

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023238.D
 Acq On : 05 Nov 2021 17:34
 Operator : SY/MD
 Sample : M4535-04MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4621MS

Quant Time: Nov 09 03:24:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 02:04:24 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/10/2021
 Supervised By : Mahesh Dadoda 11/10/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	135562	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	133745	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73767	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41057	4.835	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.568	69	34302	4.956	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.108	63	78546	4.941	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	3.902	46	76809	52.498	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.000%
24) Chloroform-d	4.352	84	94995	5.249	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	5.037	65	43639	5.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.050	84	178812	5.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	6.072	67	53030	5.250	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.317	98	171429	5.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
43) trans-1,3-Dichloroprop...	7.625	79	19421	5.070	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.400%
46) 2-Hexanone-d5	8.092	63	79448	56.373	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.740%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39265	5.405	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	63524	5.172	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	66727	5.048	ug/L	99
3) Chloromethane	1.240	50	57358	5.104	ug/L	95
5) Vinyl chloride	1.311	62	56727	5.054	ug/L	98
6) Bromomethane	1.523	94	35852	4.997	ug/L	99
8) Chloroethane	1.584	64	32874	5.075	ug/L	97
9) Trichlorofluoromethane	1.754	101	84919	5.035	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	41543	4.893	ug/L	99
12) 1,1-Dichloroethene	2.118	96	40457	5.005	ug/L	95
13) Acetone	2.188	43	53518m	59.864	ug/L	
14) Carbon disulfide	2.294	76	150556	4.935	ug/L	99
15) Methyl Acetate	2.442	43	14869	5.877	ug/L #	89
16) Methylene chloride	2.507	84	50301	4.264	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	95835	5.385	ug/L	95
18) trans-1,2-Dichloroethene	2.761	96	50237	5.055	ug/L	97
19) 1,1-Dichloroethane	3.191	63	88763	5.290	ug/L	96
21) 2-Butanone	3.986	43	71843	49.706	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	50744	5.306	ug/L #	90
23) Bromochloromethane	4.253	128	22415	5.083	ug/L	88
25) Chloroform	4.378	83	94970	5.310	ug/L	98

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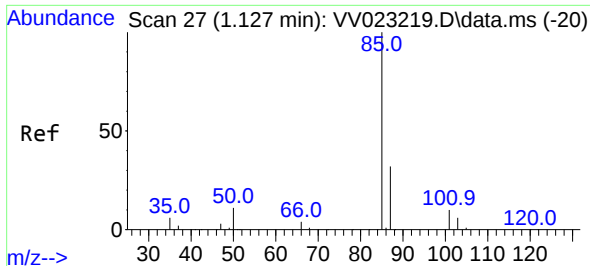
Quant Time: Nov 09 03:24:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
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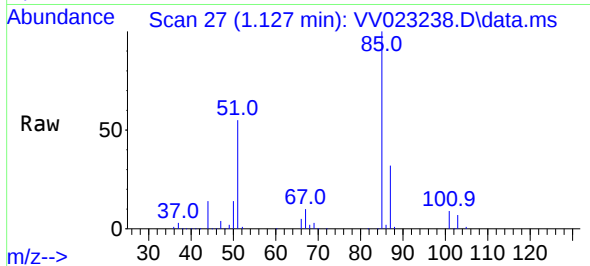
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	48747	5.124	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	82377	5.071	ug/L	100
30) Cyclohexane	4.677	56	72343	4.970	ug/L	99
31) Carbon tetrachloride	4.828	117	75345	5.165	ug/L	98
33) Benzene	5.101	78	199207	5.329	ug/L	100
34) Trichloroethene	5.915	95	49837	5.013	ug/L	99
35) Methylcyclohexane	6.133	83	74714	4.762	ug/L	96
37) 1,2-Dichloropropane	6.175	63	46584	5.338	ug/L	99
38) Bromodichloromethane	6.513	83	60312	5.157	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	57393	4.572	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	235246	58.121	ug/L	98
42) Toluene	7.391	91	220485	5.514	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	51958	4.989	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	32697	5.214	ug/L	98
47) Tetrachloroethene	7.976	164	43350	5.032	ug/L	98
48) 2-Hexanone	8.143	43	170010	59.944	ug/L	98
49) Dibromochloromethane	8.246	129	41965	5.282	ug/L	98
50) 1,2-Dibromoethane	8.355	107	30631	5.271	ug/L	97
51) Chlorobenzene	8.883	112	136831	5.149	ug/L	98
52) Ethylbenzene	9.014	91	217551	5.159	ug/L	98
53) m,p-xylene	9.140	106	84874	5.128	ug/L	95
54) o-xylene	9.545	106	81678	5.261	ug/L	97
55) Styrene	9.561	104	139345	5.239	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.243	83	37264	5.424	ug/L	98
59) Bromoform	9.731	173	22641	5.139	ug/L #	97
60) Isopropylbenzene	9.934	105	219341	5.182	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	26472	5.402	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	175836	5.010	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	182725	5.230	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	111255	5.144	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	110945	5.023	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	101702	5.255	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5618	5.381	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	81757	4.828	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	64242	4.737	ug/L	98
71) Naphthalene	13.503	128	95680	4.785	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	59324	5.000	ug/L	98

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



#2
 Dichlorodifluoromethane
 Concen: 5.048 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023238.D
 Acq: 05 Nov 2021 17:34

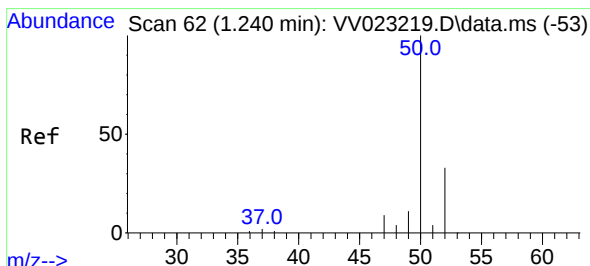
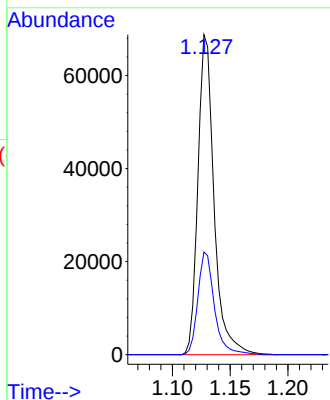
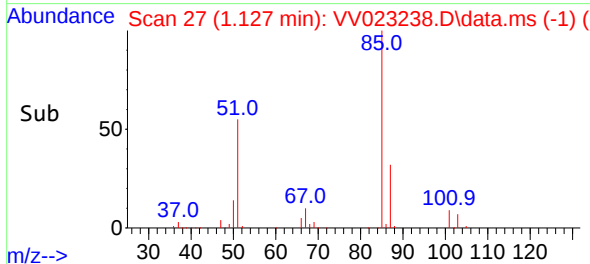
Instrument :
 MSVOA_V
 ClientSampleId :
 H4621MS



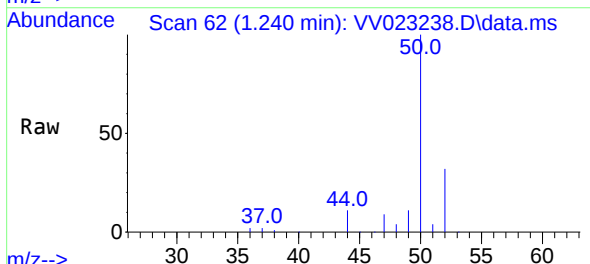
Tgt Ion: 85 Resp: 6672
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.6 39.8

Manual Integrations
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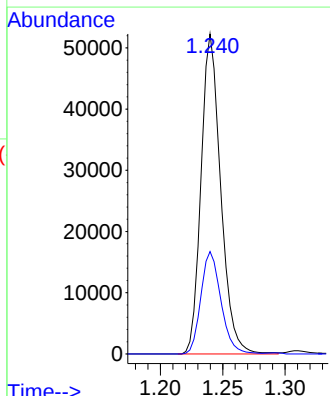
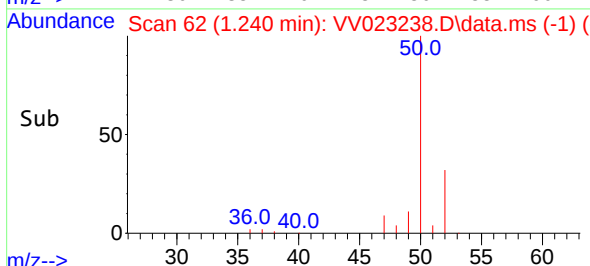
Reviewed By :John Carlone 11/10/2021
 Supervised By :Mahesh Dadoda 11/10/2021



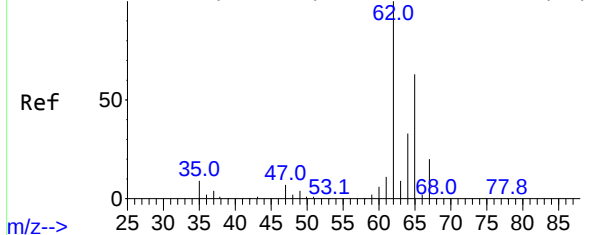
#3
 Chloromethane
 Concen: 5.104 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV023238.D
 Acq: 05 Nov 2021 17:34



Tgt Ion: 50 Resp: 57358
 Ion Ratio Lower Upper
 50 100
 52 32.0 24.3 45.1



Abundance Scan 84 (1.311 min): VV023219.D\data.ms (-76)



#5

Vinyl chloride

Concen: 5.054 ug/L

RT: 1.311 min Scan# 84

Delta R.T. -0.000 min

Lab File: VV023238.D

Acq: 05 Nov 2021 17:34

Instrument :

MSVOA_V

ClientSampleId :

H4621MS

Tgt Ion: 62 Resp: 5672

Ion Ratio Lower Upper

62 100

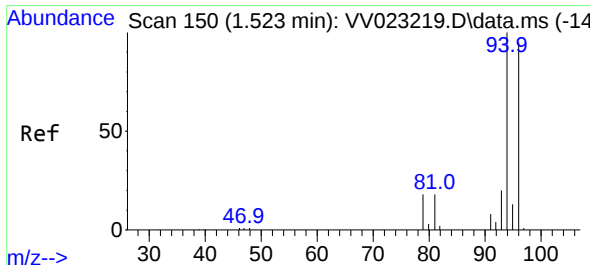
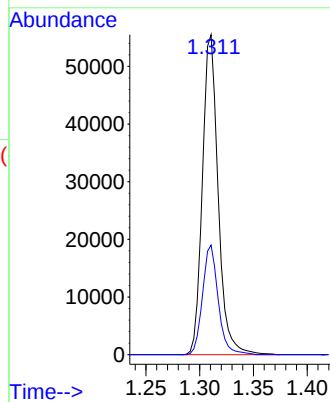
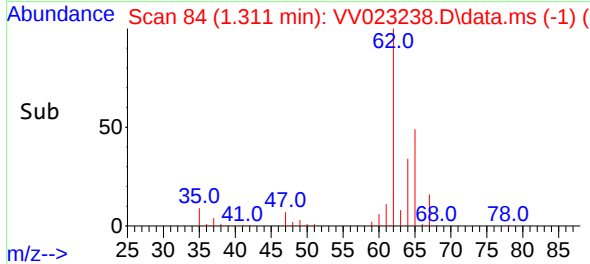
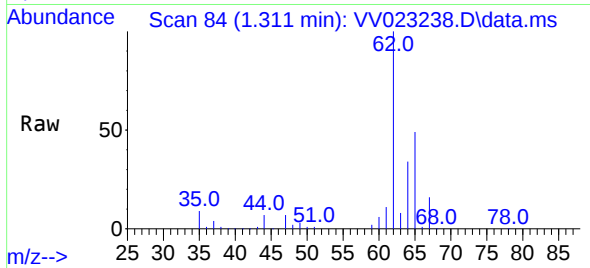
64 34.3 23.1 42.9

Manual Integrations

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Supervised By :Mahesh Dadoda 11/10/2021



#6

Bromomethane

Concen: 4.997 ug/L

RT: 1.523 min Scan# 150

Delta R.T. -0.000 min

Lab File: VV023238.D

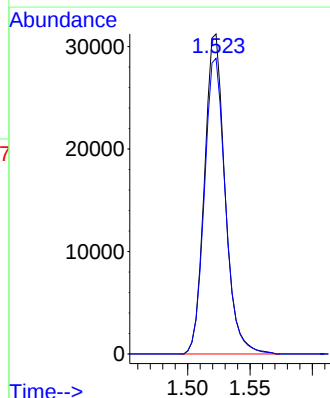
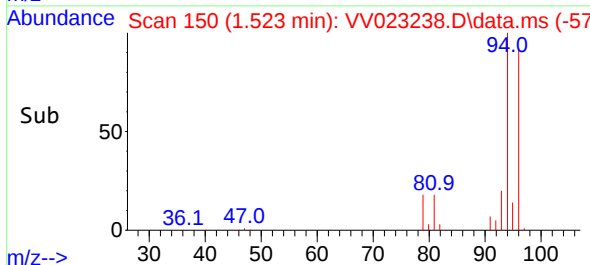
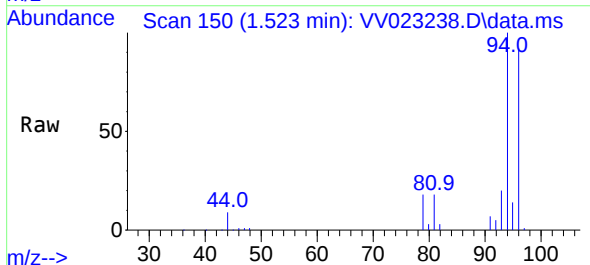
Acq: 05 Nov 2021 17:34

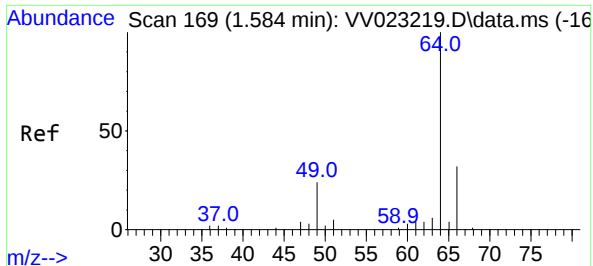
Tgt Ion: 94 Resp: 35852

Ion Ratio Lower Upper

94 100

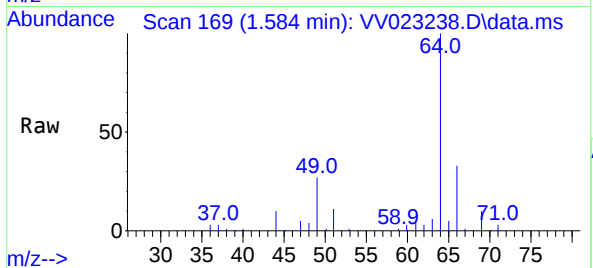
96 92.4 65.0 120.8





#8
Chloroethane
Concen: 5.075 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

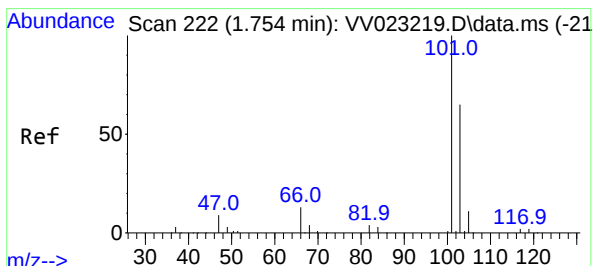
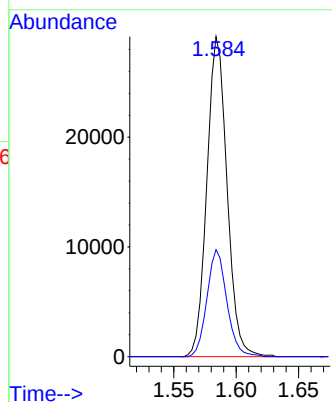
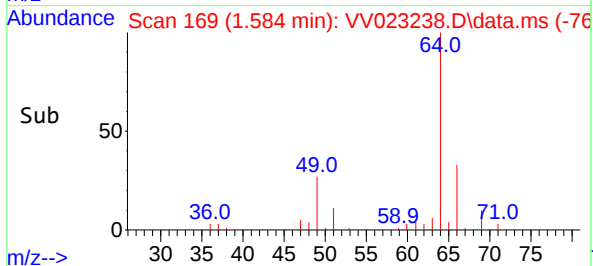
Instrument :
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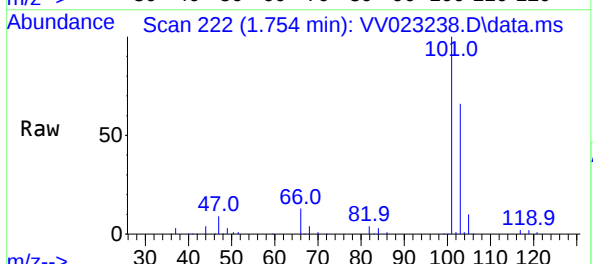
Tgt Ion: 64 Resp: 32874
Ion Ratio Lower Upper
64 100
66 33.5 22.1 41.1

Manual Integrations
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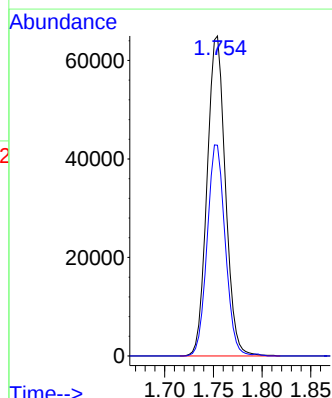
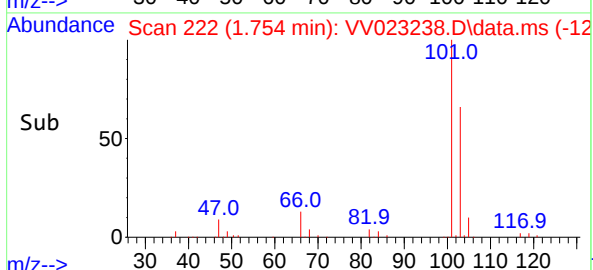
Reviewed By :John Carlone 11/10/2021
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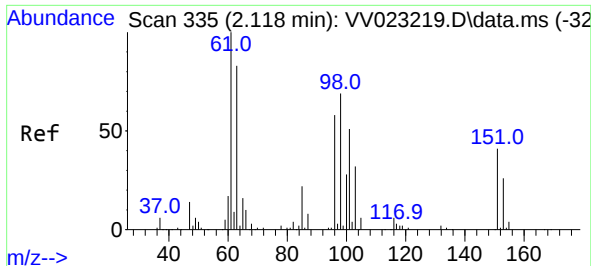


#9
Trichlorofluoromethane
Concen: 5.035 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34



Tgt Ion:101 Resp: 84919
Ion Ratio Lower Upper
101 100
103 65.0 52.6 79.0





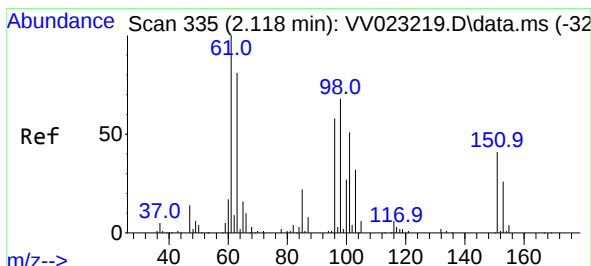
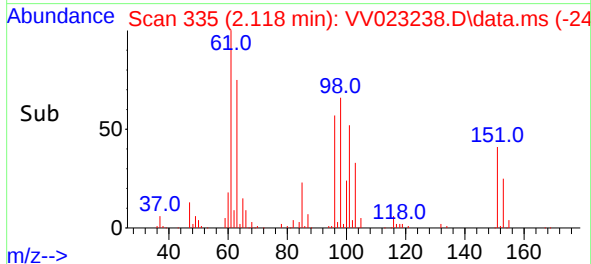
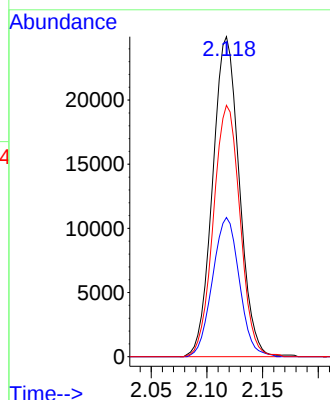
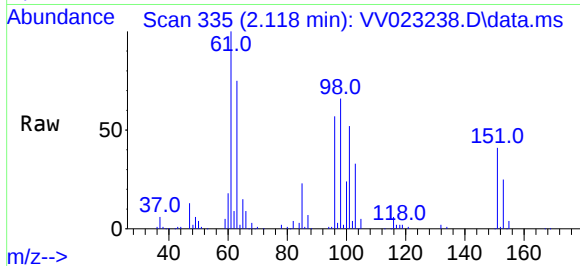
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.893 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Instrument :
MSVOA_V
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Tgt Ion:101 Resp: 4154
Ion Ratio Lower Upper
101 100
85 43.8 35.3 52.9
151 78.7 62.2 93.2

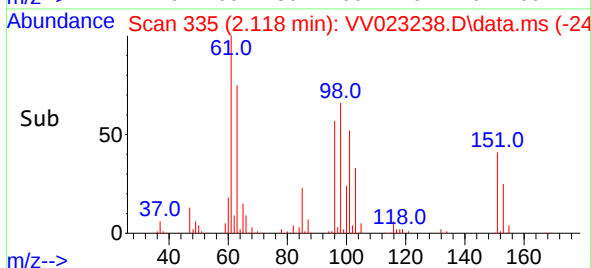
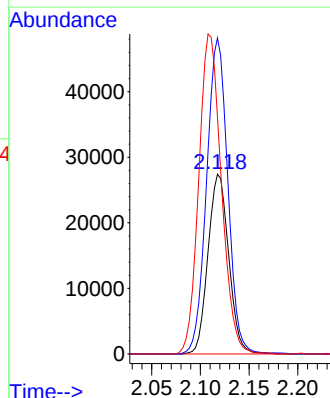
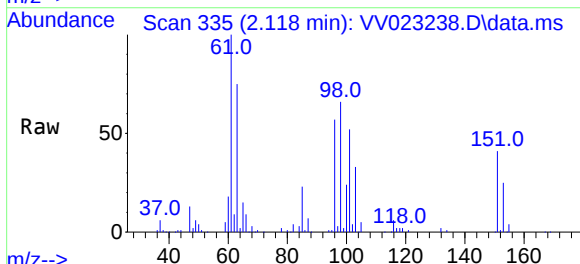
Manual Integrations
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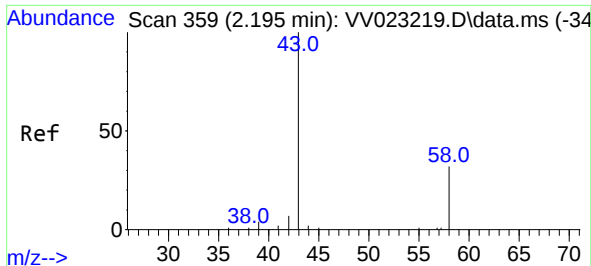
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#12
1,1-Dichloroethene
Concen: 5.005 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

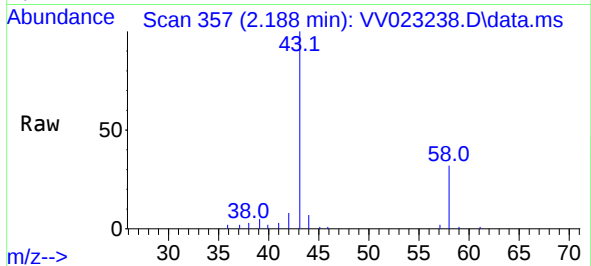
Tgt Ion: 96 Resp: 40457
Ion Ratio Lower Upper
96 100
61 175.7 121.5 225.7
63 131.7 99.6 185.0





#13
Acetone
Concen: 59.864 ug/L m
RT: 2.188 min Scan# 3
Delta R.T. -0.006 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

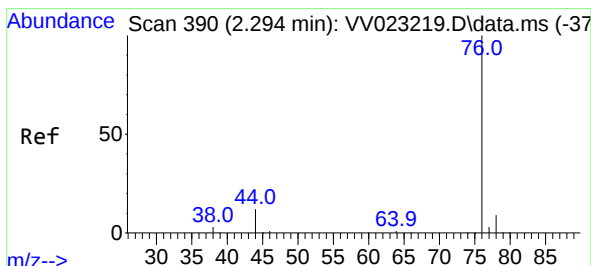
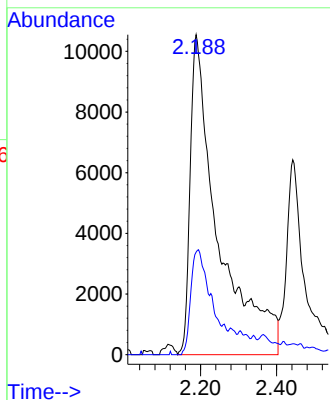
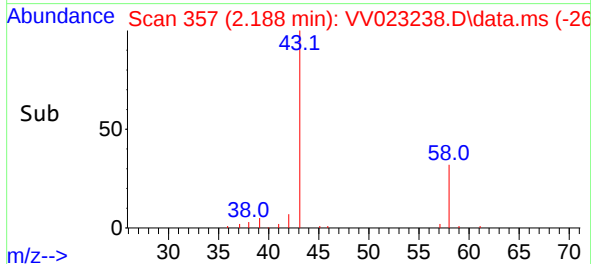
Instrument :
MSVOA_V
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Tgt Ion: 43 Resp: 53518
Ion Ratio Lower Upper
43 100
58 22.9 0.0 55.4

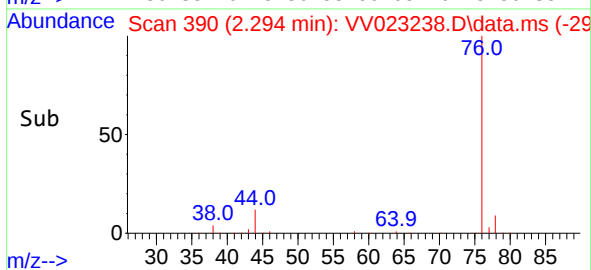
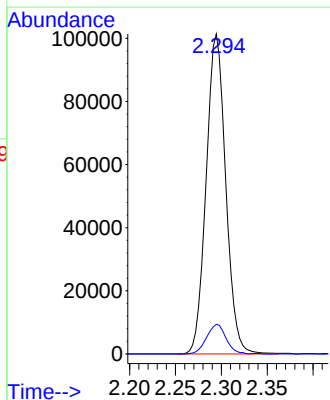
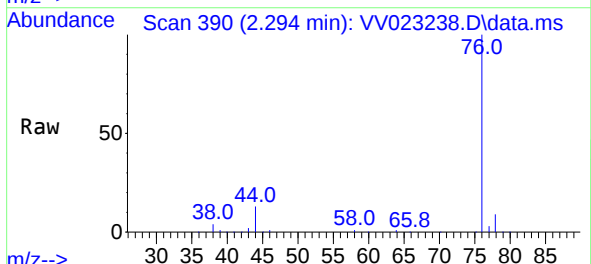
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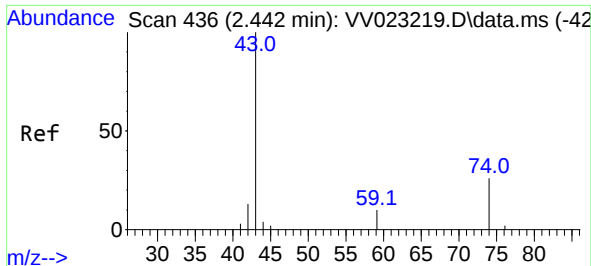
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#14
Carbon disulfide
Concen: 4.935 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

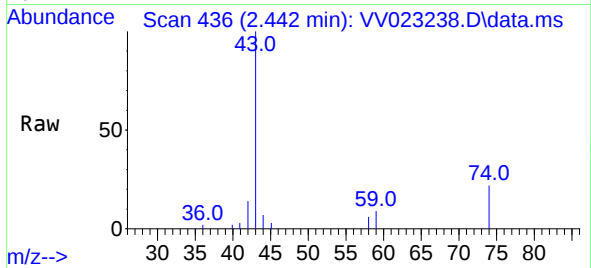
Tgt Ion: 76 Resp: 150556
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8





#15
Methyl Acetate
Concen: 5.877 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

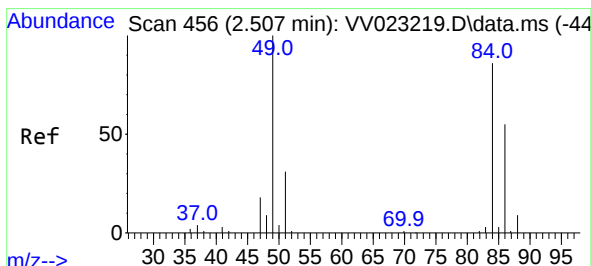
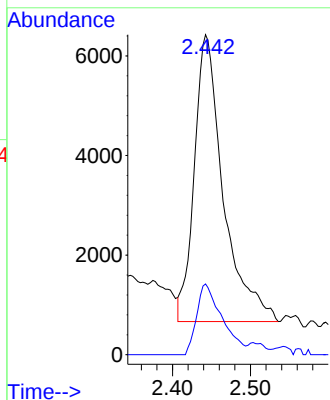
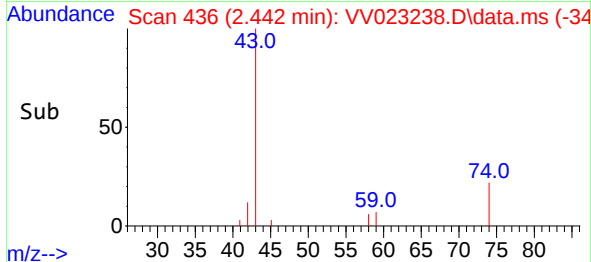
Instrument :
MSVOA_V
ClientSampleId :
H4621MS



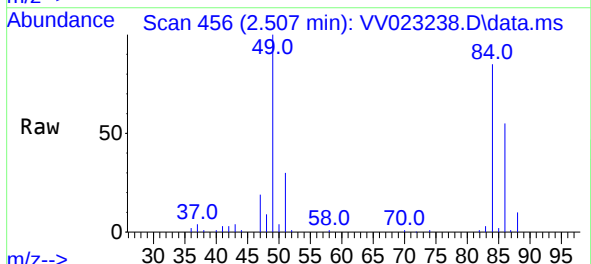
Tgt Ion: 43 Resp: 14869
Ion Ratio Lower Upper
43 100
74 21.7 22.2 33.2

Manual Integrations
APPROVED

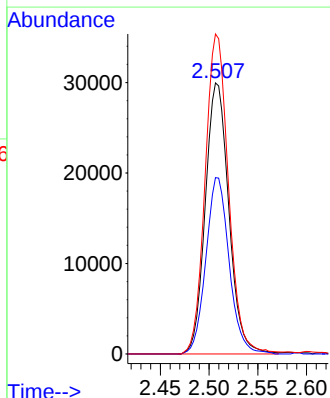
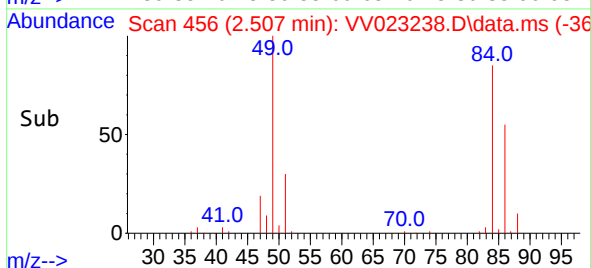
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021

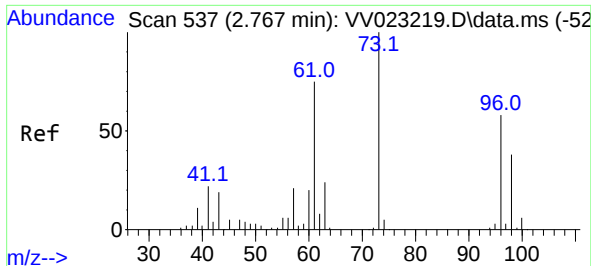


#16
Methylene chloride
Concen: 4.264 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34



Tgt Ion: 84 Resp: 50301
Ion Ratio Lower Upper
84 100
86 65.0 42.3 78.5
49 118.1 79.7 148.1





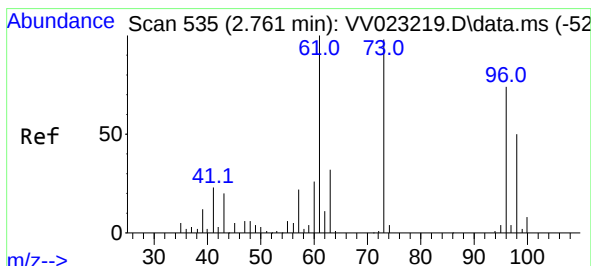
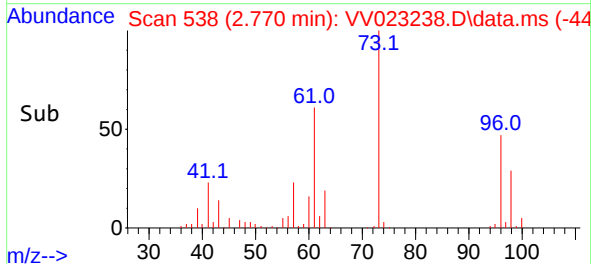
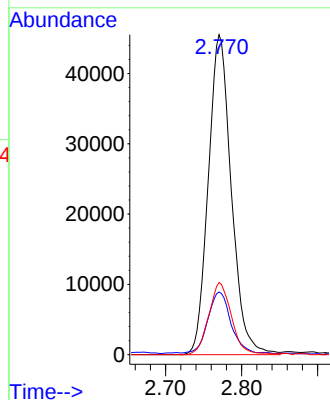
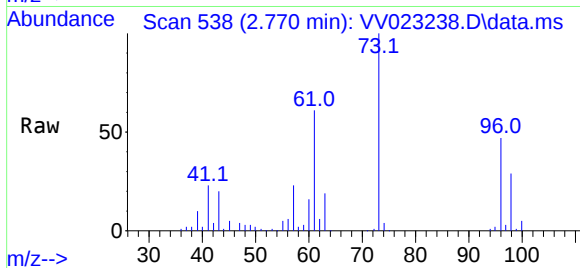
#17
Methyl tert-butyl Ether
Concen: 5.385 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Instrument :
MSVOA_V
ClientSampleId :
H4621MS

Tgt Ion: 73 Resp: 9583
Ion Ratio Lower Upper
73 100
43 18.7 17.4 26.0
57 22.3 16.5 24.7

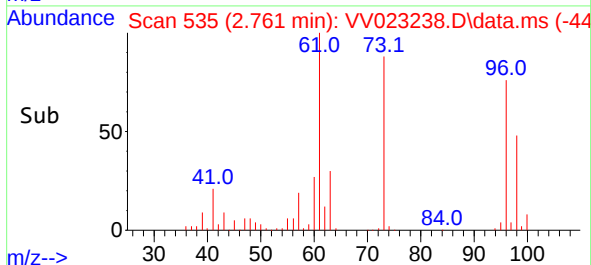
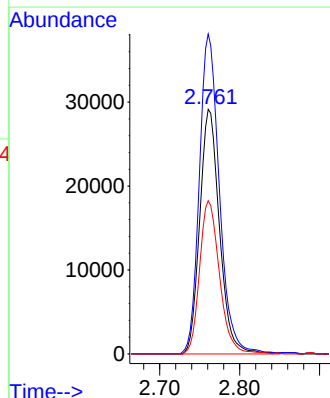
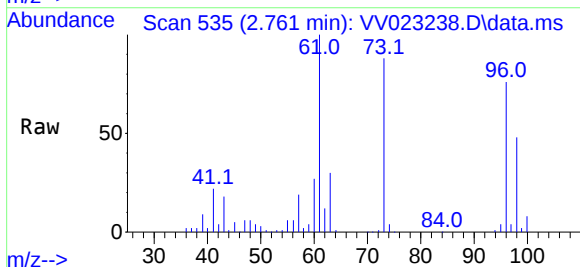
Manual Integrations
APPROVED

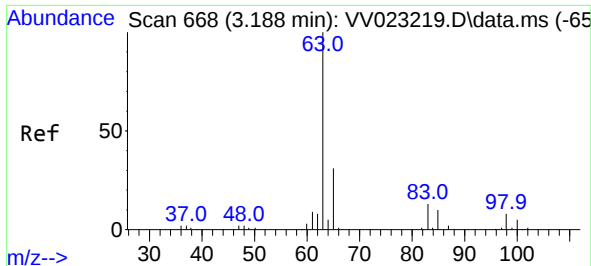
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#18
trans-1,2-Dichloroethene
Concen: 5.055 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Tgt Ion: 96 Resp: 50237
Ion Ratio Lower Upper
96 100
61 130.8 93.2 173.2
98 62.6 47.0 87.2





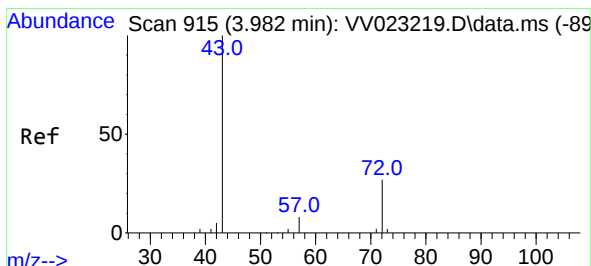
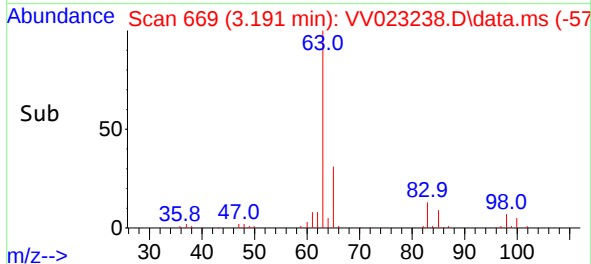
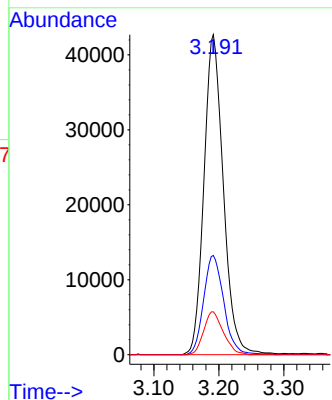
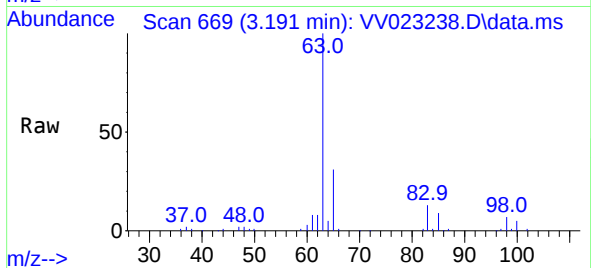
#19
1,1-Dichloroethane
Concen: 5.290 ug/L
RT: 3.191 min Scan# 609
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Instrument :
MSVOA_V
ClientSampleId :
H4621MS

Tgt Ion: 63 Resp: 8876
Ion Ratio Lower Upper
63 100
65 31.0 22.6 42.0
83 13.4 11.1 20.7

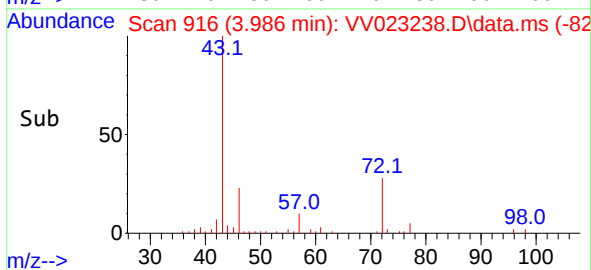
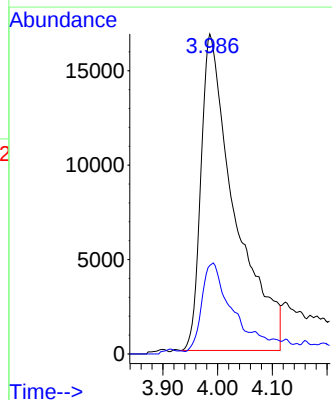
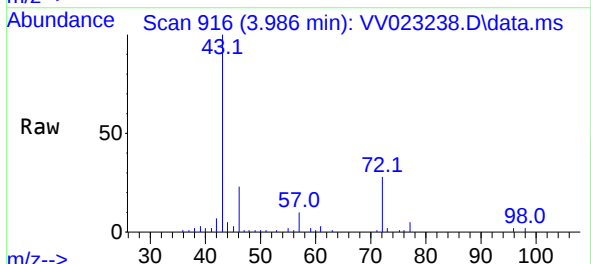
Manual Integrations
APPROVED

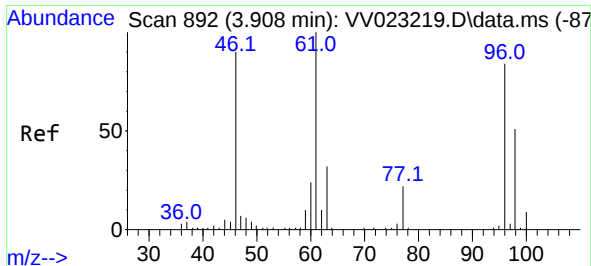
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#21
2-Butanone
Concen: 49.706 ug/L
RT: 3.986 min Scan# 916
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

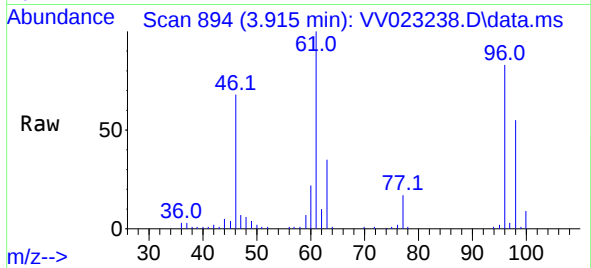
Tgt Ion: 43 Resp: 71843
Ion Ratio Lower Upper
43 100
72 23.0 11.9 35.9





#22
cis-1,2-Dichloroethene
Concen: 5.306 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

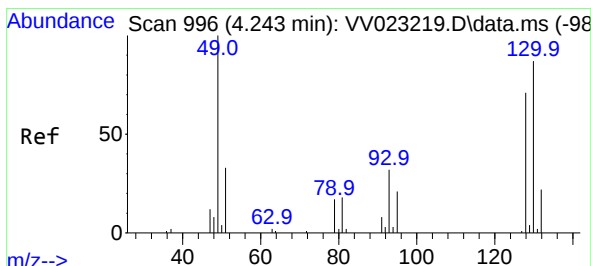
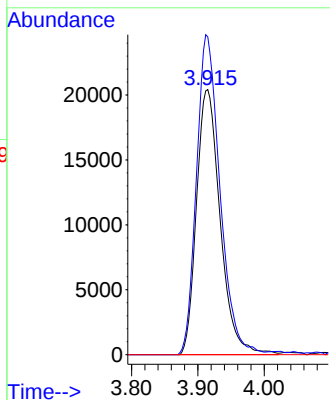
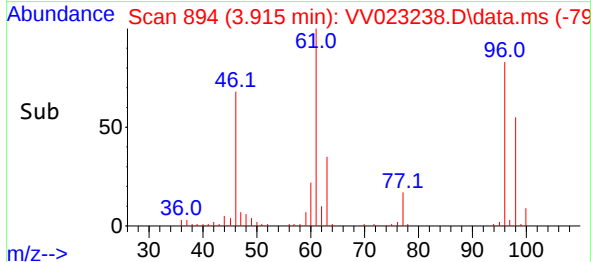
Instrument :
MSVOA_V
ClientSampleId :
H4621MS



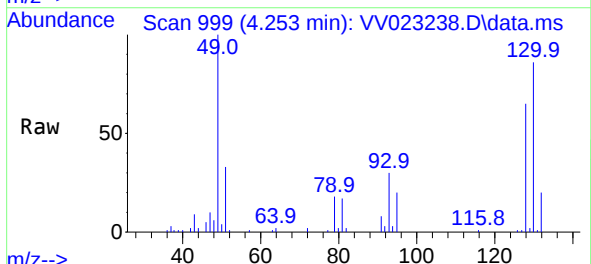
Tgt Ion: 96 Resp: 50744
Ion Ratio Lower Upper
96 100
61 119.8 92.3 171.3
68 0.0 0.4 0.8

Manual Integrations
APPROVED

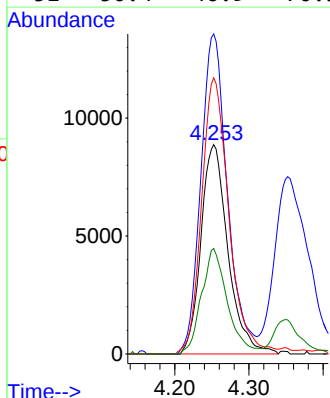
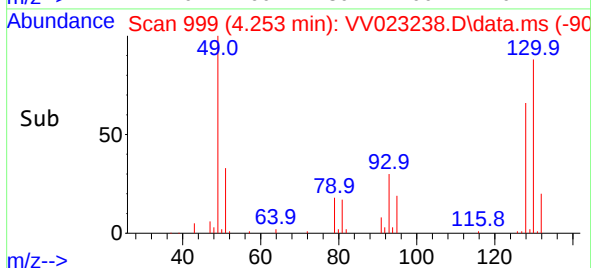
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021

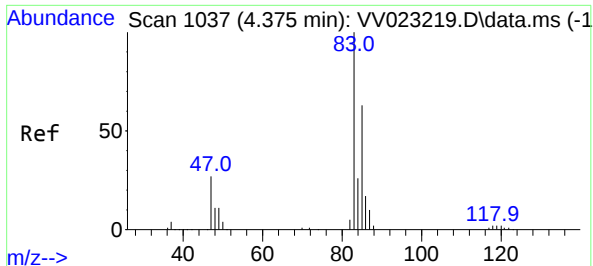


#23
Bromochloromethane
Concen: 5.083 ug/L
RT: 4.253 min Scan# 999
Delta R.T. 0.010 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34



Tgt Ion:128 Resp: 22415
Ion Ratio Lower Upper
128 100
49 152.9 126.1 234.3
130 132.0 95.2 176.8
51 50.4 46.9 70.3





#25

Chloroform

Concen: 5.310 ug/L

RT: 4.378 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV023238.D

Acq: 05 Nov 2021 17:34

Instrument :

MSVOA_V

ClientSampleId :

H4621MS

Tgt Ion: 83 Resp: 94970

Ion Ratio Lower Upper

83 100

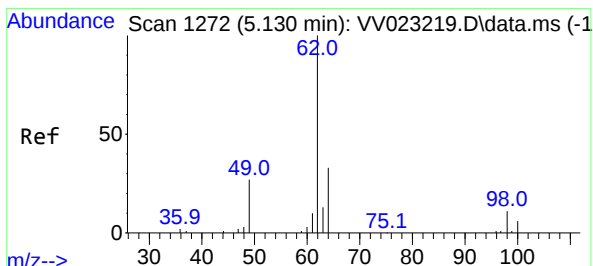
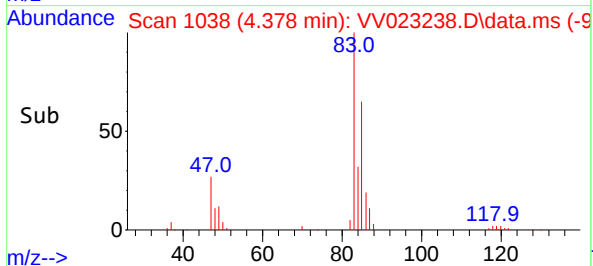
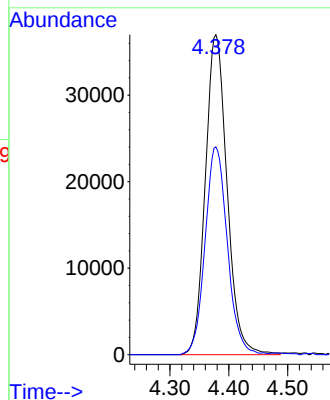
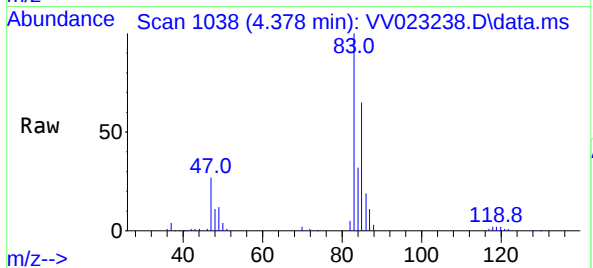
85 64.9 46.8 86.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/10/2021



#27

1,2-Dichloroethane

Concen: 5.124 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV023238.D

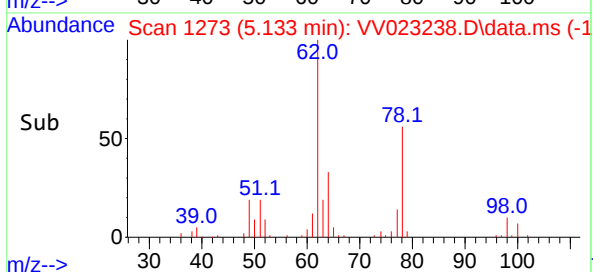
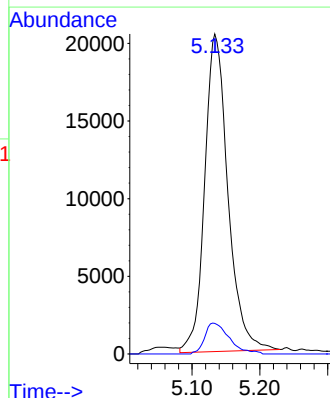
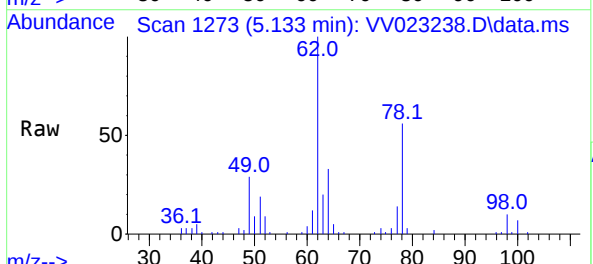
Acq: 05 Nov 2021 17:34

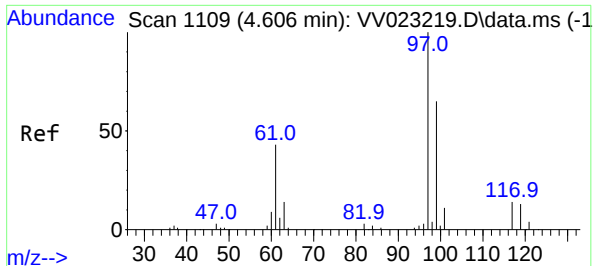
Tgt Ion: 62 Resp: 48747

Ion Ratio Lower Upper

62 100

98 9.6 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 5.071 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV023238.D

Acq: 05 Nov 2021 17:34

Instrument :

MSVOA_V

ClientSampleId :

H4621MS

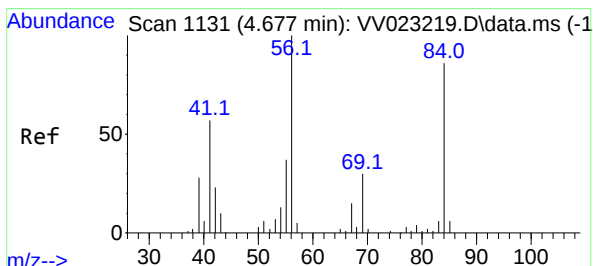
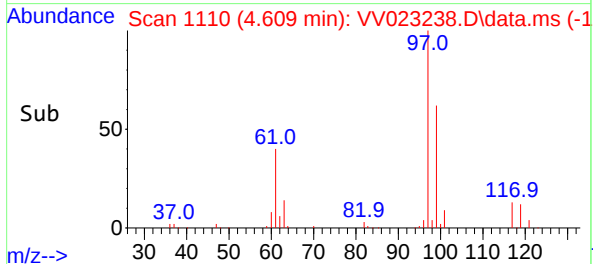
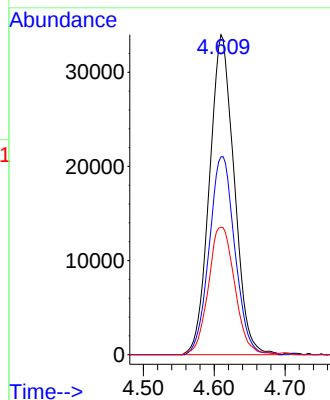
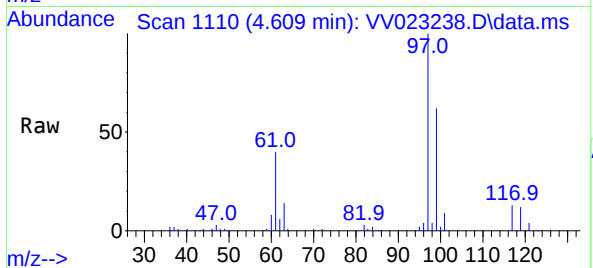
Tgt Ion: 97	Resp: 8237
Ion Ratio	Lower Upper
97	100
99	64.3 51.0 76.4
61	42.6 34.1 51.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/10/2021



#30

Cyclohexane

Concen: 4.970 ug/L

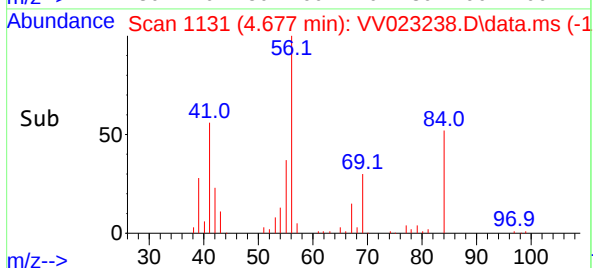
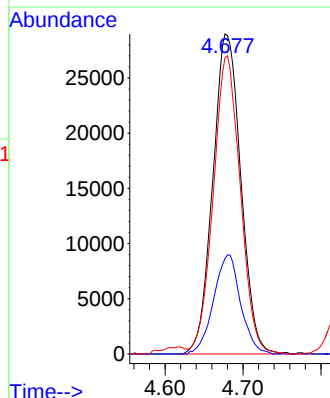
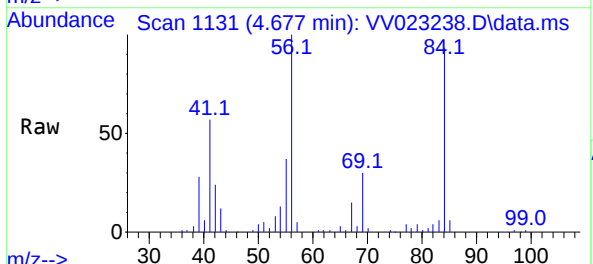
RT: 4.677 min Scan# 1131

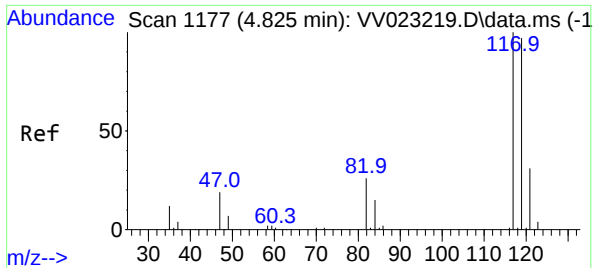
Delta R.T. -0.000 min

Lab File: VV023238.D

Acq: 05 Nov 2021 17:34

Tgt Ion: 56	Resp: 72343
Ion Ratio	Lower Upper
56	100
69	29.9 23.5 35.3
84	90.2 71.6 107.4





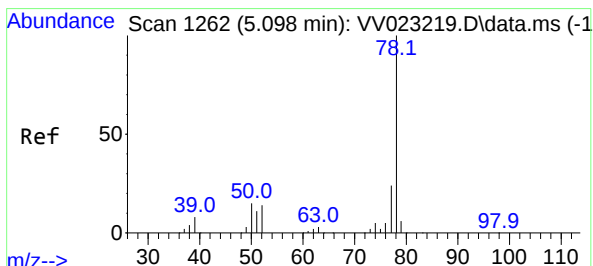
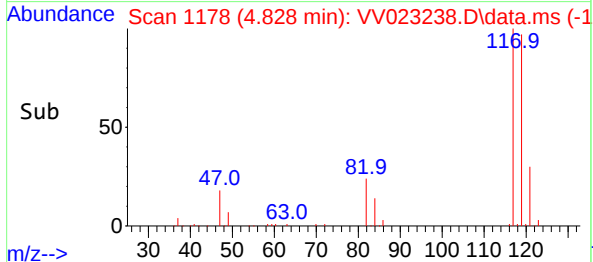
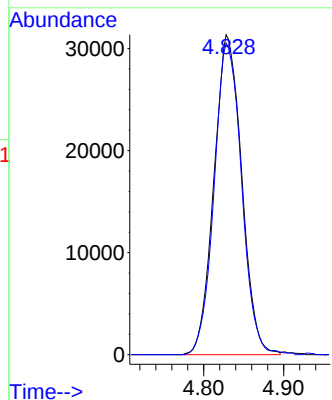
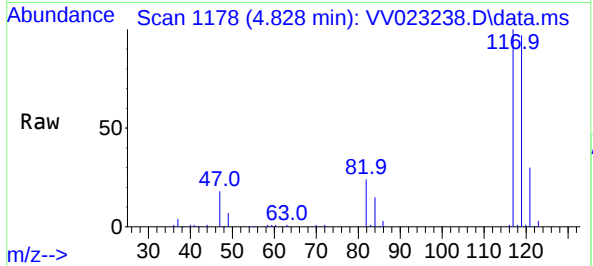
#31
Carbon tetrachloride
Concen: 5.165 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Instrument :
MSVOA_V
ClientSampleId :
H4621MS

Tgt Ion:117 Resp: 7534
Ion Ratio Lower Upper
117 100
119 96.5 78.8 118.2

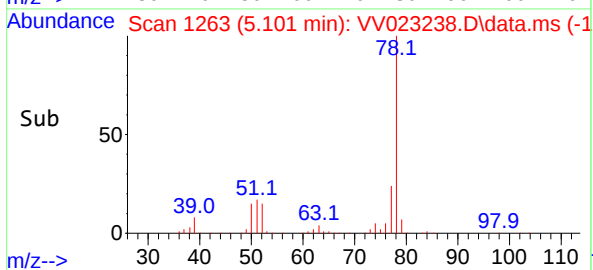
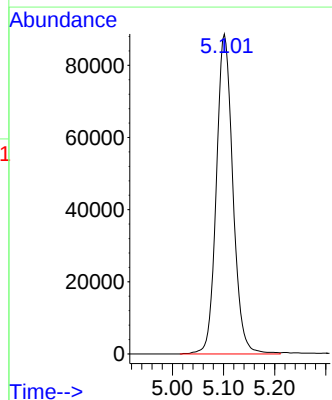
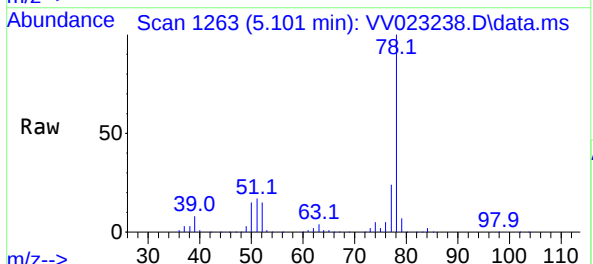
Manual Integrations
APPROVED

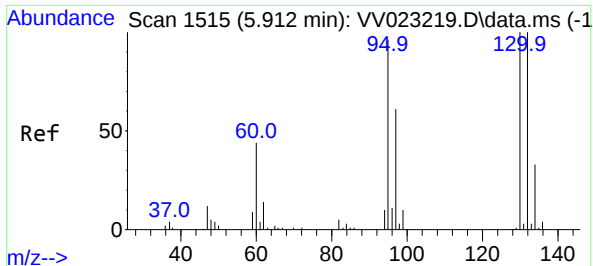
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#33
Benzene
Concen: 5.329 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

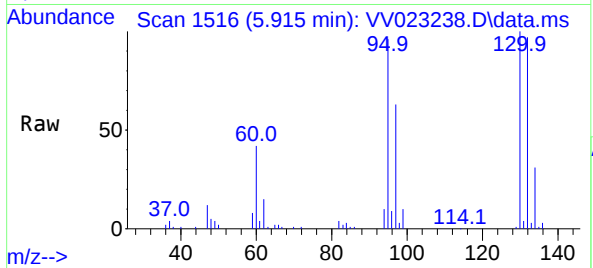
Tgt Ion: 78 Resp: 199207





#34
Trichloroethene
Concen: 5.013 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

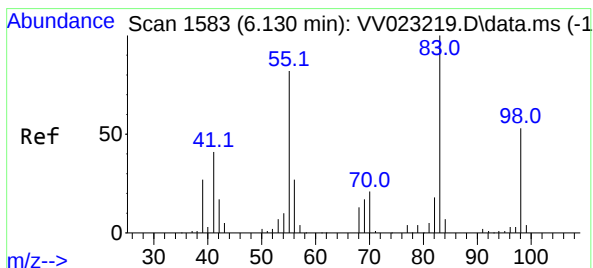
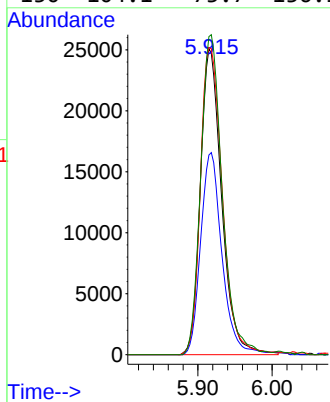
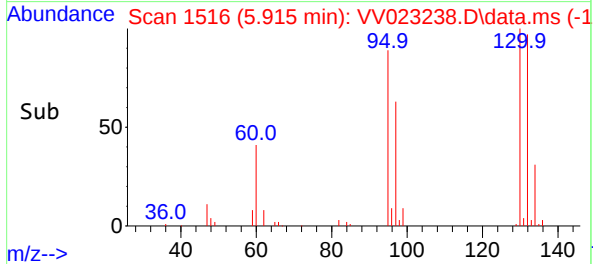
Instrument :
MSVOA_V
ClientSampleId :
H4621MS



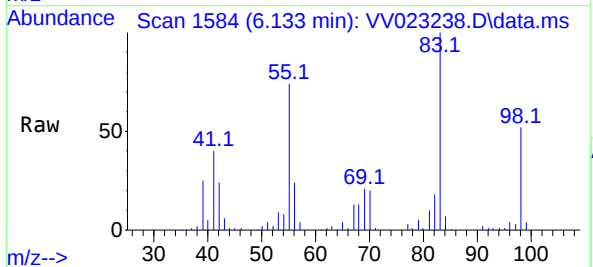
Tgt Ion: 95 Resp: 4983
Ion Ratio Lower Upper
95 100
97 65.3 45.0 83.6
132 100.5 69.7 129.4
130 104.1 73.7 136.9

Manual Integrations
APPROVED

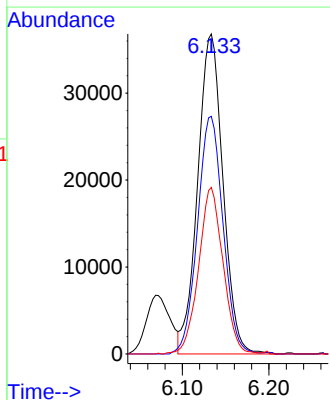
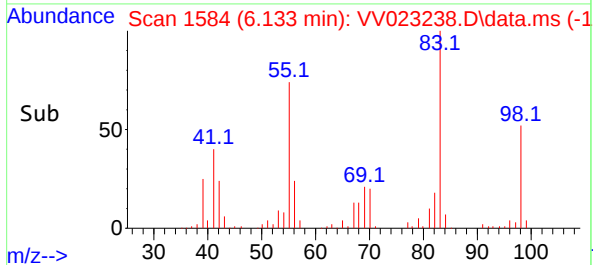
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021

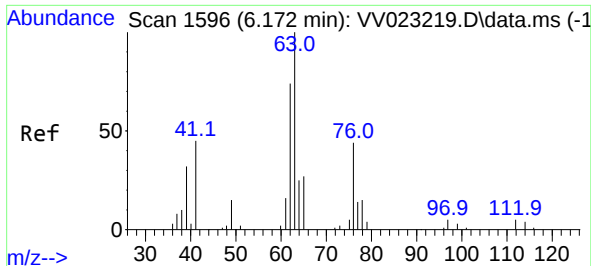


#35
Methylcyclohexane
Concen: 4.762 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34



Tgt Ion: 83 Resp: 74714
Ion Ratio Lower Upper
83 100
55 74.9 62.8 94.2
98 50.3 37.9 56.9





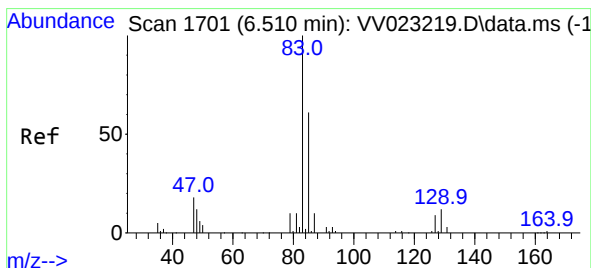
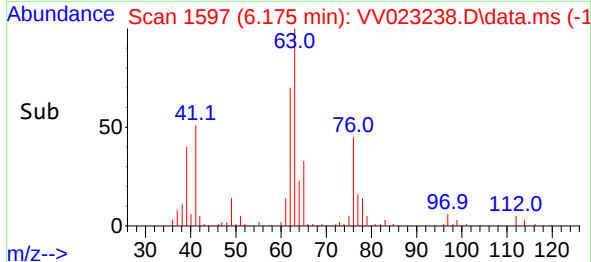
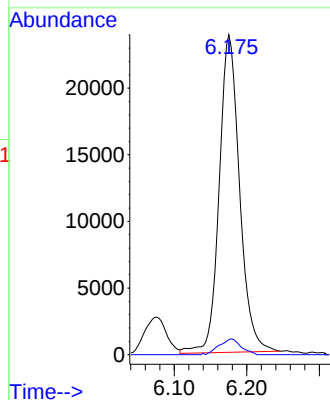
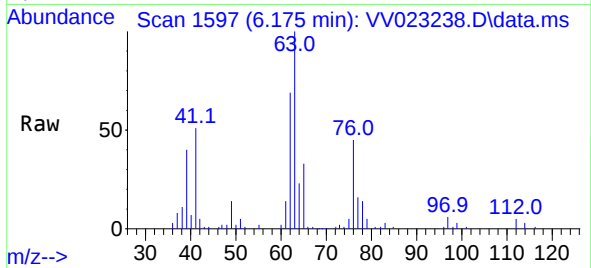
#37
1,2-Dichloropropane
Concen: 5.338 ug/L
RT: 6.175 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Instrument :
MSVOA_V
ClientSampleId :
H4621MS

Tgt Ion: 63 Resp: 46584
Ion Ratio Lower Upper
63 100
112 5.3 4.6 6.8

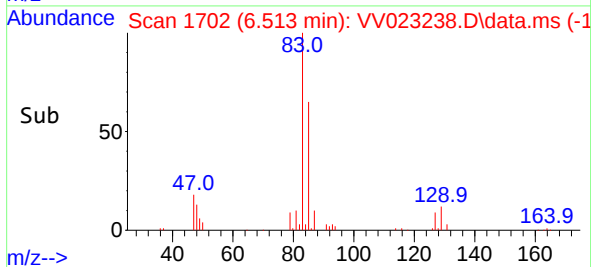
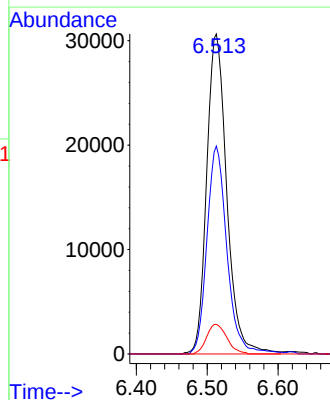
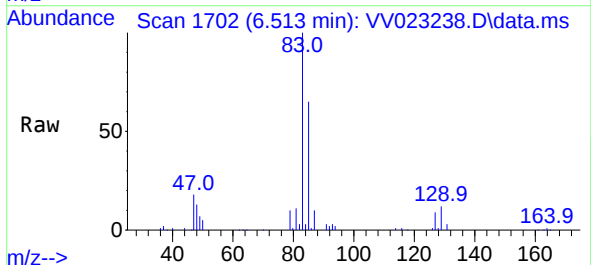
Manual Integrations
APPROVED

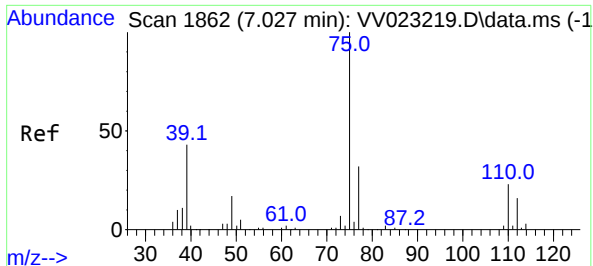
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#38
Bromodichloromethane
Concen: 5.157 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Tgt Ion: 83 Resp: 60312
Ion Ratio Lower Upper
83 100
85 64.9 46.1 85.7
127 9.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.572 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. 0.003 min

Lab File: VV023238.D

Acq: 05 Nov 2021 17:34

Instrument :

MSVOA_V

ClientSampleId :

H4621MS

Tgt Ion: 75 Resp: 5739

Ion Ratio Lower Upper

75 100

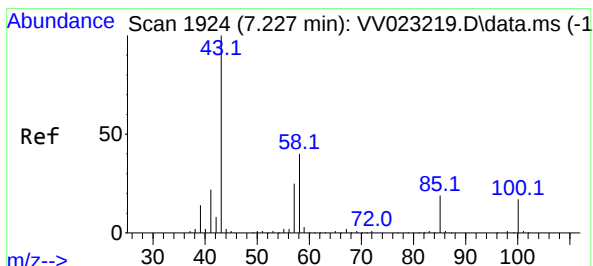
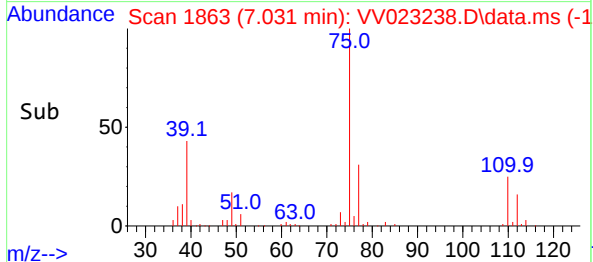
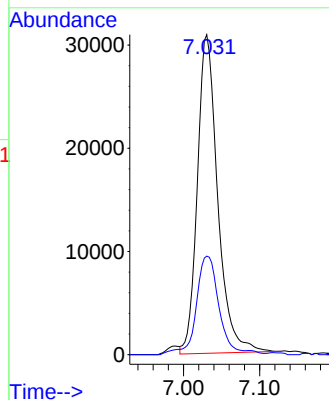
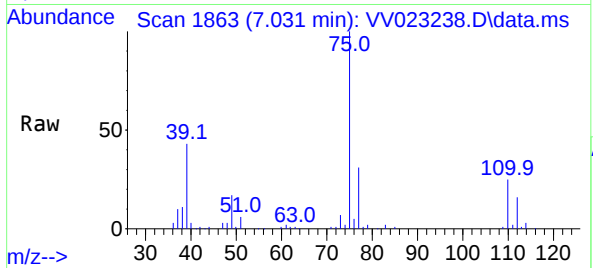
77 30.8 21.6 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/10/2021



#40

4-Methyl-2-pentanone

Concen: 58.121 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV023238.D

Acq: 05 Nov 2021 17:34

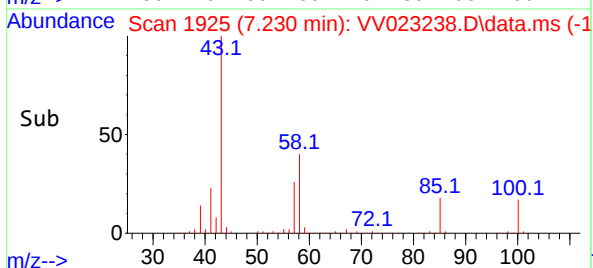
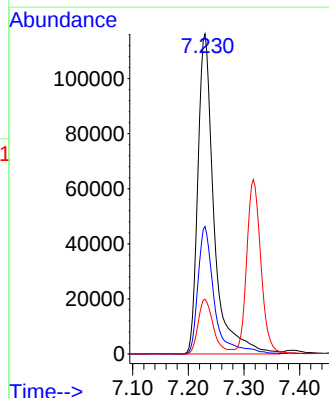
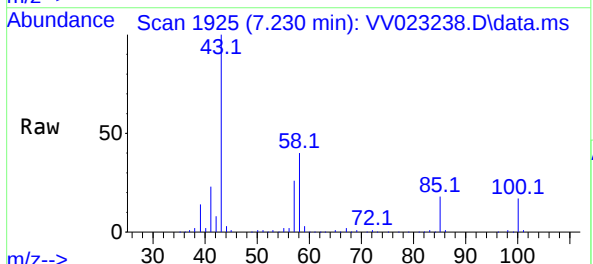
Tgt Ion: 43 Resp: 235246

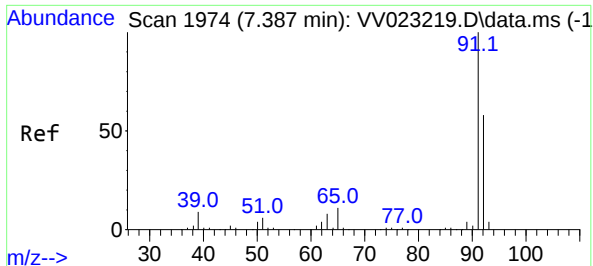
Ion Ratio Lower Upper

43 100

58 40.4 31.1 46.7

100 16.3 12.6 19.0





#42

Toluene

Concen: 5.514 ug/L

RT: 7.391 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV023238.D

Acq: 05 Nov 2021 17:34

Instrument :

MSVOA_V

ClientSampleId :

H4621MS

Tgt Ion: 91 Resp: 22048

Ion Ratio Lower Upper

91 100

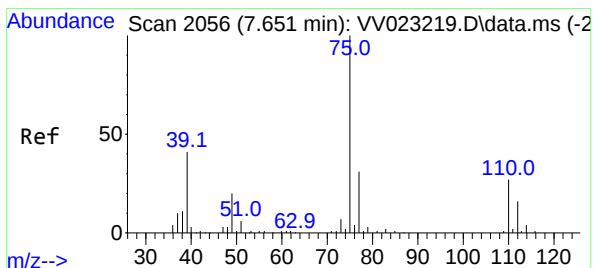
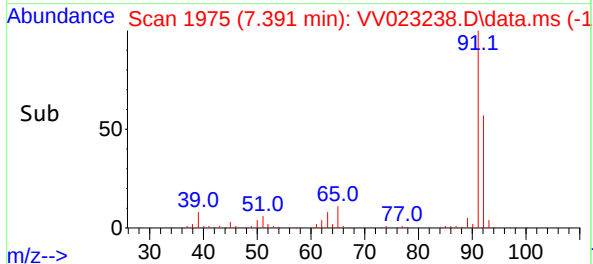
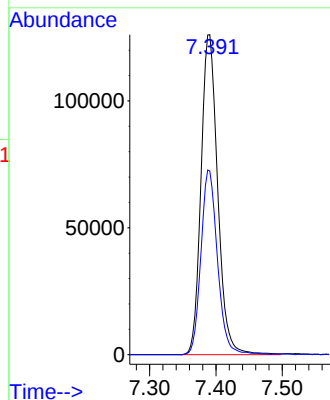
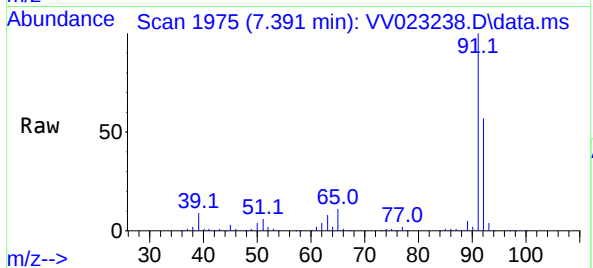
92 57.4 39.3 72.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/10/2021



#44

trans-1,3-Dichloropropene

Concen: 4.989 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV023238.D

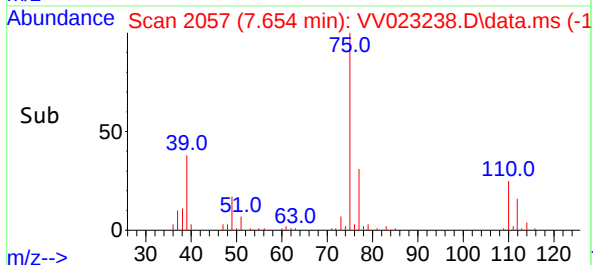
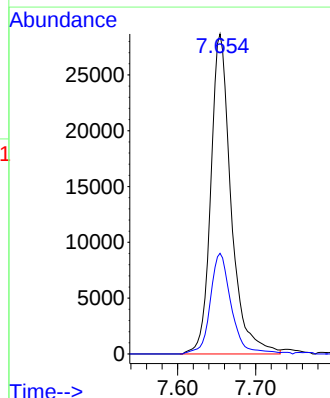
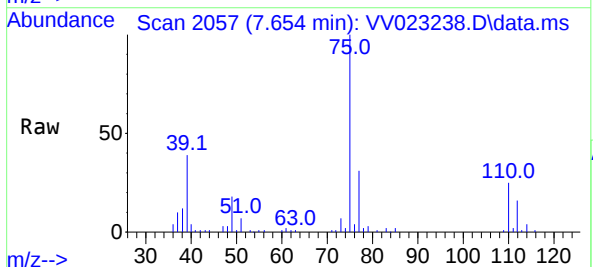
Acq: 05 Nov 2021 17:34

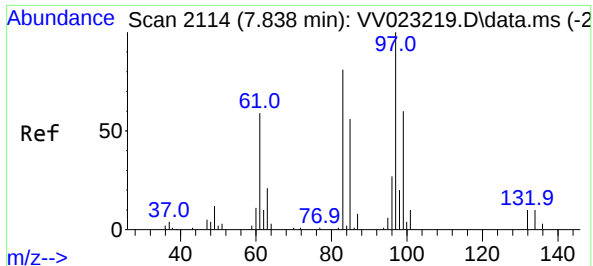
Tgt Ion: 75 Resp: 51958

Ion Ratio Lower Upper

75 100

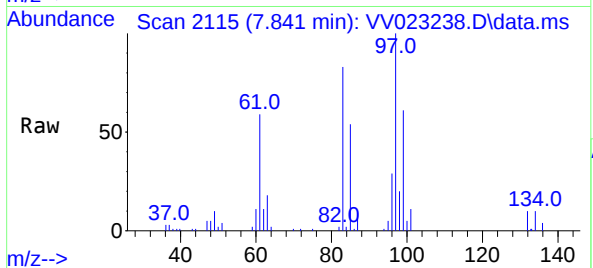
77 31.5 22.5 41.7





#45
1,1,2-Trichloroethane
Concen: 5.214 ug/L
RT: 7.841 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Instrument :
MSVOA_V
ClientSampleId :
H4621MS

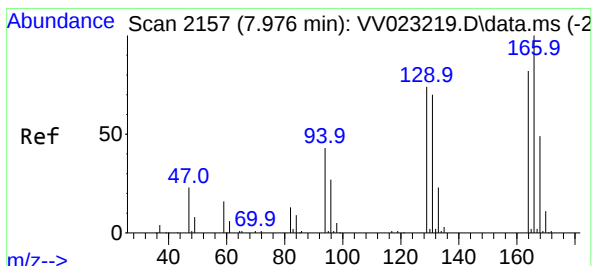
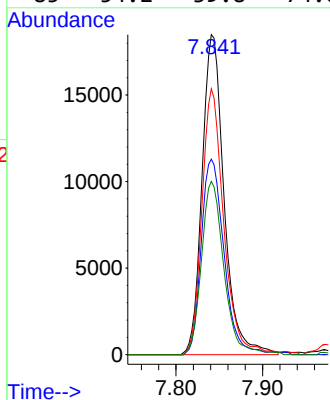
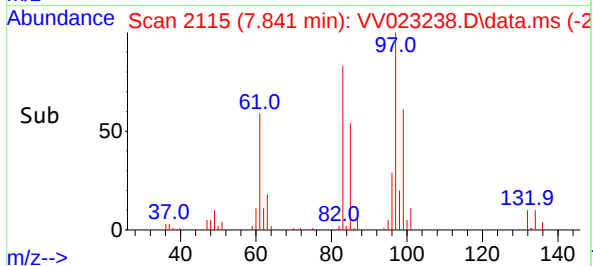


Tgt Ion: 97 Resp: 3269

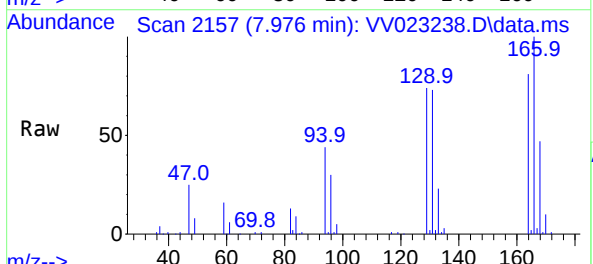
Ion	Ratio	Lower	Upper
97	100		
99	61.1	43.6	81.0
83	83.1	58.4	108.4
85	54.2	39.8	74.0

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Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021

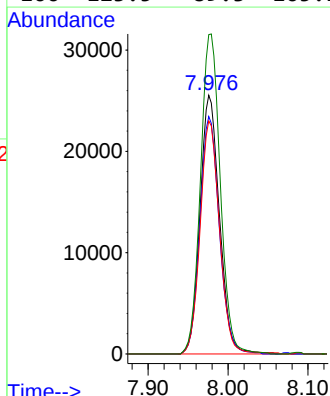
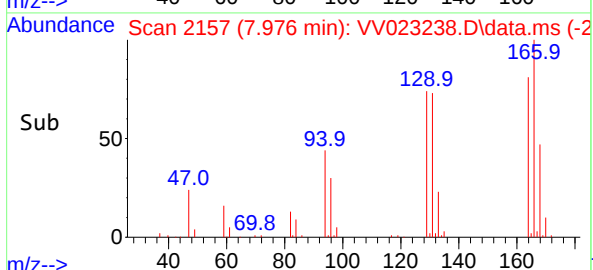


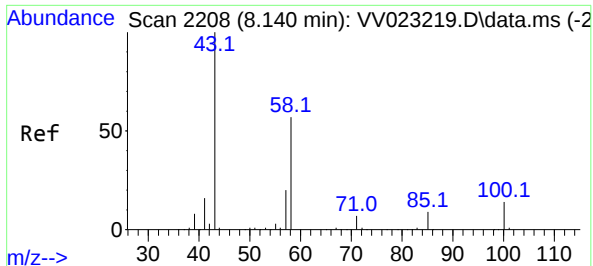
#47
Tetrachloroethene
Concen: 5.032 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34



Tgt Ion: 164 Resp: 43350

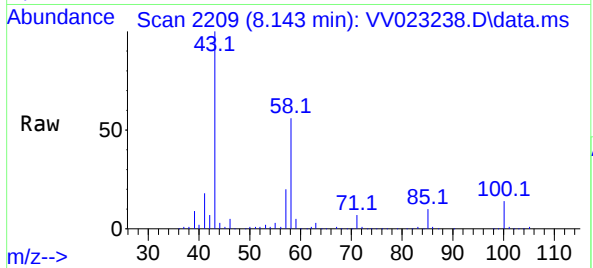
Ion	Ratio	Lower	Upper
164	100		
129	91.8	64.0	119.0
131	90.0	63.4	117.8
166	123.5	89.3	165.9





#48
2-Hexanone
Concen: 59.944 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

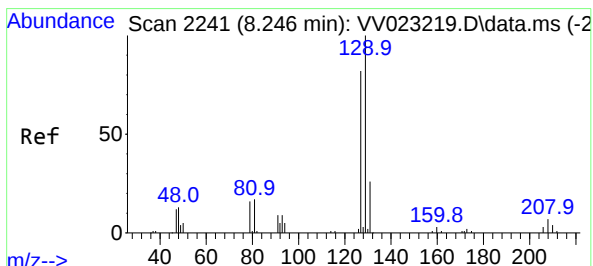
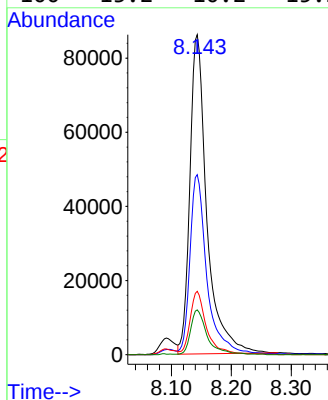
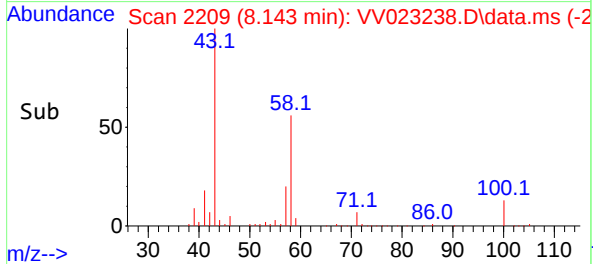
Instrument :
MSVOA_V
ClientSampleId :
H4621MS



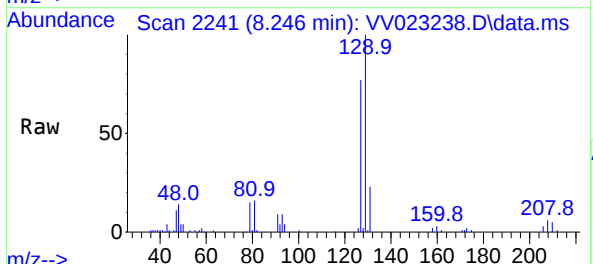
Tgt Ion: 43 Resp: 170010
Ion Ratio Lower Upper
43 100
58 55.9 43.7 65.5
57 18.6 14.1 21.1
100 13.2 10.2 15.2

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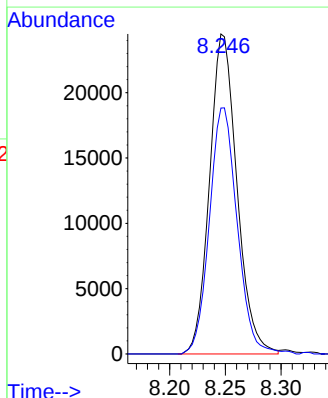
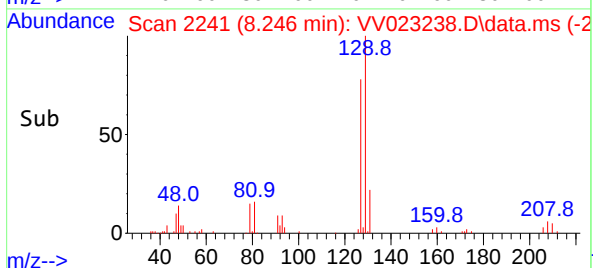
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021

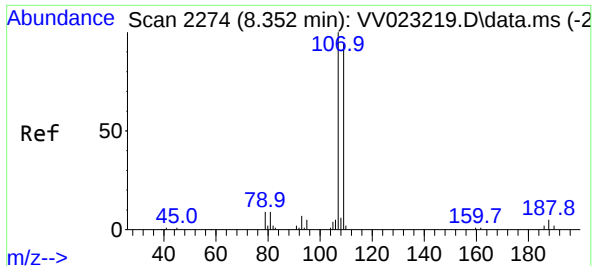


#49
Dibromochloromethane
Concen: 5.282 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34



Tgt Ion:129 Resp: 41965
Ion Ratio Lower Upper
129 100
127 76.8 54.7 101.7





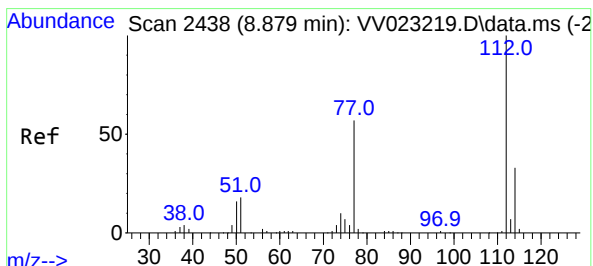
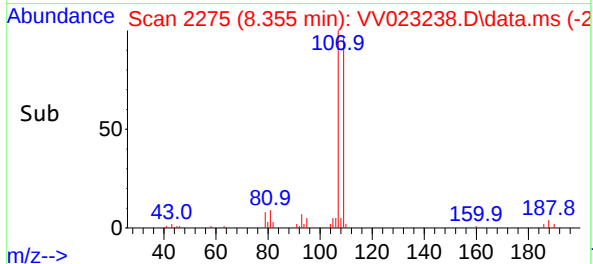
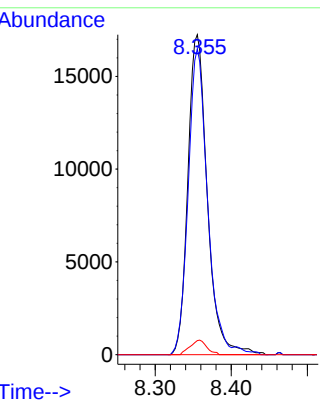
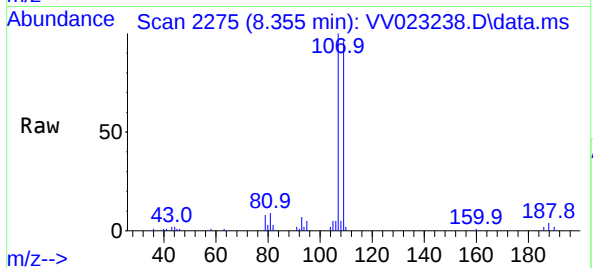
#50
1,2-Dibromoethane
Concen: 5.271 ug/L
RT: 8.355 min Scan# 2107
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Instrument :
MSVOA_V
ClientSampleId :
H4621MS

Tgt Ion:107 Resp: 3063
Ion Ratio Lower Upper
107 100
109 95.6 64.7 120.1
188 4.4 3.6 5.4

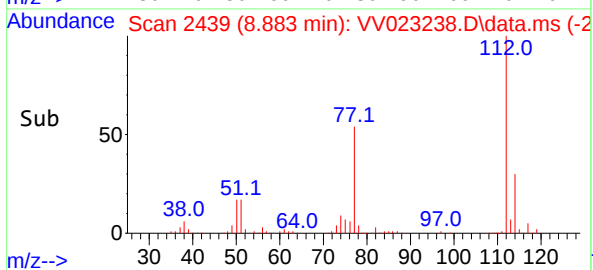
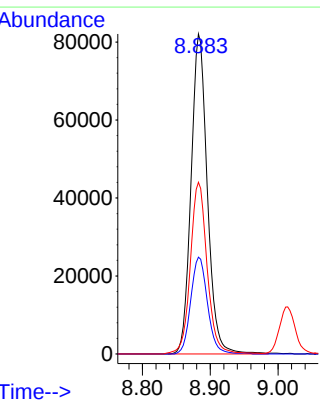
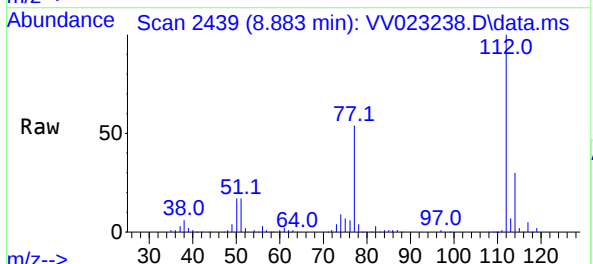
Manual Integrations
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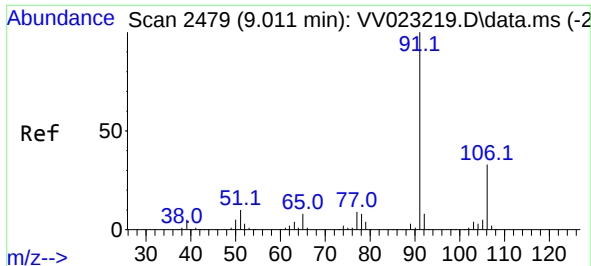
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#51
Chlorobenzene
Concen: 5.149 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Tgt Ion:112 Resp: 136831
Ion Ratio Lower Upper
112 100
114 30.3 22.0 40.8
77 53.7 44.4 66.6





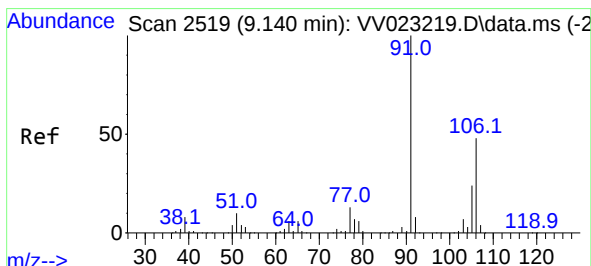
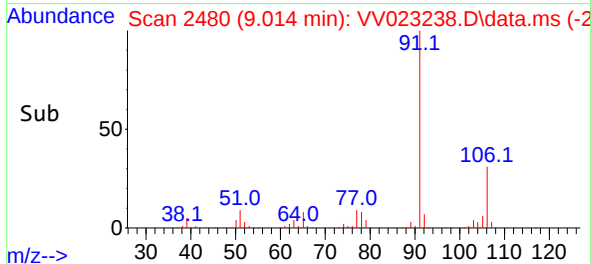
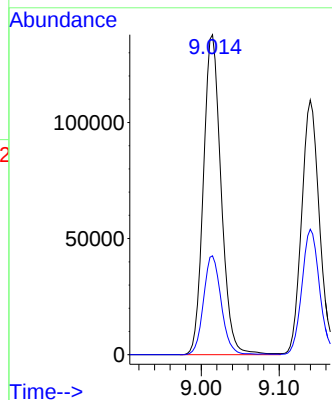
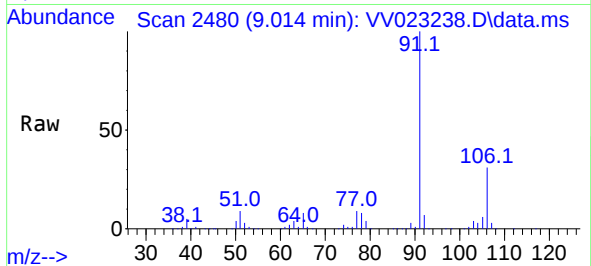
#52
Ethylbenzene
Concen: 5.159 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Instrument :
MSVOA_V
ClientSampleId :
H4621MS

Tgt Ion: 91 Resp: 21755
Ion Ratio Lower Upper
91 100
106 30.9 22.5 41.9

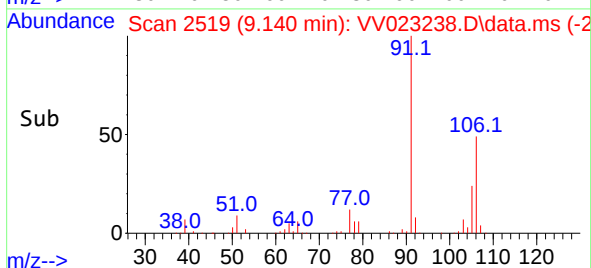
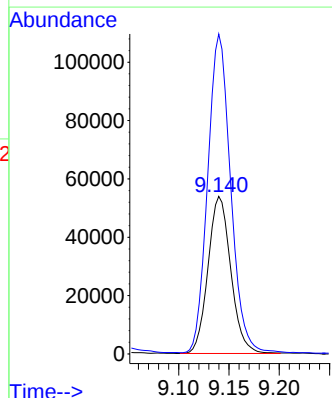
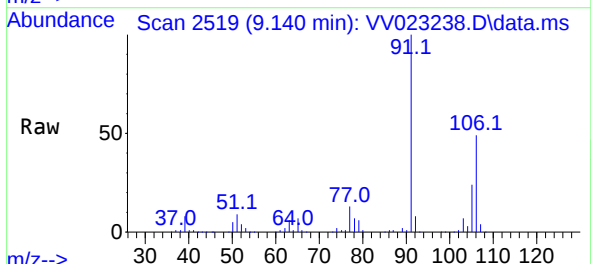
Manual Integrations
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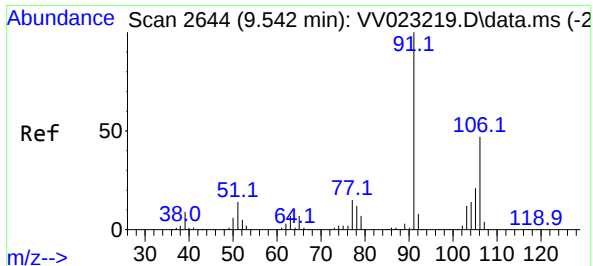
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#53
m,p-xylene
Concen: 5.128 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Tgt Ion:106 Resp: 84874
Ion Ratio Lower Upper
106 100
91 203.1 137.2 254.8





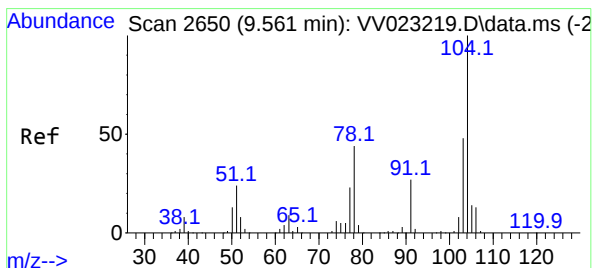
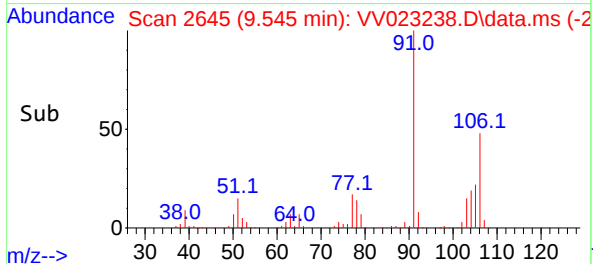
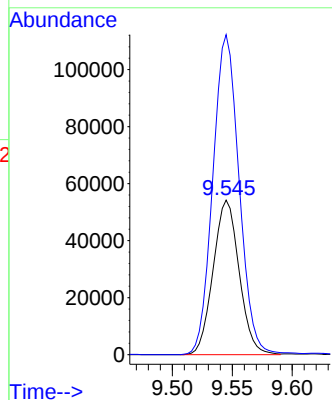
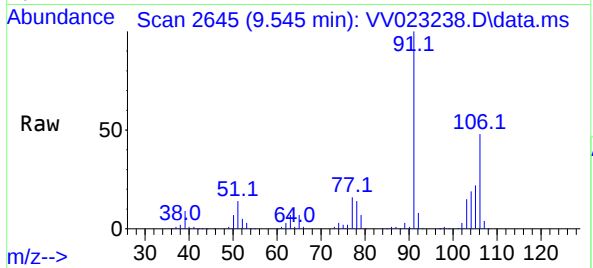
#54
o-xylene
Concen: 5.261 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Instrument :
MSVOA_V
ClientSampleId :
H4621MS

Tgt Ion:106 Resp: 81678
Ion Ratio Lower Upper
106 100
91 207.1 148.3 275.5

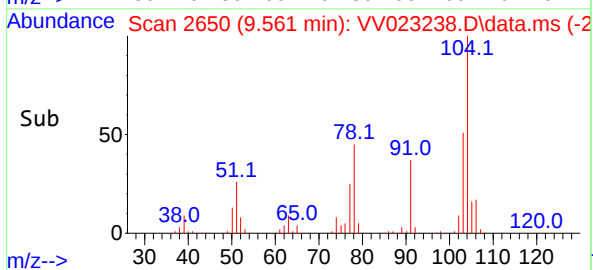
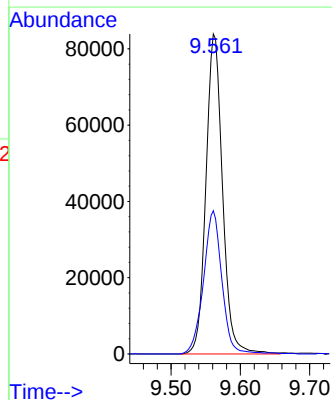
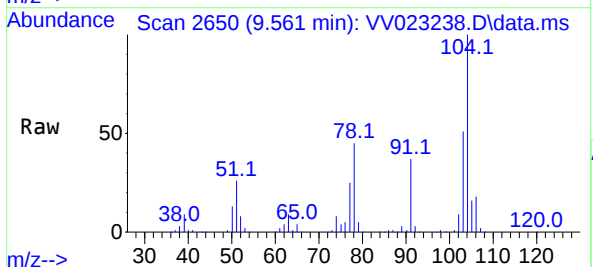
Manual Integrations
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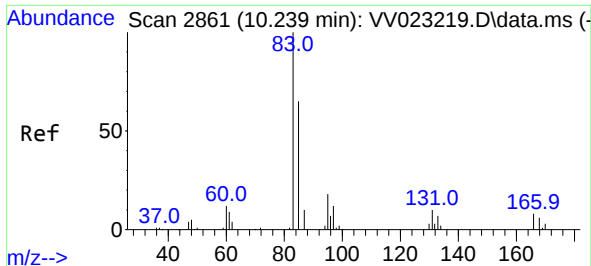
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#55
Styrene
Concen: 5.239 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Tgt Ion:104 Resp: 139345
Ion Ratio Lower Upper
104 100
78 44.7 29.3 54.3





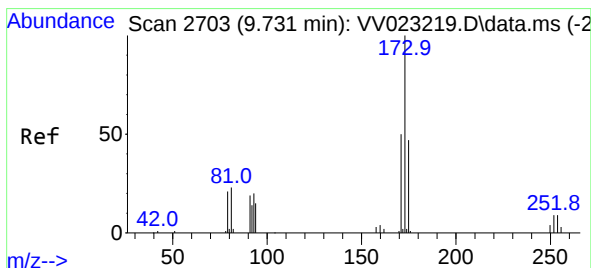
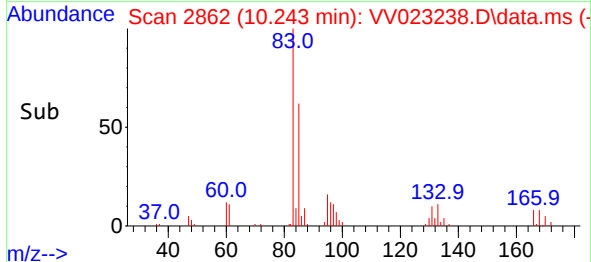
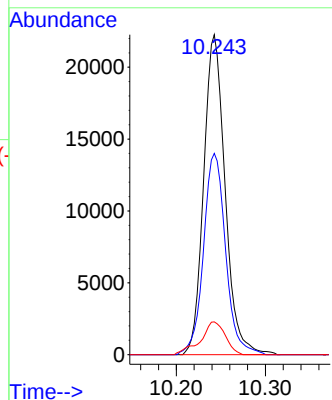
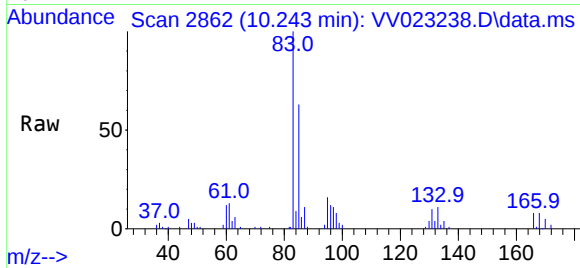
#57
1,1,2,2-Tetrachloroethane
Concen: 5.424 ug/L
RT: 10.243 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Instrument :
MSVOA_V
ClientSampleId :
H4621MS

Tgt Ion: 83 Resp: 37264
Ion Ratio Lower Upper
83 100
85 62.9 45.1 83.9
131 10.3 7.8 11.6

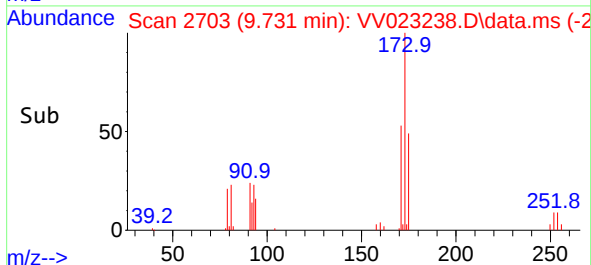
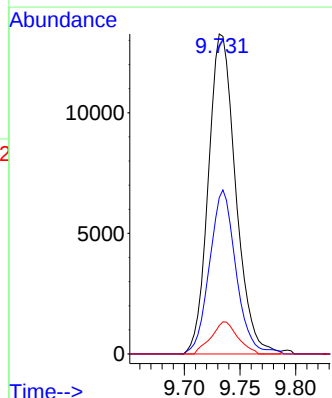
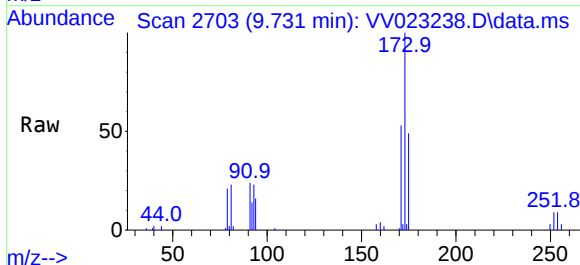
Manual Integrations
APPROVED

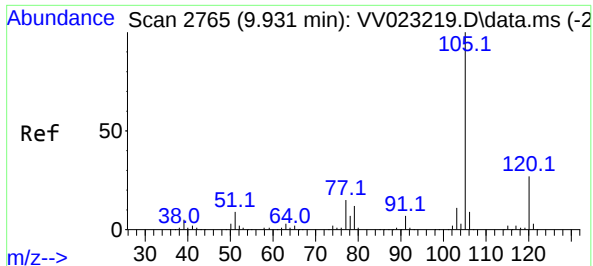
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#59
Bromoform
Concen: 5.139 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Tgt Ion:173 Resp: 22641
Ion Ratio Lower Upper
173 100
175 49.7 38.2 57.2
254 9.8 6.2 9.2#





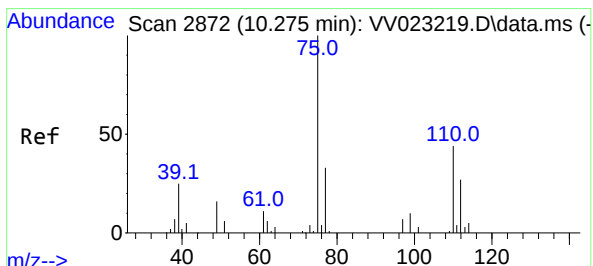
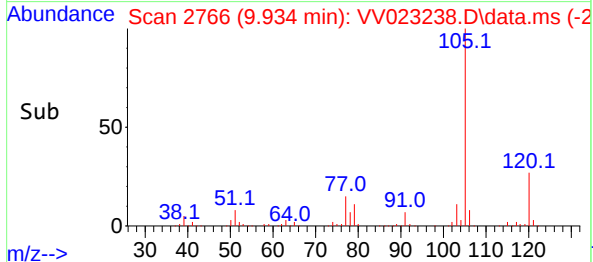
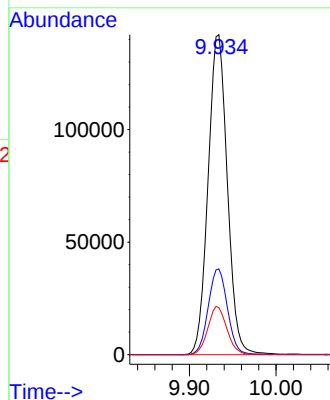
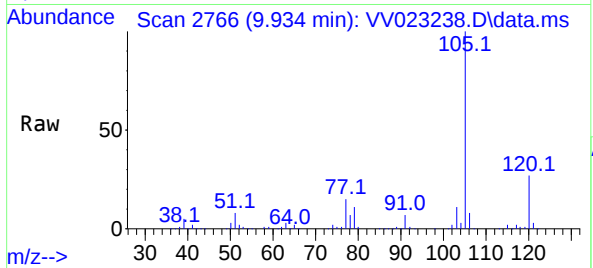
#60
Isopropylbenzene
Concen: 5.182 ug/L
RT: 9.934 min Scan# 21934
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Instrument :
MSVOA_V
ClientSampleId :
H4621MS

Tgt Ion:105 Resp: 21934
Ion Ratio Lower Upper
105 100
120 26.9 21.7 32.5
77 14.9 12.6 19.0

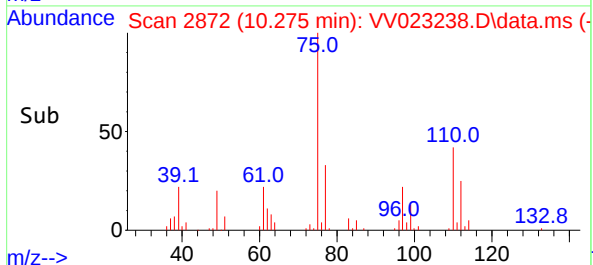
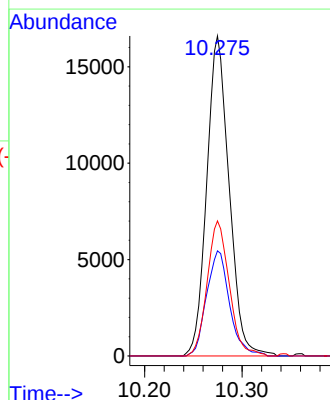
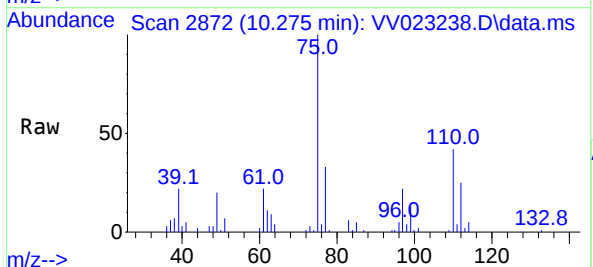
Manual Integrations
APPROVED

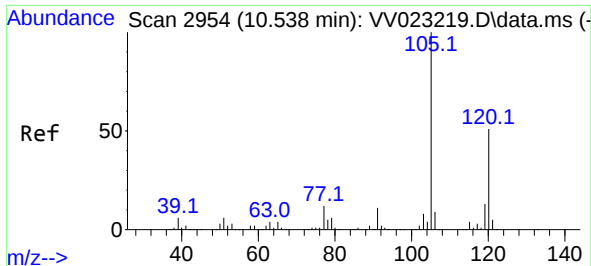
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#61
1,2,3-Trichloropropane
Concen: 5.402 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

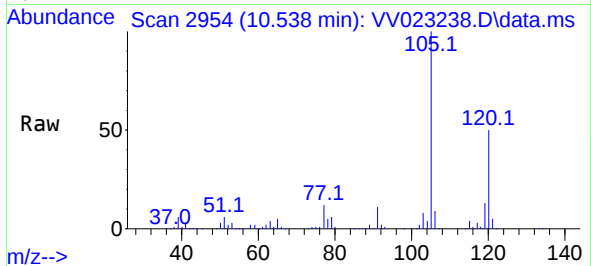
Tgt Ion: 75 Resp: 26472
Ion Ratio Lower Upper
75 100
77 33.9 26.6 39.8
110 41.7 31.8 47.6





#62
1,3,5-Trimethylbenzene
Concen: 5.010 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

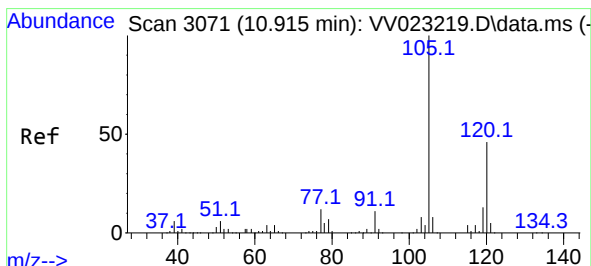
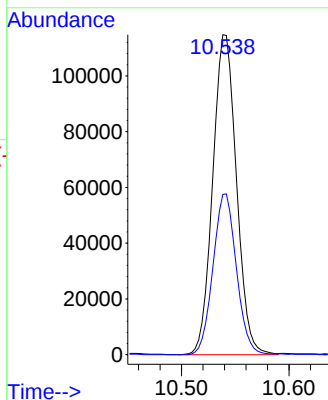
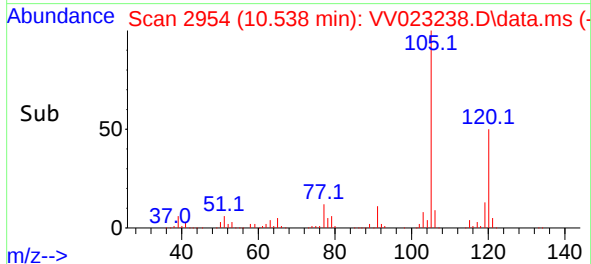
Instrument :
MSVOA_V
ClientSampleId :
H4621MS



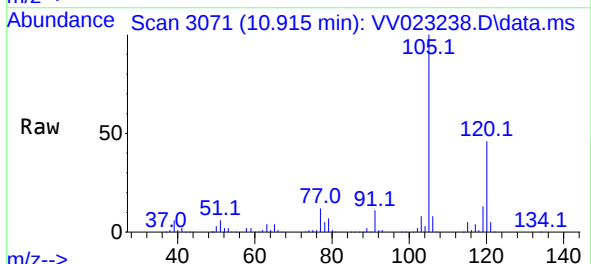
Tgt Ion:105 Resp: 175830
Ion Ratio Lower Upper
105 100
120 49.6 39.7 59.5

Manual Integrations
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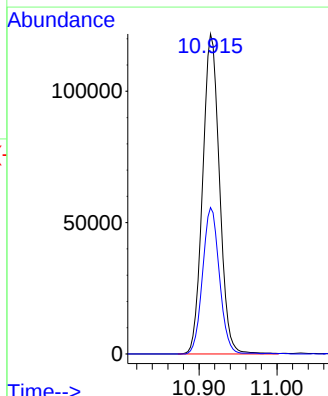
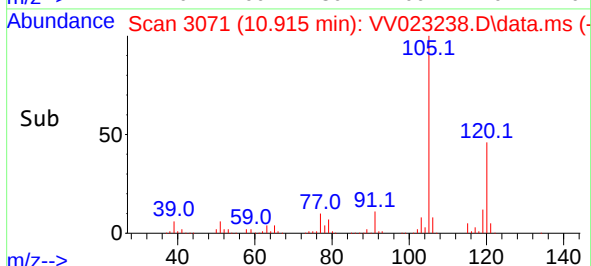
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021

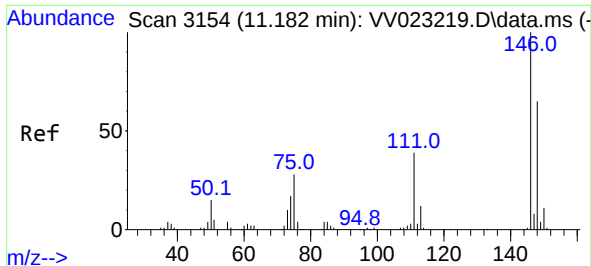


#63
1,2,4-Trimethylbenzene
Concen: 5.230 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34



Tgt Ion:105 Resp: 182725
Ion Ratio Lower Upper
105 100
120 45.7 37.4 56.2





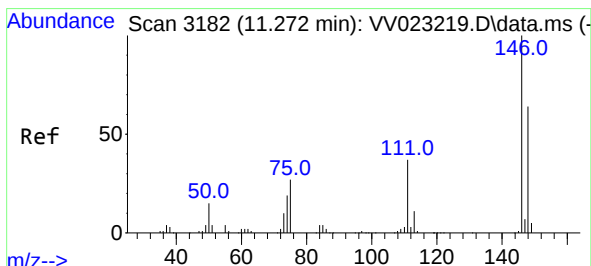
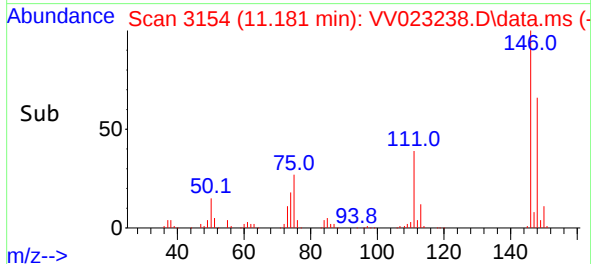
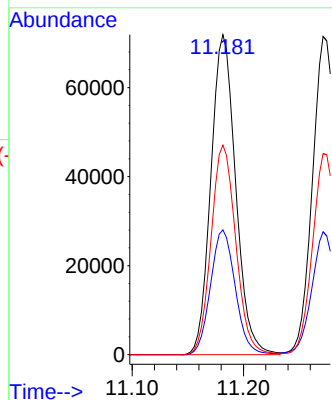
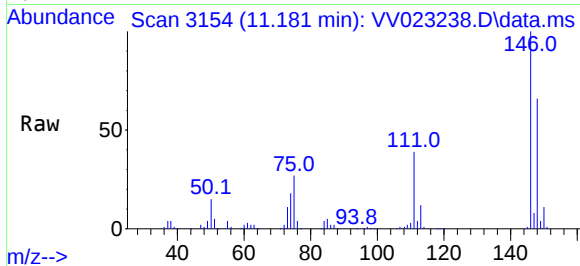
#64
1,3-Dichlorobenzene
Concen: 5.144 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Instrument :
MSVOA_V
ClientSampleId :
H4621MS

Tgt Ion:146 Resp: 11125
Ion Ratio Lower Upper
146 100
111 39.0 26.7 49.7
148 65.5 42.9 79.7

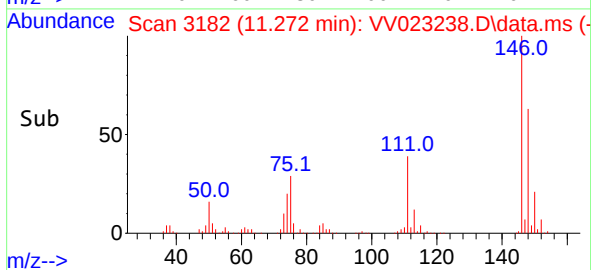
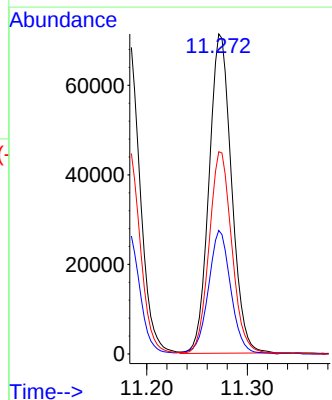
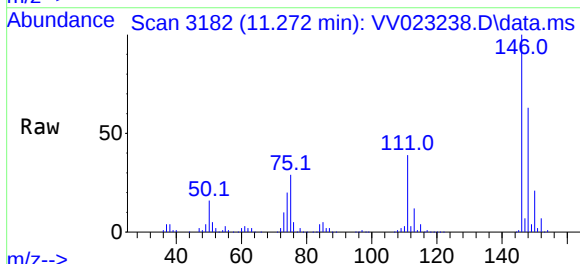
Manual Integrations
APPROVED

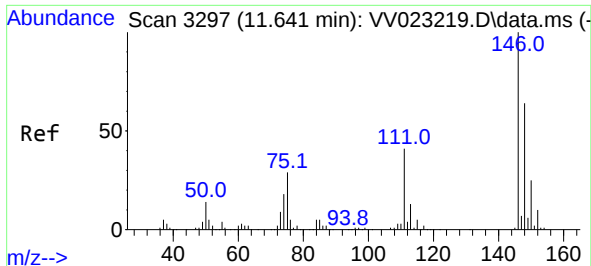
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#65
1,4-Dichlorobenzene
Concen: 5.023 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

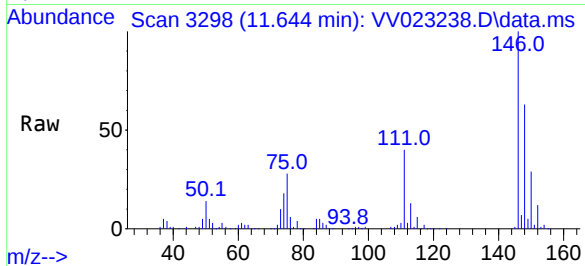
Tgt Ion:146 Resp: 110945
Ion Ratio Lower Upper
146 100
111 38.6 26.2 48.8
148 63.2 44.4 82.5





#67
1,2-Dichlorobenzene
Concen: 5.255 ug/L
RT: 11.644 min Scan# 3297
Delta R.T. 0.003 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

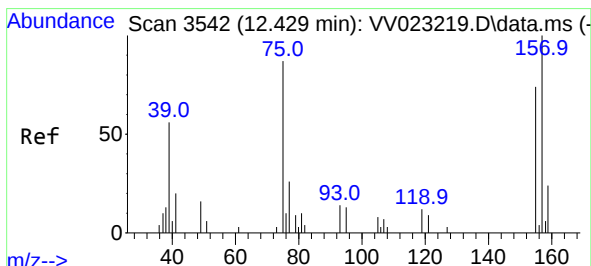
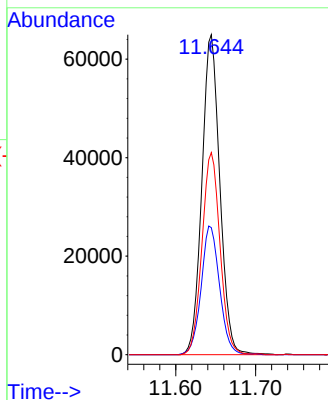
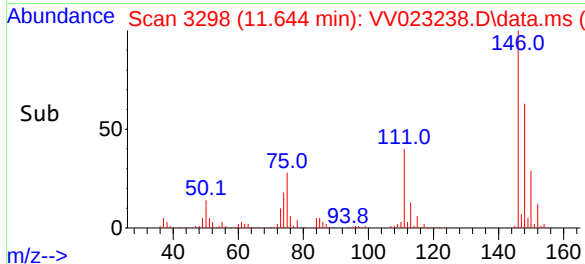
Instrument :
MSVOA_V
ClientSampleId :
H4621MS



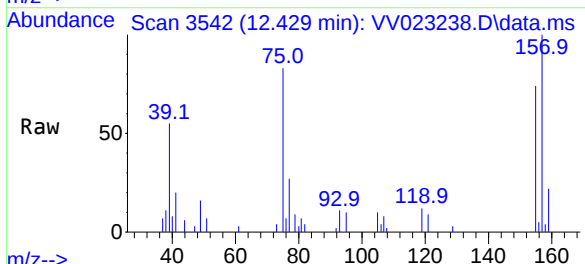
Tgt Ion:146 Resp: 10170
Ion Ratio Lower Upper
146 100
111 39.7 31.6 47.4
148 63.2 51.0 76.6

Manual Integrations
APPROVED

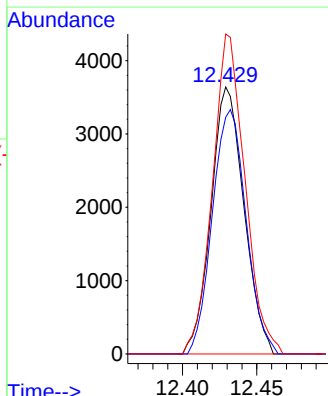
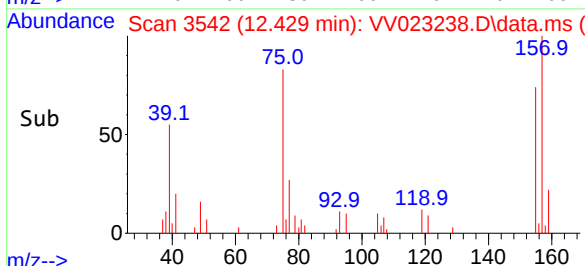
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021

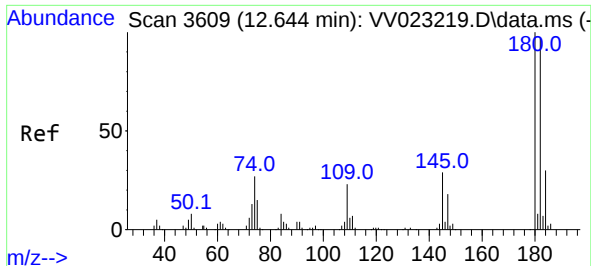


#68
1,2-Dibromo-3-chloropropane
Concen: 5.381 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34



Tgt Ion: 75 Resp: 5618
Ion Ratio Lower Upper
75 100
155 88.7 67.7 101.5
157 119.9 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 4.828 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VV023238.D

Acq: 05 Nov 2021 17:34

Instrument :

MSVOA_V

ClientSampleId :

H4621MS

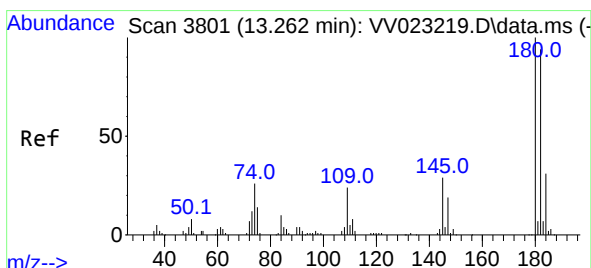
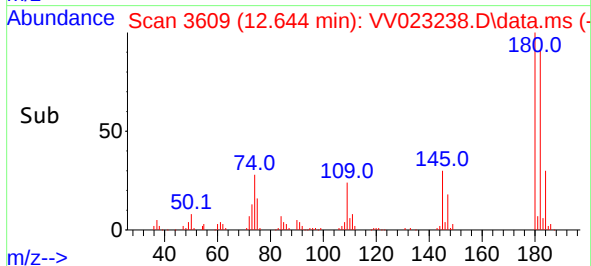
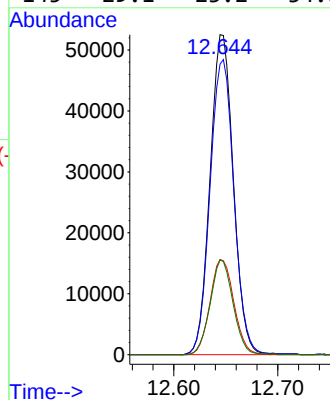
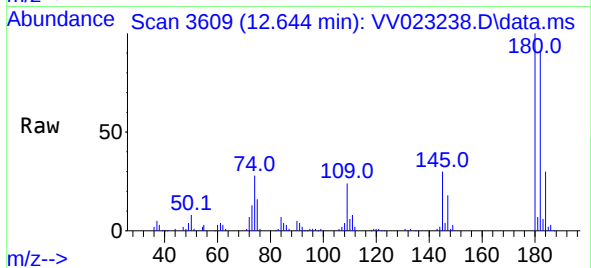
Tgt Ion:180	Resp:	8175
Ion Ratio	Lower	Upper
180	100	
182	94.7	74.9 112.3
184	30.5	23.8 35.8
145	29.1	23.2 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/10/2021



#70

1,2,4-trichlorobenzene

Concen: 4.737 ug/L

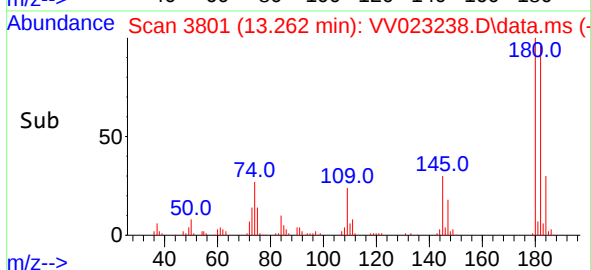
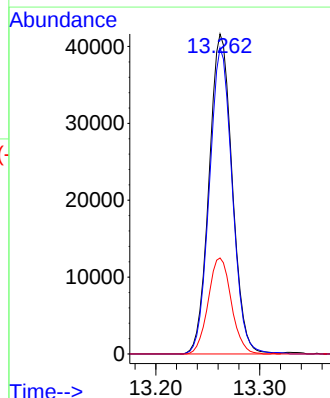
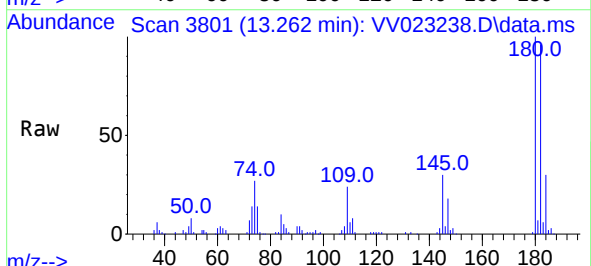
RT: 13.262 min Scan# 3801

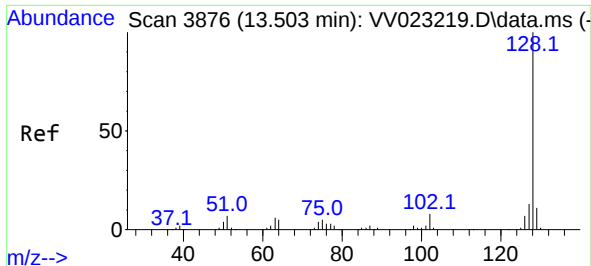
Delta R.T. -0.000 min

Lab File: VV023238.D

Acq: 05 Nov 2021 17:34

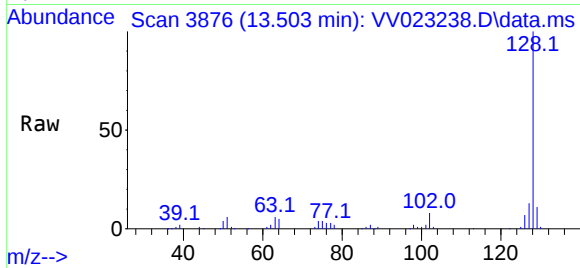
Tgt Ion:180	Resp:	64242
Ion Ratio	Lower	Upper
180	100	
182	94.3	76.9 115.3
145	30.0	24.4 36.6





#71
Naphthalene
Concen: 4.785 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

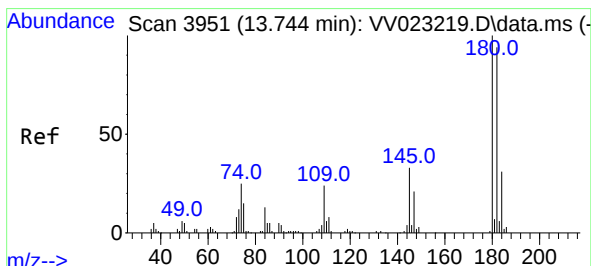
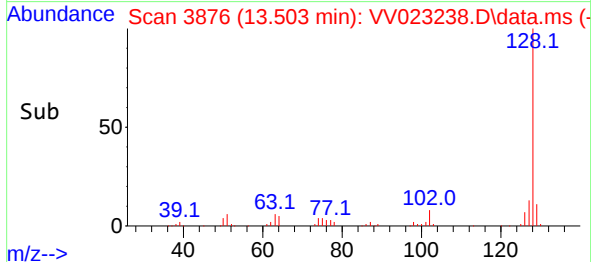
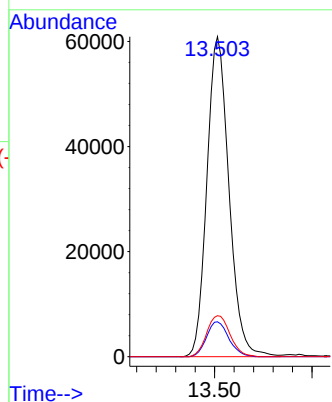
Instrument :
MSVOA_V
ClientSampleId :
H4621MS



Tgt Ion:128 Resp: 95680
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.6 10.5 15.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#72
1,2,3-Trichlorobenzene
Concen: 5.000 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV023238.D
Acq: 05 Nov 2021 17:34

Tgt Ion:180 Resp: 59324
Ion Ratio Lower Upper
180 100
182 93.3 76.7 115.1
145 32.0 25.7 38.5

