

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023239.D
 Acq On : 05 Nov 2021 17:57
 Operator : SY/MD
 Sample : M4535-05MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4621MSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 09 03:27:19 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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	136855	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	133507	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73606	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41164	4.801	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.568	69	35216	5.040	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.111	63	79027	4.924	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.400%
20) 2-Butanone-d5	3.899	46	80028	54.181	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.360%
24) Chloroform-d	4.352	84	93224	5.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.037	65	41629	5.067	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.053	84	175061	5.110	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.072	67	51943	5.151	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.317	98	165748	5.163	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
43) trans-1,3-Dichloroprop...	7.625	79	18226	4.767	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.091	63	77530	55.111	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.220%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37699	5.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	61595	5.026	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	66437	4.979	ug/L	99
3) Chloromethane	1.240	50	58681	5.172	ug/L	97
5) Vinyl chloride	1.310	62	58004	5.119	ug/L	100
6) Bromomethane	1.523	94	36012	4.972	ug/L	97
8) Chloroethane	1.584	64	32910	5.033	ug/L	96
9) Trichlorofluoromethane	1.754	101	84141	4.942	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	43126	5.031	ug/L	99
12) 1,1-Dichloroethene	2.121	96	41020	5.026	ug/L	88
13) Acetone	2.188	43	56316m	62.399	ug/L	
14) Carbon disulfide	2.294	76	151093	4.906	ug/L	100
15) Methyl Acetate	2.442	43	11575	4.532	ug/L	96
16) Methylene chloride	2.506	84	49043	4.118	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	97128	5.407	ug/L	96
18) trans-1,2-Dichloroethene	2.760	96	50142	4.998	ug/L	97
19) 1,1-Dichloroethane	3.191	63	88325	5.214	ug/L	98
21) 2-Butanone	3.982	43	72628	49.774	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	51227	5.306	ug/L	# 91
23) Bromochloromethane	4.252	128	22834	5.129	ug/L	83
25) Chloroform	4.378	83	92869	5.144	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	48011	4.999	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	83660	5.159	ug/L	99
30) Cyclohexane	4.680	56	72563	4.994	ug/L	98
31) Carbon tetrachloride	4.828	117	74829	5.138	ug/L	97
33) Benzene	5.101	78	195251	5.232	ug/L	100
34) Trichloroethene	5.915	95	50372	5.076	ug/L	98
35) Methylcyclohexane	6.133	83	76328	4.873	ug/L	96
37) 1,2-Dichloropropane	6.175	63	46637	5.354	ug/L	100
38) Bromodichloromethane	6.513	83	60075	5.146	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	59331	4.735	ug/L	98
40) 4-Methyl-2-pentanone	7.226	43	231207	57.225	ug/L	99
42) Toluene	7.387	91	216659	5.428	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	50690	4.876	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	31799	5.080	ug/L	97
47) Tetrachloroethene	7.979	164	43540	5.063	ug/L	97
48) 2-Hexanone	8.140	43	166275	58.732	ug/L	98
49) Dibromochloromethane	8.246	129	40888	5.155	ug/L	97
50) 1,2-Dibromoethane	8.355	107	30171	5.201	ug/L	94
51) Chlorobenzene	8.882	112	133650	5.038	ug/L	99
52) Ethylbenzene	9.014	91	215996	5.131	ug/L	98
53) m,p-xylene	9.140	106	86333	5.226	ug/L	95
54) o-xylene	9.545	106	81012	5.227	ug/L	98
55) Styrene	9.561	104	137276	5.170	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	36072	5.260	ug/L	97
59) Bromoform	9.731	173	22058	5.017	ug/L	98
60) Isopropylbenzene	9.934	105	217992	5.161	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	25862	5.289	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	176516	5.040	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	181973	5.220	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	110034	5.098	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	110242	5.002	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	99613	5.158	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5303	5.091	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	81914	4.848	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	64528	4.769	ug/L	99
71) Naphthalene	13.503	128	97752	4.899	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	59151	4.996	ug/L	100

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

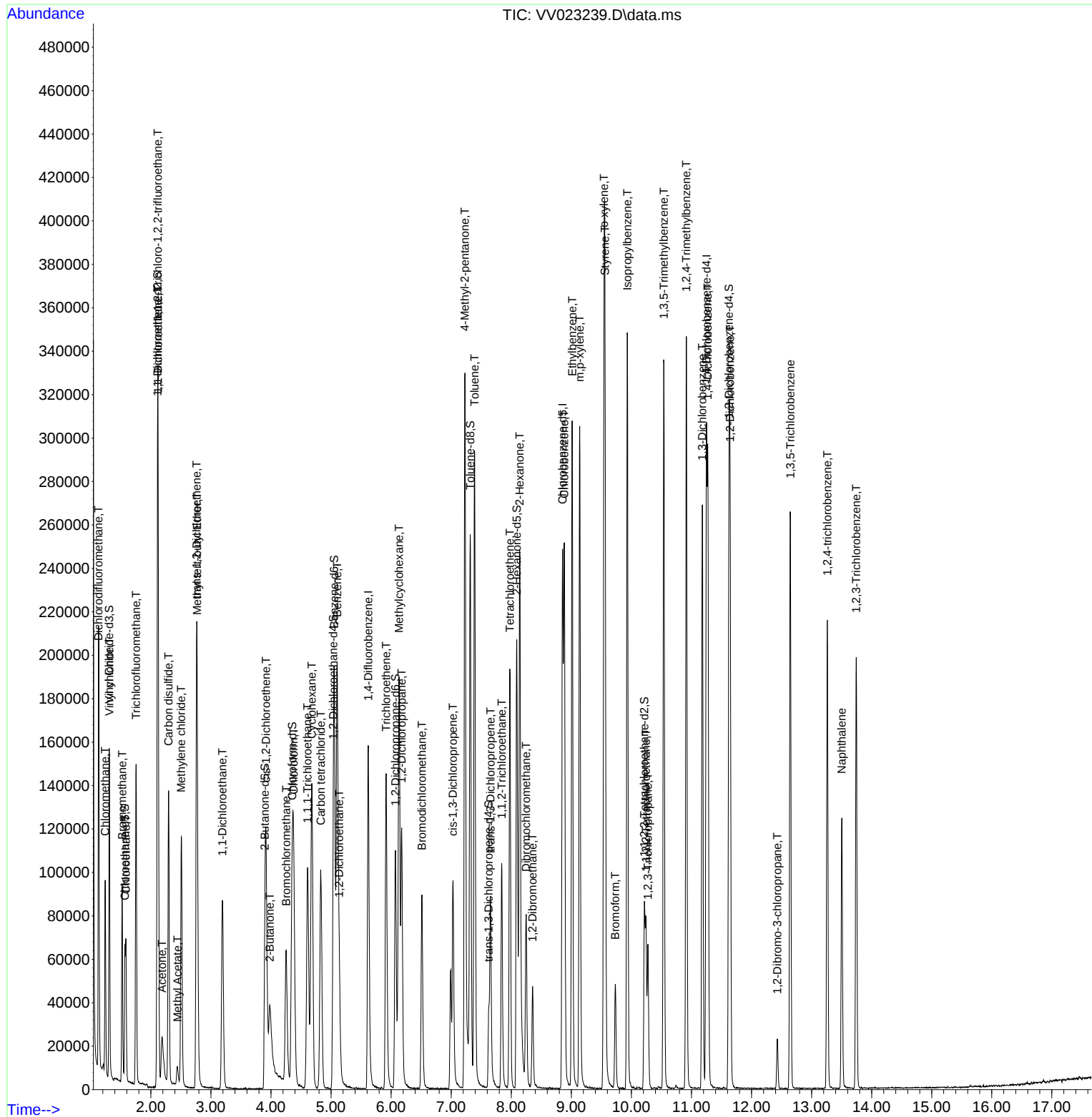
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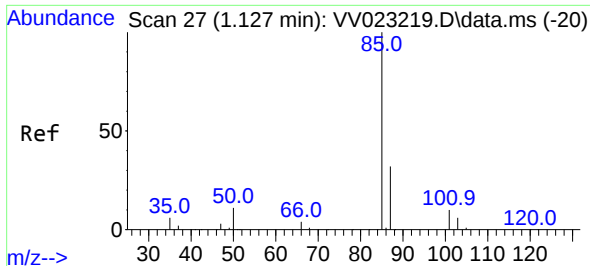
Instrument :
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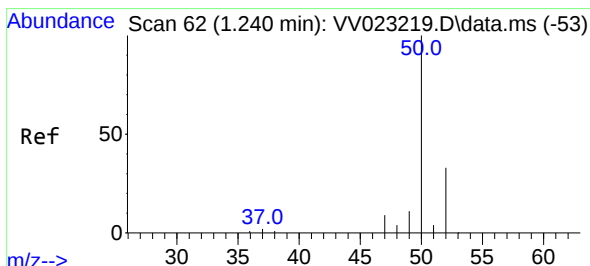
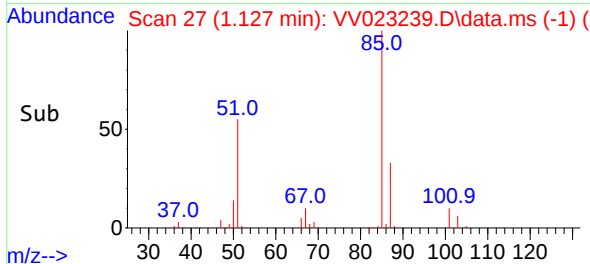
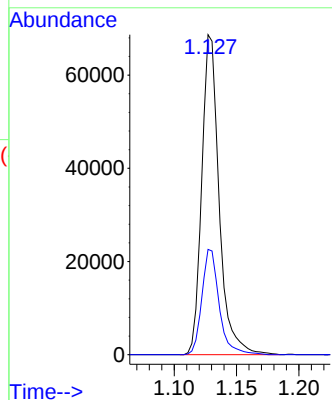
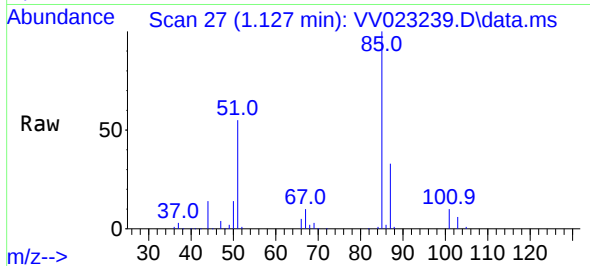
#2
Dichlorodifluoromethane
Concen: 4.979 ug/L
RT: 1.127 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Instrument :
MSVOA_V
ClientSampleId :
H4621MSD

Tgt Ion: 85 Resp: 6643
Ion Ratio Lower Upper
85 100
87 32.8 26.6 39.8

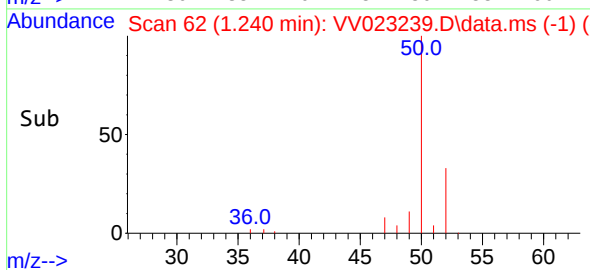
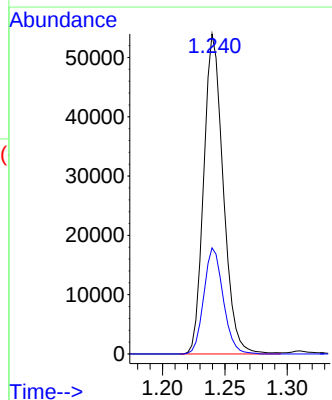
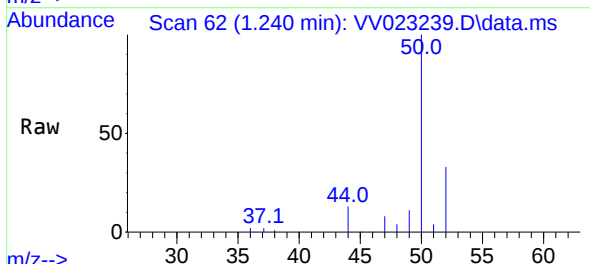
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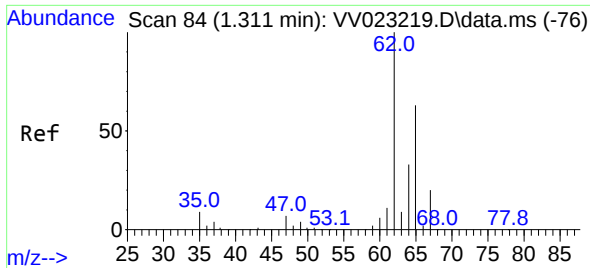
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#3
Chloromethane
Concen: 5.172 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Tgt Ion: 50 Resp: 58681
Ion Ratio Lower Upper
50 100
52 33.2 24.3 45.1





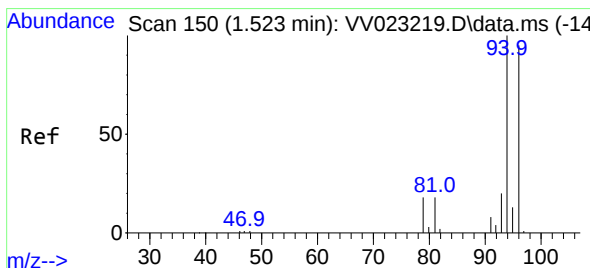
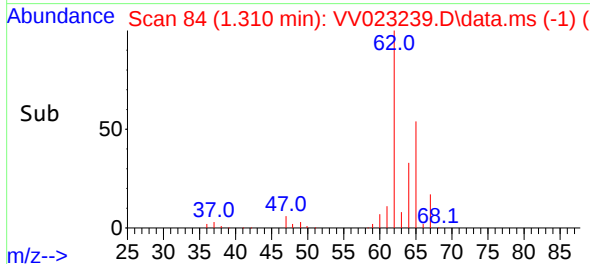
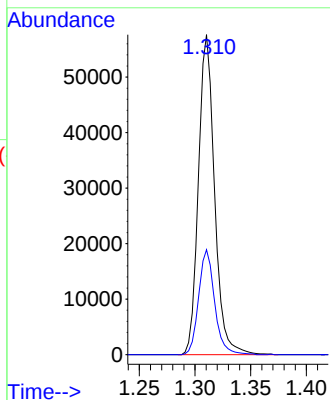
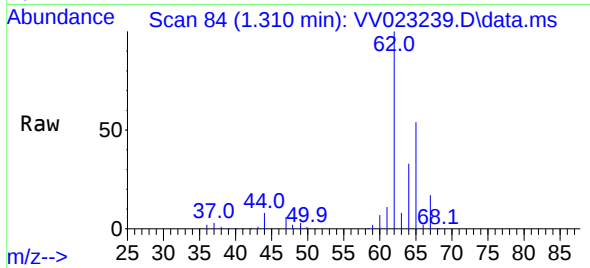
#5
 Vinyl chloride
 Concen: 5.119 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023239.D
 Acq: 05 Nov 2021 17:57

Instrument :
 MSVOA_V
 ClientSampleId :
 H4621MSD

Tgt Ion: 62 Resp: 58004
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.1 42.9

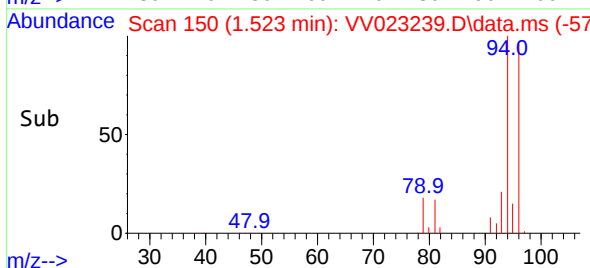
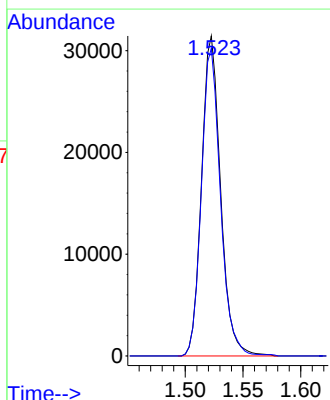
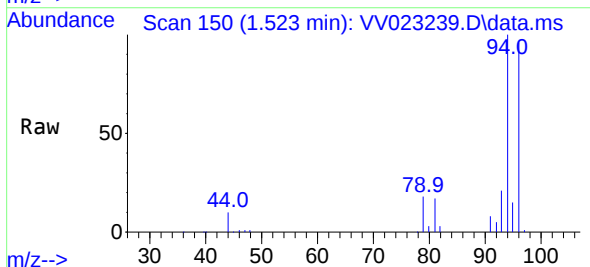
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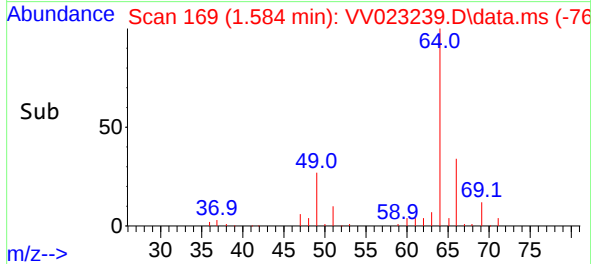
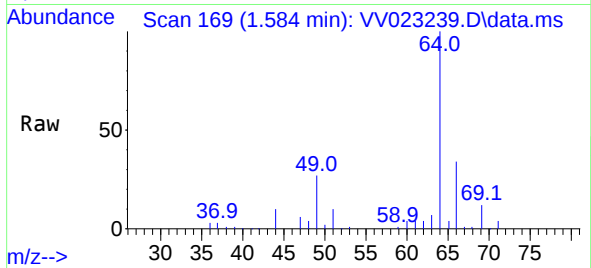
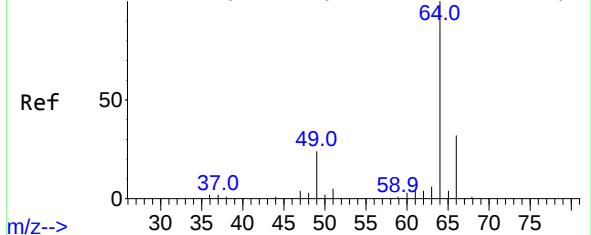


#6
 Bromomethane
 Concen: 4.972 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV023239.D
 Acq: 05 Nov 2021 17:57

Tgt Ion: 94 Resp: 36012
 Ion Ratio Lower Upper
 94 100
 96 96.1 65.0 120.8



Abundance Scan 169 (1.584 min): VV023219.D\data.ms (-16



#8

Chloroethane

Concen: 5.033 ug/L

RT: 1.584 min Scan# 169

Delta R.T. -0.000 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

Tgt Ion: 64 Resp: 32910

Ion Ratio Lower Upper

64 100

66 33.8 22.1 41.1

Instrument :

MSVOA_V

ClientSampleId :

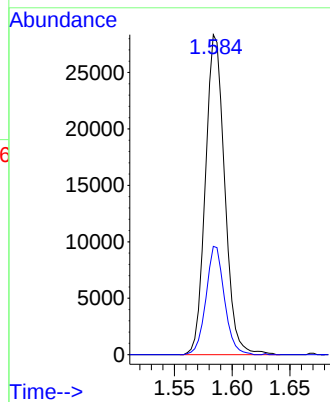
H4621MSD

Manual Integrations

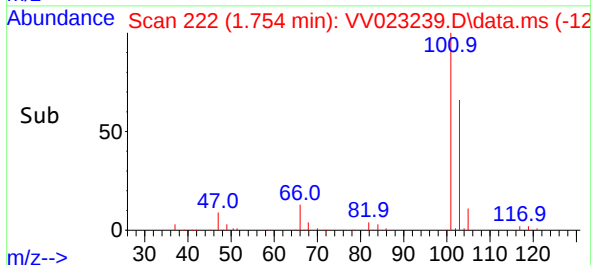
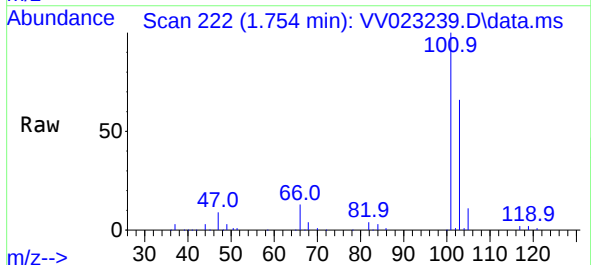
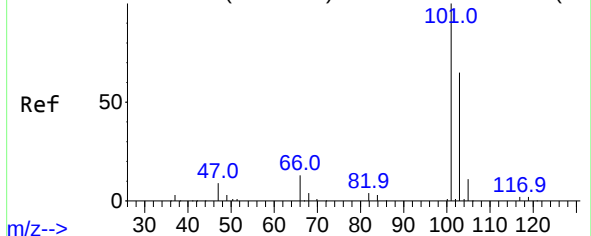
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Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/10/2021



Abundance Scan 222 (1.754 min): VV023219.D\data.ms (-21



#9

Trichlorofluoromethane

Concen: 4.942 ug/L

RT: 1.754 min Scan# 222

Delta R.T. -0.000 min

Lab File: VV023239.D

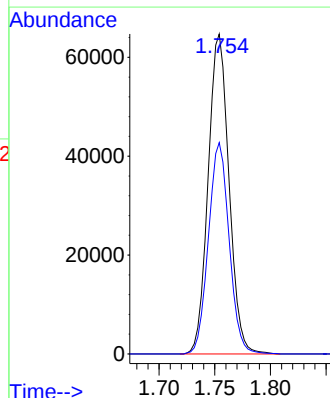
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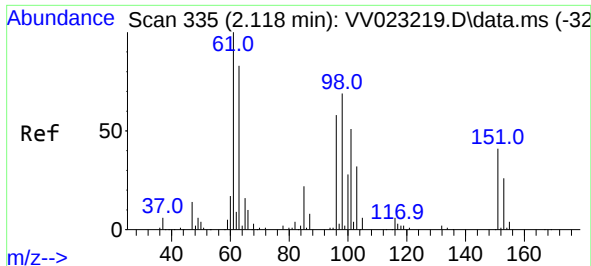
Tgt Ion:101 Resp: 84141

Ion Ratio Lower Upper

101 100

103 65.7 52.6 79.0





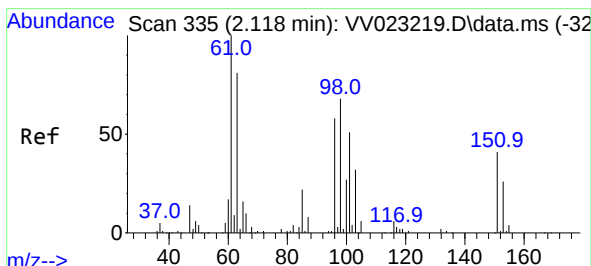
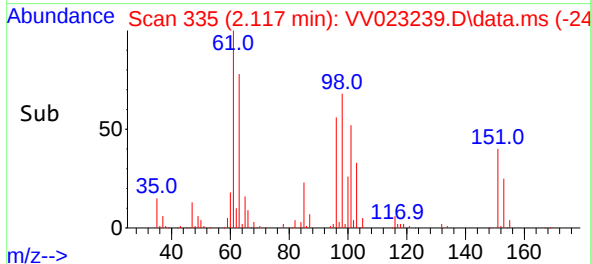
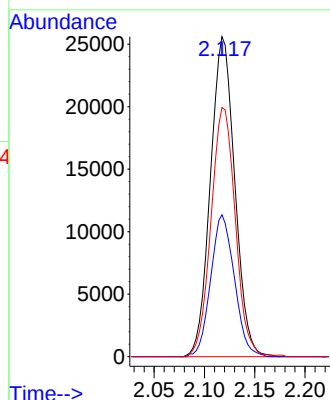
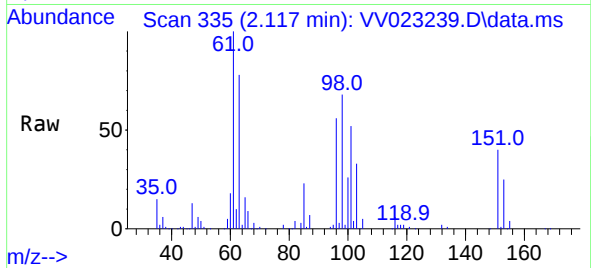
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.031 ug/L
RT: 2.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV023239.D
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Tgt Ion:101 Resp: 43120
Ion Ratio Lower Upper
101 100
85 43.1 35.3 52.9
151 77.7 62.2 93.2

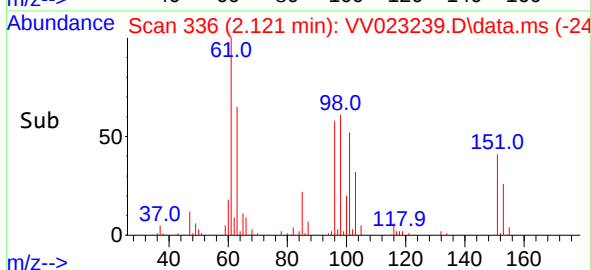
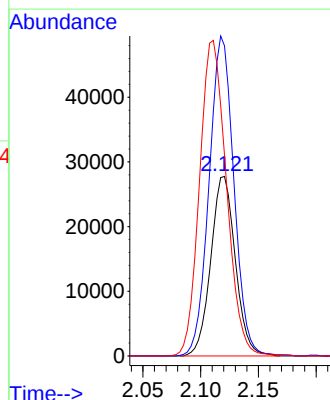
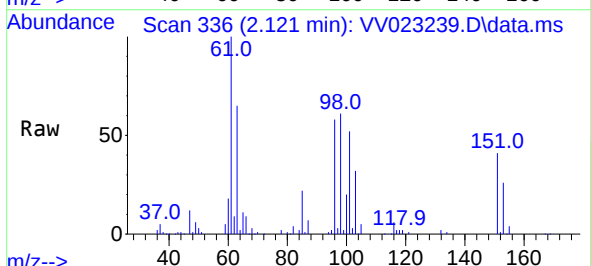
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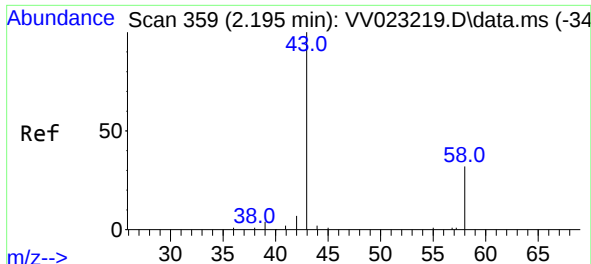
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#12
1,1-Dichloroethene
Concen: 5.026 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Tgt Ion: 96 Resp: 41020
Ion Ratio Lower Upper
96 100
61 172.6 121.5 225.7
63 111.8 99.6 185.0





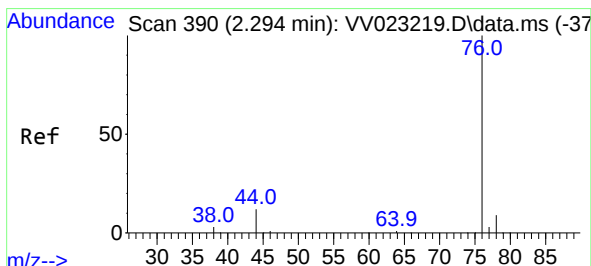
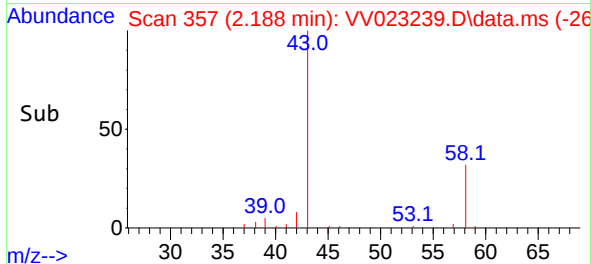
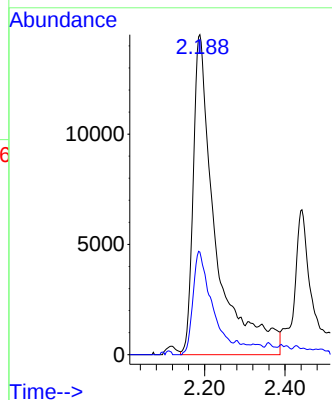
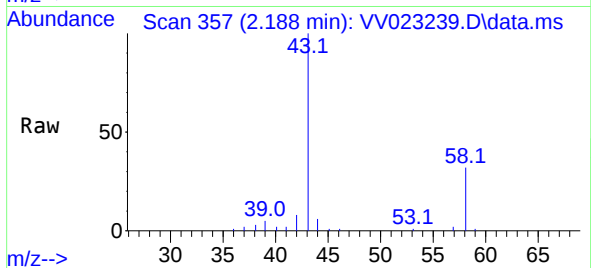
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Acetone
Concen: 62.399 ug/L m
RT: 2.188 min Scan# 357
Delta R.T. -0.007 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Instrument :
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Tgt Ion: 43 Resp: 56310
Ion Ratio Lower Upper
43 100
58 27.1 0.0 55.4

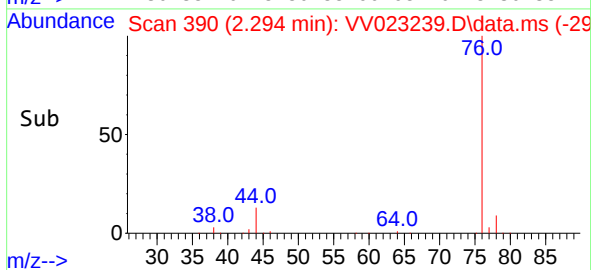
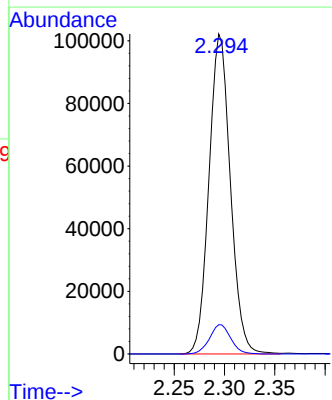
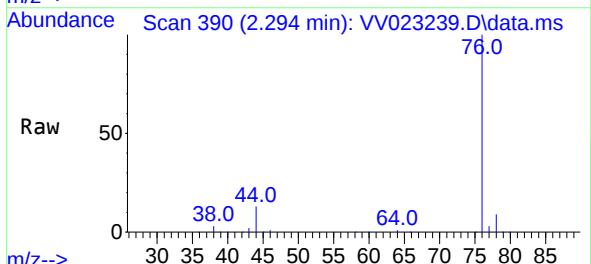
Manual Integrations
APPROVED

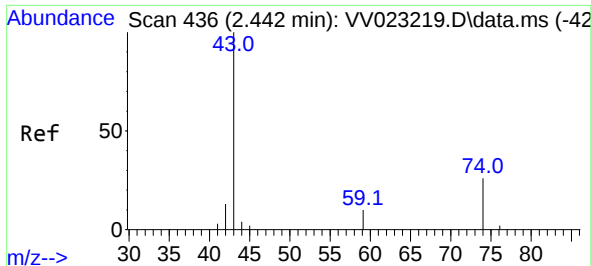
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#14
Carbon disulfide
Concen: 4.906 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Tgt Ion: 76 Resp: 151093
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8





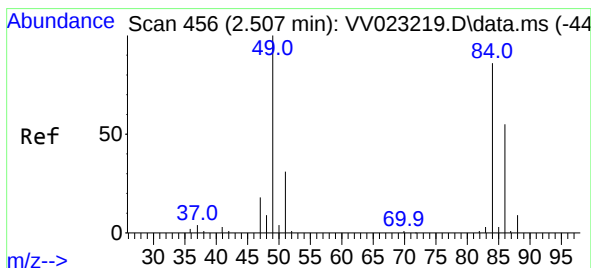
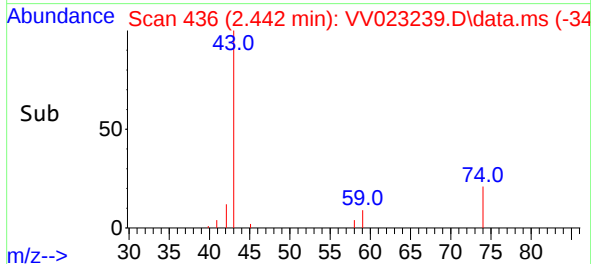
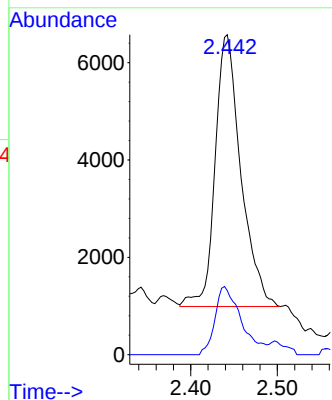
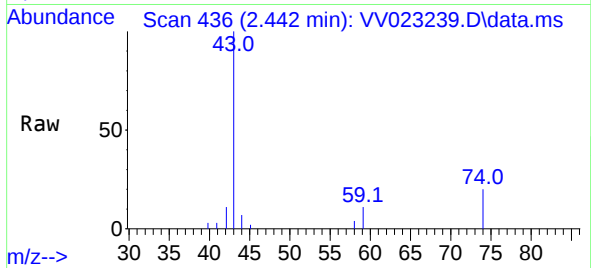
#15
Methyl Acetate
Concen: 4.532 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Instrument :
MSVOA_V
ClientSampleId :
H4621MSD

Tgt Ion: 43 Resp: 1157
Ion Ratio Lower Upper
43 100
74 25.5 22.2 33.2

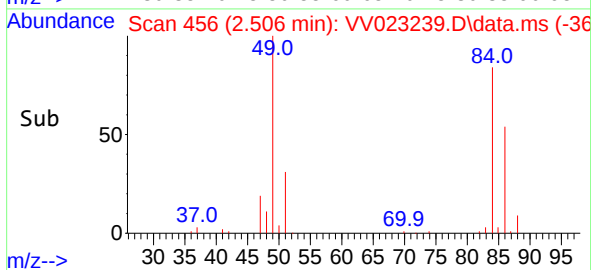
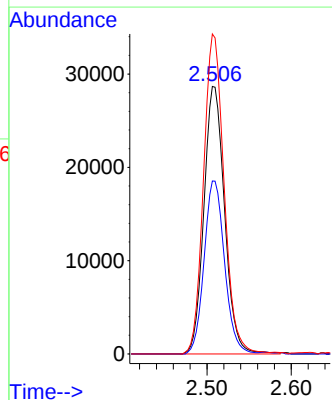
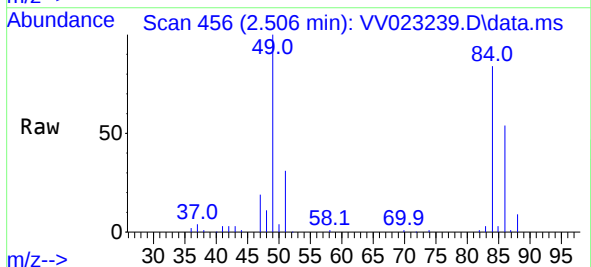
Manual Integrations
APPROVED

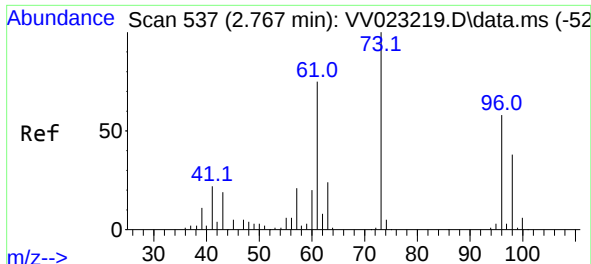
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#16
Methylene chloride
Concen: 4.118 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Tgt Ion: 84 Resp: 49043
Ion Ratio Lower Upper
84 100
86 64.6 42.3 78.5
49 119.6 79.7 148.1





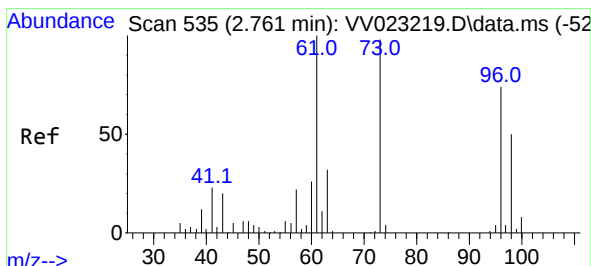
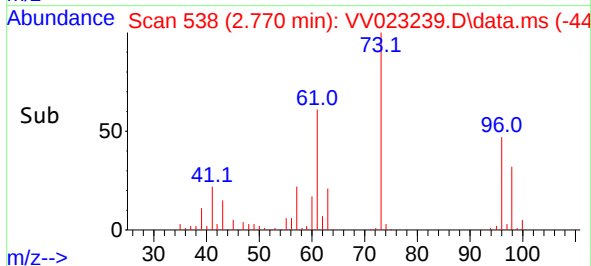
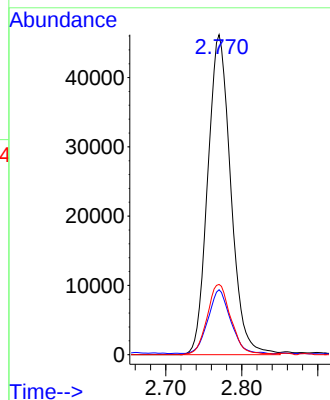
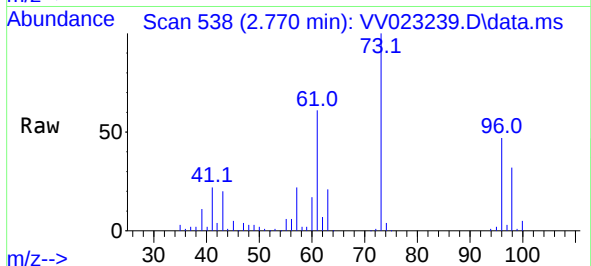
#17
Methyl tert-butyl Ether
Concen: 5.407 ug/L
RT: 2.770 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Instrument :
MSVOA_V
ClientSampleId :
H4621MSD

Tgt Ion: 73 Resp: 97128
Ion Ratio Lower Upper
73 100
43 19.6 17.4 26.0
57 22.6 16.5 24.7

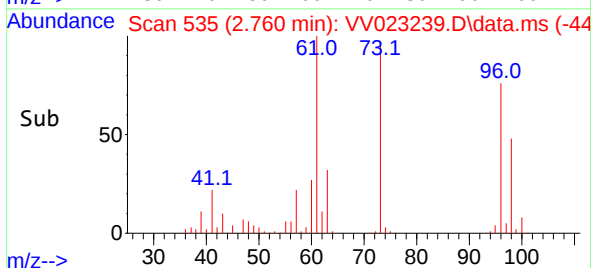
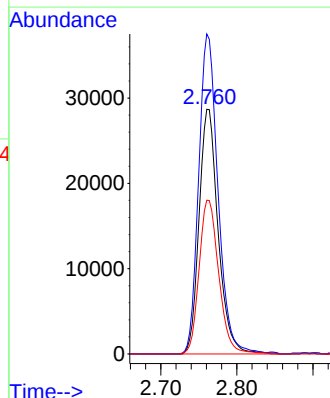
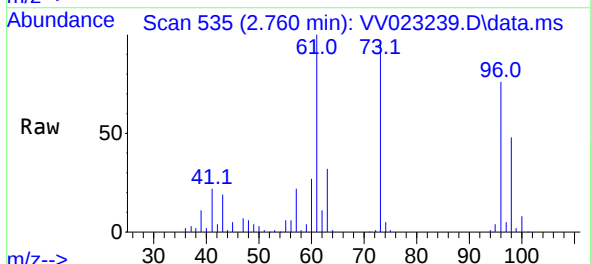
Manual Integrations
APPROVED

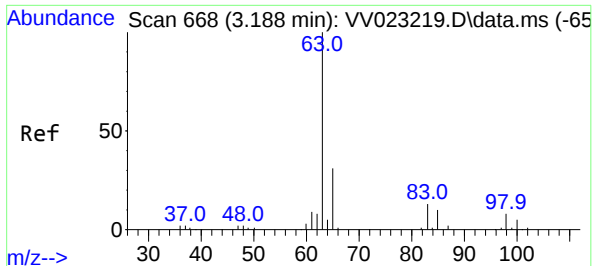
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#18
trans-1,2-Dichloroethene
Concen: 4.998 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

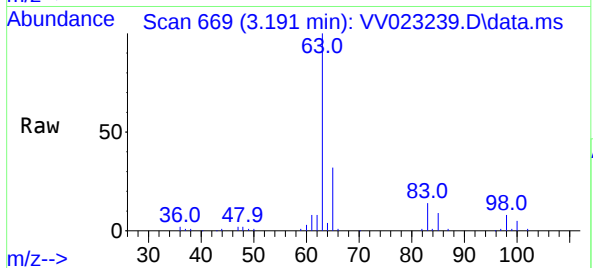
Tgt Ion: 96 Resp: 50142
Ion Ratio Lower Upper
96 100
61 130.8 93.2 173.2
98 62.9 47.0 87.2





#19
1,1-Dichloroethane
Concen: 5.214 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

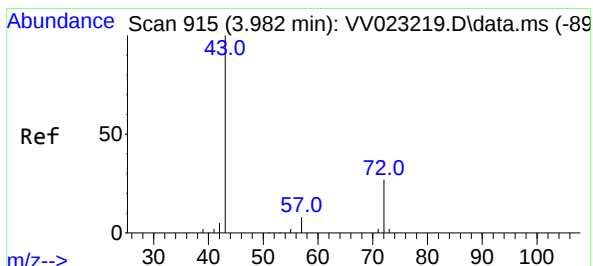
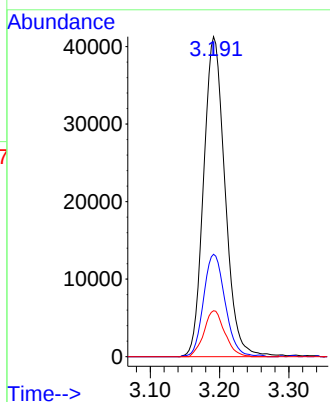
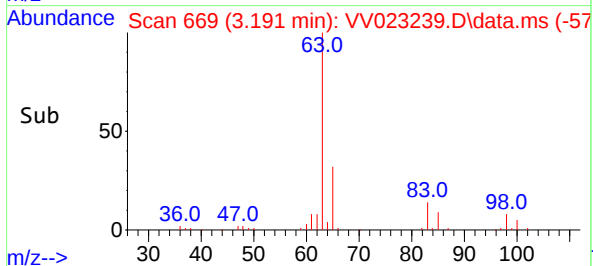
Instrument :
MSVOA_V
ClientSampleId :
H4621MSD



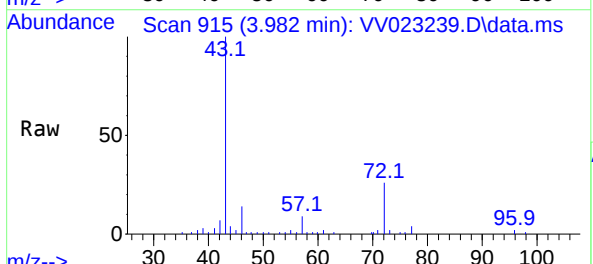
Tgt Ion: 63 Resp: 88325
Ion Ratio Lower Upper
63 100
65 32.0 22.6 42.0
83 14.3 11.1 20.7

Manual Integrations
APPROVED

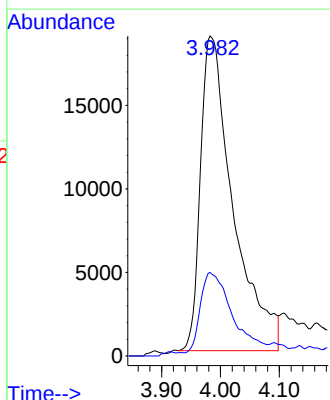
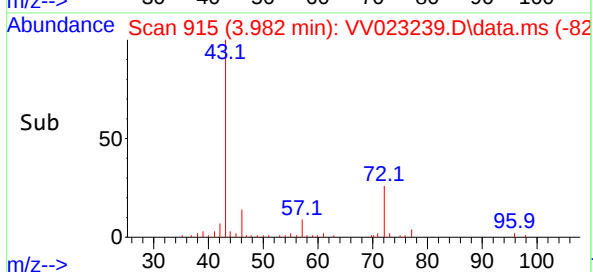
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021

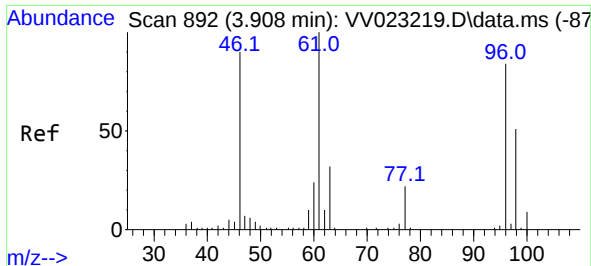


#21
2-Butanone
Concen: 49.774 ug/L
RT: 3.982 min Scan# 915
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57



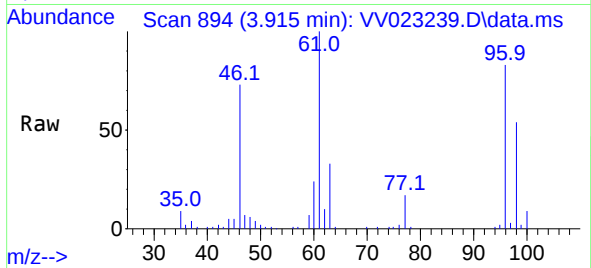
Tgt Ion: 43 Resp: 72628
Ion Ratio Lower Upper
43 100
72 25.4 11.9 35.9





#22
 cis-1,2-Dichloroethene
 Concen: 5.306 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV023239.D
 Acq: 05 Nov 2021 17:57

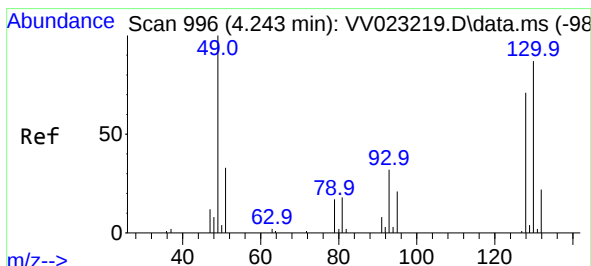
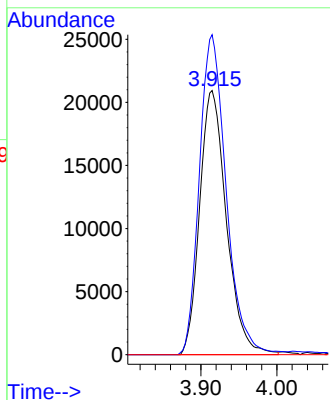
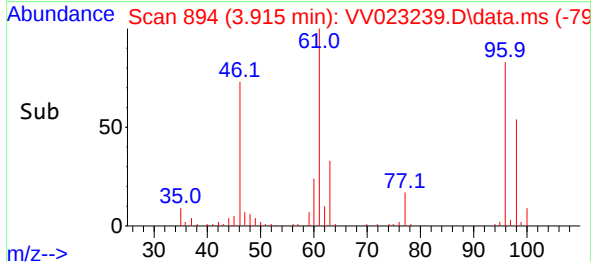
Instrument :
 MSVOA_V
 ClientSampleId :
 H4621MSD



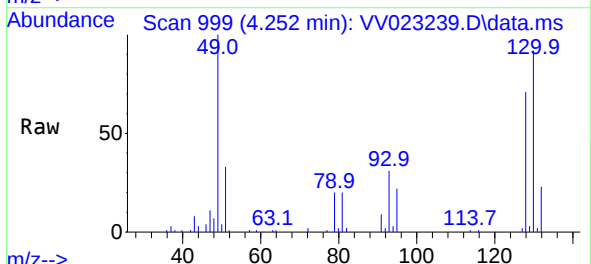
Tgt Ion: 96 Resp: 5122
 Ion Ratio Lower Upper
 96 100
 61 121.1 92.3 171.3
 68 0.0 0.4 0.8

Manual Integrations
 APPROVED

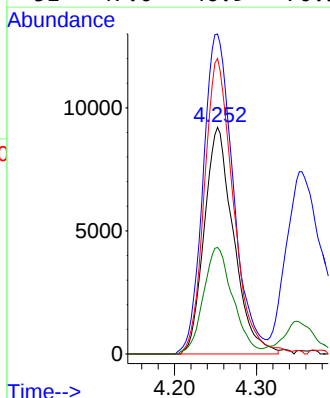
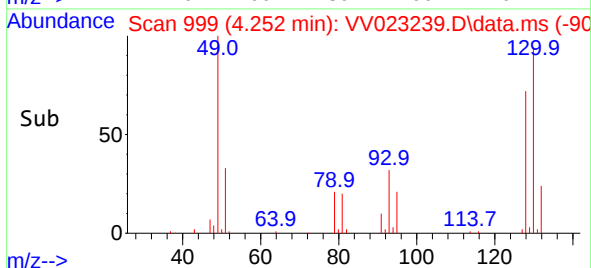
Reviewed By :John Carlone 11/10/2021
 Supervised By :Mahesh Dadoda 11/10/2021

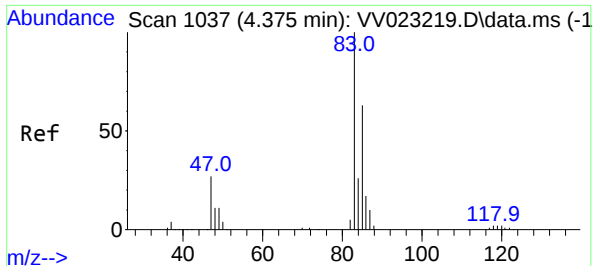


#23
 Bromochloromethane
 Concen: 5.129 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.009 min
 Lab File: VV023239.D
 Acq: 05 Nov 2021 17:57



Tgt Ion:128 Resp: 22834
 Ion Ratio Lower Upper
 128 100
 49 141.1 126.1 234.3
 130 130.4 95.2 176.8
 51 47.0 46.9 70.3





#25

Chloroform

Concen: 5.144 ug/L

RT: 4.378 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

Instrument :

MSVOA_V

ClientSampleId :

H4621MSD

Tgt Ion: 83 Resp: 92869

Ion Ratio Lower Upper

83 100

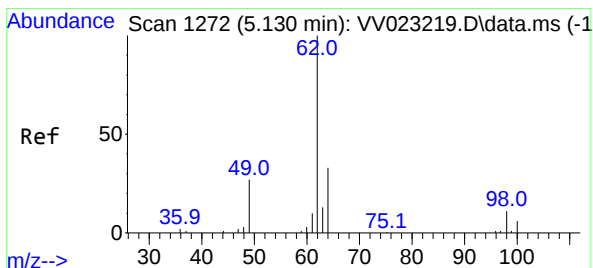
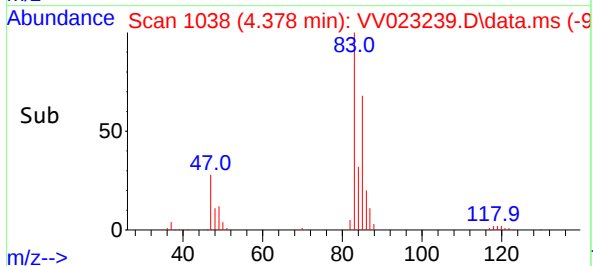
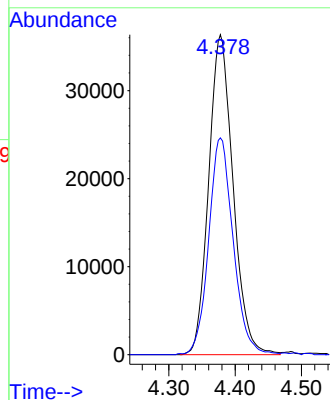
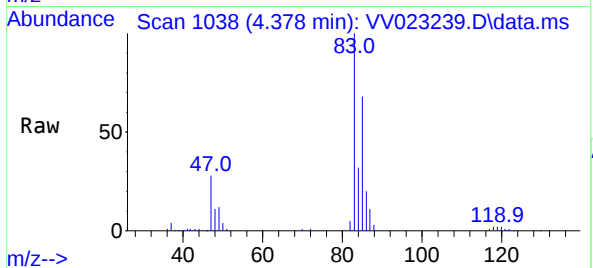
85 67.8 46.8 86.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/10/2021



#27

1,2-Dichloroethane

Concen: 4.999 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VV023239.D

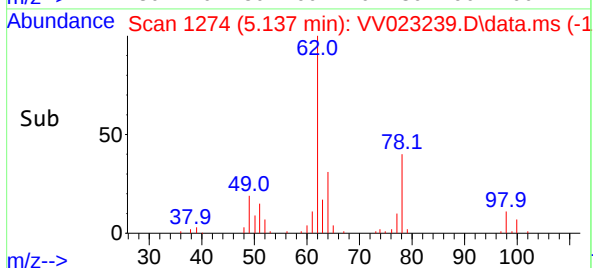
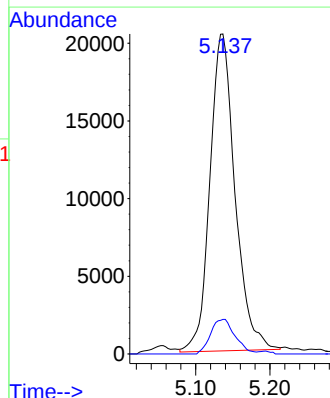
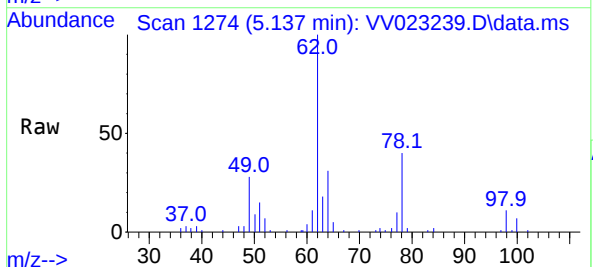
Acq: 05 Nov 2021 17:57

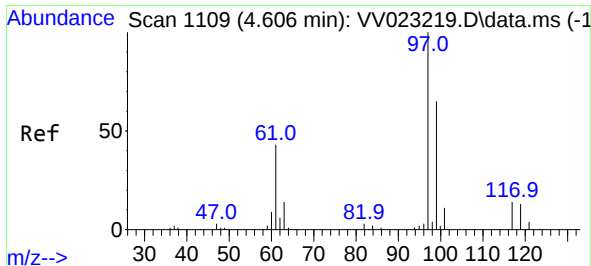
Tgt Ion: 62 Resp: 48011

Ion Ratio Lower Upper

62 100

98 10.8 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 5.159 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

Instrument :

MSVOA_V

ClientSampleId :

H4621MSD

Tgt Ion: 97 Resp: 8366

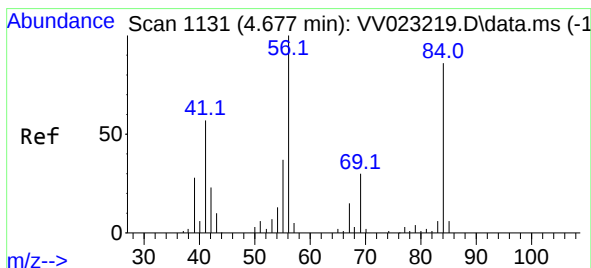
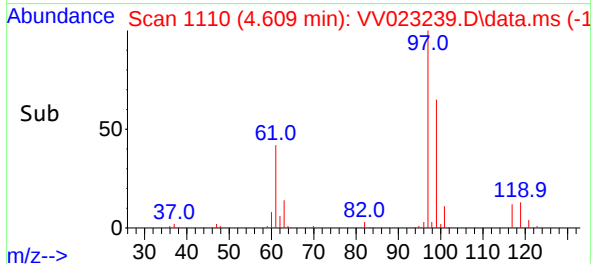
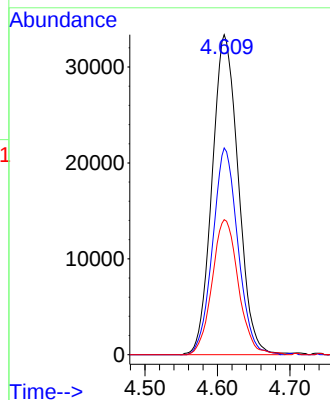
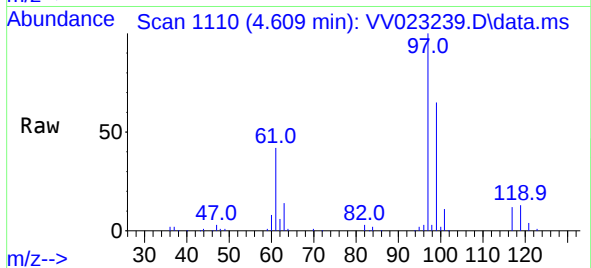
Ion	Ratio	Lower	Upper
97	100		
99	62.4	51.0	76.4
61	42.4	34.1	51.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/10/2021



#30

Cyclohexane

Concen: 4.994 ug/L

RT: 4.680 min Scan# 1132

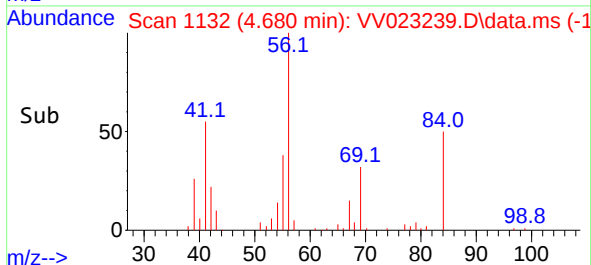
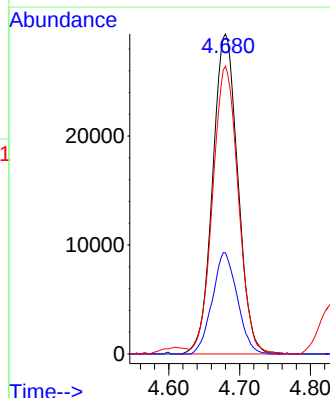
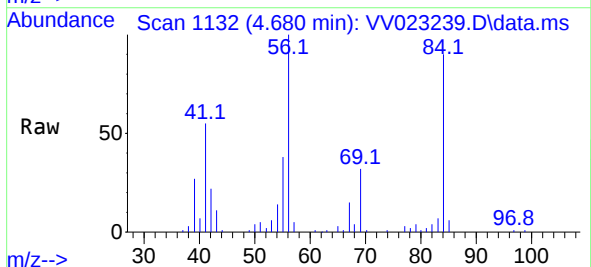
Delta R.T. 0.003 min

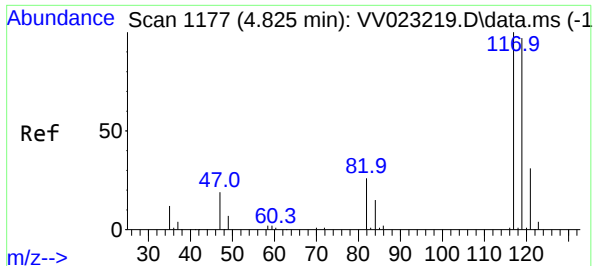
Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

Tgt Ion: 56 Resp: 72563

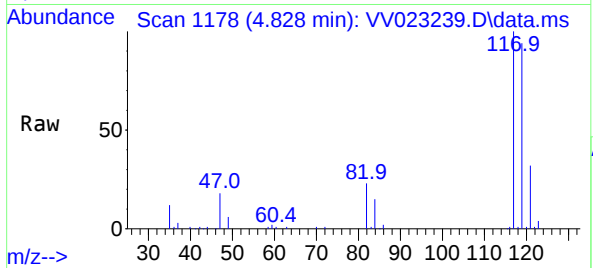
Ion	Ratio	Lower	Upper
56	100		
69	31.4	23.5	35.3
84	91.4	71.6	107.4





#31
Carbon tetrachloride
Concen: 5.138 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

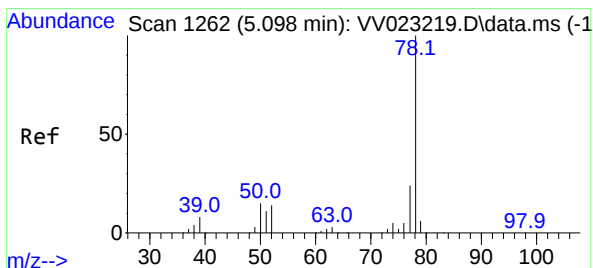
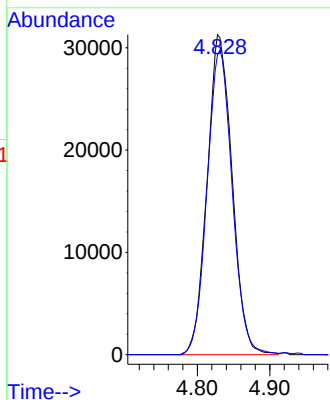
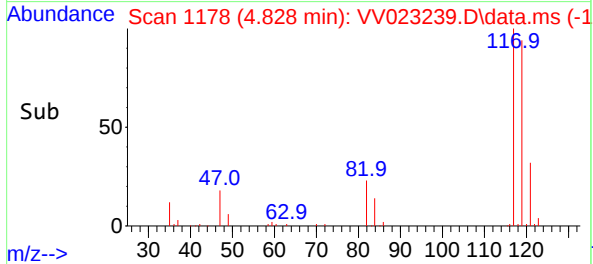
Instrument :
MSVOA_V
ClientSampleId :
H4621MSD



Tgt Ion: 117 Resp: 74829
Ion Ratio Lower Upper
117 100
119 95.7 78.8 118.2

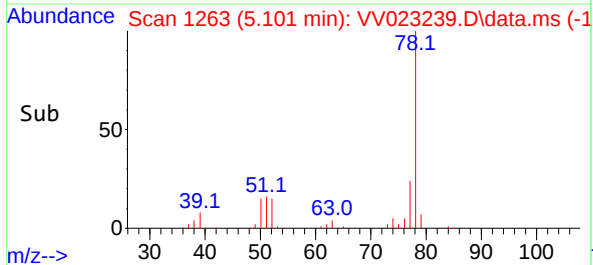
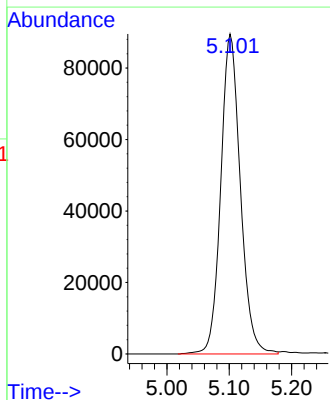
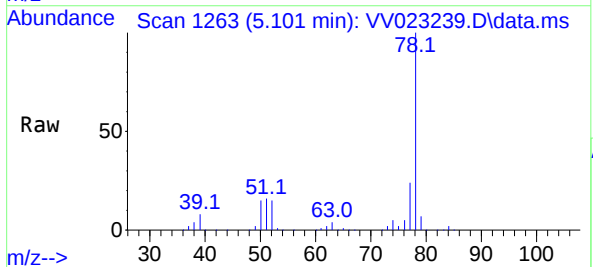
Manual Integrations
APPROVED

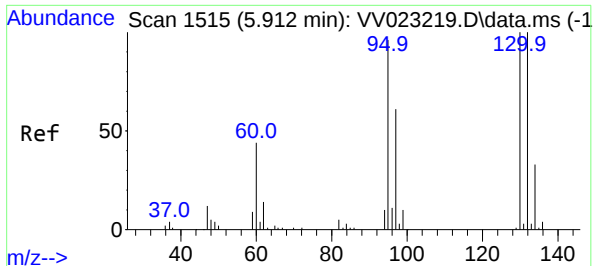
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#33
Benzene
Concen: 5.232 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

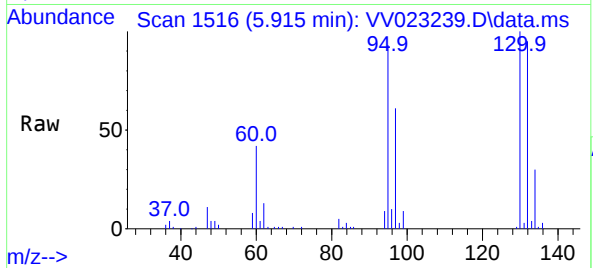
Tgt Ion: 78 Resp: 195251





#34
Trichloroethene
Concen: 5.076 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

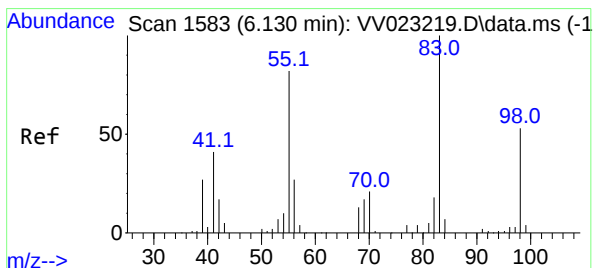
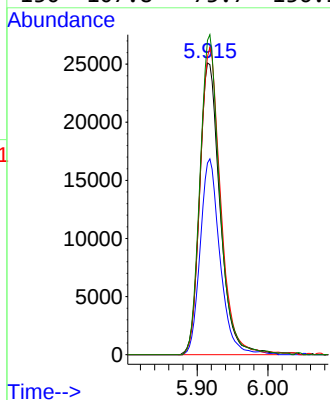
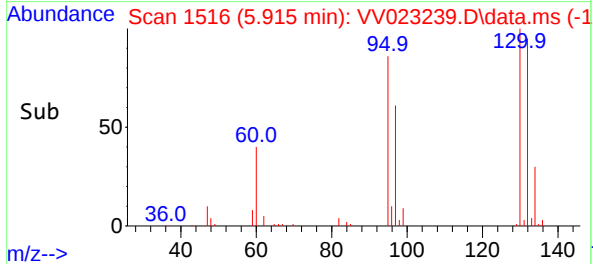
Instrument :
MSVOA_V
ClientSampleId :
H4621MSD



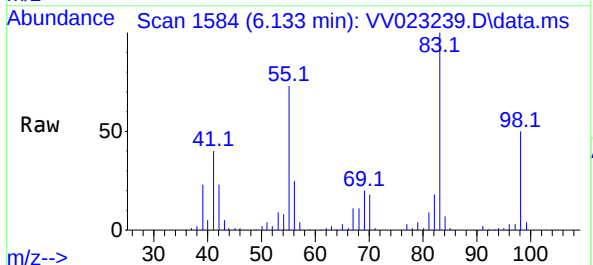
Tgt Ion: 95 Resp: 50372
Ion Ratio Lower Upper
95 100
97 65.7 45.0 83.6
132 102.2 69.7 129.4
130 107.8 73.7 136.9

Manual Integrations
APPROVED

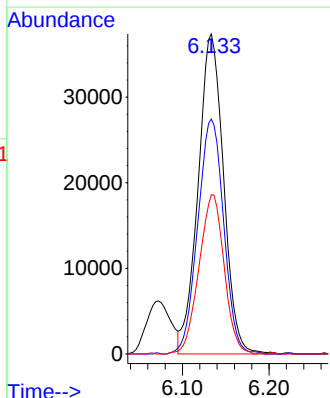
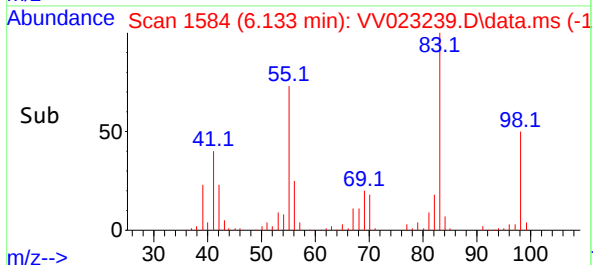
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021

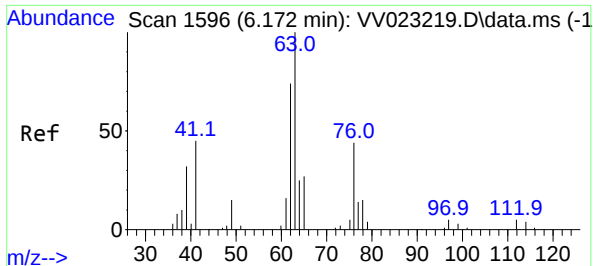


#35
Methylcyclohexane
Concen: 4.873 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57



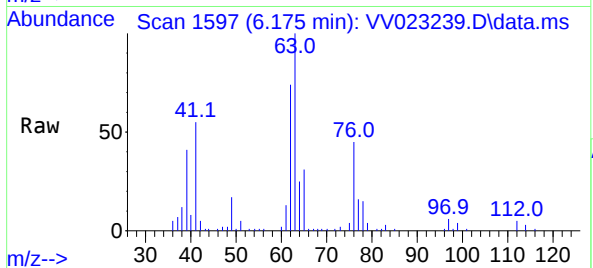
Tgt Ion: 83 Resp: 76328
Ion Ratio Lower Upper
83 100
55 74.9 62.8 94.2
98 49.2 37.9 56.9





#37
1,2-Dichloropropane
Concen: 5.354 ug/L
RT: 6.175 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

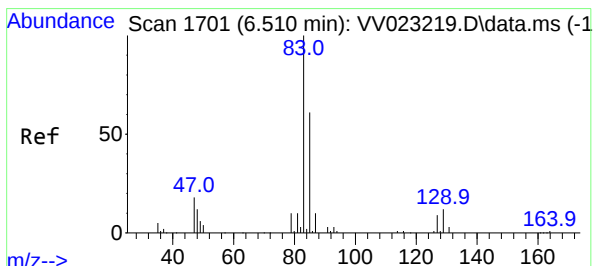
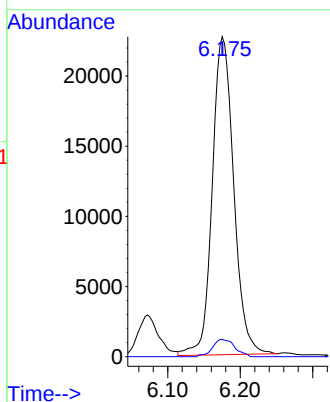
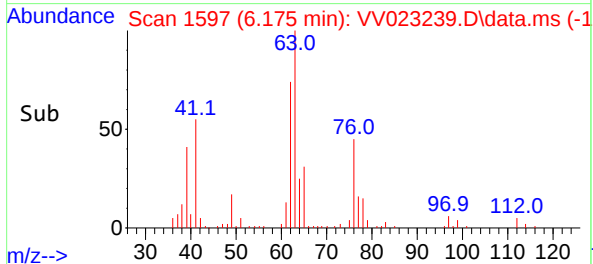
Instrument :
MSVOA_V
ClientSampleId :
H4621MSD



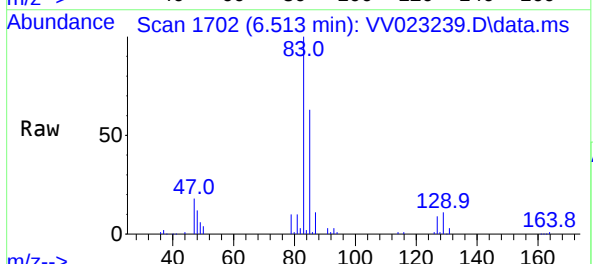
Tgt Ion: 63 Resp: 4663
Ion Ratio Lower Upper
63 100
112 5.6 4.6 6.8

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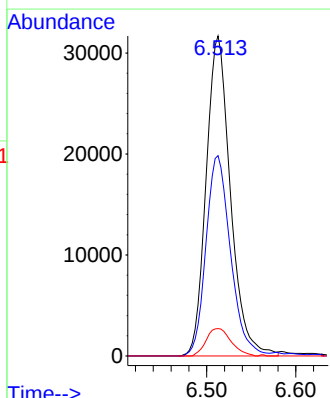
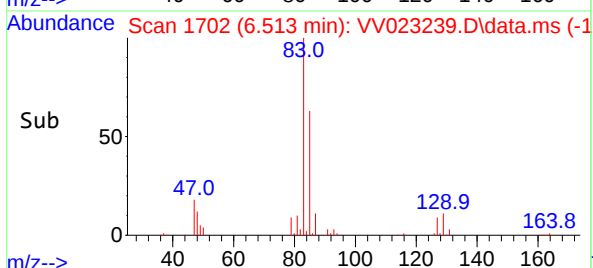
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021

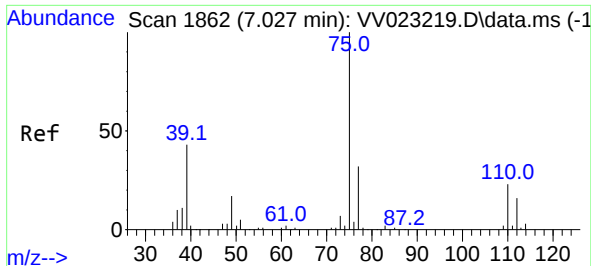


#38
Bromodichloromethane
Concen: 5.146 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57



Tgt Ion: 83 Resp: 60075
Ion Ratio Lower Upper
83 100
85 62.6 46.1 85.7
127 8.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.735 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

Instrument :

MSVOA_V

ClientSampleId :

H4621MSD

Tgt Ion: 75 Resp: 5933

Ion Ratio Lower Upper

75 100

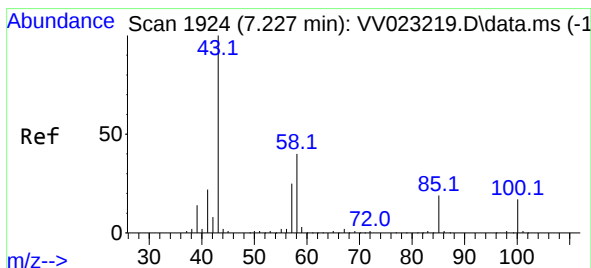
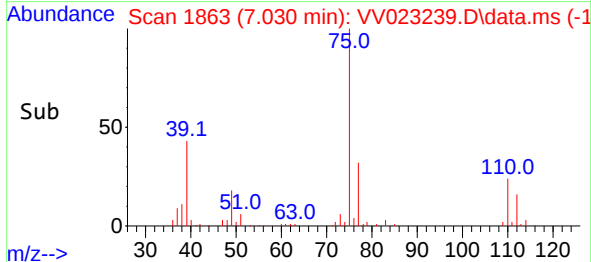
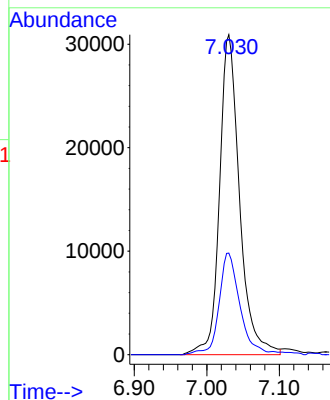
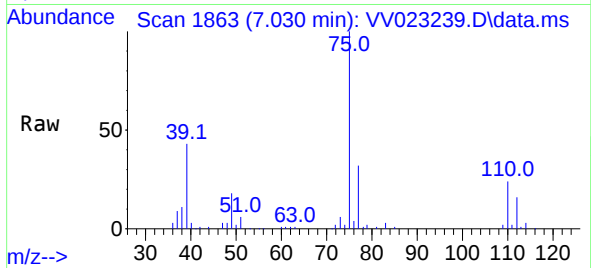
77 31.7 21.6 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/10/2021



#40

4-Methyl-2-pentanone

Concen: 57.225 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

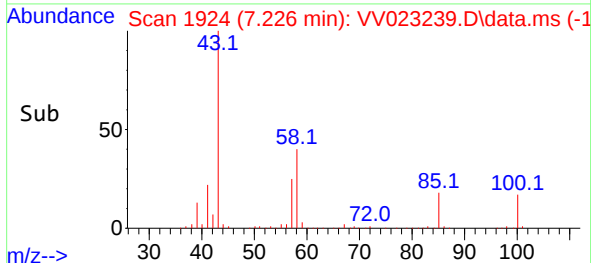
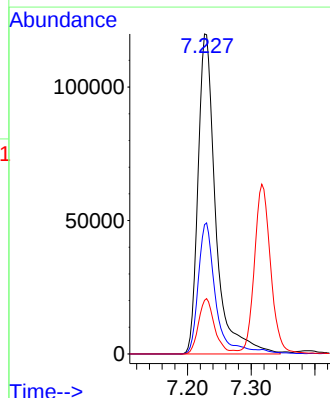
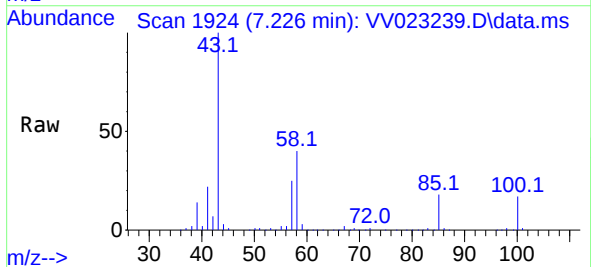
Tgt Ion: 43 Resp: 231207

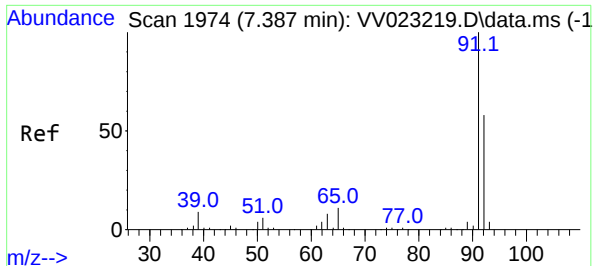
Ion Ratio Lower Upper

43 100

58 39.9 31.1 46.7

100 15.6 12.6 19.0





#42

Toluene

Concen: 5.428 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

Instrument :

MSVOA_V

ClientSampleId :

H4621MSD

Tgt Ion: 91 Resp: 216659

Ion Ratio Lower Upper

91 100

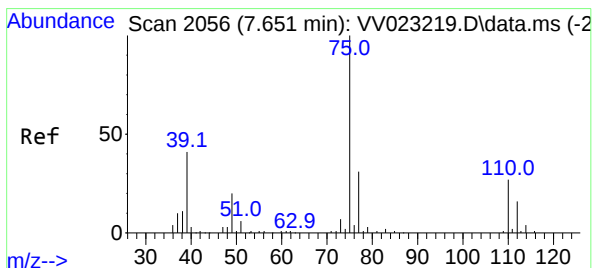
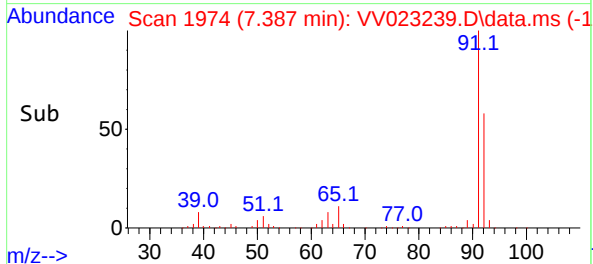
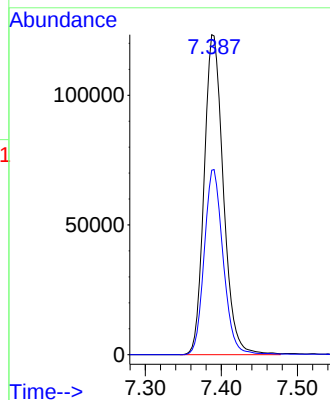
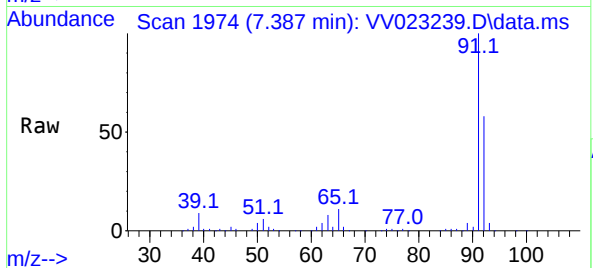
92 57.6 39.3 72.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/10/2021



#44

trans-1,3-Dichloropropene

Concen: 4.876 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV023239.D

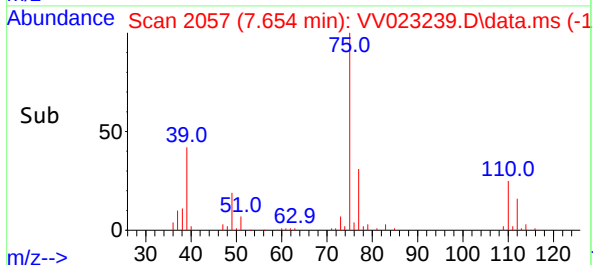
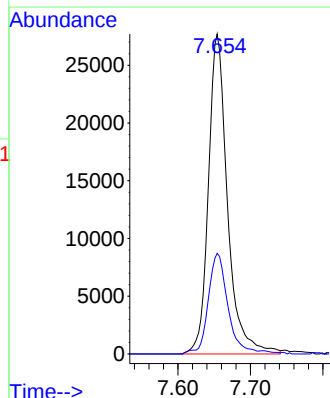
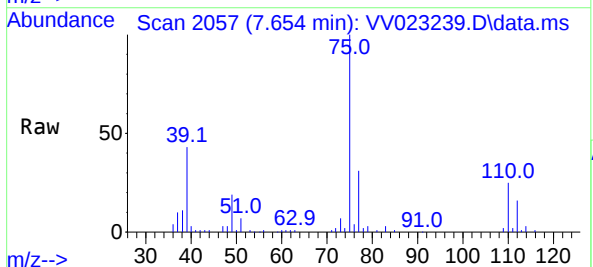
Acq: 05 Nov 2021 17:57

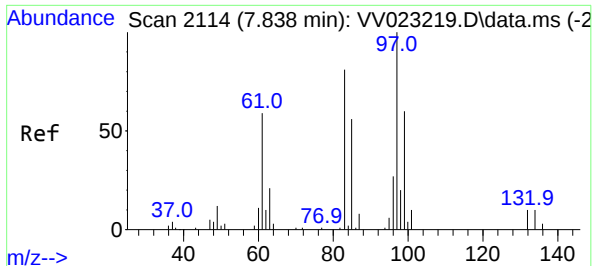
Tgt Ion: 75 Resp: 50690

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 5.080 ug/L

RT: 7.841 min Scan# 2114

Delta R.T. 0.003 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

Instrument :

MSVOA_V

ClientSampleId :

H4621MSD

Tgt Ion: 97 Resp: 3179

Ion Ratio Lower Upper

97 100

99 62.7 43.6 81.0

83 90.4 58.4 108.4

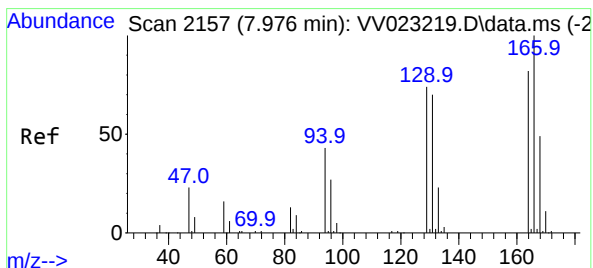
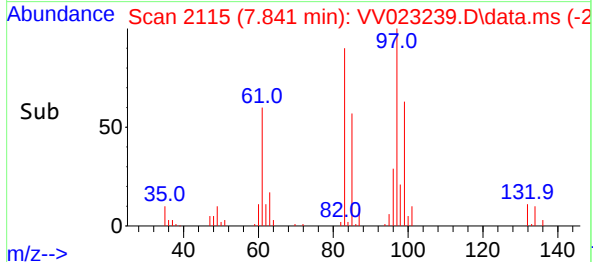
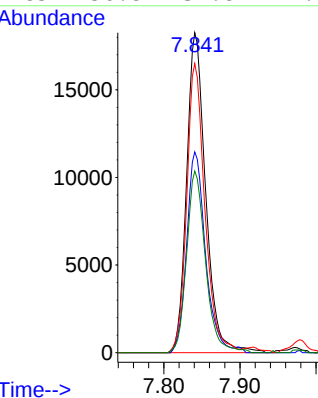
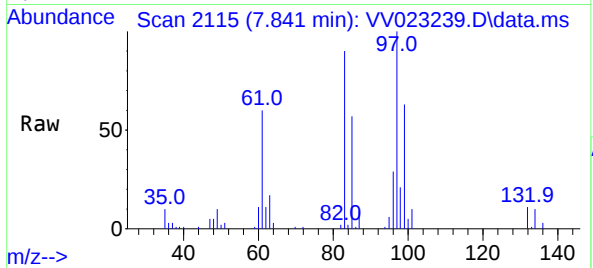
85 56.8 39.8 74.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/10/2021



#47

Tetrachloroethene

Concen: 5.063 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

Tgt Ion:164 Resp: 43540

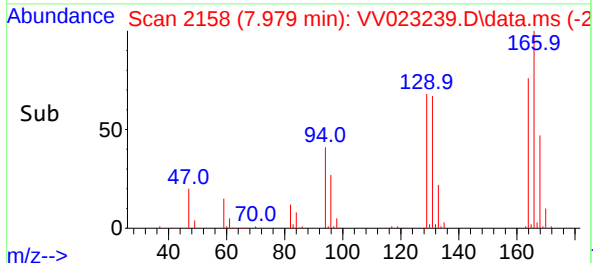
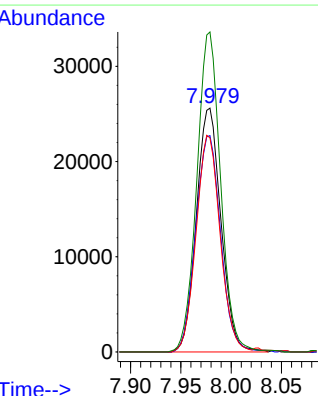
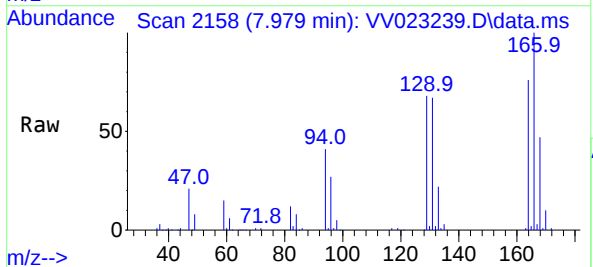
Ion Ratio Lower Upper

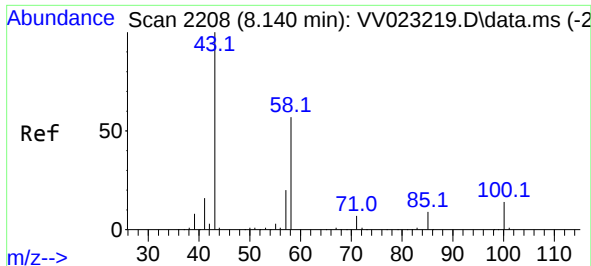
164 100

129 88.7 64.0 119.0

131 87.8 63.4 117.8

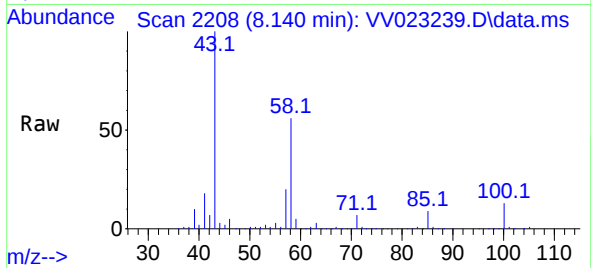
166 131.2 89.3 165.9





#48
2-Hexanone
Concen: 58.732 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

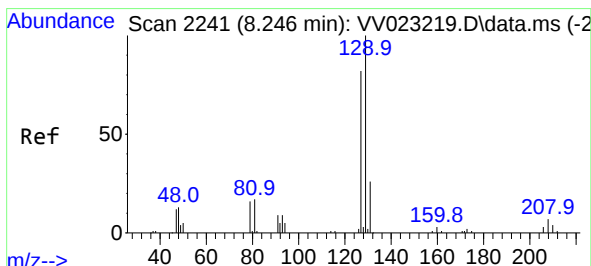
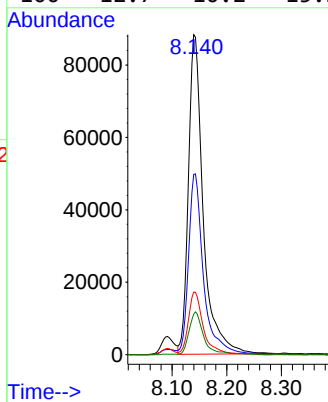
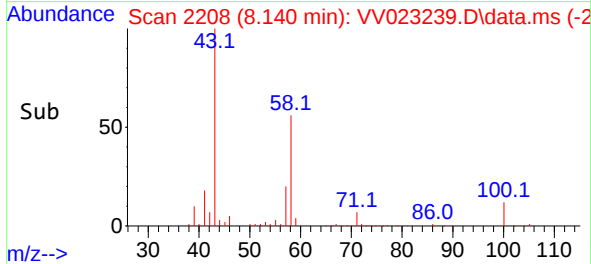
Instrument :
MSVOA_V
ClientSampleId :
H4621MSD



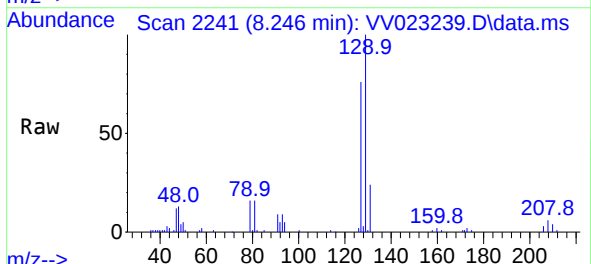
Tgt Ion: 43 Resp: 166275
Ion Ratio Lower Upper
43 100
58 55.7 43.7 65.5
57 19.0 14.1 21.1
100 12.7 10.2 15.2

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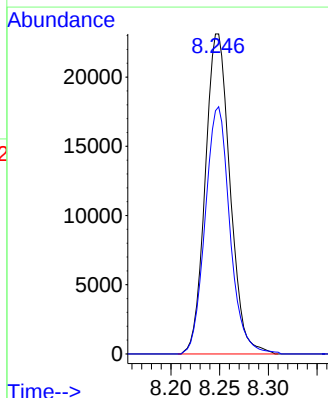
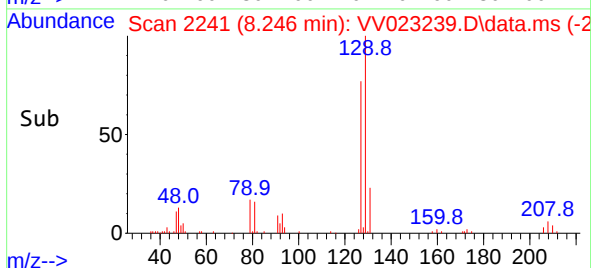
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021

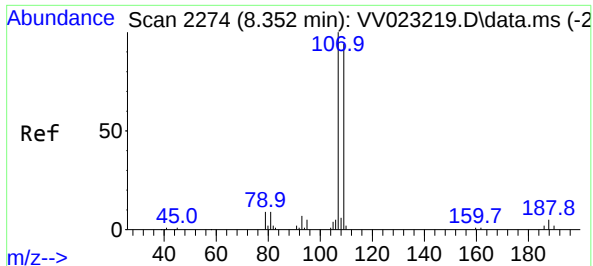


#49
Dibromochloromethane
Concen: 5.155 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57



Tgt Ion:129 Resp: 40888
Ion Ratio Lower Upper
129 100
127 76.0 54.7 101.7





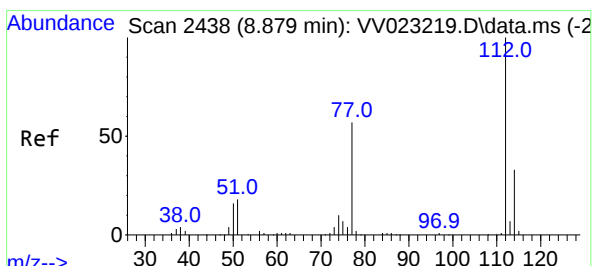
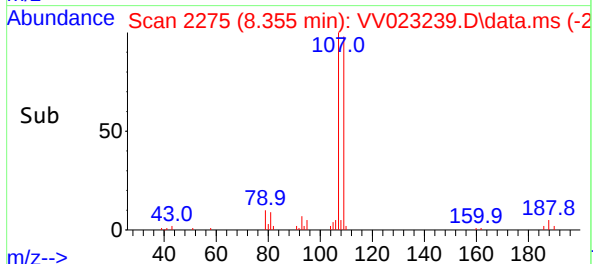
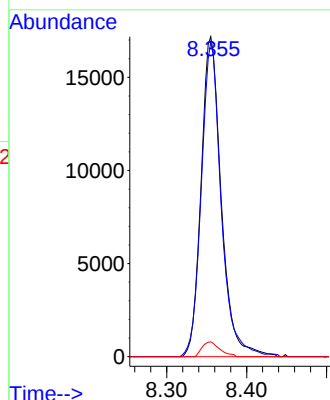
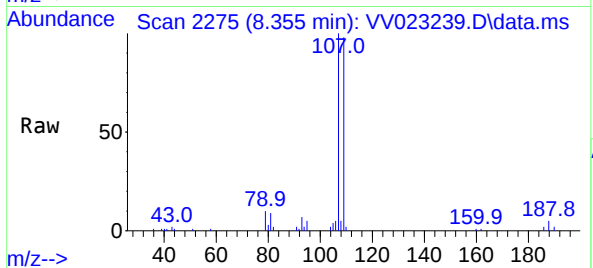
#50
1,2-Dibromoethane
Concen: 5.201 ug/L
RT: 8.355 min Scan# 217
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Instrument :
MSVOA_V
ClientSampleId :
H4621MSD

Tgt Ion:107 Resp: 3017
Ion Ratio Lower Upper
107 100
109 98.3 64.7 120.1
188 4.6 3.6 5.4

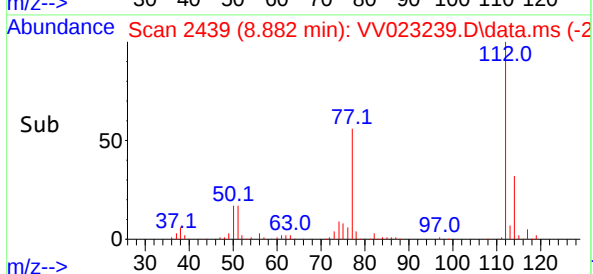
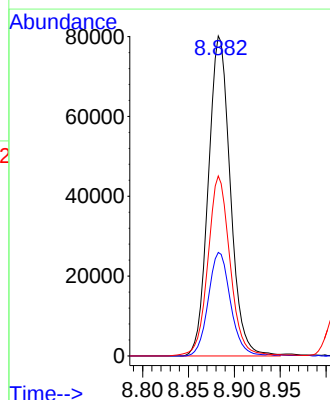
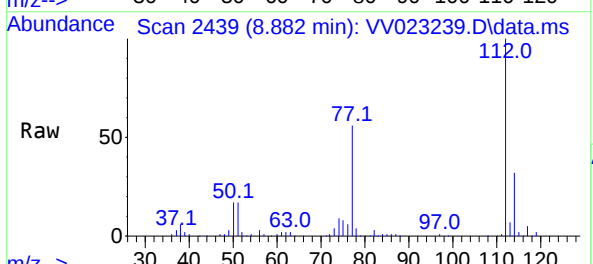
Manual Integrations
APPROVED

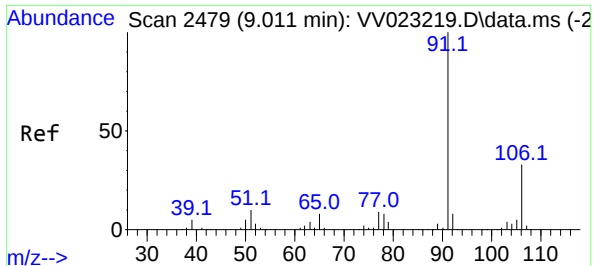
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#51
Chlorobenzene
Concen: 5.038 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Tgt Ion:112 Resp: 133650
Ion Ratio Lower Upper
112 100
114 32.3 22.0 40.8
77 56.2 44.4 66.6





#52

Ethylbenzene

Concen: 5.131 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

Instrument :

MSVOA_V

ClientSampleId :

H4621MSD

Tgt Ion: 91 Resp: 215990

Ion Ratio Lower Upper

91 100

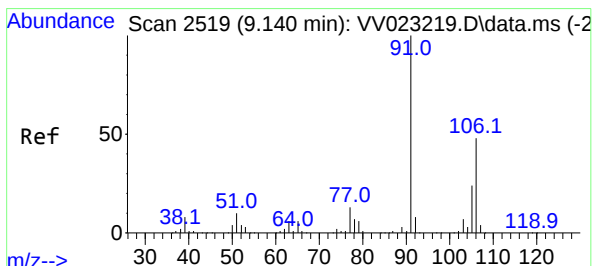
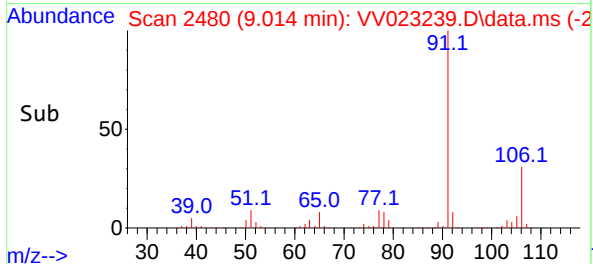
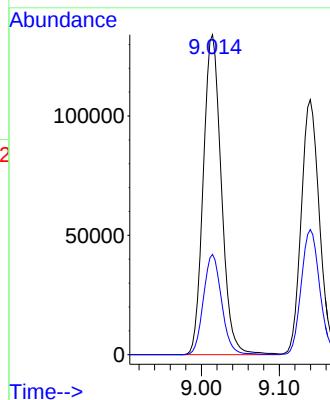
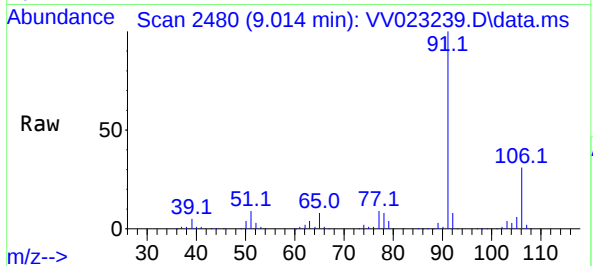
106 31.3 22.5 41.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/10/2021



#53

m,p-xylene

Concen: 5.226 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV023239.D

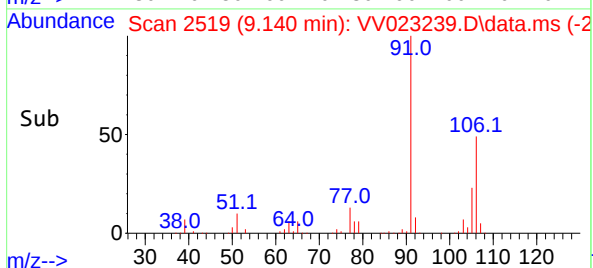
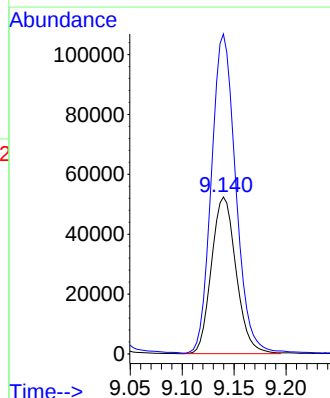
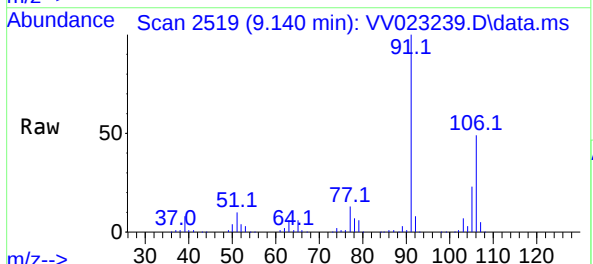
Acq: 05 Nov 2021 17:57

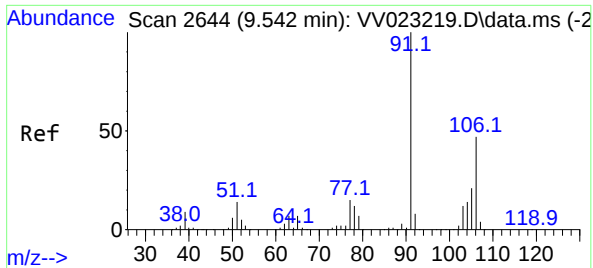
Tgt Ion:106 Resp: 86333

Ion Ratio Lower Upper

106 100

91 203.8 137.2 254.8





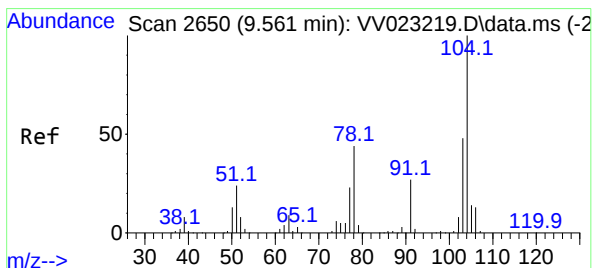
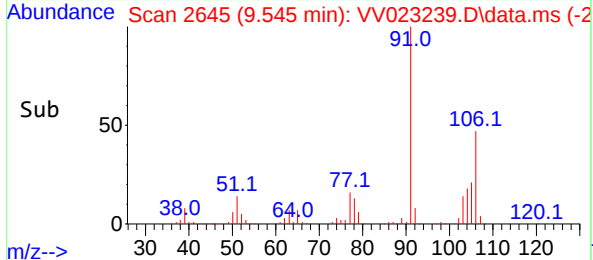
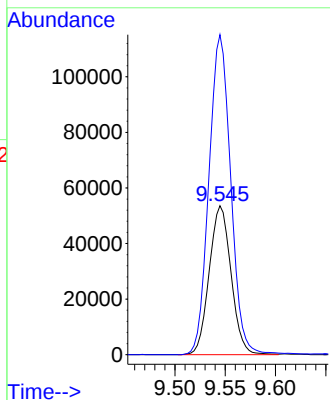
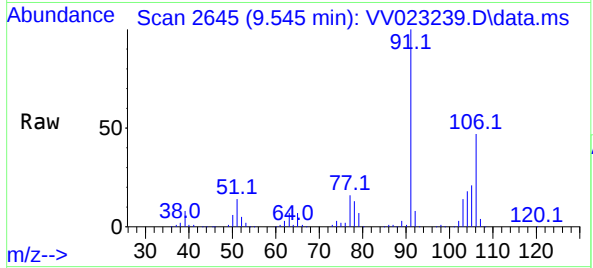
#54
o-xylene
Concen: 5.227 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Instrument :
MSVOA_V
ClientSampleId :
H4621MSD

Tgt Ion:106 Resp: 8101
Ion Ratio Lower Upper
106 100
91 214.7 148.3 275.5

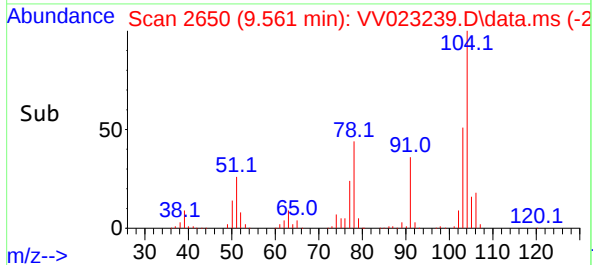
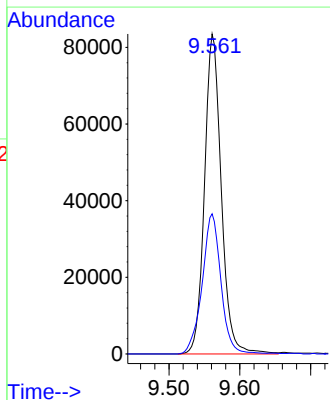
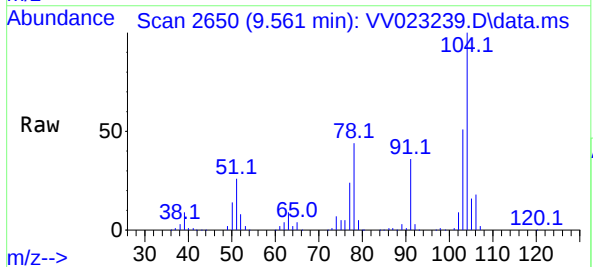
Manual Integrations
APPROVED

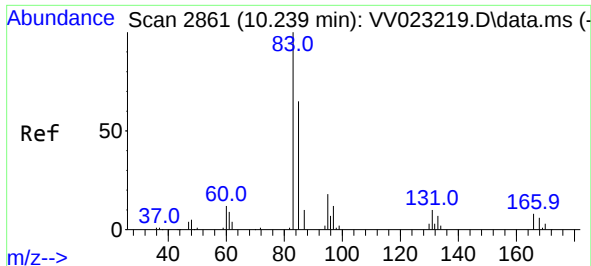
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#55
Styrene
Concen: 5.170 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Tgt Ion:104 Resp: 137276
Ion Ratio Lower Upper
104 100
78 43.8 29.3 54.3





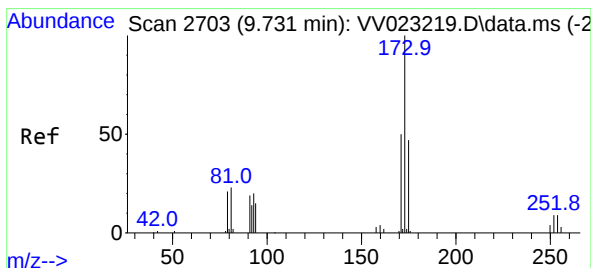
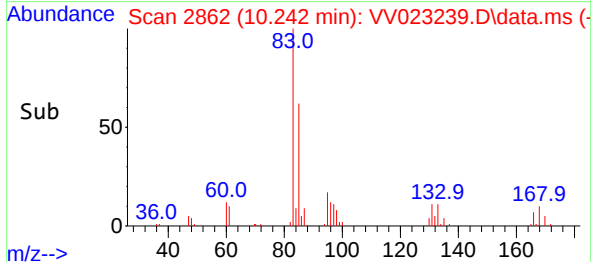
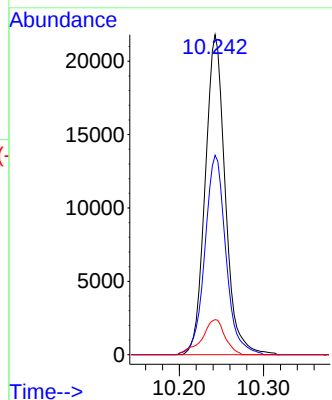
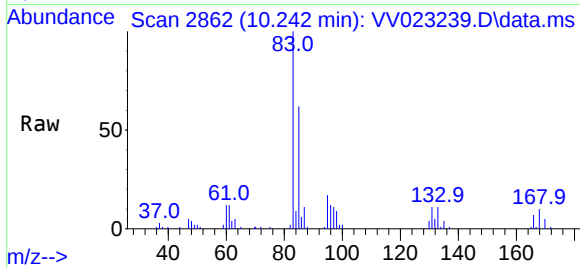
#57
1,1,2,2-Tetrachloroethane
Concen: 5.260 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Instrument :
MSVOA_V
ClientSampleId :
H4621MSD

Tgt Ion: 83 Resp: 36072
Ion Ratio Lower Upper
83 100
85 62.3 45.1 83.9
131 11.0 7.8 11.6

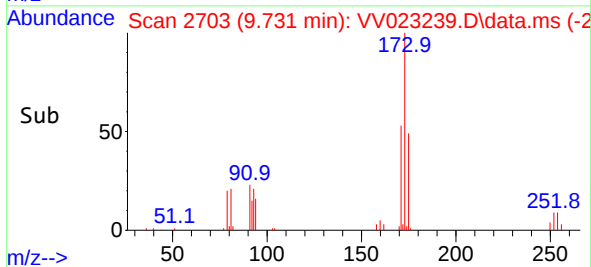
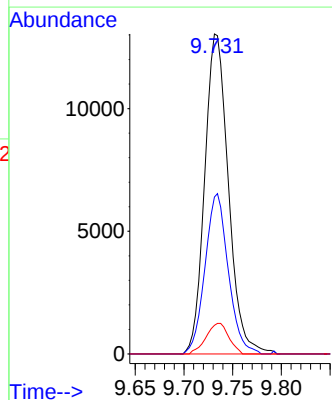
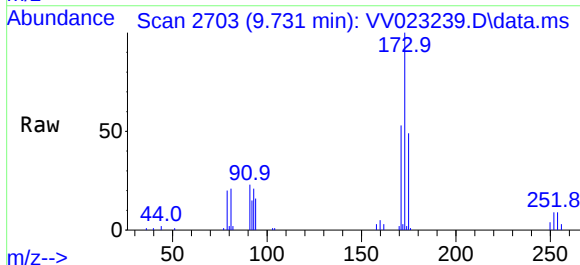
Manual Integrations
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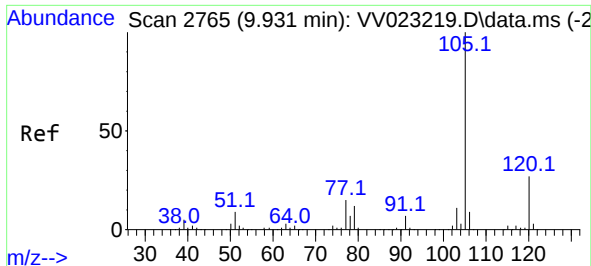
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#59
Bromoform
Concen: 5.017 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

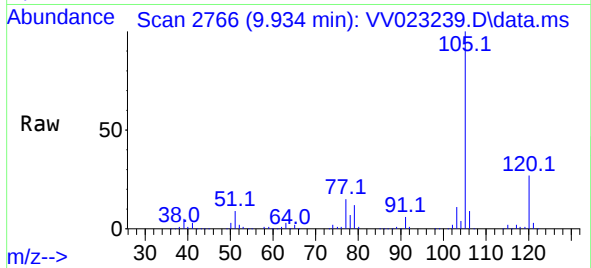
Tgt Ion:173 Resp: 22058
Ion Ratio Lower Upper
173 100
175 49.2 38.2 57.2
254 9.1 6.2 9.2





#60
Isopropylbenzene
Concen: 5.161 ug/L
RT: 9.934 min Scan# 217992
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

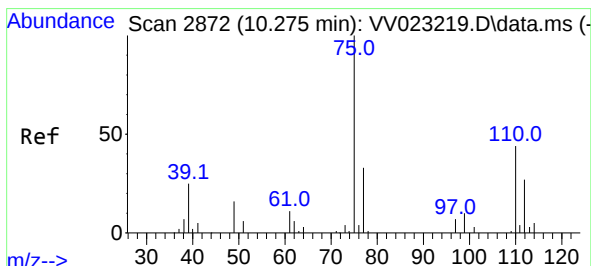
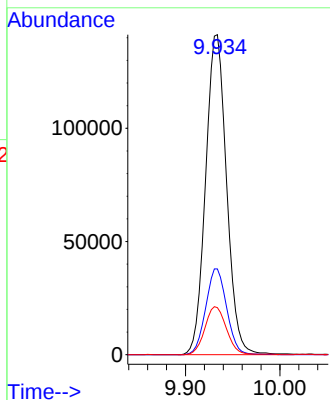
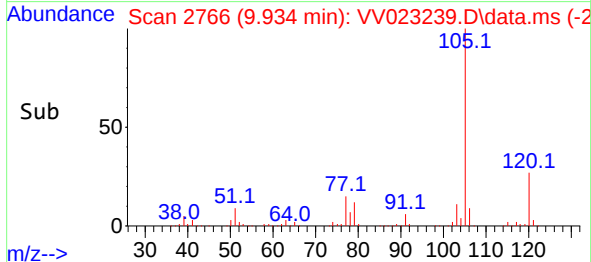
Instrument :
MSVOA_V
ClientSampleId :
H4621MSD



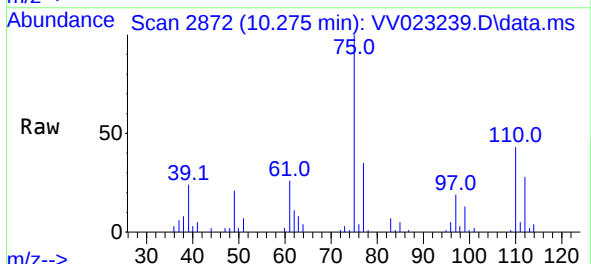
Tgt Ion:105 Resp: 217992
Ion Ratio Lower Upper
105 100
120 26.8 21.7 32.5
77 15.4 12.6 19.0

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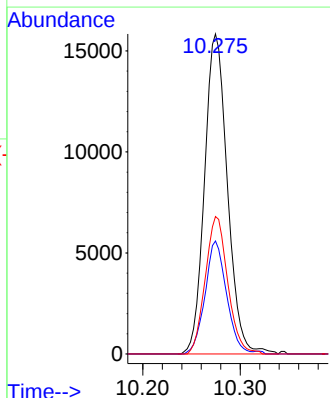
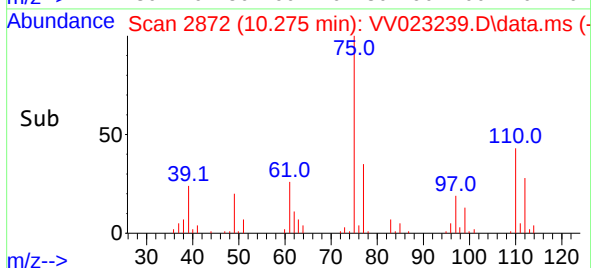
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021

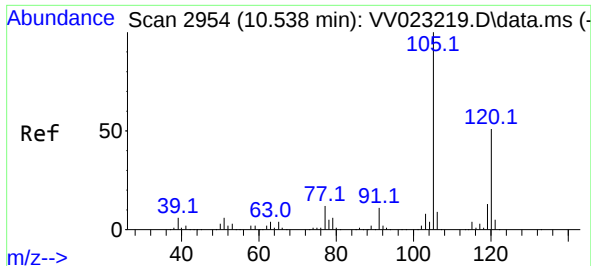


#61
1,2,3-Trichloropropane
Concen: 5.289 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57



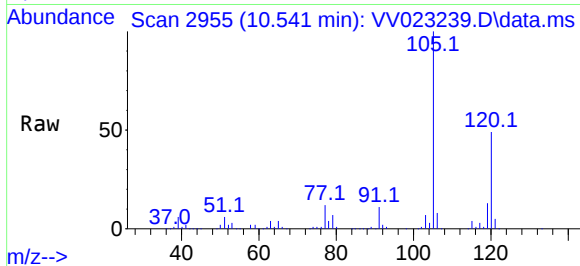
Tgt Ion: 75 Resp: 25862
Ion Ratio Lower Upper
75 100
77 33.3 26.6 39.8
110 42.2 31.8 47.6





#62
1,3,5-Trimethylbenzene
Concen: 5.040 ug/L
RT: 10.541 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

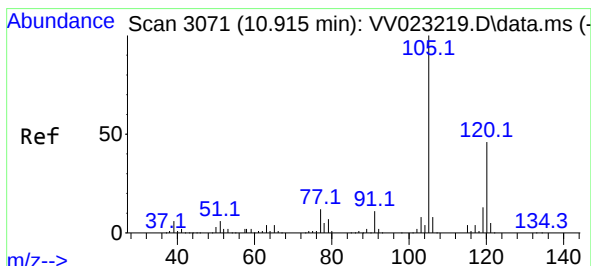
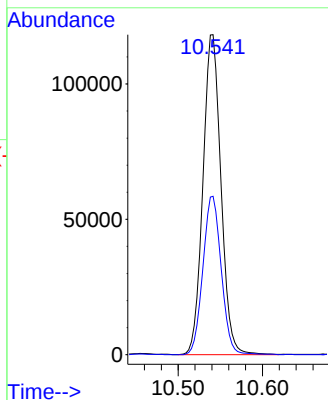
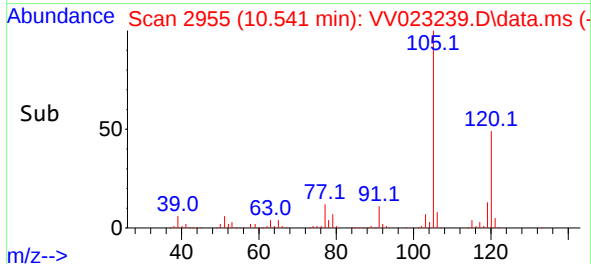
Instrument :
MSVOA_V
ClientSampleId :
H4621MSD



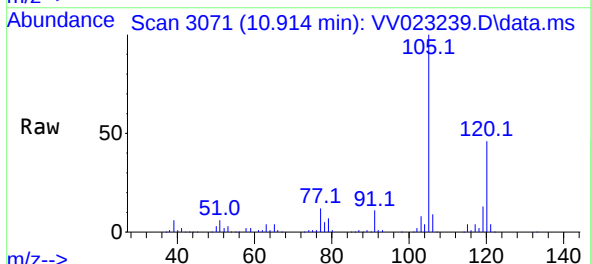
Tgt Ion:105 Resp: 176510
Ion Ratio Lower Upper
105 100
120 50.3 39.7 59.5

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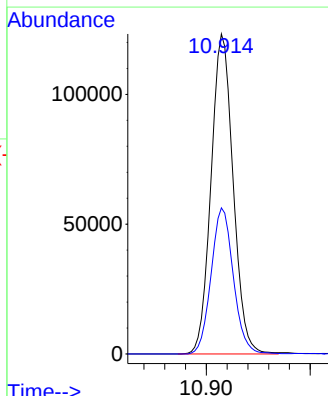
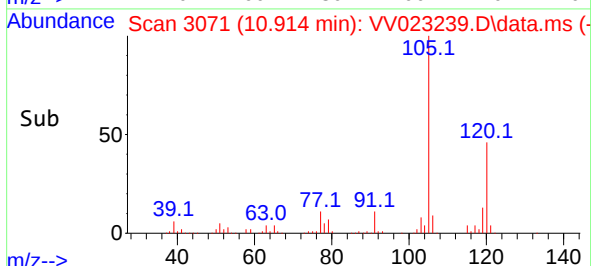
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021

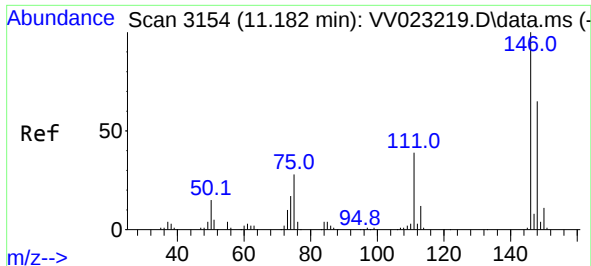


#63
1,2,4-Trimethylbenzene
Concen: 5.220 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57



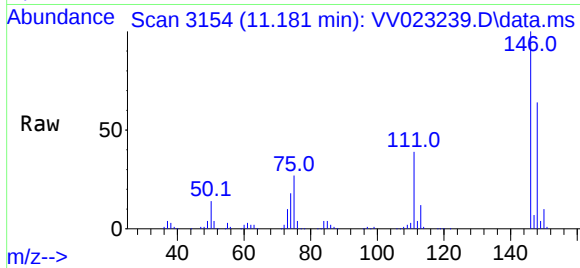
Tgt Ion:105 Resp: 181973
Ion Ratio Lower Upper
105 100
120 45.9 37.4 56.2





#64
1,3-Dichlorobenzene
Concen: 5.098 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

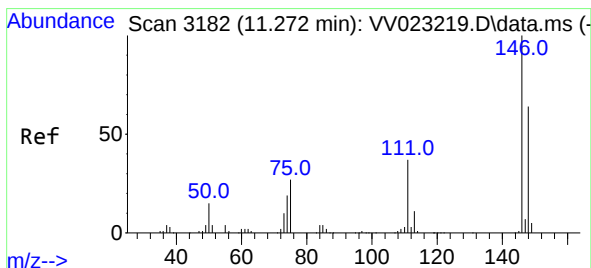
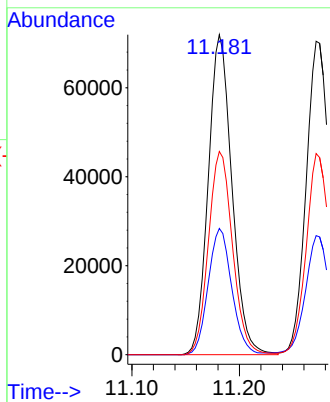
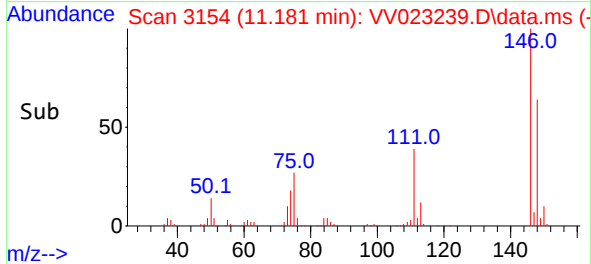
Instrument :
MSVOA_V
ClientSampleId :
H4621MSD



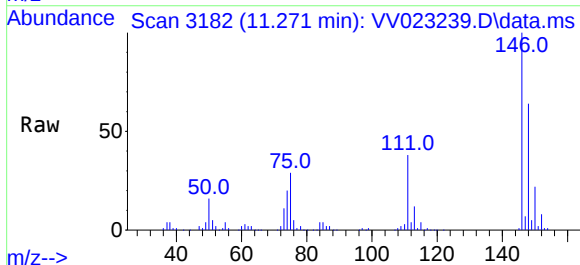
Tgt Ion:146 Resp: 110034
Ion Ratio Lower Upper
146 100
111 39.5 26.7 49.7
148 63.5 42.9 79.7

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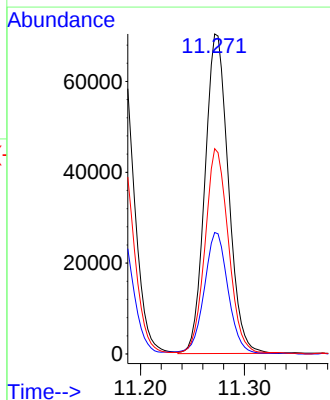
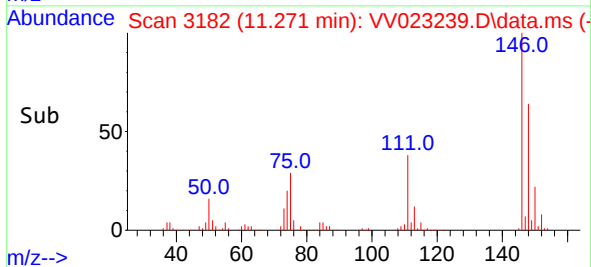
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021

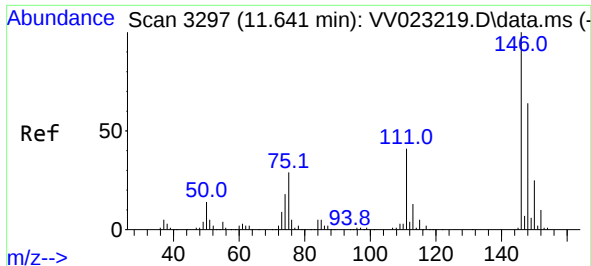


#65
1,4-Dichlorobenzene
Concen: 5.002 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57



Tgt Ion:146 Resp: 110242
Ion Ratio Lower Upper
146 100
111 38.0 26.2 48.8
148 64.2 44.4 82.5





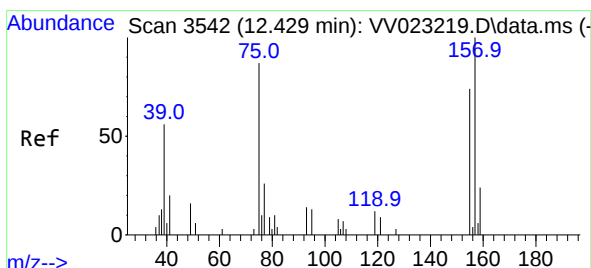
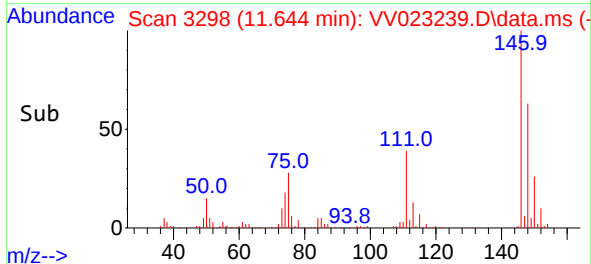
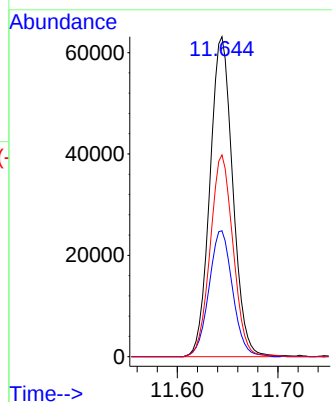
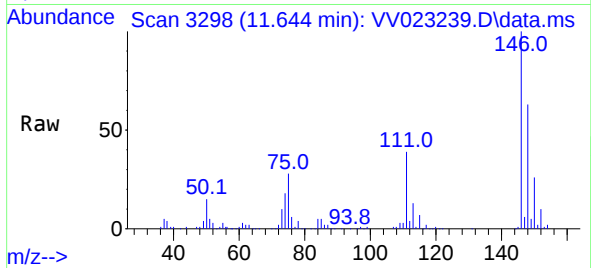
#67
1,2-Dichlorobenzene
Concen: 5.158 ug/L
RT: 11.644 min Scan# 3297
Delta R.T. 0.003 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Instrument :
MSVOA_V
ClientSampleId :
H4621MSD

Tgt Ion:146 Resp: 9961
Ion Ratio Lower Upper
146 100
111 39.4 31.6 47.4
148 63.0 51.0 76.6

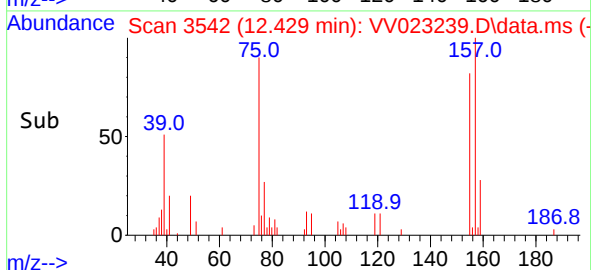
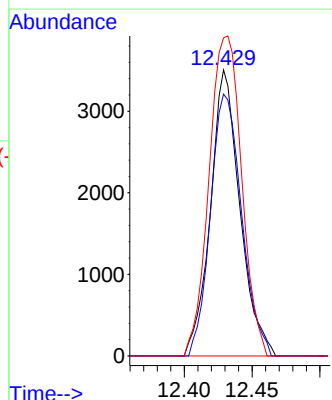
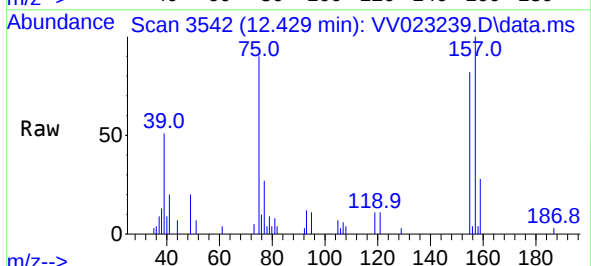
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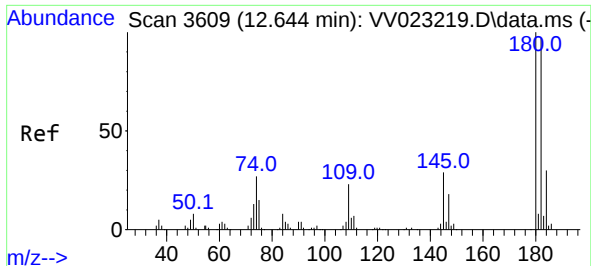
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#68
1,2-Dibromo-3-chloropropane
Concen: 5.091 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

Tgt Ion: 75 Resp: 5303
Ion Ratio Lower Upper
75 100
155 91.6 67.7 101.5
157 111.2 87.9 131.9





#69

1,3,5-Trichlorobenzene

Concen: 4.848 ug/L

RT: 12.648 min Scan# 3610

Delta R.T. 0.003 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

Instrument :

MSVOA_V

ClientSampleId :

H4621MSD

Tgt Ion:180 Resp: 81914

Ion Ratio Lower Upper

180 100

182 94.6 74.9 112.3

184 30.4 23.8 35.8

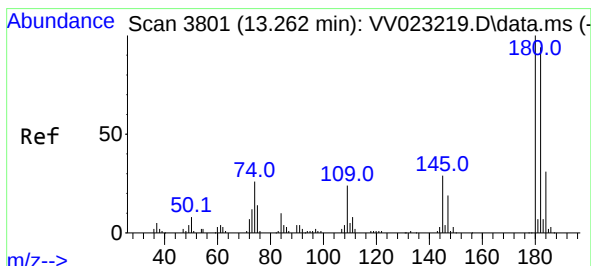
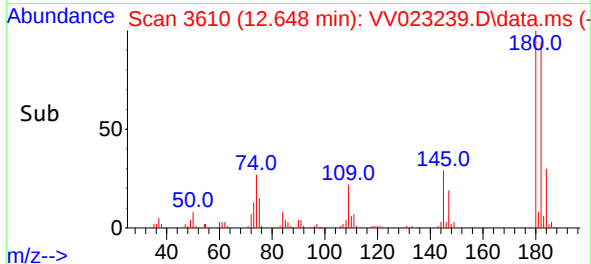
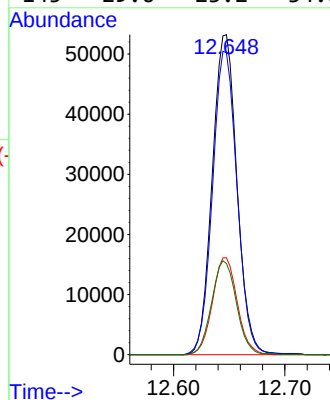
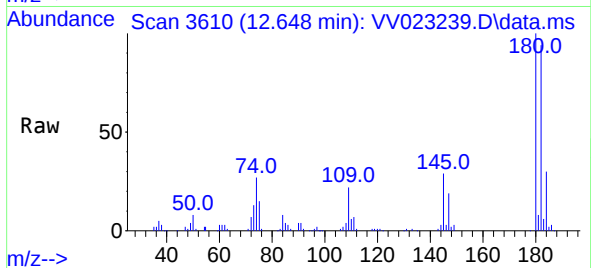
145 29.6 23.2 34.8

Manual Integrations

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Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/10/2021



#70

1,2,4-trichlorobenzene

Concen: 4.769 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. -0.000 min

Lab File: VV023239.D

Acq: 05 Nov 2021 17:57

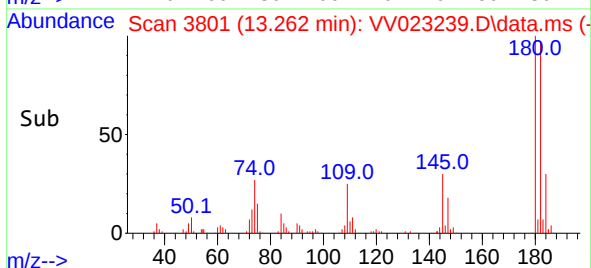
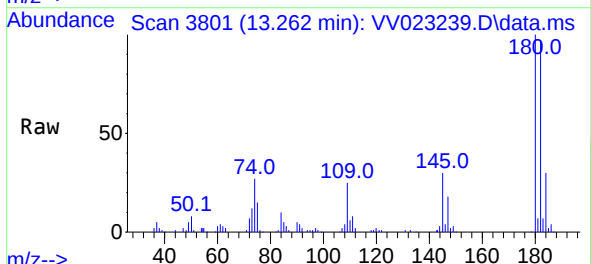
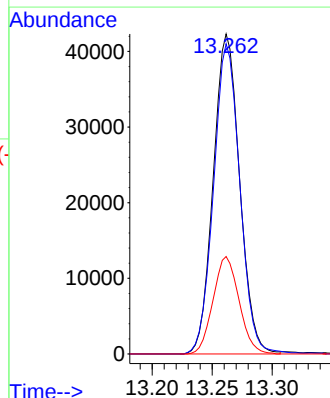
Tgt Ion:180 Resp: 64528

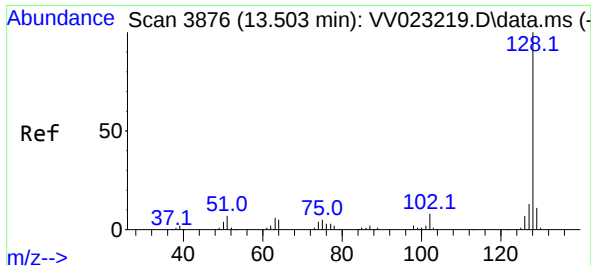
Ion Ratio Lower Upper

180 100

182 96.8 76.9 115.3

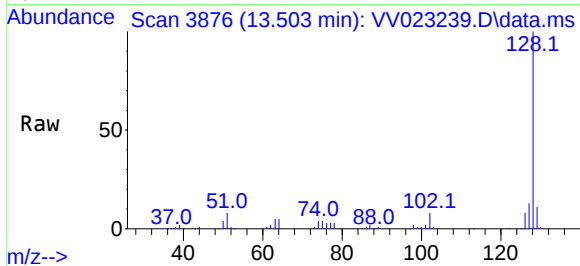
145 30.1 24.4 36.6





#71
Naphthalene
Concen: 4.899 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57

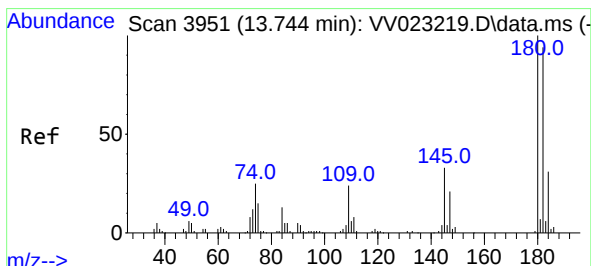
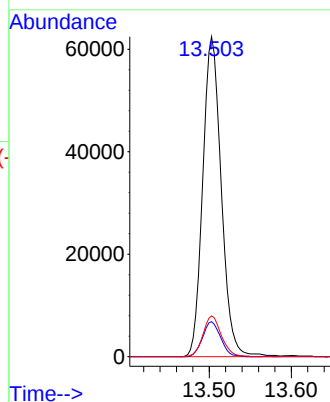
Instrument :
MSVOA_V
ClientSampleId :
H4621MSD



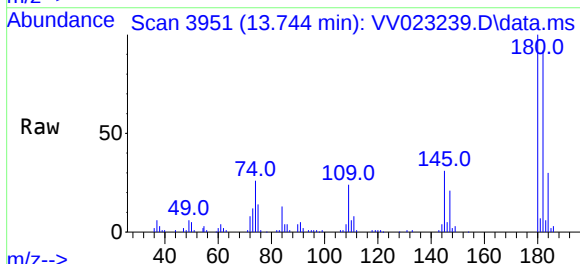
Tgt Ion:128 Resp: 97752
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.7 10.5 15.7

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



#72
1,2,3-Trichlorobenzene
Concen: 4.996 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV023239.D
Acq: 05 Nov 2021 17:57



Tgt Ion:180 Resp: 59151
Ion Ratio Lower Upper
180 100
182 96.0 76.7 115.1
145 31.6 25.7 38.5

