

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV013023\
 Data File : VV030000.D
 Acq On : 30 Jan 2023 18:34
 Operator : SY/MD
 Sample : 01314-21MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A44L5MS

Quant Time: Jan 31 02:21:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 31 02:16:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	491899	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	476814	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	289778	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	140445	40.975	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	81.960%	
7) Chloroethane-d5	1.561	69	132037	45.793	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	91.580%	
11) 1,1-Dichloroethene-d2	2.105	63	291611	47.876	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	95.760%	
21) 2-Butanone-d5	3.864	46	222428	111.366	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	111.370%	
24) Chloroform-d	4.336	84	286718	44.992	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	89.980%	
26) 1,2-Dichloroethane-d4	5.021	65	160485	44.982	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	89.960%	
32) Benzene-d6	5.040	84	580101	45.474	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	90.940%	
36) 1,2-Dichloropropane-d6	6.060	67	192153	48.935	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	97.860%	
41) Toluene-d8	7.304	98	520791	44.548	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	89.100%	
43) trans-1,3-Dichloroprop...	7.609	79	83768	48.027	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	96.060%	
47) 2-Hexanone-d5	8.079	63	183036	108.409	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	108.410%	
56) 1,1,2,2-Tetrachloroeth...	10.204	84	293755	48.342	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	96.680%	
66) 1,2-Dichlorobenzene-d4	11.612	152	224894m	43.556	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	87.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	195707	55.576	ug/L	100
3) Chloromethane	1.240	50	280288	78.183	ug/L	99
5) Vinyl chloride	1.307	62	275194	66.702	ug/L	100
6) Bromomethane	1.513	94	75831	43.303	ug/L	99
8) Chloroethane	1.577	64	166702	63.218	ug/L	99
9) Trichlorofluoromethane	1.748	101	282497	50.765	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	172978	50.533	ug/L	94
12) 1,1-Dichloroethene	2.114	96	179865	54.463	ug/L	85
13) Acetone	2.153	43	186783	77.440	ug/L	97
14) Carbon disulfide	2.288	76	549817	65.227	ug/L	100
15) Methyl Acetate	2.420	43	202992	65.062	ug/L	93
16) Methylene chloride	2.497	84	216156	54.861	ug/L	93
17) trans-1,2-Dichloroethene	2.751	96	191949	55.424	ug/L	93
18) Methyl tert-butyl Ether	2.761	73	574716	53.075	ug/L	98
19) 1,1-Dichloroethane	3.179	63	355585	56.480	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	276163	71.235	ug/L	92
22) 2-Butanone	3.947	43	273735	109.718	ug/L	98
23) Bromochloromethane	4.233	128	105486	51.984	ug/L	88
25) Chloroform	4.362	83	343983	52.594	ug/L	98

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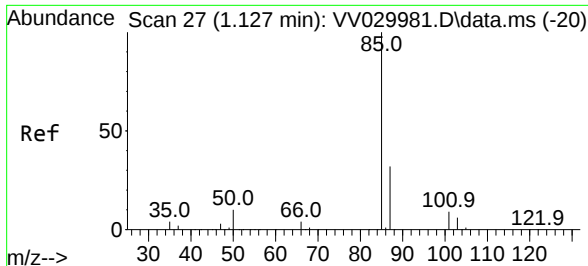
Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023

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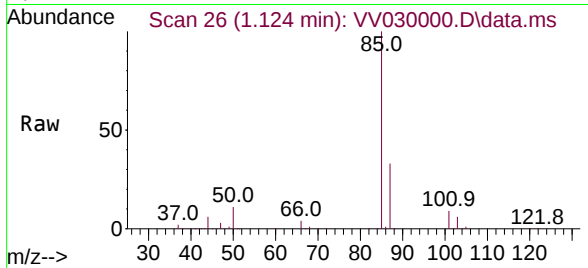
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	251895	55.781	ug/L	100
29) Cyclohexane	4.667	56	313484	62.671	ug/L	94
30) 1,1,1-Trichloroethane	4.597	97	288346	52.058	ug/L	97
31) Carbon tetrachloride	4.818	117	238029	50.669	ug/L	99
33) Benzene	5.089	78	836689	58.385	ug/L	100
34) Trichloroethene	5.902	95	823056	228.125	ug/L	97
35) Methylcyclohexane	6.121	83	329172	56.478	ug/L	95
37) 1,2-Dichloropropane	6.162	63	220054	59.100	ug/L	99
38) Bromodichloromethane	6.497	83	263037	54.382	ug/L	99
39) cis-1,3-Dichloropropene	7.015	75	315409	59.939	ug/L	98
40) 4-Methyl-2-pentanone	7.217	43	552825	134.184	ug/L	95
42) Toluene	7.378	91	861979	56.332	ug/L	99
44) trans-1,3-Dichloropropene	7.638	75	297622	60.460	ug/L	99
45) 1,1,2-Trichloroethane	7.828	97	200814	53.317	ug/L	98
46) Tetrachloroethene	7.966	164	154210	51.815	ug/L	98
48) 2-Hexanone	8.130	43	425332	125.879	ug/L	93
49) Dibromochloromethane	8.233	129	203198	51.832	ug/L	98
50) 1,2-Dibromoethane	8.339	107	204083	54.110	ug/L	99
51) Chlorobenzene	8.870	112	723836	68.837	ug/L	99
52) Ethylbenzene	9.002	91	898261	53.711	ug/L	100
53) m,p-Xylene	9.127	106	351973	53.002	ug/L	99
54) o-Xylene	9.532	106	340910	53.023	ug/L	99
55) Styrene	9.548	104	619582	53.433	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.227	83	350510	55.414	ug/L	99
59) Bromoform	9.719	173	150936	52.517	ug/L	100
60) Isopropylbenzene	9.921	105	889476	51.456	ug/L	100
61) 1,2,3-Trichloropropane	10.259	75	261117	55.331	ug/L	98
62) 1,3,5-Trimethylbenzene	10.526	105	757737	52.208	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	747786	51.693	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	542571	62.128	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	1406068	155.406	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	7163569	814.819	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.413	75	71782	56.923	ug/L	98
69) 1,3,5-Trichlorobenzene	12.632	180	329570	48.474	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	355468	59.234	ug/L	99
71) Naphthalene	13.487	128	902655	55.928	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	310608	53.111	ug/L	99

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



#2
Dichlorodifluoromethane
Concen: 55.576 ug/L
RT: 1.124 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

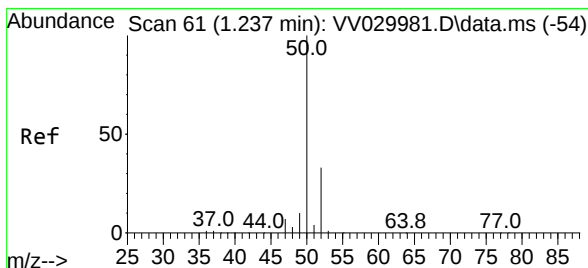
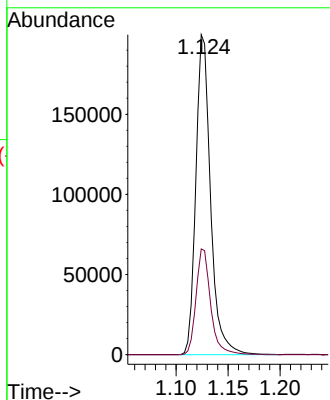
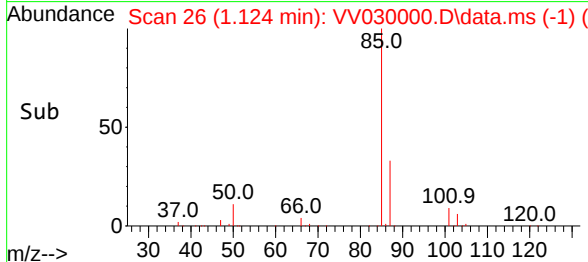
Instrument :
MSVOA_V
ClientSampleId :
A44L5MS



Tgt Ion: 85 Resp: 19570
Ion Ratio Lower Upper
85 100
87 32.7 26.2 39.4

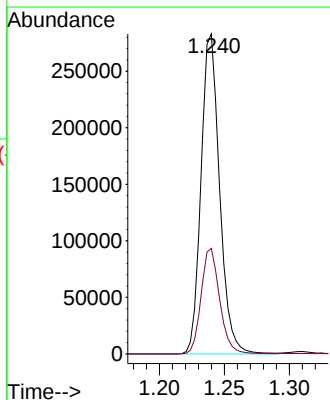
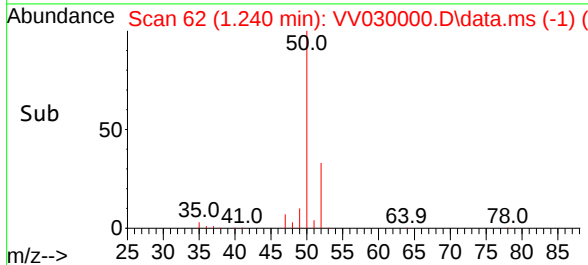
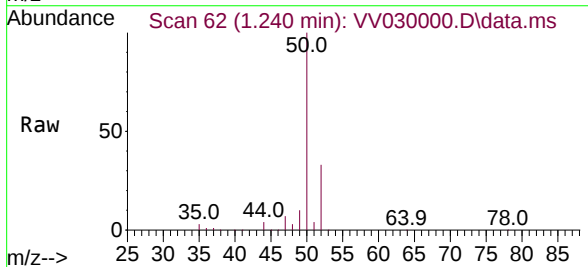
Manual Integrations
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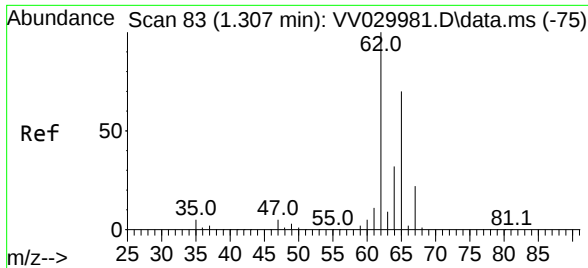
Reviewed By :Krupa Patel 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#3
Chloromethane
Concen: 78.183 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.003 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

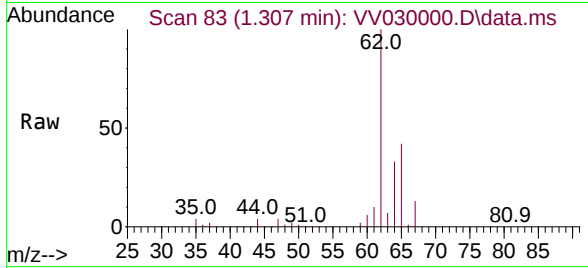
Tgt Ion: 50 Resp: 280288
Ion Ratio Lower Upper
50 100
52 33.0 23.4 43.4





#5
 Vinyl chloride
 Concen: 66.702 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV030000.D
 Acq: 30 Jan 2023 18:34

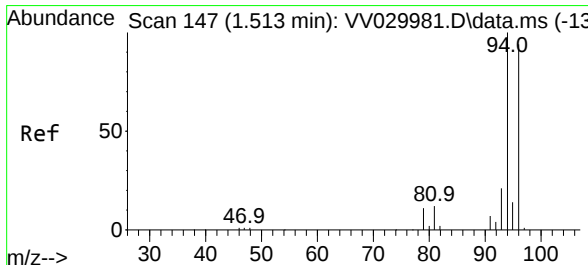
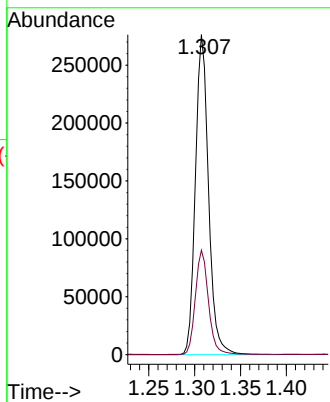
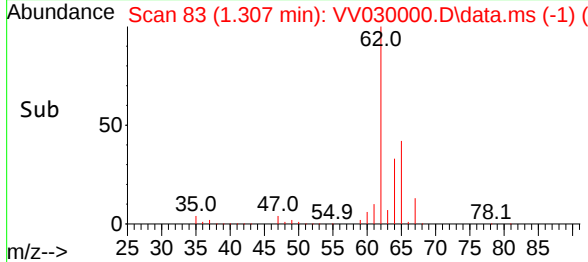
Instrument :
 MSVOA_V
 ClientSampleId :
 A44L5MS



Tgt Ion: 62 Resp: 275194
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.0 42.8

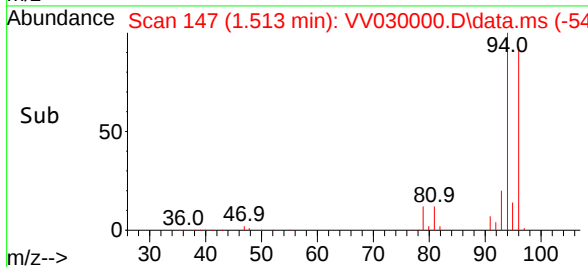
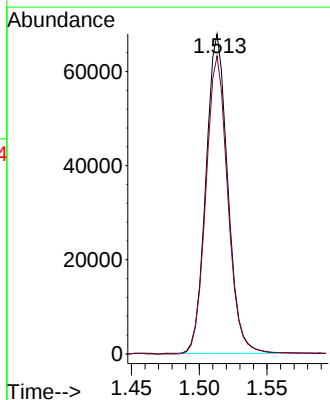
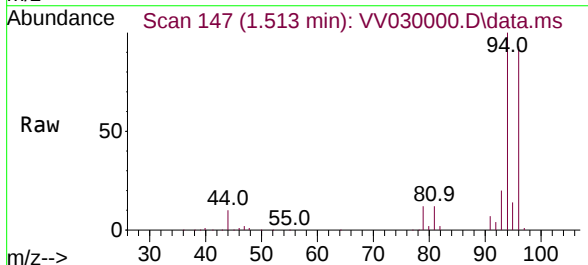
Manual Integrations
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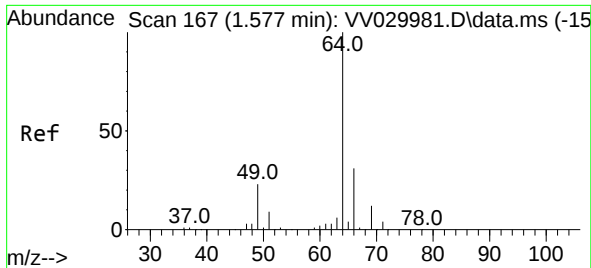
Reviewed By :Krupa Patel 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023



#6
 Bromomethane
 Concen: 43.303 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. 0.000 min
 Lab File: VV030000.D
 Acq: 30 Jan 2023 18:34

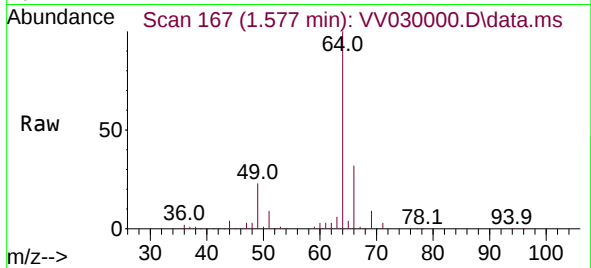
Tgt Ion: 94 Resp: 75831
 Ion Ratio Lower Upper
 94 100
 96 93.1 64.8 120.4





#8
Chloroethane
Concen: 63.218 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.000 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

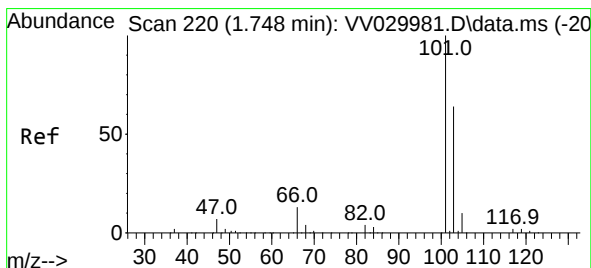
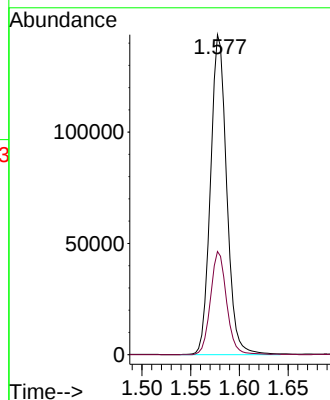
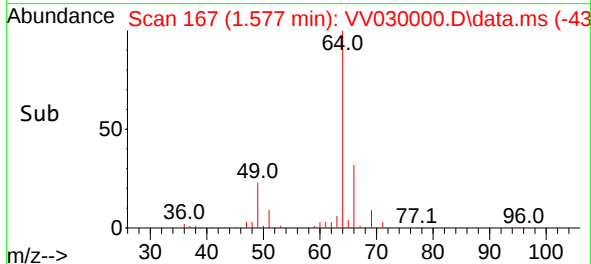
Instrument :
MSVOA_V
ClientSampleId :
A44L5MS



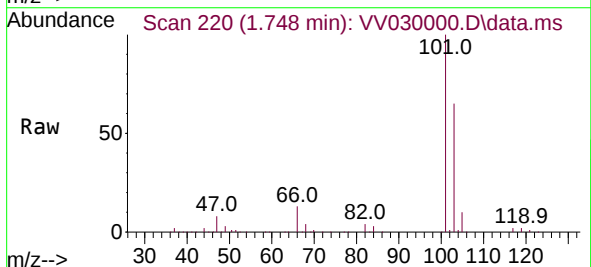
Tgt Ion: 64 Resp: 166702
Ion Ratio Lower Upper
64 100
66 32.2 23.1 42.9

Manual Integrations
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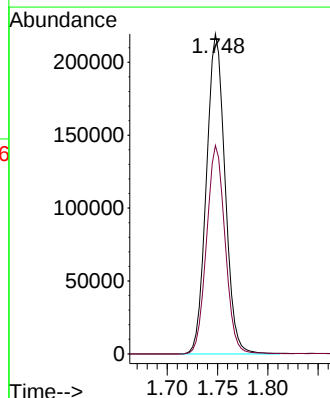
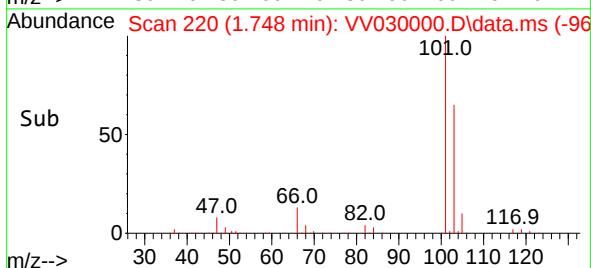
Reviewed By :Krupa Patel 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

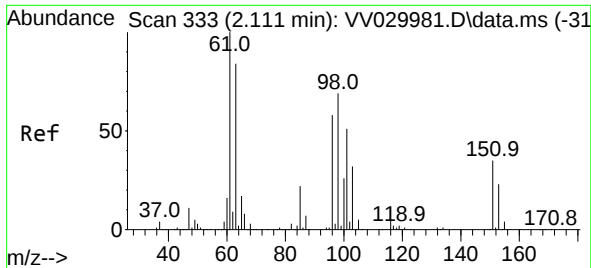


#9
Trichlorofluoromethane
Concen: 50.765 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34



Tgt Ion:101 Resp: 282497
Ion Ratio Lower Upper
101 100
103 64.9 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 50.533 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV030000.D

Acq: 30 Jan 2023 18:34

Instrument :

MSVOA_V

ClientSampleId :

A44L5MS

Tgt Ion:101 Resp: 172978

Ion Ratio Lower Upper

101 100

85 44.8 33.7 50.5

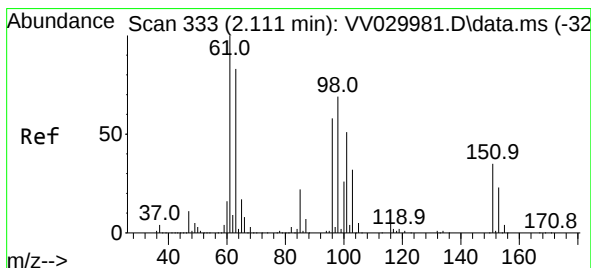
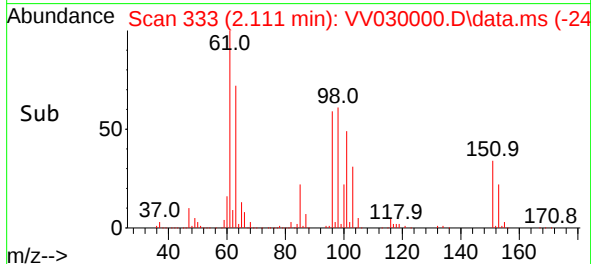
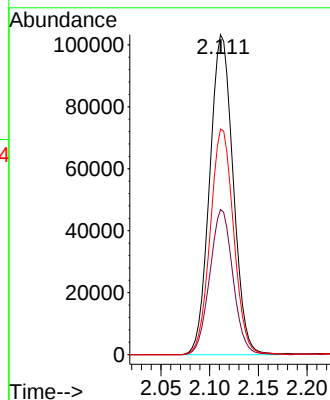
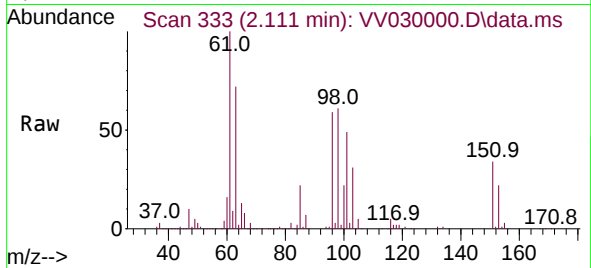
151 70.4 61.0 91.4

Manual Integrations

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Supervised By :Mahesh Dadoda 01/31/2023



#12

1,1-Dichloroethene

Concen: 54.463 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.003 min

Lab File: VV030000.D

Acq: 30 Jan 2023 18:34

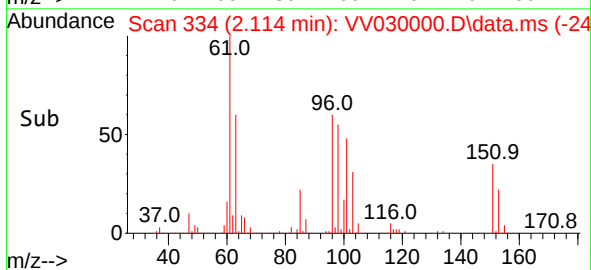
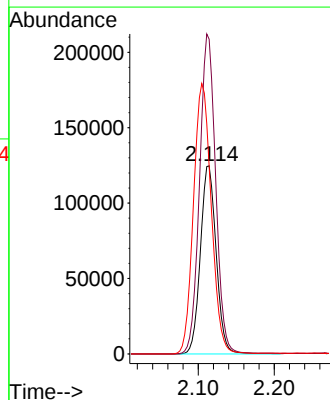
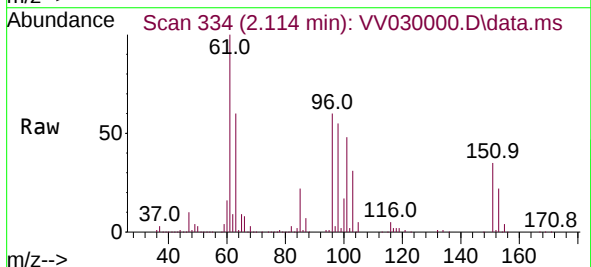
Tgt Ion: 96 Resp: 179865

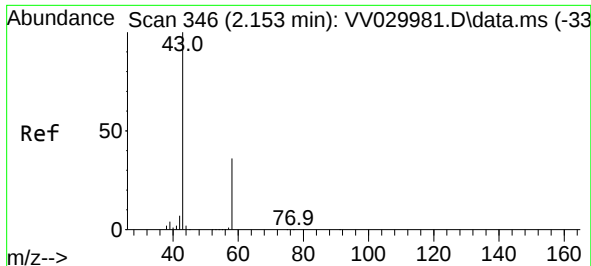
Ion Ratio Lower Upper

96 100

61 167.3 110.2 204.6

63 99.8 88.6 164.6





#13

Acetone

Concen: 77.440 ug/L

RT: 2.153 min Scan# 346

Delta R.T. 0.000 min

Lab File: VV030000.D

Acq: 30 Jan 2023 18:34

Instrument :

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ClientSampleId :

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Tgt Ion: 43 Resp: 186783

Ion Ratio Lower Upper

43 100

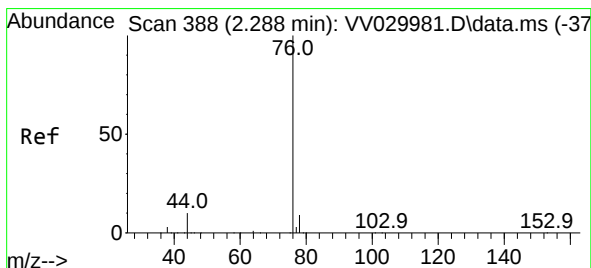
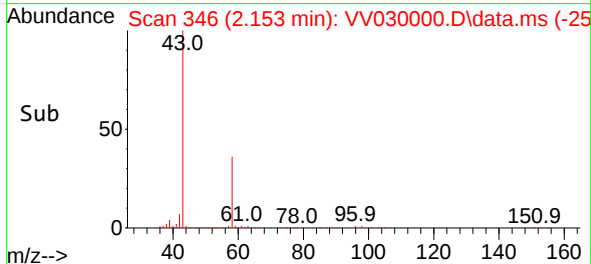
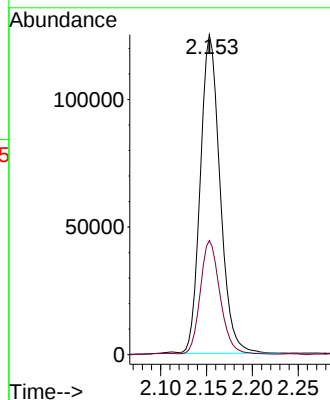
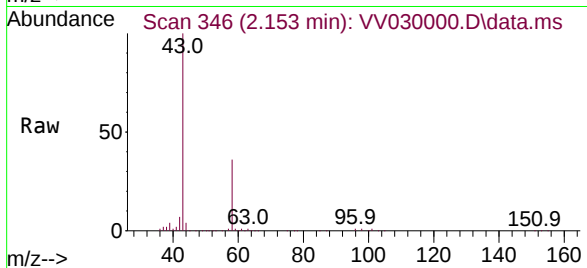
58 36.3 0.0 76.0

Manual Integrations

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Supervised By :Mahesh Dadoda 01/31/2023



#14

Carbon disulfide

Concen: 65.227 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.000 min

Lab File: VV030000.D

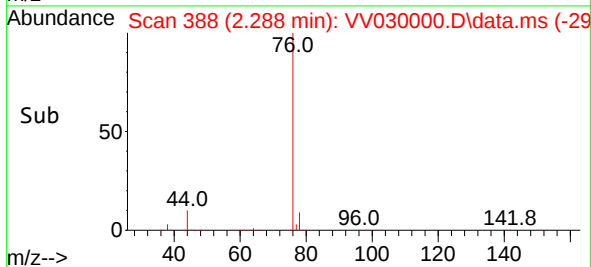
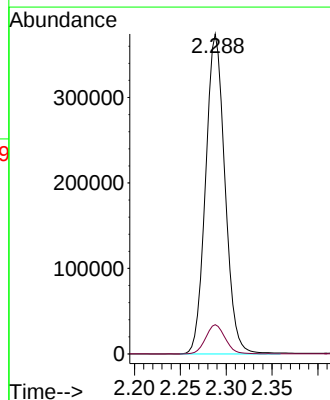
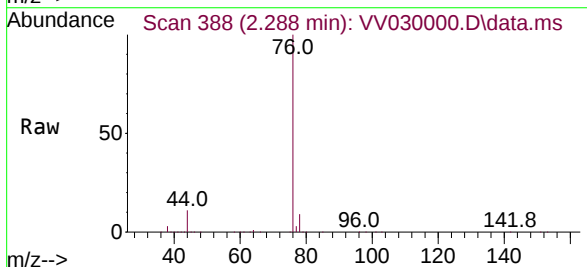
Acq: 30 Jan 2023 18:34

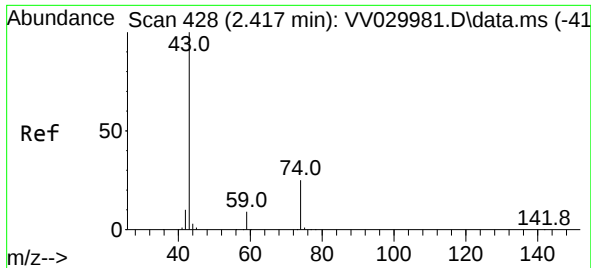
Tgt Ion: 76 Resp: 549817

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





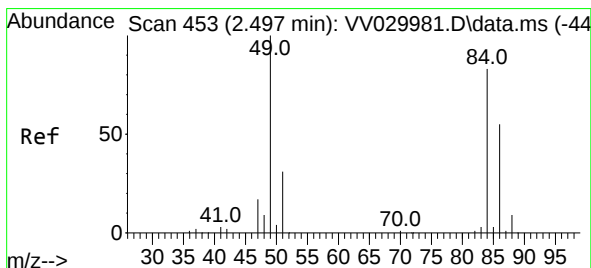
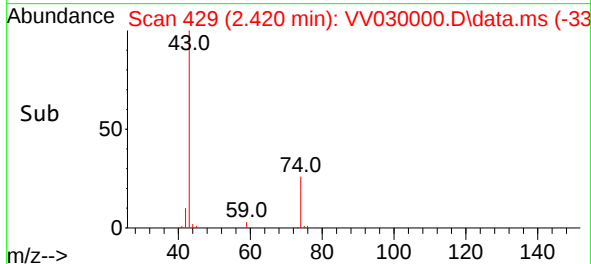
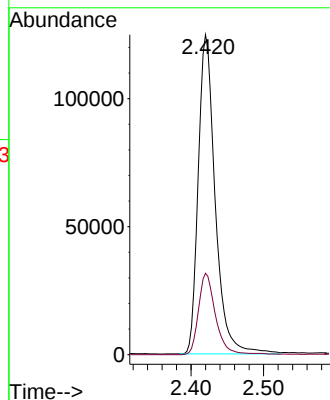
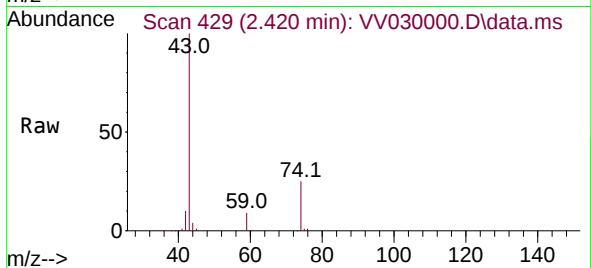
#15
Methyl Acetate
Concen: 65.062 ug/L
RT: 2.420 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

Instrument :
MSVOA_V
ClientSampleId :
A44L5MS

Tgt Ion: 43 Resp: 202992
Ion Ratio Lower Upper
43 100
74 25.2 23.3 34.9

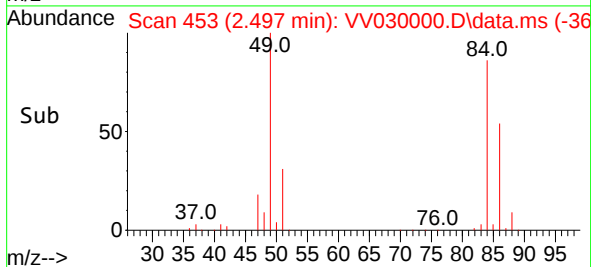
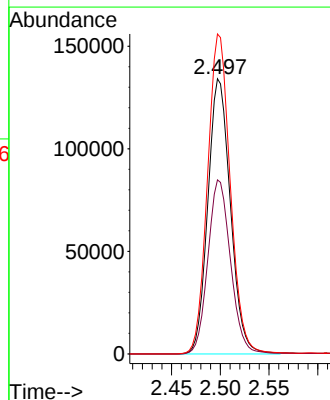
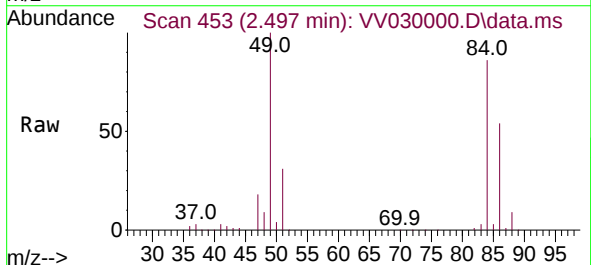
Manual Integrations
APPROVED

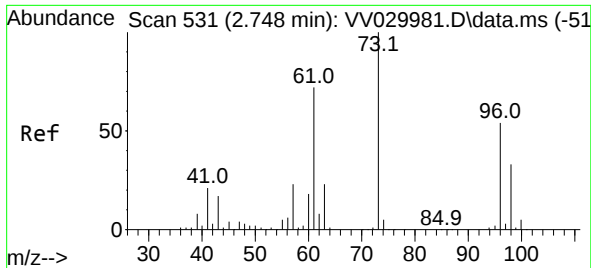
Reviewed By :Krupa Patel 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#16
Methylene chloride
Concen: 54.861 ug/L
RT: 2.497 min Scan# 453
Delta R.T. 0.000 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

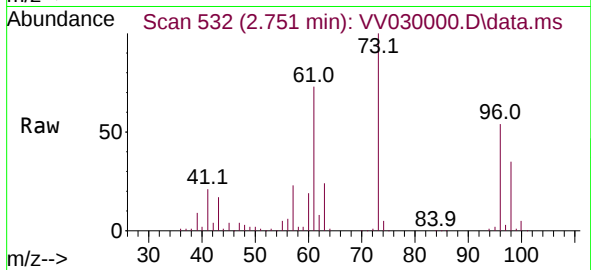
Tgt Ion: 84 Resp: 216156
Ion Ratio Lower Upper
84 100
86 63.2 45.3 84.1
49 116.3 74.1 137.5





#17
trans-1,2-Dichloroethene
Concen: 55.424 ug/L
RT: 2.751 min Scan# 531
Delta R.T. 0.003 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

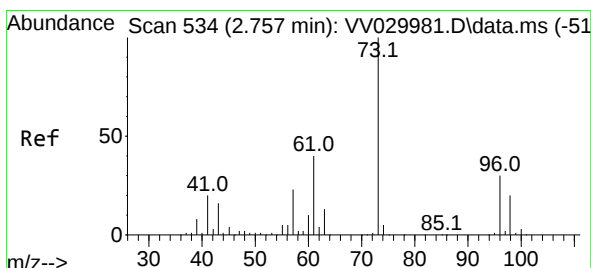
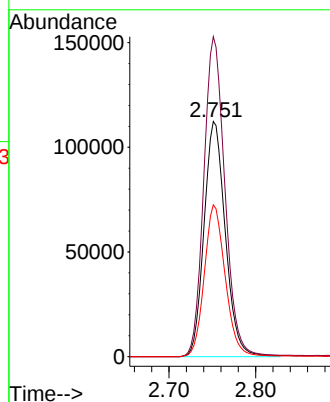
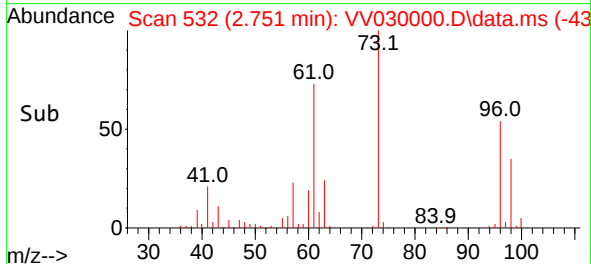
Instrument :
MSVOA_V
ClientSampleId :
A44L5MS



Tgt Ion: 96 Resp: 191949
Ion Ratio Lower Upper
96 100
61 136.1 86.9 161.5
98 64.5 44.7 83.1

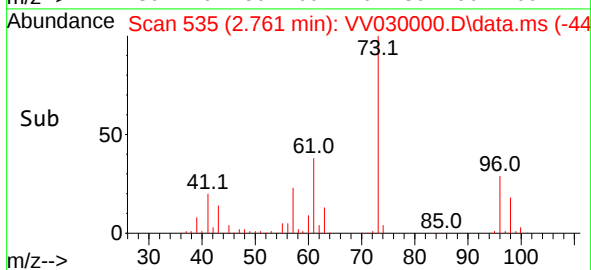
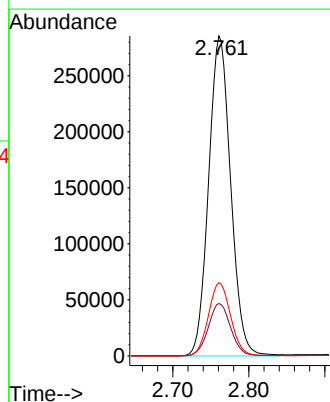
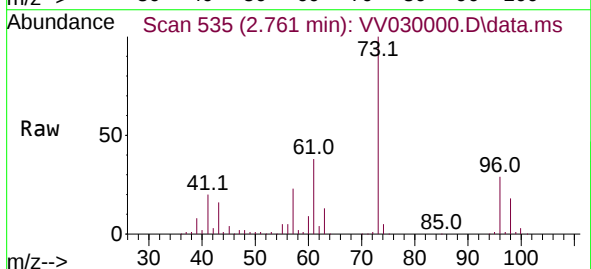
Manual Integrations
APPROVED

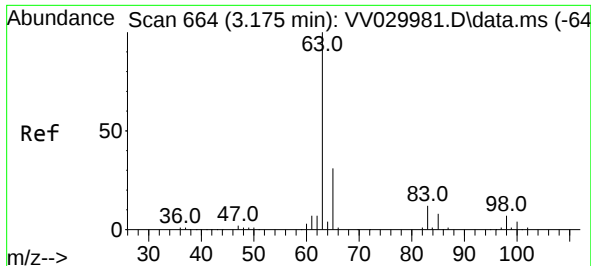
Reviewed By :Krupa Patel 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#18
Methyl tert-butyl Ether
Concen: 53.075 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

Tgt Ion: 73 Resp: 574716
Ion Ratio Lower Upper
73 100
43 16.5 12.8 19.2
57 23.0 17.1 25.7





#19

1,1-Dichloroethane

Concen: 56.480 ug/L

RT: 3.179 min Scan# 664

Delta R.T. 0.003 min

Lab File: VV030000.D

Acq: 30 Jan 2023 18:34

Instrument :

MSVOA_V

ClientSampleId :

A44L5MS

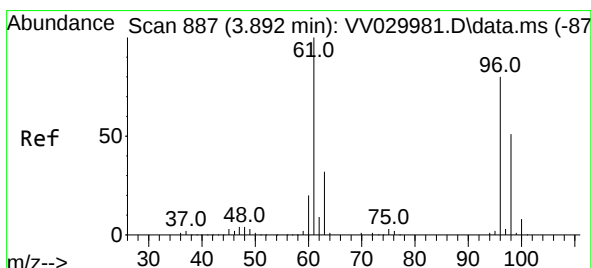
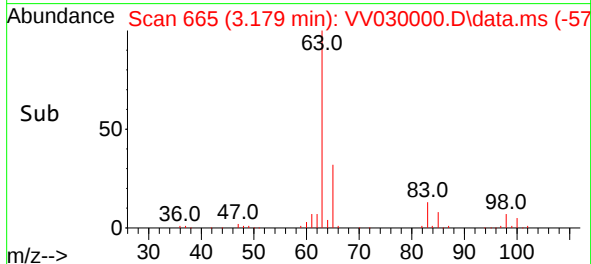
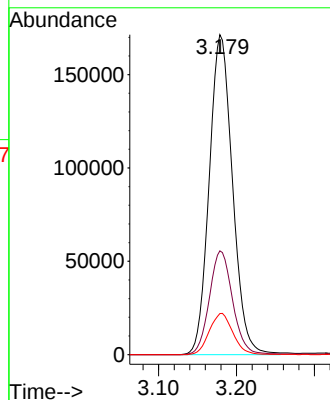
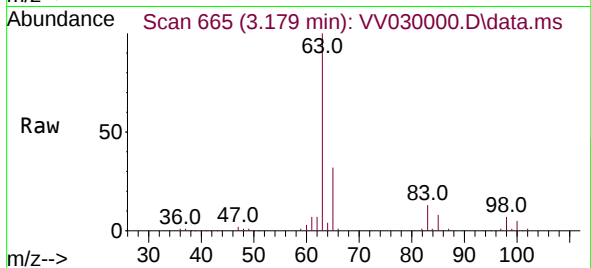
Tgt Ion: 63 Resp: 355585
 Ion Ratio Lower Upper
 63 100
 65 32.4 22.3 41.3
 83 12.8 9.6 17.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#20

cis-1,2-Dichloroethene

Concen: 71.235 ug/L

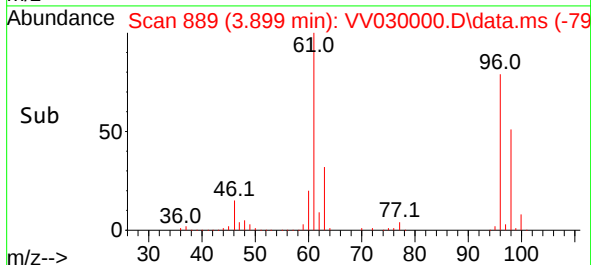
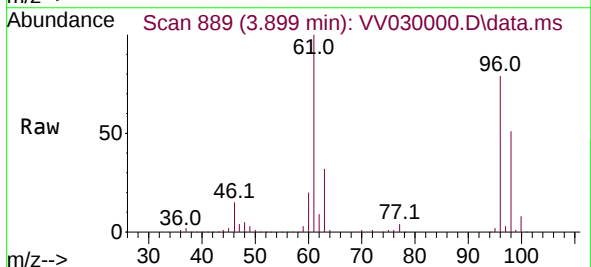
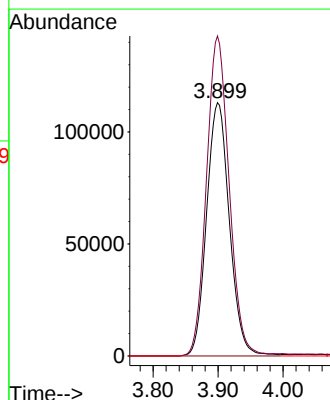
RT: 3.899 min Scan# 889

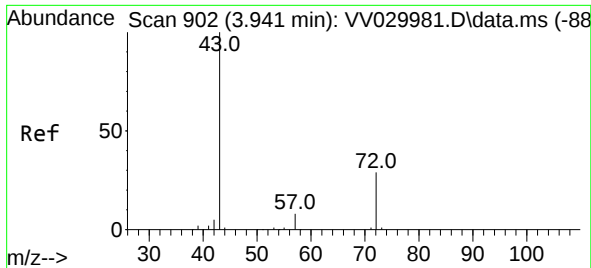
Delta R.T. 0.006 min

Lab File: VV030000.D

Acq: 30 Jan 2023 18:34

Tgt Ion: 96 Resp: 276163
 Ion Ratio Lower Upper
 96 100
 61 126.4 82.5 153.3
 68 0.0 0.0 0.0





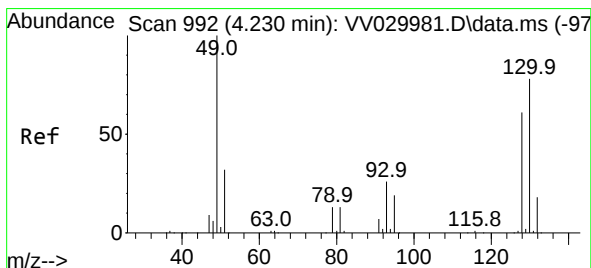
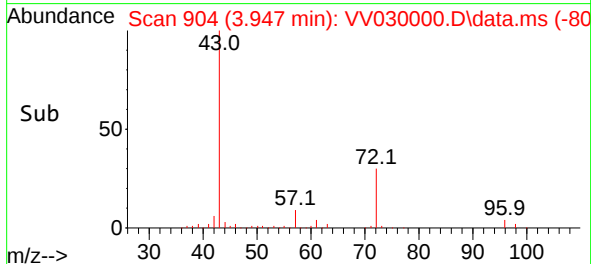
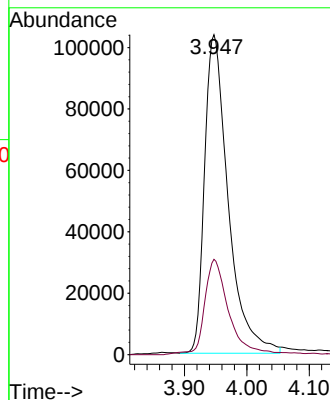
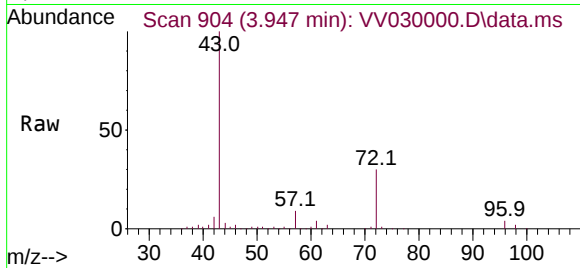
#22
2-Butanone
Concen: 109.718 ug/L
RT: 3.947 min Scan# 904
Delta R.T. 0.006 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

Instrument :
MSVOA_V
ClientSampleId :
A44L5MS

Tgt Ion: 43 Resp: 273735
Ion Ratio Lower Upper
43 100
72 30.0 15.4 46.4

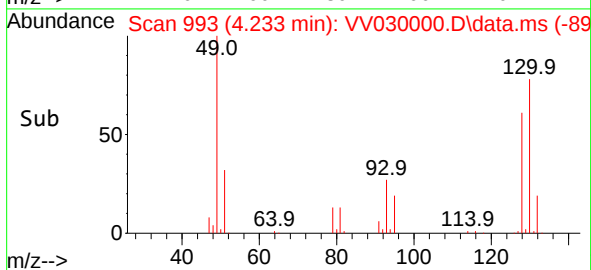
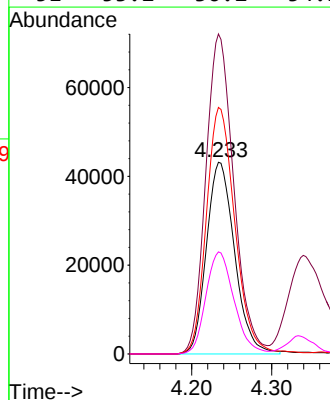
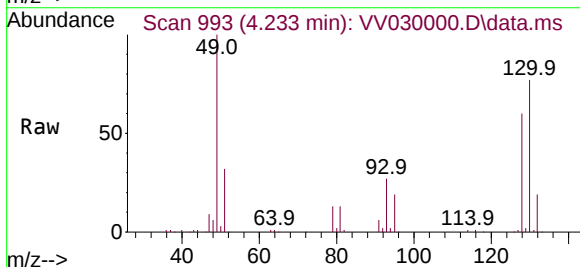
Manual Integrations
APPROVED

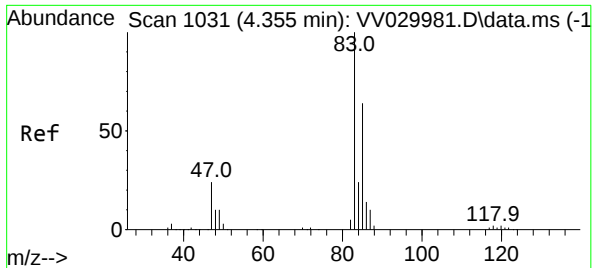
Reviewed By :Krupa Patel 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#23
Bromochloromethane
Concen: 51.984 ug/L
RT: 4.233 min Scan# 993
Delta R.T. 0.003 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

Tgt Ion:128 Resp: 105486
Ion Ratio Lower Upper
128 100
49 167.0 97.3 180.7
130 128.6 89.7 166.5
51 53.2 36.2 54.2





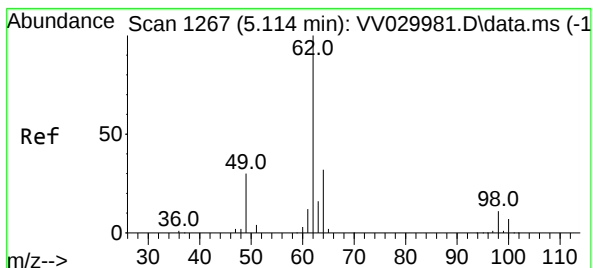
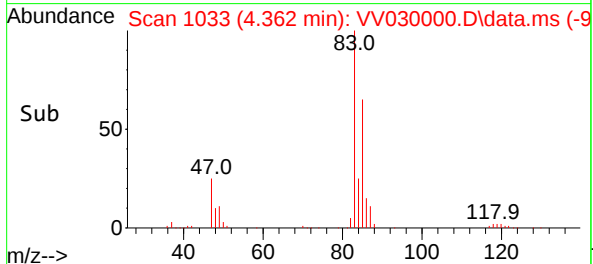
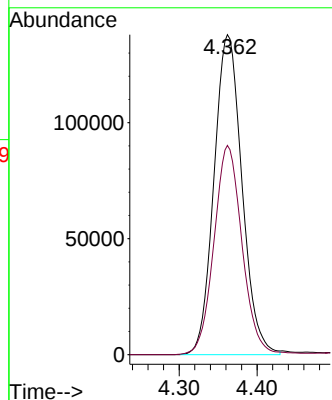
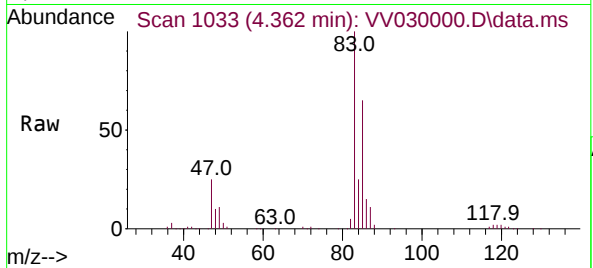
#25
Chloroform
Concen: 52.594 ug/L
RT: 4.362 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

Instrument :
MSVOA_V
ClientSampleId :
A44L5MS

Tgt Ion: 83 Resp: 343983
Ion Ratio Lower Upper
83 100
85 65.4 44.8 83.2

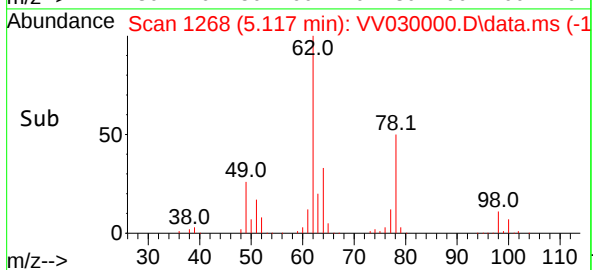
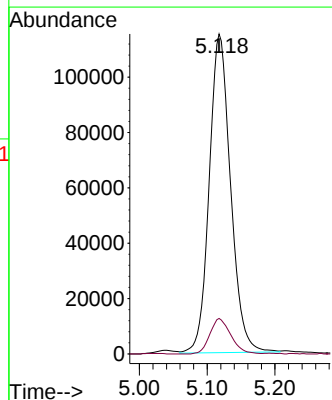
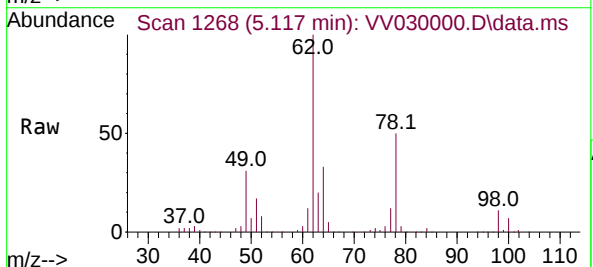
Manual Integrations
APPROVED

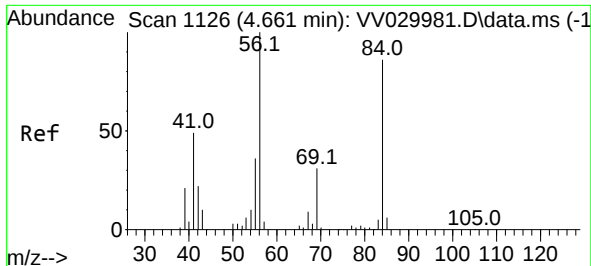
Reviewed By :Krupa Patel 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#27
1,2-Dichloroethane
Concen: 55.781 ug/L
RT: 5.117 min Scan# 1268
Delta R.T. 0.003 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

Tgt Ion: 62 Resp: 251895
Ion Ratio Lower Upper
62 100
98 11.1 9.0 13.4





#29

Cyclohexane

Concen: 62.671 ug/L

RT: 4.667 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VV030000.D

Acq: 30 Jan 2023 18:34

Instrument :

MSVOA_V

ClientSampleId :

A44L5MS

Tgt Ion: 56 Resp: 313484

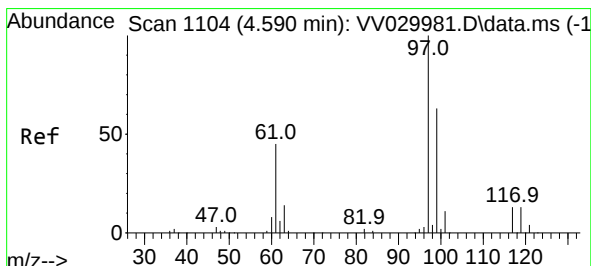
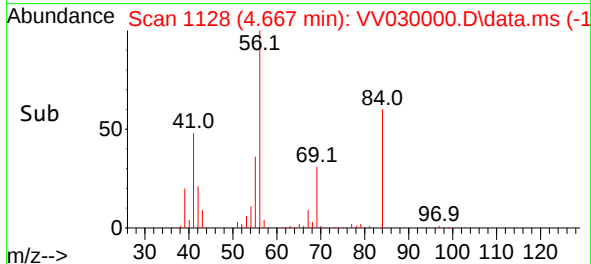
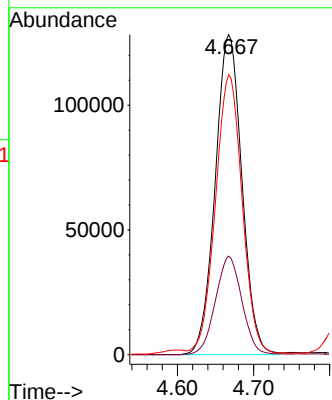
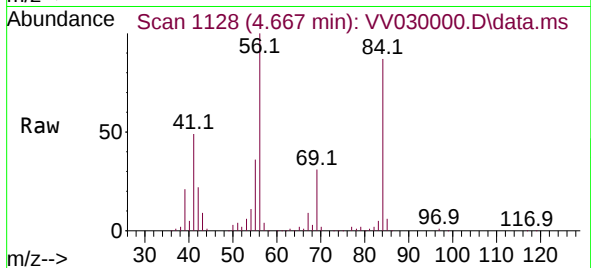
Ion	Ratio	Lower	Upper
56	100		
69	30.4	26.2	39.4
84	86.6	74.7	112.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#30

1,1,1-Trichloroethane

Concen: 52.058 ug/L

RT: 4.597 min Scan# 1106

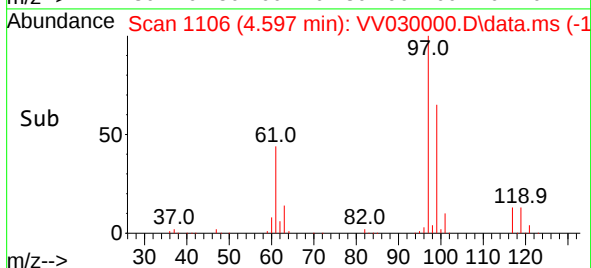
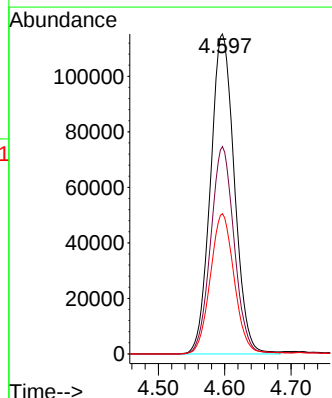
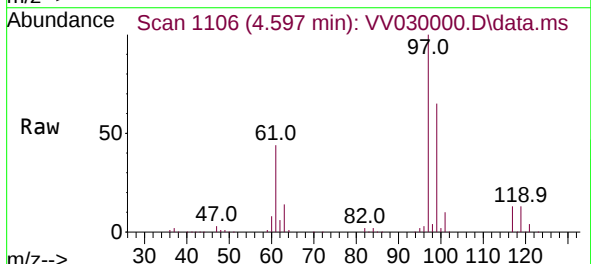
Delta R.T. 0.006 min

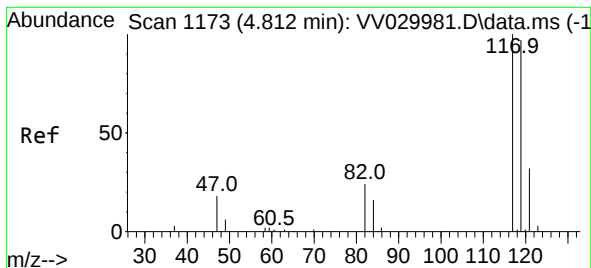
Lab File: VV030000.D

Acq: 30 Jan 2023 18:34

Tgt Ion: 97 Resp: 288346

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.9	77.9
61	43.9	32.2	48.2





#31

Carbon tetrachloride

Concen: 50.669 ug/L

RT: 4.818 min Scan# 1173

Delta R.T. 0.006 min

Lab File: VV030000.D

Acq: 30 Jan 2023 18:34

Instrument :

MSVOA_V

ClientSampleId :

A44L5MS

Tgt Ion:117 Resp: 238029

Ion Ratio Lower Upper

117 100

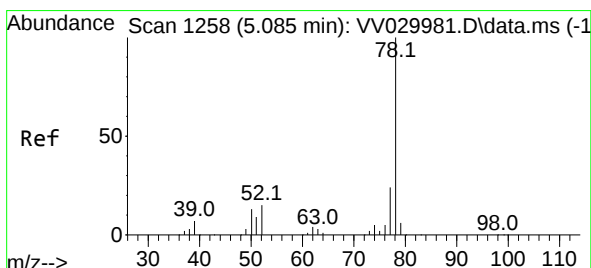
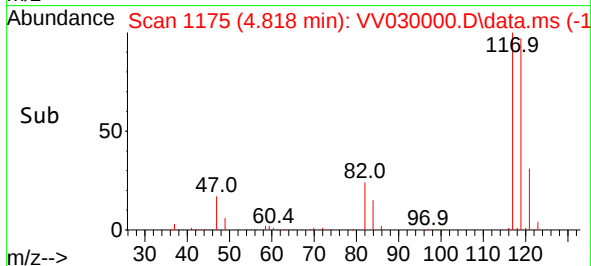
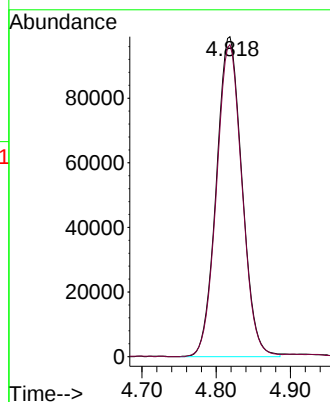
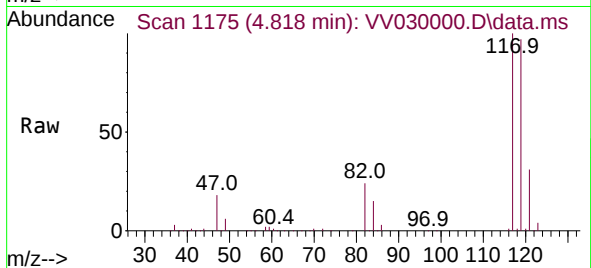
119 96.9 77.9 116.9

Manual Integrations

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Reviewed By :Krupa Patel 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#33

Benzene

Concen: 58.385 ug/L

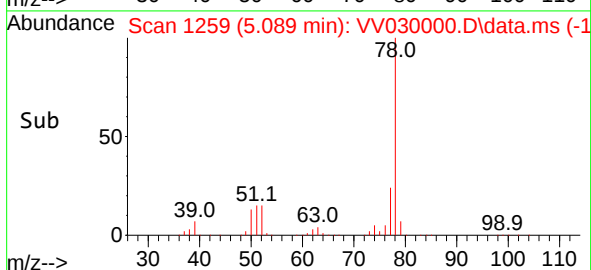
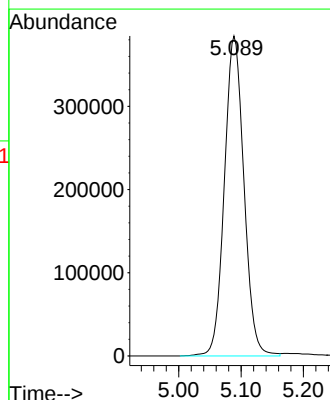
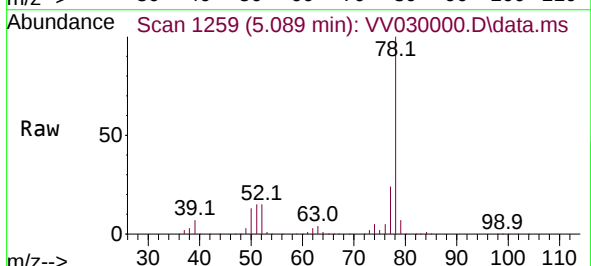
RT: 5.089 min Scan# 1259

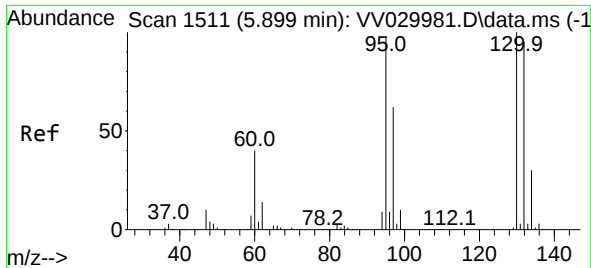
Delta R.T. 0.003 min

Lab File: VV030000.D

Acq: 30 Jan 2023 18:34

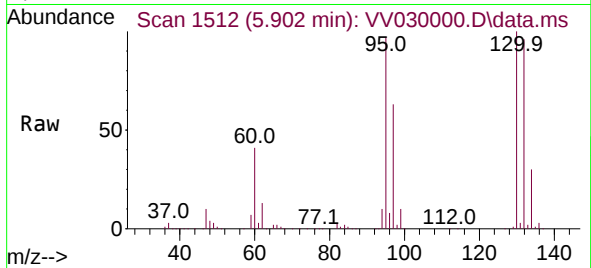
Tgt Ion: 78 Resp: 836689





#34
Trichloroethene
Concen: 228.125 ug/L
RT: 5.902 min Scan# 1511
Delta R.T. 0.003 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

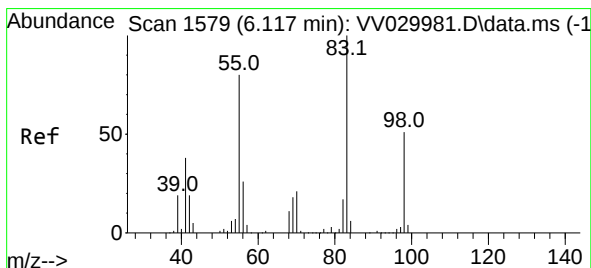
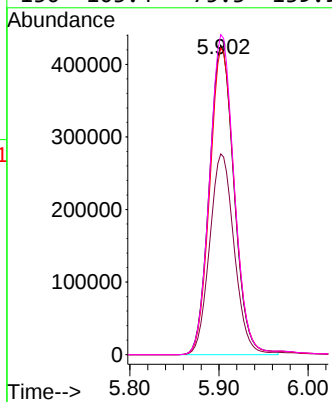
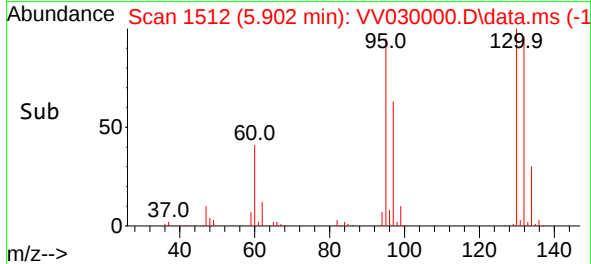
Instrument :
MSVOA_V
ClientSampleId :
A44L5MS



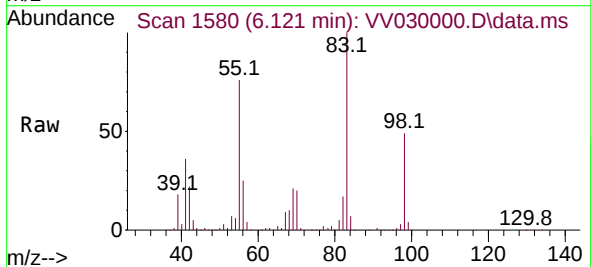
Tgt Ion: 95 Resp: 823056
Ion Ratio Lower Upper
95 100
97 64.9 46.5 86.5
132 99.1 71.8 133.4
130 103.4 75.3 139.9

Manual Integrations
APPROVED

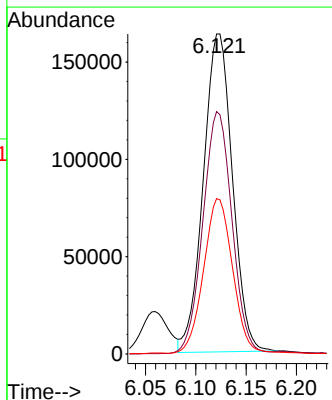
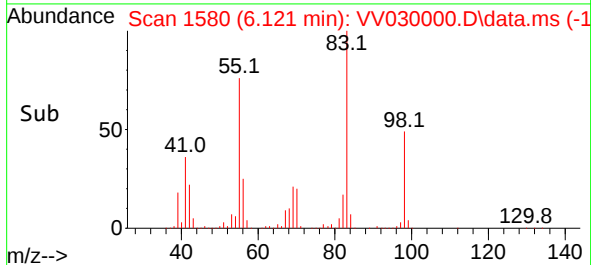
Reviewed By :Krupa Patel 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

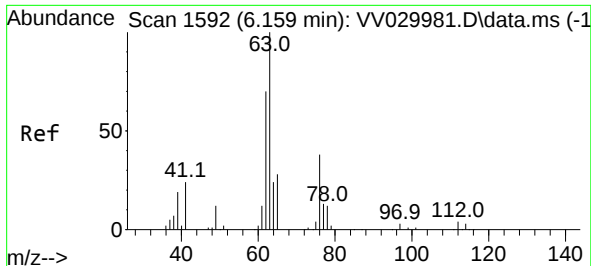


#35
Methylcyclohexane
Concen: 56.478 ug/L
RT: 6.121 min Scan# 1580
Delta R.T. 0.003 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34



Tgt Ion: 83 Resp: 329172
Ion Ratio Lower Upper
83 100
55 76.1 56.2 84.2
98 48.9 38.5 57.7





#37

1,2-Dichloropropane

Concen: 59.100 ug/L

RT: 6.162 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV030000.D

Acq: 30 Jan 2023 18:34

Instrument :

MSVOA_V

ClientSampleId :

A44L5MS

Tgt Ion: 63 Resp: 220054

Ion Ratio Lower Upper

63 100

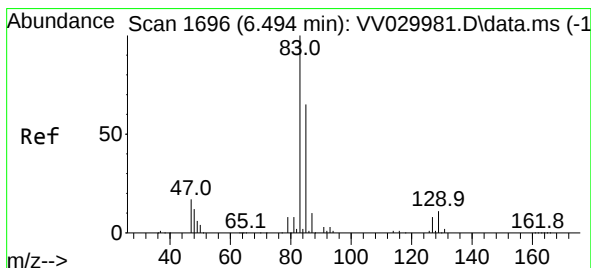
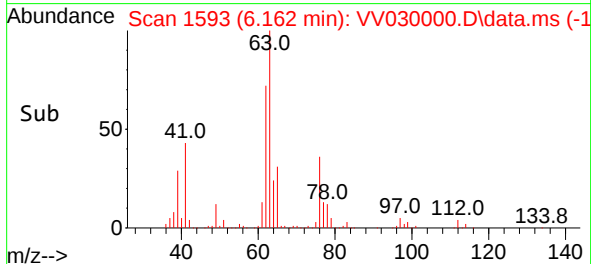
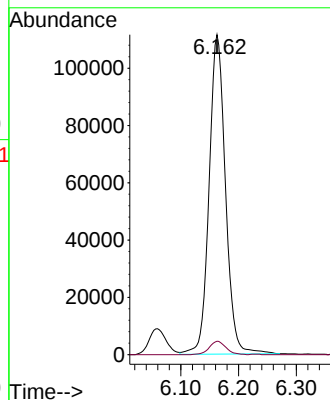
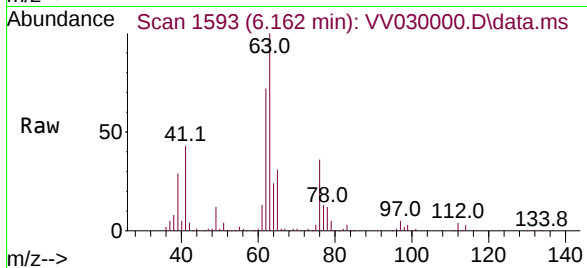
112 4.3 3.8 5.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#38

Bromodichloromethane

Concen: 54.382 ug/L

RT: 6.497 min Scan# 1697

Delta R.T. 0.003 min

Lab File: VV030000.D

Acq: 30 Jan 2023 18:34

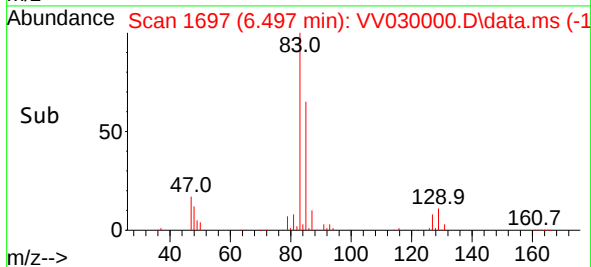
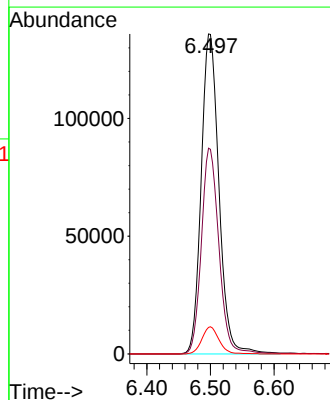
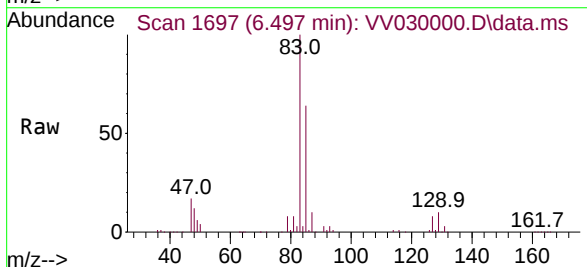
Tgt Ion: 83 Resp: 263037

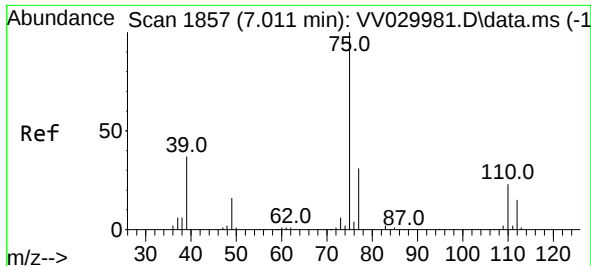
Ion Ratio Lower Upper

83 100

85 64.3 44.2 82.0

127 8.3 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 59.939 ug/L

RT: 7.015 min Scan# 1857

Delta R.T. 0.003 min

Lab File: VV030000.D

Acq: 30 Jan 2023 18:34

Instrument :

MSVOA_V

ClientSampleId :

A44L5MS

Tgt Ion: 75 Resp: 315409

Ion Ratio Lower Upper

75 100

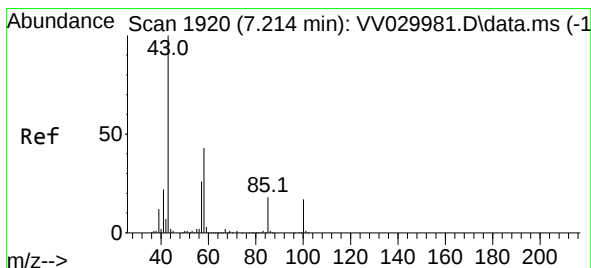
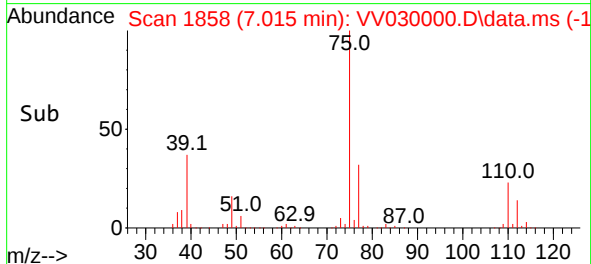
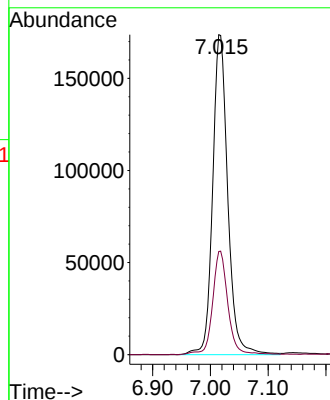
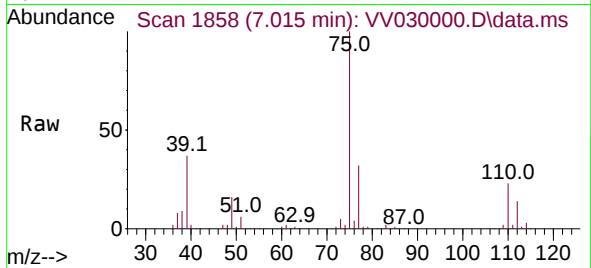
77 32.2 21.8 40.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#40

4-Methyl-2-pentanone

Concen: 134.184 ug/L

RT: 7.217 min Scan# 1921

Delta R.T. 0.003 min

Lab File: VV030000.D

Acq: 30 Jan 2023 18:34

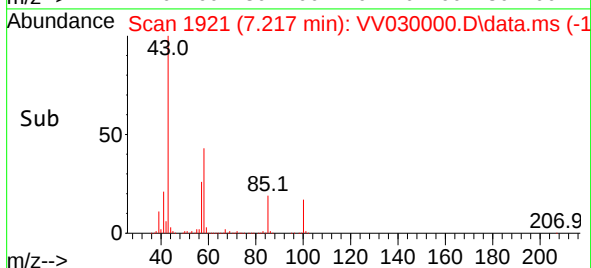
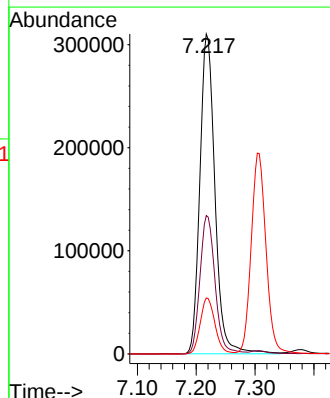
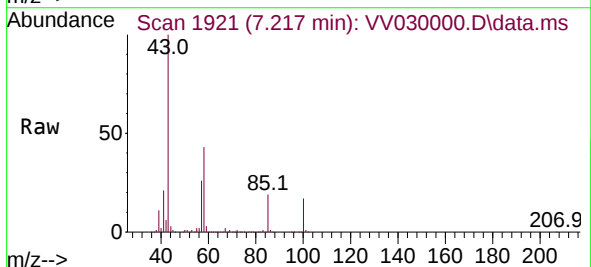
Tgt Ion: 43 Resp: 552825

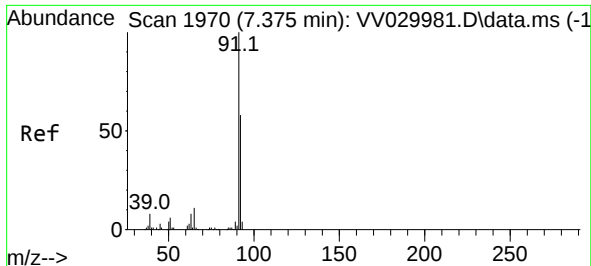
Ion Ratio Lower Upper

43 100

58 43.3 37.0 55.6

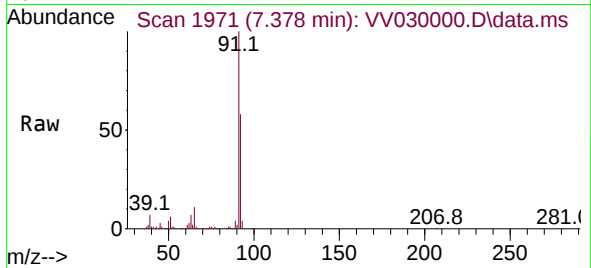
100 17.1 16.2 24.2





#42
Toluene
Concen: 56.332 ug/L
RT: 7.378 min Scan# 1970
Delta R.T. 0.003 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

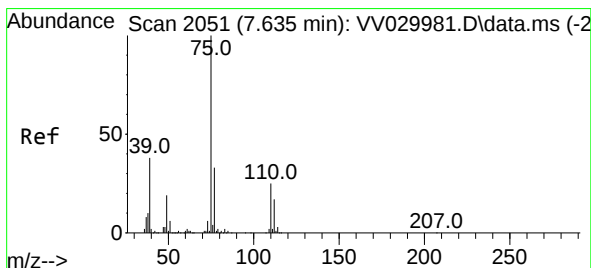
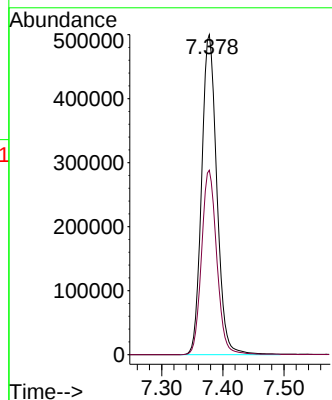
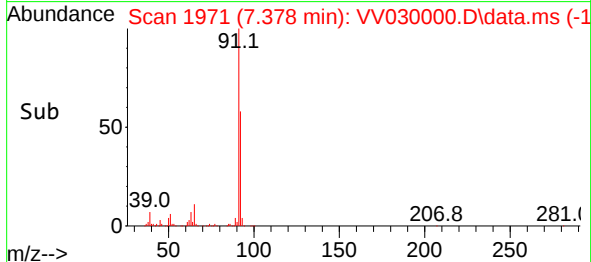
Instrument :
MSVOA_V
ClientSampleId :
A44L5MS



Tgt Ion: 91 Resp: 861979
Ion Ratio Lower Upper
91 100
92 57.6 40.9 75.9

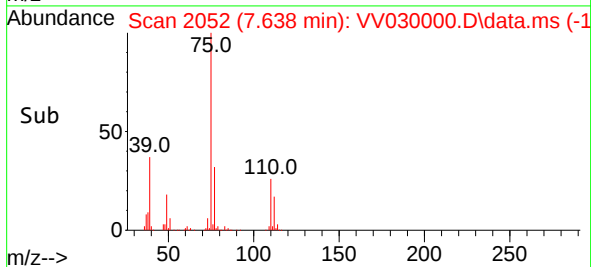
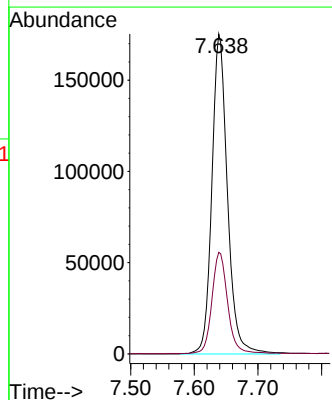
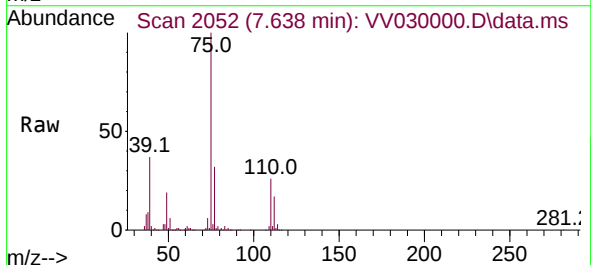
Manual Integrations
APPROVED

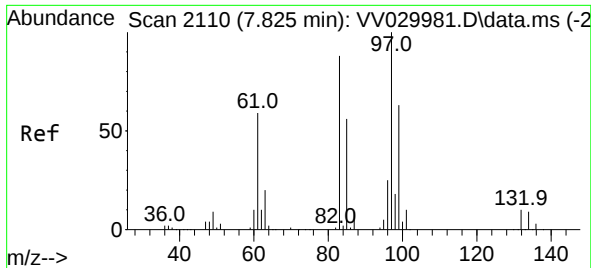
Reviewed By :Krupa Patel 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#44
trans-1,3-Dichloropropene
Concen: 60.460 ug/L
RT: 7.638 min Scan# 2052
Delta R.T. 0.003 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

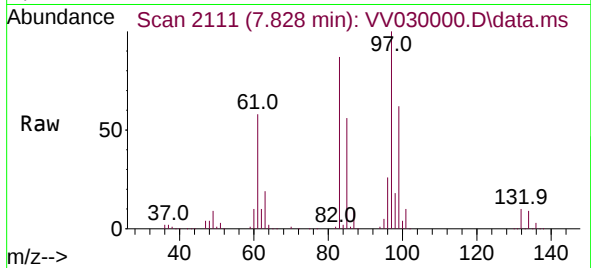
Tgt Ion: 75 Resp: 297622
Ion Ratio Lower Upper
75 100
77 31.7 22.4 41.6





#45
1,1,2-Trichloroethane
Concen: 53.317 ug/L
RT: 7.828 min Scan# 2110
Delta R.T. 0.003 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

Instrument :
MSVOA_V
ClientSampleId :
A44L5MS

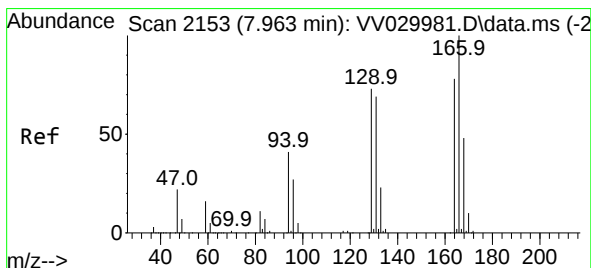
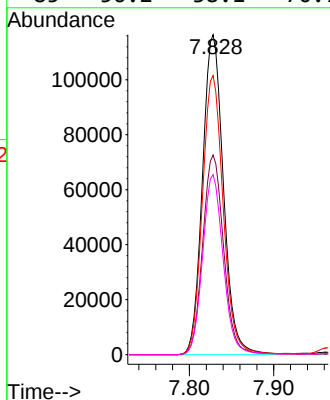
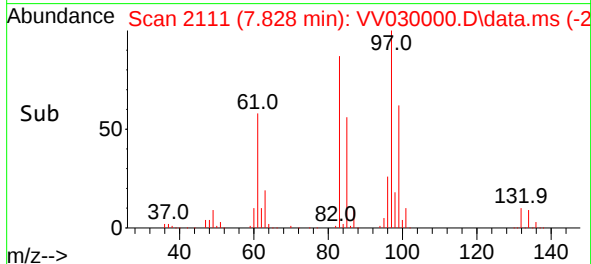


Tgt Ion: 97 Resp: 200814

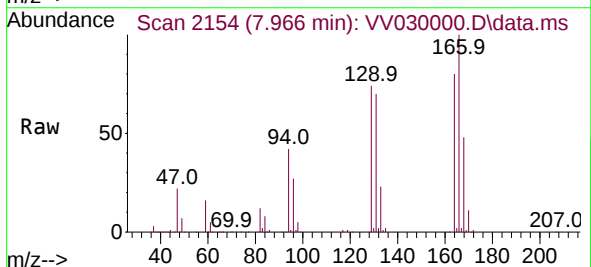
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.9	81.5
83	87.2	59.5	110.5
85	56.2	38.1	70.7

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

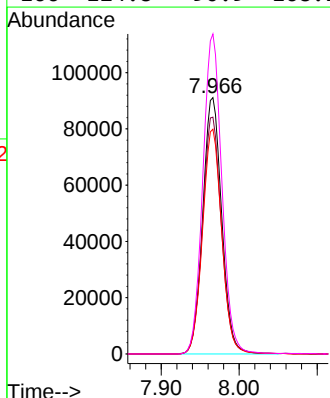
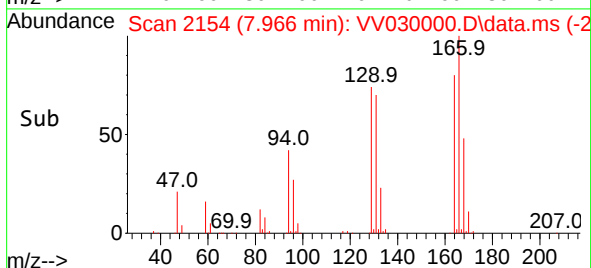


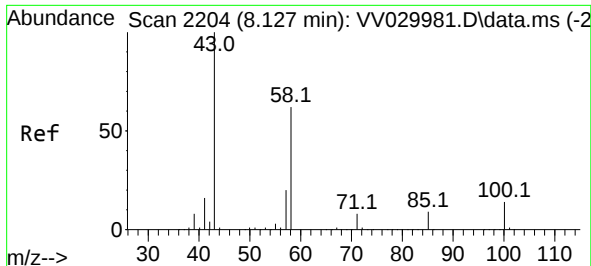
#46
Tetrachloroethene
Concen: 51.815 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.003 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34



Tgt Ion:164 Resp: 154210

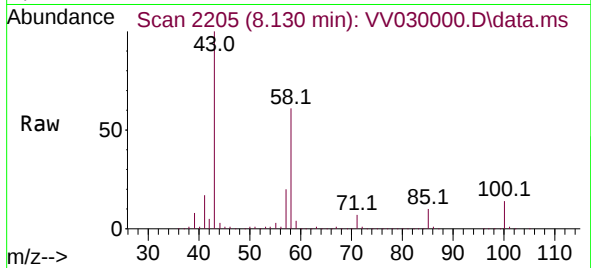
Ion	Ratio	Lower	Upper
164	100		
129	92.4	64.6	120.0
131	87.7	61.8	114.8
166	124.8	90.9	168.9





#48
2-Hexanone
Concen: 125.879 ug/L
RT: 8.130 min Scan# 2205
Delta R.T. 0.003 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

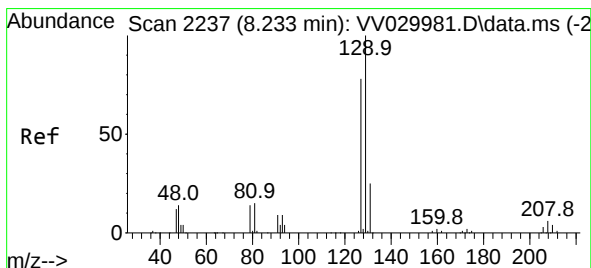
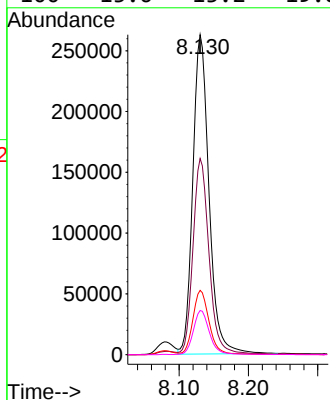
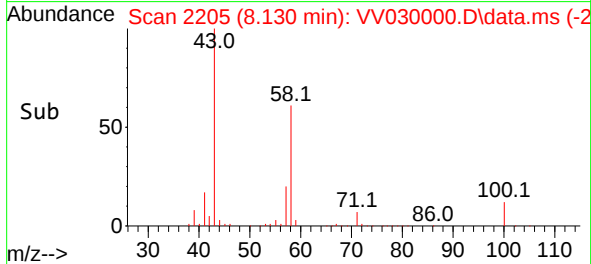
Instrument :
MSVOA_V
ClientSampleId :
A44L5MS



Tgt Ion: 43 Resp: 425332
Ion Ratio Lower Upper
43 100
58 60.0 53.2 79.8
57 19.7 17.6 26.4
100 13.6 13.2 19.8

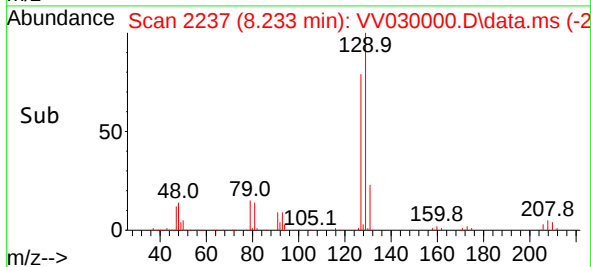
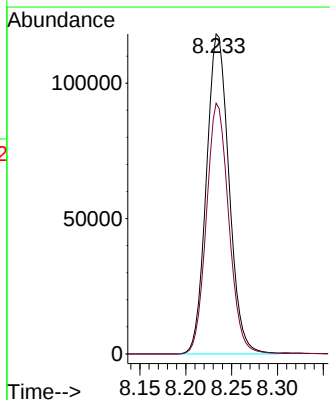
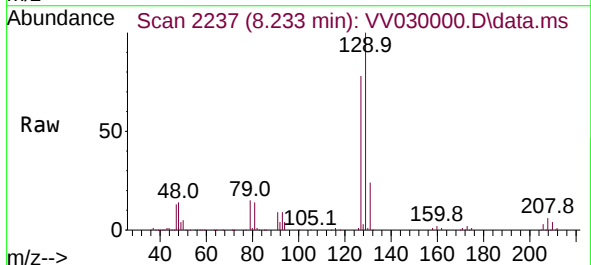
Manual Integrations
APPROVED

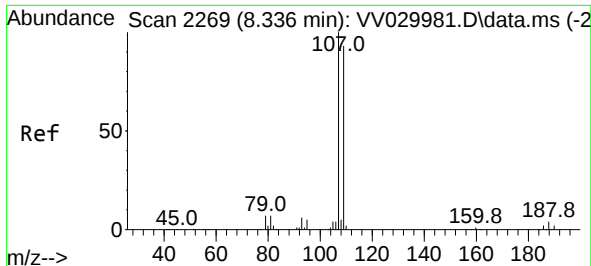
Reviewed By :Krupa Patel 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#49
Dibromochloromethane
Concen: 51.832 ug/L
RT: 8.233 min Scan# 2237
Delta R.T. 0.000 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

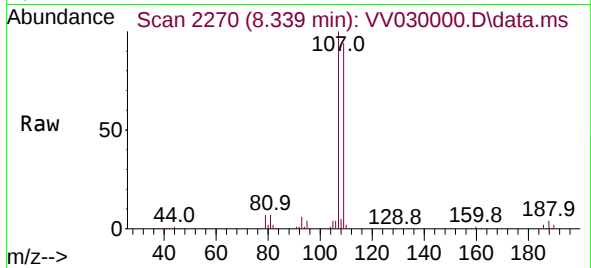
Tgt Ion:129 Resp: 203198
Ion Ratio Lower Upper
129 100
127 78.3 53.5 99.5





#50
1,2-Dibromoethane
Concen: 54.110 ug/L
RT: 8.339 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

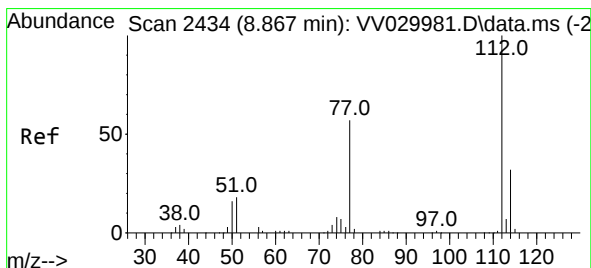
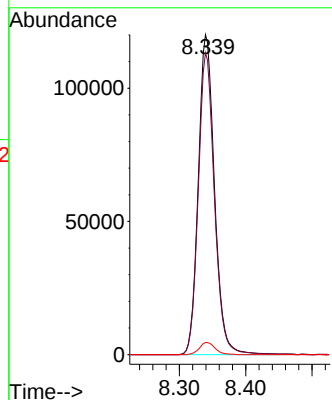
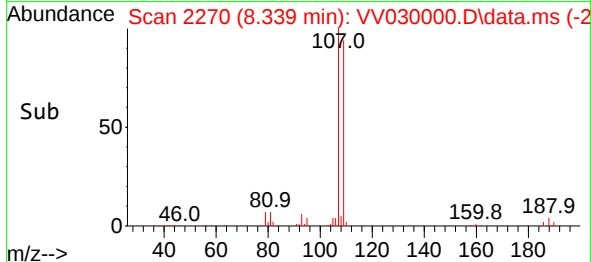
Instrument :
MSVOA_V
ClientSampleId :
A44L5MS



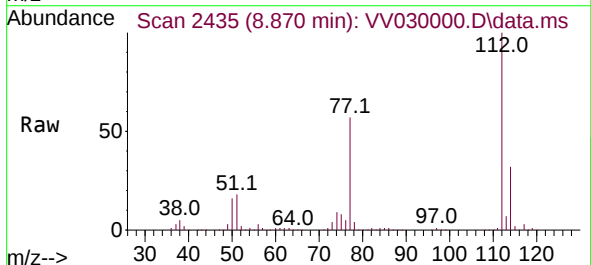
Tgt Ion:107 Resp: 204083
Ion Ratio Lower Upper
107 100
109 94.3 65.5 121.6
188 3.8 3.4 5.0

Manual Integrations
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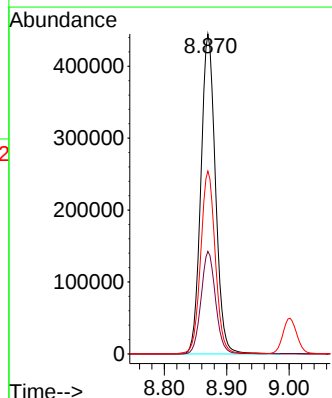
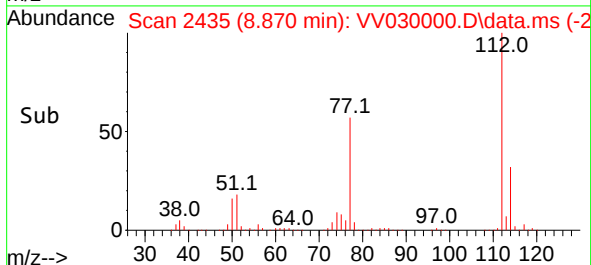
Reviewed By :Krupa Patel 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

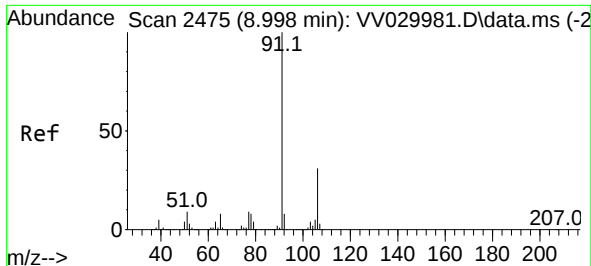


#51
Chlorobenzene
Concen: 68.837 ug/L
RT: 8.870 min Scan# 2435
Delta R.T. 0.003 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34



Tgt Ion:112 Resp: 723836
Ion Ratio Lower Upper
112 100
114 32.0 22.6 42.0
77 57.1 44.6 66.8





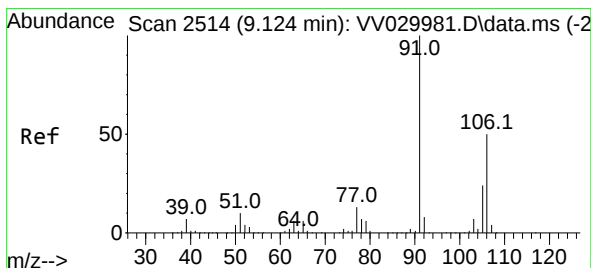
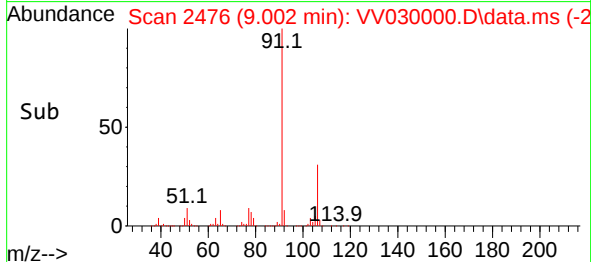
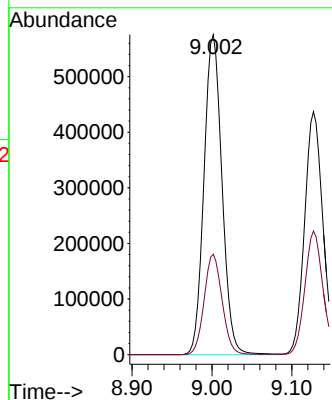
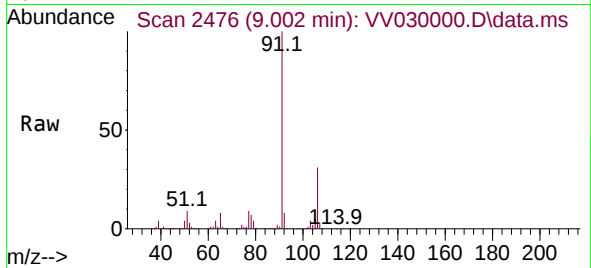
#52
Ethylbenzene
Concen: 53.711 ug/L
RT: 9.002 min Scan# 2475
Delta R.T. 0.003 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

Instrument :
MSVOA_V
ClientSampleId :
A44L5MS

Tgt Ion: 91 Resp: 898263
Ion Ratio Lower Upper
91 100
106 31.4 22.0 40.8

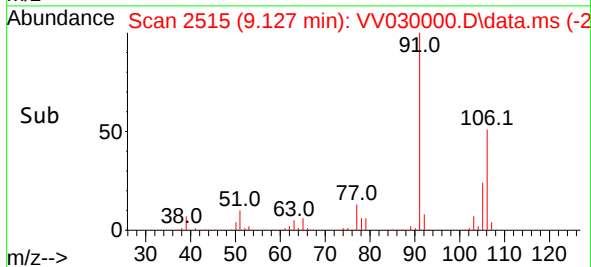
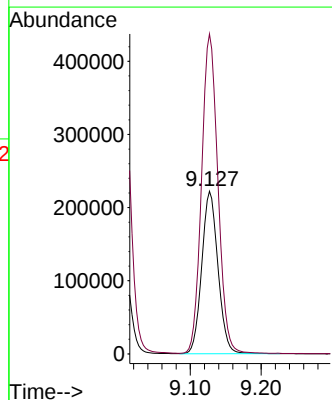
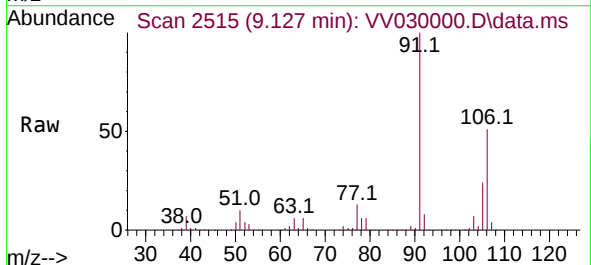
Manual Integrations
APPROVED

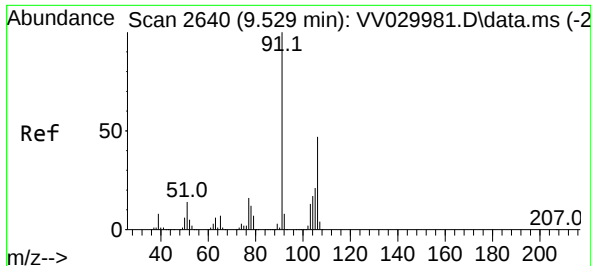
Reviewed By :Krupa Patel 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#53
m,p-Xylene
Concen: 53.002 ug/L
RT: 9.127 min Scan# 2515
Delta R.T. 0.003 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

Tgt Ion:106 Resp: 351973
Ion Ratio Lower Upper
106 100
91 196.8 138.9 258.1





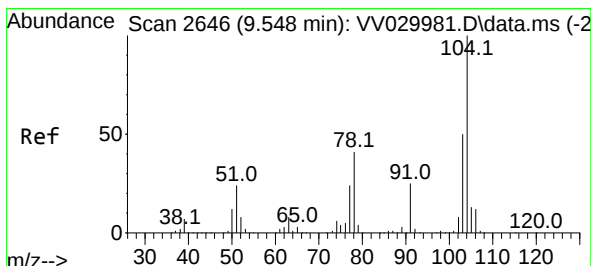
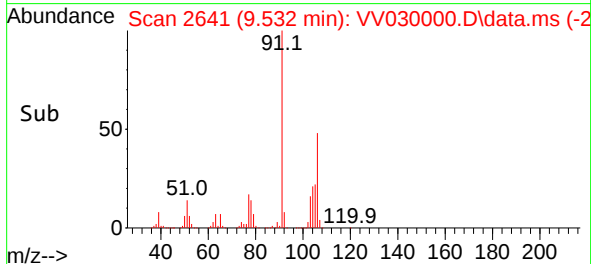
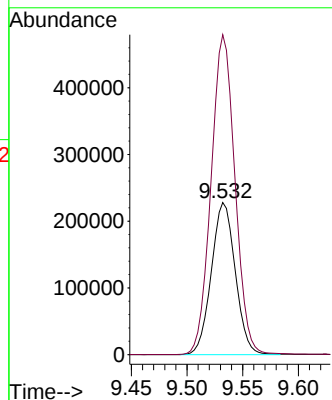
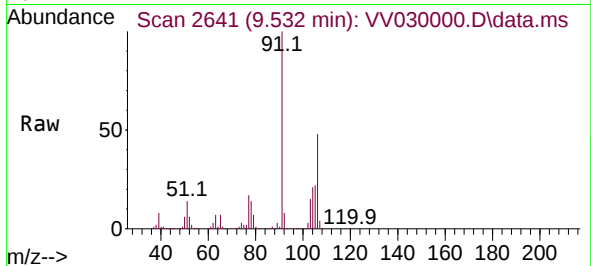
#54
o-Xylene
Concen: 53.023 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. 0.003 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

Instrument :
MSVOA_V
ClientSampleId :
A44L5MS

Tgt Ion:106 Resp: 340910
Ion Ratio Lower Upper
106 100
91 210.3 146.2 271.6

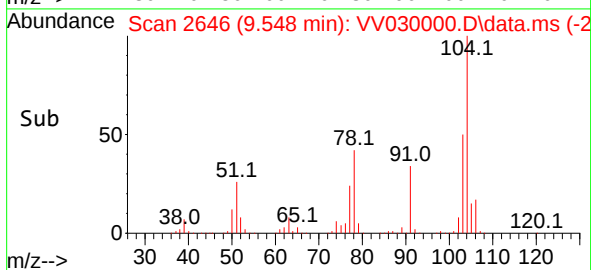
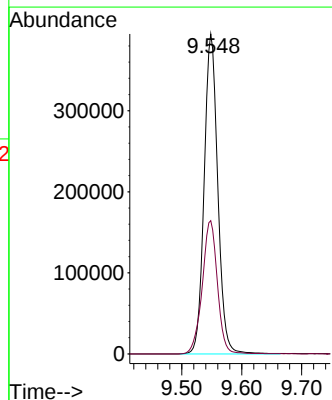
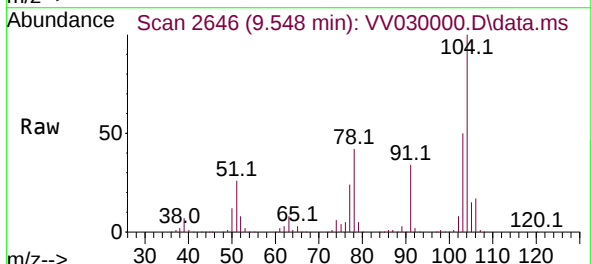
Manual Integrations
APPROVED

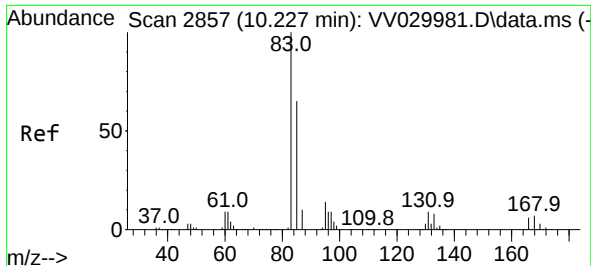
Reviewed By :Krupa Patel 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#55
Styrene
Concen: 53.433 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

Tgt Ion:104 Resp: 619582
Ion Ratio Lower Upper
104 100
78 41.6 28.6 53.0





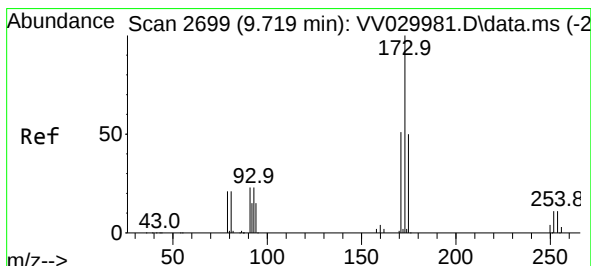
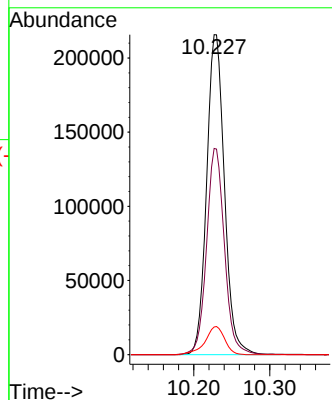
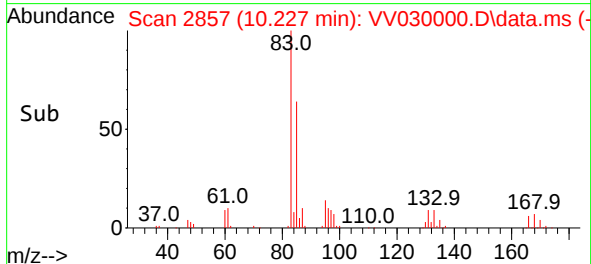
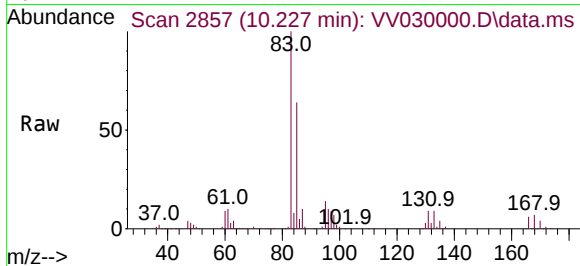
#57
1,1,2,2-Tetrachloroethane
Concen: 55.414 ug/L
RT: 10.227 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

Instrument : MSVOA_V
ClientSampleId : A44L5MS

Tgt Ion: 83 Resp: 350510
Ion Ratio Lower Upper
83 100
85 64.4 44.9 83.3
131 8.6 8.1 12.1

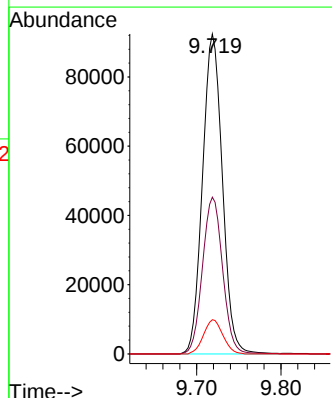
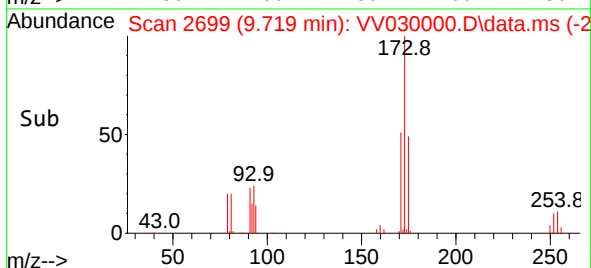
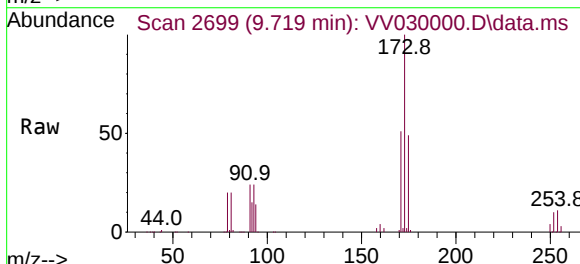
Manual Integrations
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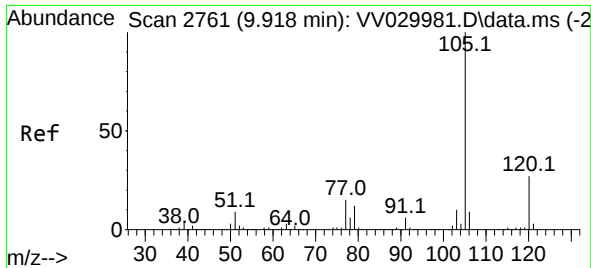
Reviewed By :Krupa Patel 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#59
Bromoform
Concen: 52.517 ug/L
RT: 9.719 min Scan# 2699
Delta R.T. 0.000 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

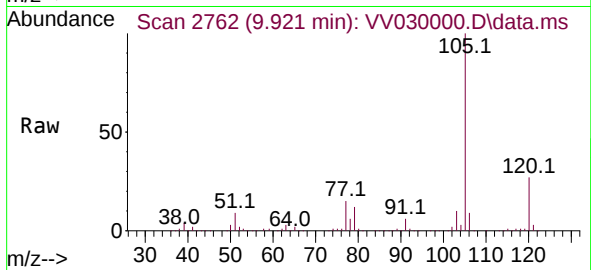
Tgt Ion:173 Resp: 150936
Ion Ratio Lower Upper
173 100
175 49.6 39.5 59.3
254 10.4 8.2 12.2





#60
Isopropylbenzene
Concen: 51.456 ug/L
RT: 9.921 min Scan# 2762
Delta R.T. 0.003 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

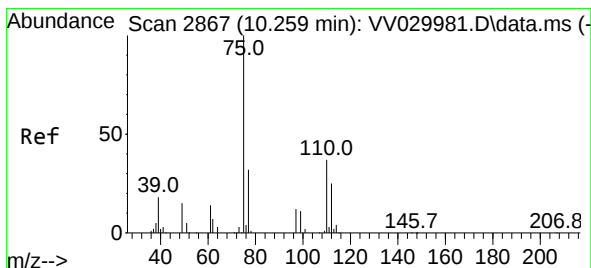
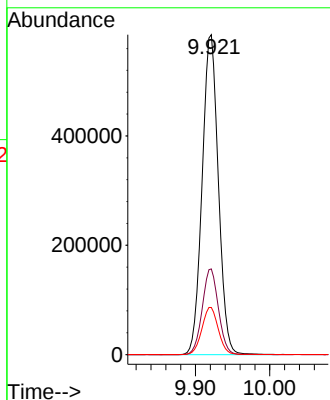
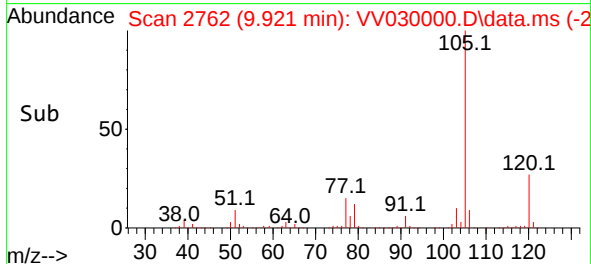
Instrument :
MSVOA_V
ClientSampleId :
A44L5MS



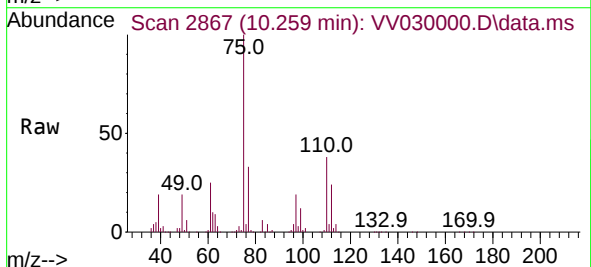
Tgt Ion:105 Resp: 889476
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.2
77 14.9 11.6 17.4

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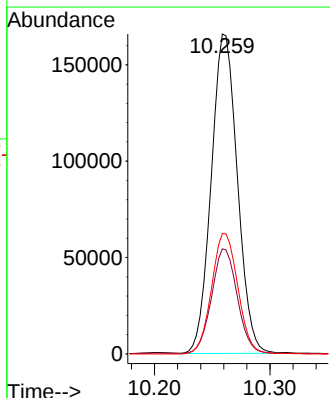
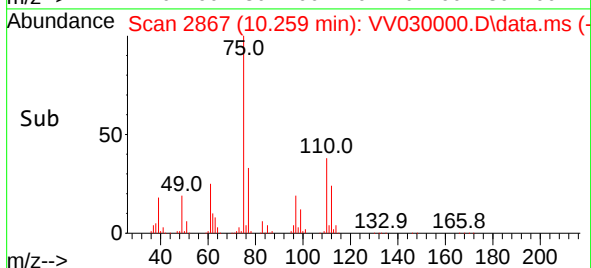
Reviewed By :Krupa Patel 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

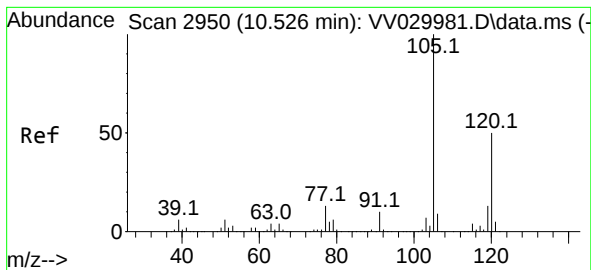


#61
1,2,3-Trichloropropane
Concen: 55.331 ug/L
RT: 10.259 min Scan# 2867
Delta R.T. 0.000 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34



Tgt Ion: 75 Resp: 261117
Ion Ratio Lower Upper
75 100
77 32.2 25.9 38.9
110 37.9 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 52.208 ug/L

RT: 10.526 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VV030000.D

Acq: 30 Jan 2023 18:34

Instrument :

MSVOA_V

ClientSampleId :

A44L5MS

Tgt Ion:105 Resp: 75773

Ion Ratio Lower Upper

105 100

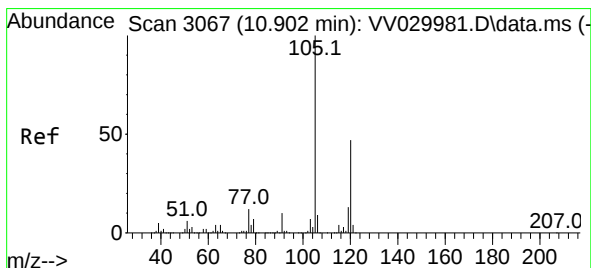
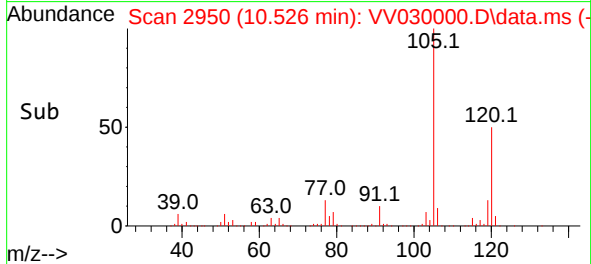
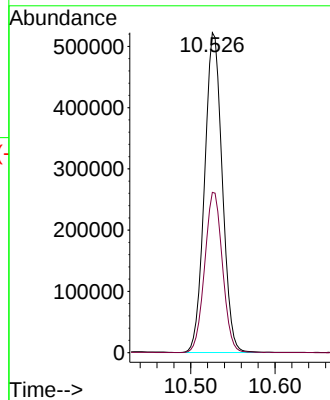
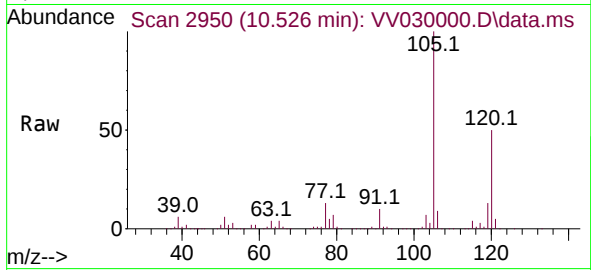
120 50.5 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#63

1,2,4-Trimethylbenzene

Concen: 51.693 ug/L

RT: 10.902 min Scan# 3067

Delta R.T. 0.000 min

Lab File: VV030000.D

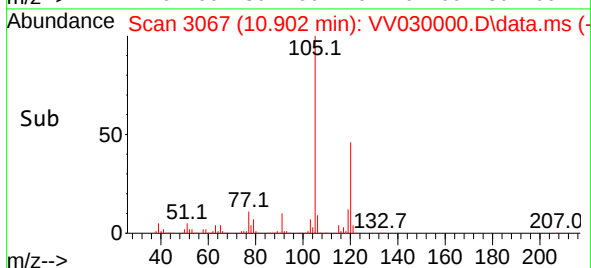
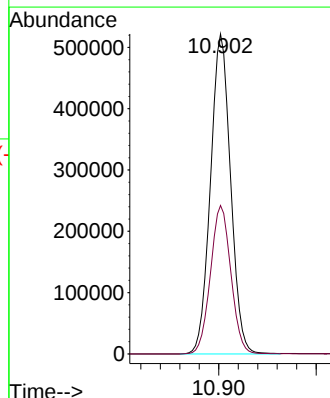
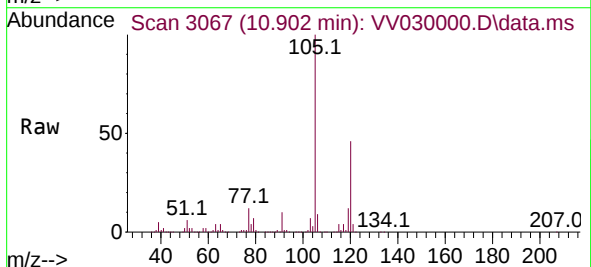
Acq: 30 Jan 2023 18:34

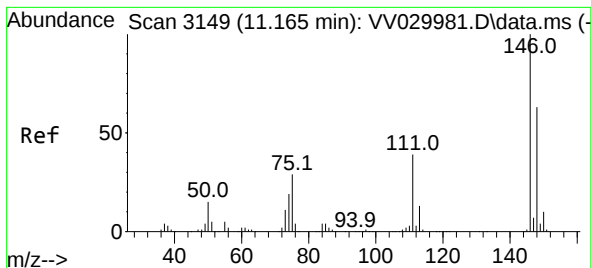
Tgt Ion:105 Resp: 747786

Ion Ratio Lower Upper

105 100

120 47.0 37.0 55.6





#64

1,3-Dichlorobenzene

Concen: 62.128 ug/L

RT: 11.169 min Scan# 3149

Delta R.T. 0.003 min

Lab File: VV030000.D

Acq: 30 Jan 2023 18:34

Instrument :

MSVOA_V

ClientSampleId :

A44L5MS

Tgt Ion:146 Resp: 54257

Ion Ratio Lower Upper

146 100

111 39.0 26.9 50.1

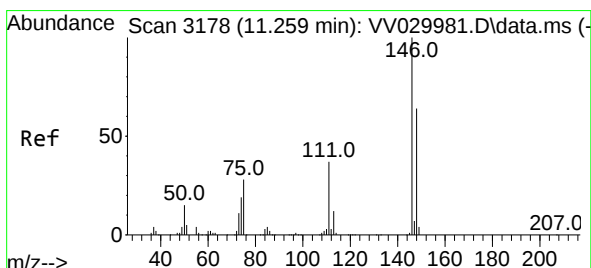
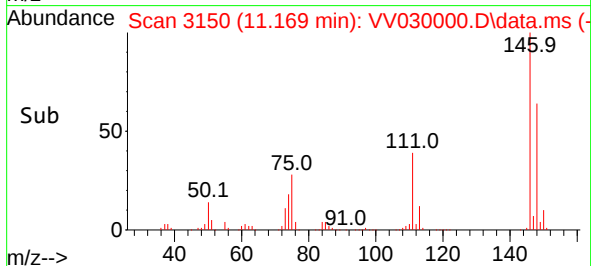
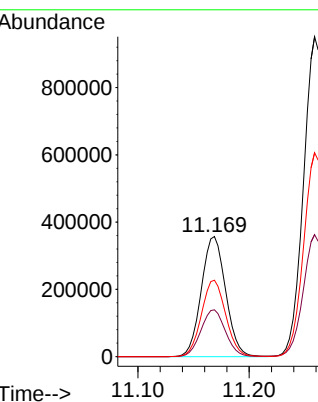
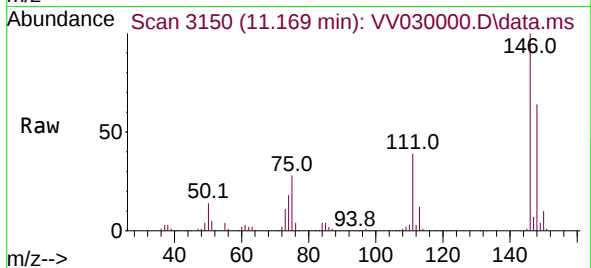
148 63.6 44.2 82.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#65

1,4-Dichlorobenzene

Concen: 155.406 ug/L

RT: 11.259 min Scan# 3178

Delta R.T. 0.000 min

Lab File: VV030000.D

Acq: 30 Jan 2023 18:34

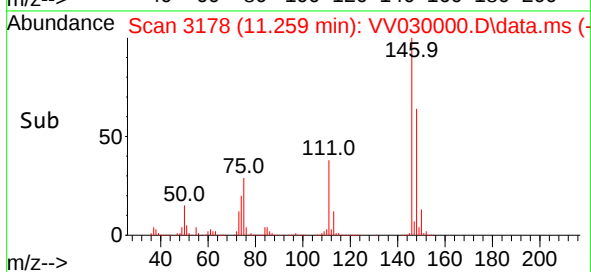
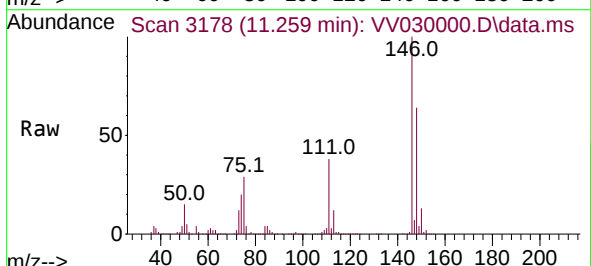
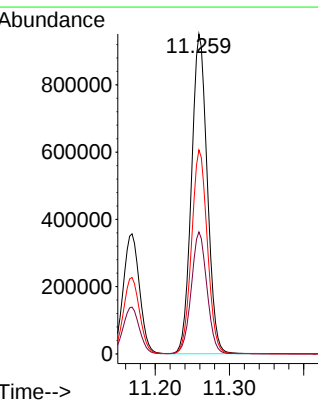
Tgt Ion:146 Resp: 1406068

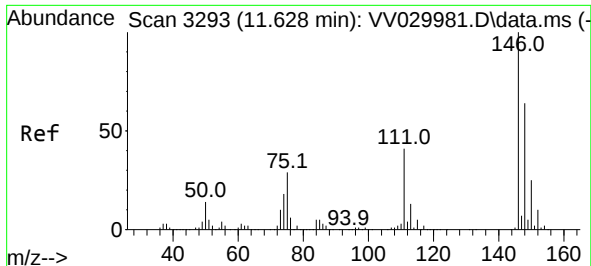
Ion Ratio Lower Upper

146 100

111 38.2 26.2 48.8

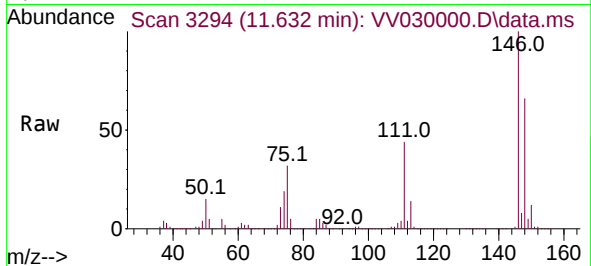
148 63.7 44.9 83.5





#67
1,2-Dichlorobenzene
Concen: 814.819 ug/L
RT: 11.632 min Scan# 3294
Delta R.T. 0.003 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

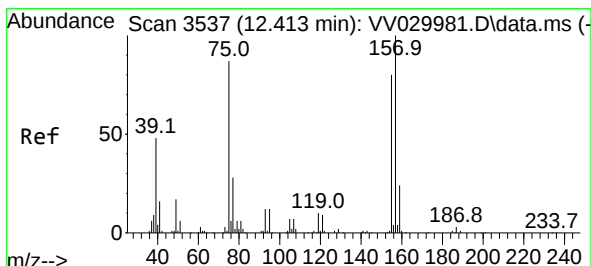
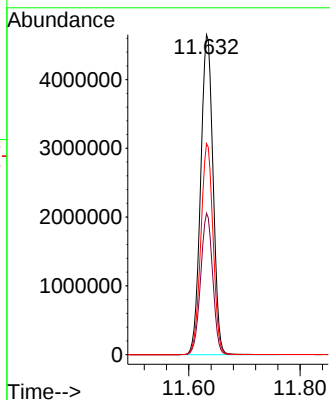
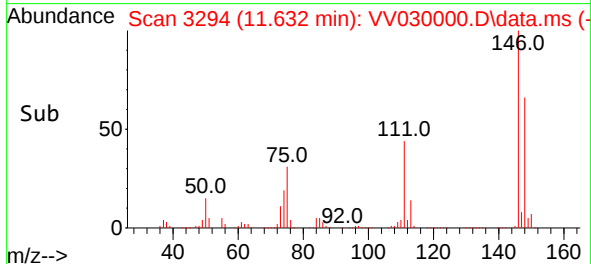
Instrument :
MSVOA_V
ClientSampleId :
A44L5MS



Tgt Ion:146 Resp: 7163569
Ion Ratio Lower Upper
146 100
111 44.2 32.7 49.1
148 65.9 51.0 76.4

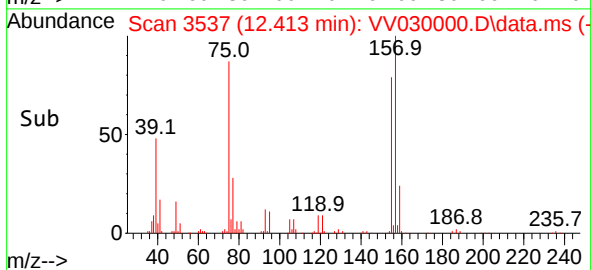
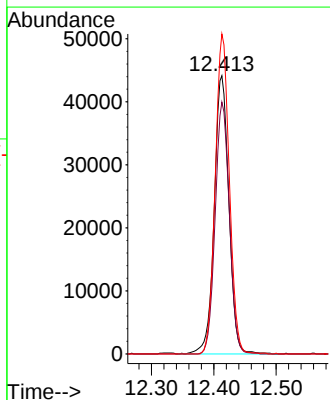
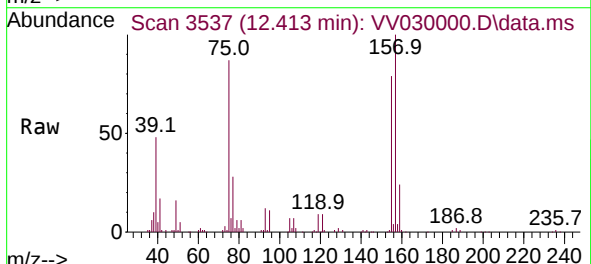
Manual Integrations
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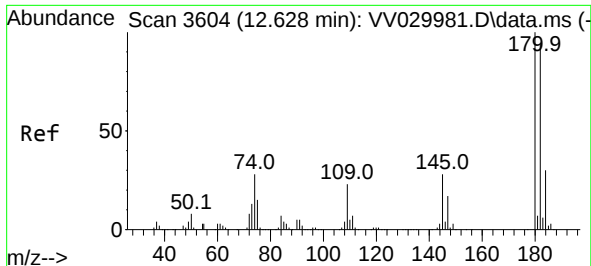
Reviewed By :Krupa Patel 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#68
1,2-Dibromo-3-chloropropane
Concen: 56.923 ug/L
RT: 12.413 min Scan# 3537
Delta R.T. 0.000 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

Tgt Ion: 75 Resp: 71782
Ion Ratio Lower Upper
75 100
155 90.5 72.3 108.5
157 115.0 95.4 143.2





#69

1,3,5-Trichlorobenzene

Concen: 48.474 ug/L

RT: 12.632 min Scan# 3605

Delta R.T. 0.003 min

Lab File: VV030000.D

Acq: 30 Jan 2023 18:34

Instrument :

MSVOA_V

ClientSampleId :

A44L5MS

Tgt Ion:180 Resp: 329576

Ion Ratio Lower Upper

180 100

182 94.2 76.2 114.4

184 30.4 23.9 35.9

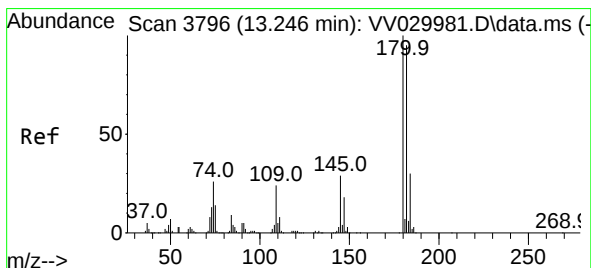
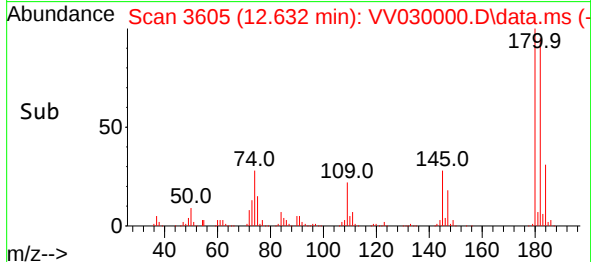
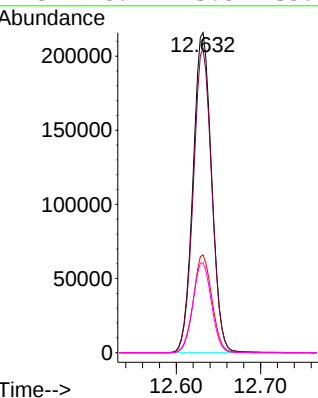
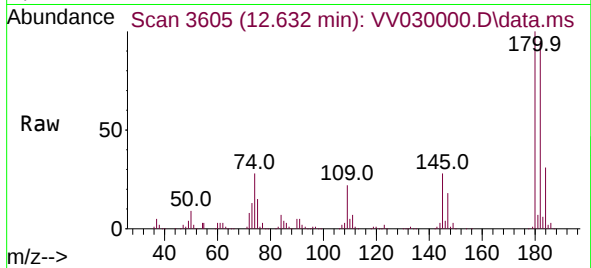
145 28.2 23.8 35.6

Manual Integrations

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Reviewed By :Krupa Patel 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#70

1,2,4-trichlorobenzene

Concen: 59.234 ug/L

RT: 13.246 min Scan# 3796

Delta R.T. 0.000 min

Lab File: VV030000.D

Acq: 30 Jan 2023 18:34

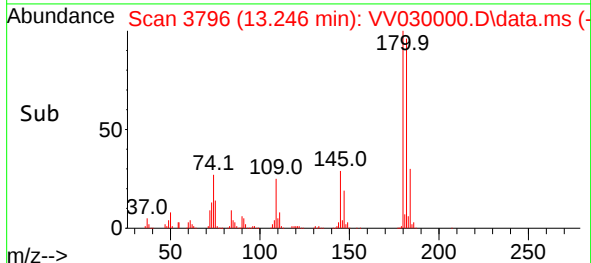
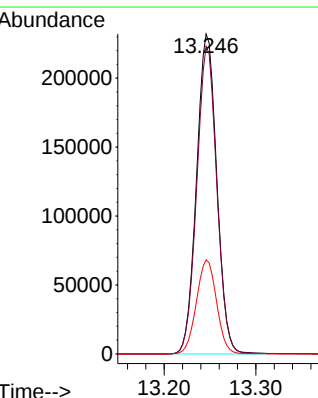
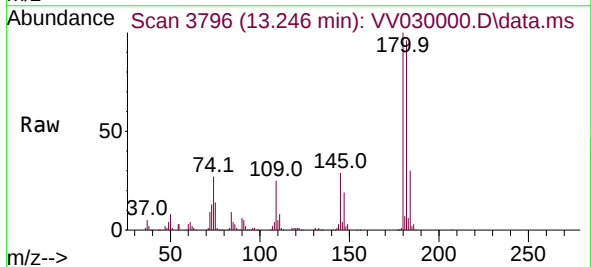
Tgt Ion:180 Resp: 355468

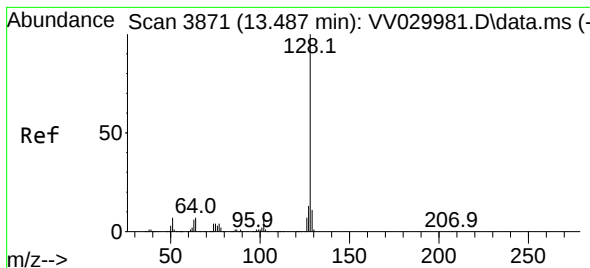
Ion Ratio Lower Upper

180 100

182 95.2 76.0 114.0

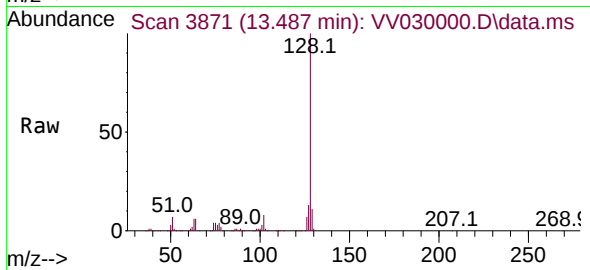
145 29.3 24.0 36.0





#71
Naphthalene
Concen: 55.928 ug/L
RT: 13.487 min Scan# 3871
Delta R.T. 0.000 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34

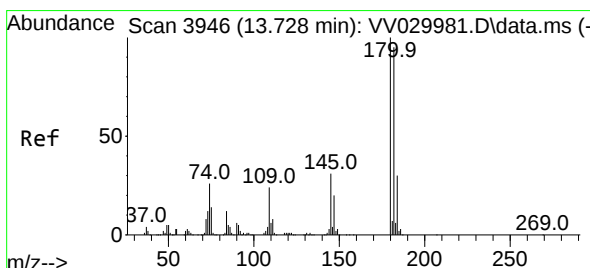
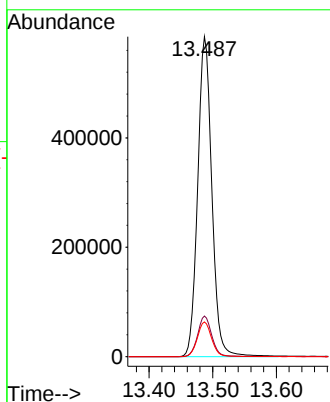
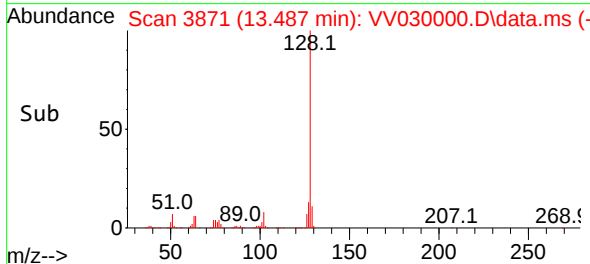
Instrument :
MSVOA_V
ClientSampleId :
A44L5MS



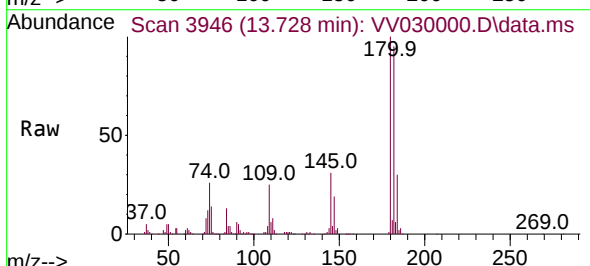
Tgt Ion:128 Resp: 902655
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.9 8.7 13.1

Manual Integrations
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Reviewed By :Krupa Patel 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#72
1,2,3-Trichlorobenzene
Concen: 53.111 ug/L
RT: 13.728 min Scan# 3946
Delta R.T. 0.000 min
Lab File: VV030000.D
Acq: 30 Jan 2023 18:34



Tgt Ion:180 Resp: 310608
Ion Ratio Lower Upper
180 100
182 95.0 76.3 114.5
145 31.0 25.7 38.5

