

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112421\
 Data File : VW023708.D
 Acq On : 24 Nov 2021 18:15
 Operator : SY/MD
 Sample : M4821-10MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4657MSD

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/26/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 26 01:55:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 01:51:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	134699	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	133671	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73454	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39545	3.576	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.568	69	34304	3.947	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.111	63	78044	4.005	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	3.908	46	59879	45.045	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.100%
24) Chloroform-d	4.349	84	83193	4.321	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.034	65	40651	4.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.053	84	154865	4.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.069	67	45360	4.443	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.317	98	146227	4.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.622	79	18281	4.443	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.092	63	76847	56.210	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.420%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35431	4.823	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	57877	4.457	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	64130	5.018	ug/L	98
3) Chloromethane	1.240	50	52698	4.743	ug/L	96
5) Vinyl chloride	1.311	62	57770	4.951	ug/L	98
6) Bromomethane	1.523	94	25124	3.797	ug/L	95
8) Chloroethane	1.584	64	36520	4.939	ug/L	97
9) Trichlorofluoromethane	1.754	101	95473	5.022	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	47512	4.987	ug/L	98
12) 1,1-Dichloroethene	2.121	96	44564	4.938	ug/L	95
13) Acetone	2.208	43	49594m	41.461	ug/L	
14) Carbon disulfide	2.294	76	150565	4.963	ug/L	99
15) Methyl Acetate	2.449	43	13930	5.131	ug/L	95
16) Methylene chloride	2.510	84	50314	3.907	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	6410485	346.612	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	52438	5.101	ug/L	94
19) 1,1-Dichloroethane	3.188	63	87902	5.086	ug/L	99
21) 2-Butanone	3.998	43	57010	37.656	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	65433	6.638	ug/L	99
23) Bromochloromethane	4.253	128	23456	5.070	ug/L	90
25) Chloroform	4.375	83	93284	4.844	ug/L	97

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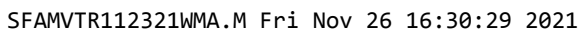
Reviewed By : John Carlone 11/26/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	53280	5.205	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	89746	5.138	ug/L	98
30) Cyclohexane	4.677	56	75233	5.161	ug/L	99
31) Carbon tetrachloride	4.828	117	81858	5.116	ug/L	100
33) Benzene	5.101	78	196904	5.167	ug/L	100
34) Trichloroethene	5.915	95	55557	5.442	ug/L	97
35) Methylcyclohexane	6.130	83	82974	5.214	ug/L	97
37) 1,2-Dichloropropane	6.175	63	45604	5.034	ug/L	99
38) Bromodichloromethane	6.510	83	63091	5.132	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	65544	5.084	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	233085	53.902	ug/L	98
42) Toluene	7.387	91	225918	5.467	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	58152	5.367	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	34038	5.427	ug/L	99
47) Tetrachloroethene	7.976	164	47667	5.130	ug/L	98
48) 2-Hexanone	8.143	43	170023	53.198	ug/L	99
49) Dibromochloromethane	8.246	129	45169	5.255	ug/L	98
50) 1,2-Dibromoethane	8.352	107	32279	5.278	ug/L	94
51) Chlorobenzene	8.883	112	142022	5.183	ug/L	98
52) Ethylbenzene	9.011	91	233011	5.394	ug/L	99
53) m,p-xylene	9.137	106	92530	5.382	ug/L	98
54) o-xylene	9.545	106	88486	5.412	ug/L	97
55) Styrene	9.561	104	154608	5.612	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	37163	5.325	ug/L	98
59) Bromoform	9.731	173	24286	5.006	ug/L	99
60) Isopropylbenzene	9.931	105	242595	5.531	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	26235	5.036	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	200465	5.493	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	201581	5.585	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	121706	5.427	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	118957	5.278	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	109226	5.322	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5482	5.299	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	93177	5.322	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	71083	5.233	ug/L	98
71) Naphthalene	13.503	128	98304	5.377	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	62909	5.344	ug/L	99

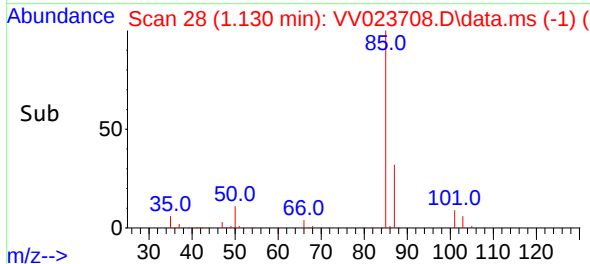
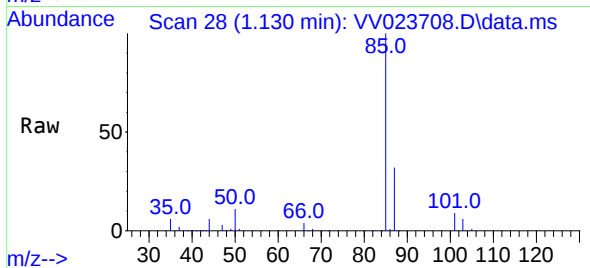
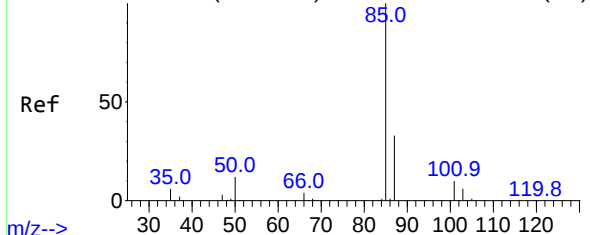
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Manual Integrations

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Abundance Scan 28 (1.130 min): VV023693.D\data.ms (-20)



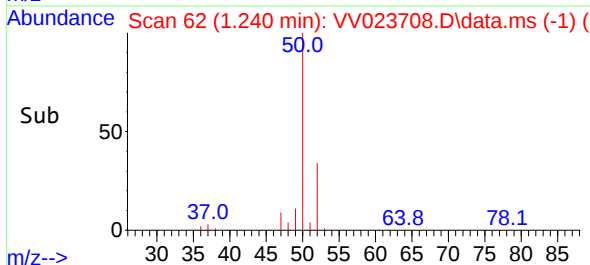
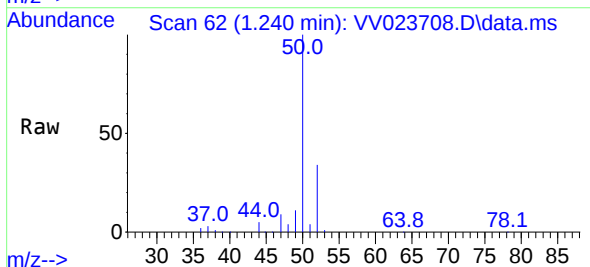
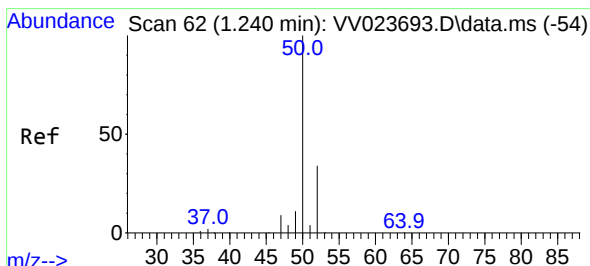
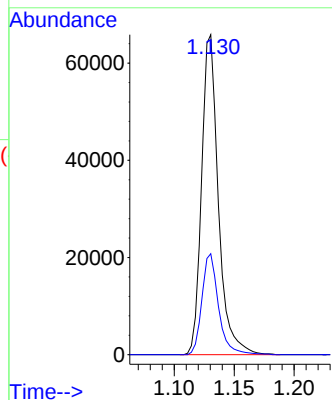
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Dichlorodifluoromethane
Concen: 5.018 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

Tgt Ion: 85 Resp: 64130
Ion Ratio Lower Upper
85 100
87 31.3 26.0 39.0

Instrument :
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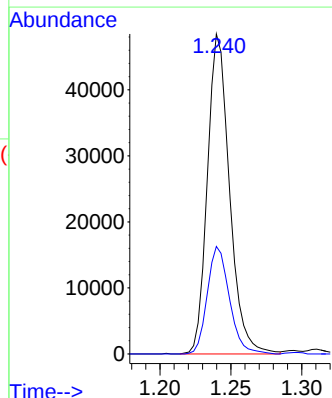
Manual Integrations
APPROVED

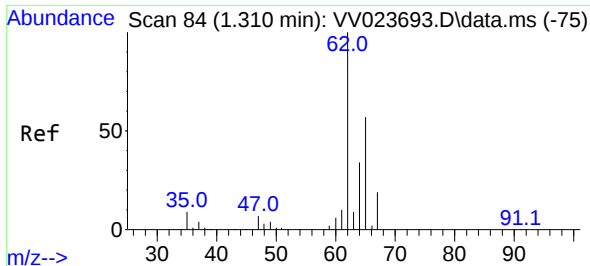
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#3
Chloromethane
Concen: 4.743 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

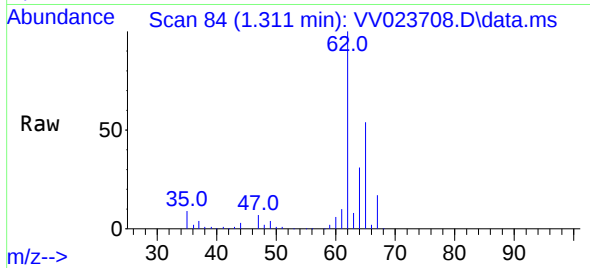
Tgt Ion: 50 Resp: 52698
Ion Ratio Lower Upper
50 100
52 33.6 22.0 41.0





#5
 Vinyl chloride
 Concen: 4.951 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023708.D
 Acq: 24 Nov 2021 18:15

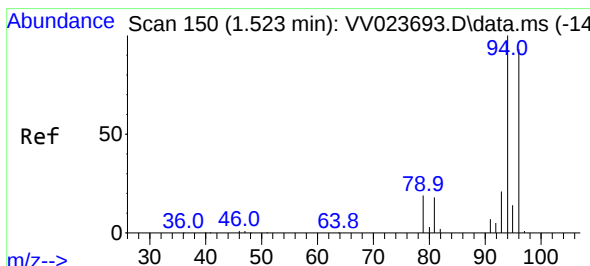
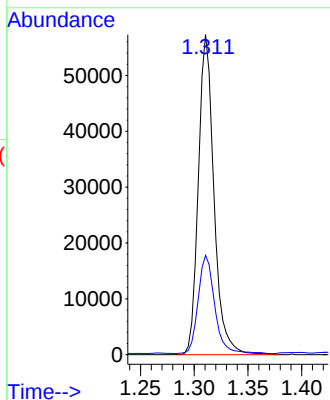
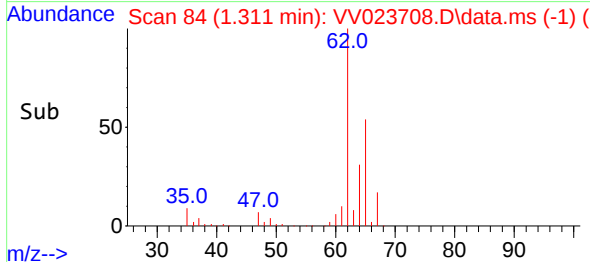
Instrument :
 MSVOA_V
 ClientSampleId :
 H4657MSD



Tgt Ion: 62 Resp: 57770
 Ion Ratio Lower Upper
 62 100
 64 31.1 22.4 41.6

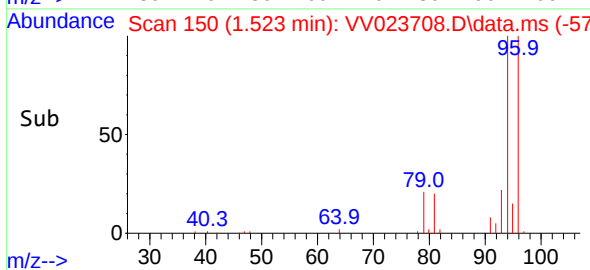
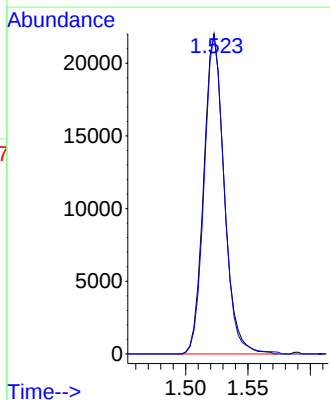
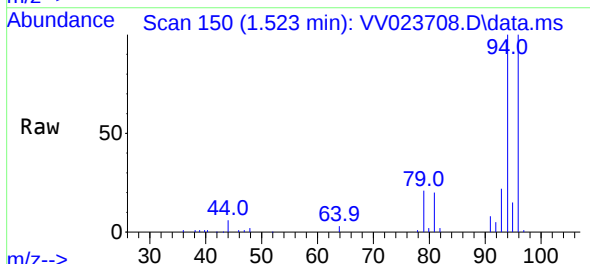
Manual Integrations
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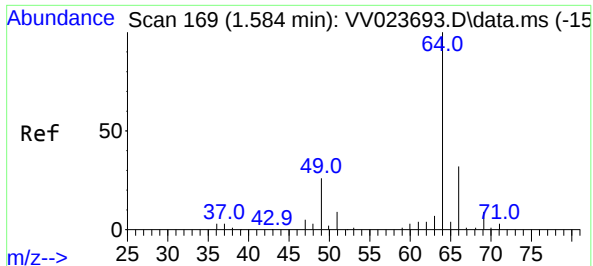
Reviewed By :John Carlone 11/26/2021
 Supervised By :Mahesh Dadoda 11/26/2021



#6
 Bromomethane
 Concen: 3.797 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV023708.D
 Acq: 24 Nov 2021 18:15

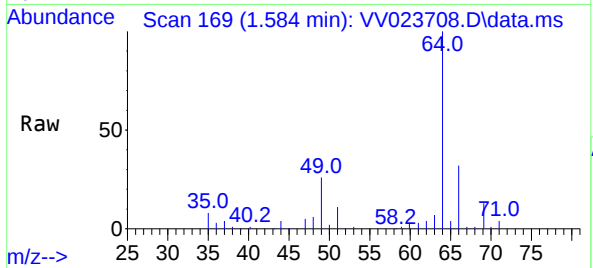
Tgt Ion: 94 Resp: 25124
 Ion Ratio Lower Upper
 94 100
 96 99.6 66.2 123.0





#8
Chloroethane
Concen: 4.939 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

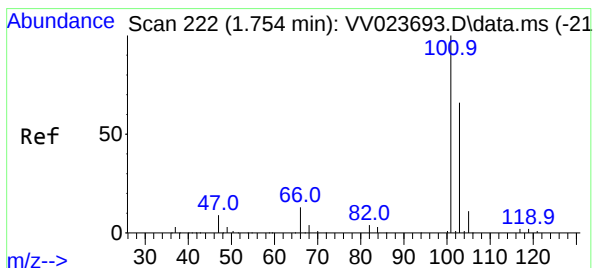
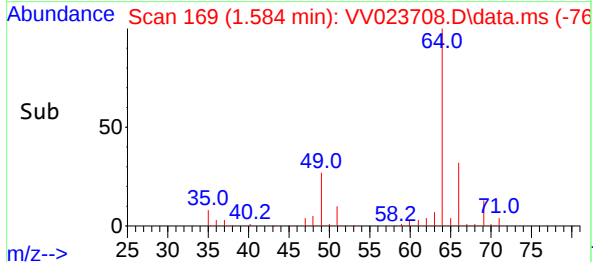
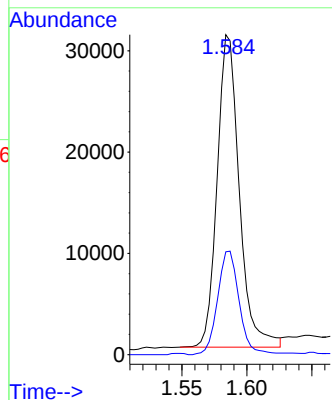
Instrument :
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Tgt Ion: 64 Resp: 36520
Ion Ratio Lower Upper
64 100
66 32.1 21.4 39.8

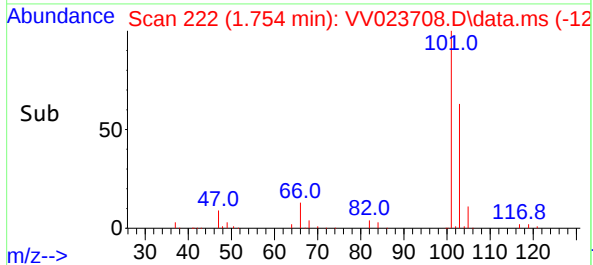
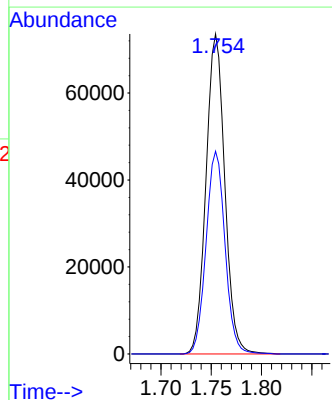
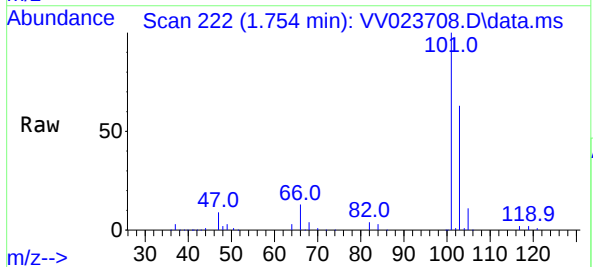
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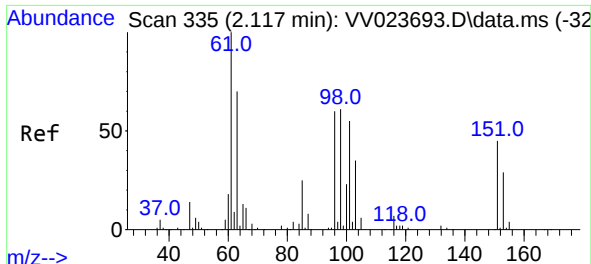
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#9
Trichlorofluoromethane
Concen: 5.022 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

Tgt Ion:101 Resp: 95473
Ion Ratio Lower Upper
101 100
103 63.9 51.6 77.4





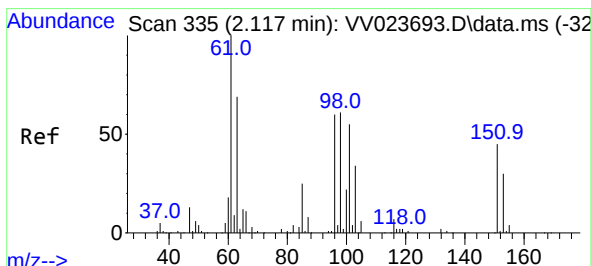
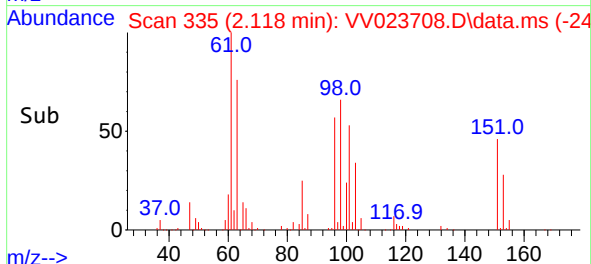
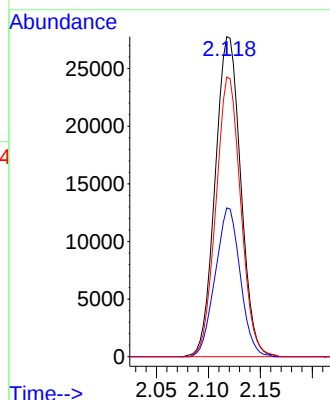
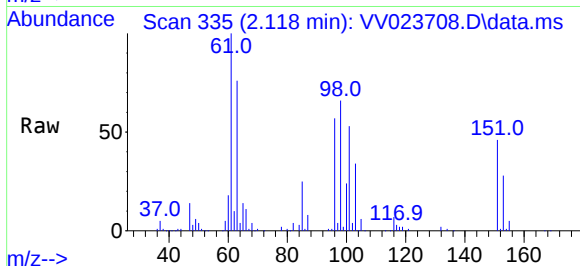
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.987 ug/L
RT: 2.118 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

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Tgt Ion:101 Resp: 4751
Ion Ratio Lower Upper
101 100
85 45.6 36.0 54.0
151 85.0 66.4 99.6

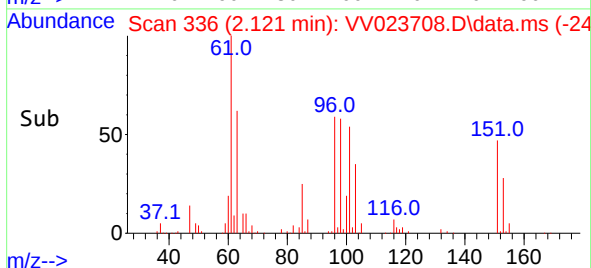
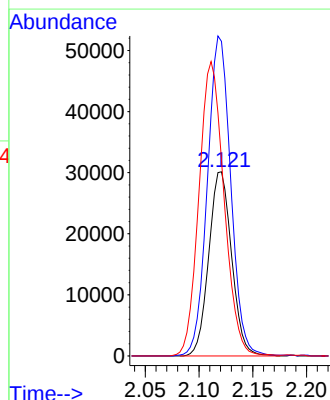
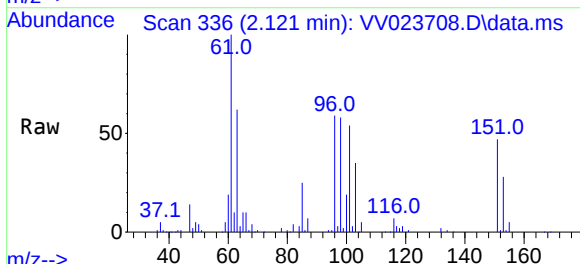
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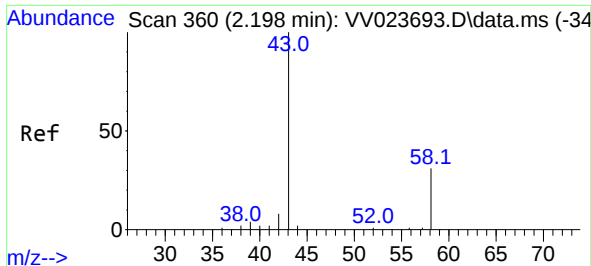
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#12
1,1-Dichloroethene
Concen: 4.938 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

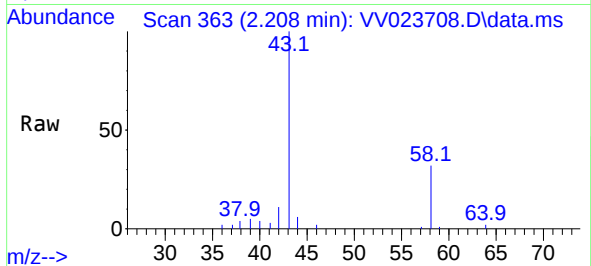
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Ion Ratio Lower Upper
96 100
61 170.8 116.1 215.5
63 106.5 79.4 147.4





#13
Acetone
Concen: 41.461 ug/L m
RT: 2.208 min Scan# 30
Delta R.T. 0.010 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

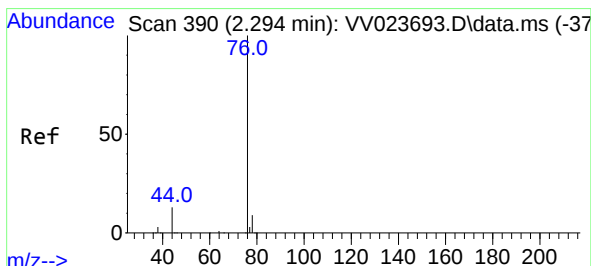
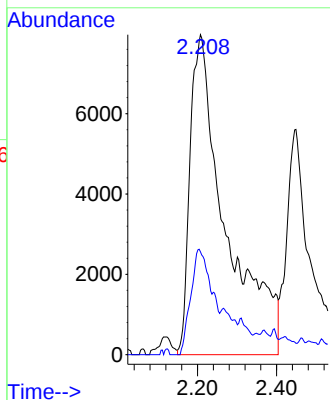
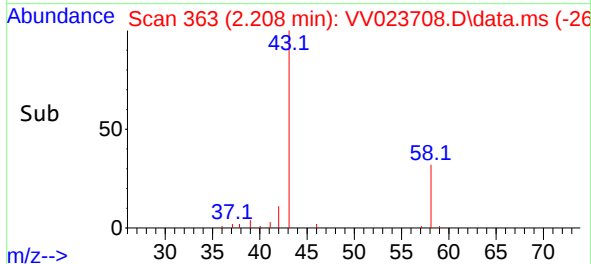
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Tgt Ion: 43 Resp: 49594
Ion Ratio Lower Upper
43 100
58 19.6 0.0 41.4

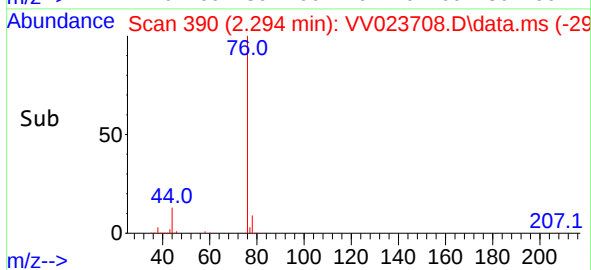
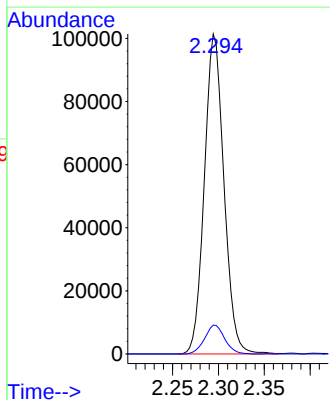
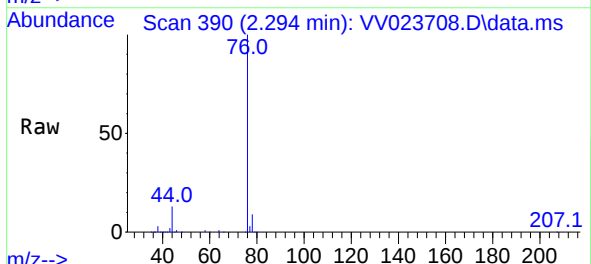
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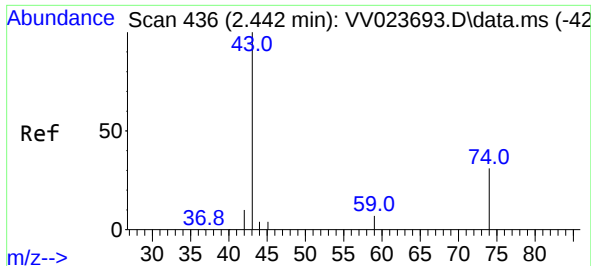
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#14
Carbon disulfide
Concen: 4.963 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

Tgt Ion: 76 Resp: 150565
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3





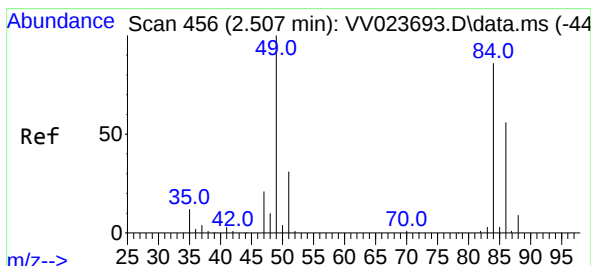
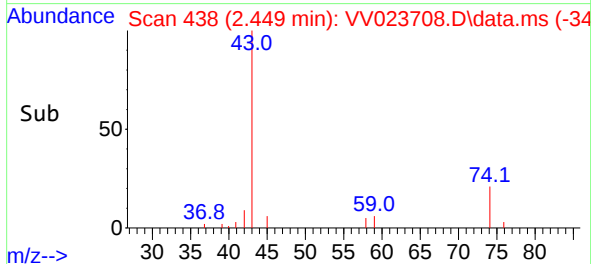
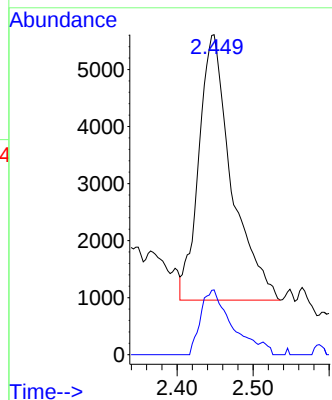
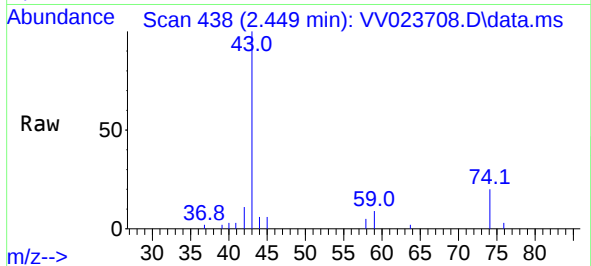
#15
Methyl Acetate
Concen: 5.131 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

Instrument :
MSVOA_V
ClientSampleId :
H4657MSD

Tgt Ion: 43 Resp: 13930
Ion Ratio Lower Upper
43 100
74 22.6 20.2 30.2

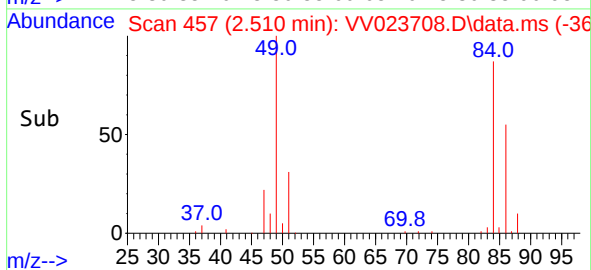
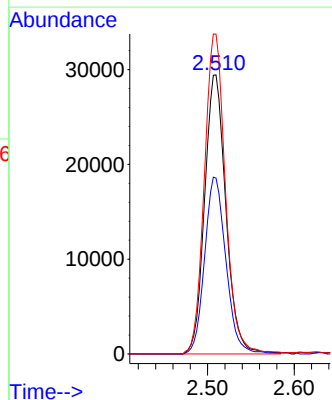
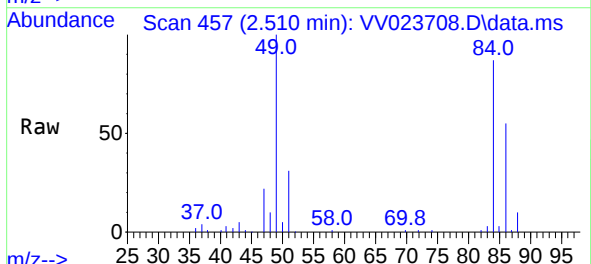
Manual Integrations
APPROVED

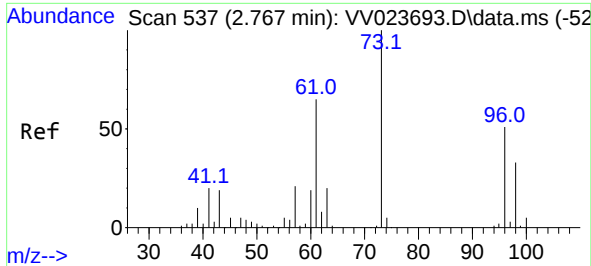
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#16
Methylene chloride
Concen: 3.907 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

Tgt Ion: 84 Resp: 50314
Ion Ratio Lower Upper
84 100
86 63.1 42.6 79.0
49 114.7 79.7 147.9





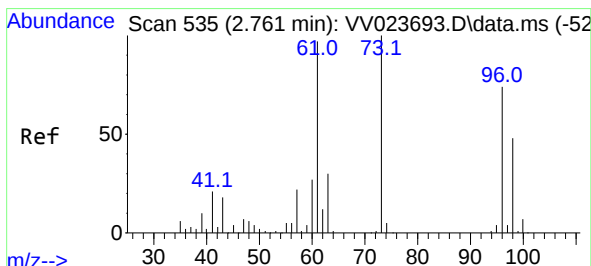
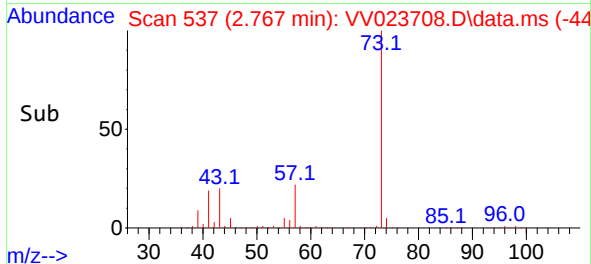
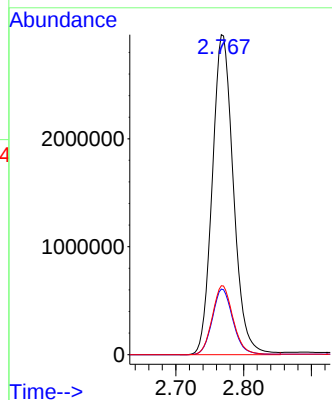
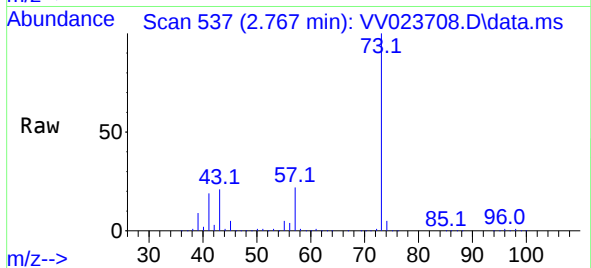
#17
Methyl tert-butyl Ether
Concen: 346.612 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

Instrument :
MSVOA_V
ClientSampleId :
H4657MSD

Tgt Ion: 73 Resp: 641048
Ion Ratio Lower Upper
73 100
43 20.1 15.5 23.3
57 21.3 17.1 25.7

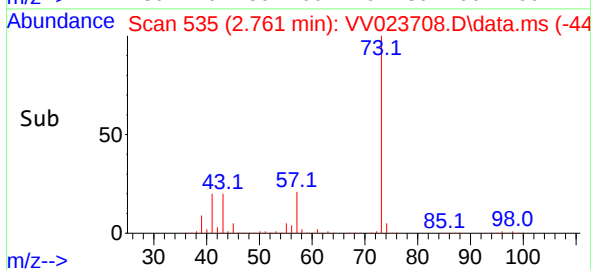
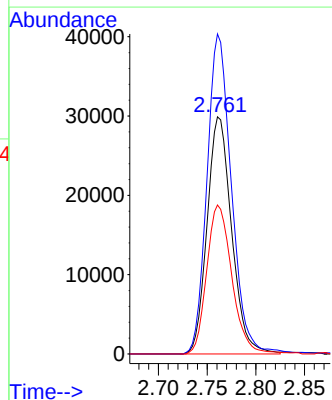
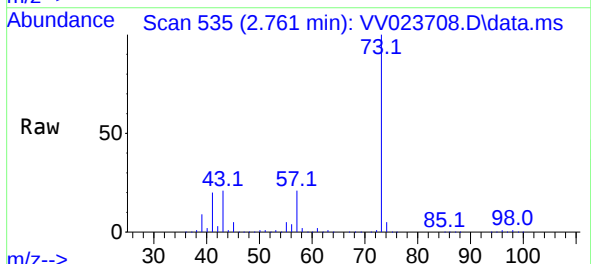
Manual Integrations
APPROVED

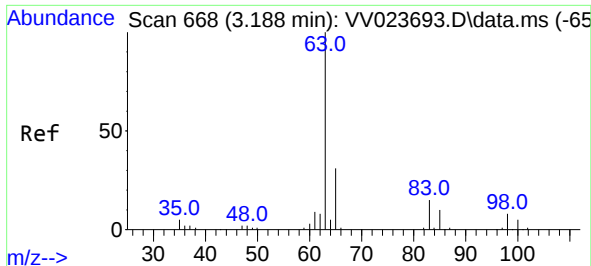
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#18
trans-1,2-Dichloroethene
Concen: 5.101 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

Tgt Ion: 96 Resp: 52438
Ion Ratio Lower Upper
96 100
61 135.0 88.2 163.8
98 62.9 44.9 83.5





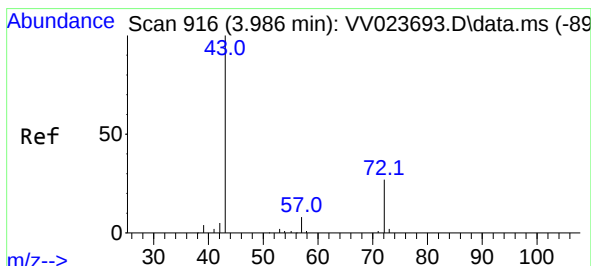
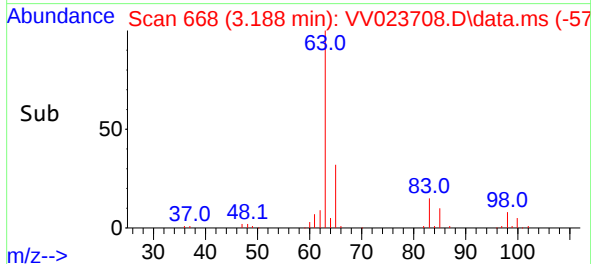
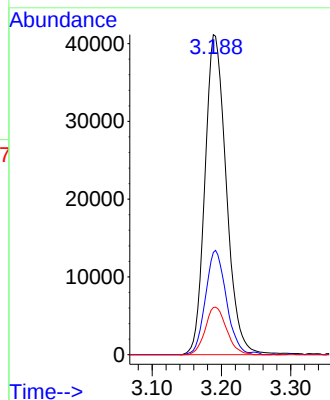
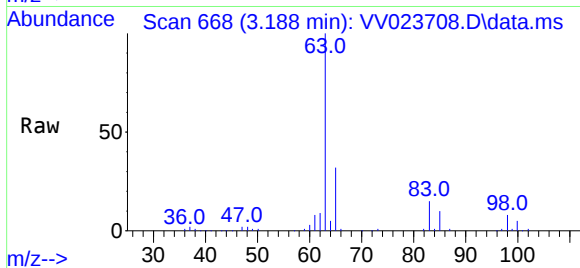
#19
1,1-Dichloroethane
Concen: 5.086 ug/L
RT: 3.188 min Scan# 60
Delta R.T. 0.000 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

Instrument :
MSVOA_V
ClientSampleId :
H4657MSD

Tgt Ion: 63 Resp: 87902
Ion Ratio Lower Upper
63 100
65 32.0 22.3 41.3
83 14.7 10.7 19.9

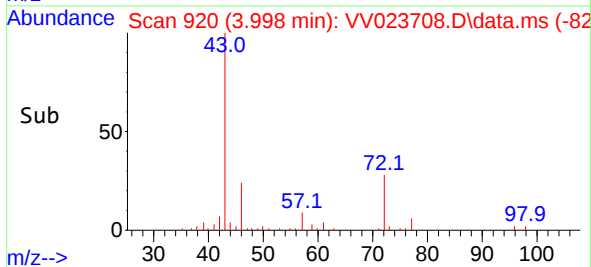
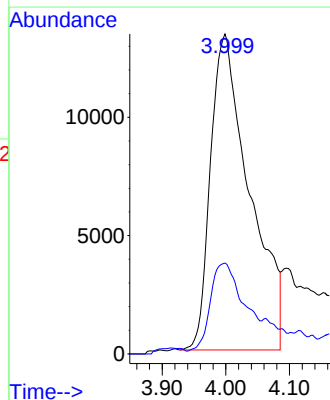
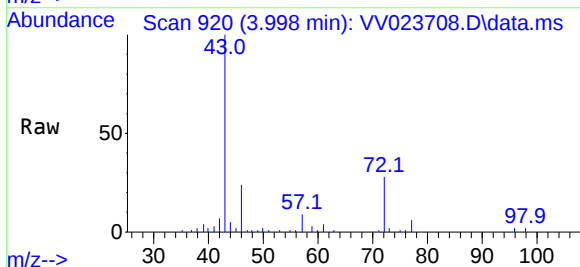
Manual Integrations
APPROVED

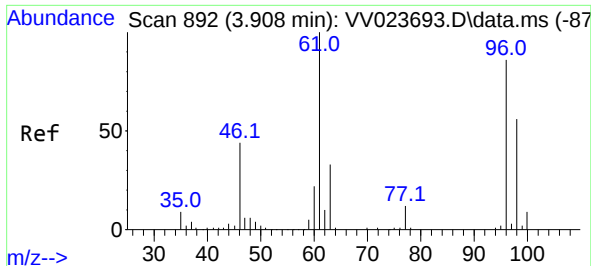
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#21
2-Butanone
Concen: 37.656 ug/L
RT: 3.998 min Scan# 920
Delta R.T. 0.013 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

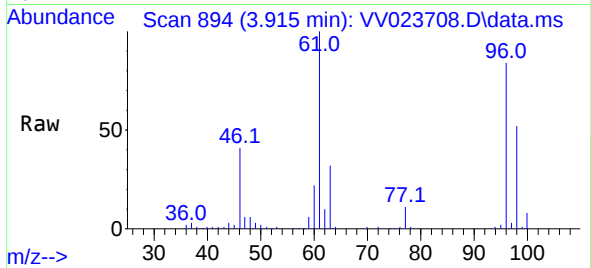
Tgt Ion: 43 Resp: 57010
Ion Ratio Lower Upper
43 100
72 24.0 11.1 33.1





#22
cis-1,2-Dichloroethene
Concen: 6.638 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.007 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

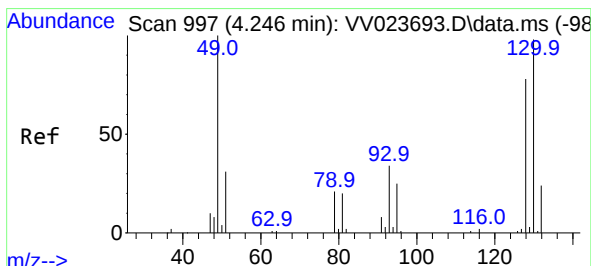
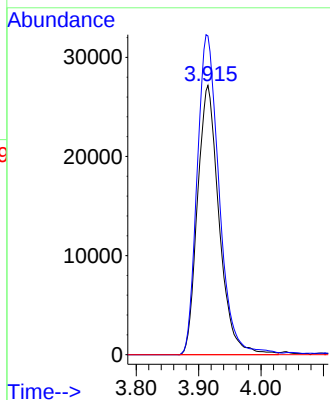
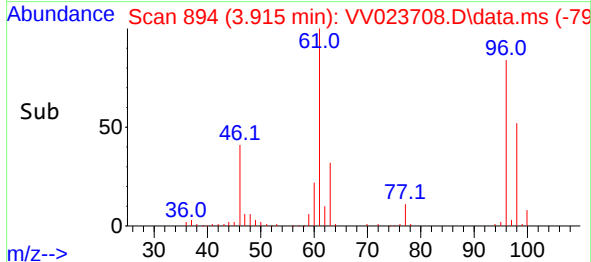
Instrument :
MSVOA_V
ClientSampleId :
H4657MSD



Tgt Ion: 96 Resp: 6543
Ion Ratio Lower Upper
96 100
61 118.3 83.4 154.8
68 0.0 0.0 0.0

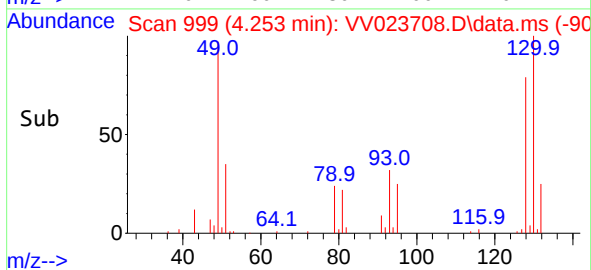
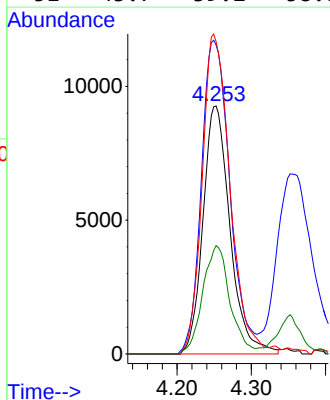
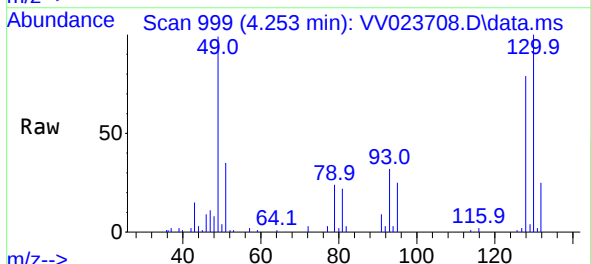
Manual Integrations
APPROVED

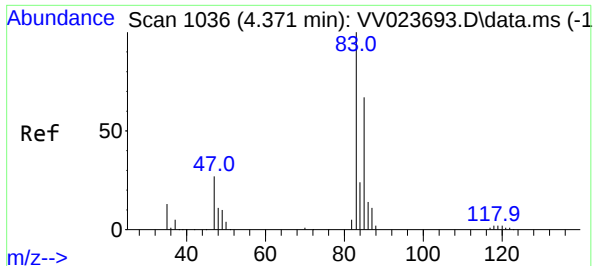
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#23
Bromochloromethane
Concen: 5.070 ug/L
RT: 4.253 min Scan# 999
Delta R.T. 0.007 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

Tgt Ion:128 Resp: 23456
Ion Ratio Lower Upper
128 100
49 124.5 100.2 186.2
130 125.9 92.5 171.7
51 43.7 39.2 58.8





#25

Chloroform

Concen: 4.844 ug/L

RT: 4.375 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV023708.D

Acq: 24 Nov 2021 18:15

Instrument :

MSVOA_V

ClientSampleId :

H4657MSD

Tgt Ion: 83 Resp: 93284

Ion Ratio Lower Upper

83 100

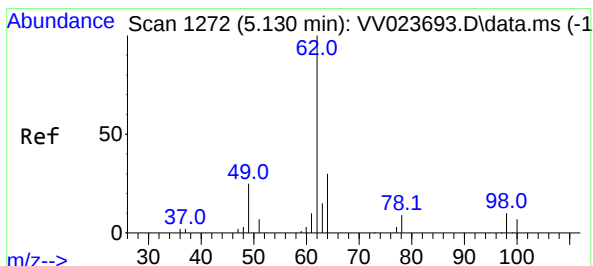
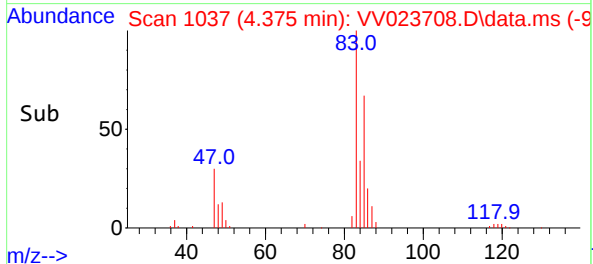
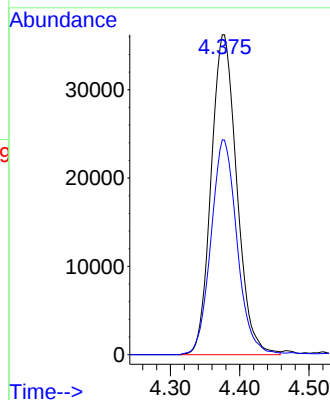
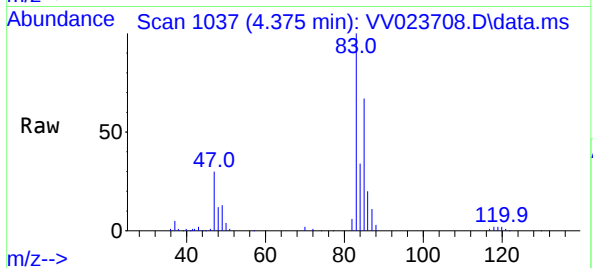
85 67.2 45.2 84.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/26/2021

Supervised By :Mahesh Dadoda 11/26/2021



#27

1,2-Dichloroethane

Concen: 5.205 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV023708.D

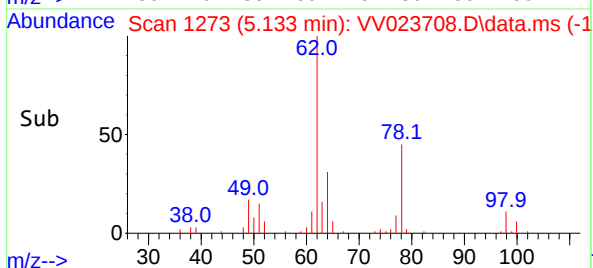
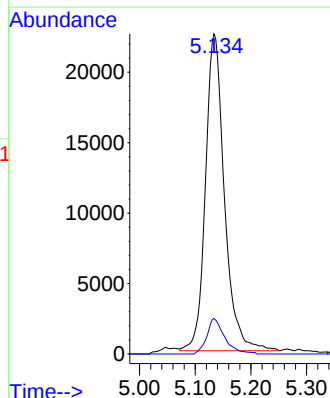
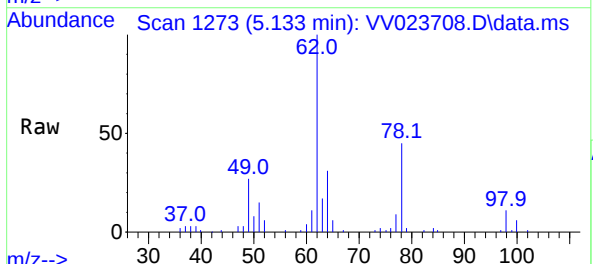
Acq: 24 Nov 2021 18:15

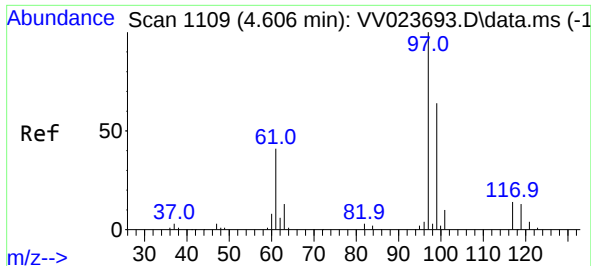
Tgt Ion: 62 Resp: 53280

Ion Ratio Lower Upper

62 100

98 11.1 8.1 12.1





#29
1,1,1-Trichloroethane
Concen: 5.138 ug/L
RT: 4.609 min Scan# 1109
Delta R.T. 0.003 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

Instrument :

MSVOA_V

ClientSampleId :

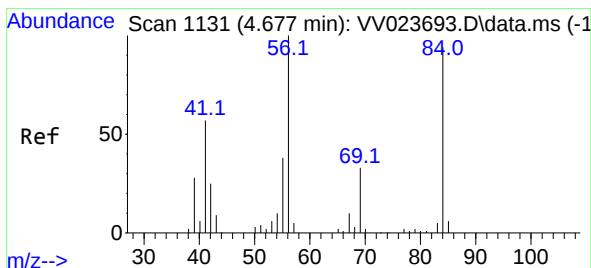
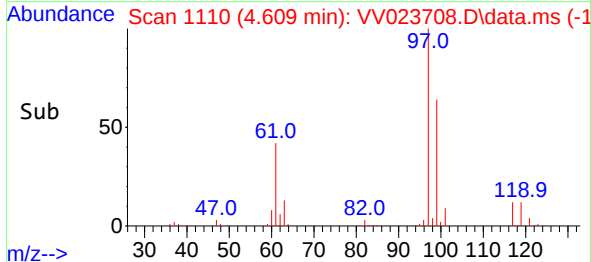
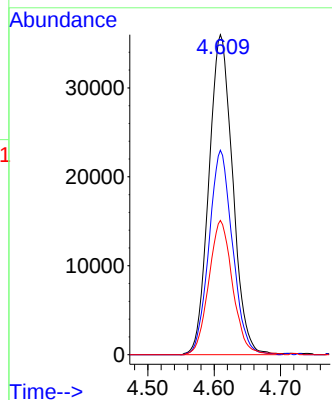
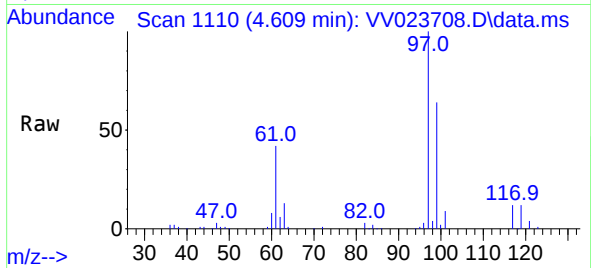
H4657MSD

Tgt Ion: 97 Resp: 89740
Ion Ratio Lower Upper
97 100
99 63.3 51.9 77.9
61 42.1 33.2 49.8

Manual Integrations

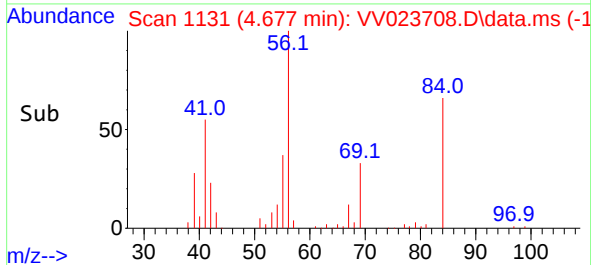
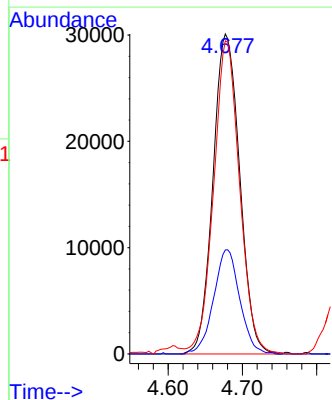
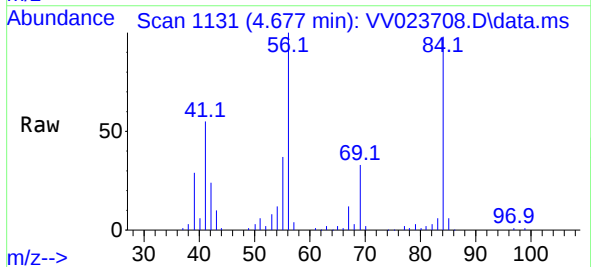
APPROVED

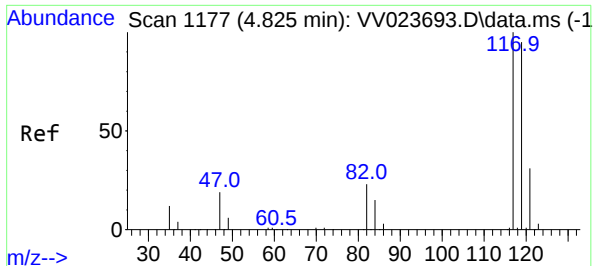
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#30
Cyclohexane
Concen: 5.161 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

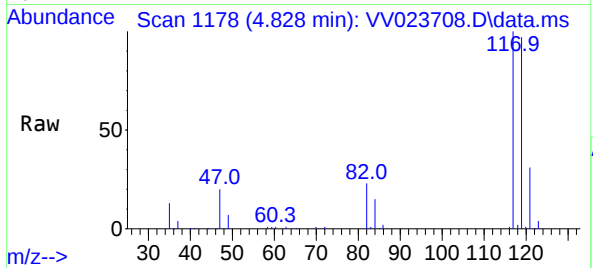
Tgt Ion: 56 Resp: 75233
Ion Ratio Lower Upper
56 100
69 31.9 24.8 37.2
84 95.4 75.9 113.9





#31
Carbon tetrachloride
Concen: 5.116 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

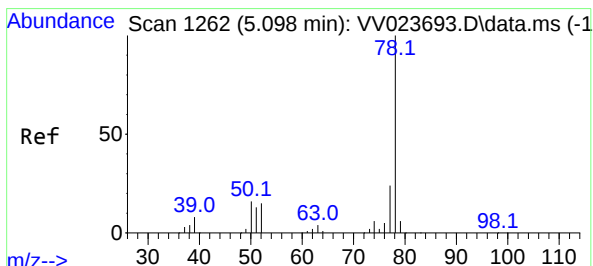
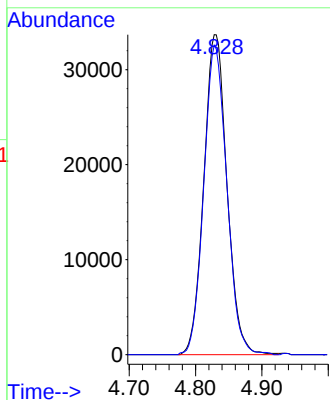
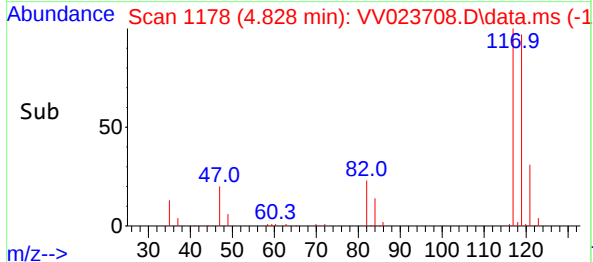
Instrument :
MSVOA_V
ClientSampleId :
H4657MSD



Tgt Ion:117 Resp: 81858
Ion Ratio Lower Upper
117 100
119 96.0 76.6 114.8

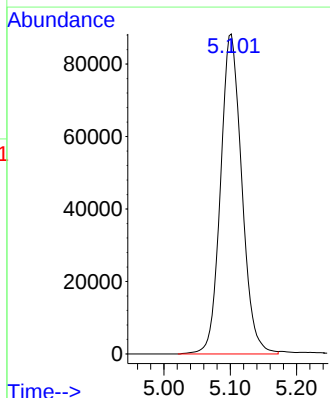
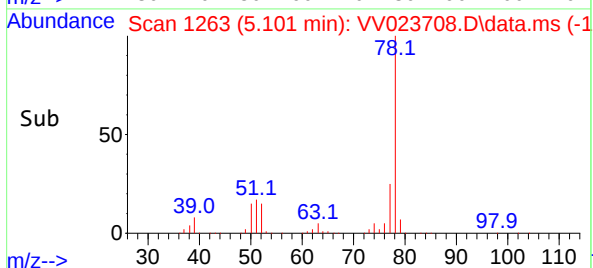
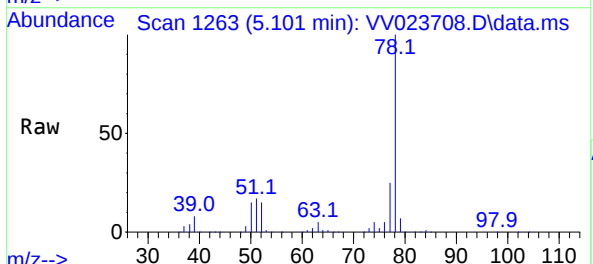
Manual Integrations
APPROVED

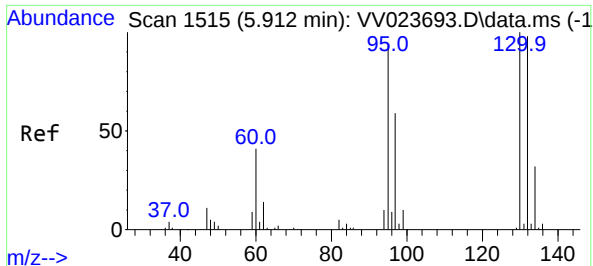
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#33
Benzene
Concen: 5.167 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

Tgt Ion: 78 Resp: 196904





#34

Trichloroethene

Concen: 5.442 ug/L

RT: 5.915 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV023708.D

Acq: 24 Nov 2021 18:15

Instrument :

MSVOA_V

ClientSampleId :

H4657MSD

Tgt Ion: 95 Resp: 5555

Ion Ratio Lower Upper

95 100

97 65.1 45.2 84.0

132 102.1 76.1 141.3

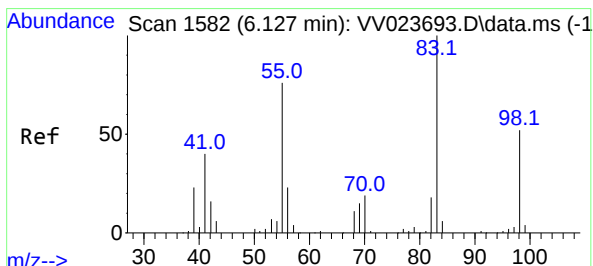
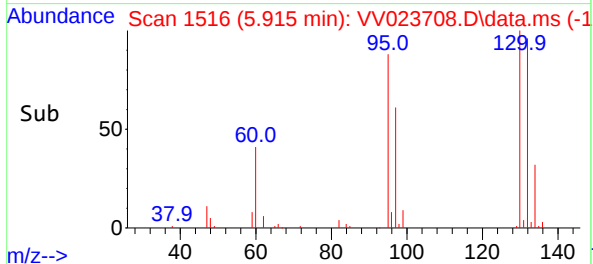
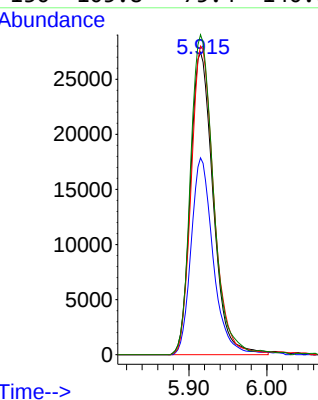
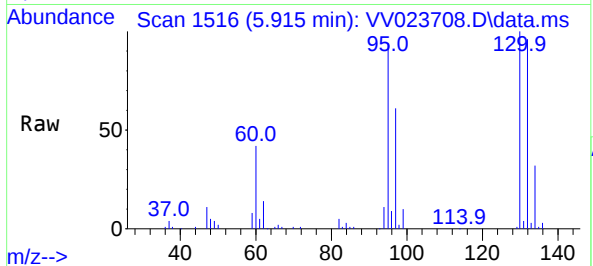
130 105.8 75.4 140.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/26/2021

Supervised By :Mahesh Dadoda 11/26/2021



#35

Methylcyclohexane

Concen: 5.214 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV023708.D

Acq: 24 Nov 2021 18:15

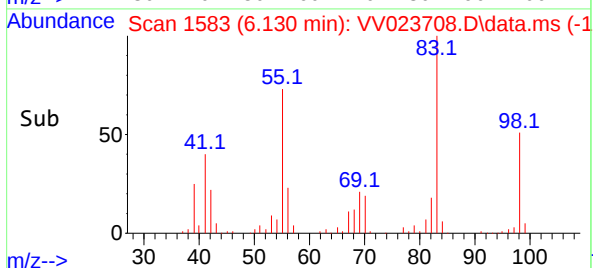
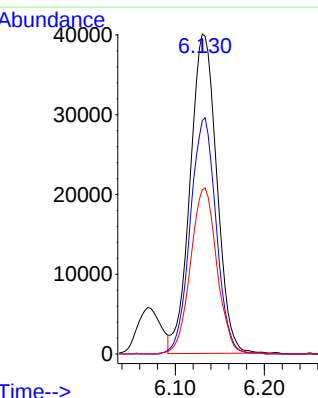
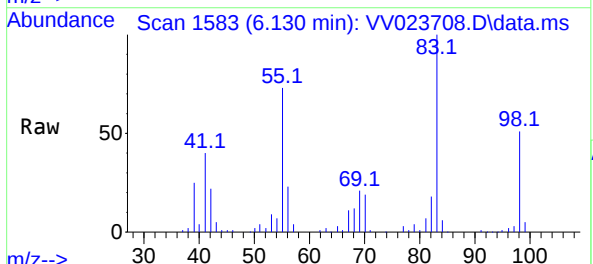
Tgt Ion: 83 Resp: 82974

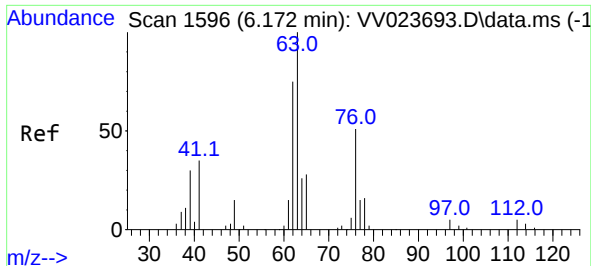
Ion Ratio Lower Upper

83 100

55 71.9 60.2 90.2

98 51.6 41.0 61.4





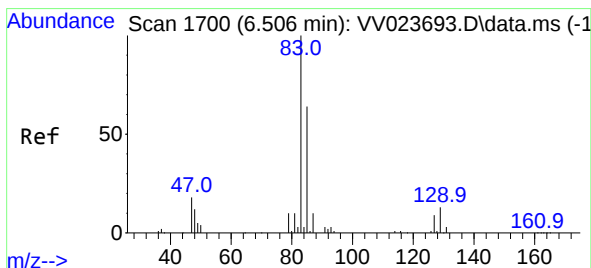
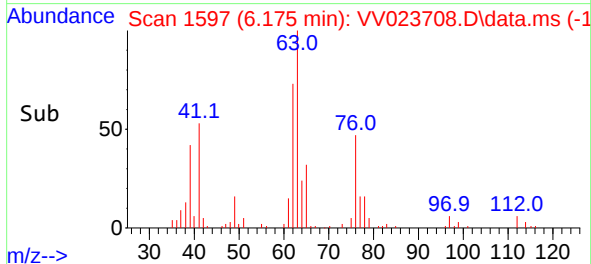
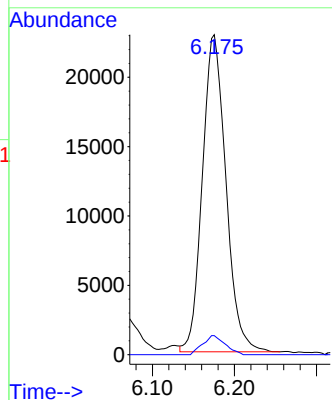
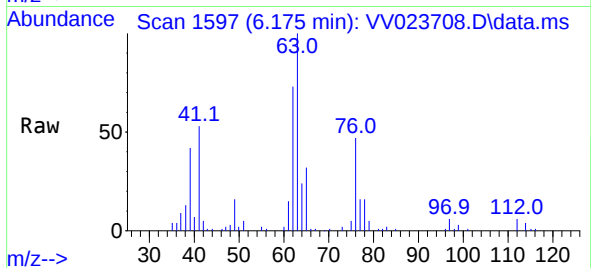
#37
1,2-Dichloropropane
Concen: 5.034 ug/L
RT: 6.175 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

Instrument :
MSVOA_V
ClientSampleId :
H4657MSD

Tgt Ion: 63 Resp: 45604
Ion Ratio Lower Upper
63 100
112 5.7 4.3 6.5

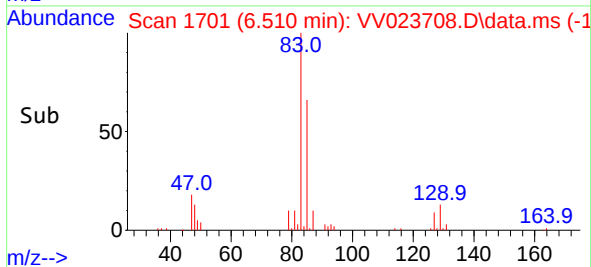
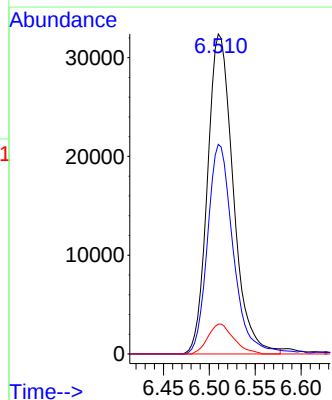
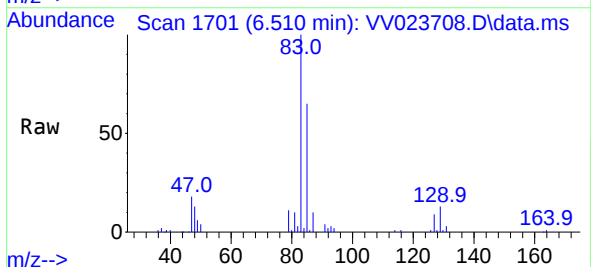
Manual Integrations
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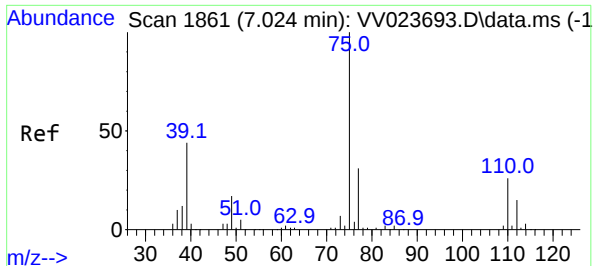
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#38
Bromodichloromethane
Concen: 5.132 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

Tgt Ion: 83 Resp: 63091
Ion Ratio Lower Upper
83 100
85 65.5 44.0 81.8
127 9.3 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 5.084 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV023708.D

Acq: 24 Nov 2021 18:15

Instrument :

MSVOA_V

ClientSampleId :

H4657MSD

Tgt Ion: 75 Resp: 65544

Ion Ratio Lower Upper

75 100

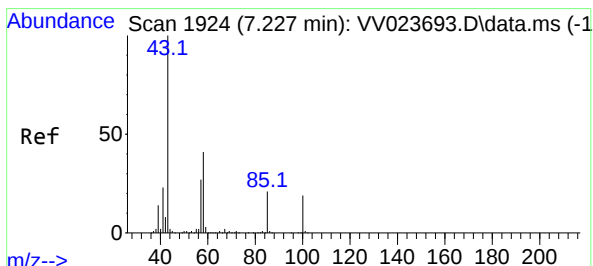
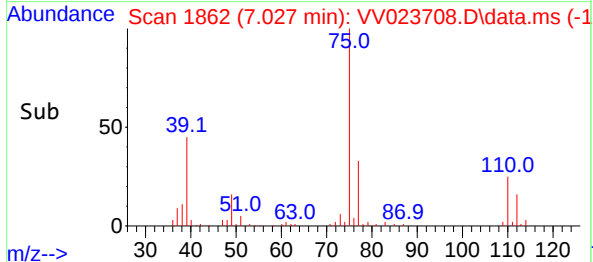
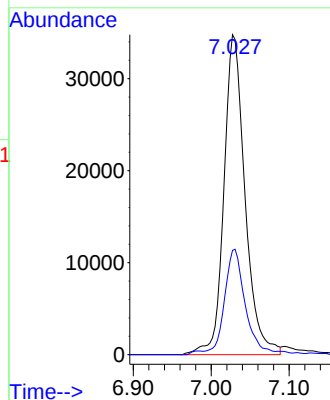
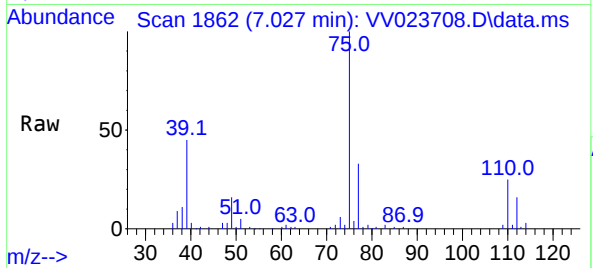
77 32.6 22.0 41.0

Manual Integrations

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Reviewed By :John Carlone 11/26/2021

Supervised By :Mahesh Dadoda 11/26/2021



#40

4-Methyl-2-pentanone

Concen: 53.902 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV023708.D

Acq: 24 Nov 2021 18:15

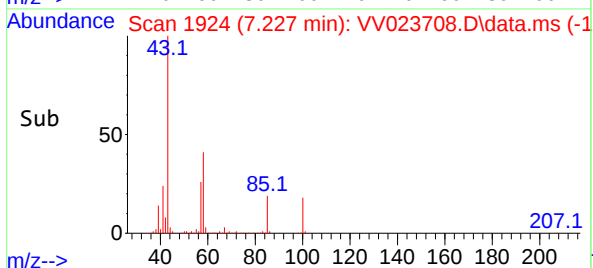
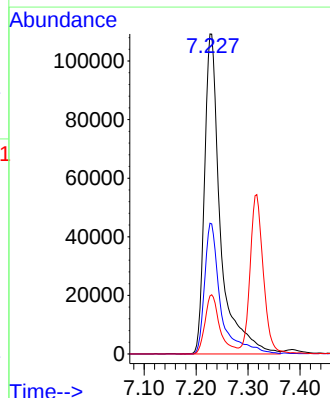
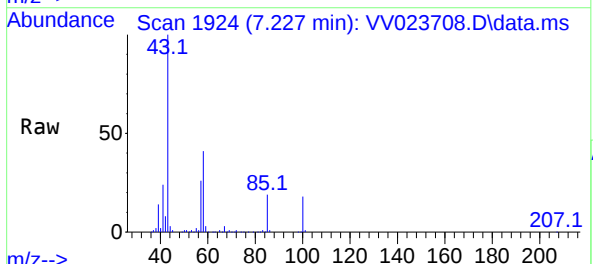
Tgt Ion: 43 Resp: 233085

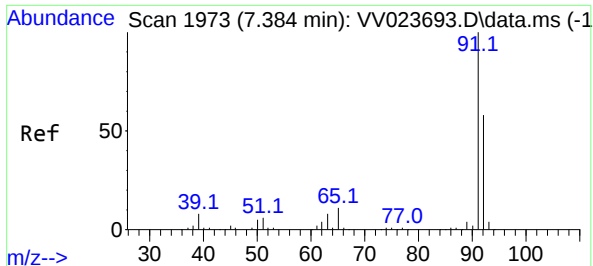
Ion Ratio Lower Upper

43 100

58 41.3 32.3 48.5

100 17.3 13.0 19.6





#42

Toluene

Concen: 5.467 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV023708.D

Acq: 24 Nov 2021 18:15

Instrument :

MSVOA_V

ClientSampleId :

H4657MSD

Tgt Ion: 91 Resp: 225918

Ion Ratio Lower Upper

91 100

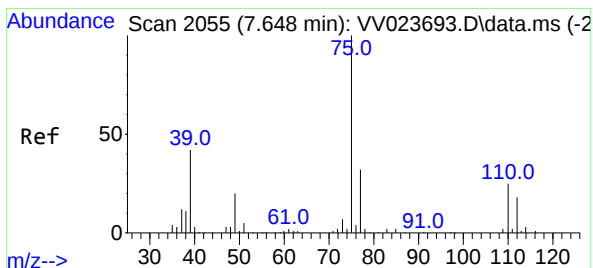
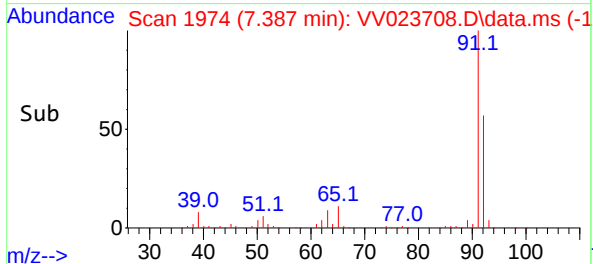
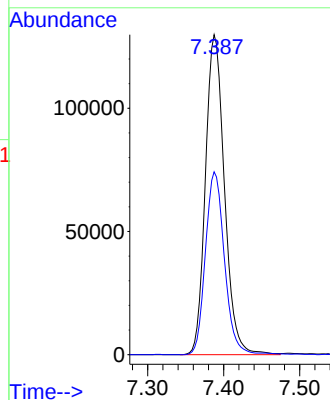
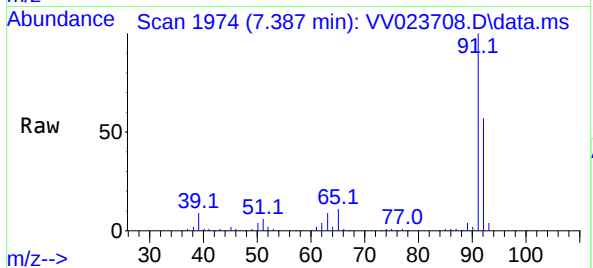
92 57.2 41.5 77.1

Manual Integrations

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Reviewed By :John Carlone 11/26/2021

Supervised By :Mahesh Dadoda 11/26/2021



#44

trans-1,3-Dichloropropene

Concen: 5.367 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.007 min

Lab File: VV023708.D

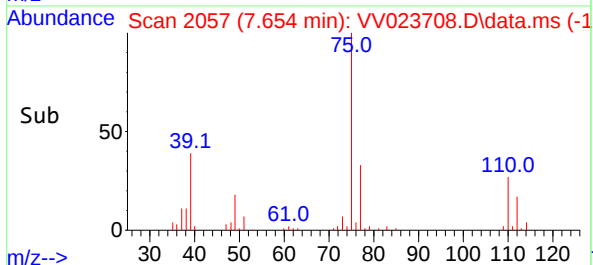
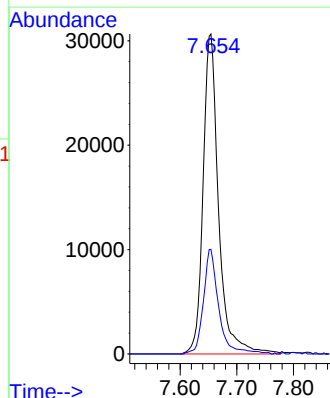
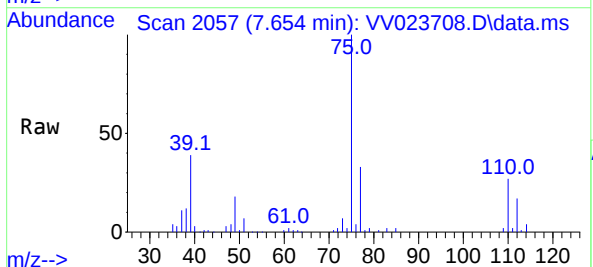
Acq: 24 Nov 2021 18:15

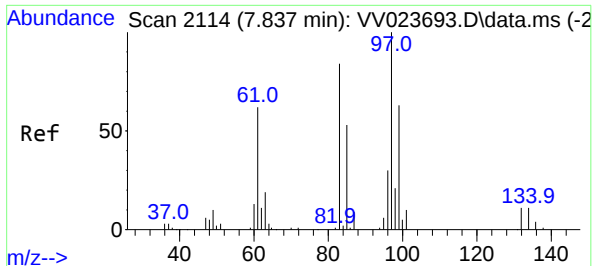
Tgt Ion: 75 Resp: 58152

Ion Ratio Lower Upper

75 100

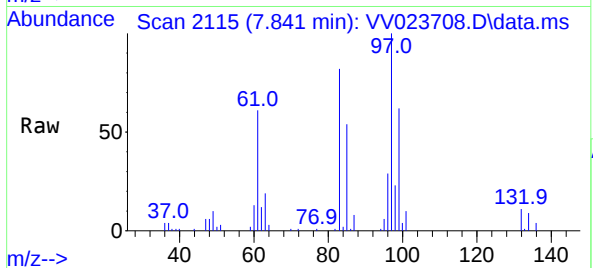
77 32.7 21.8 40.4





#45
1,1,2-Trichloroethane
Concen: 5.427 ug/L
RT: 7.841 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

Instrument :
MSVOA_V
ClientSampleId :
H4657MSD

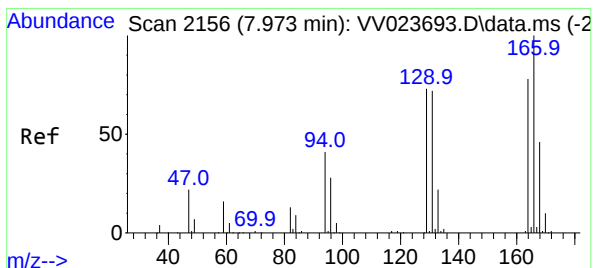
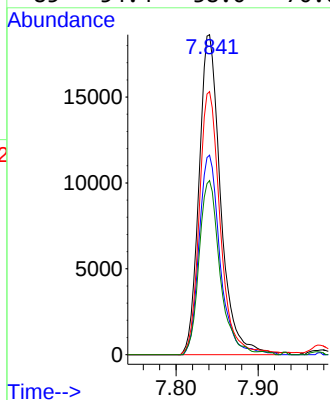
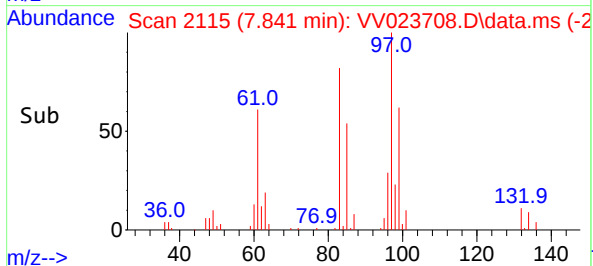


Tgt Ion: 97 Resp: 34038

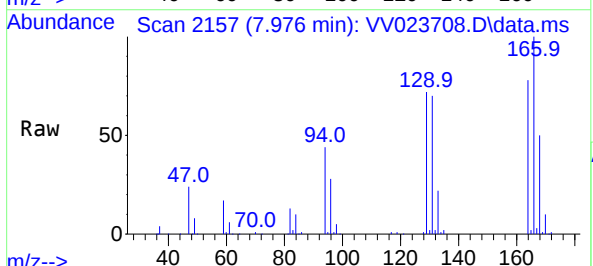
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.1	80.1
83	82.2	57.9	107.5
85	54.4	38.0	70.6

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Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

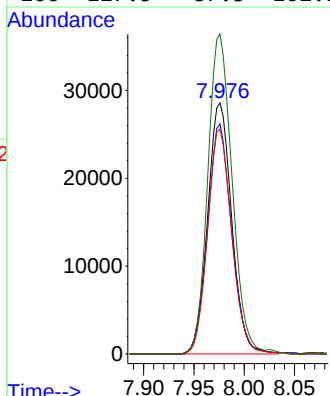
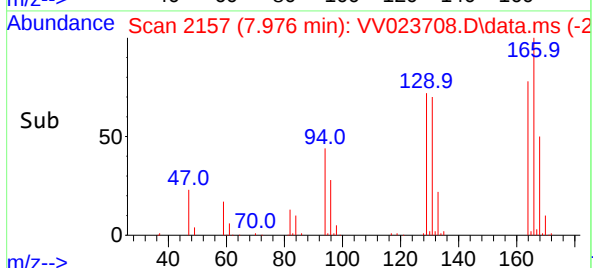


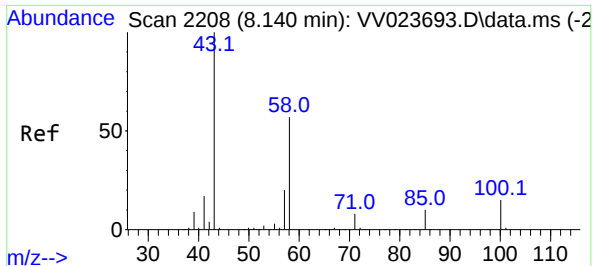
#47
Tetrachloroethene
Concen: 5.130 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15



Tgt Ion:164 Resp: 47667

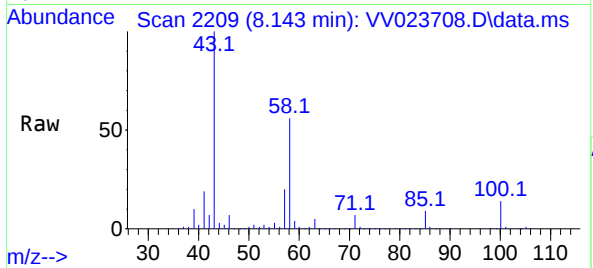
Ion	Ratio	Lower	Upper
164	100		
129	91.7	62.6	116.2
131	89.6	61.0	113.4
166	127.5	87.3	162.1





#48
2-Hexanone
Concen: 53.198 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

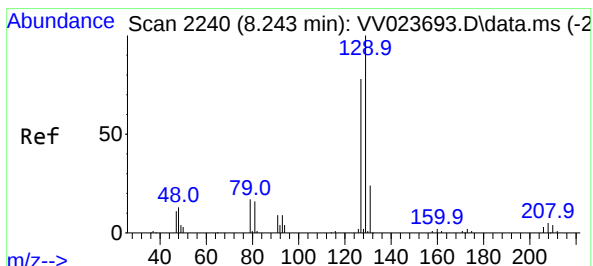
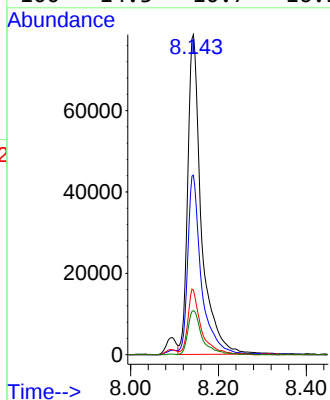
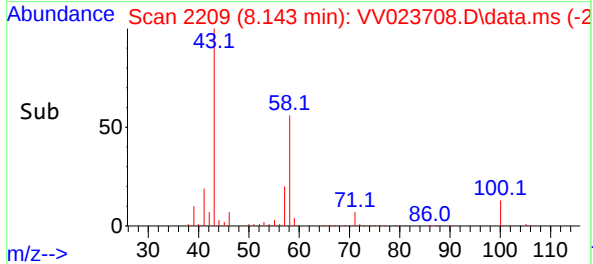
Instrument :
MSVOA_V
ClientSampleId :
H4657MSD



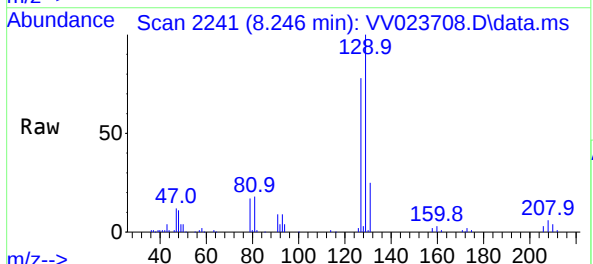
Tgt Ion: 43 Resp: 17002
Ion Ratio Lower Upper
43 100
58 55.1 44.5 66.7
57 19.9 15.1 22.7
100 14.3 10.7 16.1

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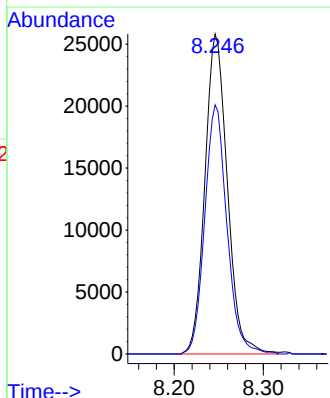
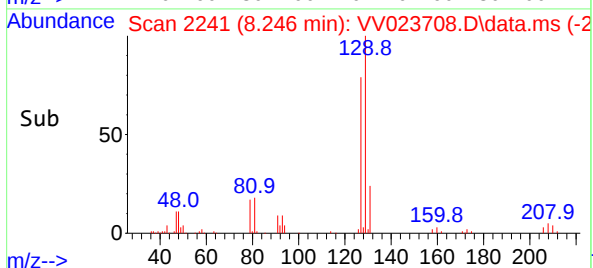
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

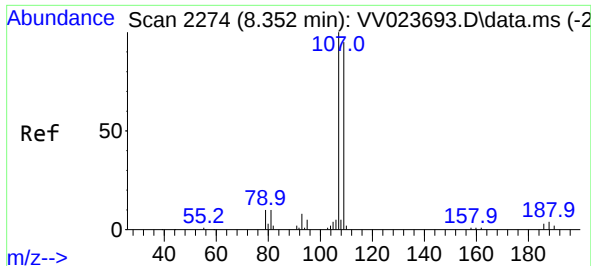


#49
Dibromochloromethane
Concen: 5.255 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15



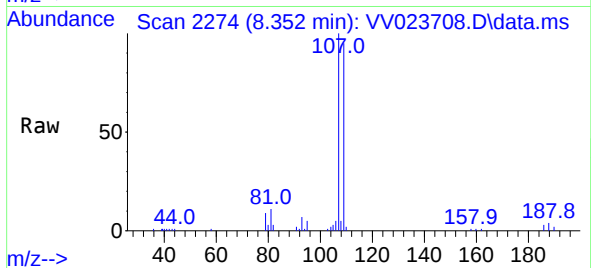
Tgt Ion:129 Resp: 45169
Ion Ratio Lower Upper
129 100
127 77.9 53.5 99.3





#50
1,2-Dibromoethane
Concen: 5.278 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

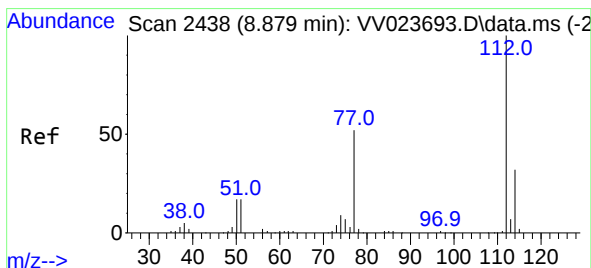
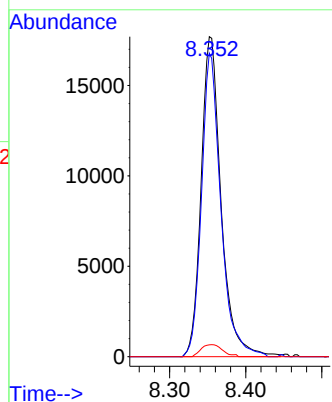
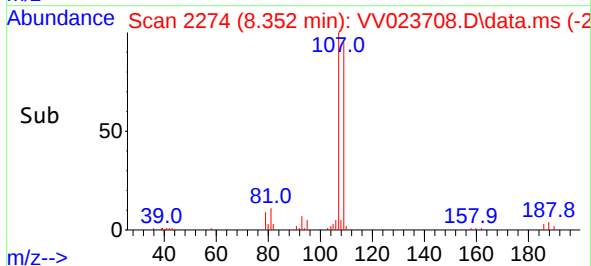
Instrument :
MSVOA_V
ClientSampleId :
H4657MSD



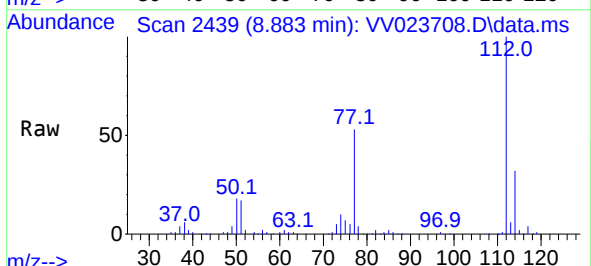
Tgt Ion:107 Resp: 32279
Ion Ratio Lower Upper
107 100
109 94.8 62.5 116.1
188 3.7 3.4 5.2

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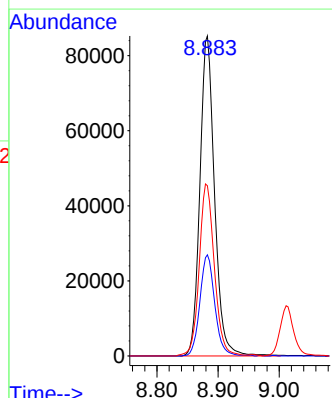
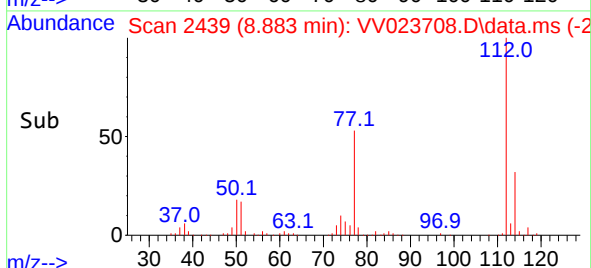
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

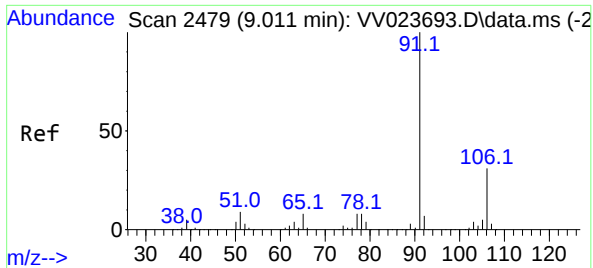


#51
Chlorobenzene
Concen: 5.183 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15



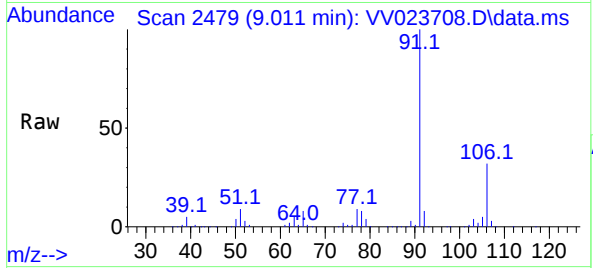
Tgt Ion:112 Resp: 142022
Ion Ratio Lower Upper
112 100
114 31.6 23.3 43.3
77 53.2 43.3 64.9





#52
Ethylbenzene
Concen: 5.394 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

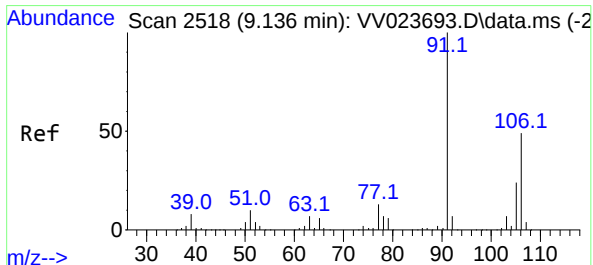
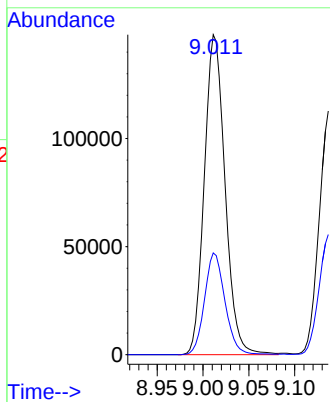
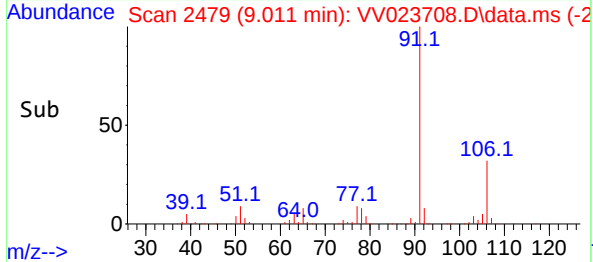
Instrument :
MSVOA_V
ClientSampleId :
H4657MSD



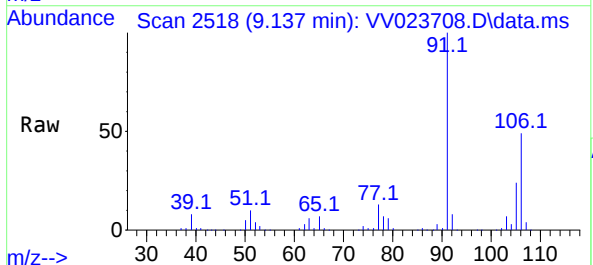
Tgt Ion: 91 Resp: 23301
Ion Ratio Lower Upper
91 100
106 31.8 22.0 41.0

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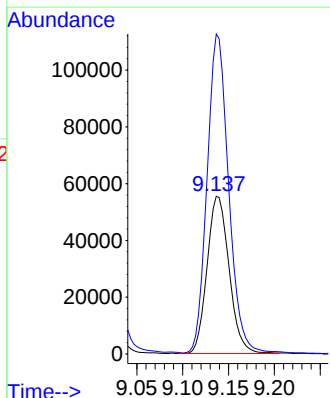
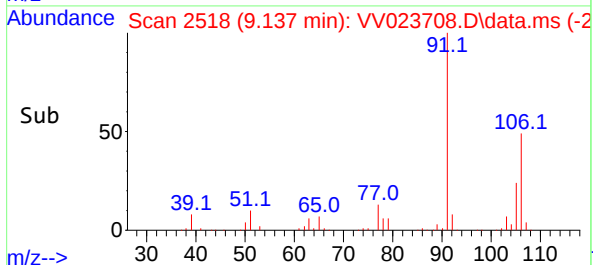
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

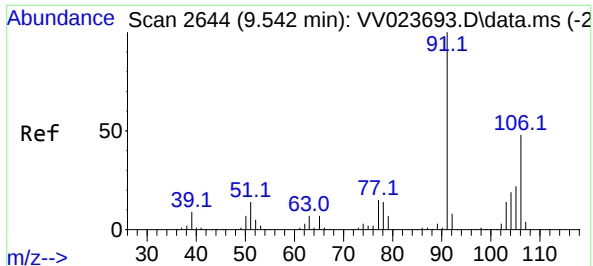


#53
m,p-xylene
Concen: 5.382 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15



Tgt Ion:106 Resp: 92530
Ion Ratio Lower Upper
106 100
91 202.8 139.5 259.1





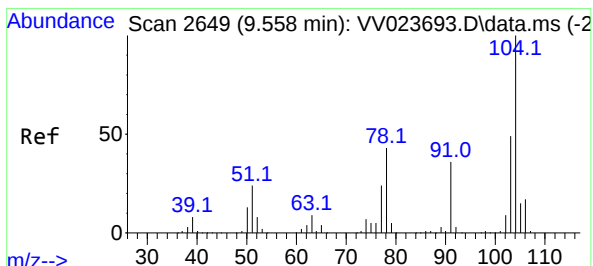
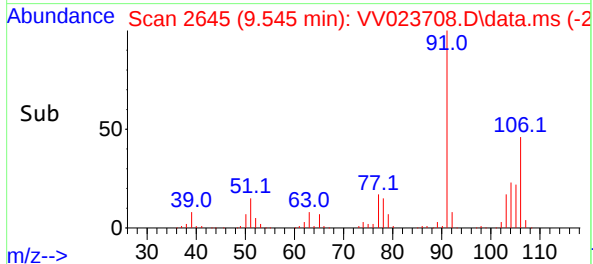
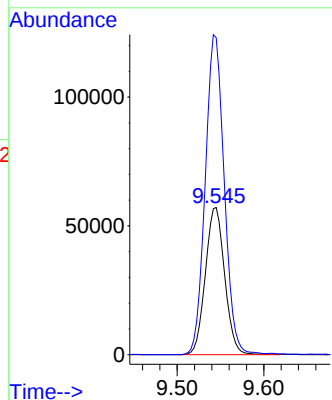
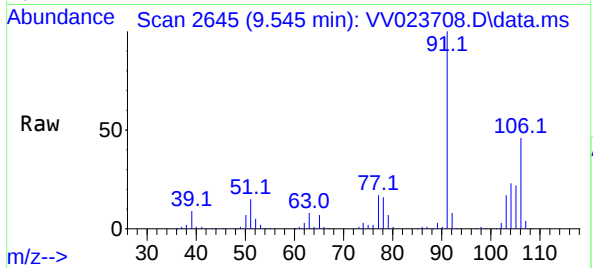
#54
o-xylene
Concen: 5.412 ug/L
RT: 9.545 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

Instrument :
MSVOA_V
ClientSampleId :
H4657MSD

Tgt Ion:106 Resp: 88480
Ion Ratio Lower Upper
106 100
91 215.4 147.9 274.7

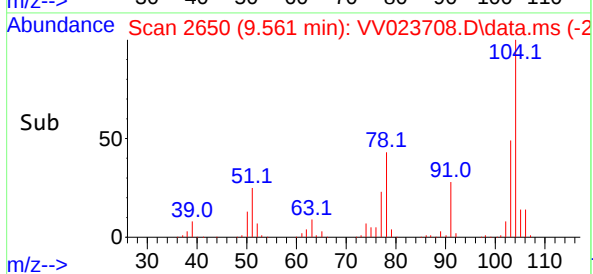
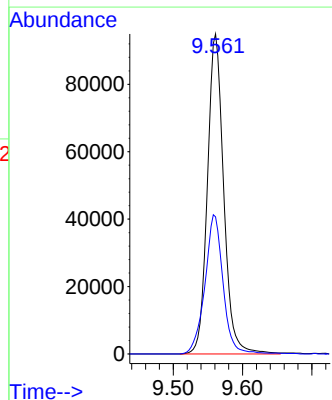
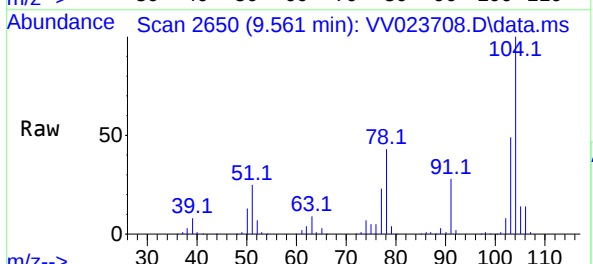
Manual Integrations
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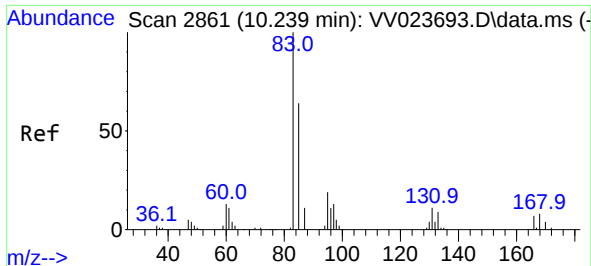
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#55
Styrene
Concen: 5.612 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

Tgt Ion:104 Resp: 154608
Ion Ratio Lower Upper
104 100
78 42.8 31.0 57.6





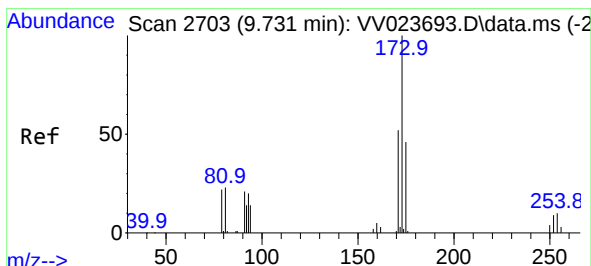
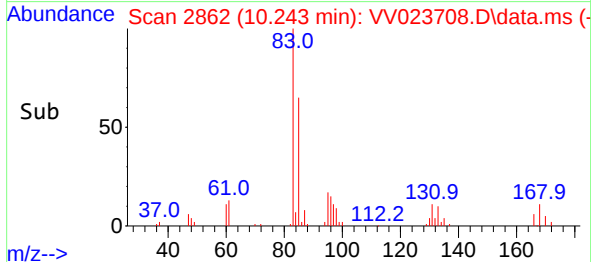
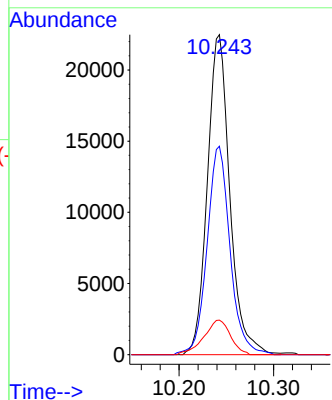
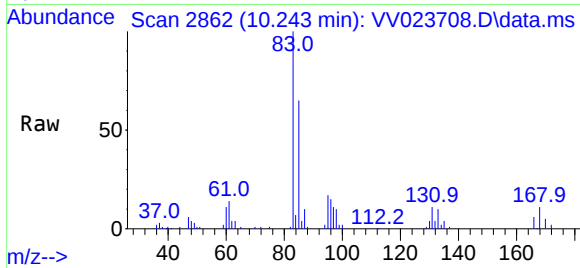
#57
1,1,2,2-Tetrachloroethane
Concen: 5.325 ug/L
RT: 10.243 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

Instrument :
MSVOA_V
ClientSampleId :
H4657MSD

Tgt Ion: 83 Resp: 3716
Ion Ratio Lower Upper
83 100
85 65.1 44.6 82.8
131 10.8 8.3 12.5

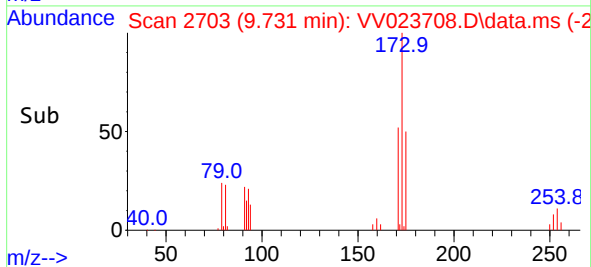
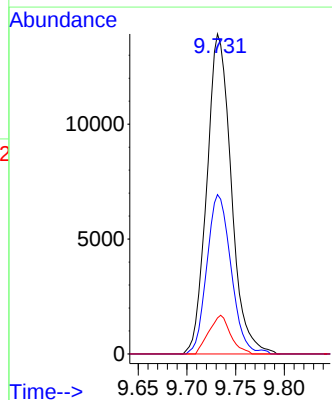
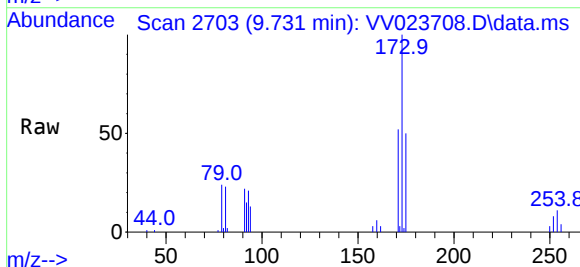
Manual Integrations
APPROVED

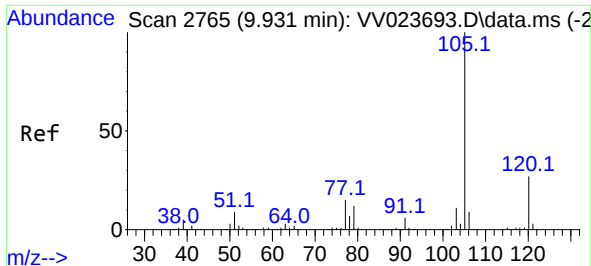
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#59
Bromoform
Concen: 5.006 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

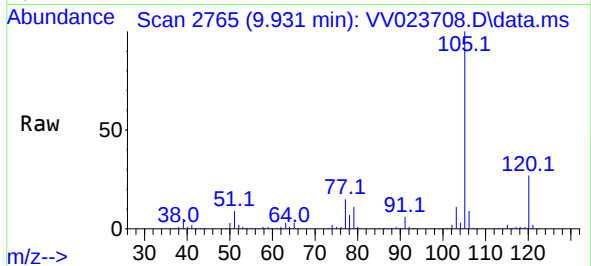
Tgt Ion:173 Resp: 24286
Ion Ratio Lower Upper
173 100
175 49.4 39.4 59.2
254 10.7 7.4 11.0





#60
Isopropylbenzene
Concen: 5.531 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

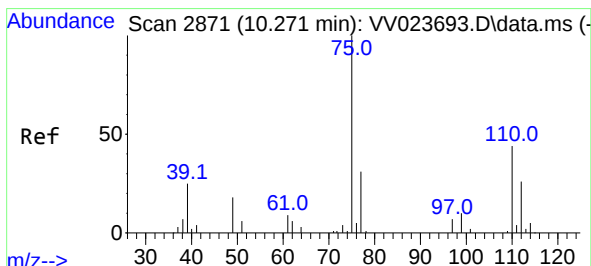
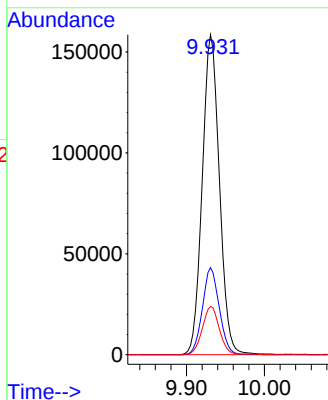
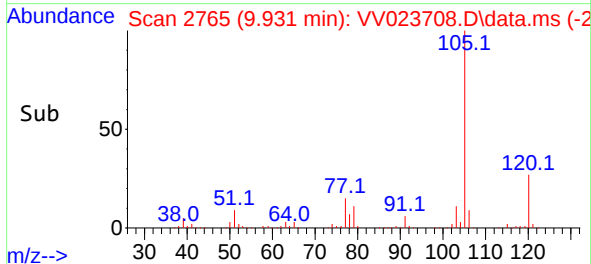
Instrument :
MSVOA_V
ClientSampleId :
H4657MSD



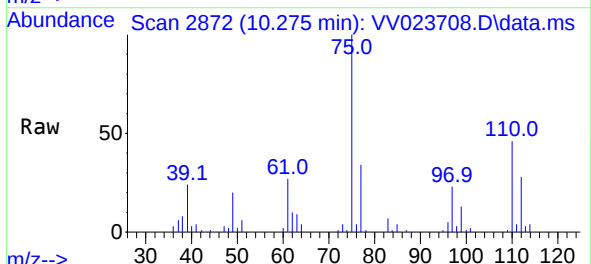
Tgt Ion:105 Resp: 24259
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.0
77 15.0 12.2 18.4

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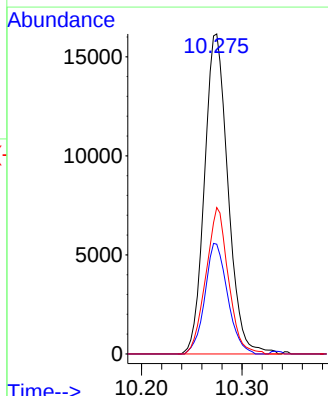
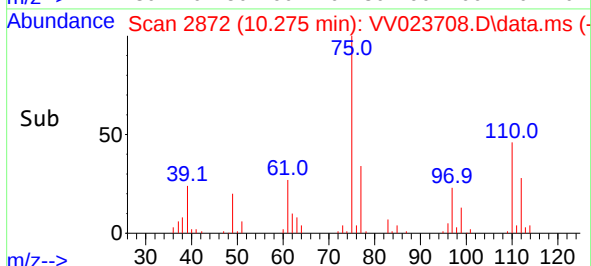
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

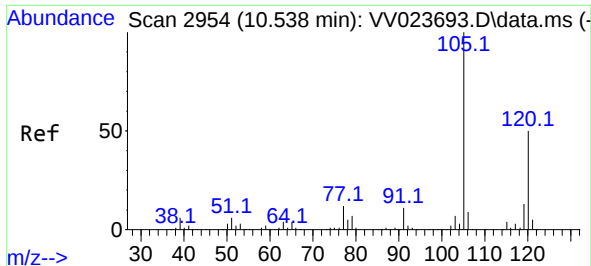


#61
1,2,3-Trichloropropane
Concen: 5.036 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15



Tgt Ion: 75 Resp: 26235
Ion Ratio Lower Upper
75 100
77 33.4 26.4 39.6
110 43.8 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.493 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV023708.D

Acq: 24 Nov 2021 18:15

Instrument :

MSVOA_V

ClientSampleId :

H4657MSD

Tgt Ion:105 Resp: 20046

Ion Ratio Lower Upper

105 100

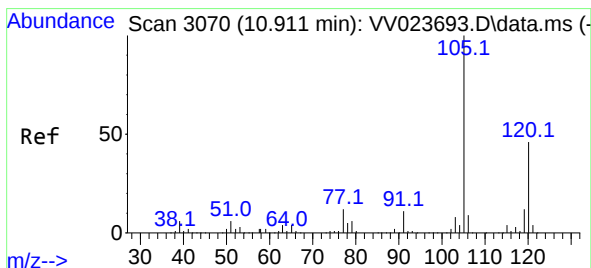
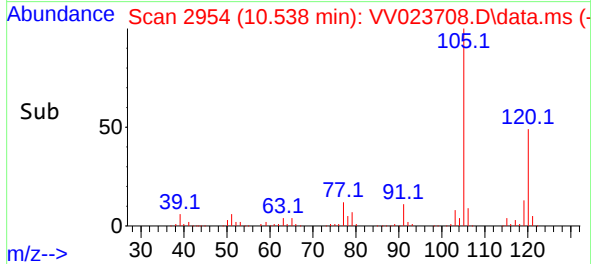
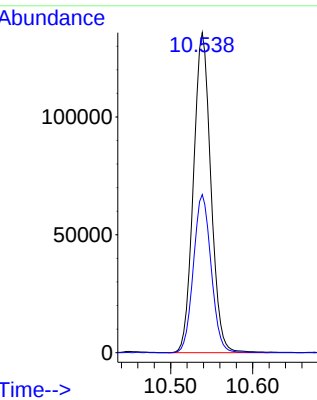
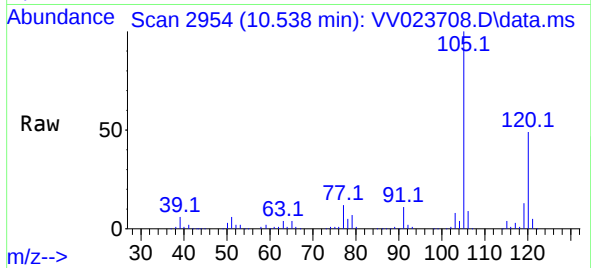
120 50.2 40.1 60.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/26/2021

Supervised By :Mahesh Dadoda 11/26/2021



#63

1,2,4-Trimethylbenzene

Concen: 5.585 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV023708.D

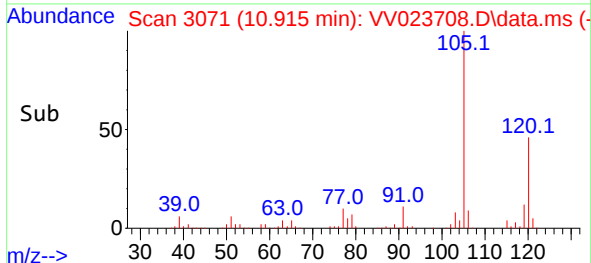
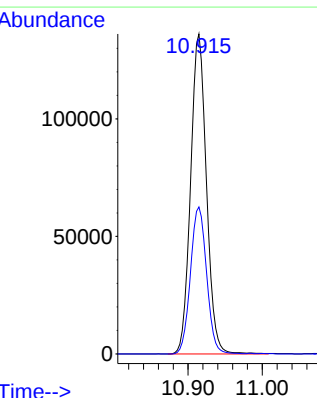
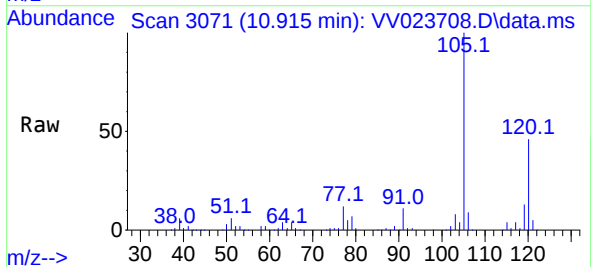
Acq: 24 Nov 2021 18:15

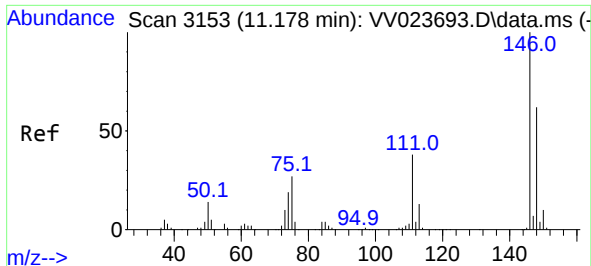
Tgt Ion:105 Resp: 201581

Ion Ratio Lower Upper

105 100

120 46.9 36.7 55.1





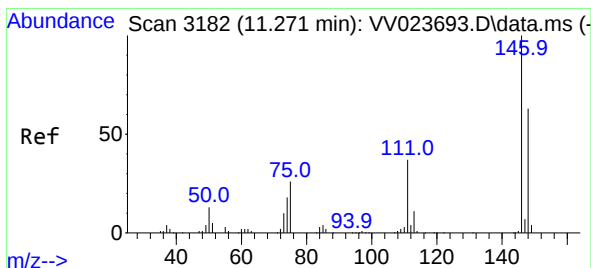
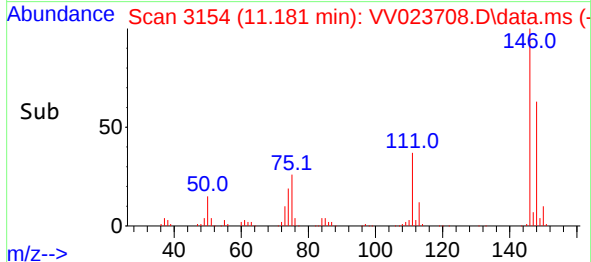
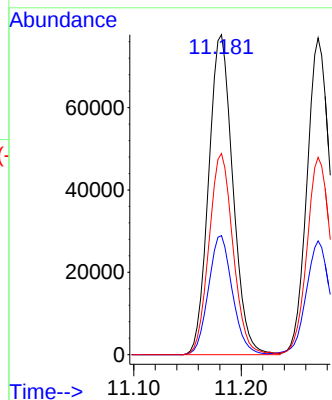
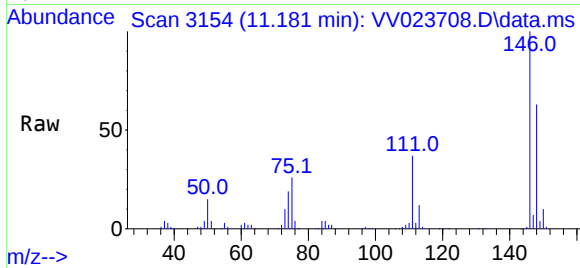
#64
1,3-Dichlorobenzene
Concen: 5.427 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

Instrument :
MSVOA_V
ClientSampleId :
H4657MSD

Tgt Ion:146 Resp: 121700
Ion Ratio Lower Upper
146 100
111 37.2 26.3 48.9
148 62.8 44.4 82.5

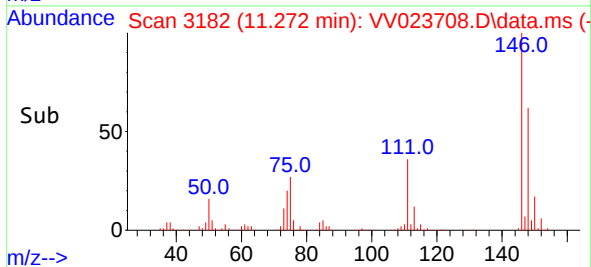
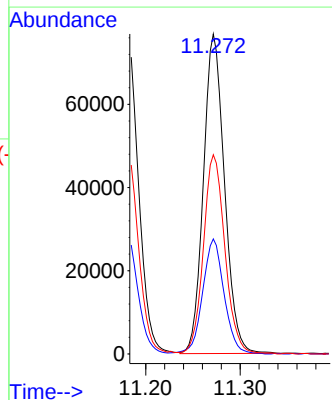
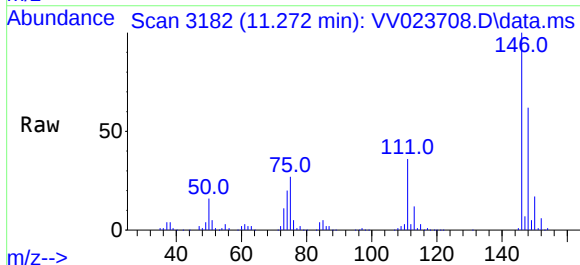
Manual Integrations
APPROVED

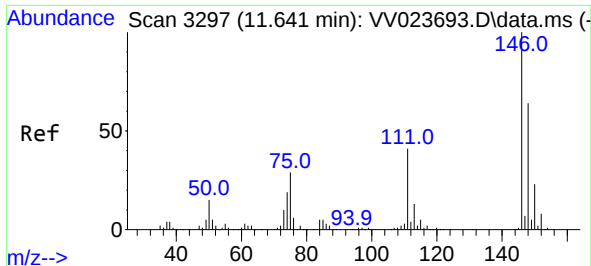
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#65
1,4-Dichlorobenzene
Concen: 5.278 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

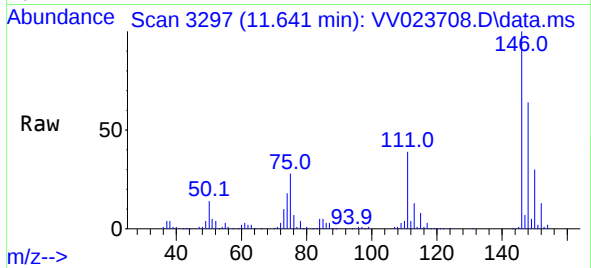
Tgt Ion:146 Resp: 118957
Ion Ratio Lower Upper
146 100
111 35.9 25.6 47.6
148 62.3 44.8 83.2





#67
1,2-Dichlorobenzene
Concen: 5.322 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

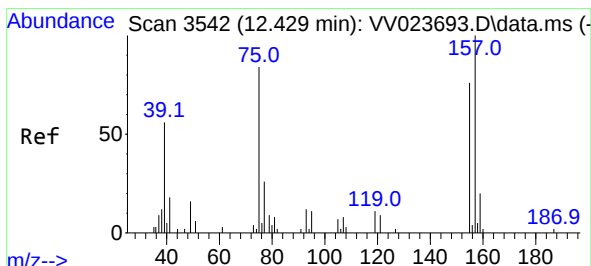
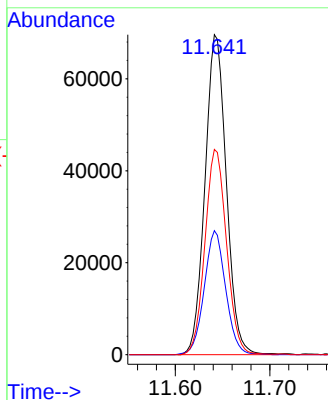
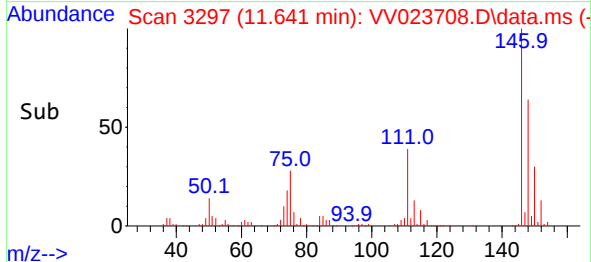
Instrument :
MSVOA_V
ClientSampleId :
H4657MSD



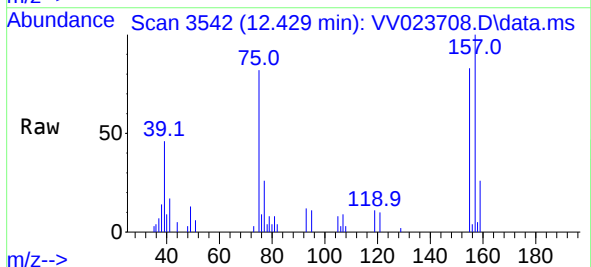
Tgt Ion:146 Resp: 109220
Ion Ratio Lower Upper
146 100
111 38.7 31.9 47.9
148 64.2 50.5 75.7

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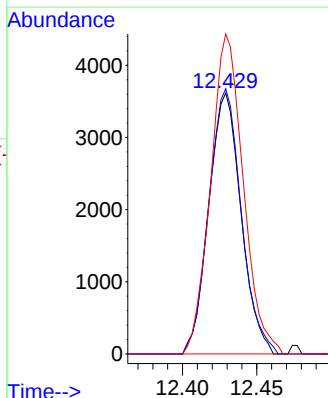
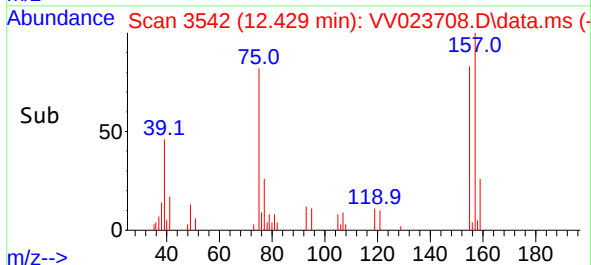
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

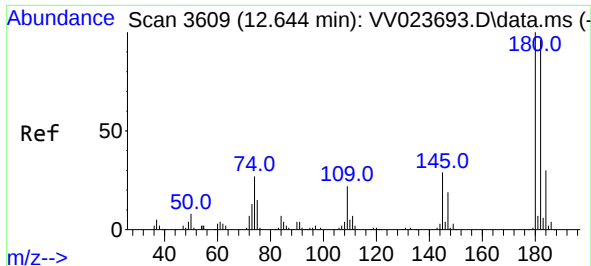


#68
1,2-Dibromo-3-chloropropane
Concen: 5.299 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15



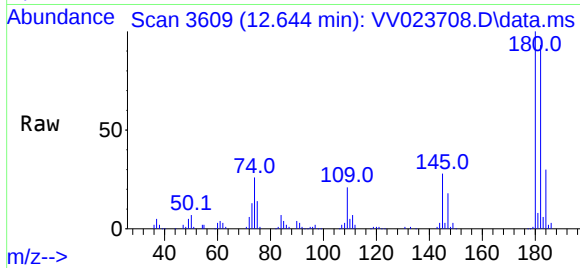
Tgt Ion: 75 Resp: 5482
Ion Ratio Lower Upper
75 100
155 101.6 71.7 107.5
157 122.5 103.3 154.9





#69
1,3,5-Trichlorobenzene
Concen: 5.322 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

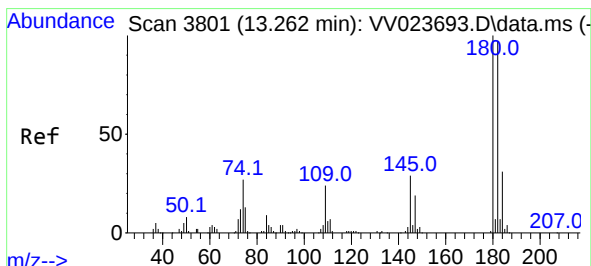
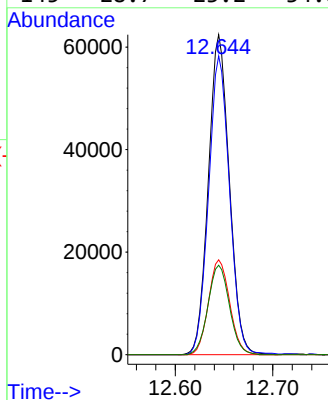
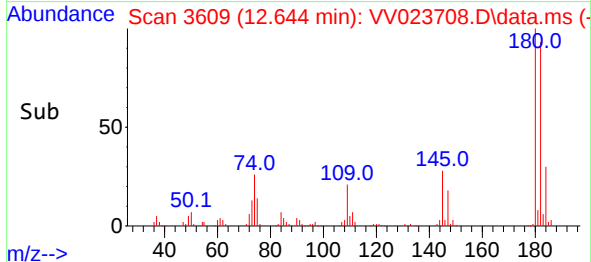
Instrument :
MSVOA_V
ClientSampleId :
H4657MSD



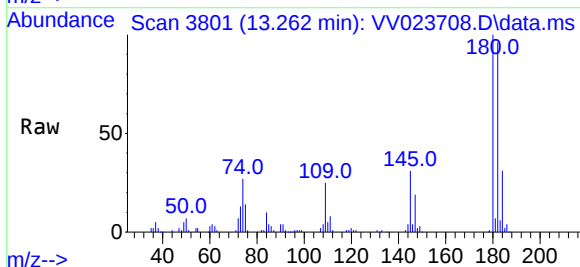
Tgt Ion:180	Resp:	9317	
Ion Ratio	Lower	Upper	
180	100		
182	93.6	76.4	114.6
184	30.1	24.2	36.4
145	28.7	23.2	34.8

Manual Integrations
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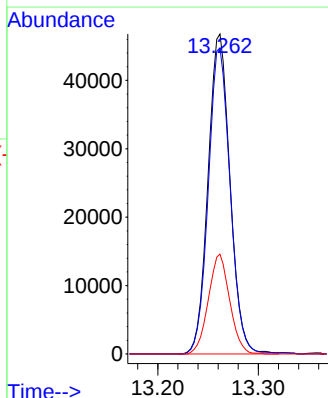
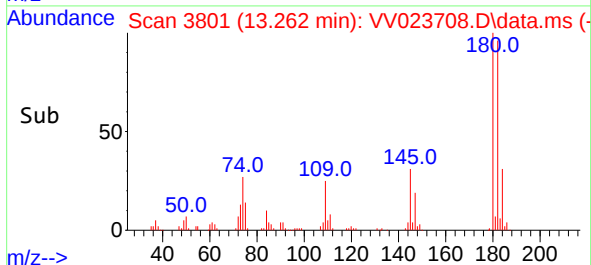
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021

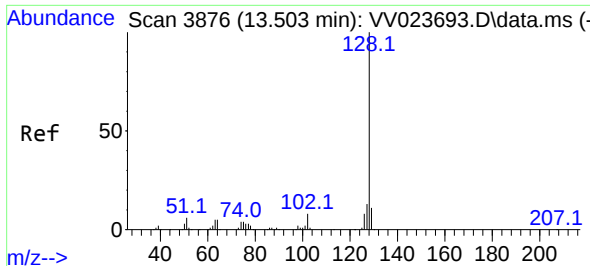


#70
1,2,4-trichlorobenzene
Concen: 5.233 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15



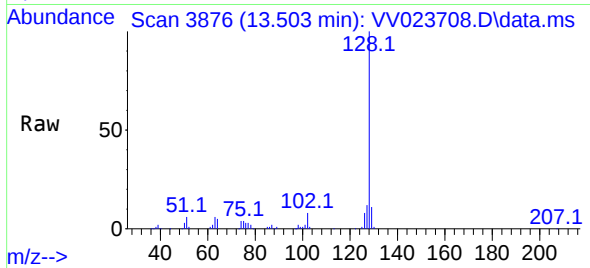
Tgt Ion:180	Resp:	71083	
Ion Ratio	Lower	Upper	
180	100		
182	95.2	74.4	111.6
145	30.2	23.3	34.9





#71
Naphthalene
Concen: 5.377 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15

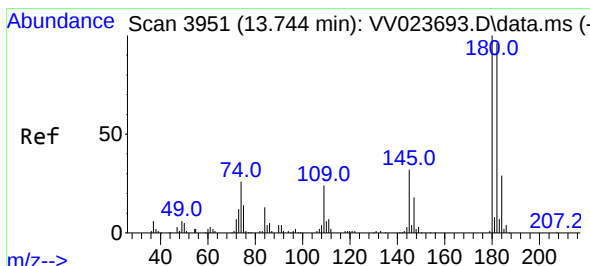
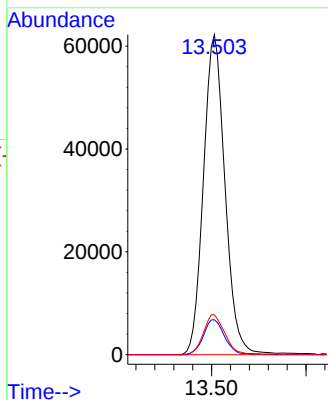
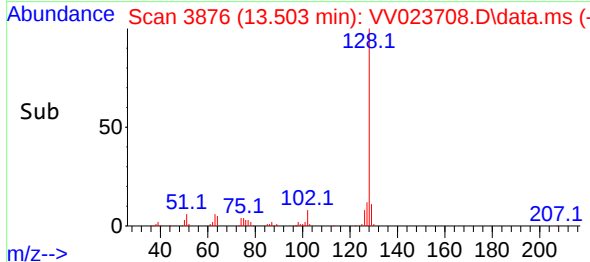
Instrument :
MSVOA_V
ClientSampleId :
H4657MSD



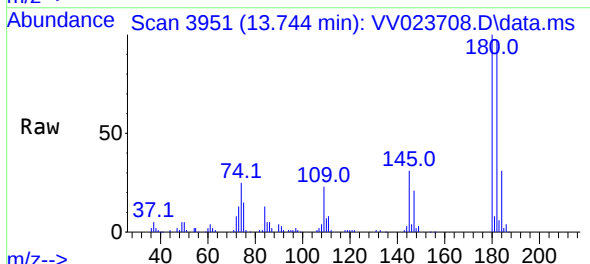
Tgt Ion:	128	Resp:	98304
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.0	13.4
127	12.3	10.2	15.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021



#72
1,2,3-Trichlorobenzene
Concen: 5.344 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023708.D
Acq: 24 Nov 2021 18:15



Tgt Ion:	180	Resp:	62909
Ion Ratio	Lower	Upper	
180	100		
182	95.7	76.8	115.2
145	31.0	25.8	38.6

