

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092122\
 Data File : VU050876.D
 Acq On : 21 Sep 2022 12:24
 Operator : JC/MD
 Sample : N4651-04MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ25MS

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/23/2022
 Supervised By :Mahesh Dadoda 09/26/2022

Quant Time: Sep 22 02:12:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 22 02:11:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	445604	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	417757	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	180936	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	154745	33.518	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.040%
7) Chloroethane-d5	1.906	69	139768	42.508	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.020%
11) 1,1-Dichloroethene-d2	2.568	63	283129	39.412	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.820%
21) 2-Butanone-d5	4.620	46	338655	113.621	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.620%
24) Chloroform-d	5.060	84	325727	45.021	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.040%
26) 1,2-Dichloroethane-d4	5.700	65	214001	47.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.000%
32) Benzene-d6	5.726	84	580555	42.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.380%
36) 1,2-Dichloropropane-d6	6.690	67	213316	45.927	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.860%
41) Toluene-d8	7.896	98	450037	37.416	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.840%#
43) trans-1,3-Dichloroprop...	8.176	79	89684	44.386	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.780%
47) 2-Hexanone-d5	8.632	63	214539	112.086	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.090%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	355724	50.235	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.460%
66) 1,2-Dichlorobenzene-d4	12.192	152	151712	40.047	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	285519	61.880	ug/L	99
3) Chloromethane	1.520	50	338751	63.151	ug/L	99
5) Vinyl chloride	1.604	62	368310	70.135	ug/L	98
6) Bromomethane	1.848	94	189542	71.445	ug/L	100
8) Chloroethane	1.925	64	197239	67.837	ug/L	100
9) Trichlorofluoromethane	2.134	101	383314	67.293	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	239577	65.711	ug/L	100
12) 1,1-Dichloroethene	2.578	96	224766m	65.611	ug/L	
13) Acetone	2.626	43	309887	122.788	ug/L	100
14) Carbon disulfide	2.790	76	709131	65.461	ug/L	100
15) Methyl Acetate	2.944	43	338808	71.137	ug/L	99
16) Methylene chloride	3.041	84	282764	59.445	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	244631	69.672	ug/L	98
18) Methyl tert-butyl Ether	3.362	73	755305	70.563	ug/L	99
19) 1,1-Dichloroethane	3.867	63	832937	117.403	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	586110	150.550	ug/L	100
22) 2-Butanone	4.700	43	503612	151.386	ug/L	99
23) Bromochloromethane	4.970	128	141093	69.150	ug/L	95
25) Chloroform	5.086	83	480318	67.932	ug/L	100

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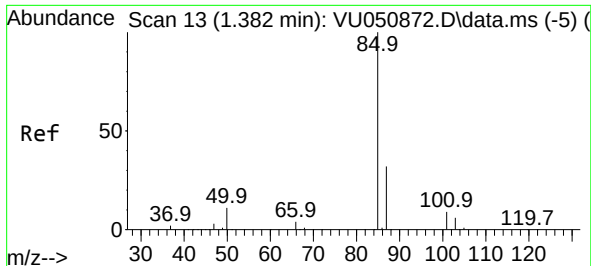
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	379486	70.624	ug/L	100
29) Cyclohexane	5.388	56	409196	71.176	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	485498	87.355	ug/L	98
31) Carbon tetrachloride	5.523	117	323832	70.138	ug/L	99
33) Benzene	5.774	78	1098597	71.458	ug/L	100
34) Trichloroethene	6.539	95	274404	76.838	ug/L	99
35) Methylcyclohexane	6.761	83	421298	73.216	ug/L	98
37) 1,2-Dichloropropane	6.790	63	296176	70.401	ug/L	99
38) Bromodichloromethane	7.105	83	359916	71.806	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	403368	71.650	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	923219	159.235	ug/L	99
42) Toluene	7.967	91	1126897	73.836	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	391581	73.119	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	278212	71.761	ug/L	99
46) Tetrachloroethene	8.552	164	187158	72.928	ug/L	99
48) 2-Hexanone	8.681	43	756281	156.107	ug/L	99
49) Dibromochloromethane	8.809	129	274958	72.331	ug/L	100
50) 1,2-Dibromoethane	8.922	107	294708	73.266	ug/L	100
51) Chlorobenzene	9.446	112	658930	70.719	ug/L	99
52) Ethylbenzene	9.568	91	1124556	73.859	ug/L	99
53) m,p-Xylene	9.693	106	429083	75.801	ug/L	98
54) o-Xylene	10.099	106	426030	75.536	ug/L	99
55) Styrene	10.111	104	748744	77.430	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	498920	69.548	ug/L	100
59) Bromoform	10.288	173	207438	79.432	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	400497	78.694	ug/L	99
61) Isopropylbenzene	10.484	105	1078895	83.438	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	904849	85.126	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	899605	85.460	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	460919	77.949	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	457608	76.229	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	484344	77.359	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	117607	84.020	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	308957	74.679	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	255515	75.470	ug/L	100
71) Naphthalene	14.086	128	1094152	84.089	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	297329	78.467	ug/L	99

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



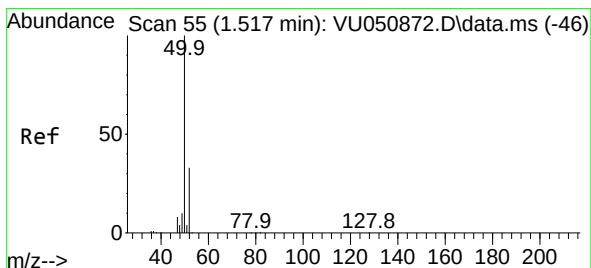
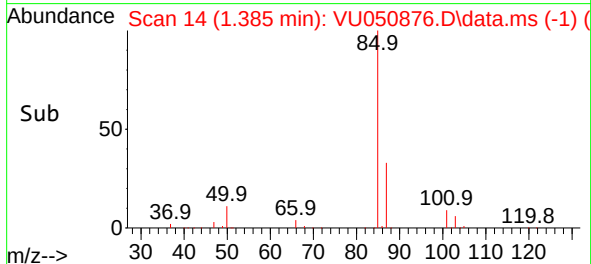
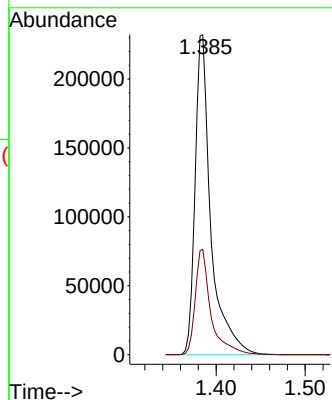
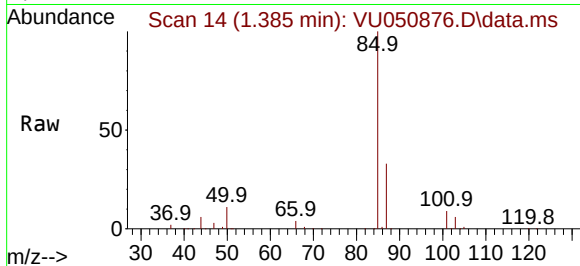
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Dichlorodifluoromethane
Concen: 61.880 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

Instrument :
MSVOA_U
ClientSampleId :
EXZ25MS

Tgt Ion: 85 Resp: 285519
Ion Ratio Lower Upper
85 100
87 32.8 25.8 38.8

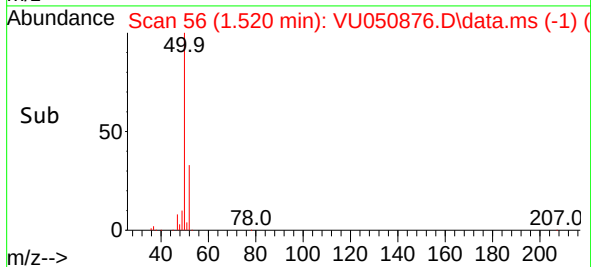
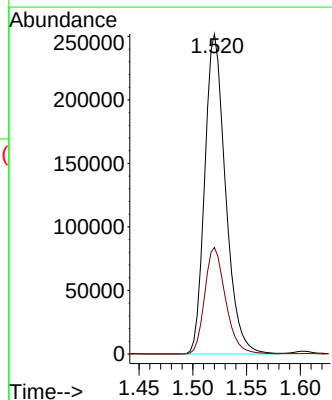
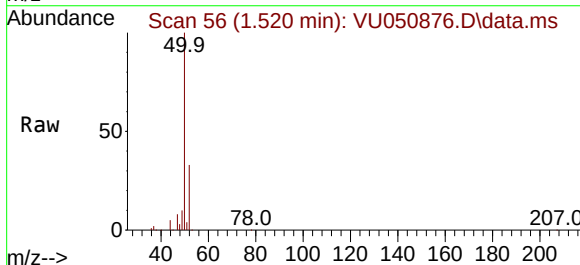
Manual Integrations
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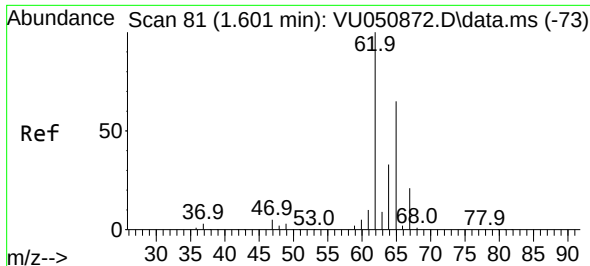
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/26/2022



#3
Chloromethane
Concen: 63.151 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.003 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

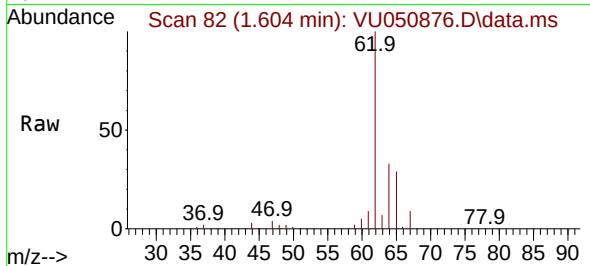
Tgt Ion: 50 Resp: 338751
Ion Ratio Lower Upper
50 100
52 33.3 23.7 43.9





#5
 Vinyl chloride
 Concen: 70.135 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU050876.D
 Acq: 21 Sep 2022 12:24

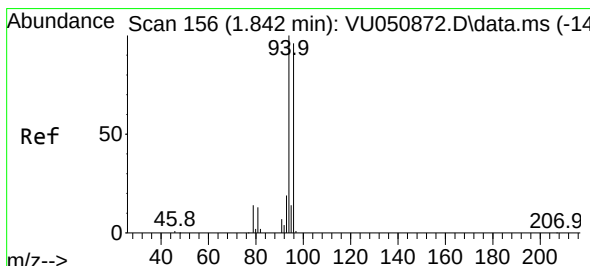
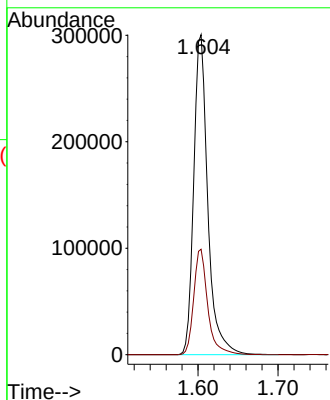
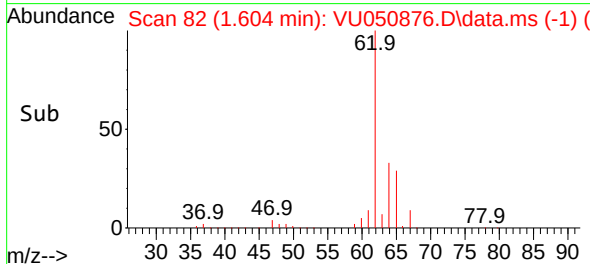
Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ25MS



Tgt Ion: 62 Resp: 368310
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.2 41.2

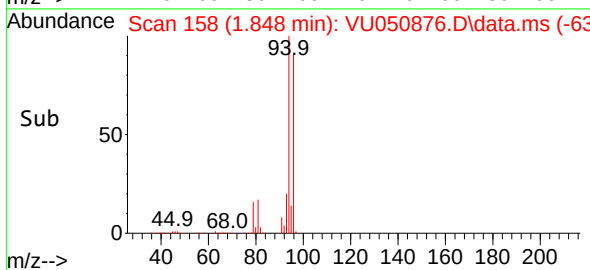
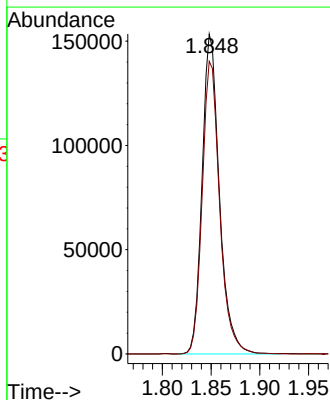
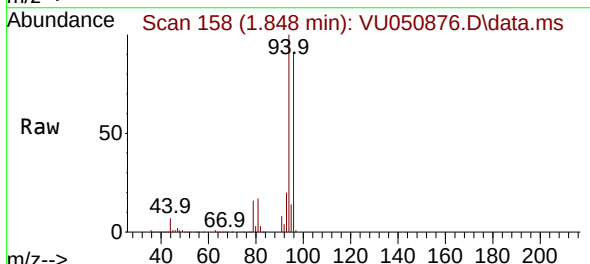
Manual Integrations
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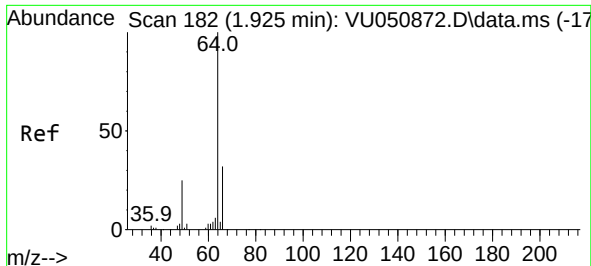
Reviewed By :Krupa Patel 09/23/2022
 Supervised By :Mahesh Dadoda 09/26/2022



#6
 Bromomethane
 Concen: 71.445 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. 0.006 min
 Lab File: VU050876.D
 Acq: 21 Sep 2022 12:24

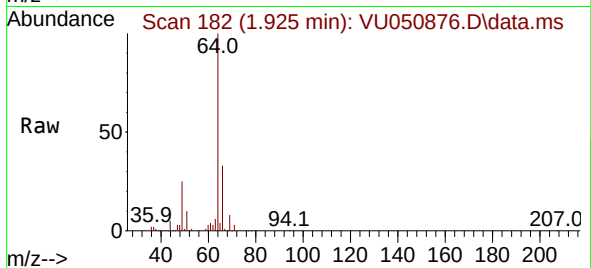
Tgt Ion: 94 Resp: 189542
 Ion Ratio Lower Upper
 94 100
 96 91.5 64.0 119.0





#8
Chloroethane
Concen: 67.837 ug/L
RT: 1.925 min Scan# 182
Delta R.T. 0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

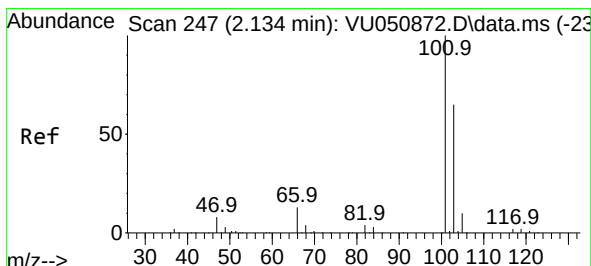
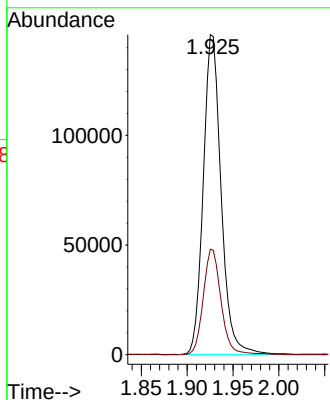
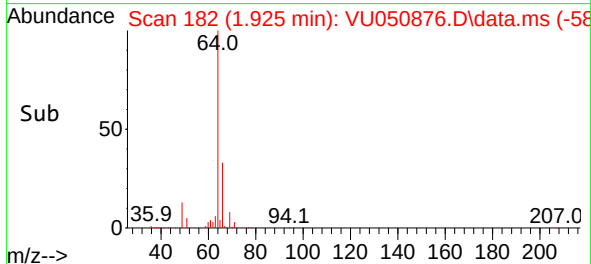
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MS



Tgt Ion: 64 Resp: 197239
Ion Ratio Lower Upper
64 100
66 33.0 22.9 42.5

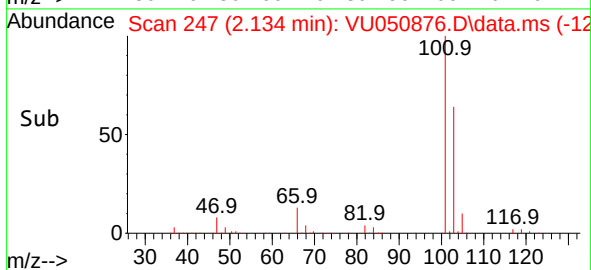
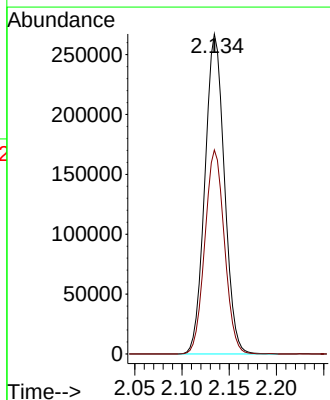
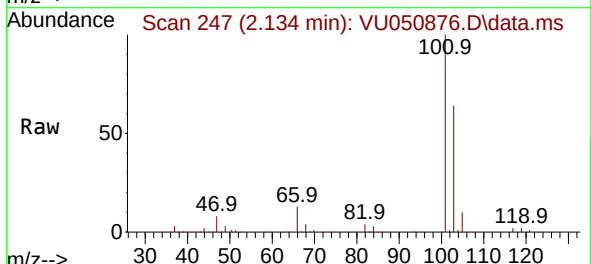
Manual Integrations
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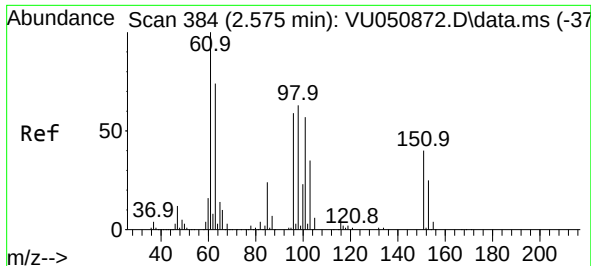
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/26/2022



#9
Trichlorofluoromethane
Concen: 67.293 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

Tgt Ion:101 Resp: 383314
Ion Ratio Lower Upper
101 100
103 64.0 50.9 76.3





#10

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

Concen: 65.711 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU050876.D

Acq: 21 Sep 2022 12:24

Instrument :

MSVOA_U

ClientSampleId :

EXZ25MS

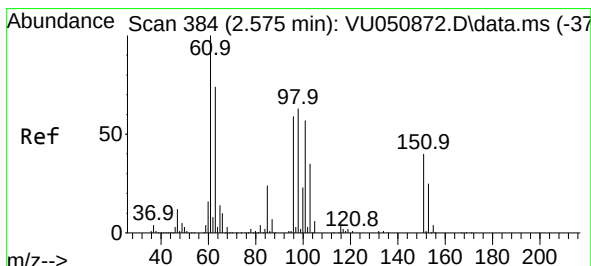
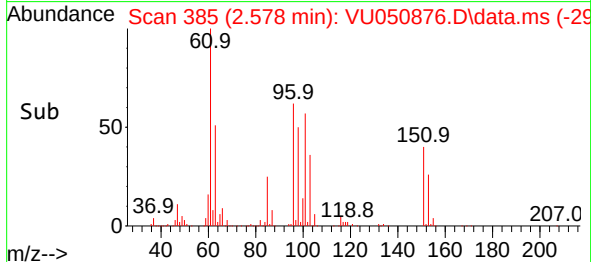
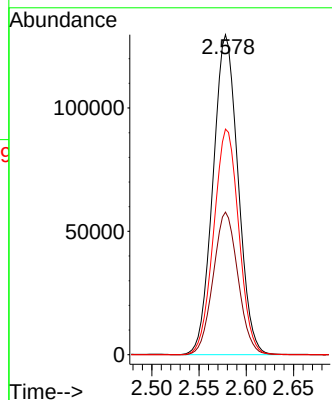
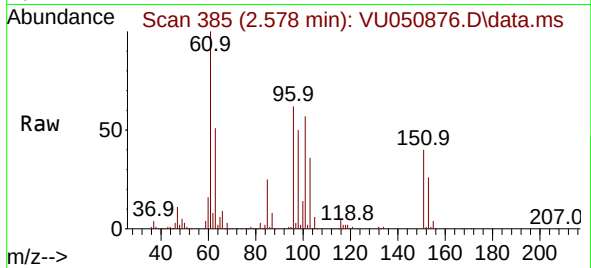
Tgt Ion:	101	Resp:	23957
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.1	52.7
151	70.6	56.6	84.8

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 09/26/2022



#12

1,1-Dichloroethene

Concen: 65.611 ug/L m

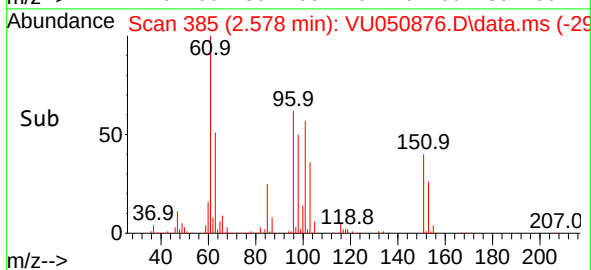
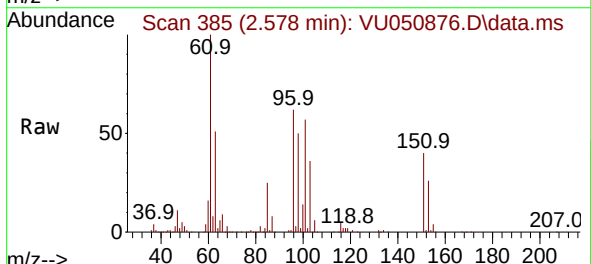
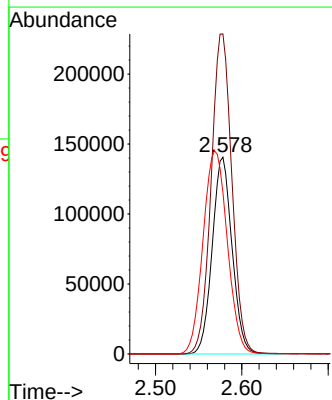
RT: 2.578 min Scan# 385

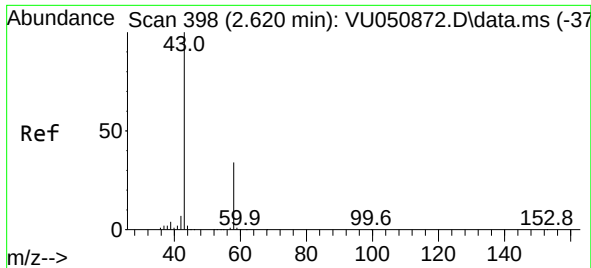
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Lab File: VU050876.D

Acq: 21 Sep 2022 12:24

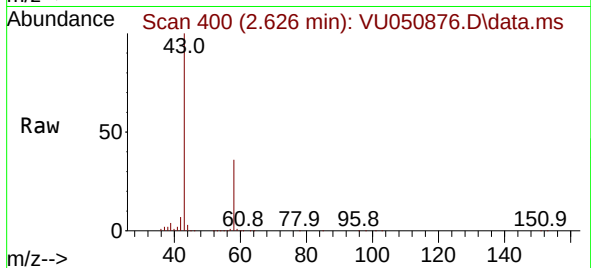
Tgt Ion:	96	Resp:	224766
Ion Ratio	Lower	Upper	
96	100		
61	162.6	118.6	220.2
63	82.2	90.4	168.0





#13
Acetone
Concen: 122.788 ug/L
RT: 2.626 min Scan# 40
Delta R.T. 0.006 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

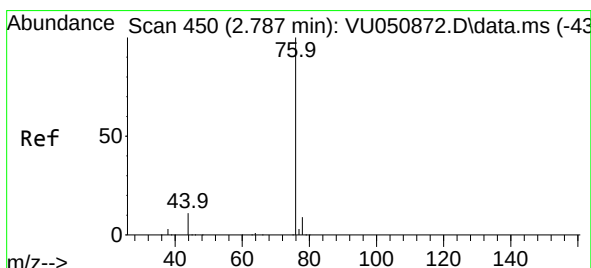
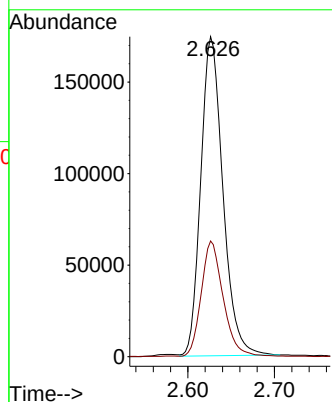
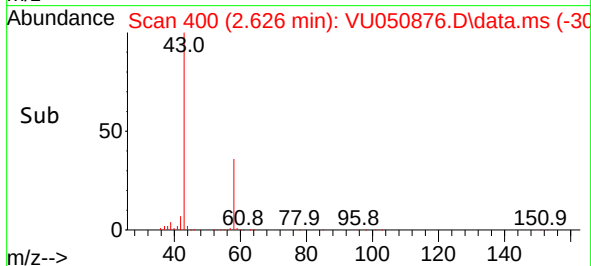
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MS



Tgt Ion: 43 Resp: 30988
Ion Ratio Lower Upper
43 100
58 35.5 0.0 71.4

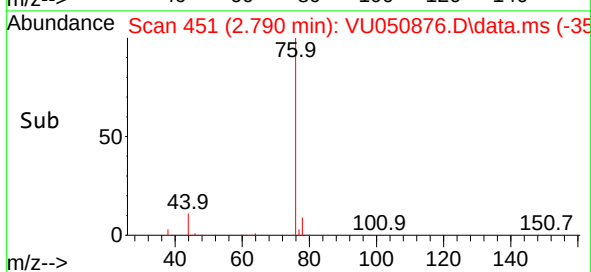
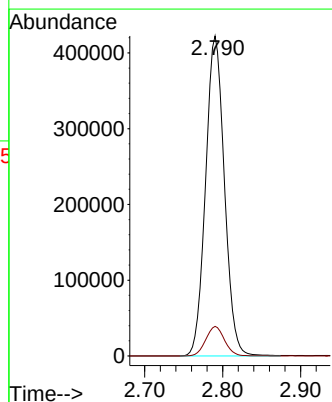
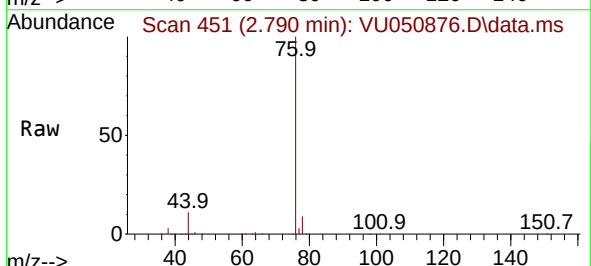
Manual Integrations
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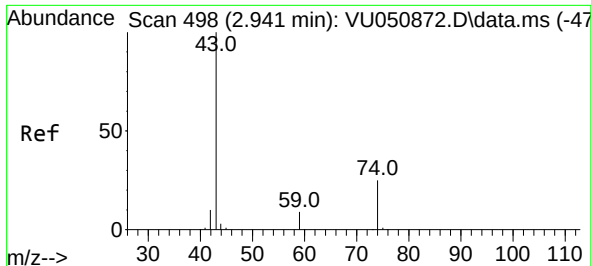
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/26/2022



#14
Carbon disulfide
Concen: 65.461 ug/L
RT: 2.790 min Scan# 451
Delta R.T. 0.003 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

Tgt Ion: 76 Resp: 709131
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3





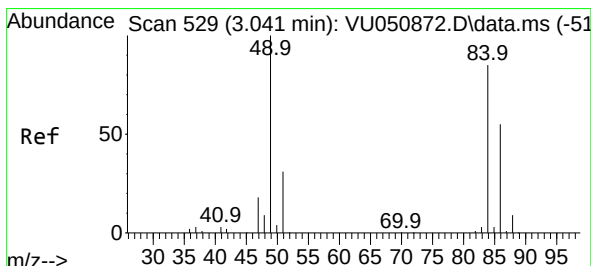
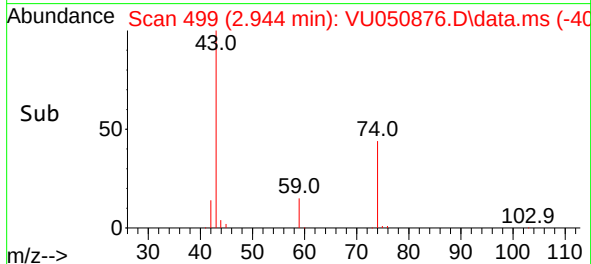
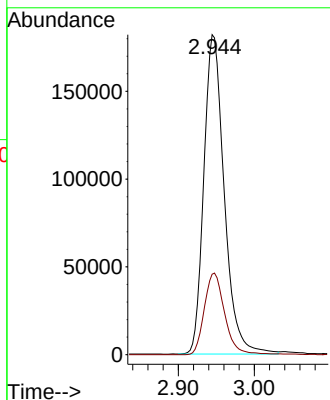
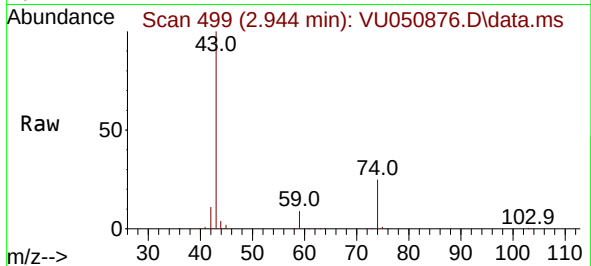
#15
Methyl Acetate
Concen: 71.137 ug/L
RT: 2.944 min Scan# 499
Delta R.T. 0.003 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

Instrument :
MSVOA_U
Client SampleId :
EXZ25MS

Tgt Ion: 43 Resp: 338808
Ion Ratio Lower Upper
43 100
74 25.5 19.9 29.9

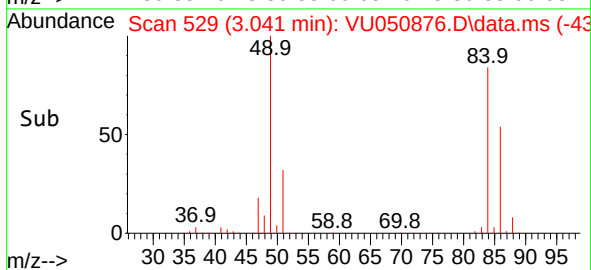
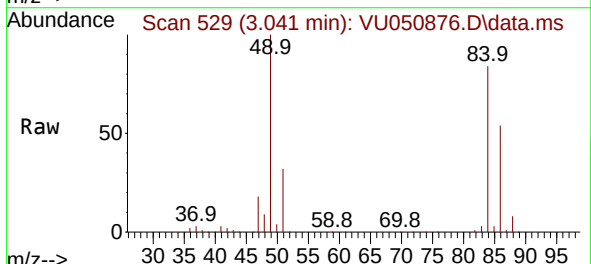
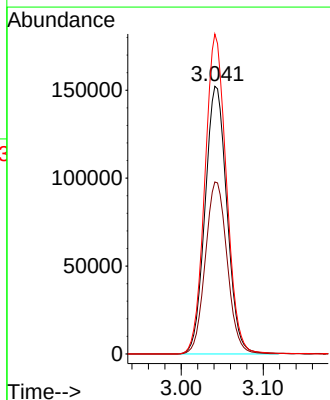
Manual Integrations
APPROVED

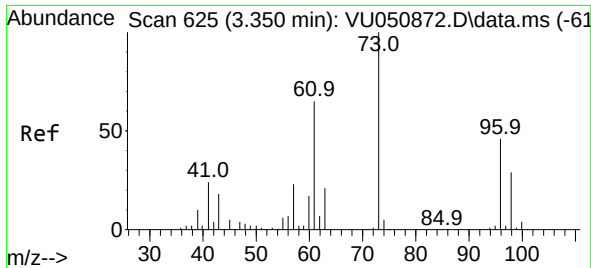
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/26/2022



#16
Methylene chloride
Concen: 59.445 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

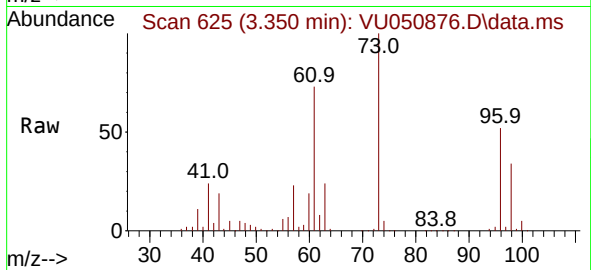
Tgt Ion: 84 Resp: 282764
Ion Ratio Lower Upper
84 100
86 64.2 44.4 82.5
49 119.5 83.3 154.7





#17
trans-1,2-Dichloroethene
Concen: 69.672 ug/L
RT: 3.350 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

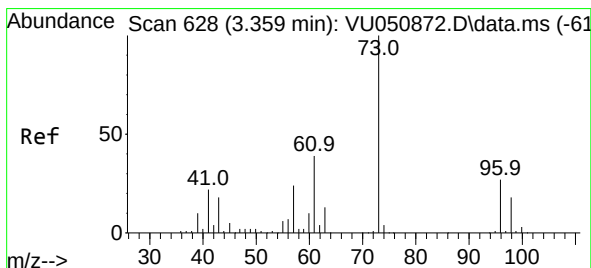
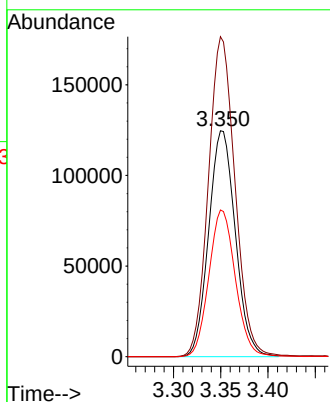
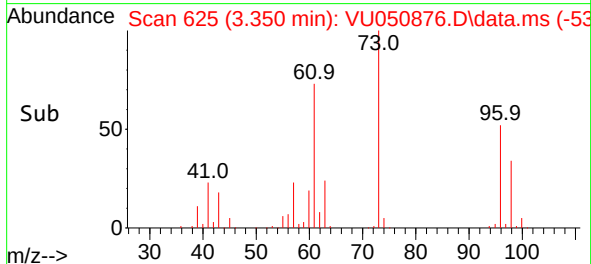
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MS



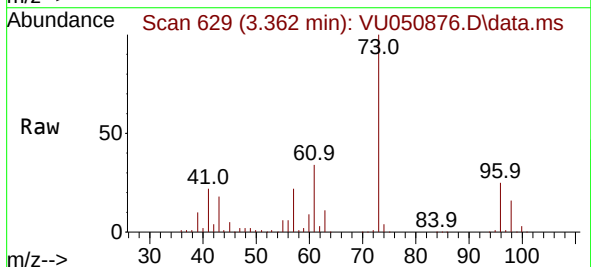
Tgt Ion: 96 Resp: 24463
Ion Ratio Lower Upper
96 100
61 141.6 98.0 182.0
98 64.9 44.3 82.3

Manual Integrations
APPROVED

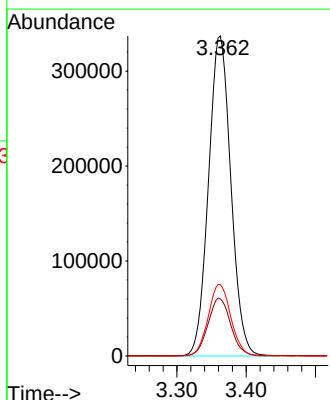
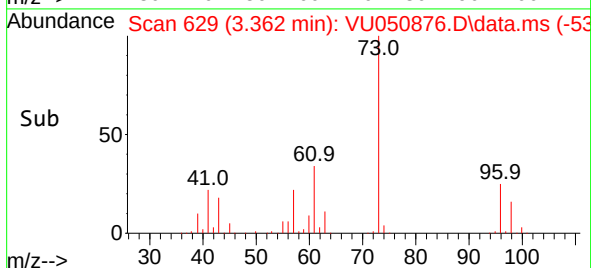
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/26/2022

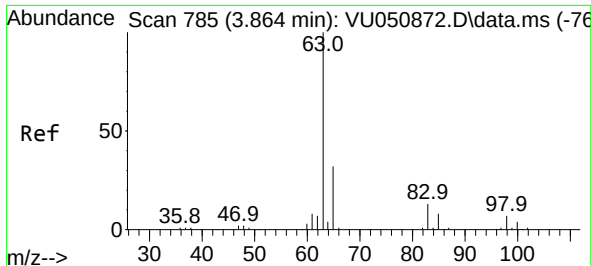


#18
Methyl tert-butyl Ether
Concen: 70.563 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24



Tgt Ion: 73 Resp: 755305
Ion Ratio Lower Upper
73 100
43 18.2 14.4 21.6
57 22.7 18.6 27.8





#19

1,1-Dichloroethane

Concen: 117.403 ug/L

RT: 3.867 min Scan# 785

Delta R.T. 0.003 min

Lab File: VU050876.D

Acq: 21 Sep 2022 12:24

Instrument :

MSVOA_U

ClientSampleId :

EXZ25MS

Tgt Ion: 63 Resp: 83293

Ion Ratio Lower Upper

63 100

65 31.4 21.5 39.9

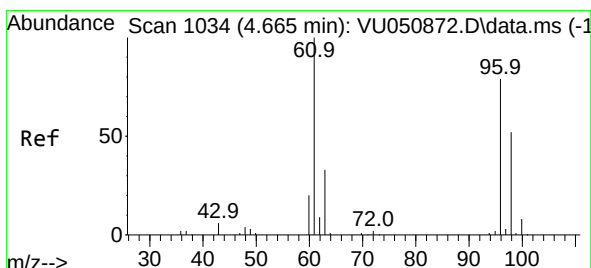
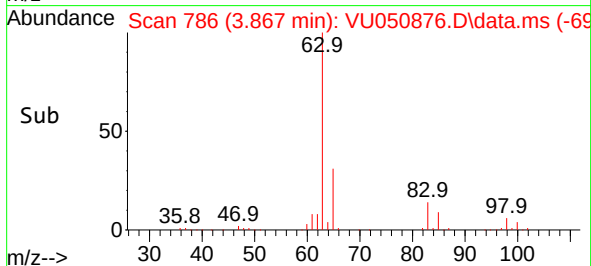
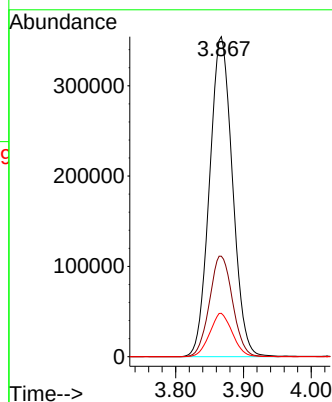
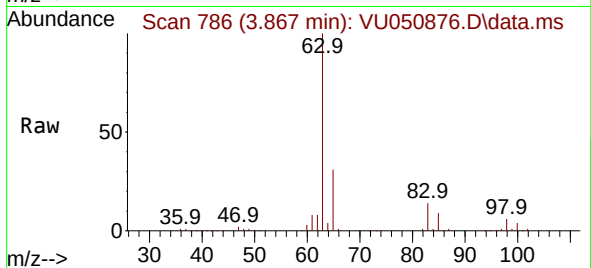
83 13.6 9.3 17.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/23/2022

Supervised By :Mahesh Dadoda 09/26/2022



#20

cis-1,2-Dichloroethene

Concen: 150.550 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050876.D

Acq: 21 Sep 2022 12:24

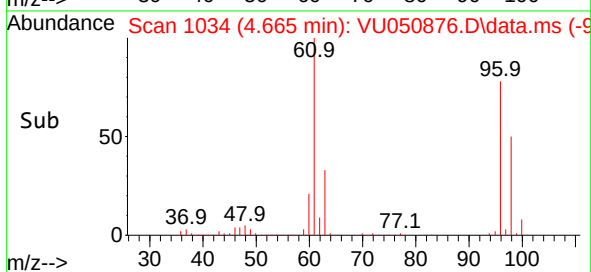
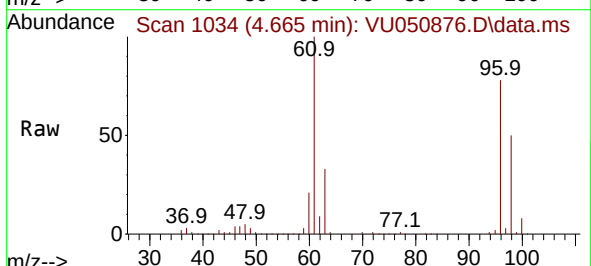
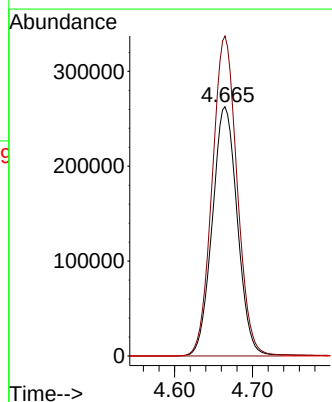
Tgt Ion: 96 Resp: 586110

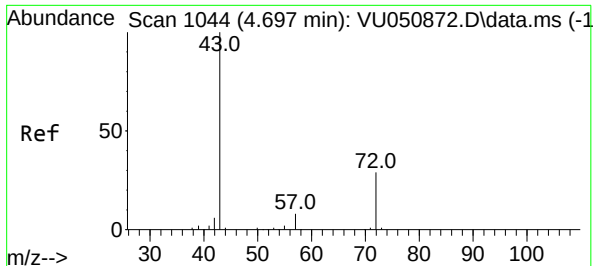
Ion Ratio Lower Upper

96 100

61 128.3 90.1 167.3

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 151.386 ug/L

RT: 4.700 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VU050876.D

Acq: 21 Sep 2022 12:24

Instrument :

MSVOA_U

ClientSampleId :

EXZ25MS

Tgt Ion: 43 Resp: 50361

Ion Ratio Lower Upper

43 100

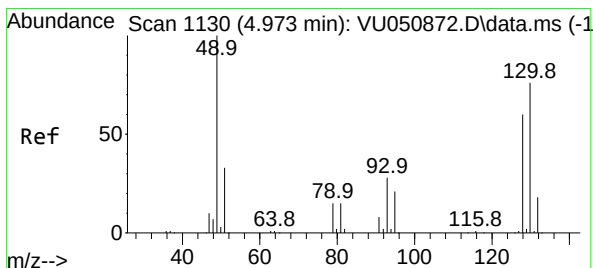
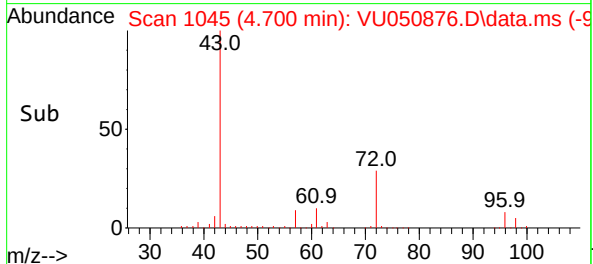
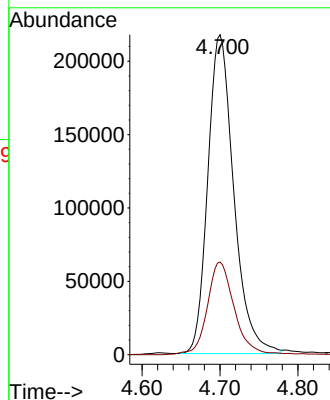
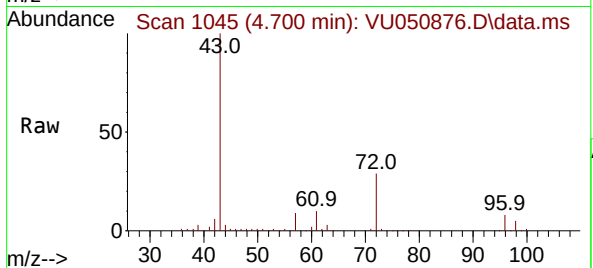
72 30.1 14.8 44.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/23/2022

Supervised By :Mahesh Dadoda 09/26/2022



#23

Bromochloromethane

Concen: 69.150 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU050876.D

Acq: 21 Sep 2022 12:24

Tgt Ion:128 Resp: 141093

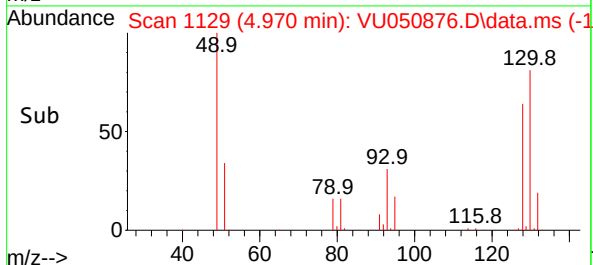
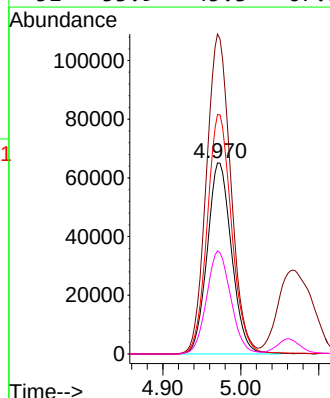
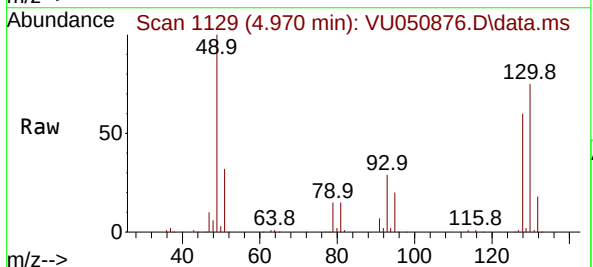
Ion Ratio Lower Upper

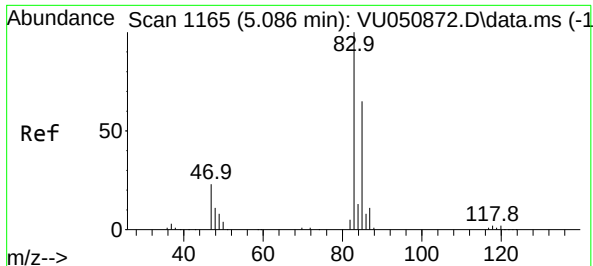
128 100

49 167.4 123.1 228.5

130 125.2 90.9 168.7

51 53.9 45.3 67.9





#25

Chloroform

Concen: 67.932 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050876.D

Acq: 21 Sep 2022 12:24

Instrument :

MSVOA_U

ClientSampleId :

EXZ25MS

Tgt Ion: 83 Resp: 480318

Ion Ratio Lower Upper

83 100

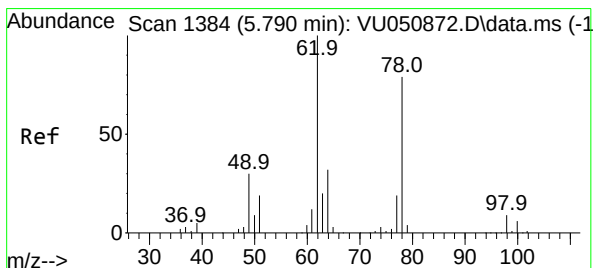
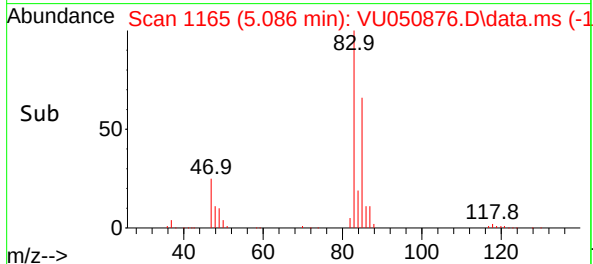
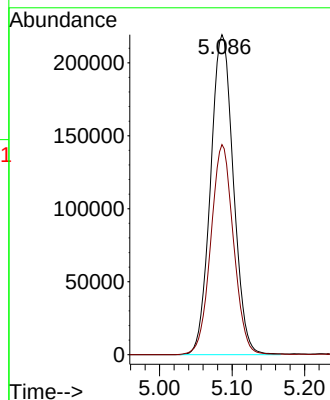
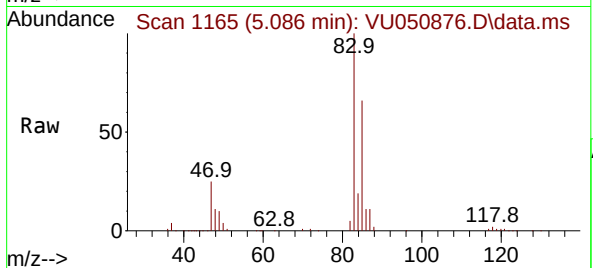
85 65.6 45.7 84.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/23/2022

Supervised By :Mahesh Dadoda 09/26/2022



#27

1,2-Dichloroethane

Concen: 70.624 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU050876.D

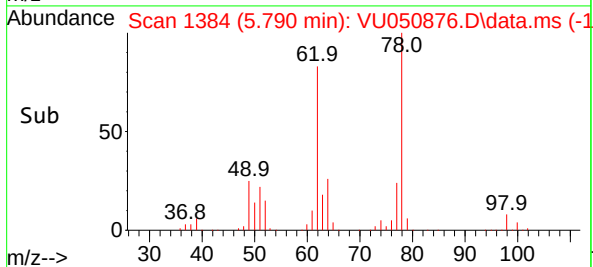
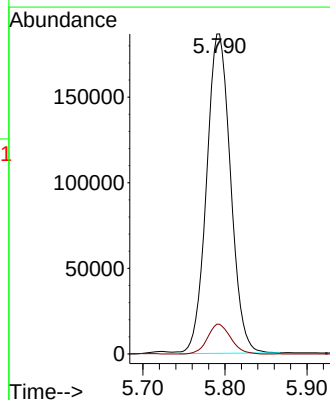
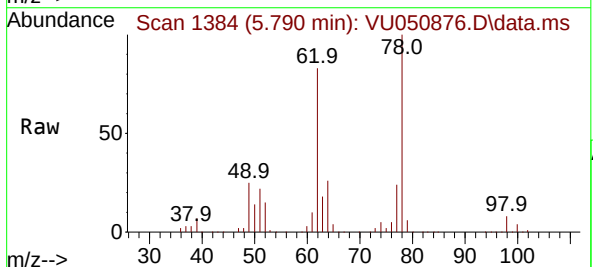
Acq: 21 Sep 2022 12:24

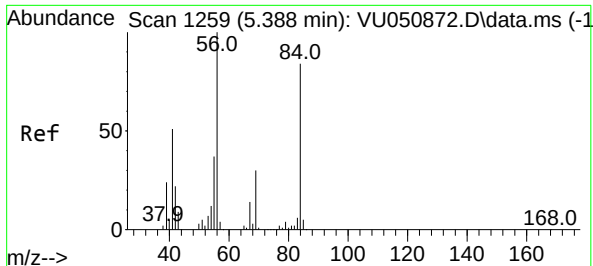
Tgt Ion: 62 Resp: 379486

Ion Ratio Lower Upper

62 100

98 9.3 7.4 11.0





#29

Cyclohexane

Concen: 71.176 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU050876.D

Acq: 21 Sep 2022 12:24

Instrument :

MSVOA_U

ClientSampleId :

EXZ25MS

Tgt Ion: 56 Resp: 409190

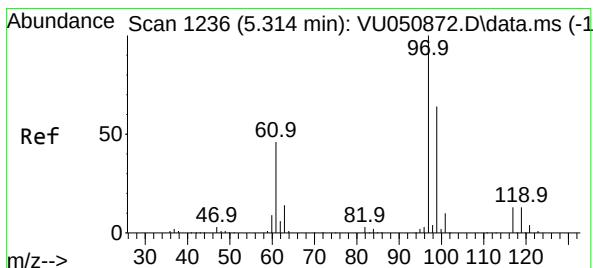
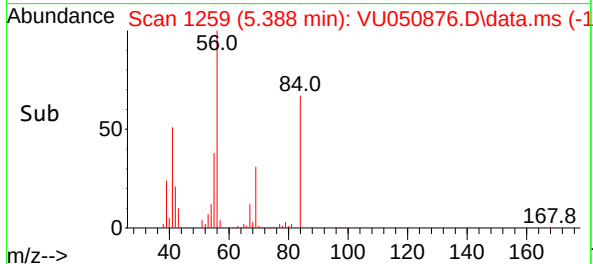
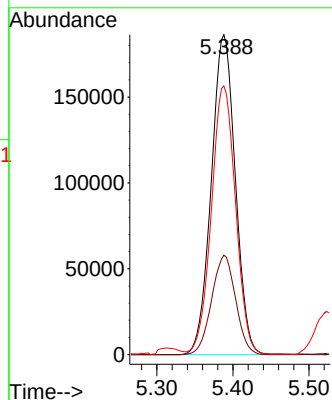
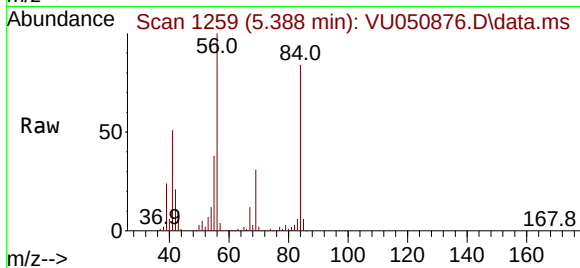
Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.2	36.4
84	84.6	66.4	99.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/23/2022

Supervised By :Mahesh Dadoda 09/26/2022



#30

1,1,1-Trichloroethane

Concen: 87.355 ug/L

RT: 5.314 min Scan# 1236

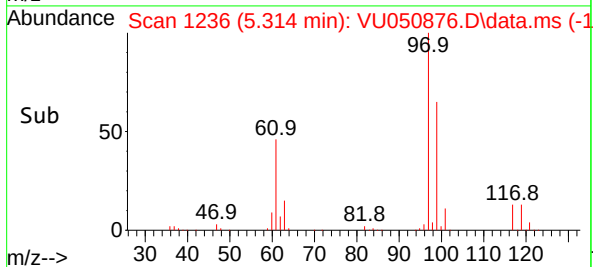
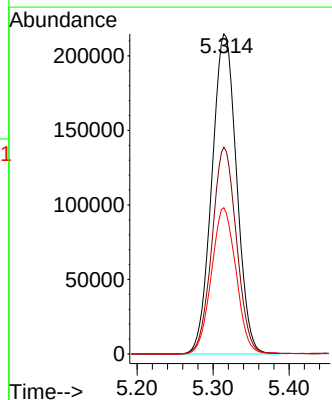
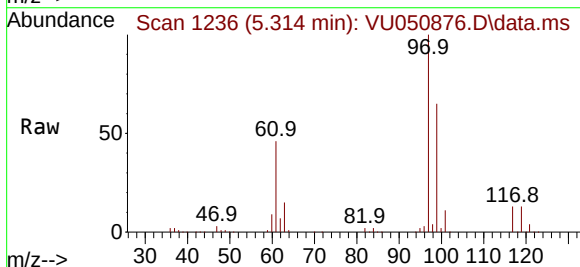
Delta R.T. 0.000 min

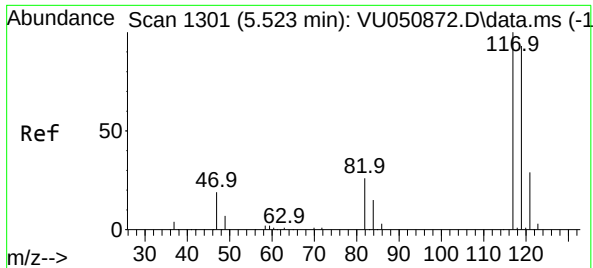
Lab File: VU050876.D

Acq: 21 Sep 2022 12:24

Tgt Ion: 97 Resp: 485498

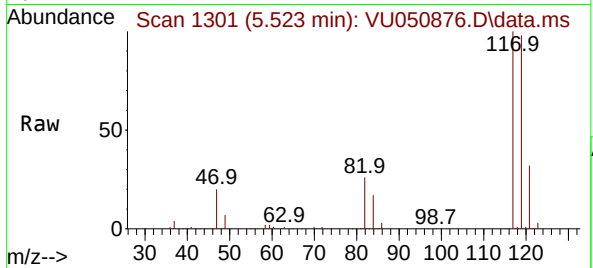
Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.2	78.2
61	45.3	37.1	55.7





#31
Carbon tetrachloride
Concen: 70.138 ug/L
RT: 5.523 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

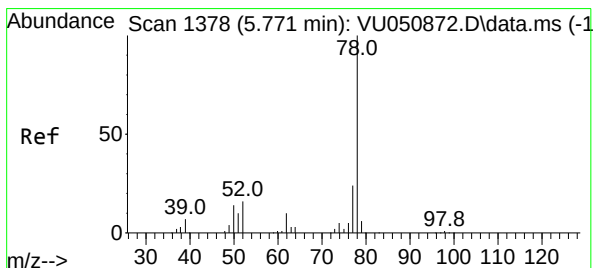
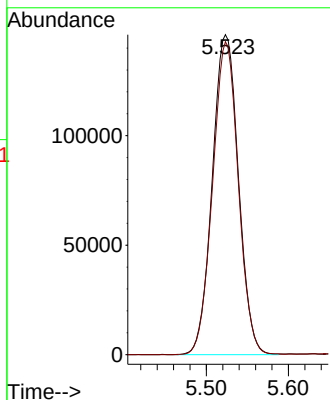
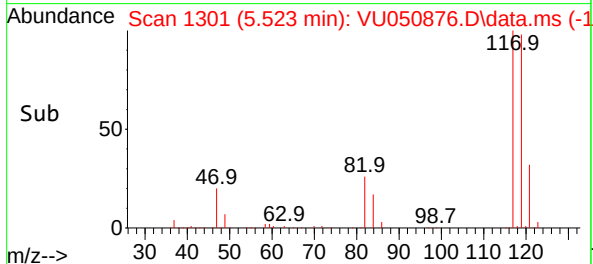
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MS



Tgt Ion:117 Resp: 323832
Ion Ratio Lower Upper
117 100
119 96.2 76.0 114.0

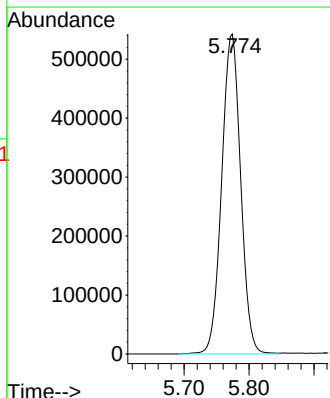
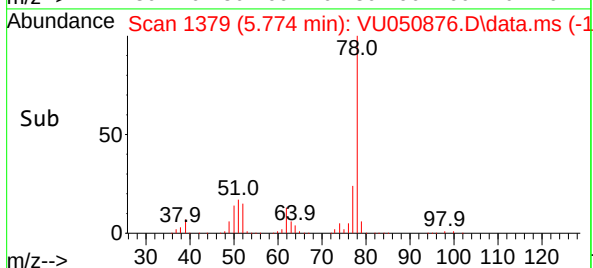
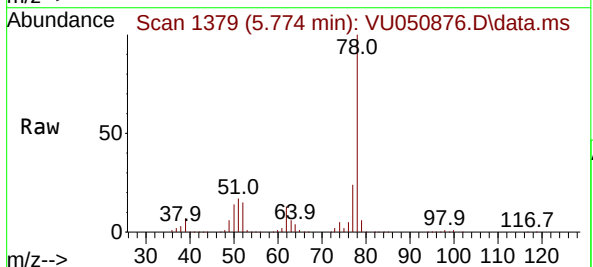
Manual Integrations
APPROVED

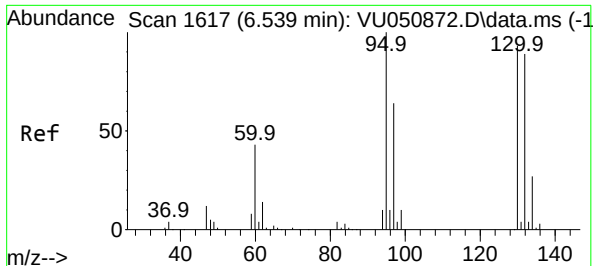
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/26/2022



#33
Benzene
Concen: 71.458 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

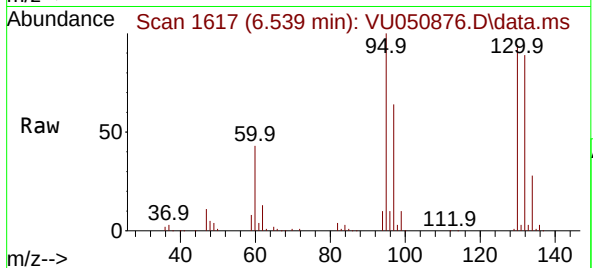
Tgt Ion: 78 Resp: 1098597





#34
Trichloroethene
Concen: 76.838 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

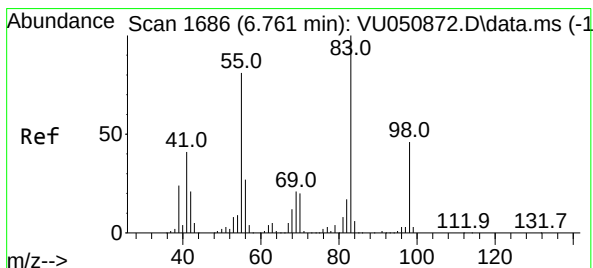
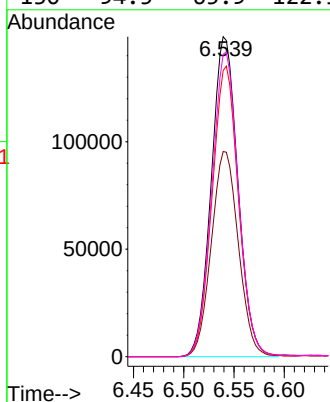
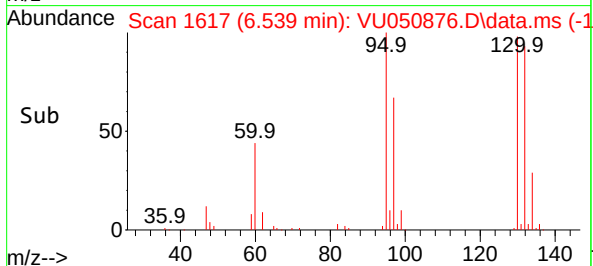
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MS



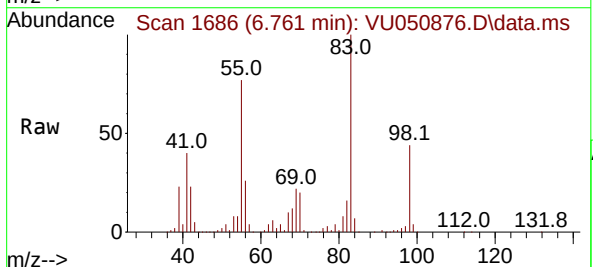
Tgt Ion: 95 Resp: 274404
Ion Ratio Lower Upper
95 100
97 64.1 43.9 81.5
132 89.4 63.1 117.1
130 94.5 65.9 122.3

Manual Integrations
APPROVED

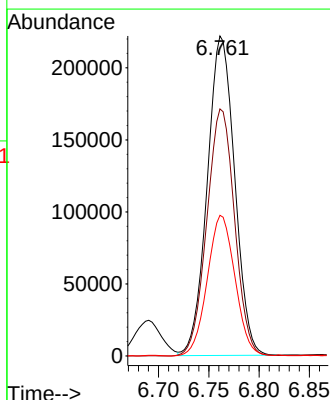
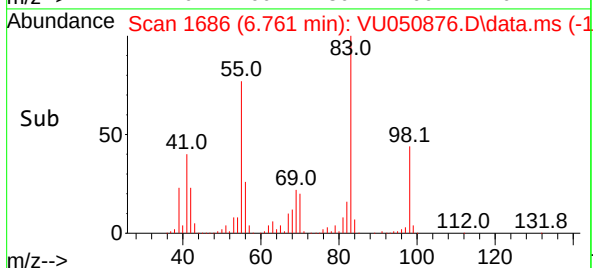
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/26/2022

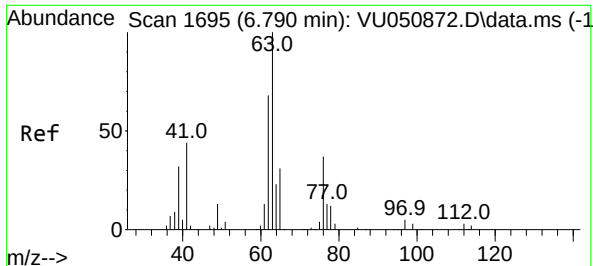


#35
Methylcyclohexane
Concen: 73.216 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24



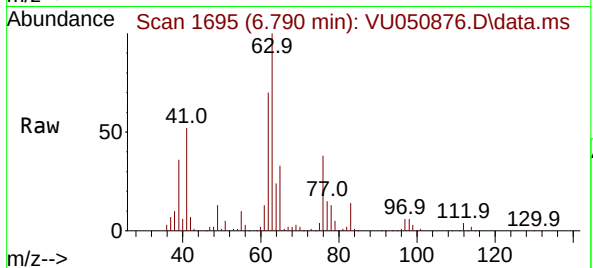
Tgt Ion: 83 Resp: 421298
Ion Ratio Lower Upper
83 100
55 78.3 64.7 97.1
98 44.5 35.2 52.8





#37
1,2-Dichloropropane
Concen: 70.401 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

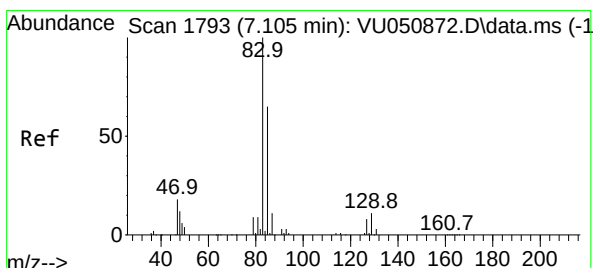
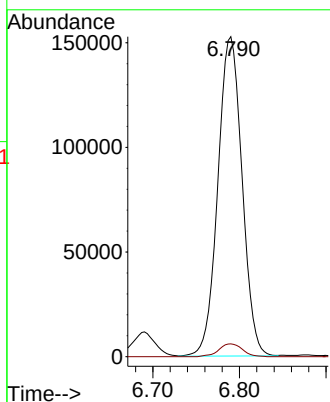
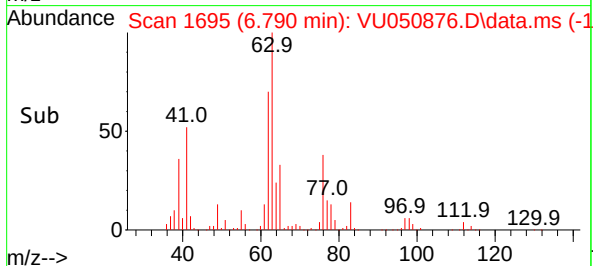
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MS



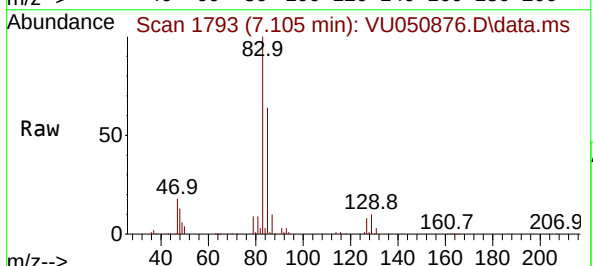
Tgt Ion: 63 Resp: 296170
Ion Ratio Lower Upper
63 100
112 3.9 2.9 4.3

Manual Integrations
APPROVED

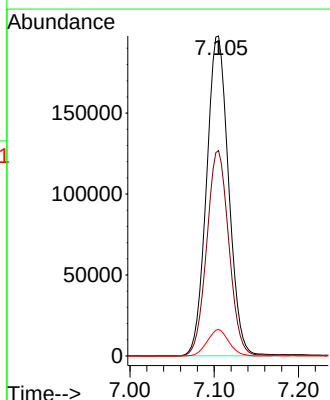
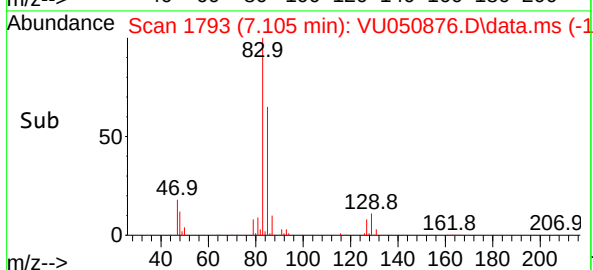
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/26/2022

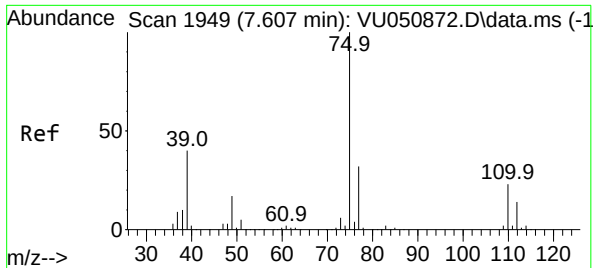


#38
Bromodichloromethane
Concen: 71.806 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24



Tgt Ion: 83 Resp: 359916
Ion Ratio Lower Upper
83 100
85 64.2 44.3 82.3
127 8.3 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 71.650 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050876.D

Acq: 21 Sep 2022 12:24

Instrument :

MSVOA_U

ClientSampleId :

EXZ25MS

Tgt Ion: 75 Resp: 403368

Ion Ratio Lower Upper

75 100

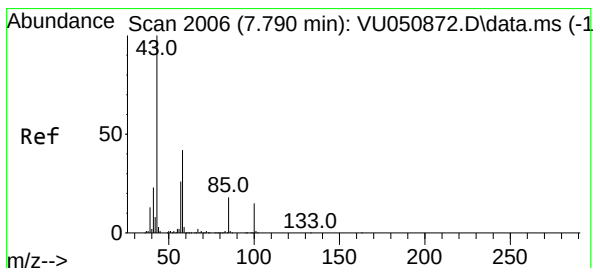
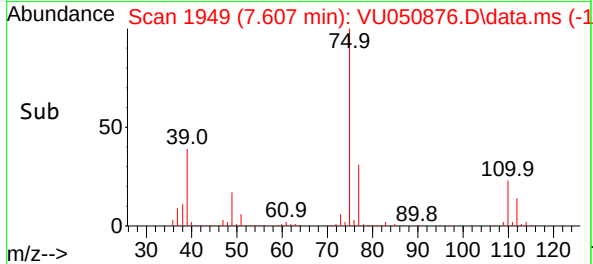
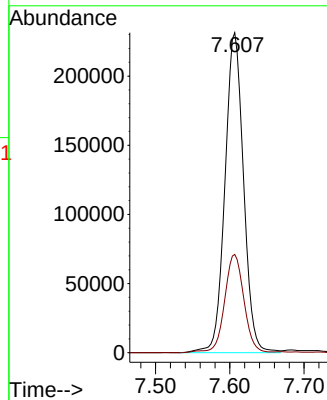
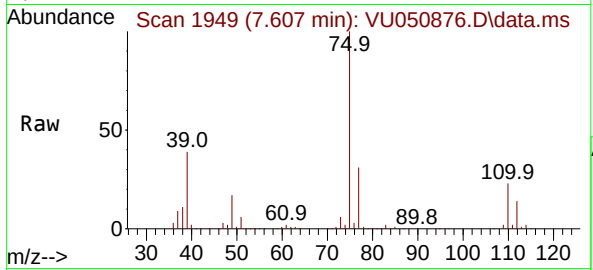
77 30.7 22.8 42.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/23/2022

Supervised By :Mahesh Dadoda 09/26/2022



#40

4-Methyl-2-pentanone

Concen: 159.235 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU050876.D

Acq: 21 Sep 2022 12:24

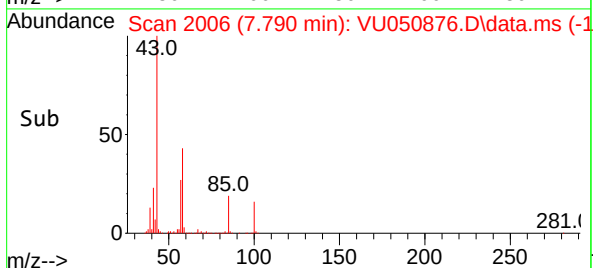
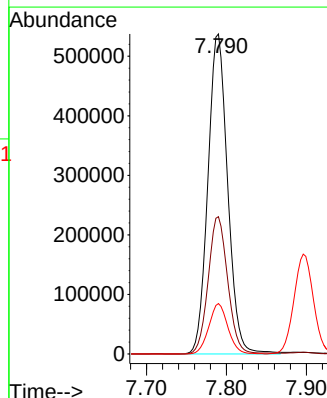
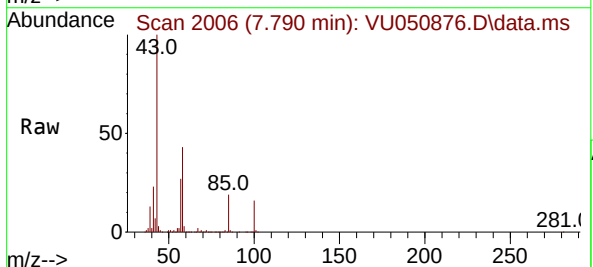
Tgt Ion: 43 Resp: 923219

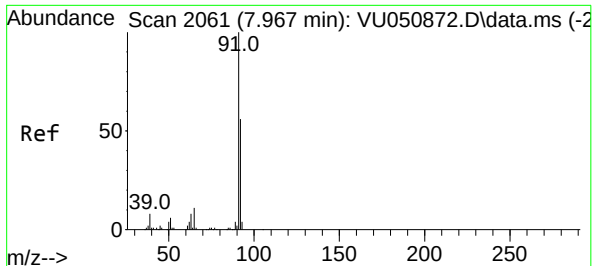
Ion Ratio Lower Upper

43 100

58 42.7 33.8 50.6

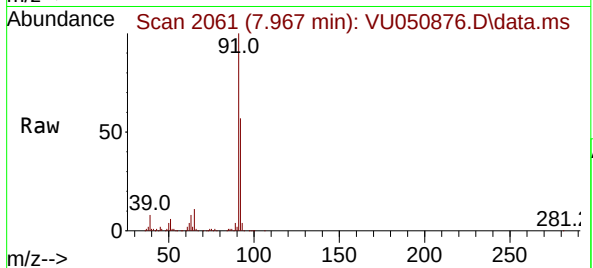
100 15.2 12.0 18.0





#42
Toluene
Concen: 73.836 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

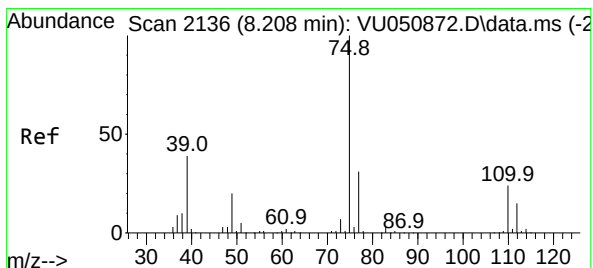
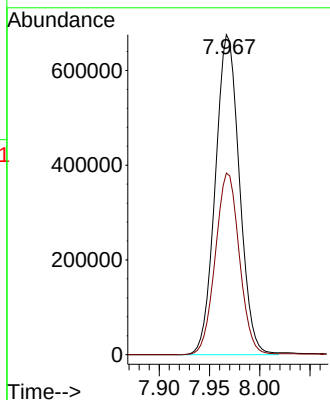
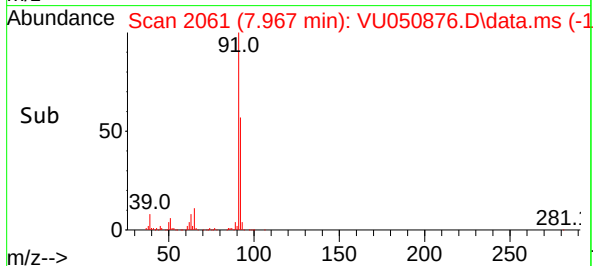
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MS



Tgt Ion: 91 Resp: 112689
Ion Ratio Lower Upper
91 100
92 56.8 39.1 72.5

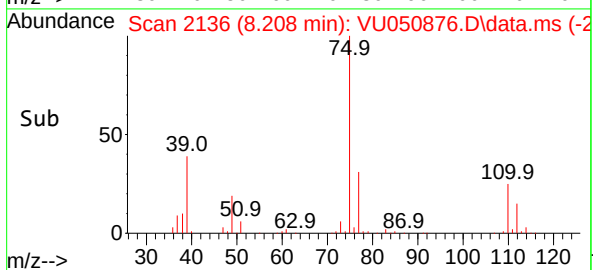
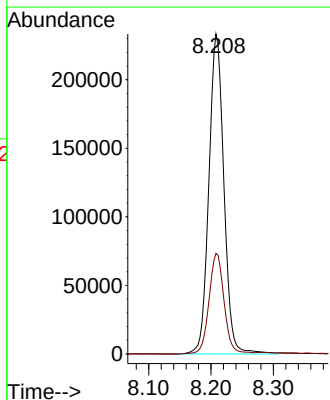
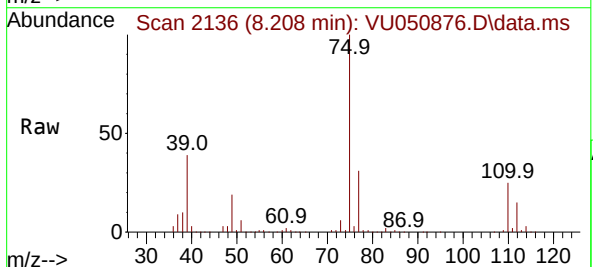
Manual Integrations
APPROVED

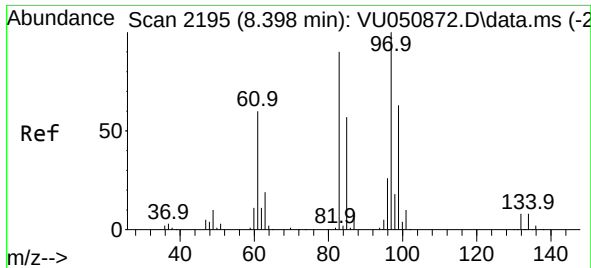
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/26/2022



#44
trans-1,3-Dichloropropene
Concen: 73.119 ug/L
RT: 8.208 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

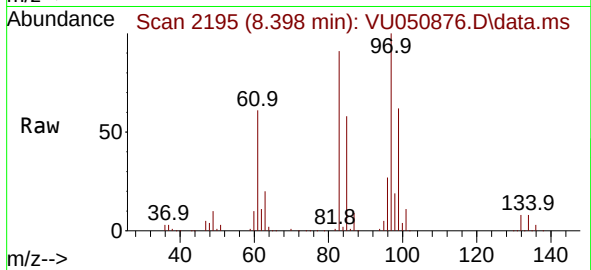
Tgt Ion: 75 Resp: 391581
Ion Ratio Lower Upper
75 100
77 31.5 21.9 40.7





#45
1,1,2-Trichloroethane
Concen: 71.761 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

Instrument :
MSVOA_U
ClientSampleId :
EXZ25MS

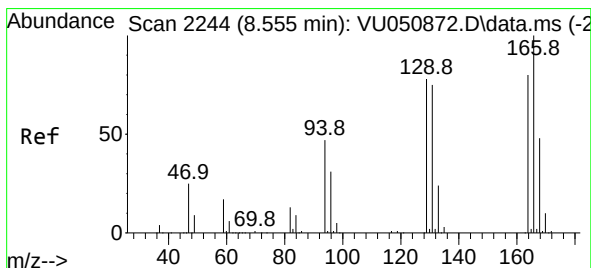
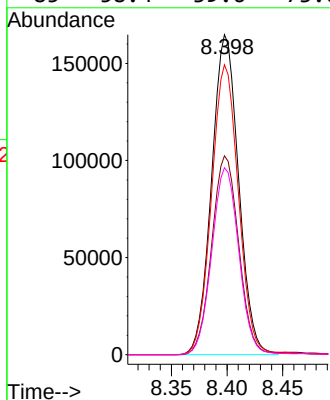
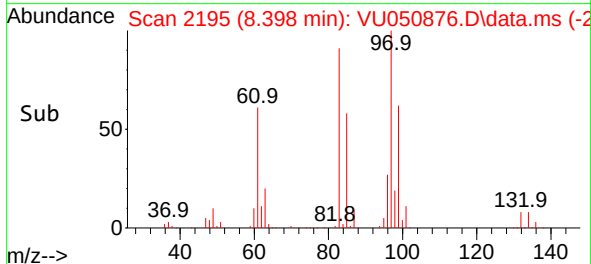


Tgt Ion: 97 Resp: 27821

Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.8	81.4
83	90.6	62.6	116.3
85	58.4	39.6	73.6

Manual Integrations
APPROVED

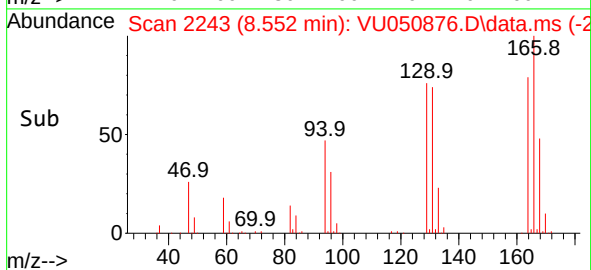
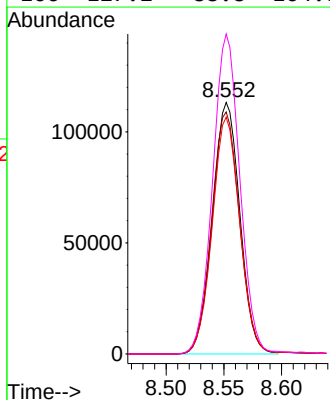
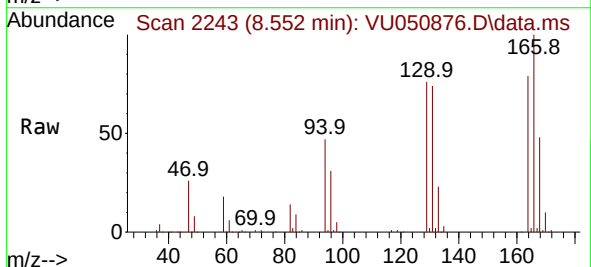
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/26/2022

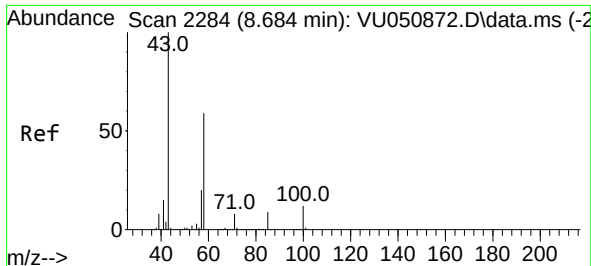


#46
Tetrachloroethene
Concen: 72.928 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

Tgt Ion:164 Resp: 187158

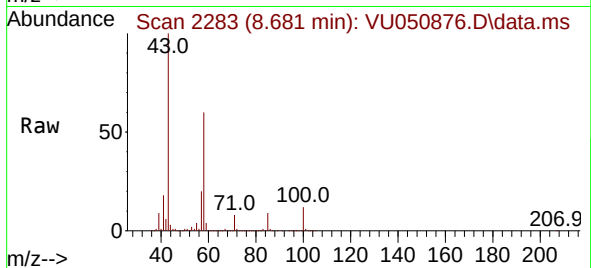
Ion	Ratio	Lower	Upper
164	100		
129	96.3	68.5	127.3
131	94.1	66.1	122.7
166	127.2	88.8	164.8





#48
2-Hexanone
Concen: 156.107 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

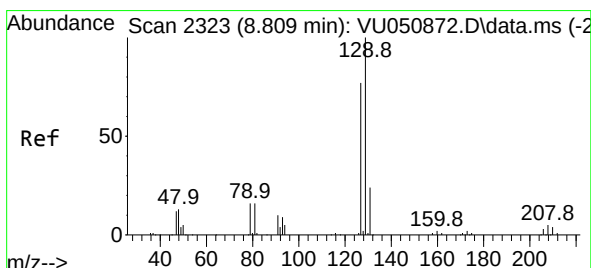
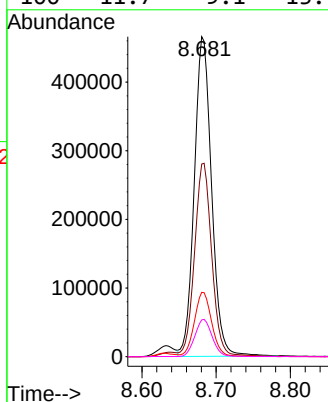
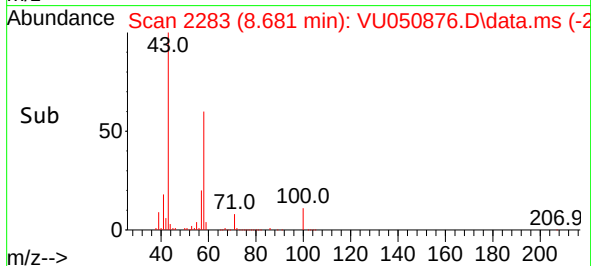
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MS



Tgt Ion: 43 Resp: 75628
Ion Ratio Lower Upper
43 100
58 59.6 47.2 70.8
57 20.2 16.2 24.4
100 11.7 9.1 13.7

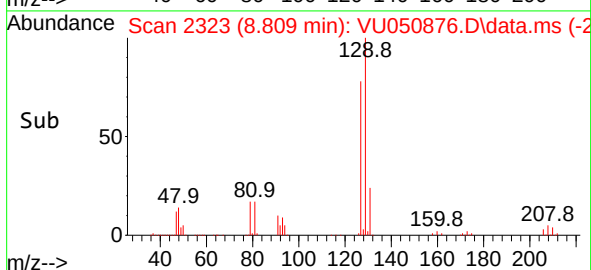
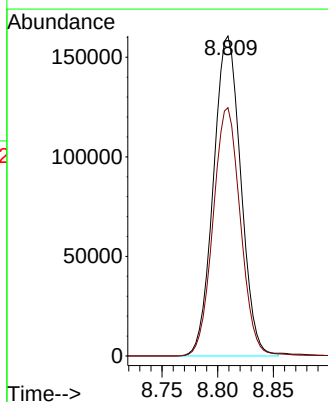
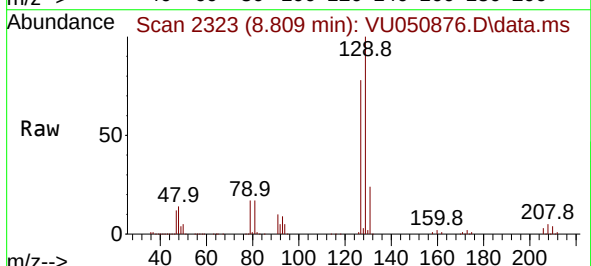
Manual Integrations
APPROVED

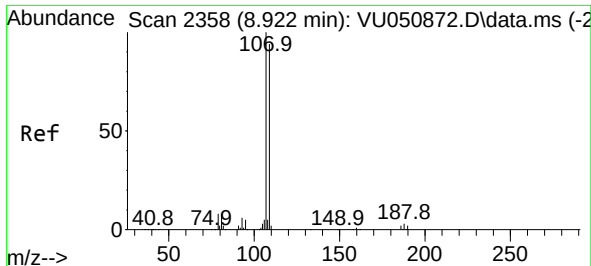
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/26/2022



#49
Dibromochloromethane
Concen: 72.331 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

Tgt Ion:129 Resp: 274958
Ion Ratio Lower Upper
129 100
127 77.6 54.5 101.1





#50

1,2-Dibromoethane

Concen: 73.266 ug/L

RT: 8.922 min Scan# 2358

Delta R.T. 0.000 min

Lab File: VU050876.D

Acq: 21 Sep 2022 12:24

Instrument :

MSVOA_U

ClientSampleId :

EXZ25MS

Tgt Ion:107 Resp: 294708

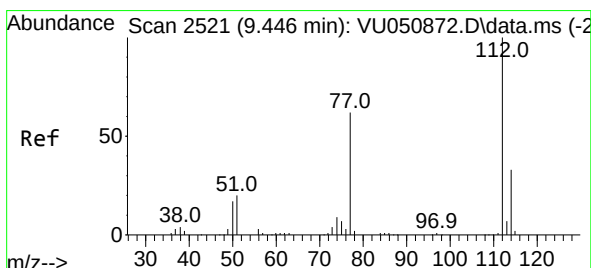
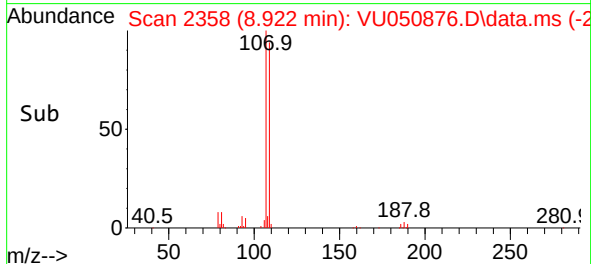
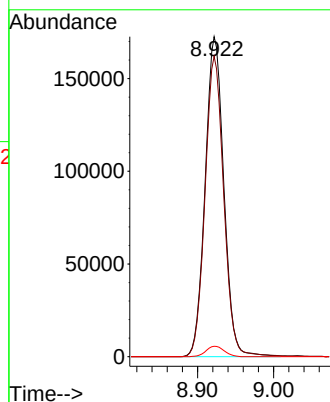
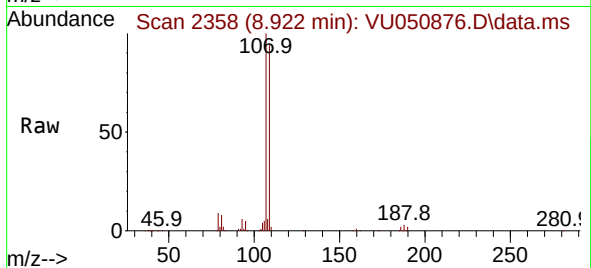
Ion	Ratio	Lower	Upper
107	100		
109	93.8	66.0	122.6
188	3.2	2.5	3.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/23/2022

Supervised By :Mahesh Dadoda 09/26/2022



#51

Chlorobenzene

Concen: 70.719 ug/L

RT: 9.446 min Scan# 2521

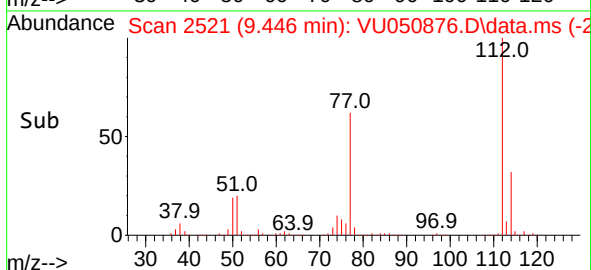
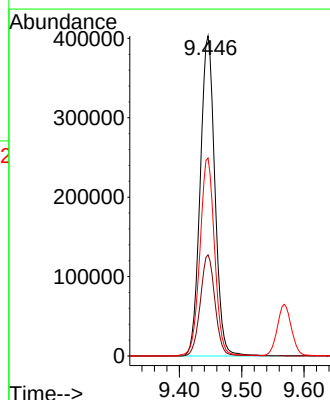
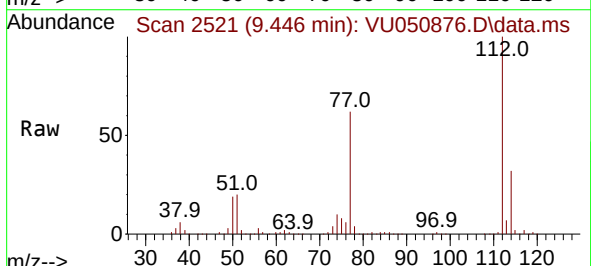
Delta R.T. 0.000 min

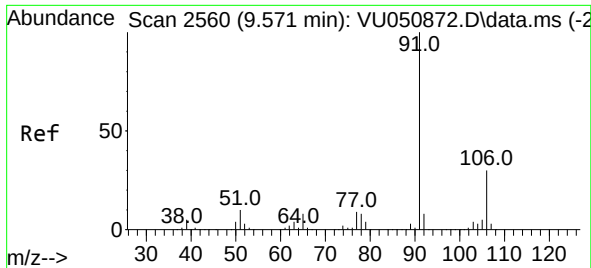
Lab File: VU050876.D

Acq: 21 Sep 2022 12:24

Tgt Ion:112 Resp: 658930

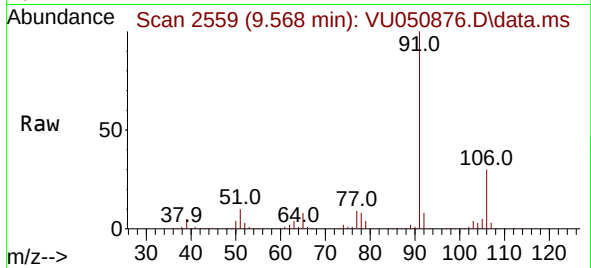
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.3	41.3
77	61.8	49.8	74.8





#52
Ethylbenzene
Concen: 73.859 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

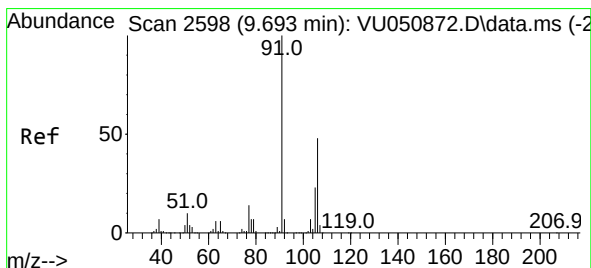
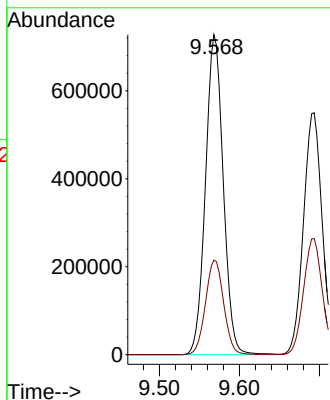
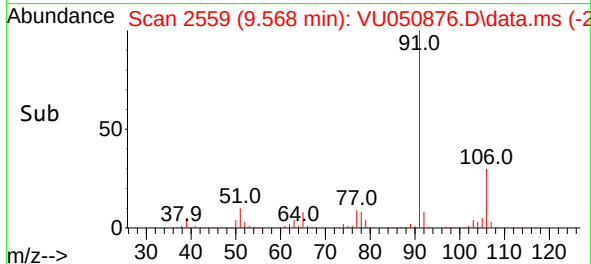
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MS



Tgt Ion: 91 Resp: 112455
Ion Ratio Lower Upper
91 100
106 29.6 21.0 39.0

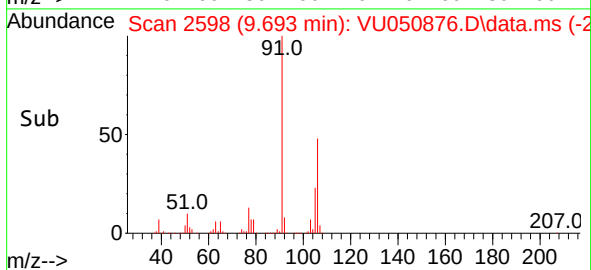
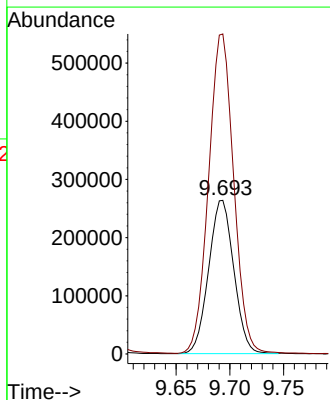
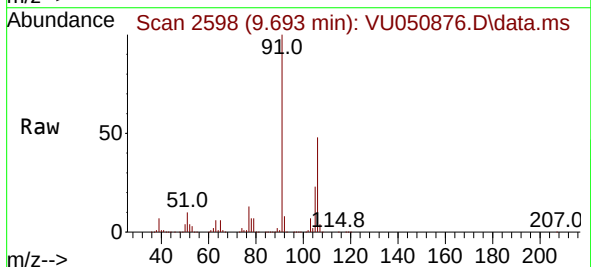
Manual Integrations
APPROVED

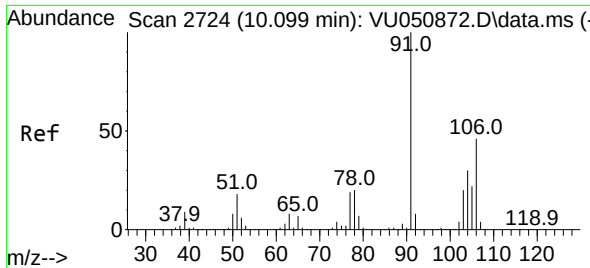
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/26/2022



#53
m,p-Xylene
Concen: 75.801 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

Tgt Ion:106 Resp: 429083
Ion Ratio Lower Upper
106 100
91 208.3 144.0 267.4





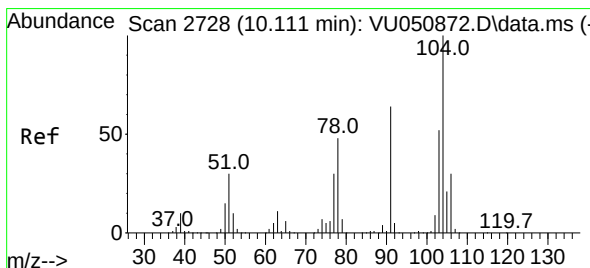
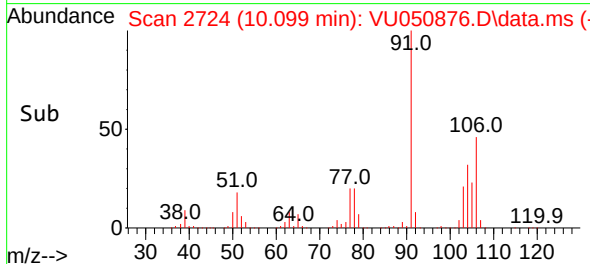
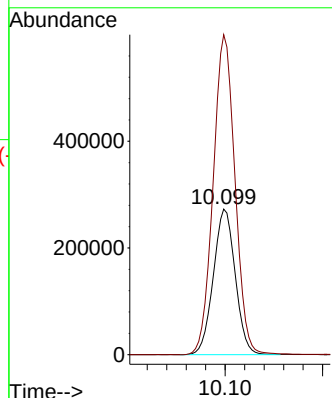
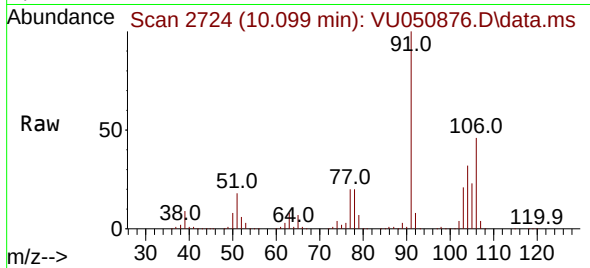
#54
o-Xylene
Concen: 75.536 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

Instrument :
MSVOA_U
ClientSampleId :
EXZ25MS

Tgt Ion:106 Resp: 426030
Ion Ratio Lower Upper
106 100
91 219.7 154.6 287.0

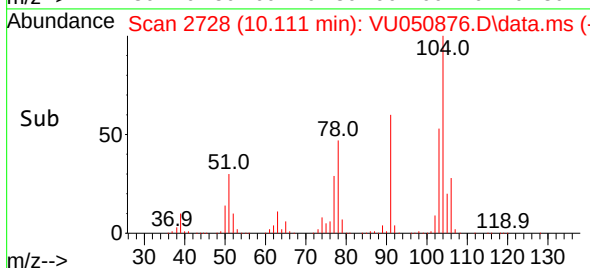
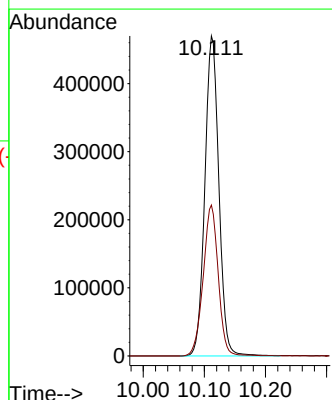
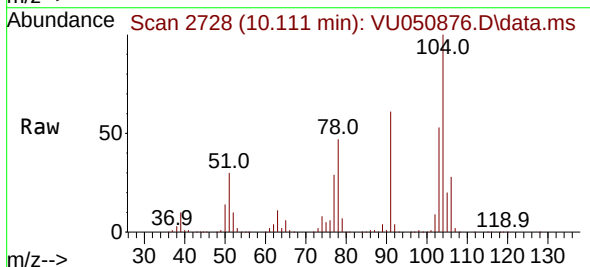
Manual Integrations
APPROVED

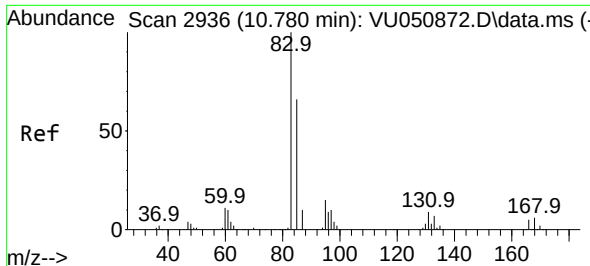
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/26/2022



#55
Styrene
Concen: 77.430 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

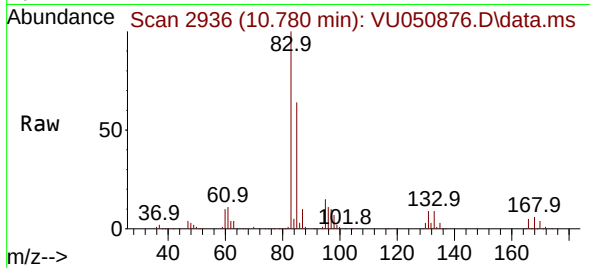
Tgt Ion:104 Resp: 748744
Ion Ratio Lower Upper
104 100
78 47.2 32.4 60.2





#57
1,1,2,2-Tetrachloroethane
Concen: 69.548 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

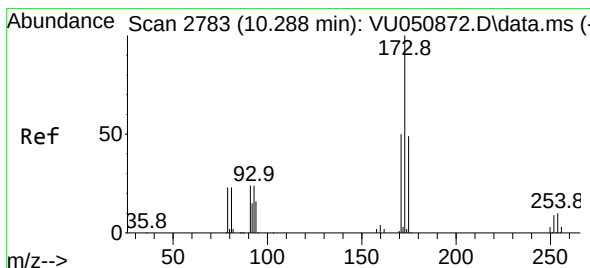
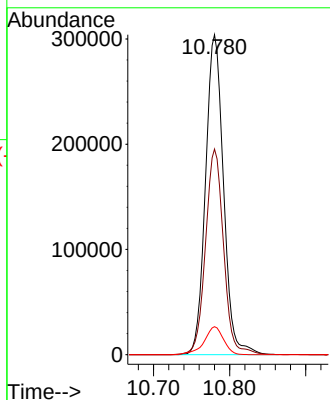
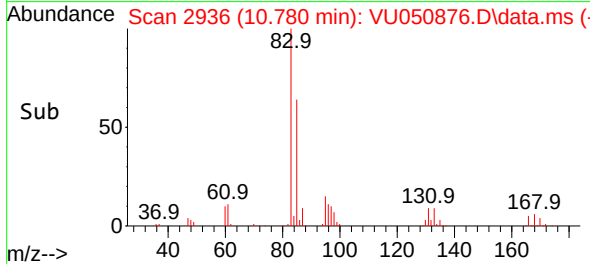
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MS



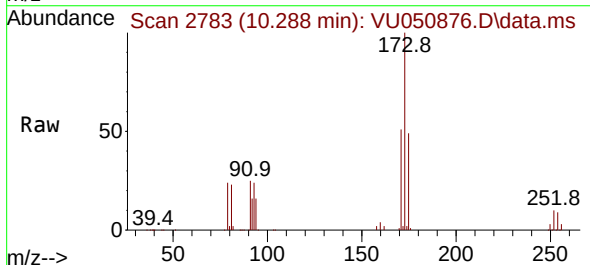
Tgt Ion: 83 Resp: 498920
Ion Ratio Lower Upper
83 100
85 64.2 45.1 83.9
131 8.8 7.1 10.7

Manual Integrations
APPROVED

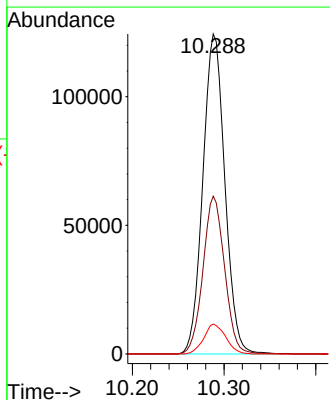
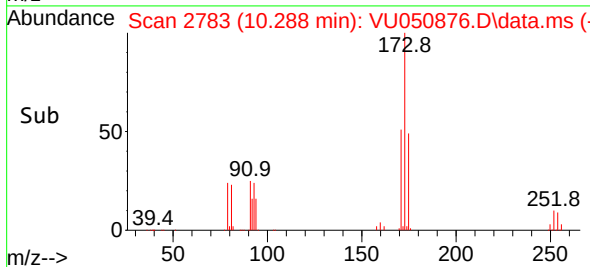
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/26/2022

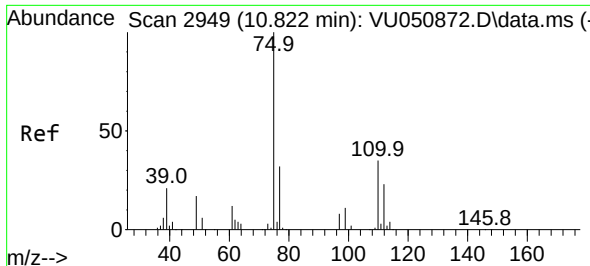


#59
Bromoform
Concen: 79.432 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24



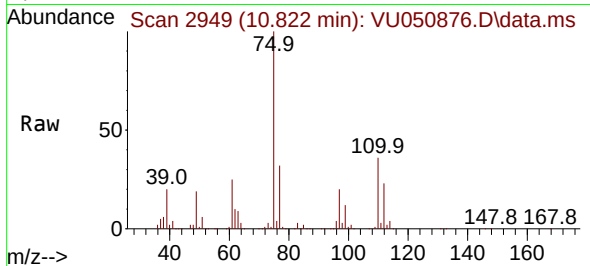
Tgt Ion:173 Resp: 207438
Ion Ratio Lower Upper
173 100
175 48.3 37.8 56.8
254 9.3 7.1 10.7





#60
1,2,3-Trichloropropane
Concen: 78.694 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

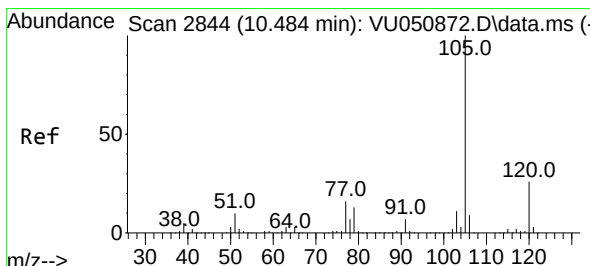
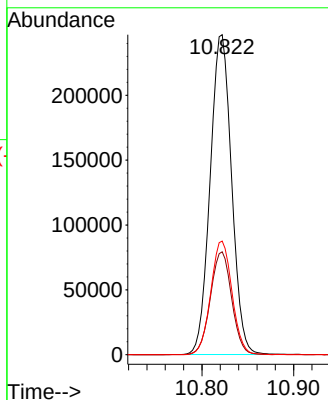
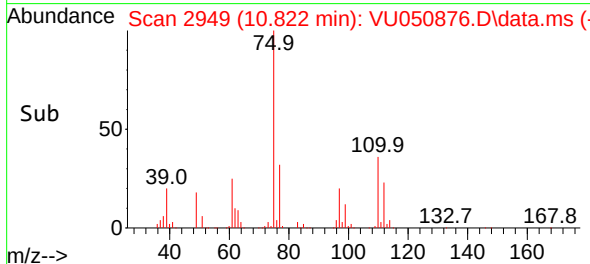
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MS



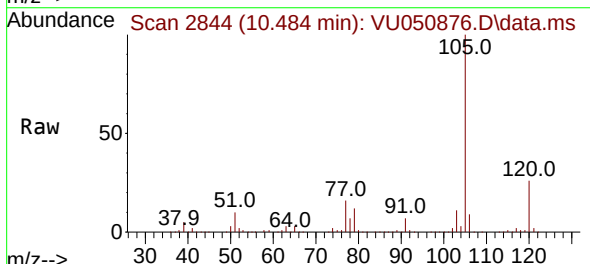
Tgt Ion: 75 Resp: 400495
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.4
110 35.3 28.6 43.0

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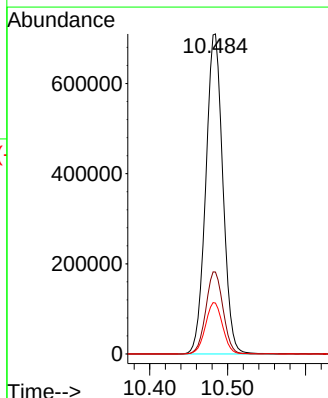
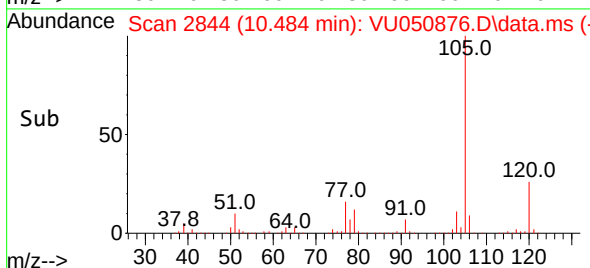
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/26/2022

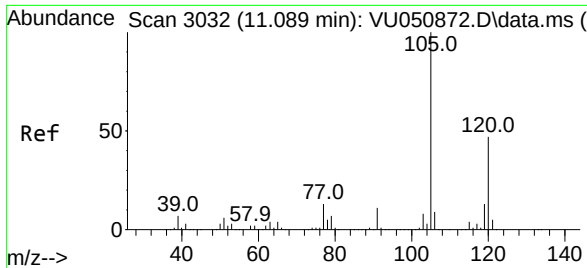


#61
Isopropylbenzene
Concen: 83.438 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24



Tgt Ion:105 Resp: 1078895
Ion Ratio Lower Upper
105 100
120 26.0 20.5 30.7
77 16.2 12.9 19.3





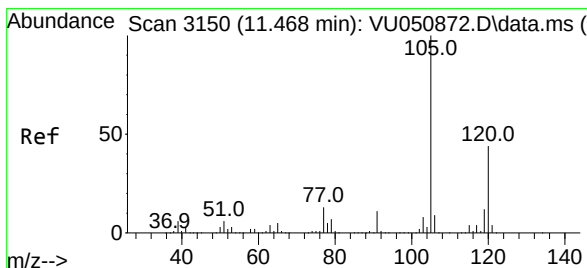
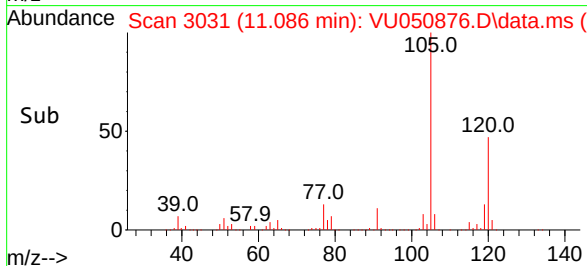
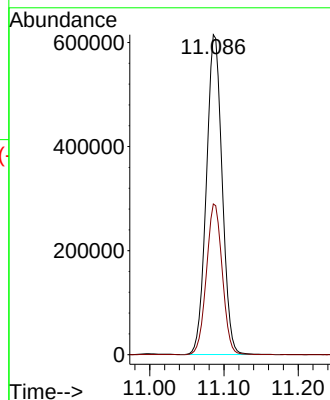
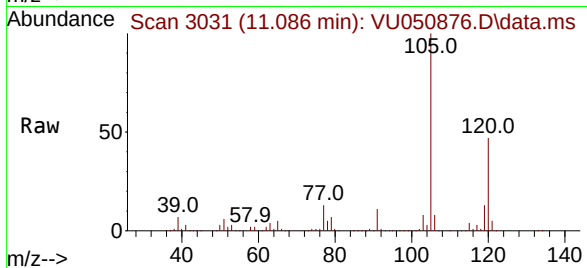
#62
1,3,5-Trimethylbenzene
Concen: 85.126 ug/L
RT: 11.086 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

Instrument :
MSVOA_U
ClientSampleId :
EXZ25MS

Tgt Ion:105 Resp: 904849
Ion Ratio Lower Upper
105 100
120 47.4 37.9 56.9

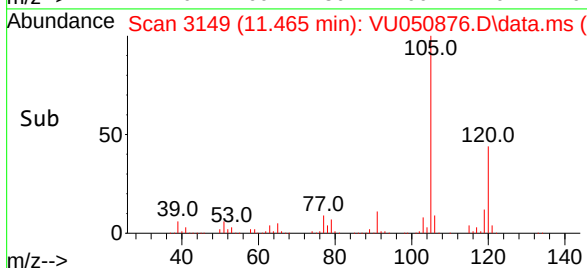
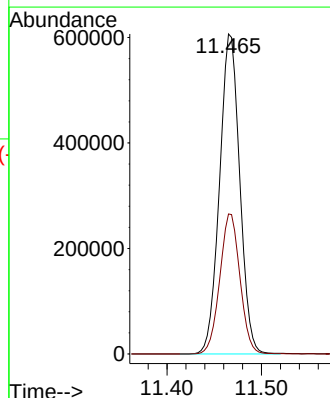
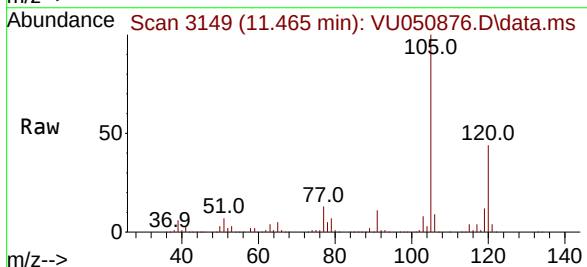
Manual Integrations
APPROVED

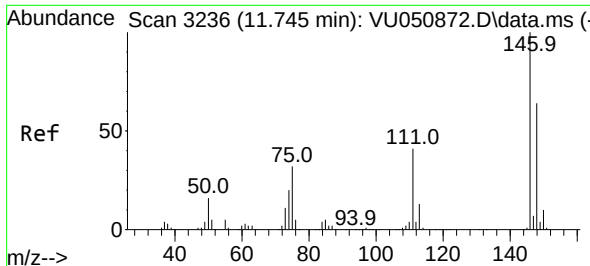
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/26/2022



#63
1,2,4-Trimethylbenzene
Concen: 85.460 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

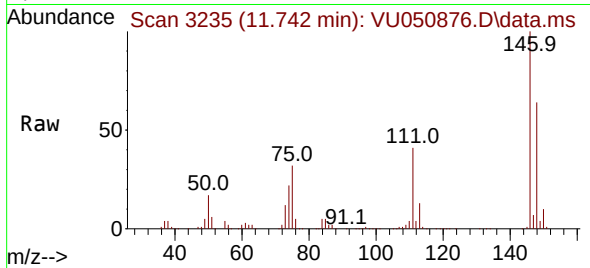
Tgt Ion:105 Resp: 899605
Ion Ratio Lower Upper
105 100
120 43.8 34.9 52.3





#64
1,3-Dichlorobenzene
Concen: 77.949 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. -0.003 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

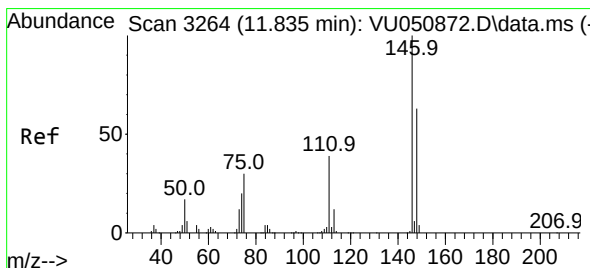
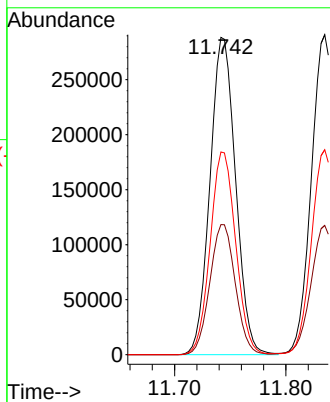
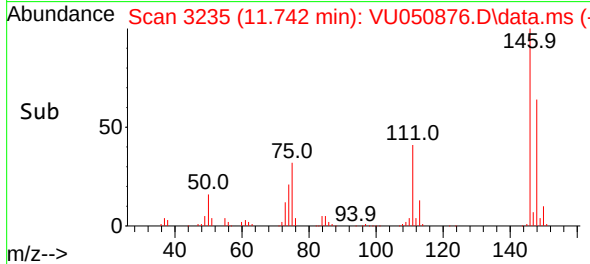
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MS



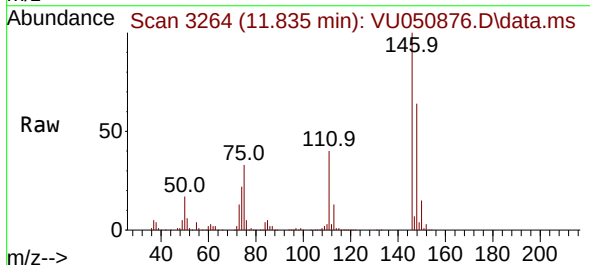
Tgt Ion:146 Resp: 460919
Ion Ratio Lower Upper
146 100
111 41.0 27.9 51.7
148 63.9 44.4 82.5

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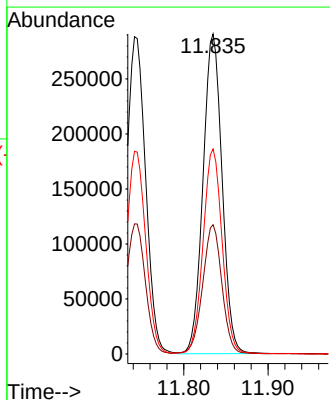
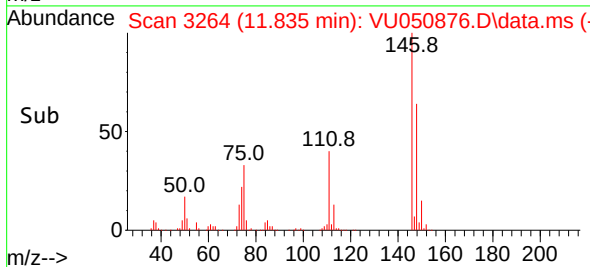
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/26/2022

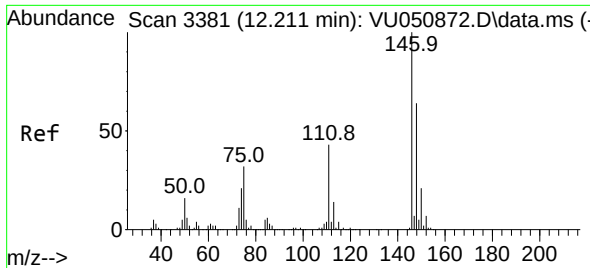


#65
1,4-Dichlorobenzene
Concen: 76.229 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24



Tgt Ion:146 Resp: 457608
Ion Ratio Lower Upper
146 100
111 40.4 27.5 51.1
148 64.0 45.4 84.2





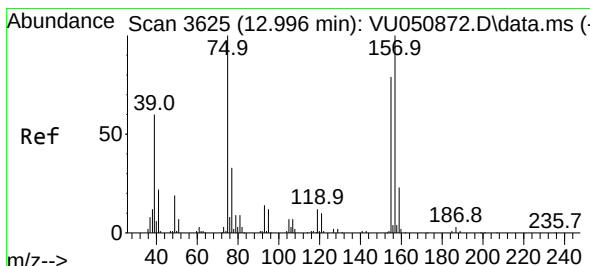
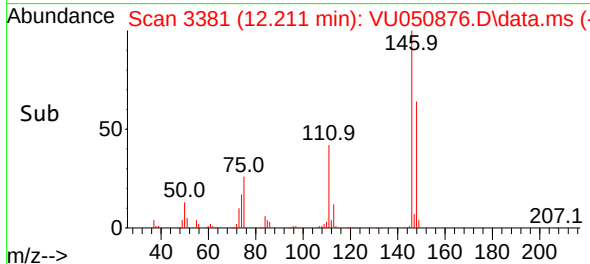
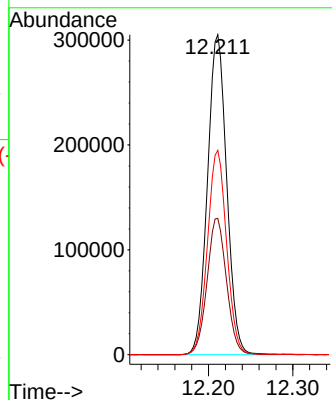
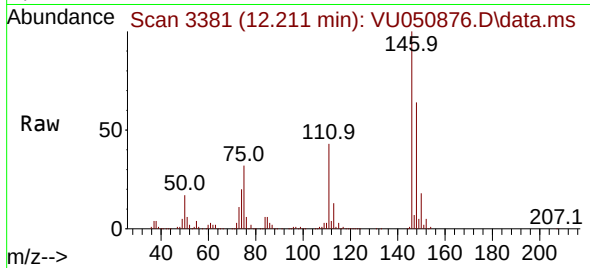
#67
1,2-Dichlorobenzene
Concen: 77.359 ug/L
RT: 12.211 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

Instrument :
MSVOA_U
ClientSampleId :
EXZ25MS

Tgt Ion:146 Resp: 484344
Ion Ratio Lower Upper
146 100
111 42.6 35.2 52.8
148 63.9 52.0 78.0

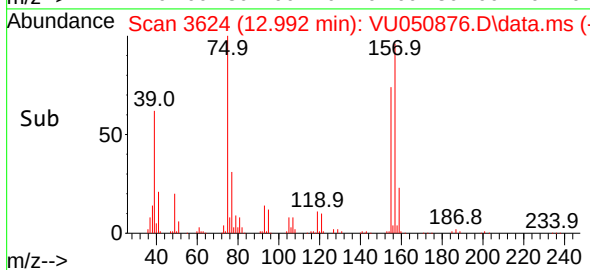
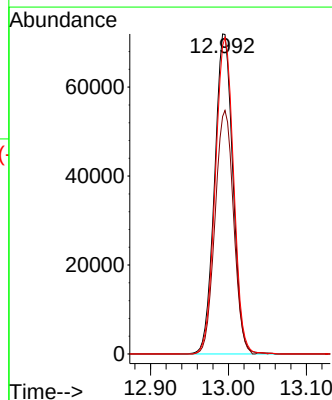
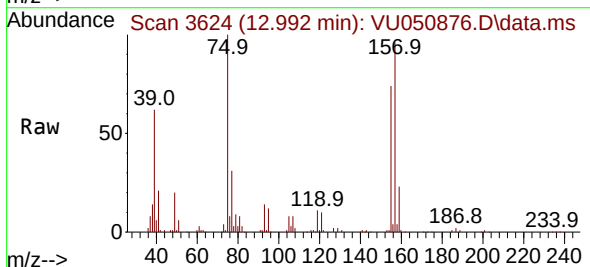
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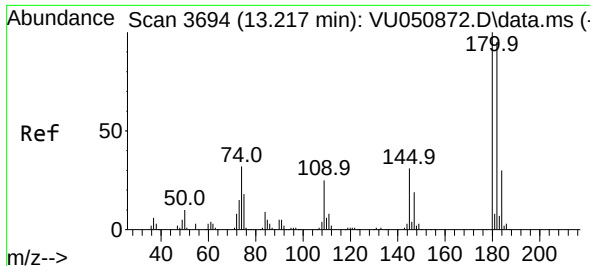
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/26/2022



#68
1,2-Dibromo-3-chloropropane
Concen: 84.020 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. -0.003 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

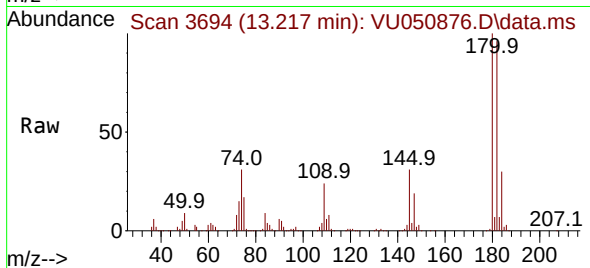
Tgt Ion: 75 Resp: 117607
Ion Ratio Lower Upper
75 100
155 74.2 63.8 95.8
157 96.2 81.8 122.8





#69
1,3,5-Trichlorobenzene
Concen: 74.679 ug/L
RT: 13.217 min Scan# 30895
Delta R.T. 0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

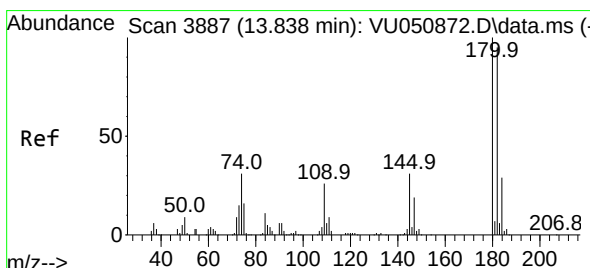
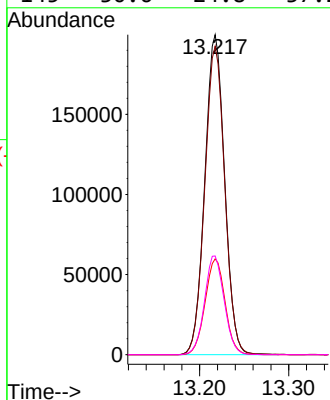
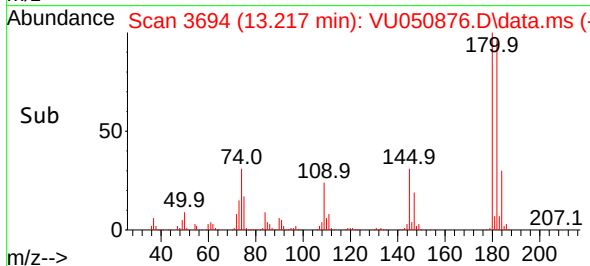
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MS



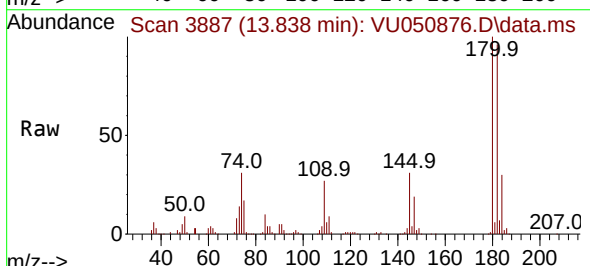
Tgt Ion:180 Resp: 30895
Ion Ratio Lower Upper
180 100
182 96.7 78.2 117.2
184 30.1 24.8 37.2
145 30.6 24.8 37.2

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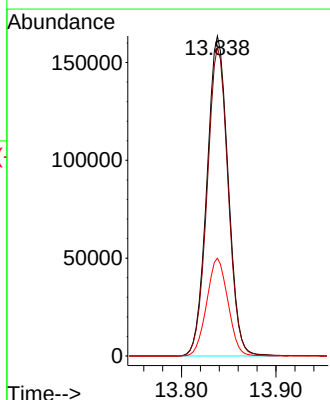
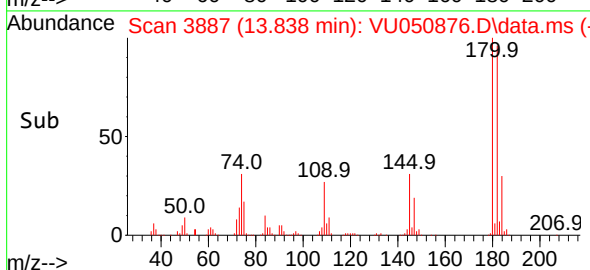
Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/26/2022

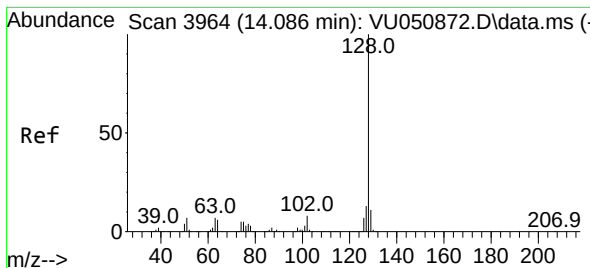


#70
1,2,4-trichlorobenzene
Concen: 75.470 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24



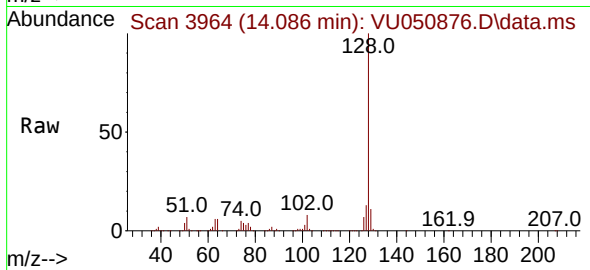
Tgt Ion:180 Resp: 255515
Ion Ratio Lower Upper
180 100
182 95.1 76.2 114.2
145 30.4 25.1 37.7





#71
Naphthalene
Concen: 84.089 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

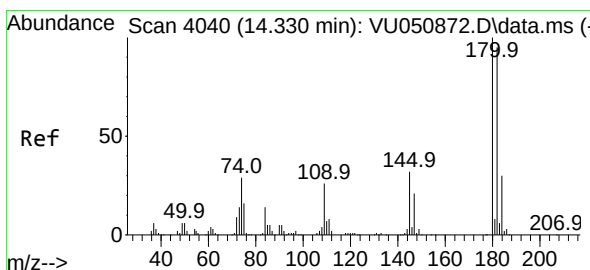
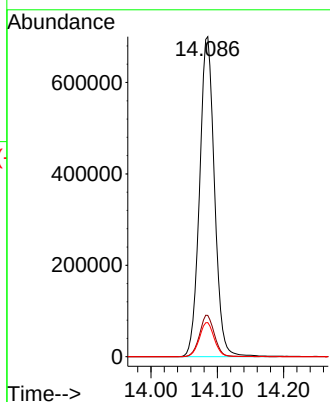
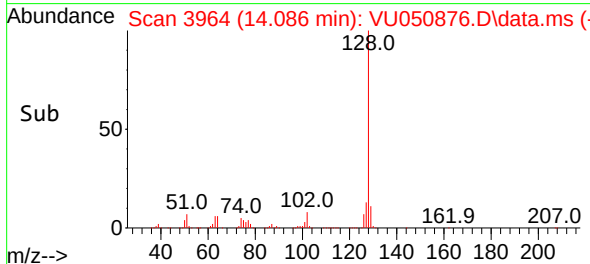
Instrument :
MSVOA_U
ClientSampleId :
EXZ25MS



Tgt Ion:128 Resp: 109415
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.7 8.5 12.7

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Reviewed By :Krupa Patel 09/23/2022
Supervised By :Mahesh Dadoda 09/26/2022



#72
1,2,3-Trichlorobenzene
Concen: 78.467 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.003 min
Lab File: VU050876.D
Acq: 21 Sep 2022 12:24

Tgt Ion:180 Resp: 297329
Ion Ratio Lower Upper
180 100
182 97.2 76.9 115.3
145 32.3 26.3 39.5

