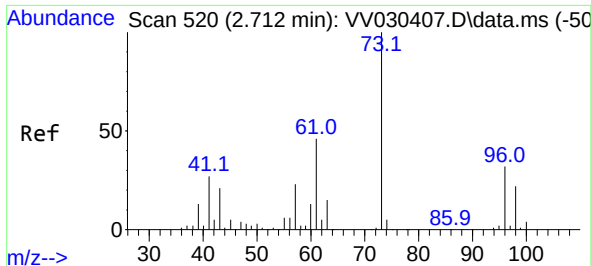
Tgt Ion: 43 Resp: 17920
Ion Ratio Lower Upper
43 100
74 19.0 22.1 33.1#



#16
Methylene chloride
Concen: 4.419 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

Tgt Ion: 84 Resp: 62199
Ion Ratio Lower Upper
84 100
86 62.4 44.0 81.6
49 131.6 90.6 168.3

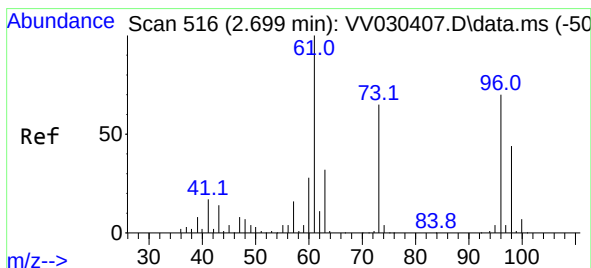
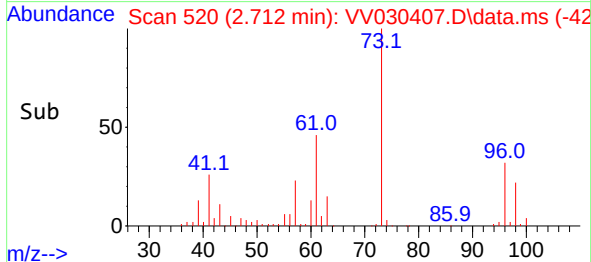
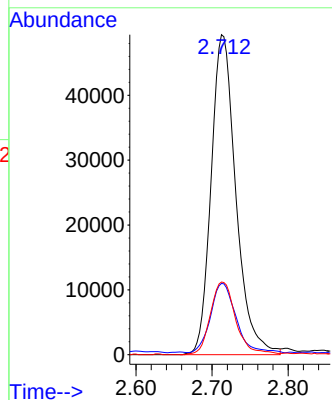
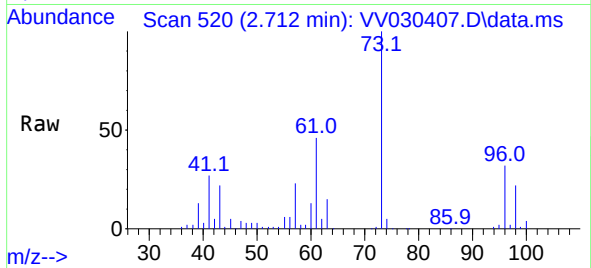




#17
Methyl tert-butyl Ether
Concen: 4.435 ug/L
RT: 2.712 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

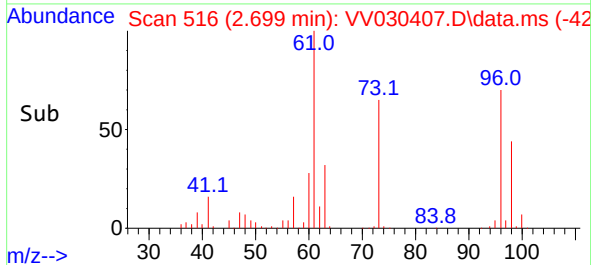
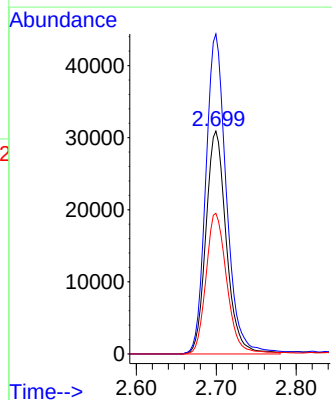
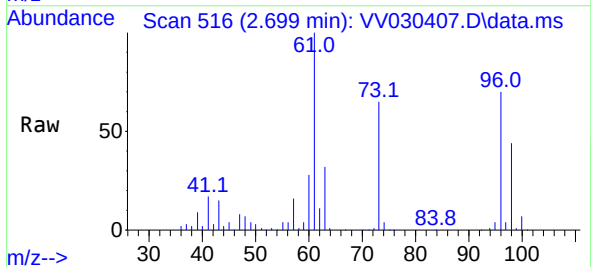
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

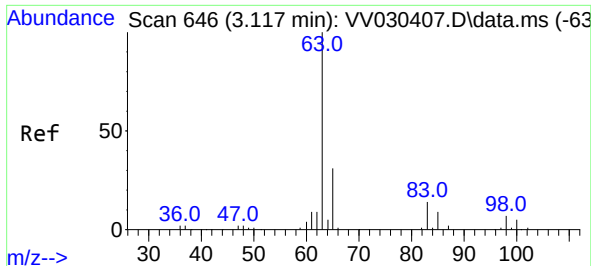
Tgt Ion: 73 Resp: 111783
Ion Ratio Lower Upper
73 100
43 22.2 17.4 26.2
57 23.2 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.389 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

Tgt Ion: 96 Resp: 55021
Ion Ratio Lower Upper
96 100
61 143.6 101.7 188.9
98 63.1 45.8 85.2





#19

1,1-Dichloroethane

Concen: 4.486 ug/L

RT: 3.117 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV030407.D

Acq: 06 Apr 2023 09:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD005322

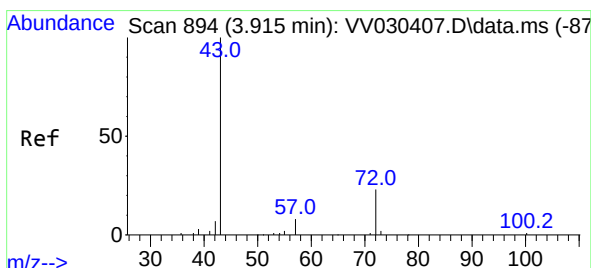
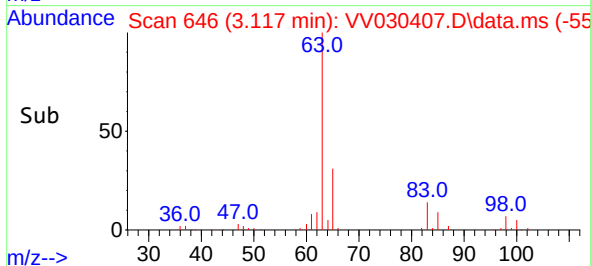
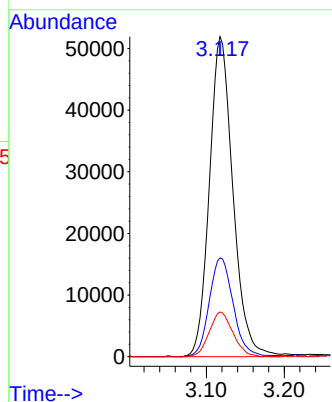
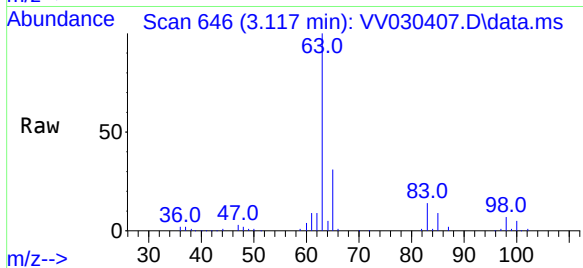
Tgt Ion: 63 Resp: 109024

Ion Ratio Lower Upper

63 100

65 30.9 21.7 40.3

83 14.0 9.1 16.9



#21

2-Butanone

Concen: 41.873 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.019 min

Lab File: VV030407.D

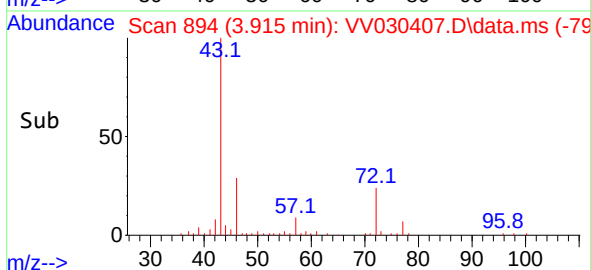
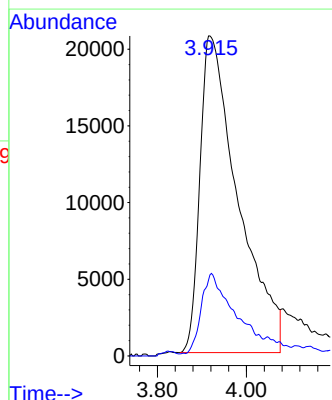
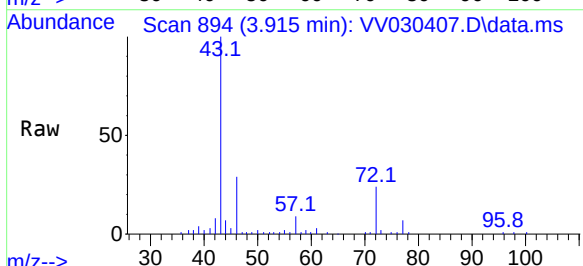
Acq: 06 Apr 2023 09:52

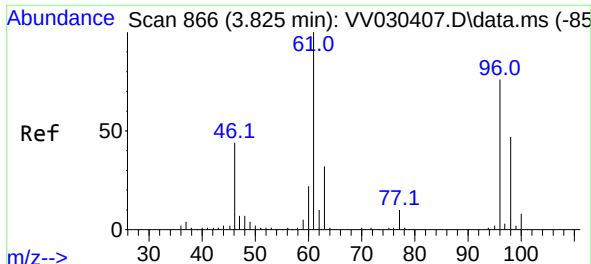
Tgt Ion: 43 Resp: 122867

Ion Ratio Lower Upper

43 100

72 22.1 11.2 33.5



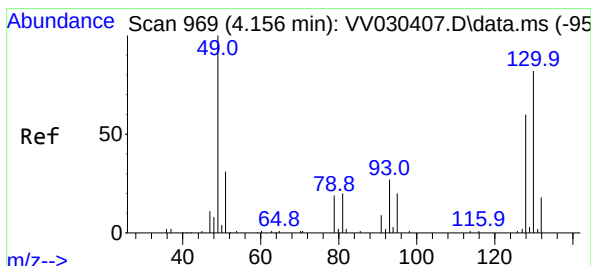
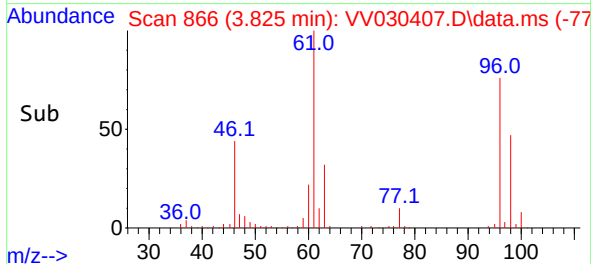
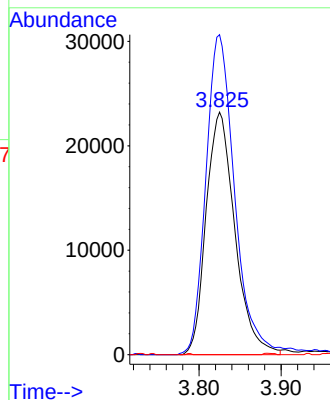
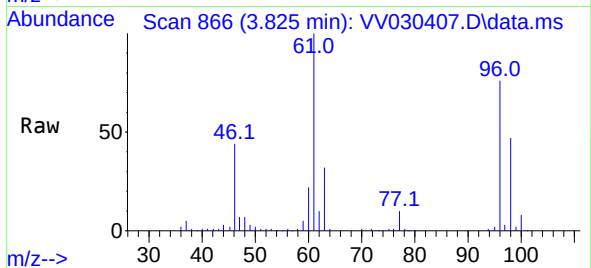


#22
 cis-1,2-Dichloroethene
 Concen: 4.510 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. -0.000 min
 Lab File: VV030407.D
 Acq: 06 Apr 2023 09:52

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005322

Tgt Ion: 96 Resp: 56745

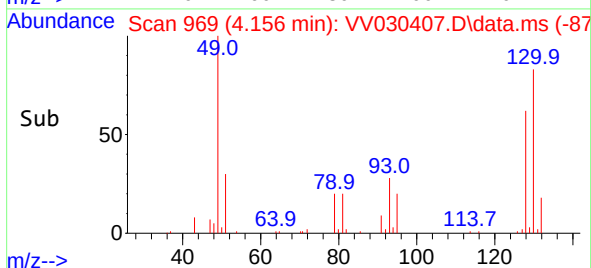
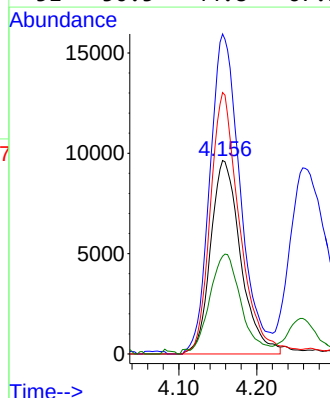
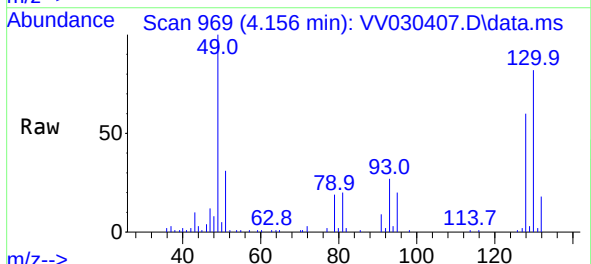
Ion	Ratio	Lower	Upper
96	100		
61	131.9	92.0	170.8
68	0.0	0.0	0.0

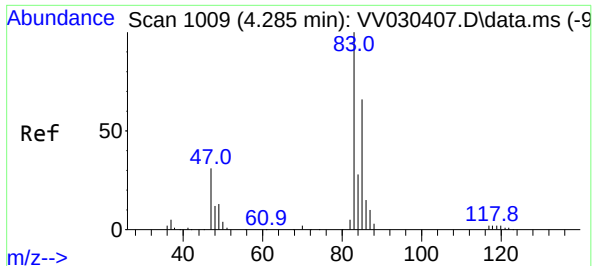


#23
 Bromochloromethane
 Concen: 4.383 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. -0.000 min
 Lab File: VV030407.D
 Acq: 06 Apr 2023 09:52

Tgt Ion: 128 Resp: 25752

Ion	Ratio	Lower	Upper
128	100		
49	165.5	119.4	221.8
130	135.2	89.2	165.8
51	50.5	44.8	67.2





#25

Chloroform

Concen: 4.555 ug/L

RT: 4.285 min Scan# 1009

Delta R.T. -0.000 min

Lab File: VV030407.D

Acq: 06 Apr 2023 09:52

Instrument :

MSVOA_V

ClientSampleId :

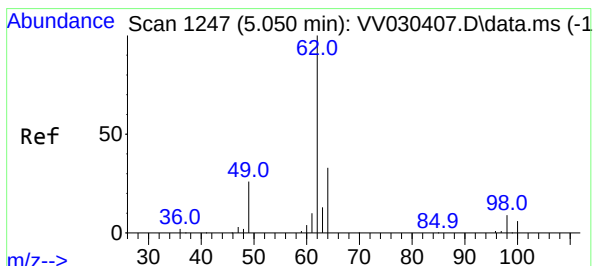
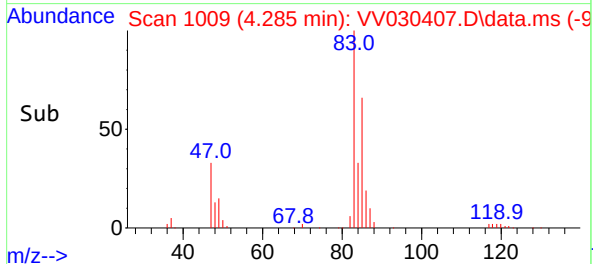
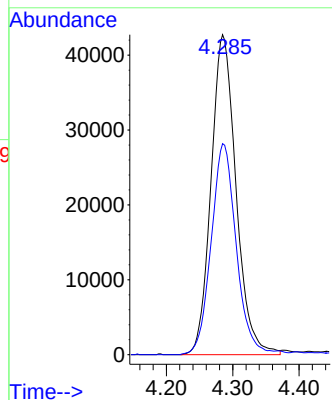
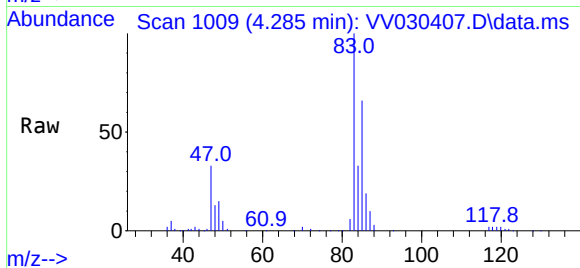
VSTD005322

Tgt Ion: 83 Resp: 111856

Ion Ratio Lower Upper

83 100

85 65.9 47.6 88.4



#27

1,2-Dichloroethane

Concen: 4.552 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.000 min

Lab File: VV030407.D

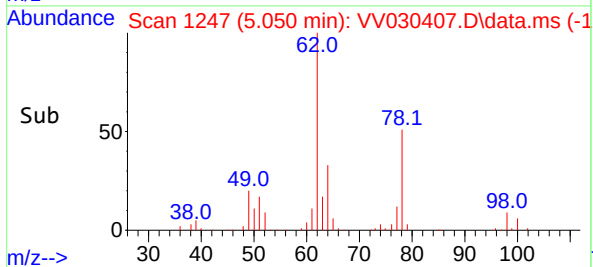
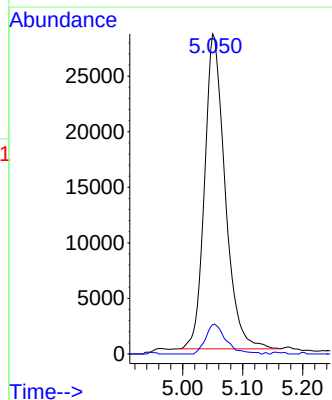
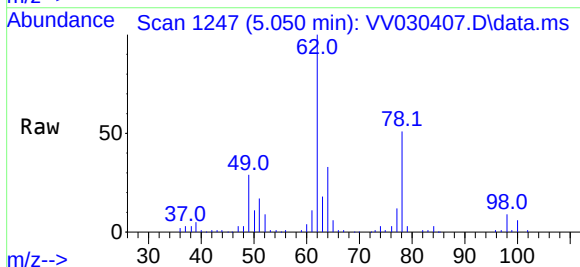
Acq: 06 Apr 2023 09:52

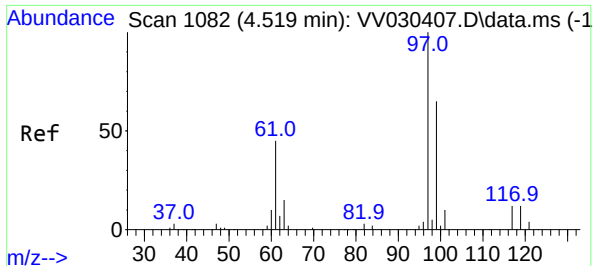
Tgt Ion: 62 Resp: 67590

Ion Ratio Lower Upper

62 100

98 9.2 7.8 11.8

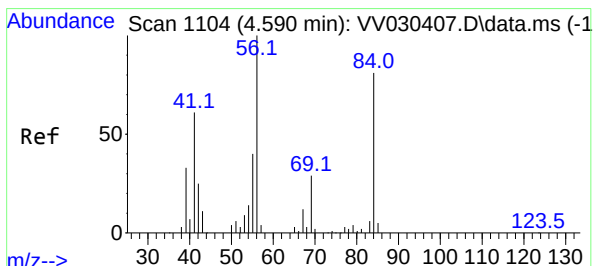
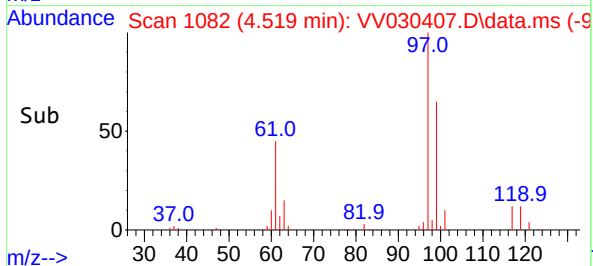
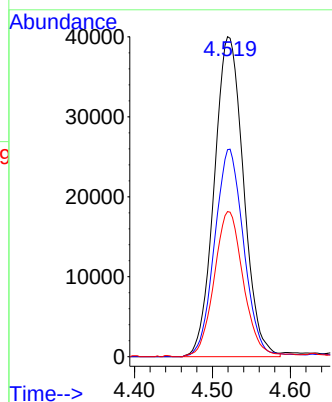
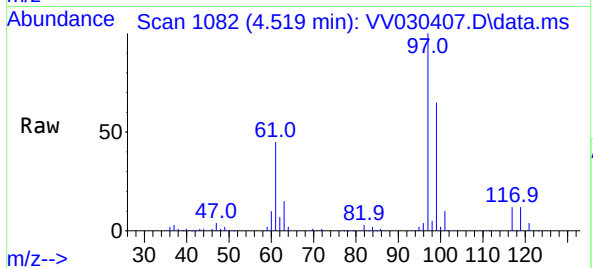




#29
1,1,1-Trichloroethane
Concen: 4.684 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. -0.003 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

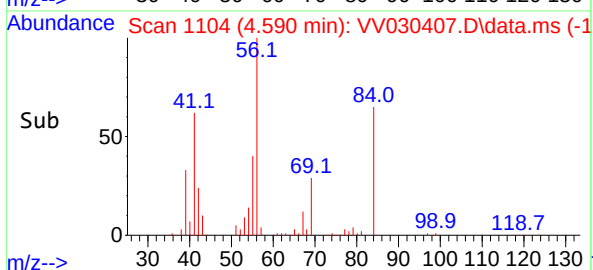
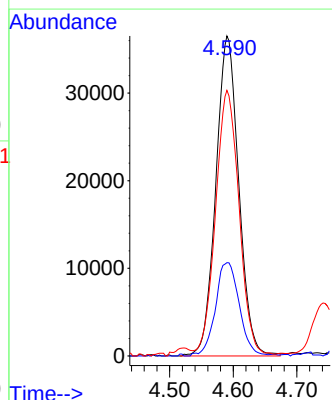
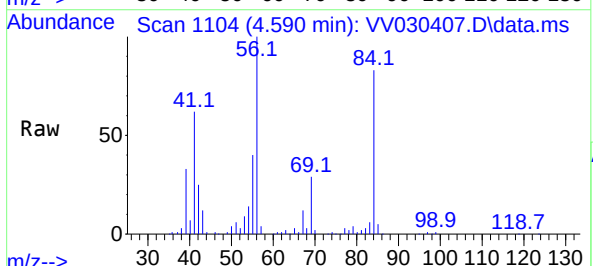
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

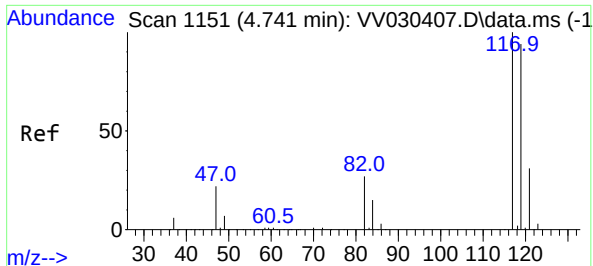
Tgt Ion: 97 Resp: 104329
Ion Ratio Lower Upper
97 100
99 65.0 50.9 76.3
61 45.2 35.9 53.9



#30
Cyclohexane
Concen: 4.507 ug/L
RT: 4.590 min Scan# 1104
Delta R.T. -0.003 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

Tgt Ion: 56 Resp: 91452
Ion Ratio Lower Upper
56 100
69 30.3 24.2 36.2
84 84.6 66.6 100.0

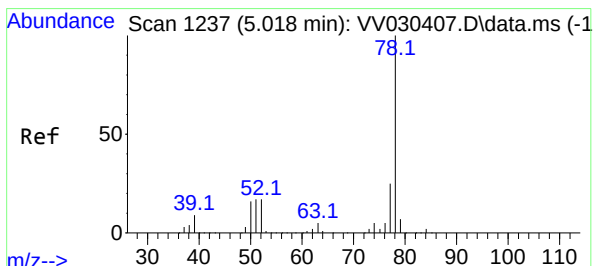
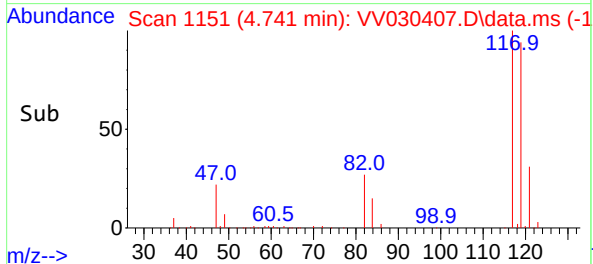
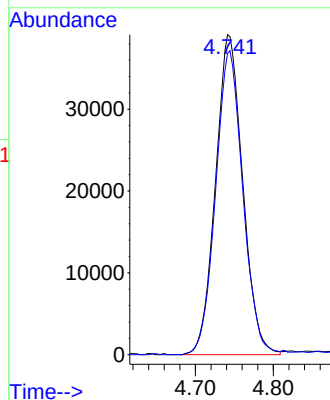
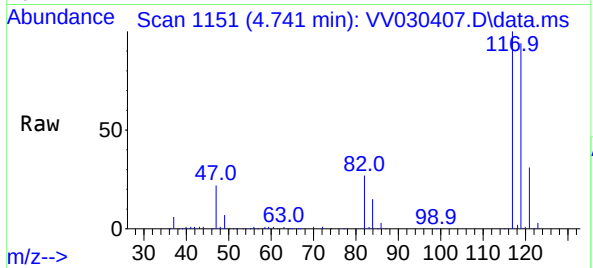




#31
Carbon tetrachloride
Concen: 4.690 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. -0.003 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

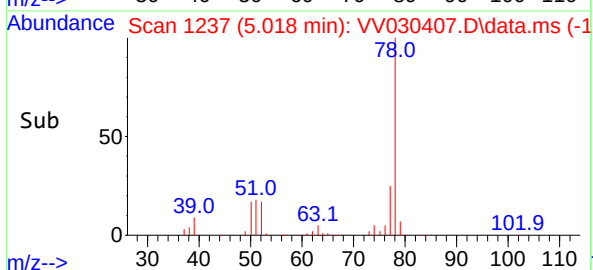
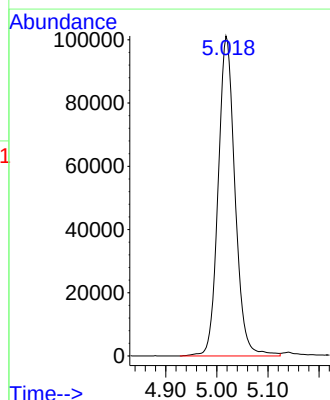
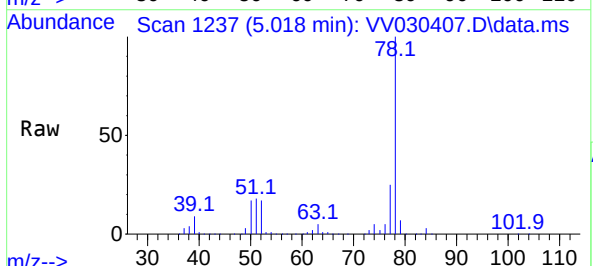
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

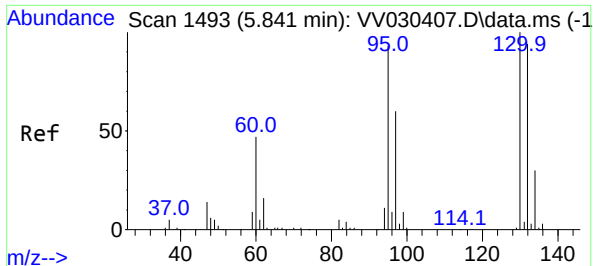
Tgt Ion:117 Resp: 94778
Ion Ratio Lower Upper
117 100
119 95.0 76.2 114.4



#33
Benzene
Concen: 4.709 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

Tgt Ion: 78 Resp: 231800





#34

Trichloroethene

Concen: 4.413 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VV030407.D

Acq: 06 Apr 2023 09:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD005322

Tgt Ion: 95 Resp: 58577

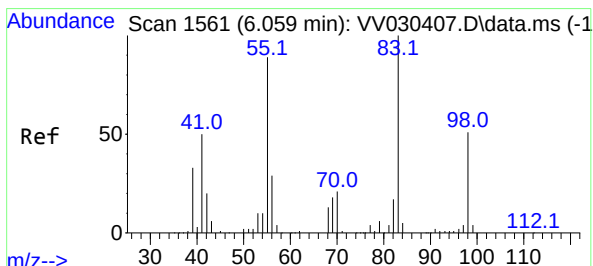
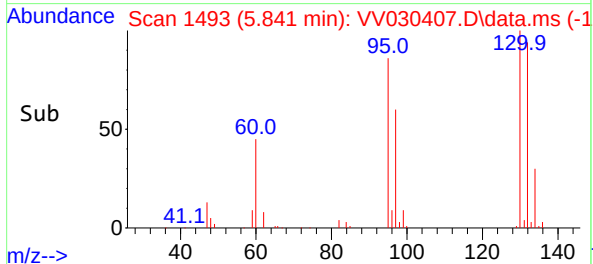
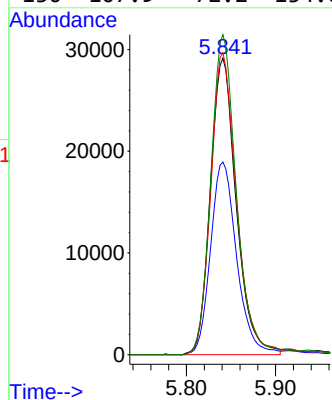
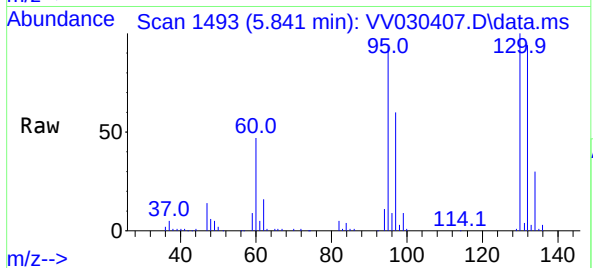
Ion Ratio Lower Upper

95 100

97 65.0 44.2 82.2

132 101.8 69.5 129.1

130 107.9 72.2 134.0



#35

Methylcyclohexane

Concen: 4.513 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.000 min

Lab File: VV030407.D

Acq: 06 Apr 2023 09:52

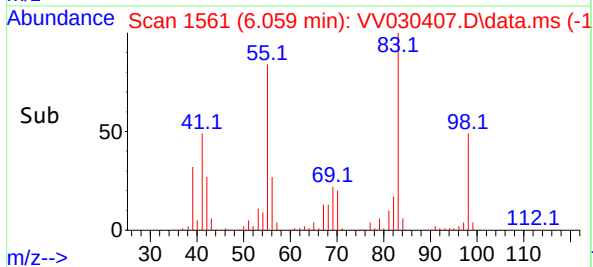
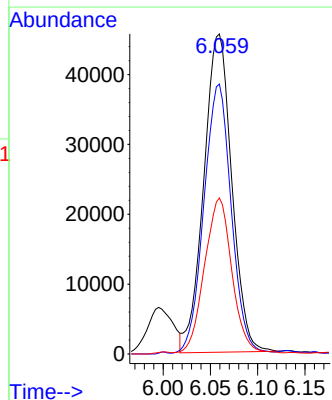
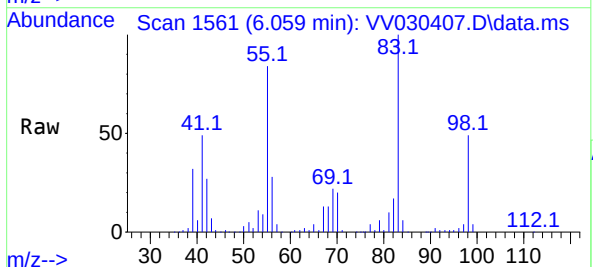
Tgt Ion: 83 Resp: 94039

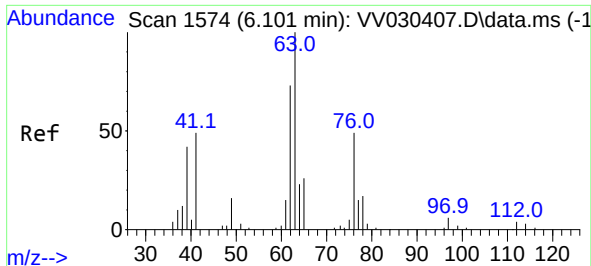
Ion Ratio Lower Upper

83 100

55 82.4 66.6 100.0

98 47.3 38.6 58.0

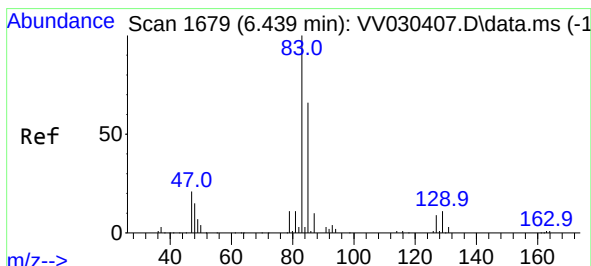
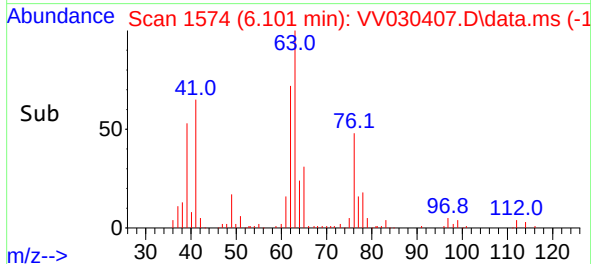
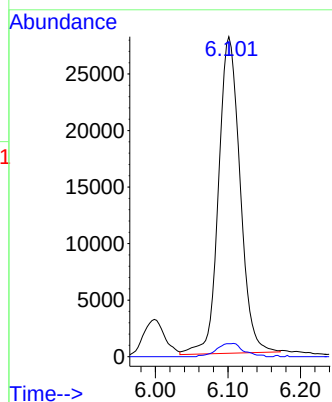
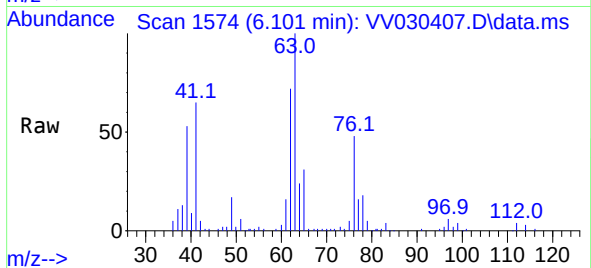




#37
1,2-Dichloropropane
Concen: 4.573 ug/L
RT: 6.101 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

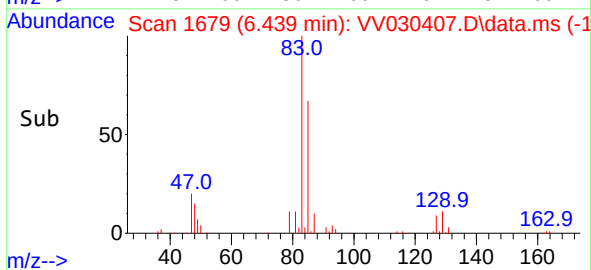
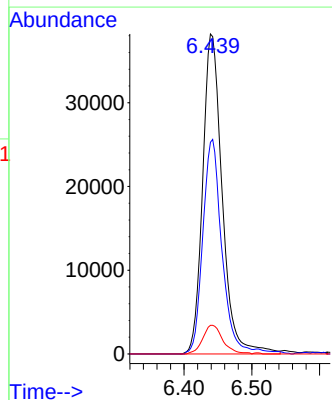
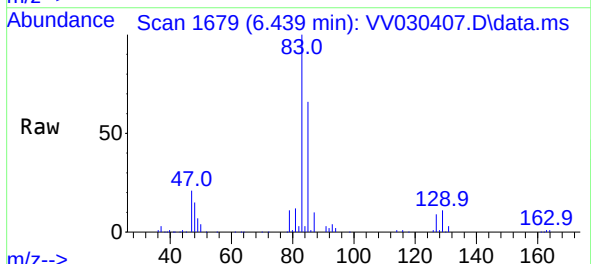
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

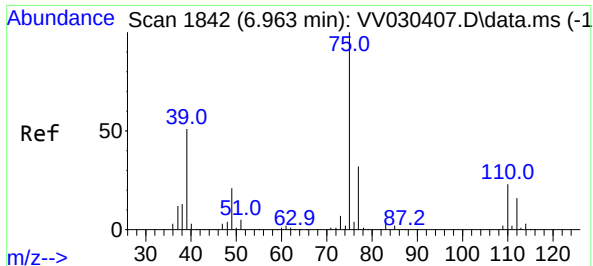
Tgt Ion: 63 Resp: 57778
Ion Ratio Lower Upper
63 100
112 5.3 3.9 5.9



#38
Bromodichloromethane
Concen: 4.637 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

Tgt Ion: 83 Resp: 76728
Ion Ratio Lower Upper
83 100
85 66.2 45.3 84.1
127 8.9 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 4.454 ug/L

RT: 6.963 min Scan# 1842

Delta R.T. 0.003 min

Lab File: VV030407.D

Acq: 06 Apr 2023 09:52

Instrument :

MSVOA_V

ClientSampleId :

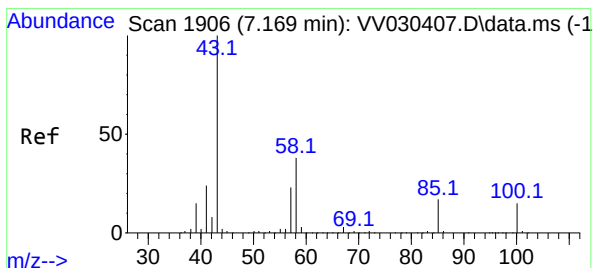
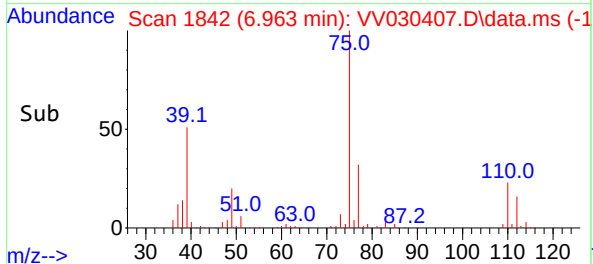
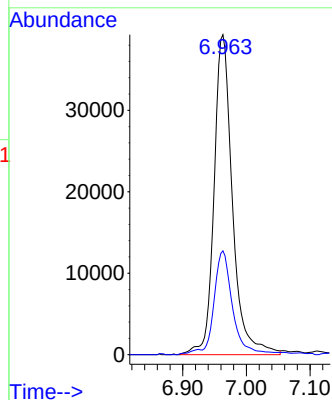
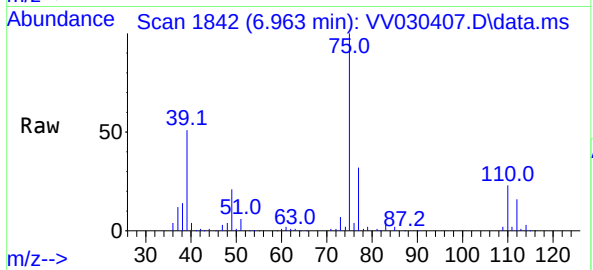
VSTD005322

Tgt Ion: 75 Resp: 79144

Ion Ratio Lower Upper

75 100

77 32.4 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 46.737 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.003 min

Lab File: VV030407.D

Acq: 06 Apr 2023 09:52

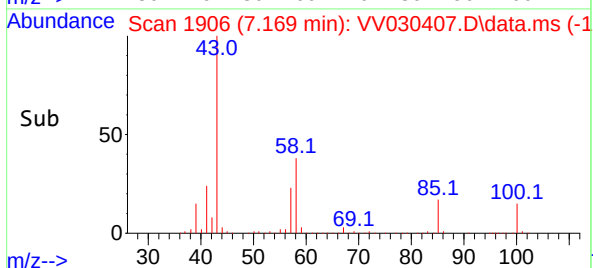
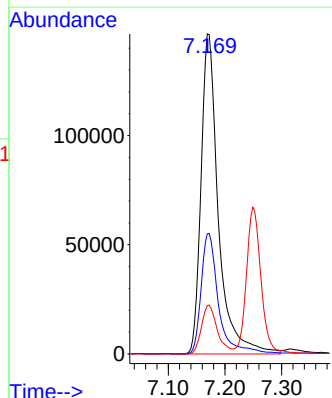
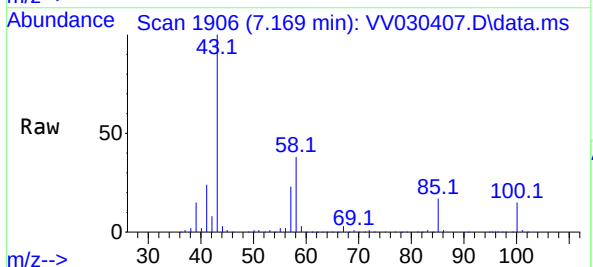
Tgt Ion: 43 Resp: 311191

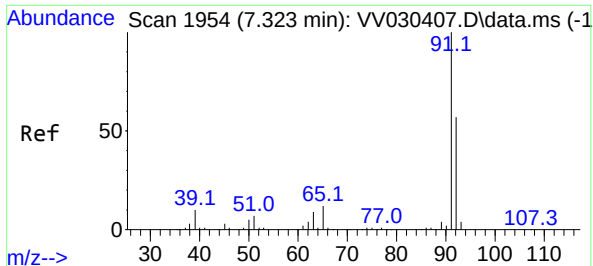
Ion Ratio Lower Upper

43 100

58 37.9 28.8 43.2

100 14.1 10.7 16.1

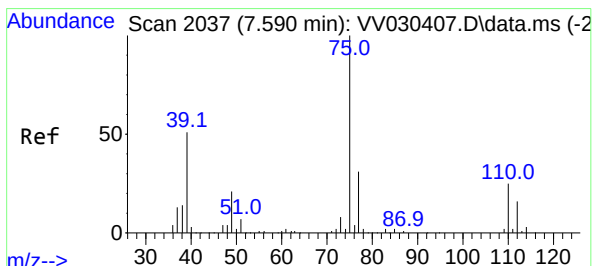
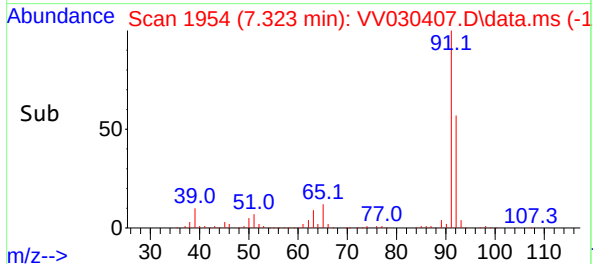
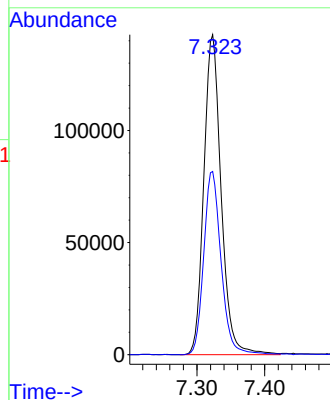
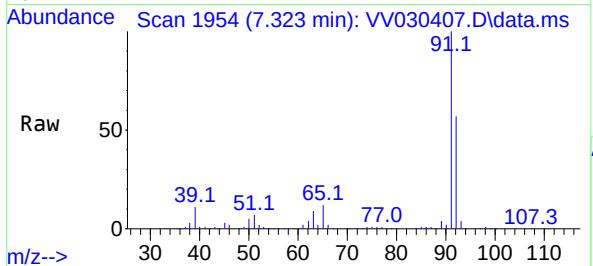




#42
Toluene
Concen: 4.833 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

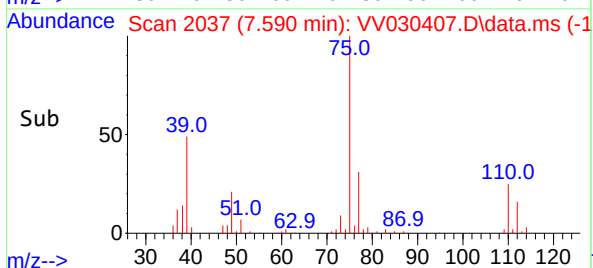
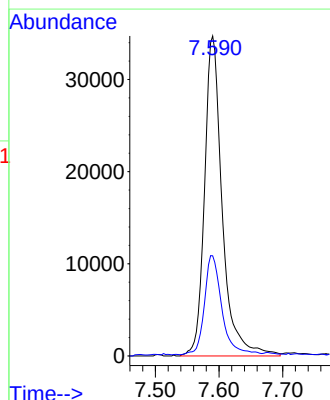
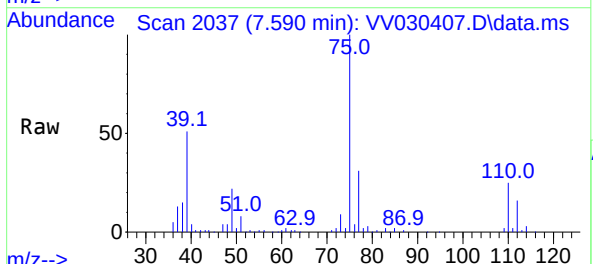
Instrument : MSVOA_V
ClientSampleId : VSTD005322

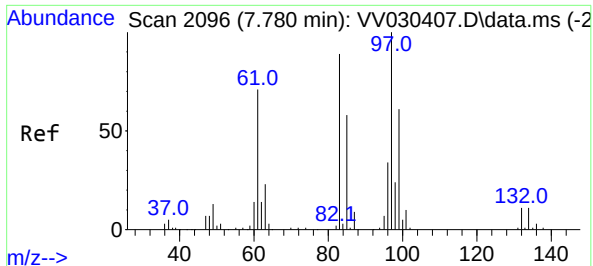
Tgt Ion: 91 Resp: 253351
Ion Ratio Lower Upper
91 100
92 57.2 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 4.453 ug/L
RT: 7.590 min Scan# 2037
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

Tgt Ion: 75 Resp: 67327
Ion Ratio Lower Upper
75 100
77 31.3 21.2 39.4



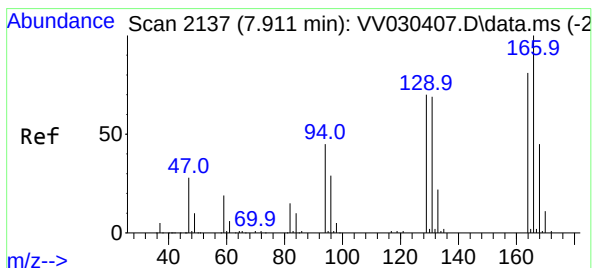
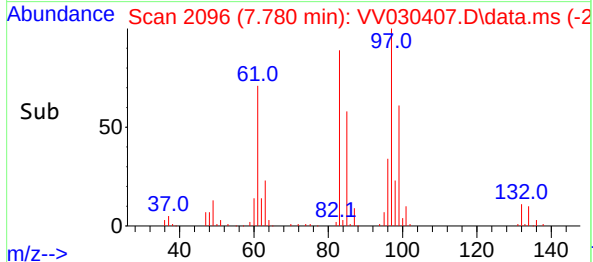
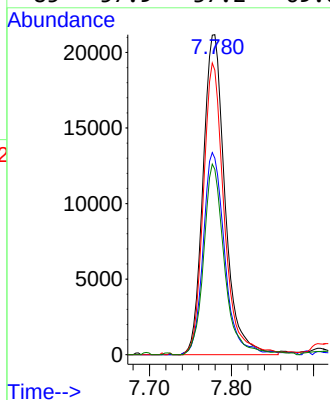
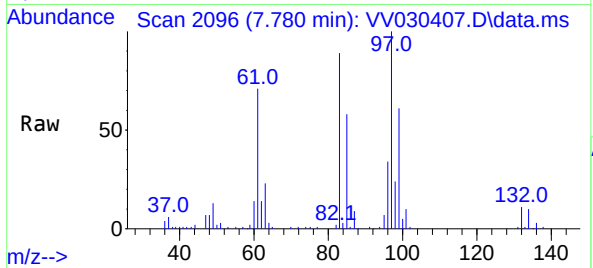


#45
1,1,2-Trichloroethane
Concen: 4.415 ug/L
RT: 7.780 min Scan# 2096
Delta R.T. 0.003 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

Tgt Ion: 97 Resp: 39277

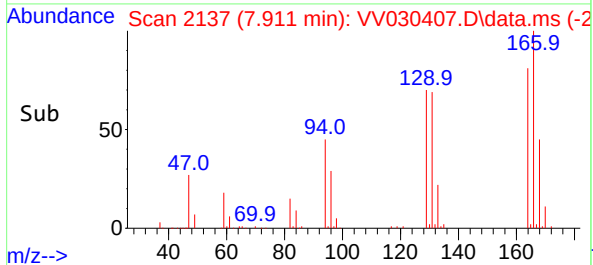
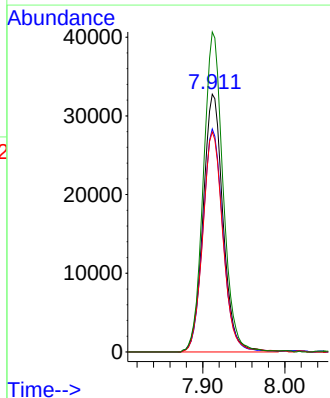
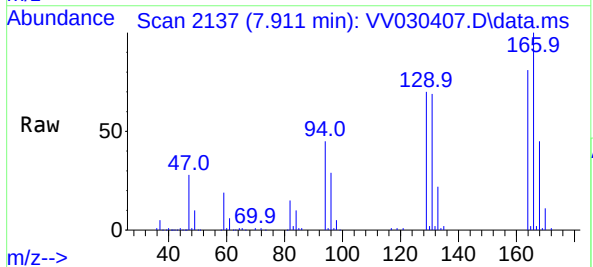
Ion	Ratio	Lower	Upper
97	100		
99	61.4	44.0	81.8
83	88.9	58.8	109.2
85	57.9	37.2	69.0

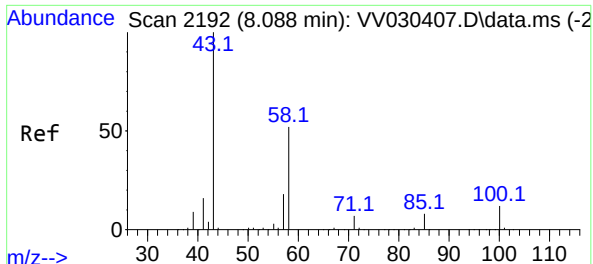


#47
Tetrachloroethene
Concen: 4.729 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

Tgt Ion: 164 Resp: 55401

Ion	Ratio	Lower	Upper
164	100		
129	86.5	60.8	112.8
131	85.3	61.7	114.7
166	124.1	85.6	159.0



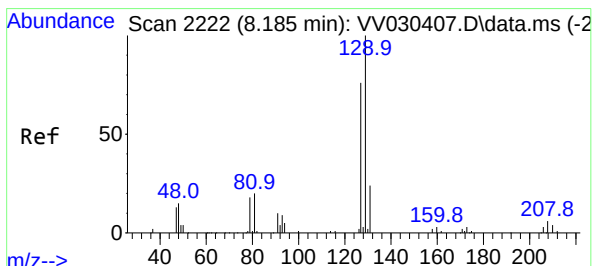
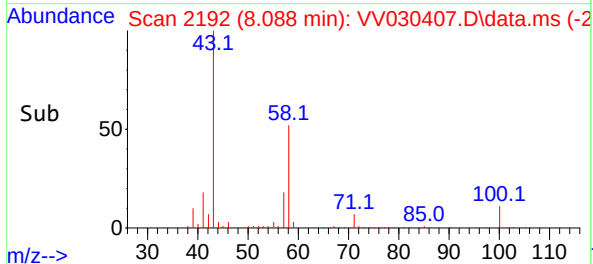
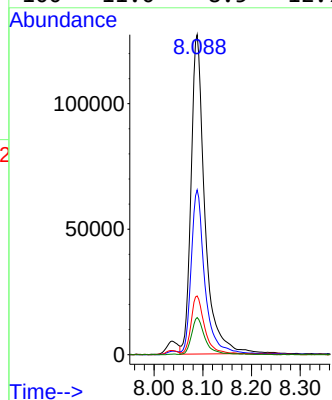
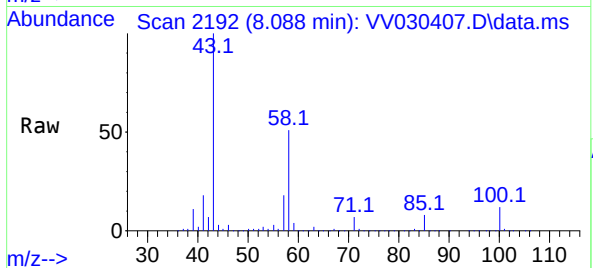


#48
2-Hexanone
Concen: 50.282 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.003 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

Tgt Ion: 43 Resp: 250741

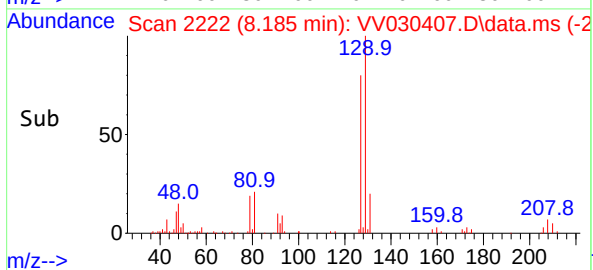
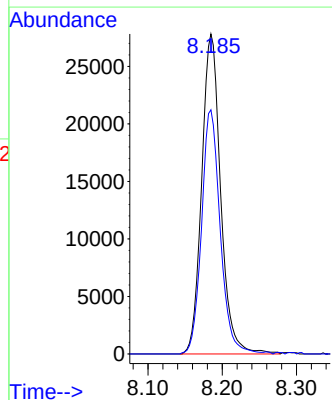
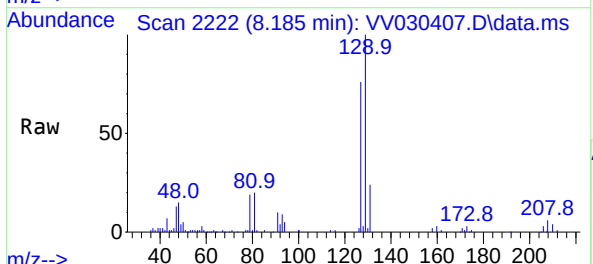
Ion	Ratio	Lower	Upper
43	100		
58	50.5	40.3	60.5
57	18.3	14.6	22.0
100	11.0	8.5	12.7

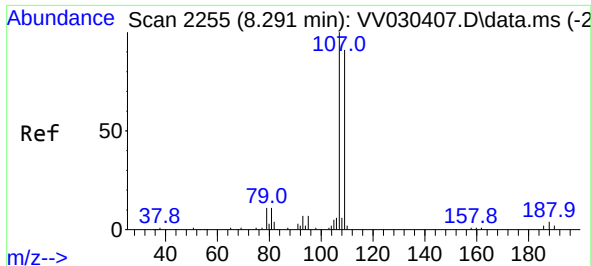


#49
Dibromochloromethane
Concen: 4.664 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

Tgt Ion: 129 Resp: 49394

Ion	Ratio	Lower	Upper
129	100		
127	76.3	52.7	97.9



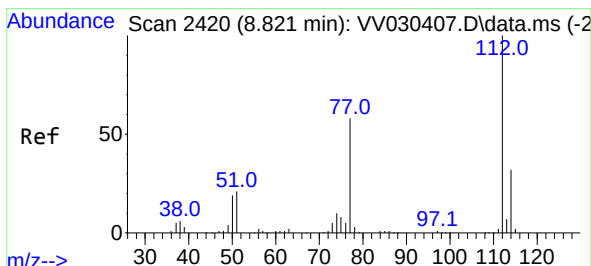
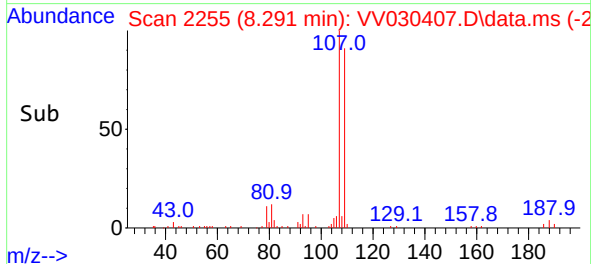
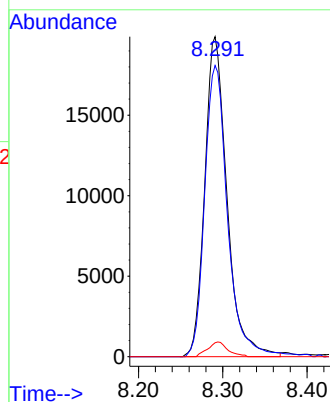
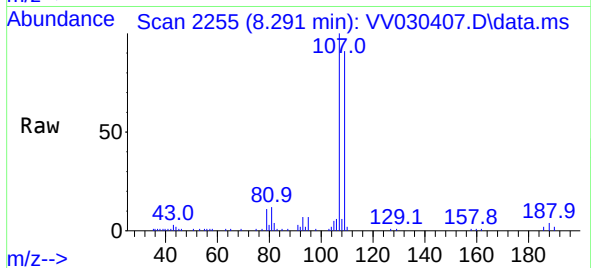


#50
1,2-Dibromoethane
Concen: 4.510 ug/L
RT: 8.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

Tgt Ion:107 Resp: 36502

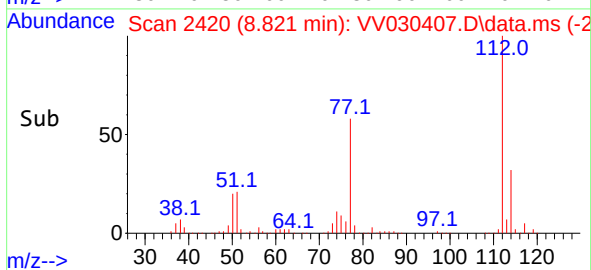
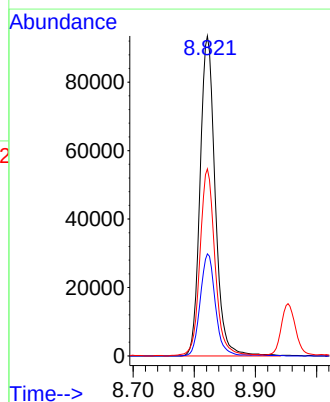
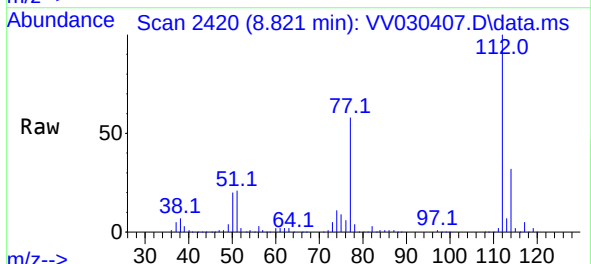
Ion	Ratio	Lower	Upper
107	100		
109	91.0	62.9	116.9
188	4.4	3.0	4.6

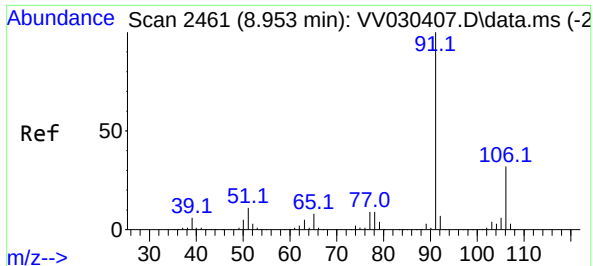


#51
Chlorobenzene
Concen: 4.777 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

Tgt Ion:112 Resp: 160353

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.4	41.6
77	58.5	45.9	68.9

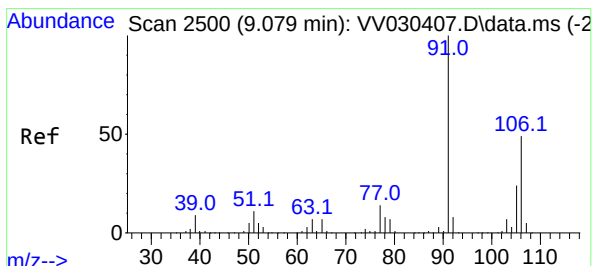
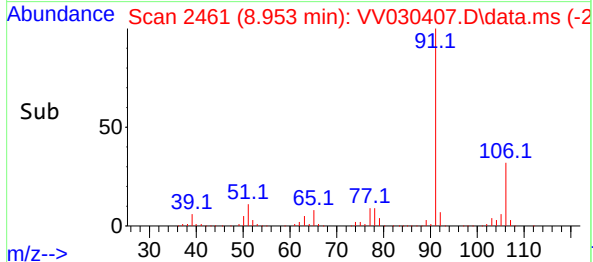
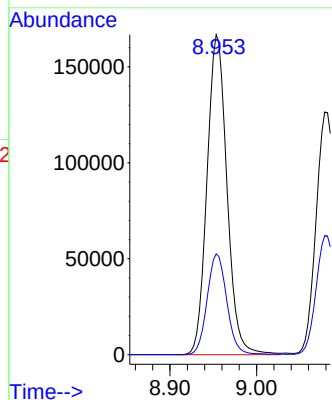
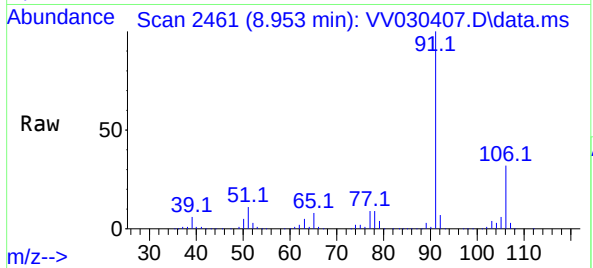




#52
Ethylbenzene
Concen: 4.653 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

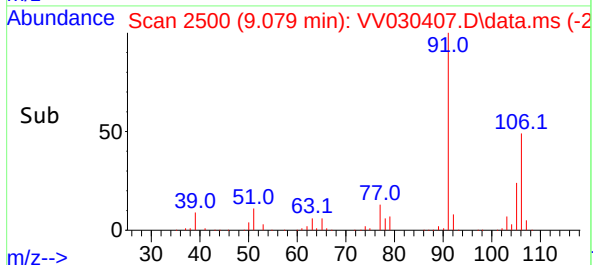
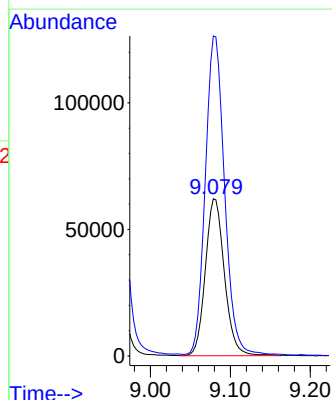
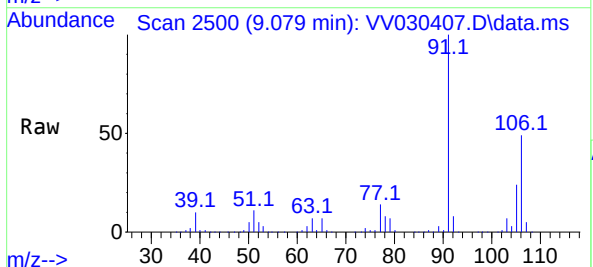
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

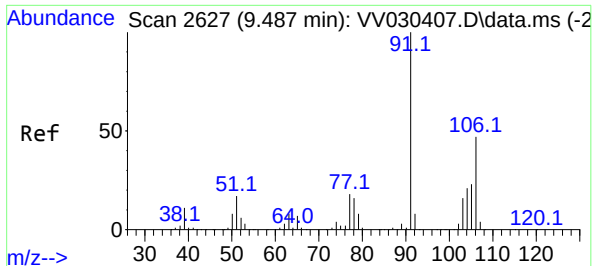
Tgt Ion: 91 Resp: 266865
Ion Ratio Lower Upper
91 100
106 31.5 22.2 41.2



#53
m,p-Xylene
Concen: 4.692 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

Tgt Ion: 106 Resp: 103021
Ion Ratio Lower Upper
106 100
91 203.8 142.4 264.4

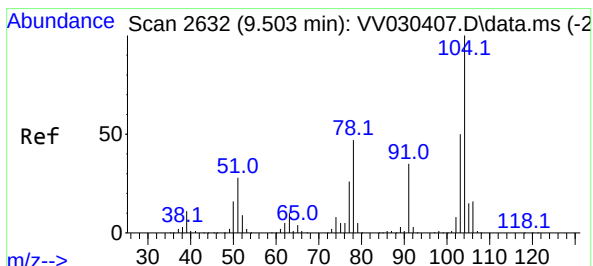
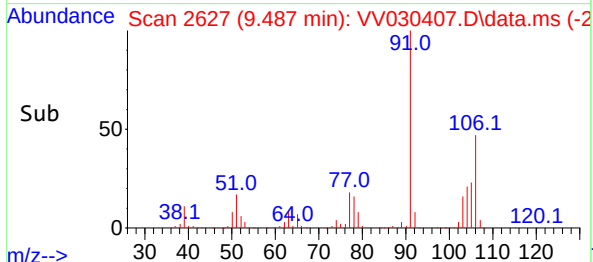
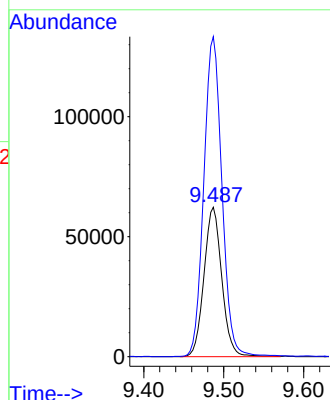
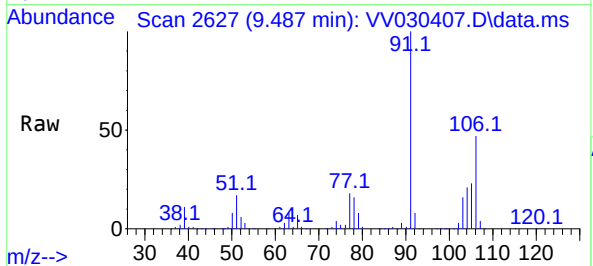




#54
o-Xylene
Concen: 4.603 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

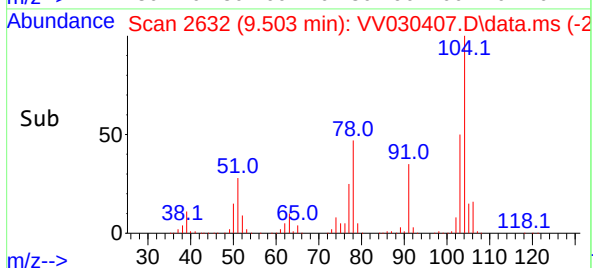
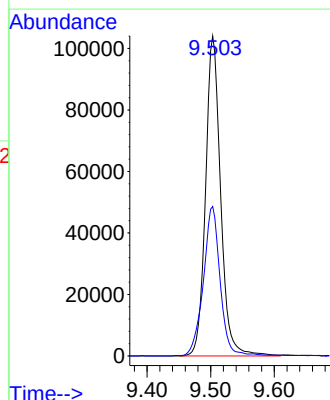
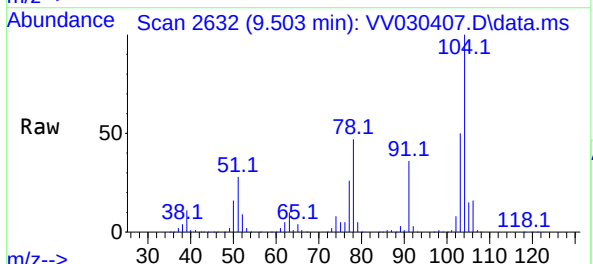
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

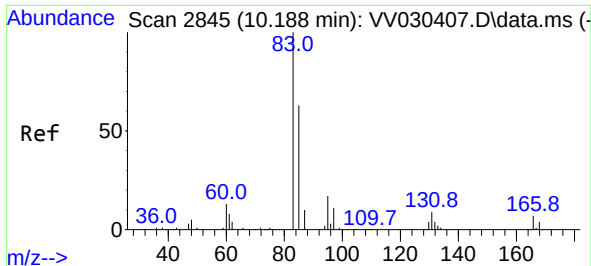
Tgt Ion:106 Resp: 96713
Ion Ratio Lower Upper
106 100
91 214.2 149.8 278.2



#55
Styrene
Concen: 4.812 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

Tgt Ion:104 Resp: 171715
Ion Ratio Lower Upper
104 100
78 46.7 31.9 59.2

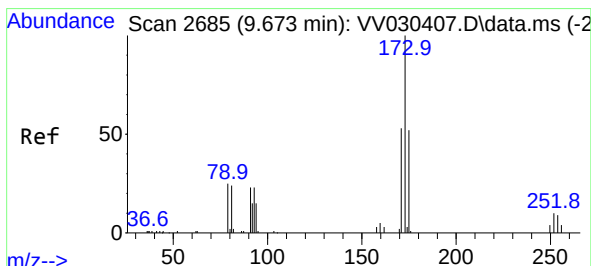
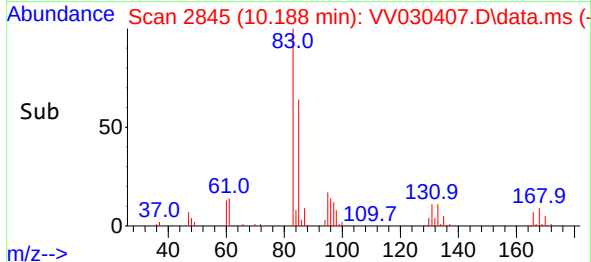
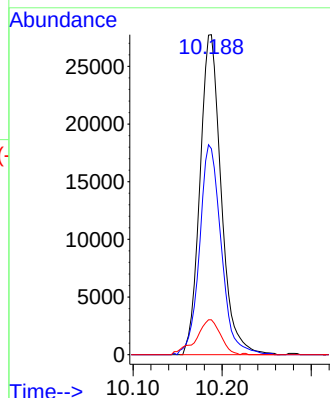
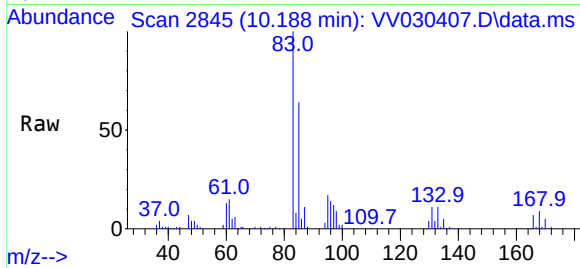




#57
1,1,2,2-Tetrachloroethane
Concen: 4.354 ug/L
RT: 10.188 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

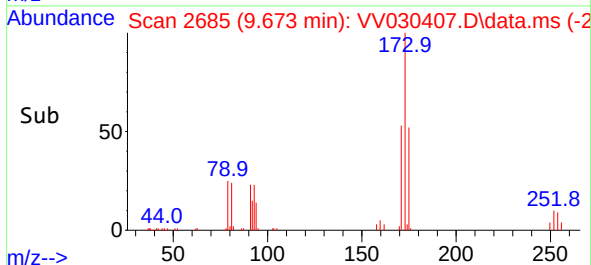
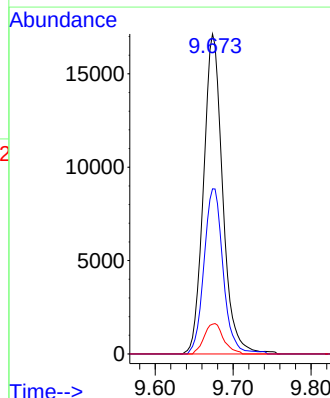
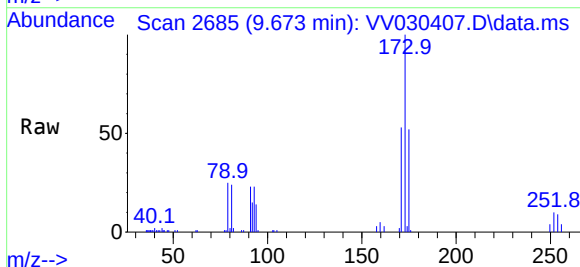
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

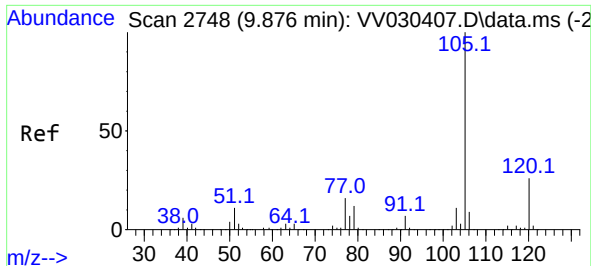
Tgt Ion:	83	Resp:	45984
Ion	Ratio	Lower	Upper
83	100		
85	64.3	45.3	84.1
131	10.9	8.2	12.4



#59
Bromoform
Concen: 4.469 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

Tgt Ion:	173	Resp:	29235
Ion	Ratio	Lower	Upper
173	100		
175	51.7	39.0	58.4
254	9.6	8.2	12.4

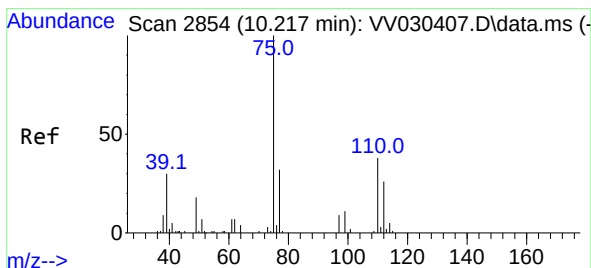
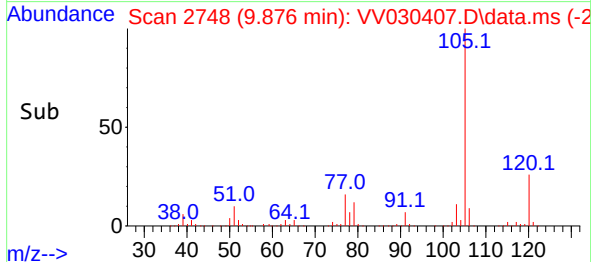
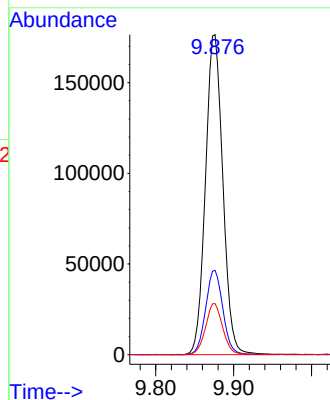
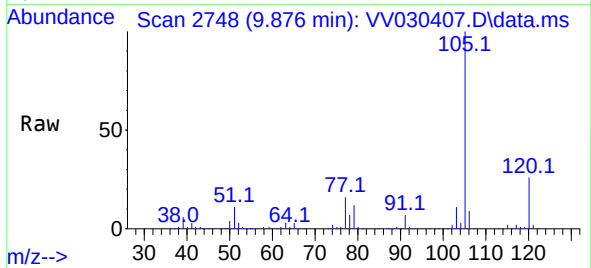




#60
Isopropylbenzene
Concen: 4.581 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

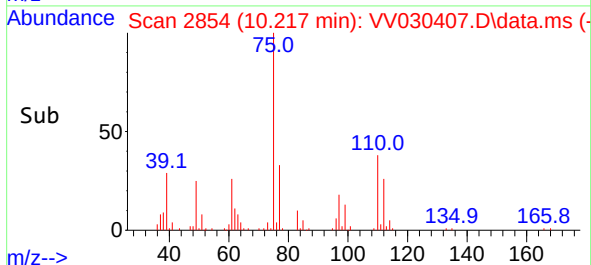
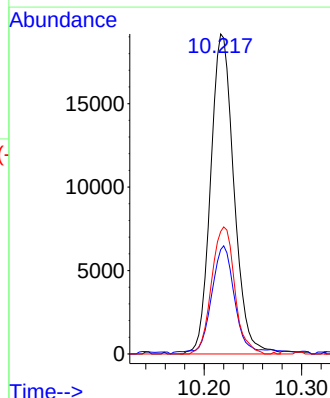
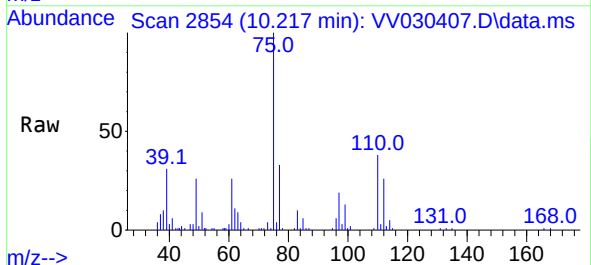
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

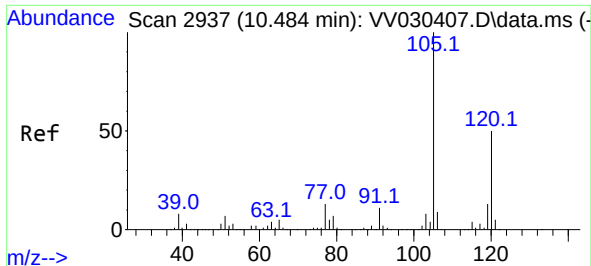
Tgt Ion:105 Resp: 273443
Ion Ratio Lower Upper
105 100
120 26.2 21.1 31.7
77 15.9 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 4.410 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

Tgt Ion: 75 Resp: 31910
Ion Ratio Lower Upper
75 100
77 33.7 26.0 39.0
110 39.2 31.6 47.4

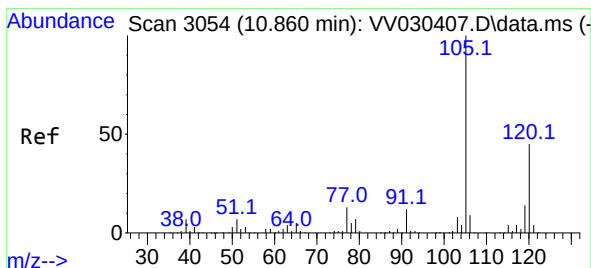
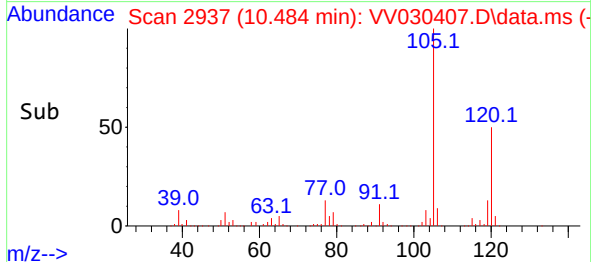
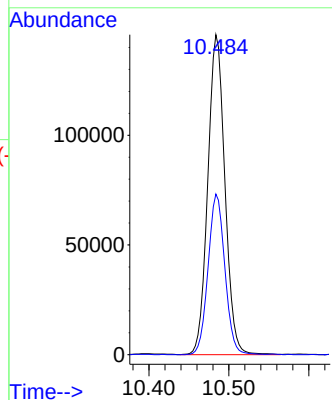
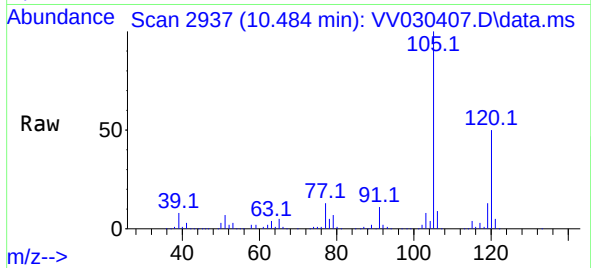




#62
1,3,5-Trimethylbenzene
Concen: 4.470 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

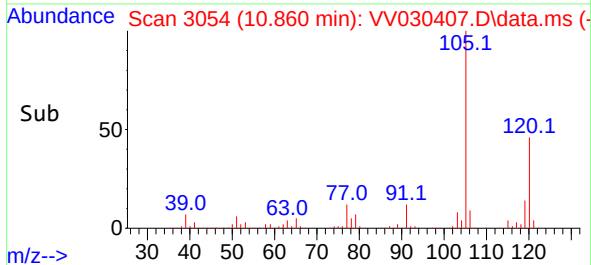
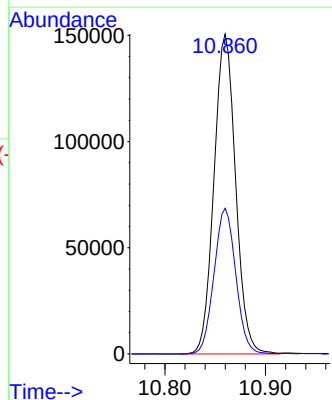
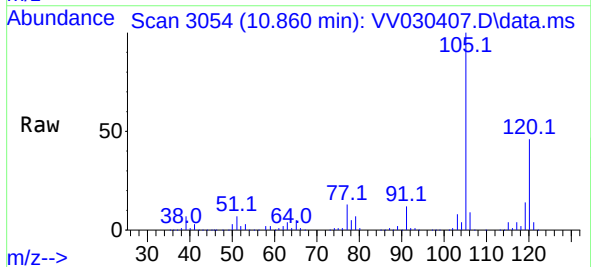
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

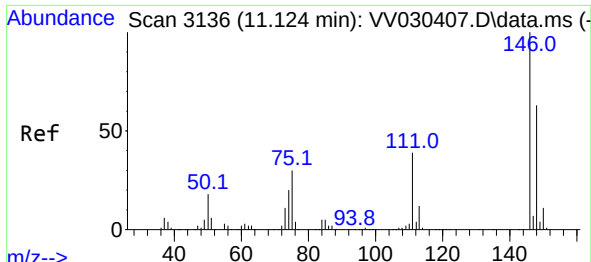
Tgt Ion:105 Resp: 217721
Ion Ratio Lower Upper
105 100
120 49.2 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 4.535 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

Tgt Ion:105 Resp: 225108
Ion Ratio Lower Upper
105 100
120 45.9 36.8 55.2

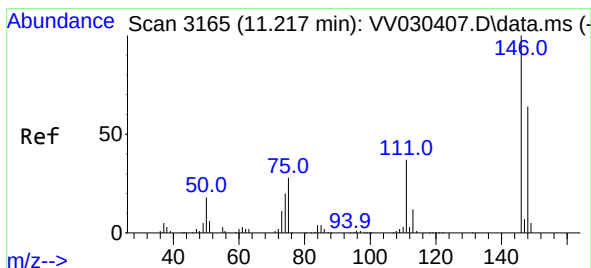
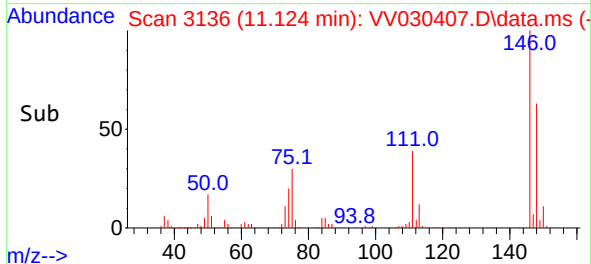
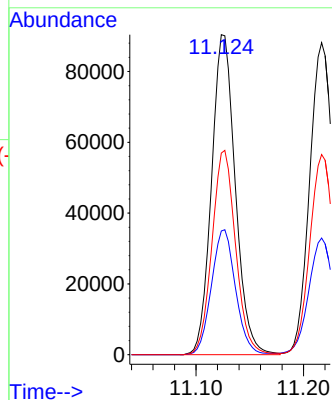
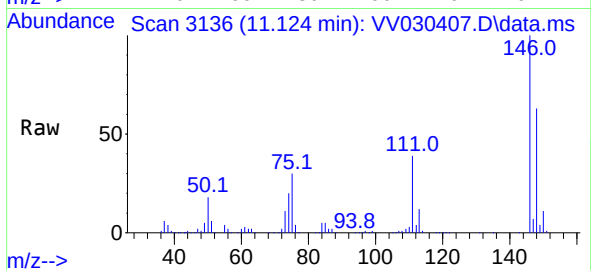




#64
1,3-Dichlorobenzene
Concen: 4.671 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

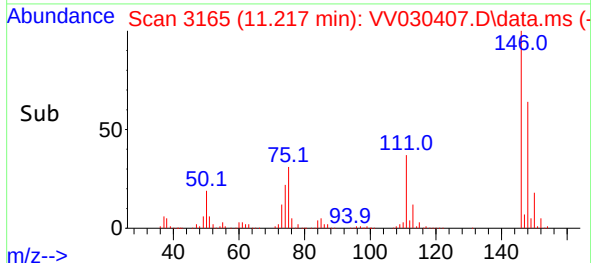
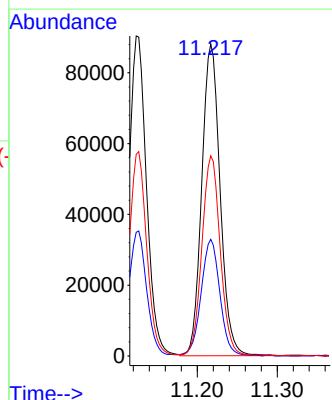
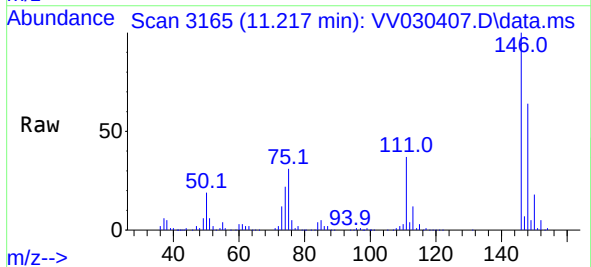
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

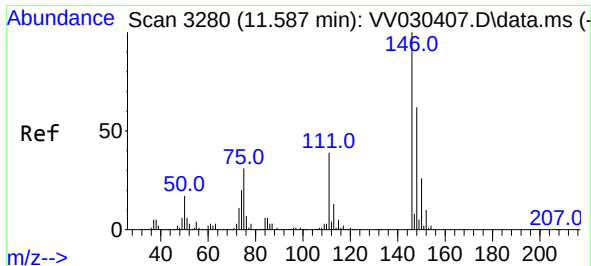
Tgt Ion:146 Resp: 139032
Ion Ratio Lower Upper
146 100
111 38.7 27.0 50.2
148 63.0 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 4.695 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

Tgt Ion:146 Resp: 140783
Ion Ratio Lower Upper
146 100
111 37.4 26.0 48.4
148 64.2 45.2 84.0

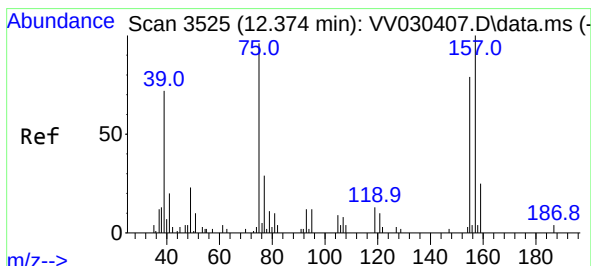
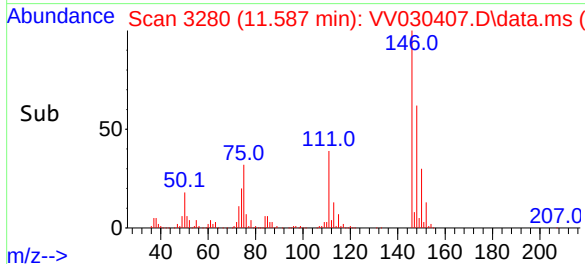
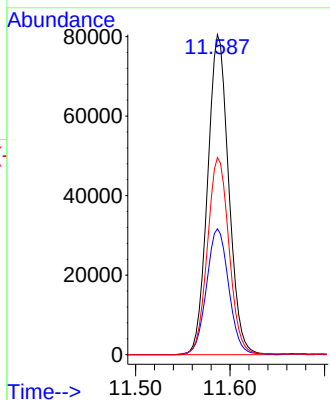
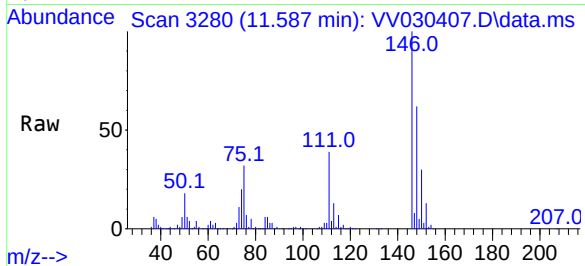




#67
1,2-Dichlorobenzene
Concen: 4.642 ug/L
RT: 11.587 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

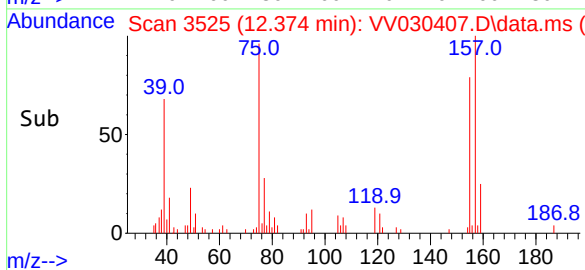
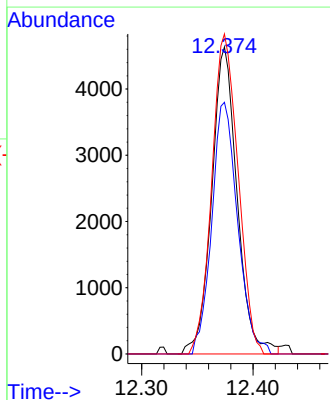
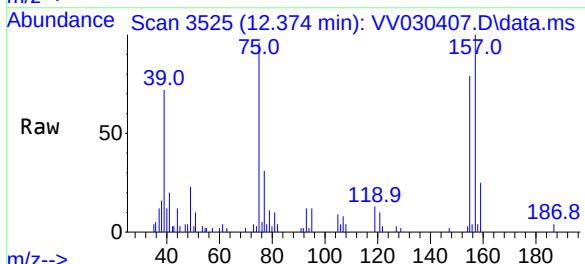
Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

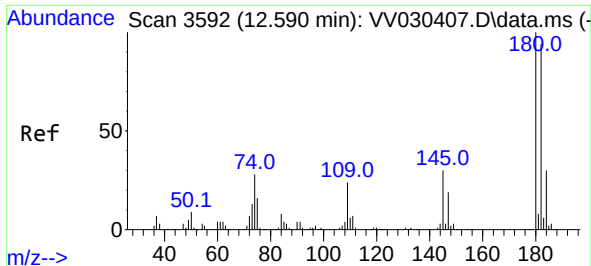
Tgt Ion:146 Resp: 124499
Ion Ratio Lower Upper
146 100
111 39.4 33.1 49.7
148 61.6 52.2 78.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.089 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.003 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

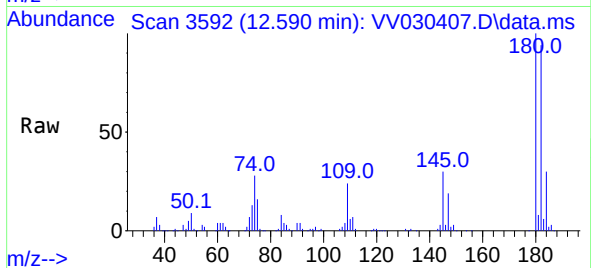
Tgt Ion: 75 Resp: 7360
Ion Ratio Lower Upper
75 100
155 81.9 64.6 96.8
157 104.2 83.8 125.6



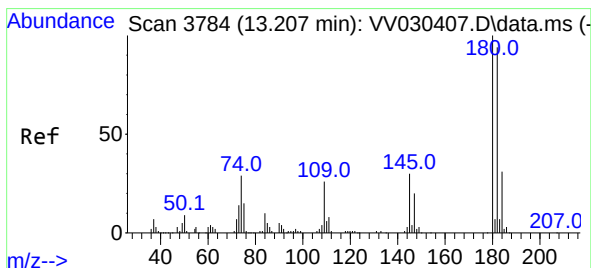
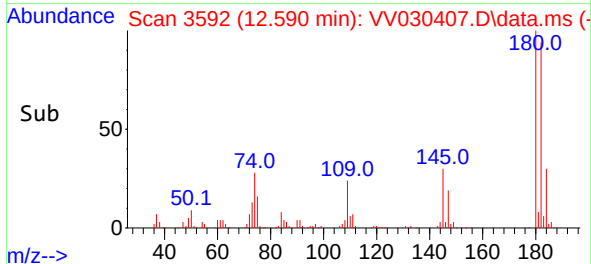
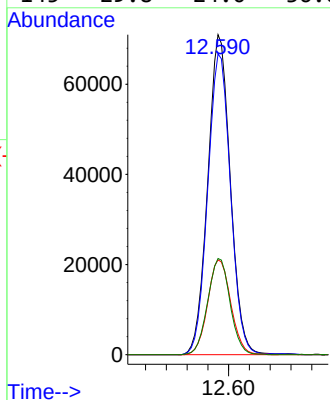


#69
1,3,5-Trichlorobenzene
Concen: 4.665 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

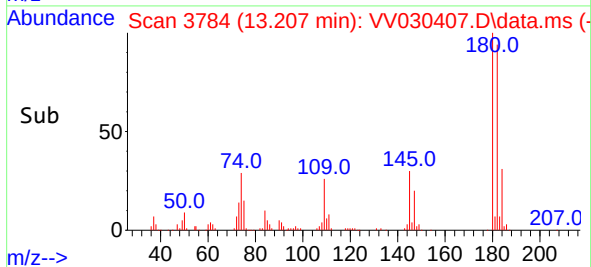
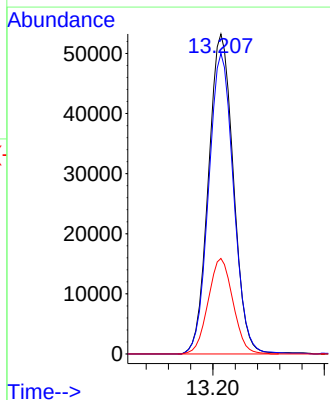
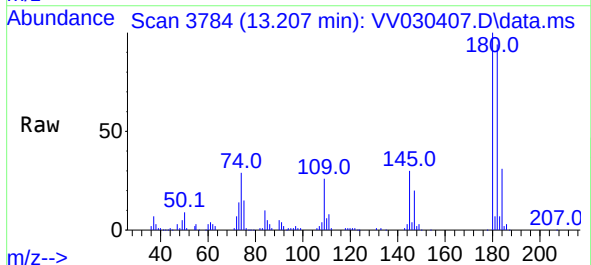


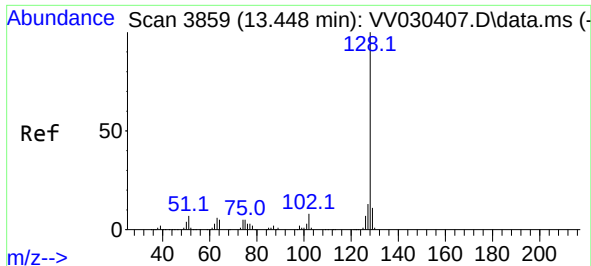
Tgt Ion:180 Resp: 106898
Ion Ratio Lower Upper
180 100
182 94.9 76.5 114.7
184 30.3 24.0 36.0
145 29.8 24.0 36.0



#70
1,2,4-trichlorobenzene
Concen: 4.661 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

Tgt Ion:180 Resp: 82475
Ion Ratio Lower Upper
180 100
182 94.2 75.3 112.9
145 29.7 23.8 35.6

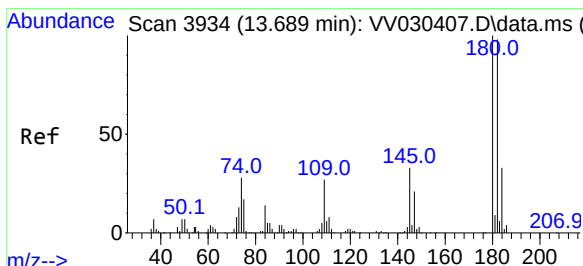
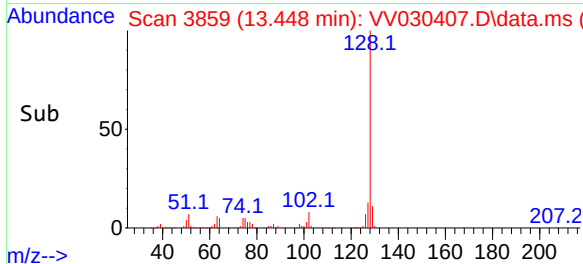
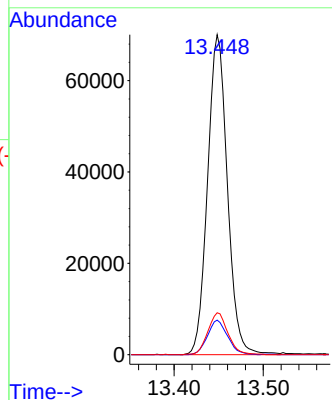
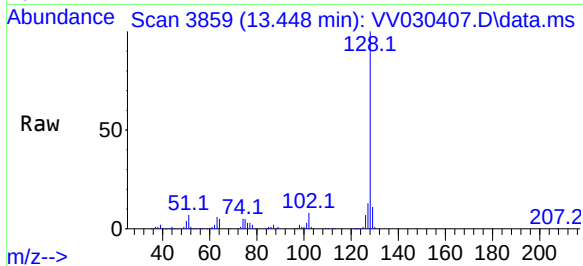




#71
Naphthalene
Concen: 4.276 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

Instrument :
MSVOA_V
ClientSampleId :
VSTD005322

Tgt Ion:128 Resp: 108053
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.3 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 4.428 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030407.D
Acq: 06 Apr 2023 09:52

Tgt Ion:180 Resp: 67868
Ion Ratio Lower Upper
180 100
182 98.3 76.6 115.0
145 32.6 25.0 37.4

