

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011923\
 Data File : VU052743.D
 Acq On : 19 Jan 2023 18:20
 Operator : JC/MD
 Sample : VU0119WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0119WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/20/2023
 Supervised By : Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 01:12:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 20 01:04:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	214012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	356142	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	327937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	170600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	153784	49.895	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.780%		
35) Dibromofluoromethane	5.285	113	123707	49.884	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.760%		
50) Toluene-d8	7.893	98	459356	49.393	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.780%		
62) 4-Bromofluorobenzene	10.629	95	166272	48.944	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	48972	19.406	ug/l	96
3) Chloromethane	1.520	50	50491	19.478	ug/l	99
4) Vinyl Chloride	1.604	62	51500	19.920	ug/l	99
5) Bromomethane	1.858	94	26296	20.603	ug/l	100
6) Chloroethane	1.932	64	32066	19.621	ug/l	96
7) Trichlorofluoromethane	2.134	101	78070	19.614	ug/l	98
8) Diethyl Ether	2.375	74	29491	20.354	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.578	101	45597	19.810	ug/l	97
10) Methyl Iodide	2.719	142	40282	22.255	ug/l	99
11) Tert butyl alcohol	3.263	59	53615m	102.091	ug/l	
12) 1,1-Dichloroethene	2.578	96	44755	19.660	ug/l	97
13) Acrolein	2.488	56	47800	96.569	ug/l	100
14) Allyl chloride	2.922	41	73835	20.592	ug/l	99
15) Acrylonitrile	3.314	53	147621	101.874	ug/l	99
16) Acetone	2.639	43	147302	100.277	ug/l	98
17) Carbon Disulfide	2.790	76	130535	19.138	ug/l	100
18) Methyl Acetate	2.948	43	82055	20.183	ug/l	99
19) Methyl tert-butyl Ether	3.359	73	156597	20.305	ug/l	99
20) Methylene Chloride	3.044	84	54704	19.866	ug/l	99
21) trans-1,2-Dichloroethene	3.349	96	49029	19.980	ug/l	95
22) Diisopropyl ether	3.986	45	156573	20.998	ug/l	93
23) Vinyl Acetate	3.948	43	594700	103.942	ug/l	100
24) 1,1-Dichloroethane	3.864	63	93881	19.851	ug/l	100
25) 2-Butanone	4.703	43	195941	103.427	ug/l	100
26) 2,2-Dichloropropane	4.658	77	76658	19.759	ug/l	98
27) cis-1,2-Dichloroethene	4.661	96	57161	21.220	ug/l	100
28) Bromochloromethane	4.970	49	41273	20.908	ug/l	98
29) Tetrahydrofuran	5.054	42	116414	105.854	ug/l	99
30) Chloroform	5.083	83	97030	19.194	ug/l	99
31) Cyclohexane	5.382	56	87031	20.152	ug/l	98
32) 1,1,1-Trichloroethane	5.311	97	83893	20.261	ug/l	99
36) 1,1-Dichloropropene	5.523	75	69484	19.528	ug/l	99
37) Ethyl Acetate	4.800	43	71369	18.452	ug/l	97
38) Carbon Tetrachloride	5.520	117	71811	19.617	ug/l	99
39) Methylcyclohexane	6.761	83	81037	19.572	ug/l	97
40) Benzene	5.771	78	210818	19.622	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	37798	20.200	ug/l	98
42) 1,2-Dichloroethane	5.790	62	78030	20.114	ug/l	99
43) Isopropyl Acetate	5.906	43	107075	19.861	ug/l	99
44) Trichloroethene	6.539	130	52147	19.623	ug/l	99
45) 1,2-Dichloropropane	6.787	63	54530	19.678	ug/l	99
46) Dibromomethane	6.912	93	37474	19.527	ug/l	99
47) Bromodichloromethane	7.102	83	73730	19.200	ug/l	100
48) Methyl methacrylate	6.957	41	51738	21.060	ug/l	95
49) 1,4-Dioxane	7.025	88	20426	429.085	ug/l	97
51) 4-Methyl-2-Pentanone	7.790	43	357590	102.482	ug/l	99
52) Toluene	7.963	92	132038	20.321	ug/l	98
53) t-1,3-Dichloropropene	8.205	75	78448	19.557	ug/l	100
54) cis-1,3-Dichloropropene	7.603	75	83608	19.543	ug/l	100
55) 1,1,2-Trichloroethane	8.394	97	51118	19.273	ug/l	95
56) Ethyl methacrylate	8.330	69	76430	19.435	ug/l	99
57) 1,3-Dichloropropane	8.571	76	93787	20.166	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	8413	74.192	ug/l	98
59) 2-Hexanone	8.684	43	278724	103.691	ug/l	100
60) Dibromochloromethane	8.806	129	56181	19.289	ug/l	100
61) 1,2-Dibromoethane	8.918	107	55969	20.100	ug/l	100
64) Tetrachloroethene	8.549	164	44918	19.716	ug/l	98
65) Chlorobenzene	9.443	112	136883	19.726	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.529	131	50476	19.404	ug/l	98
67) Ethyl Benzene	9.565	91	237111	20.219	ug/l	99
68) m/p-Xylenes	9.690	106	188031	41.285	ug/l	100
69) o-Xylene	10.095	106	90195	20.744	ug/l	97
70) Styrene	10.111	104	148749	19.579	ug/l	99
71) Bromoform	10.285	173	42338	19.488	ug/l #	99
73) Isopropylbenzene	10.481	105	235657	20.968	ug/l	98
74) N-amyl acetate	10.317	43	89791	20.971	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.777	83	87292	19.604	ug/l	100
76) 1,2,3-Trichloropropane	10.819	75	92551	19.880	ug/l	97
77) Bromobenzene	10.777	156	57741	19.865	ug/l	99
78) n-propylbenzene	10.902	91	277799	21.017	ug/l	100
79) 2-Chlorotoluene	10.983	91	169357	20.734	ug/l	100
80) 1,3,5-Trimethylbenzene	11.082	105	198800	21.292	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.542	75	22834	19.059	ug/l	96
82) 4-Chlorotoluene	11.092	91	191420	20.561	ug/l	99
83) tert-Butylbenzene	11.417	119	197038	20.561	ug/l	99
84) 1,2,4-Trimethylbenzene	11.462	105	196631	21.218	ug/l	99
85) sec-Butylbenzene	11.639	105	248037	21.144	ug/l	99
86) p-Isopropyltoluene	11.790	119	208953	20.948	ug/l	99
87) 1,3-Dichlorobenzene	11.741	146	109513	19.765	ug/l	100
88) 1,4-Dichlorobenzene	11.831	146	111414	19.557	ug/l	99
89) n-Butylbenzene	12.204	91	166977	18.816	ug/l	99
90) Hexachloroethane	12.471	117	34891	18.232	ug/l	98
91) 1,2-Dichlorobenzene	12.208	146	109967	19.680	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.992	75	18077	19.565	ug/l	98
93) 1,2,4-Trichlorobenzene	13.835	180	62201	19.060	ug/l	98
94) Hexachlorobutadiene	14.018	225	34555	19.103	ug/l	98
95) Naphthalene	14.082	128	184491	18.673	ug/l	99
96) 1,2,3-Trichlorobenzene	14.323	180	64677	19.964	ug/l	99

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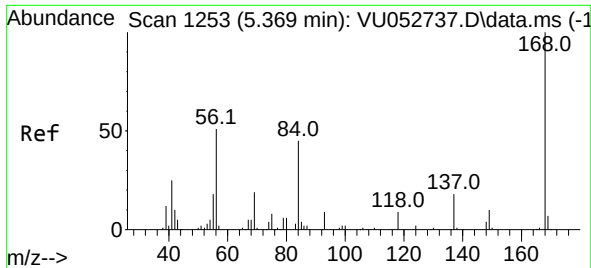
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Jan 20 01:04:16 2023
Response via : Initial Calibration

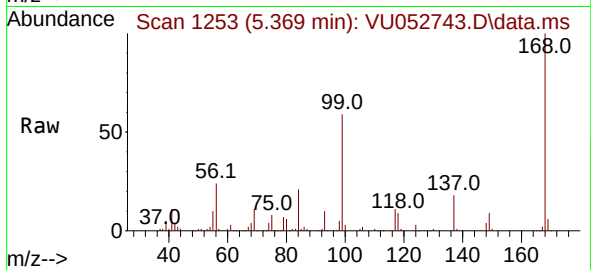
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
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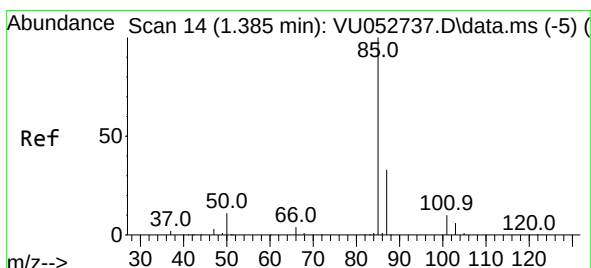
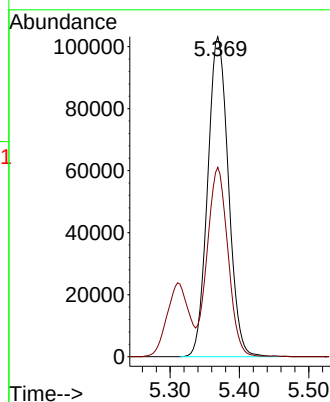
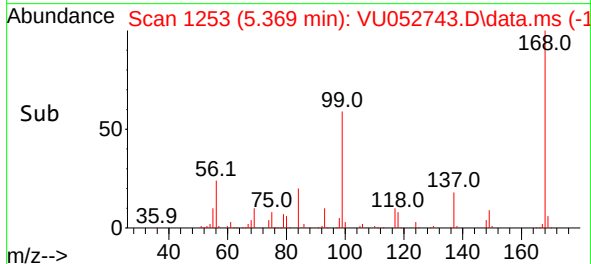
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01



Tgt Ion:168 Resp: 21401
Ion Ratio Lower Upper
168 100
99 59.1 46.4 69.6

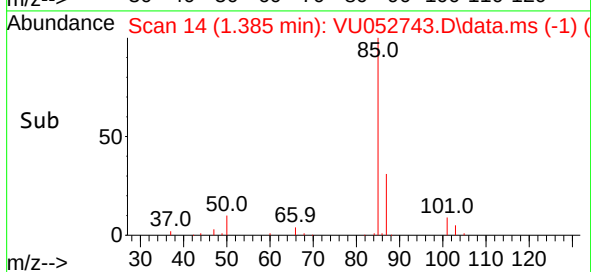
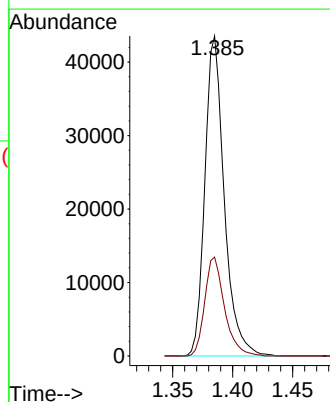
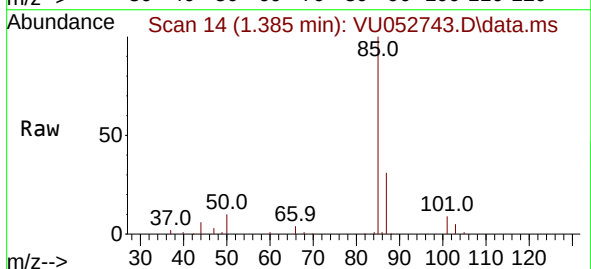
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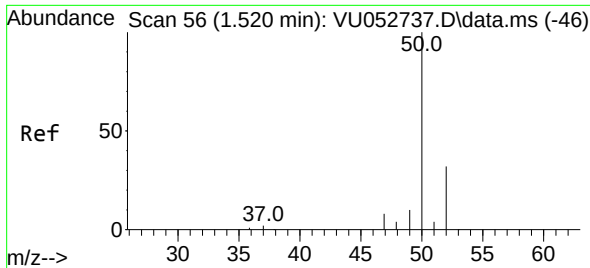
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#2
Dichlorodifluoromethane
Concen: 19.406 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 85 Resp: 48972
Ion Ratio Lower Upper
85 100
87 30.9 16.6 49.7





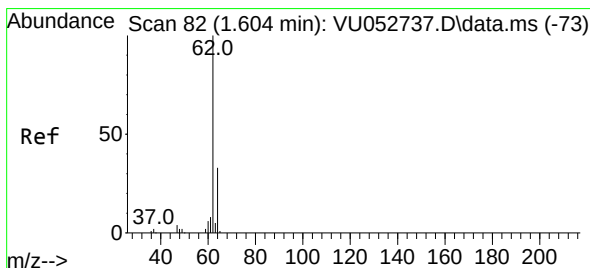
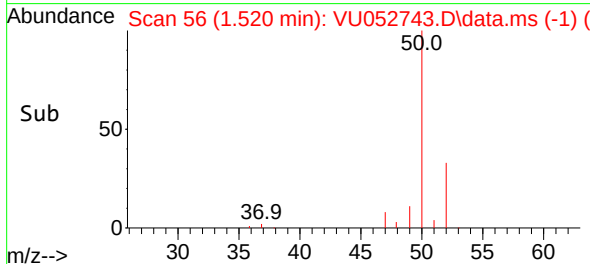
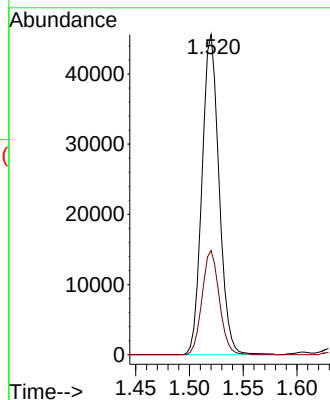
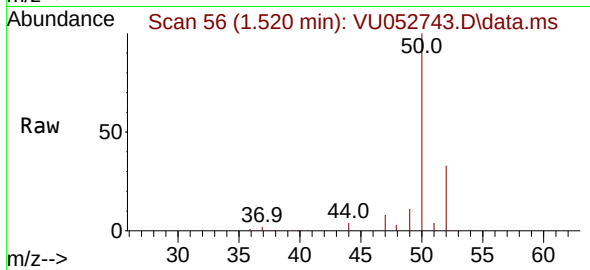
#3
Chloromethane
Concen: 19.478 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052743.D
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Instrument :
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Tgt Ion: 50 Resp: 5049
Ion Ratio Lower Upper
50 100
52 32.5 25.8 38.6

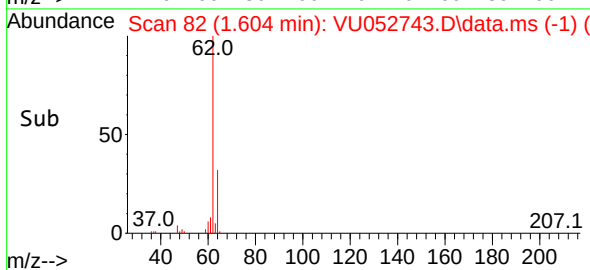
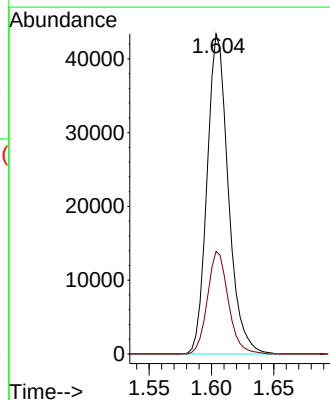
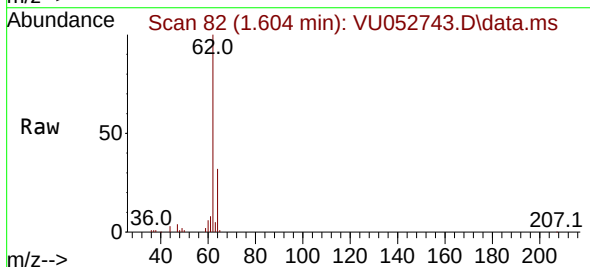
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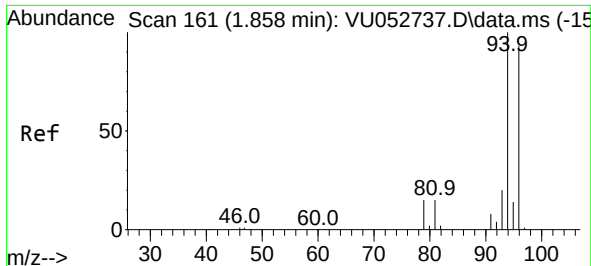
Reviewed By :John Carlone 01/20/2023
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#4
Vinyl Chloride
Concen: 19.920 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

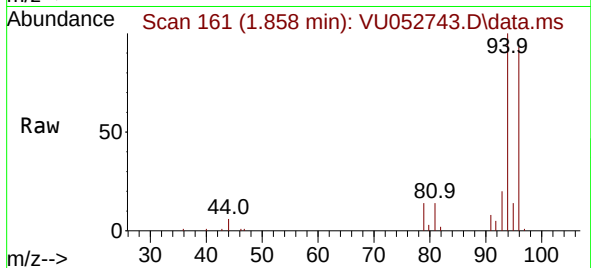
Tgt Ion: 62 Resp: 51500
Ion Ratio Lower Upper
62 100
64 32.0 26.1 39.1





#5
Bromomethane
Concen: 20.603 ug/l
RT: 1.858 min Scan# 161
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

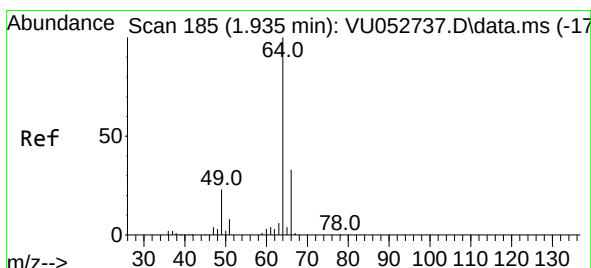
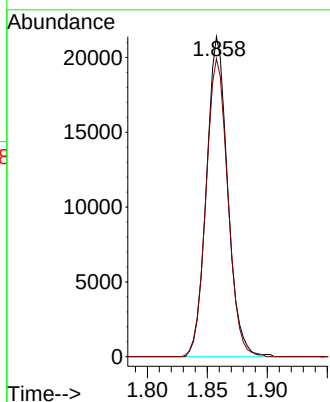
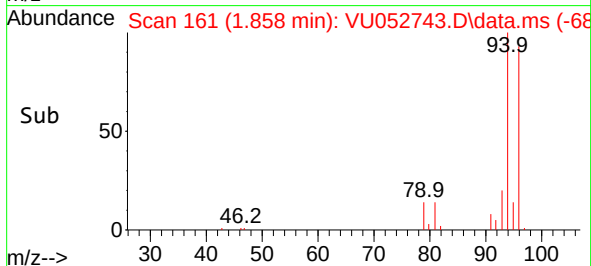
Instrument :
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Tgt Ion: 94 Resp: 26290
Ion Ratio Lower Upper
94 100
96 93.2 74.3 111.5

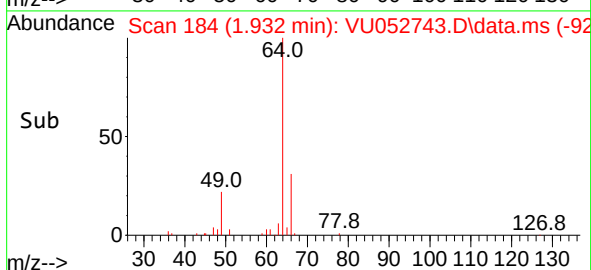
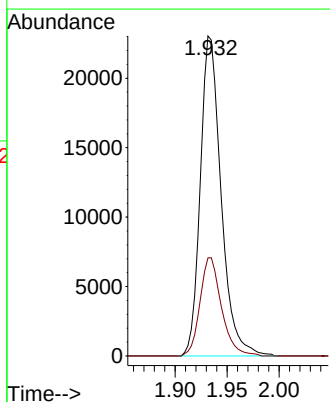
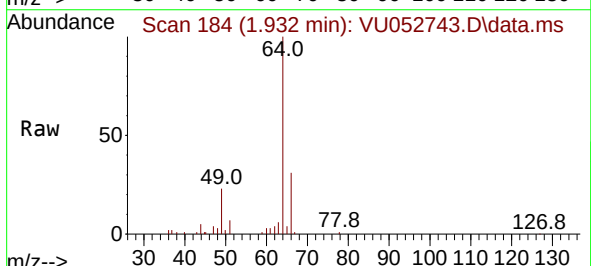
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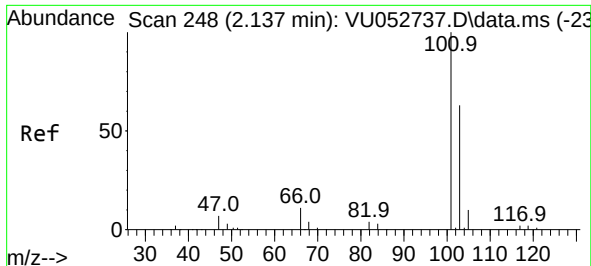
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#6
Chloroethane
Concen: 19.621 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU052743.D
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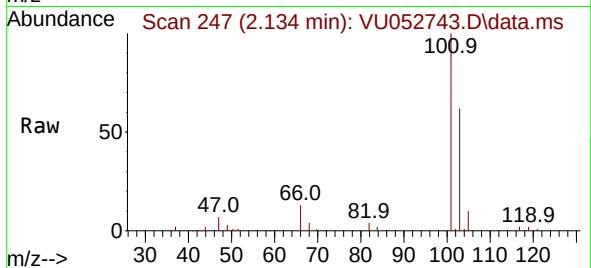
Tgt Ion: 64 Resp: 32066
Ion Ratio Lower Upper
64 100
66 30.6 26.1 39.1





#7
Trichlorofluoromethane
Concen: 19.614 ug/l
RT: 2.134 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

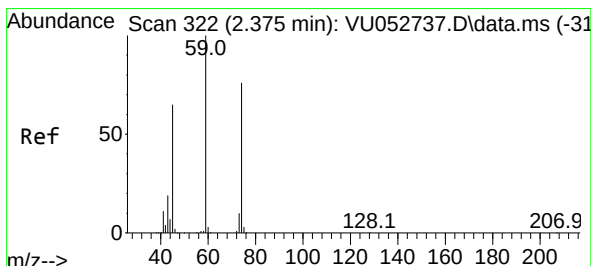
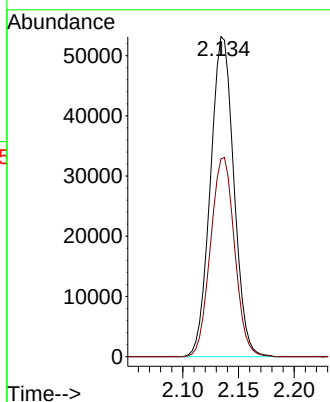
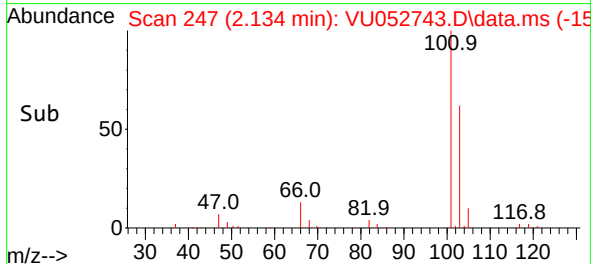
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01



Tgt Ion:101 Resp: 78070
Ion Ratio Lower Upper
101 100
103 61.8 50.7 76.1

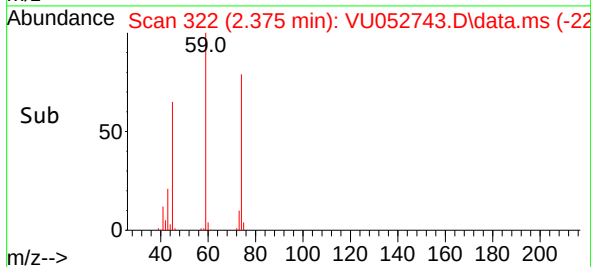
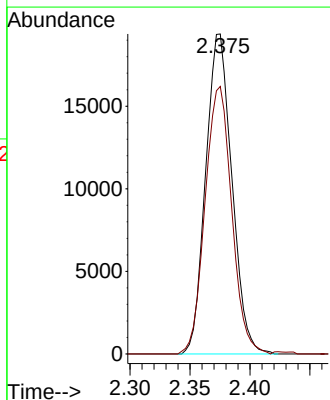
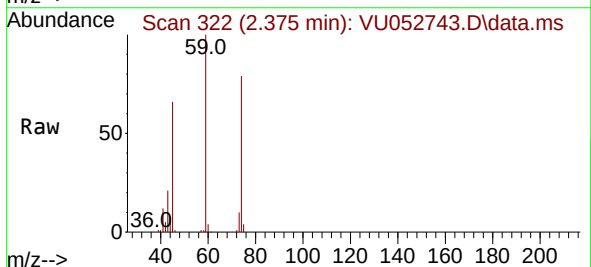
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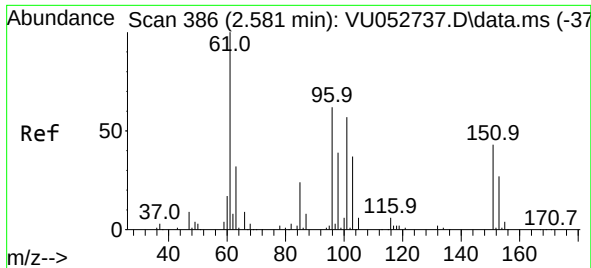
Reviewed By :John Carlone 01/20/2023
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#8
Diethyl Ether
Concen: 20.354 ug/l
RT: 2.375 min Scan# 322
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 74 Resp: 29491
Ion Ratio Lower Upper
74 100
45 84.9 42.4 127.3





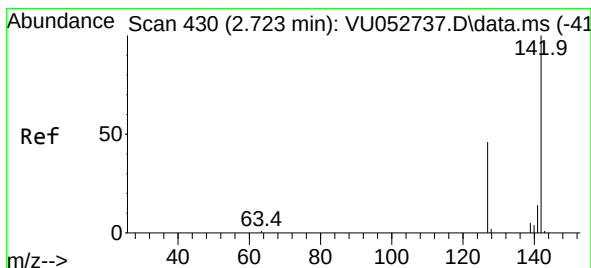
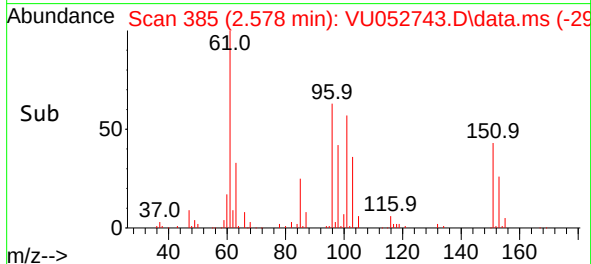
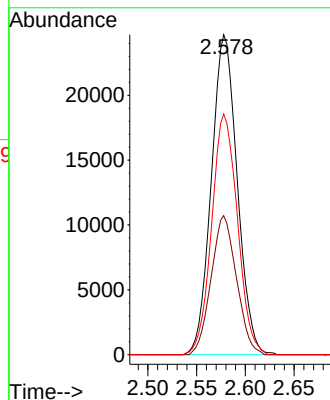
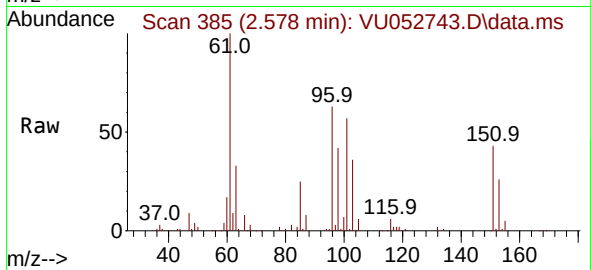
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.810 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU052743.D
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MSVOA_U
ClientSampleId :
VU0119WBS01

Tgt Ion:101 Resp: 4559
Ion Ratio Lower Upper
101 100
85 42.6 35.1 52.7
151 74.9 61.9 92.9

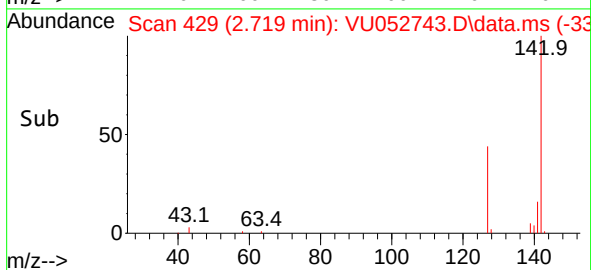
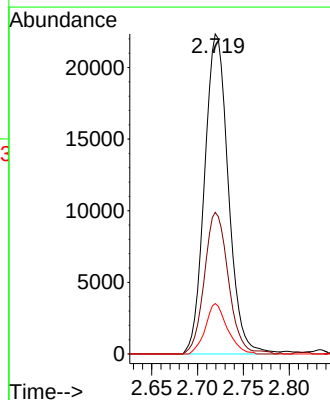
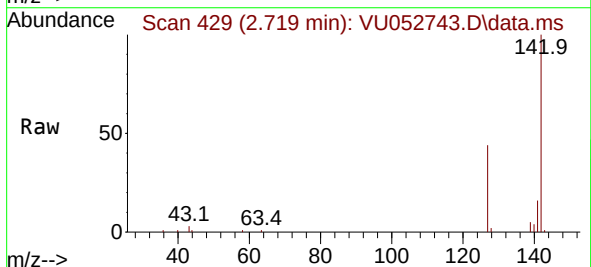
Manual Integrations
APPROVED

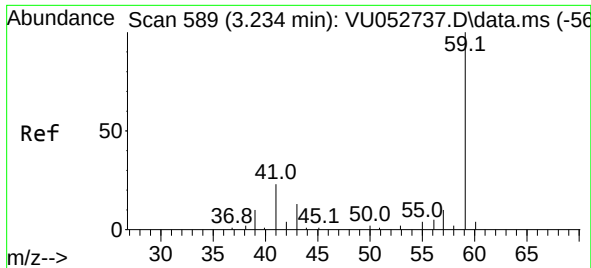
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#10
Methyl Iodide
Concen: 22.255 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.004 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion:142 Resp: 40282
Ion Ratio Lower Upper
142 100
127 44.8 36.3 54.5
141 14.5 11.8 17.6





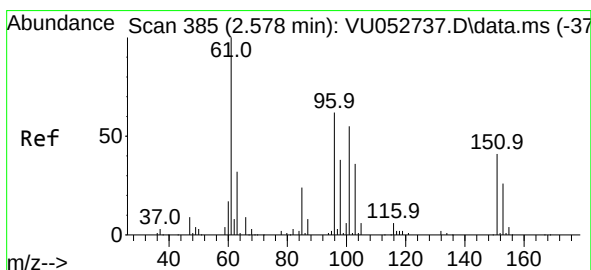
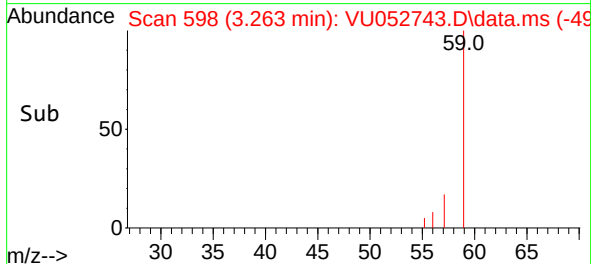
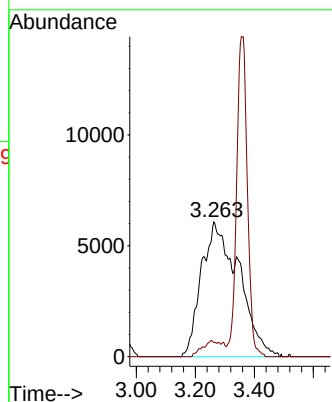
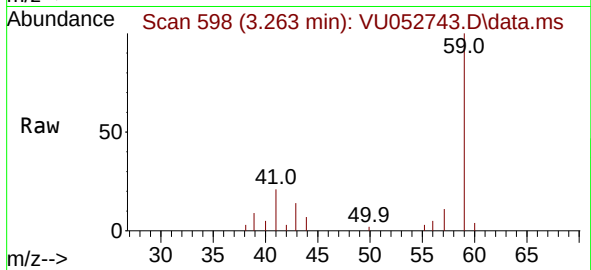
#11
Tert butyl alcohol
Concen: 102.091 ug/l m
RT: 3.263 min Scan# 59
Delta R.T. 0.029 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

Tgt Ion: 59 Resp: 5361
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6

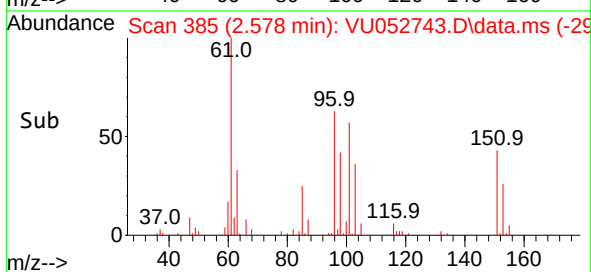
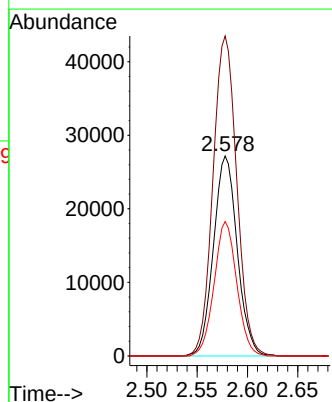
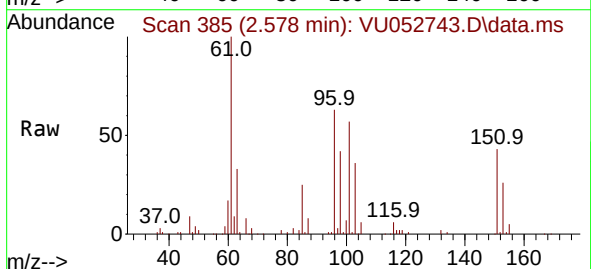
Manual Integrations
APPROVED

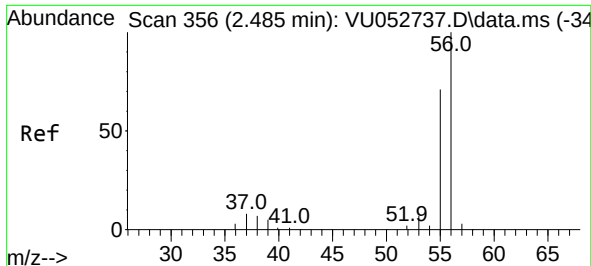
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#12
1,1-Dichloroethene
Concen: 19.660 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 96 Resp: 44755
Ion Ratio Lower Upper
96 100
61 160.0 129.8 194.6
98 67.2 49.9 74.9





#13

Acrolein

Concen: 96.569 ug/l

RT: 2.488 min Scan# 356

Delta R.T. 0.003 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBS01

Tgt Ion: 56 Resp: 47800

Ion Ratio Lower Upper

56 100

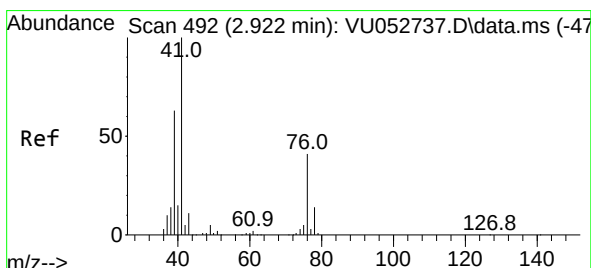
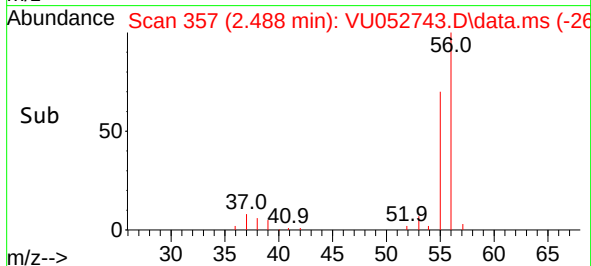
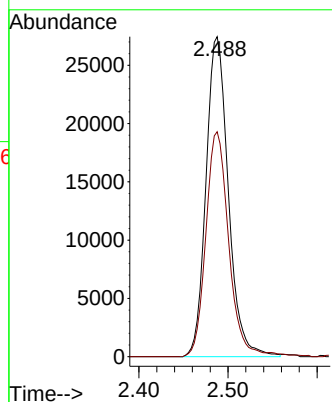
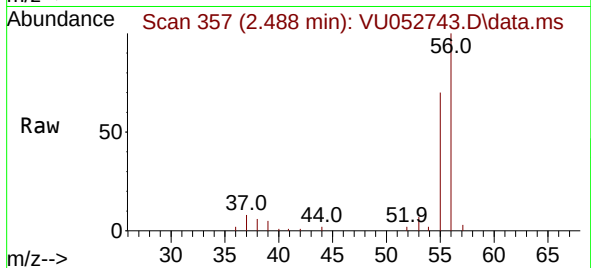
55 71.3 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#14

Allyl chloride

Concen: 20.592 ug/l

RT: 2.922 min Scan# 492

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

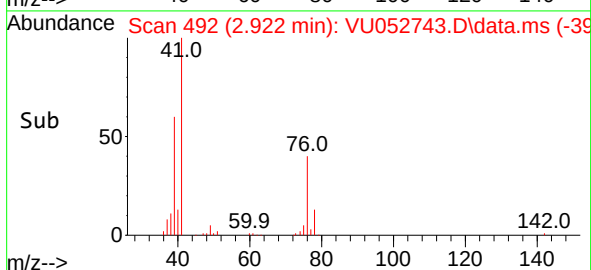
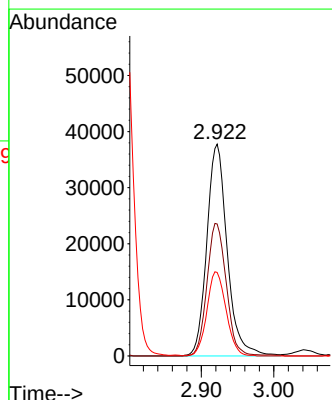
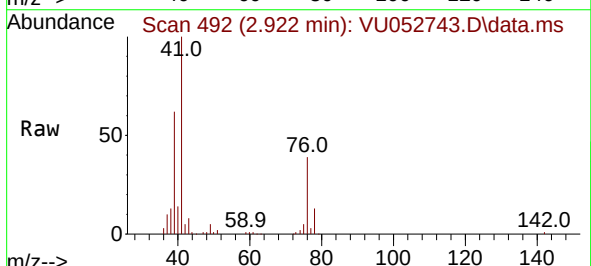
Tgt Ion: 41 Resp: 73835

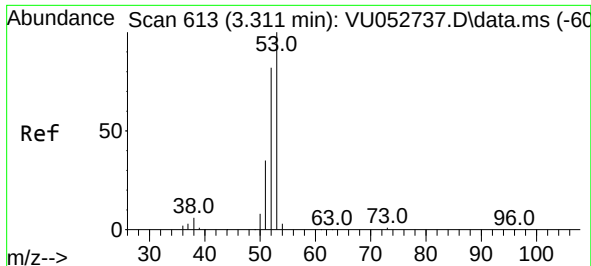
Ion Ratio Lower Upper

41 100

39 59.1 48.2 72.2

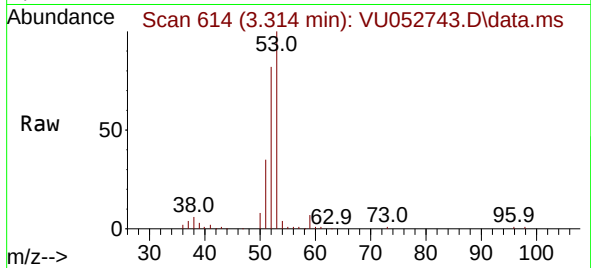
76 37.4 29.4 44.0





#15
Acrylonitrile
Concen: 101.874 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

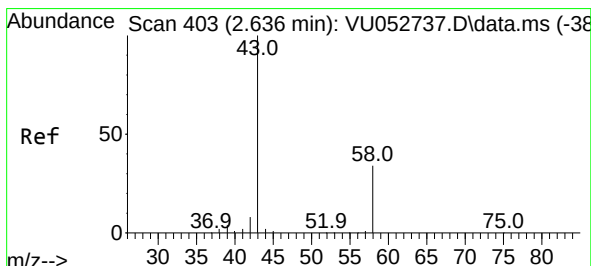
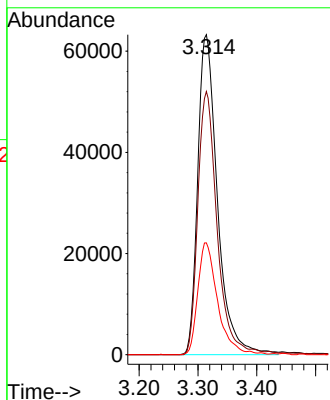
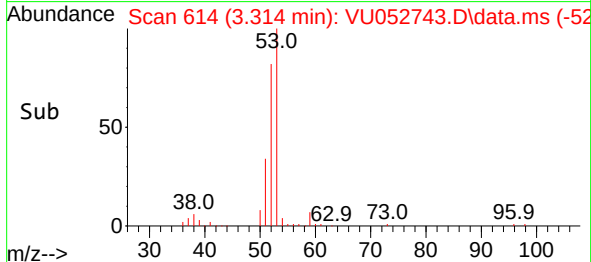
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01



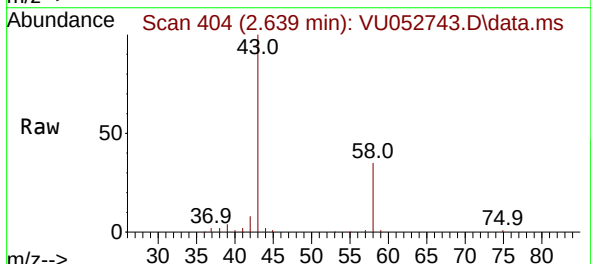
Tgt Ion: 53 Resp: 14762
Ion Ratio Lower Upper
53 100
52 80.2 64.9 97.3
51 34.6 27.6 41.4

Manual Integrations
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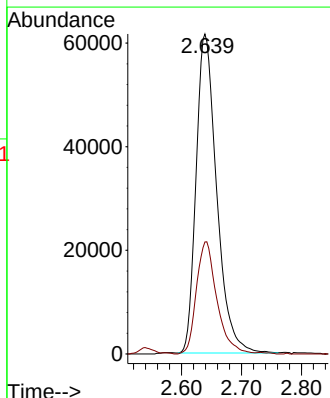
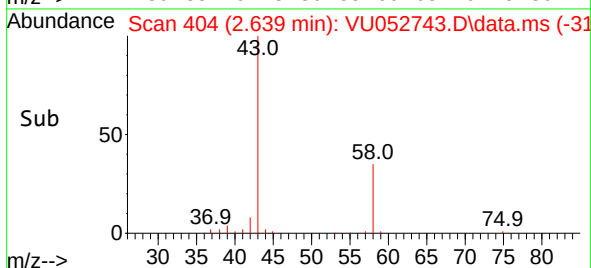
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

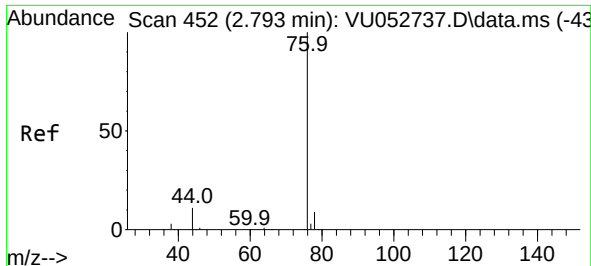


#16
Acetone
Concen: 100.277 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20



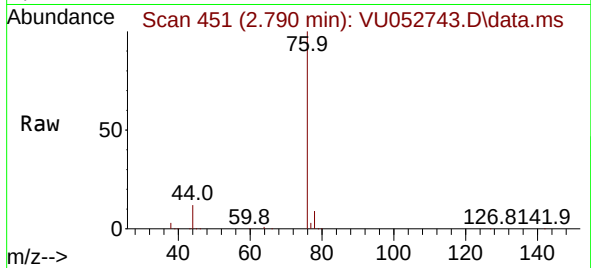
Tgt Ion: 43 Resp: 147302
Ion Ratio Lower Upper
43 100
58 35.1 27.1 40.7





#17
Carbon Disulfide
Concen: 19.138 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

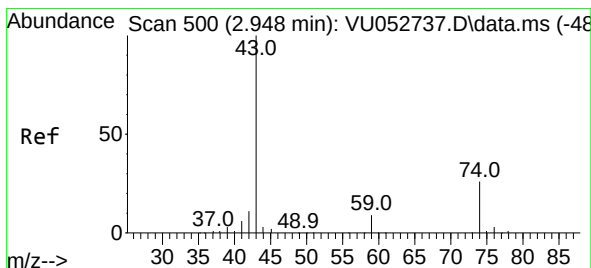
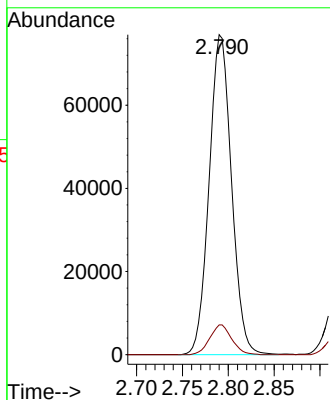
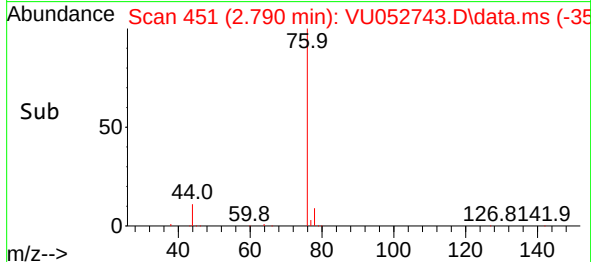
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01



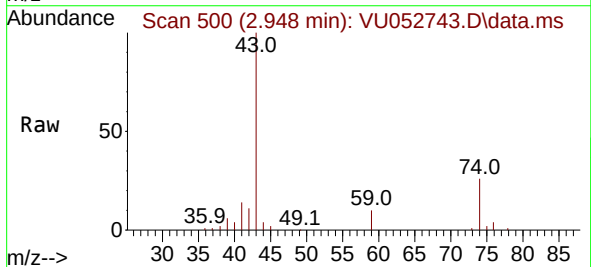
Tgt Ion: 76 Resp: 13053
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

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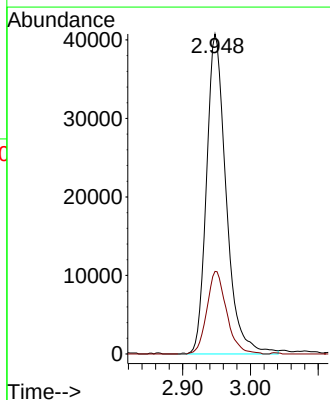
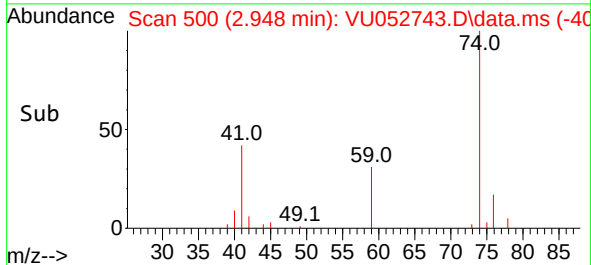
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

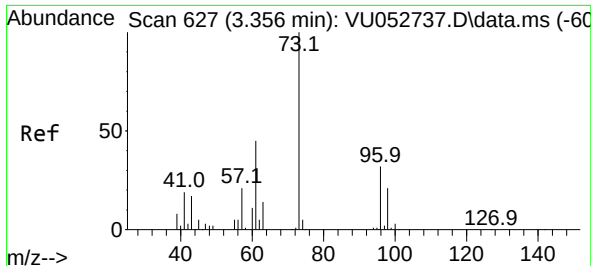


#18
Methyl Acetate
Concen: 20.183 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20



Tgt Ion: 43 Resp: 82055
Ion Ratio Lower Upper
43 100
74 26.0 21.1 31.7





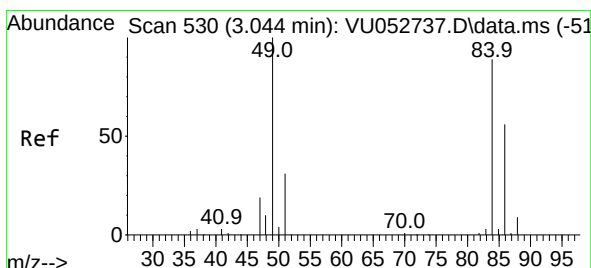
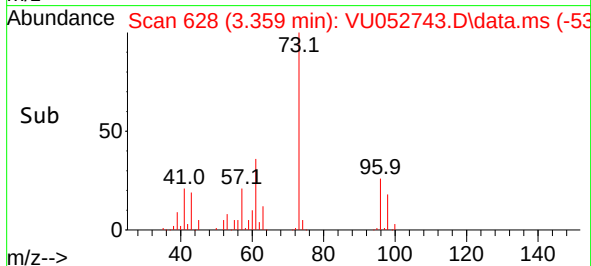
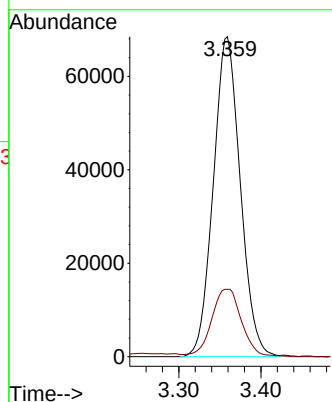
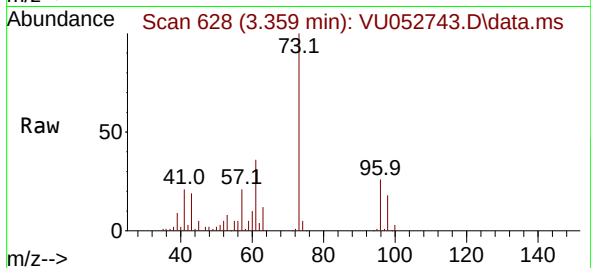
#19
Methyl tert-butyl Ether
Concen: 20.305 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Instrument :
MSVOA_U
Client Sample Id :
VU0119WBS01

Tgt Ion: 73 Resp: 15659
Ion Ratio Lower Upper
73 100
57 20.8 16.9 25.3

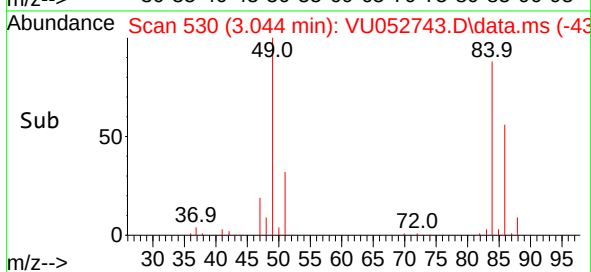
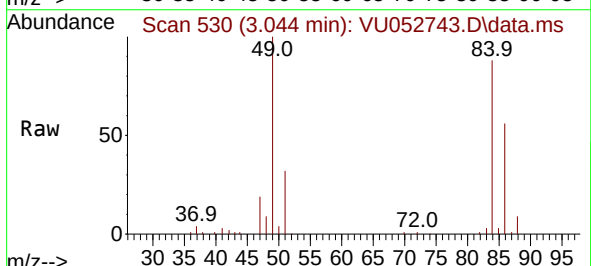
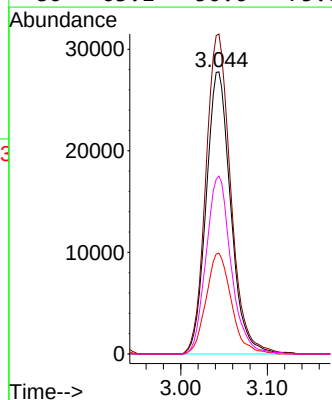
Manual Integrations
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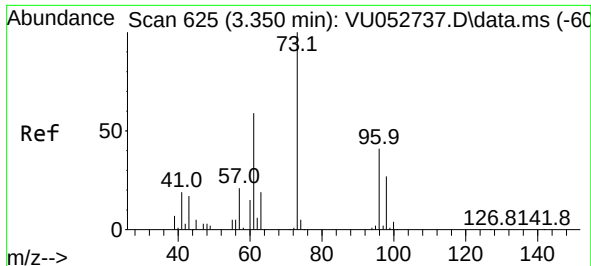
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#20
Methylene Chloride
Concen: 19.866 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 84 Resp: 54704
Ion Ratio Lower Upper
84 100
49 113.5 90.2 135.4
51 35.8 28.1 42.1
86 63.1 50.6 75.8





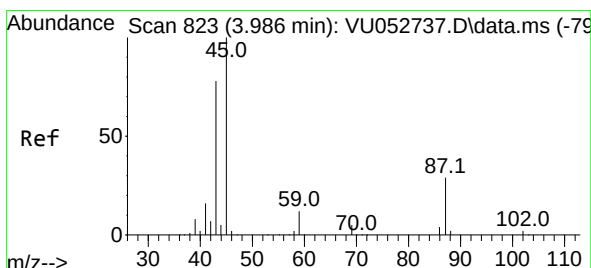
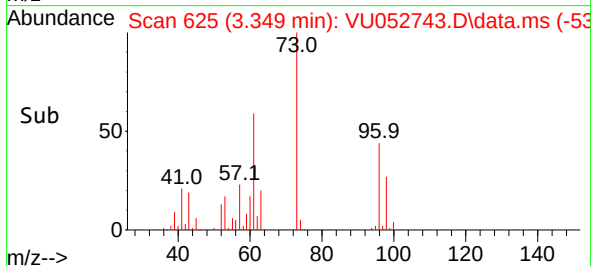
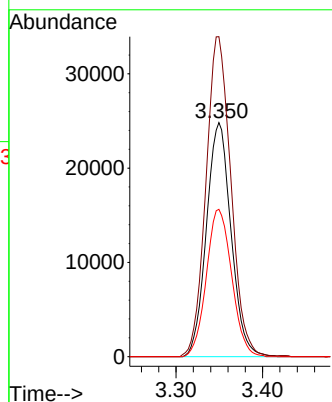
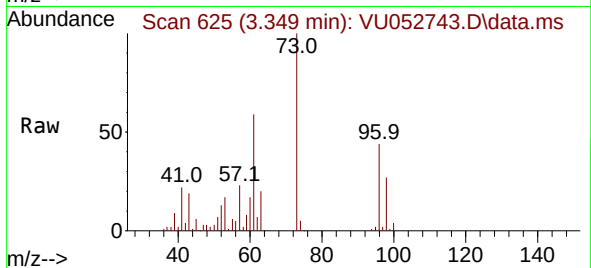
#21
trans-1,2-Dichloroethene
Concen: 19.980 ug/l
RT: 3.349 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

Tgt Ion: 96 Resp: 49029
Ion Ratio Lower Upper
96 100
61 136.7 114.7 172.1
98 62.9 52.4 78.6

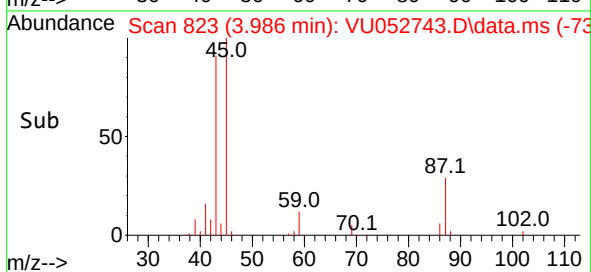
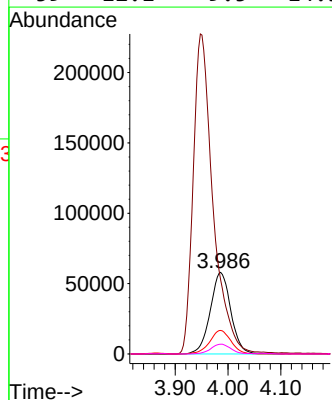
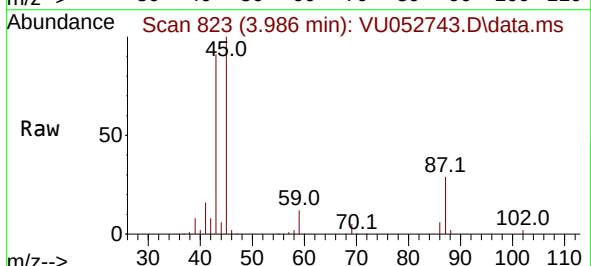
Manual Integrations
APPROVED

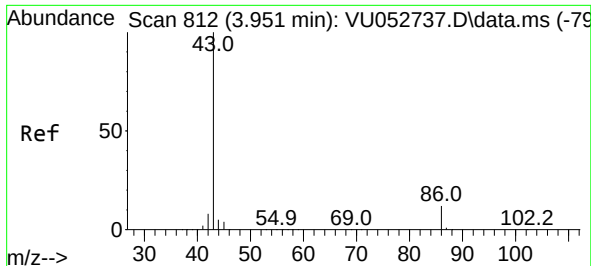
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#22
Diisopropyl ether
Concen: 20.998 ug/l
RT: 3.986 min Scan# 823
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 45 Resp: 156573
Ion Ratio Lower Upper
45 100
43 89.4 64.6 97.0
87 28.9 23.2 34.8
59 12.1 9.5 14.3





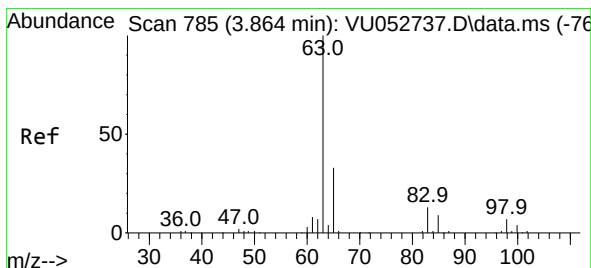
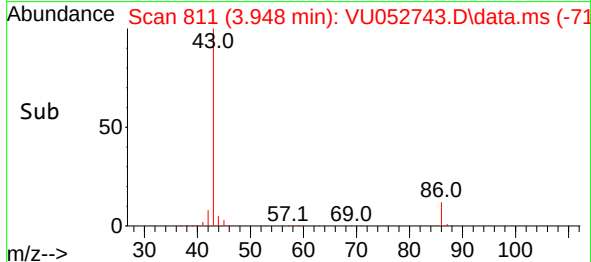
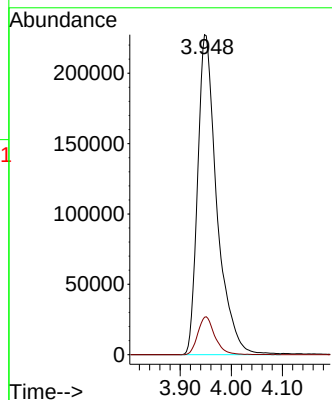
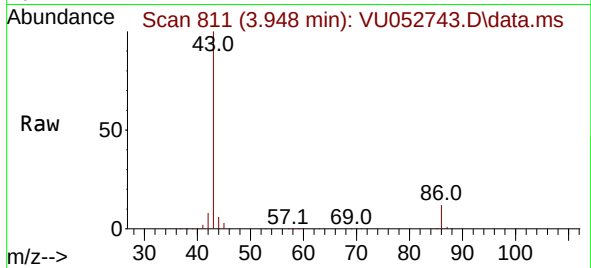
#23
 Vinyl Acetate
 Concen: 103.942 ug/l
 RT: 3.948 min Scan# 811
 Delta R.T. -0.003 min
 Lab File: VU052743.D
 Acq: 19 Jan 2023 18:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0119WBS01

Tgt Ion: 43 Resp: 594700
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.4 14.0

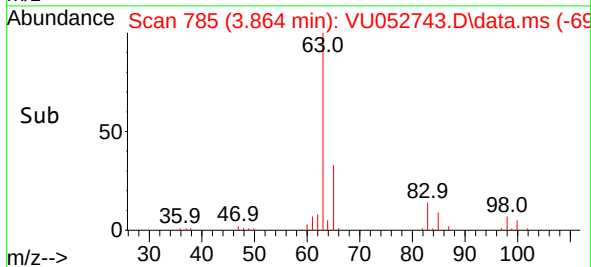
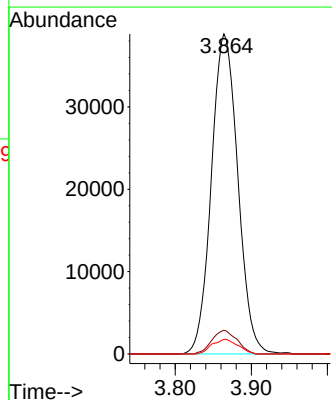
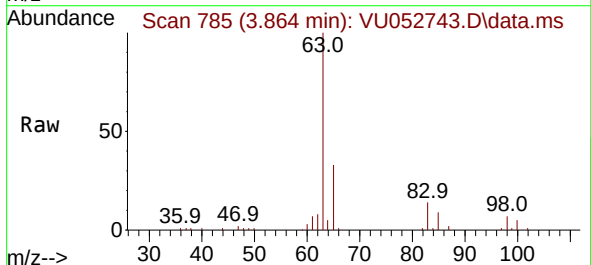
Manual Integrations
 APPROVED

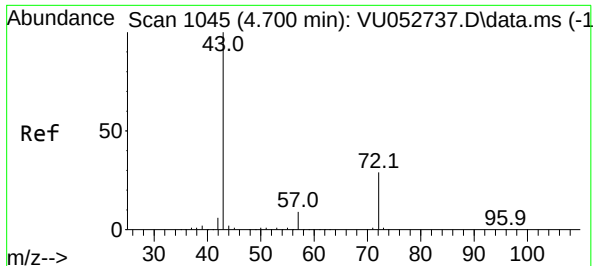
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#24
 1,1-Dichloroethane
 Concen: 19.851 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VU052743.D
 Acq: 19 Jan 2023 18:20

Tgt Ion: 63 Resp: 93881
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.6 2.2 6.6





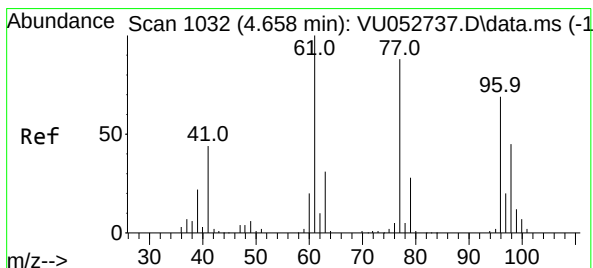
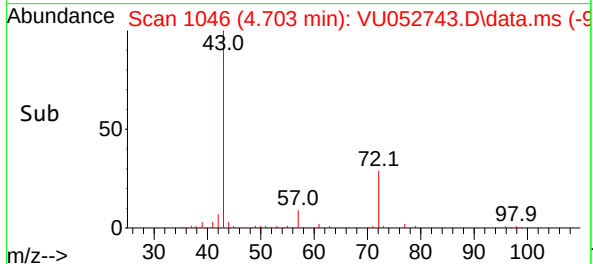
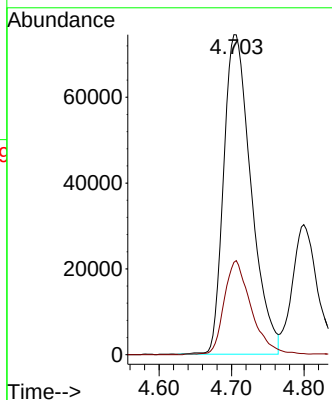
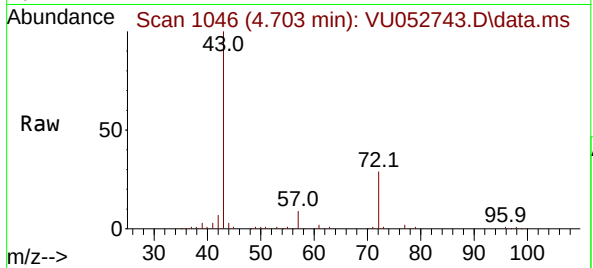
#25
2-Butanone
Concen: 103.427 ug/l
RT: 4.703 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

Tgt Ion: 43 Resp: 19594
Ion Ratio Lower Upper
43 100
72 28.9 23.3 34.9

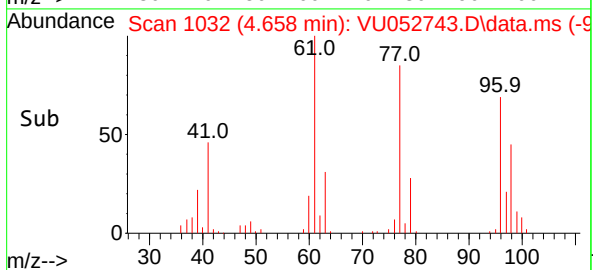
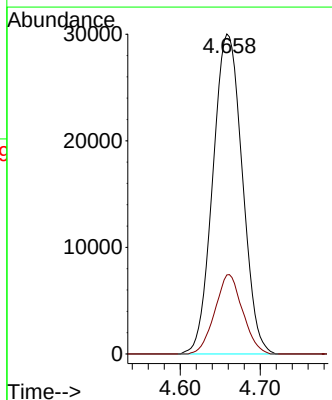
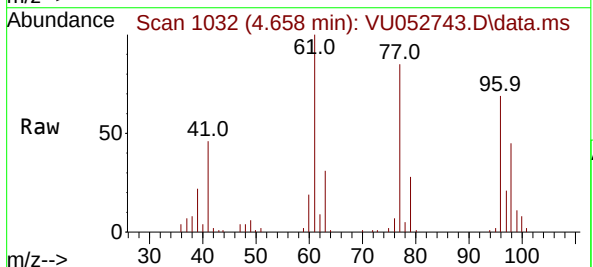
Manual Integrations
APPROVED

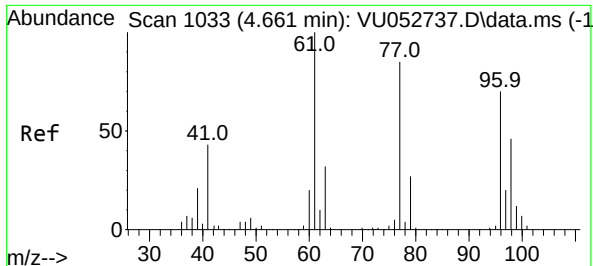
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#26
2,2-Dichloropropane
Concen: 19.759 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

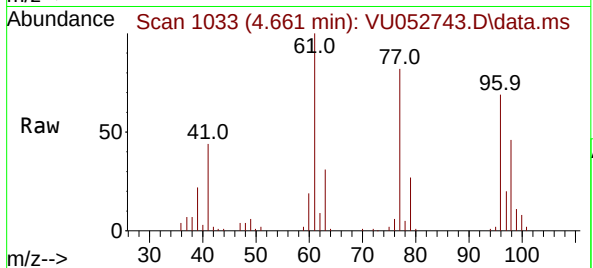
Tgt Ion: 77 Resp: 76658
Ion Ratio Lower Upper
77 100
97 23.4 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 21.220 ug/l
 RT: 4.661 min Scan# 1033
 Delta R.T. -0.000 min
 Lab File: VU052743.D
 Acq: 19 Jan 2023 18:20

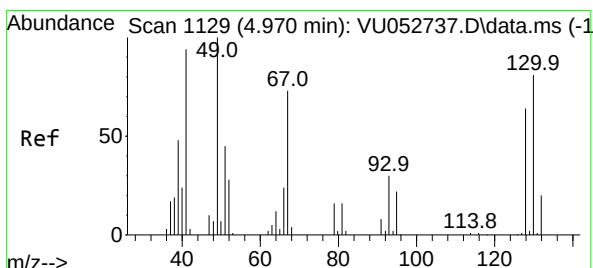
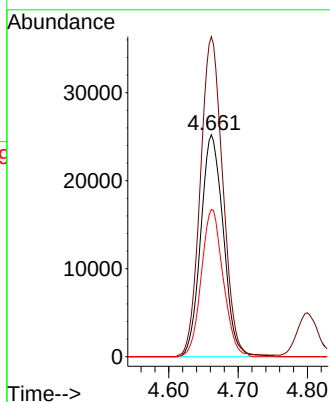
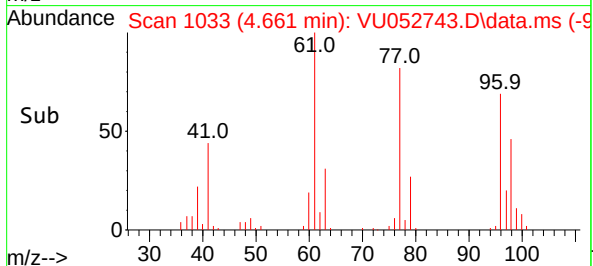
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0119WBS01



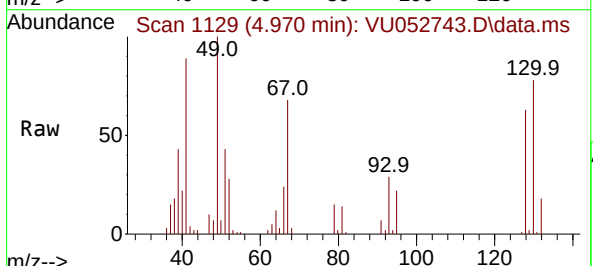
Tgt Ion: 96 Resp: 5716
 Ion Ratio Lower Upper
 96 100
 61 143.1 0.0 287.2
 98 64.0 0.0 128.4

Manual Integrations
 APPROVED

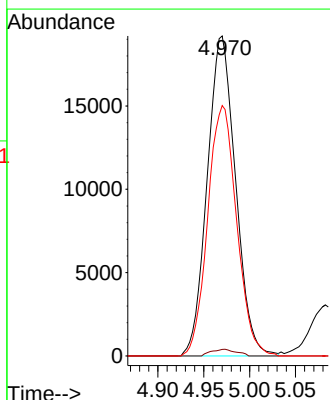
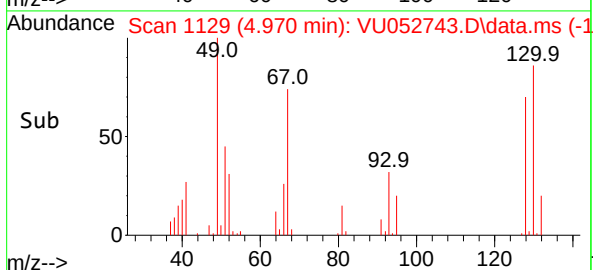
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

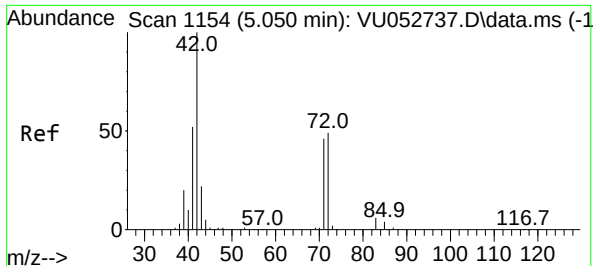


#28
 Bromochloromethane
 Concen: 20.908 ug/l
 RT: 4.970 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VU052743.D
 Acq: 19 Jan 2023 18:20



Tgt Ion: 49 Resp: 41273
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 79.8 65.5 98.3





#29

Tetrahydrofuran

Concen: 105.854 ug/l

RT: 5.054 min Scan# 1154

Delta R.T. 0.003 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBS01

Tgt Ion: 42 Resp: 116414

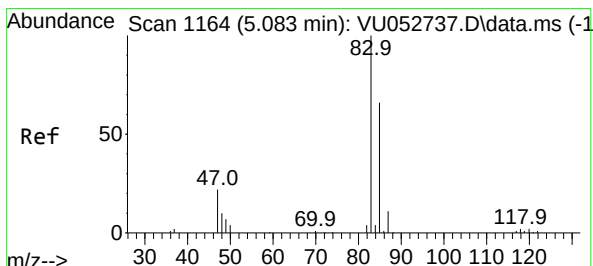
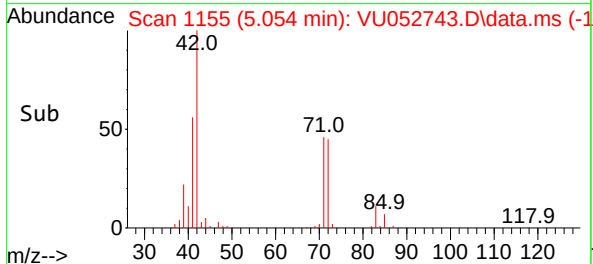
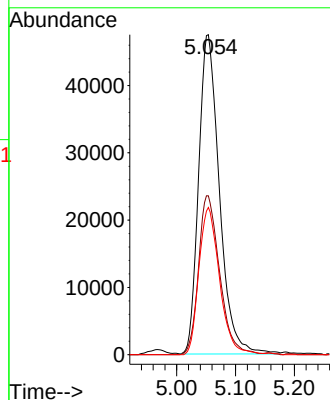
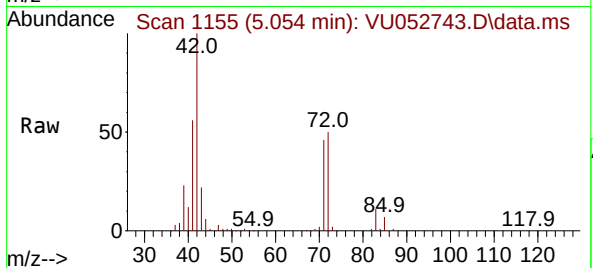
Ion	Ratio	Lower	Upper
42	100		
72	50.5	40.5	60.7
71	45.8	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#30

Chloroform

Concen: 19.194 ug/l

RT: 5.083 min Scan# 1164

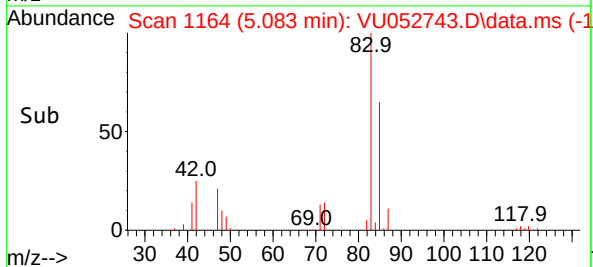
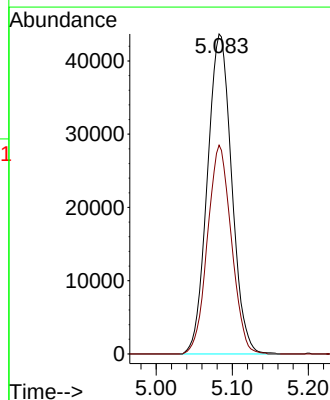
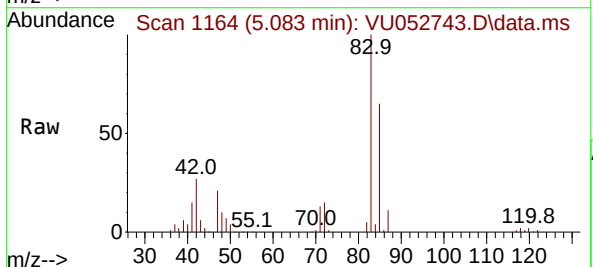
Delta R.T. -0.000 min

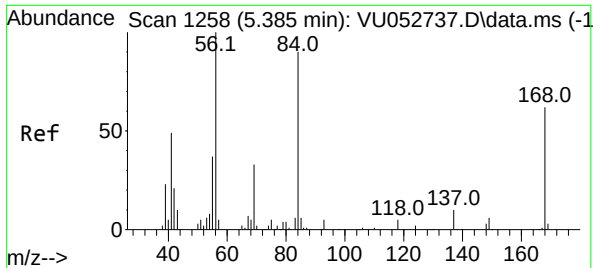
Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Tgt Ion: 83 Resp: 97030

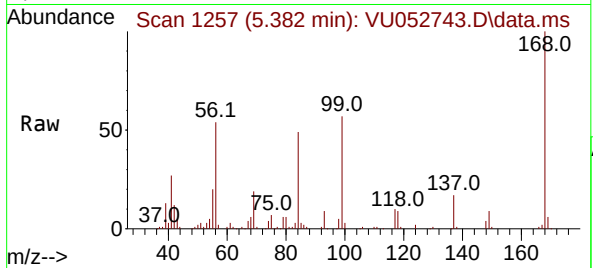
Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.6	79.0





#31
Cyclohexane
Concen: 20.152 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

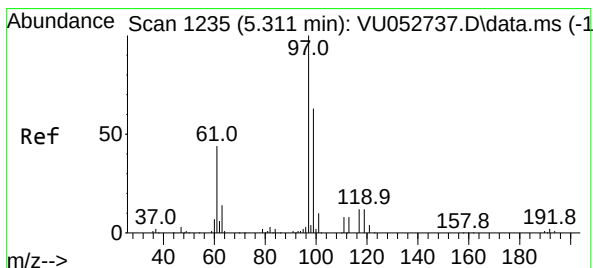
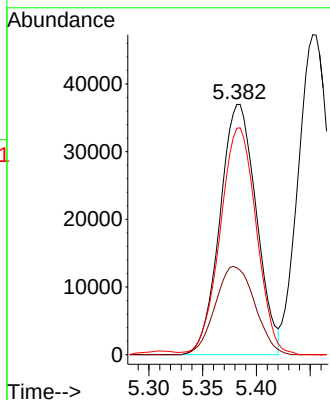
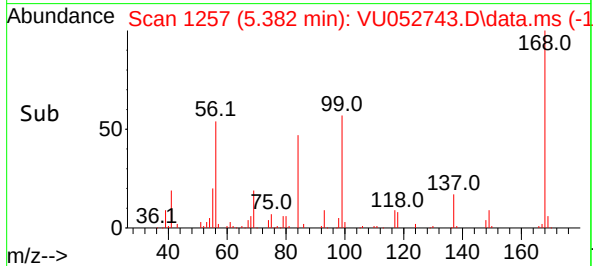
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01



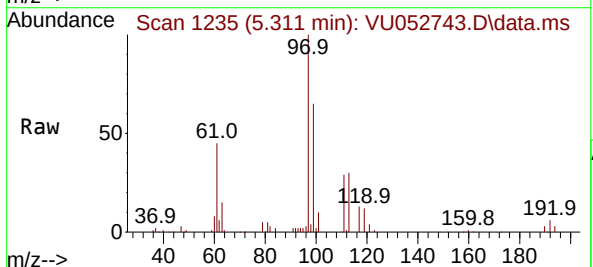
Tgt Ion: 56 Resp: 8703
Ion Ratio Lower Upper
56 100
69 34.7 26.2 39.2
84 89.6 72.2 108.4

Manual Integrations
APPROVED

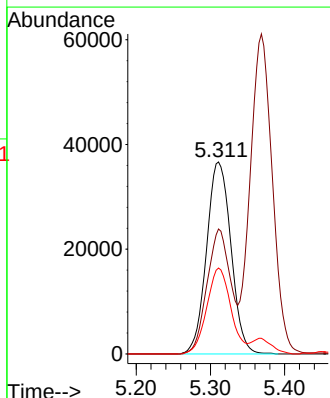
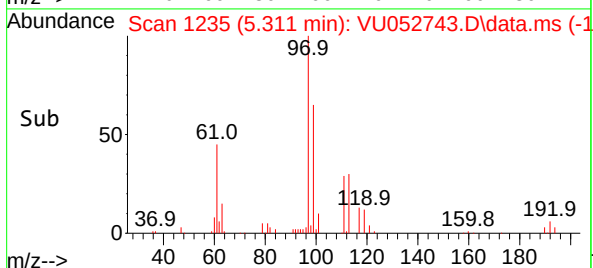
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

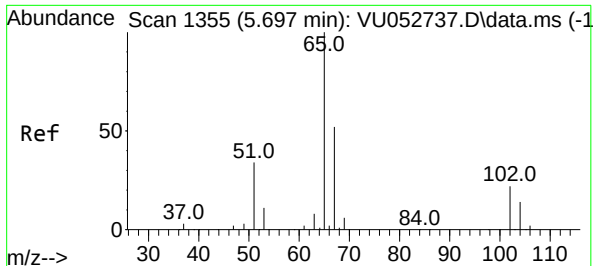


#32
1,1,1-Trichloroethane
Concen: 20.261 ug/l
RT: 5.311 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20



Tgt Ion: 97 Resp: 83893
Ion Ratio Lower Upper
97 100
99 62.3 50.5 75.7
61 44.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.895 ug/l

RT: 5.697 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBS01

Tgt Ion: 65 Resp: 153784

Ion Ratio Lower Upper

65 100

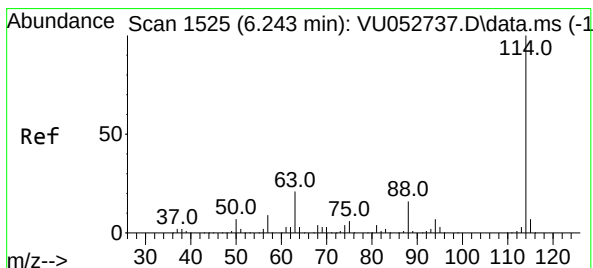
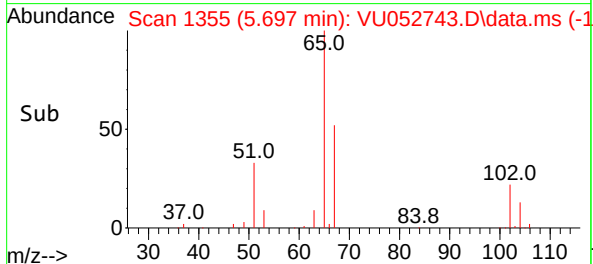
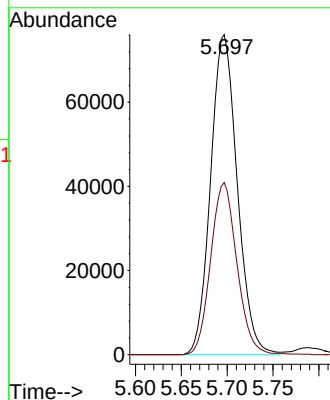
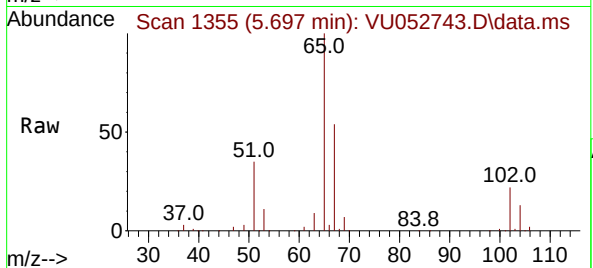
67 53.0 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

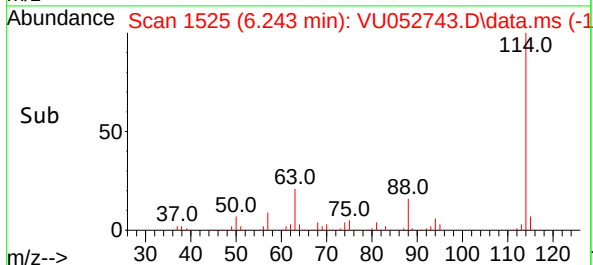
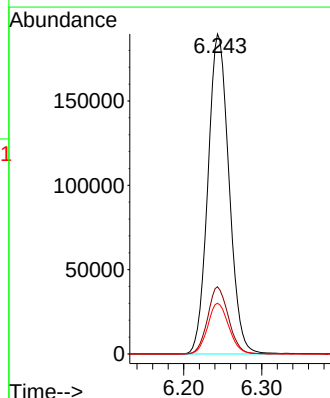
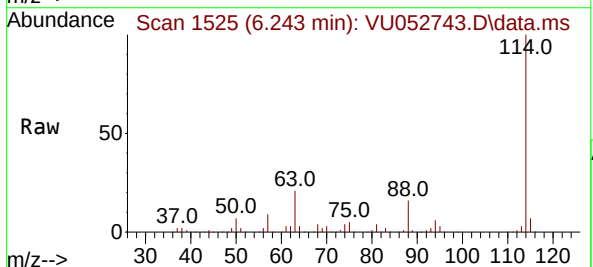
Tgt Ion:114 Resp: 356142

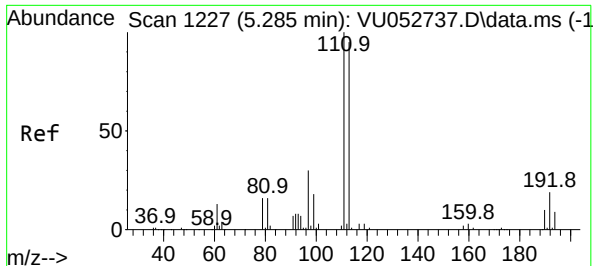
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.4

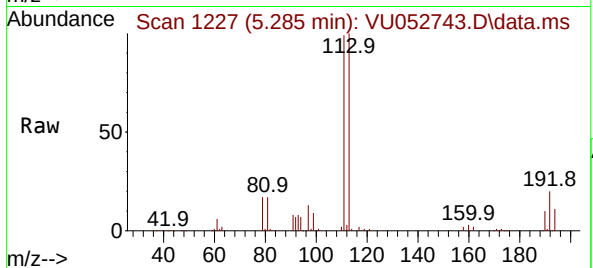
88 15.9 0.0 32.8





#35
Dibromofluoromethane
Concen: 49.884 ug/l
RT: 5.285 min Scan# 1113
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

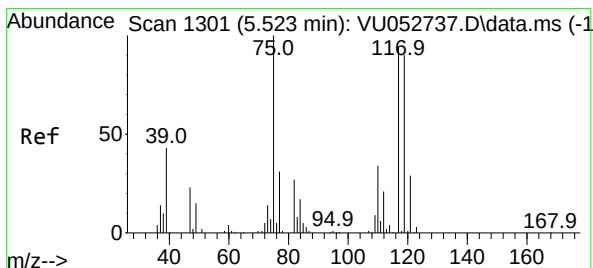
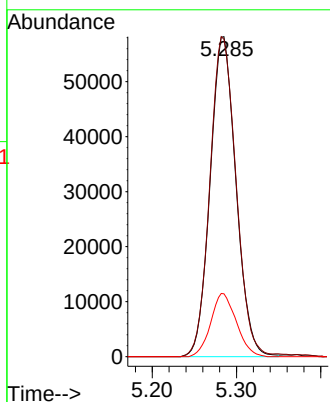
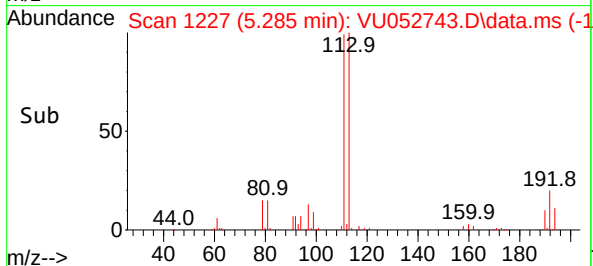
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01



Tgt Ion:113 Resp: 12370
Ion Ratio Lower Upper
113 100
111 101.5 81.2 121.8
192 19.6 15.7 23.5

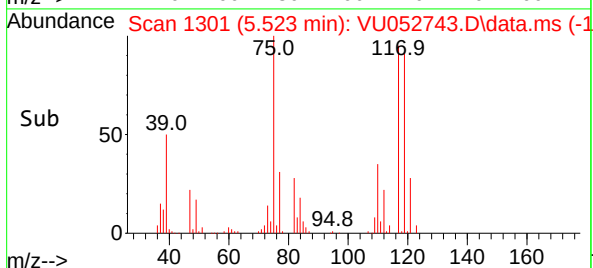
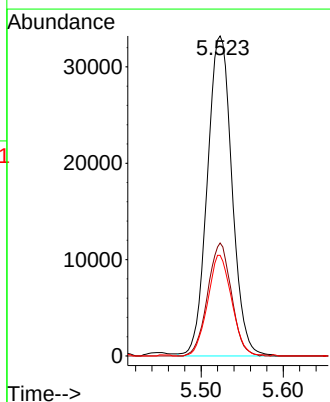
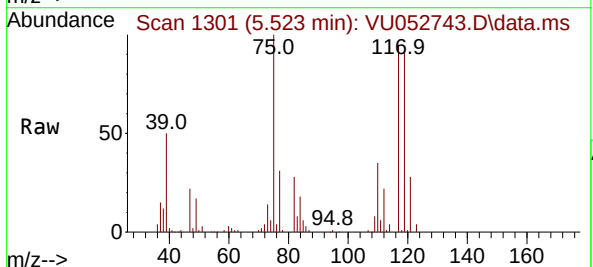
Manual Integrations
APPROVED

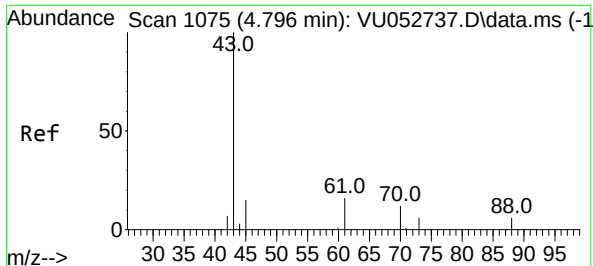
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#36
1,1-Dichloropropene
Concen: 19.528 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 75 Resp: 69484
Ion Ratio Lower Upper
75 100
110 34.0 17.1 51.2
77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 18.452 ug/l

RT: 4.800 min Scan# 1075

Delta R.T. 0.003 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBS01

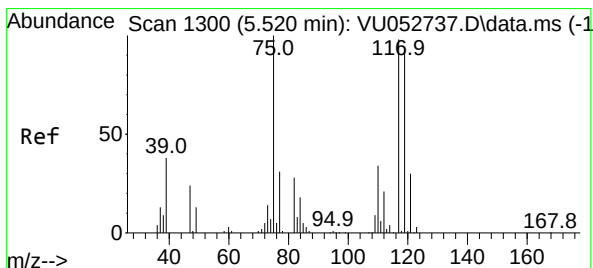
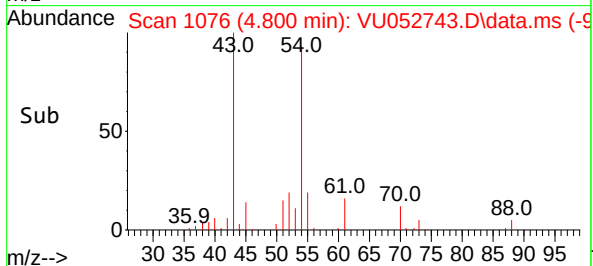
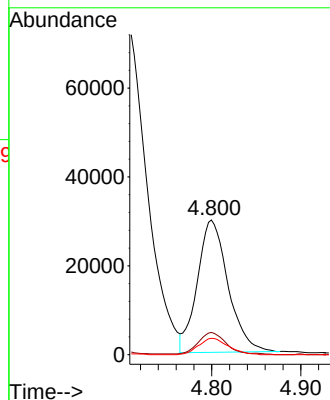
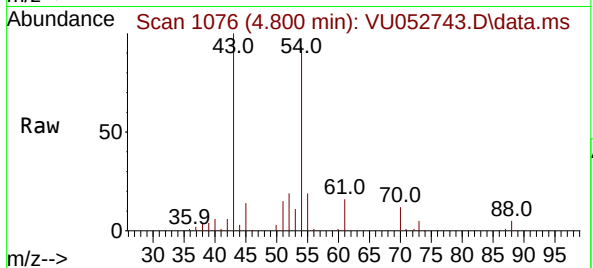
Tgt Ion: 43	Resp: 7136
Ion Ratio	Lower Upper
43	100
61	14.0 12.2 18.4
70	11.9 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#38

Carbon Tetrachloride

Concen: 19.617 ug/l

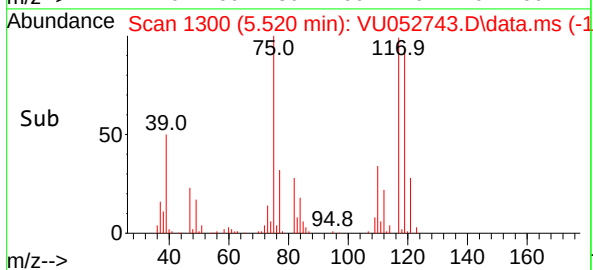
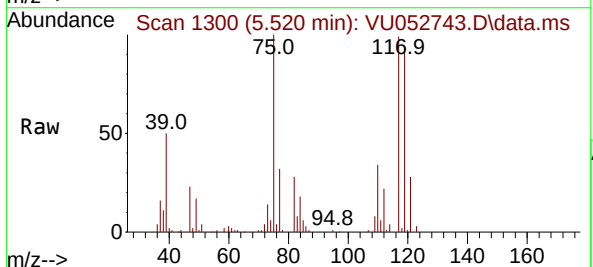
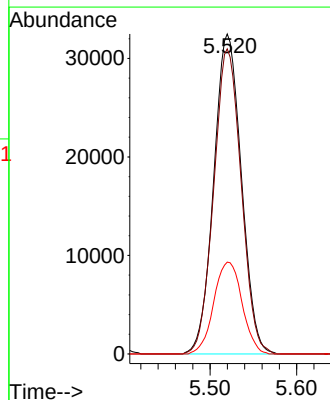
RT: 5.520 min Scan# 1300

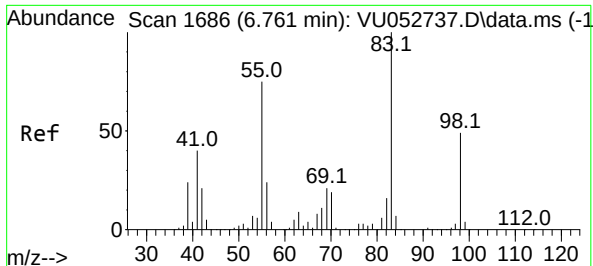
Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Tgt Ion: 117	Resp: 71811
Ion Ratio	Lower Upper
117	100
119	95.4 75.6 113.4
121	28.7 24.2 36.4





#39

Methylcyclohexane

Concen: 19.572 ug/l

RT: 6.761 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBS01

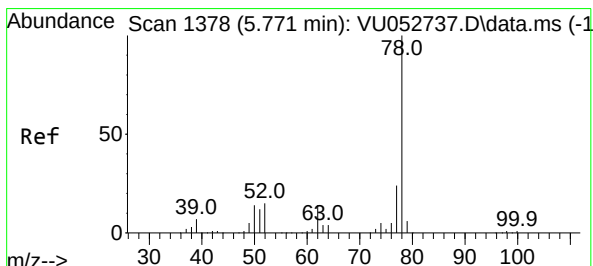
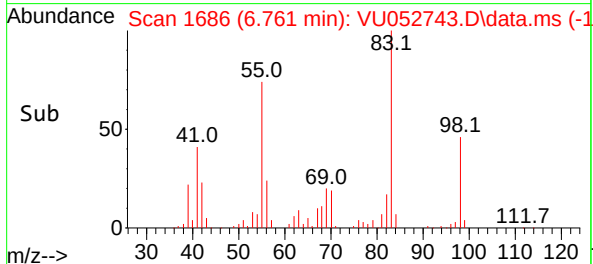
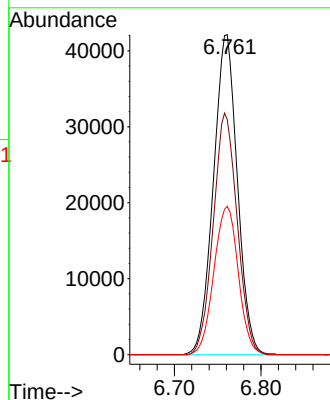
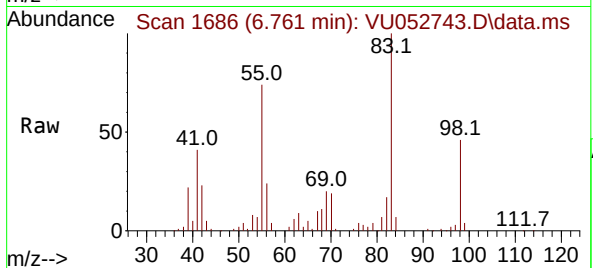
Tgt Ion: 83	Resp: 8103
Ion Ratio	Lower Upper
83	100
55	73.5 60.4 90.6
98	46.4 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#40

Benzene

Concen: 19.622 ug/l

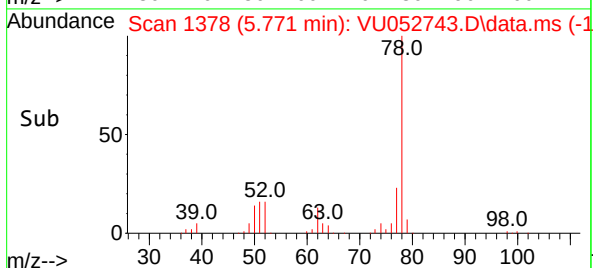
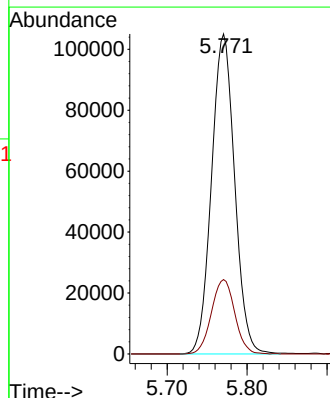
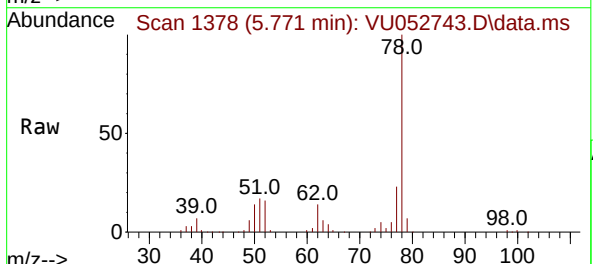
RT: 5.771 min Scan# 1378

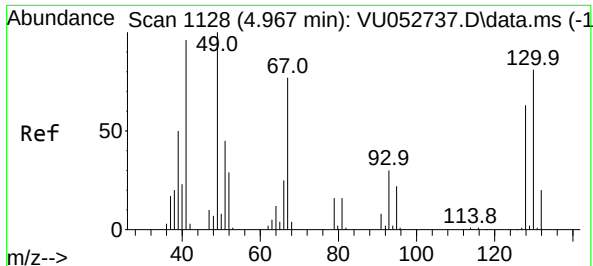
Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

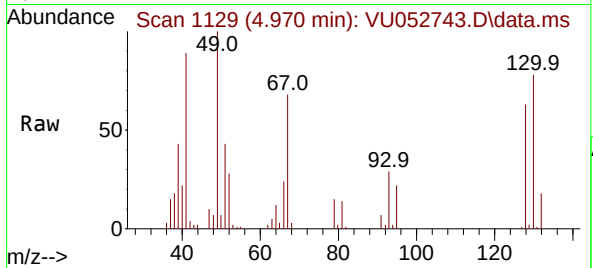
Tgt Ion: 78	Resp: 210818
Ion Ratio	Lower Upper
78	100
77	23.2 18.9 28.3





#41
Methacrylonitrile
Concen: 20.200 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

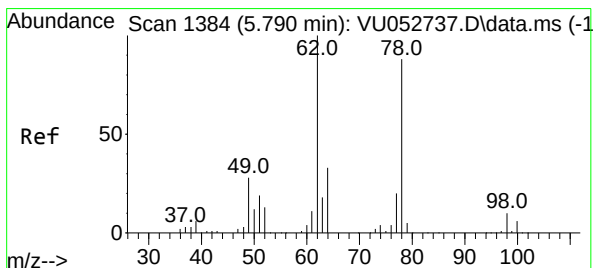
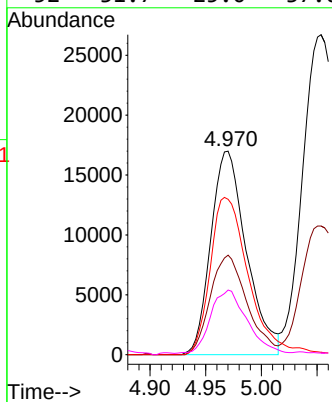
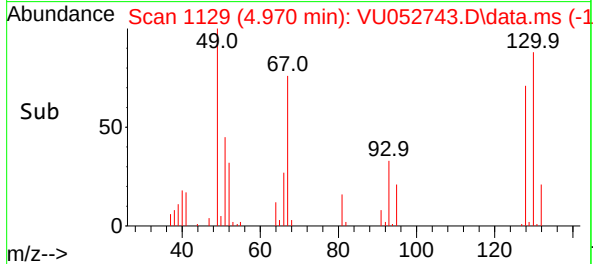
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01



Tgt Ion: 41 Resp: 37798
Ion Ratio Lower Upper
41 100
39 50.7 42.2 63.2
67 83.4 65.0 97.6
52 31.7 25.0 37.6

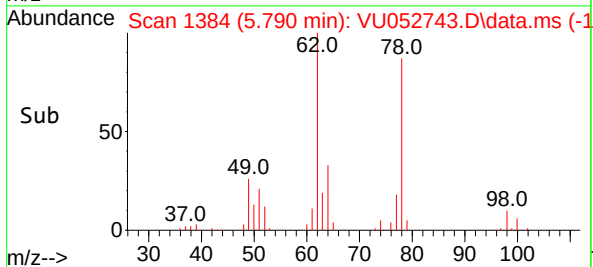
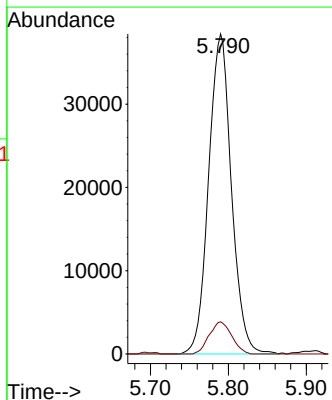
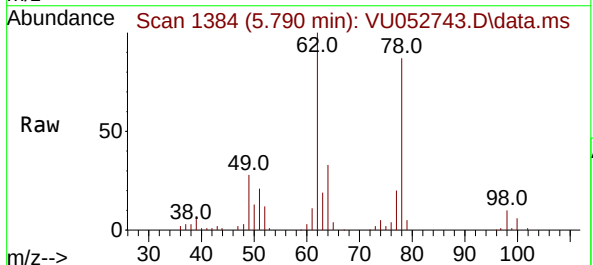
Manual Integrations
APPROVED

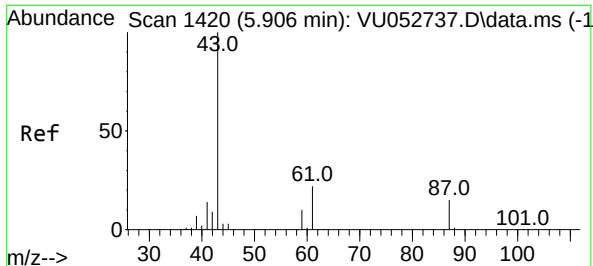
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#42
1,2-Dichloroethane
Concen: 20.114 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

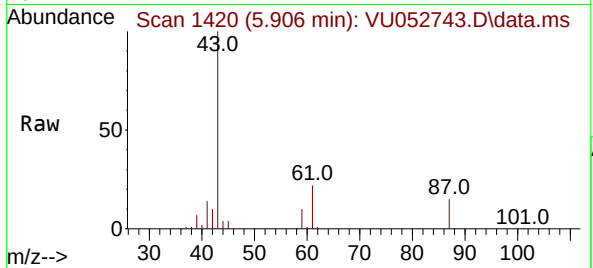
Tgt Ion: 62 Resp: 78030
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.0





#43
Isopropyl Acetate
Concen: 19.861 ug/l
RT: 5.906 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

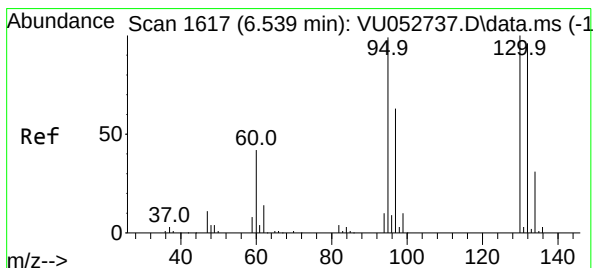
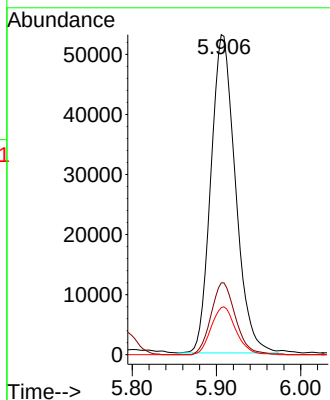
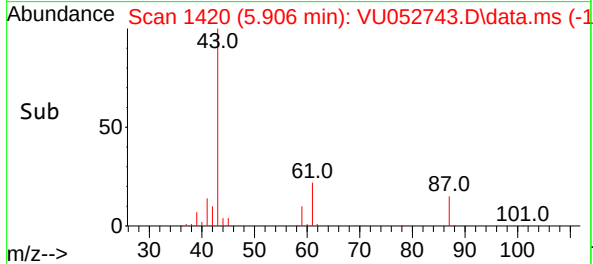
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01



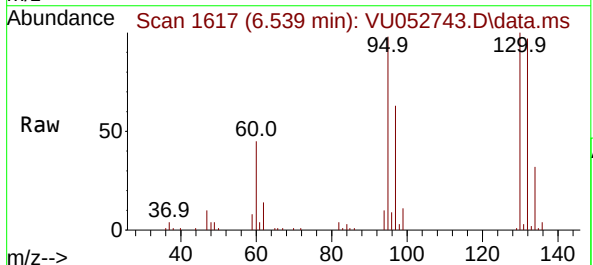
Tgt Ion: 43 Resp: 107079
Ion Ratio Lower Upper
43 100
61 22.5 18.1 27.1
87 15.1 11.7 17.5

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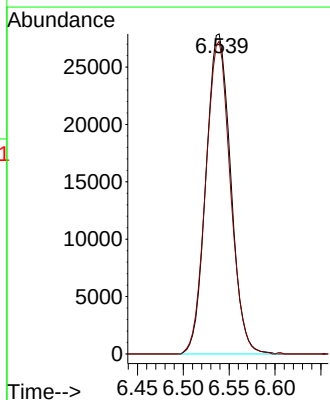
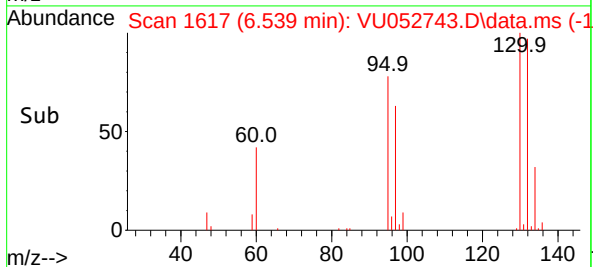
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

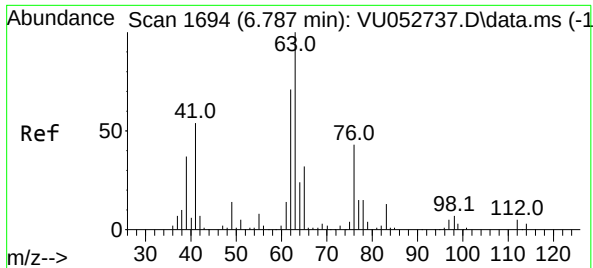


#44
Trichloroethene
Concen: 19.623 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20



Tgt Ion:130 Resp: 52147
Ion Ratio Lower Upper
130 100
95 97.7 0.0 198.2





#45

1,2-Dichloropropane

Concen: 19.678 ug/l

RT: 6.787 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBS01

Tgt Ion: 63 Resp: 54530

Ion Ratio Lower Upper

63 100

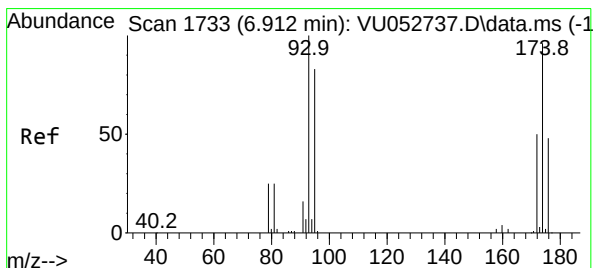
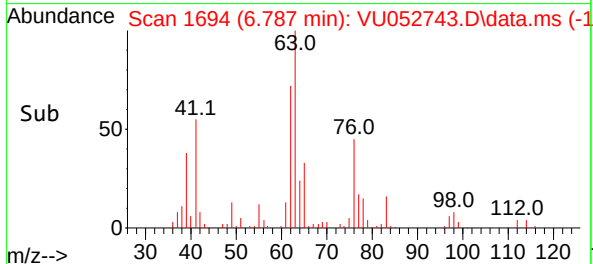
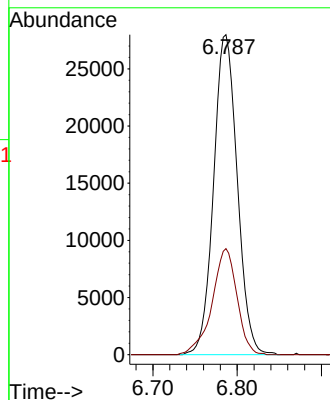
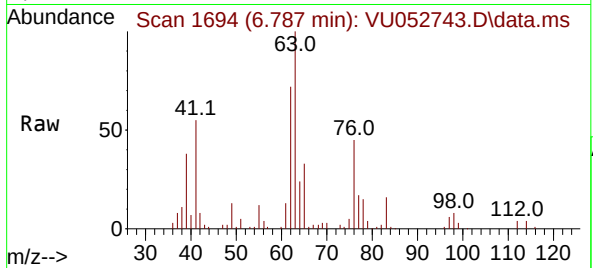
65 33.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#46

Dibromomethane

Concen: 19.527 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

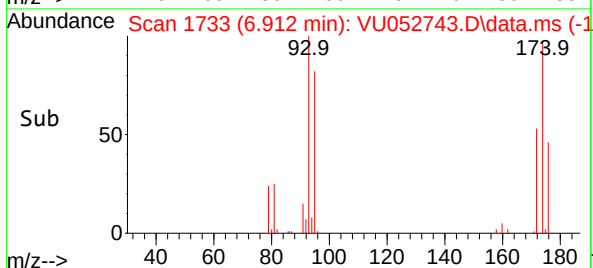
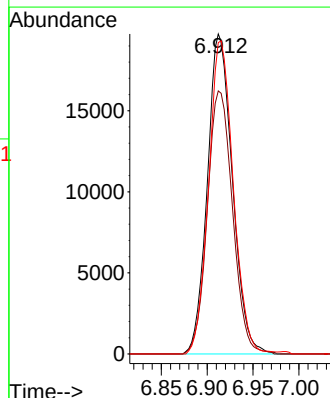
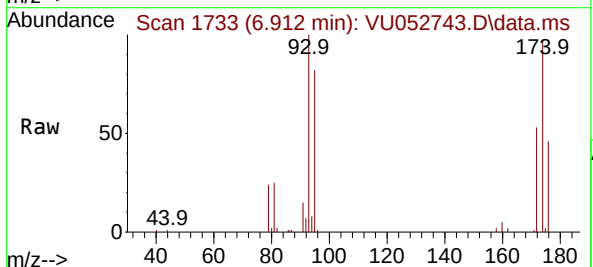
Tgt Ion: 93 Resp: 37474

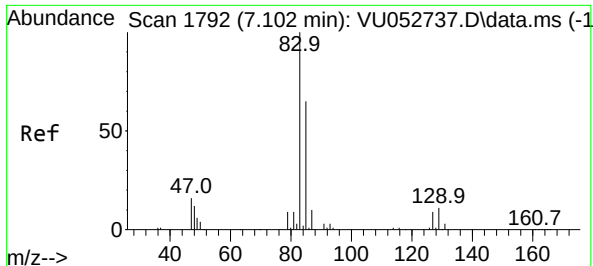
Ion Ratio Lower Upper

93 100

95 82.7 66.6 99.8

174 96.7 78.6 117.8





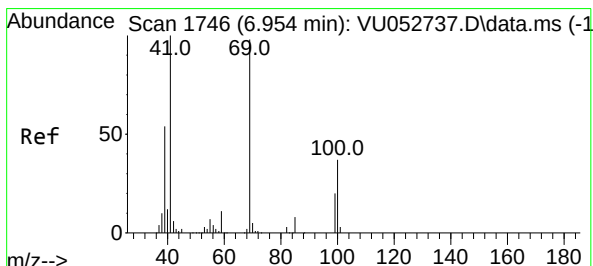
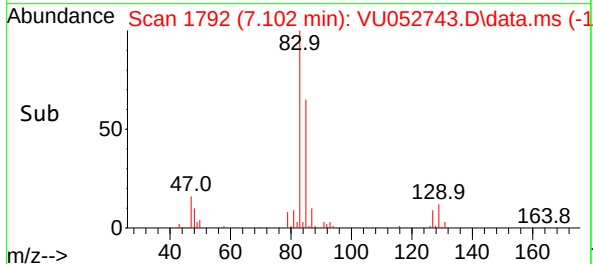
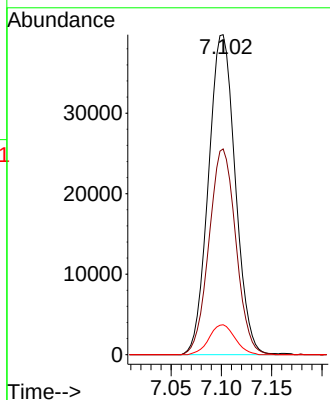
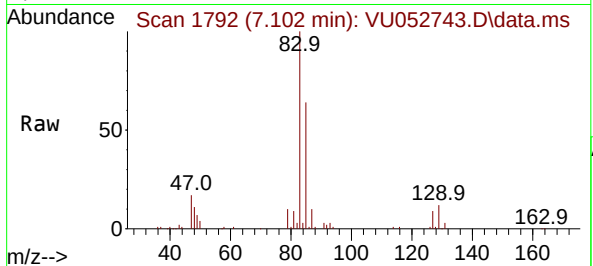
#47
Bromodichloromethane
Concen: 19.200 ug/l
RT: 7.102 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

Tgt Ion: 83 Resp: 73730
Ion Ratio Lower Upper
83 100
85 64.3 51.6 77.4
127 9.3 6.9 10.3

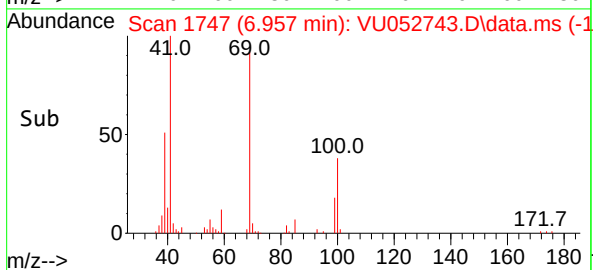
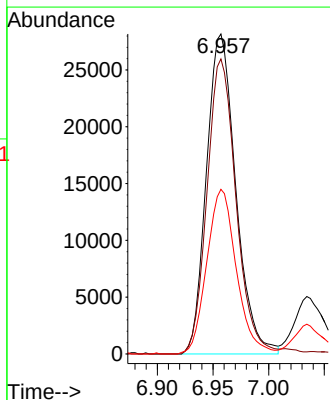
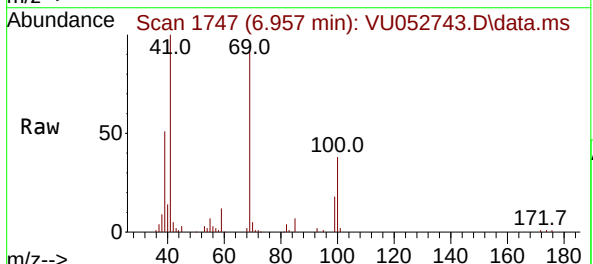
Manual Integrations
APPROVED

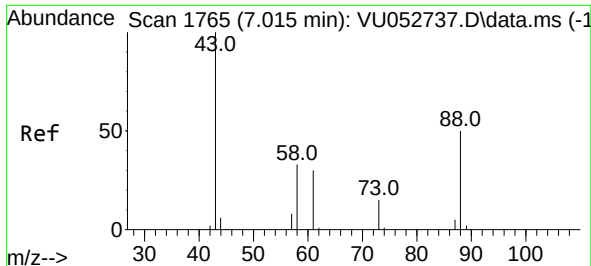
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#48
Methyl methacrylate
Concen: 21.060 ug/l
RT: 6.957 min Scan# 1747
Delta R.T. 0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 41 Resp: 51738
Ion Ratio Lower Upper
41 100
69 90.8 77.2 115.8
39 51.7 42.9 64.3





#49

1,4-Dioxane

Concen: 429.085 ug/l

RT: 7.025 min Scan# 1765

Delta R.T. 0.010 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBS01

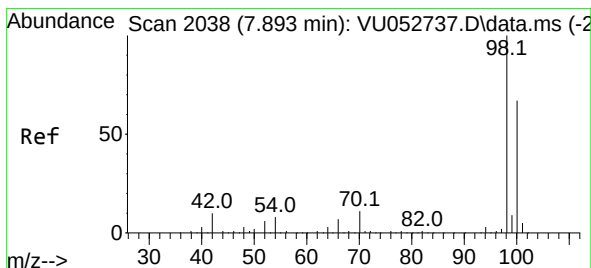
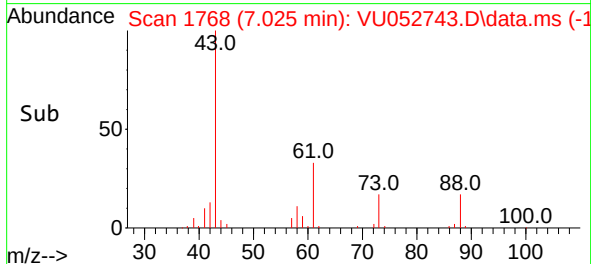
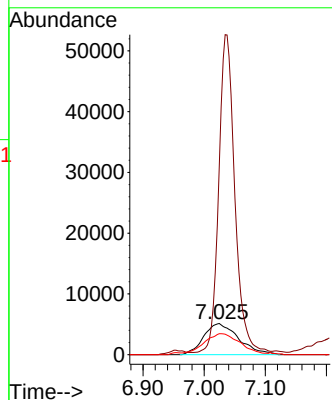
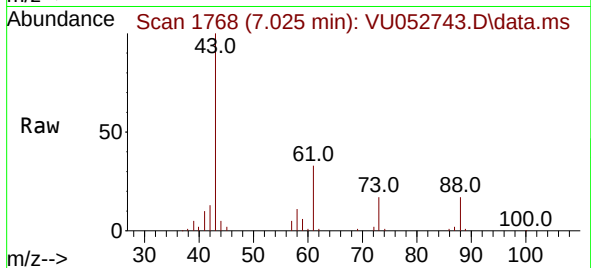
Tgt Ion: 88 Resp: 20420
 Ion Ratio Lower Upper
 88 100
 43 465.5 374.7 562.1
 58 64.2 59.2 88.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#50

Toluene-d8

Concen: 49.393 ug/l

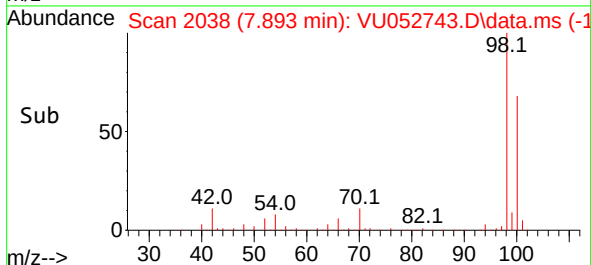
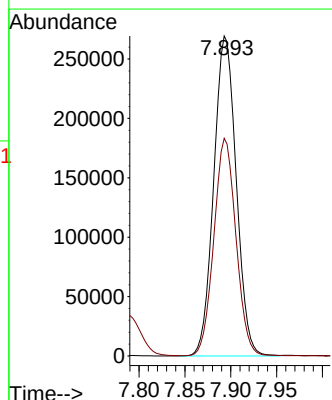
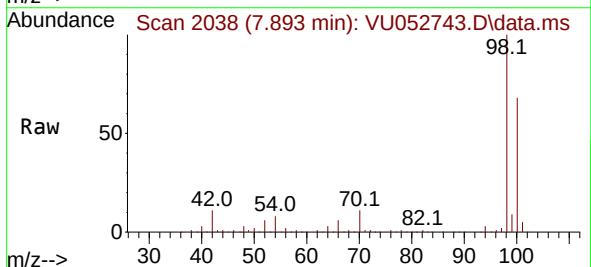
RT: 7.893 min Scan# 2038

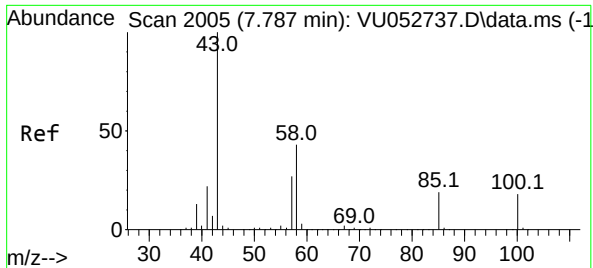
Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Tgt Ion: 98 Resp: 459356
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.7 80.5





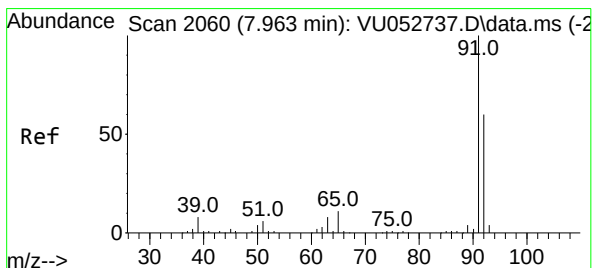
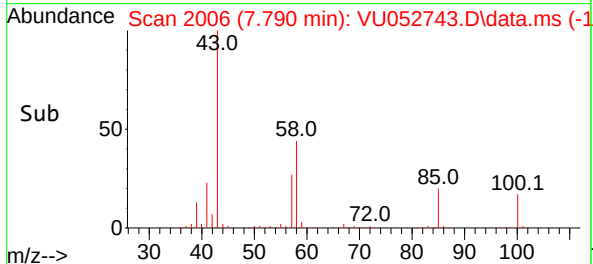
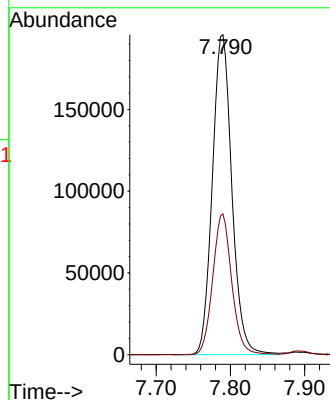
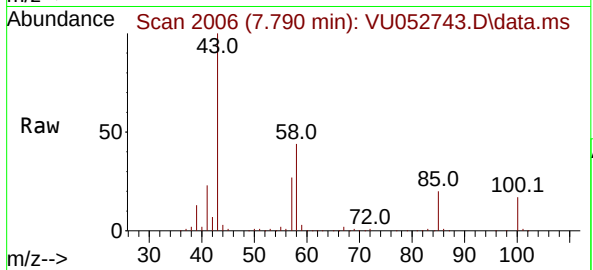
#51
4-Methyl-2-Pentanone
Concen: 102.482 ug/l
RT: 7.790 min Scan# 2005
Delta R.T. 0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

Tgt Ion: 43 Resp: 357590
Ion Ratio Lower Upper
43 100
58 42.9 34.6 52.0

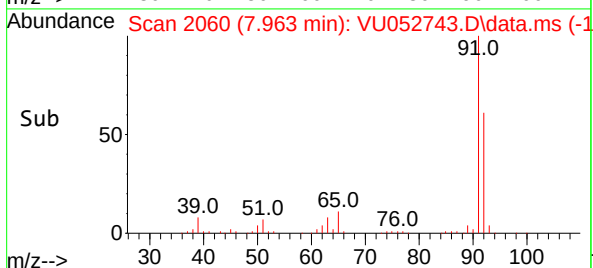
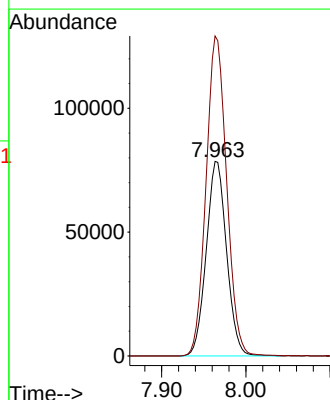
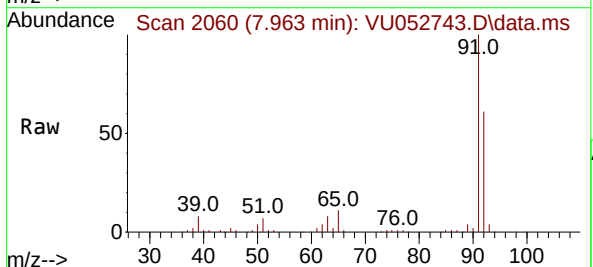
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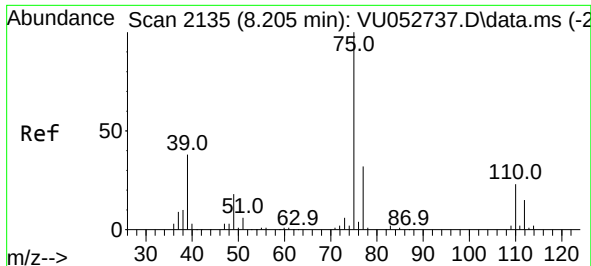
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#52
Toluene
Concen: 20.321 ug/l
RT: 7.963 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 92 Resp: 132038
Ion Ratio Lower Upper
92 100
91 166.4 134.9 202.3





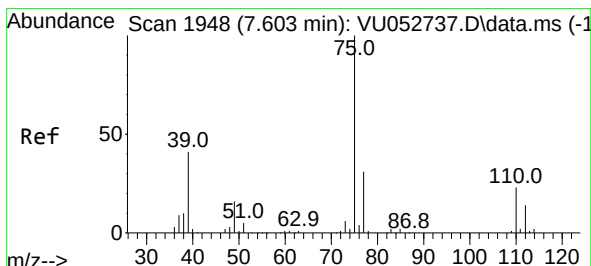
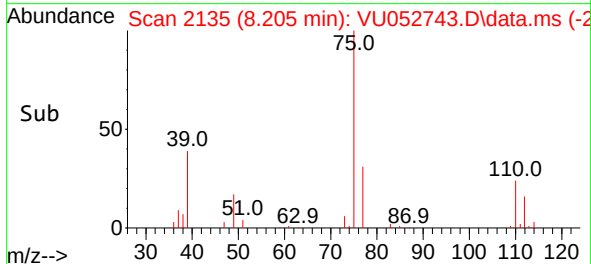
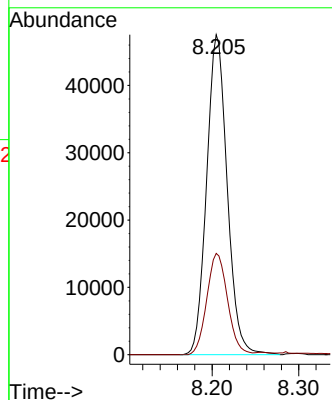
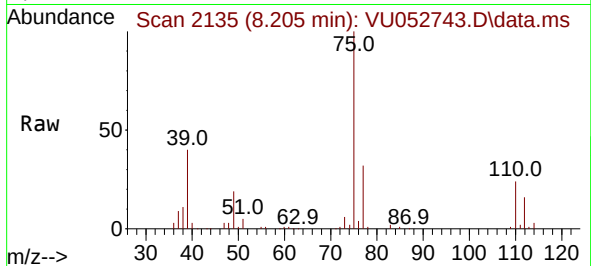
#53
 t-1,3-Dichloropropene
 Concen: 19.557 ug/l
 RT: 8.205 min Scan# 2135
 Delta R.T. -0.000 min
 Lab File: VU052743.D
 Acq: 19 Jan 2023 18:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0119WBS01

Tgt Ion: 75 Resp: 7844
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.2 37.8

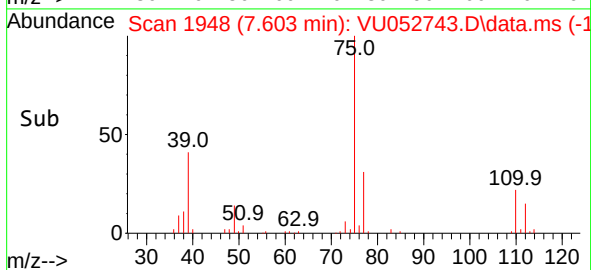
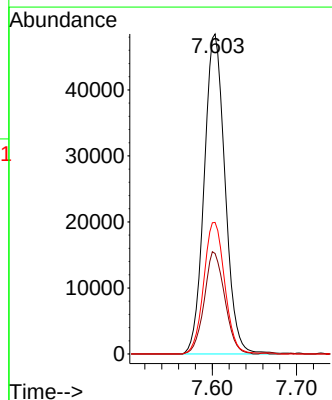
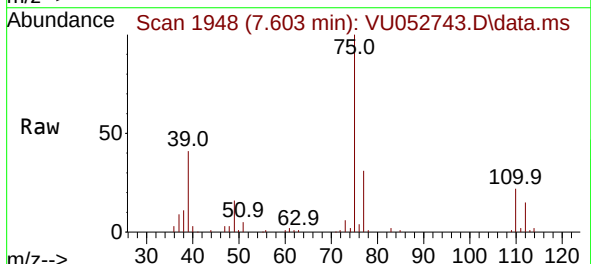
Manual Integrations
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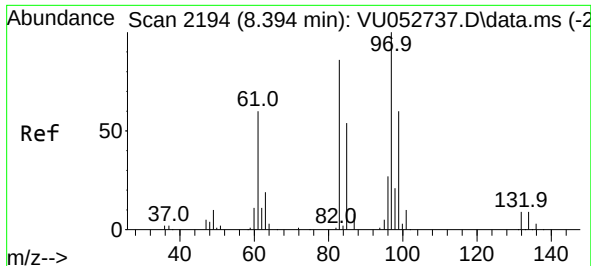
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.543 ug/l
 RT: 7.603 min Scan# 1948
 Delta R.T. -0.000 min
 Lab File: VU052743.D
 Acq: 19 Jan 2023 18:20

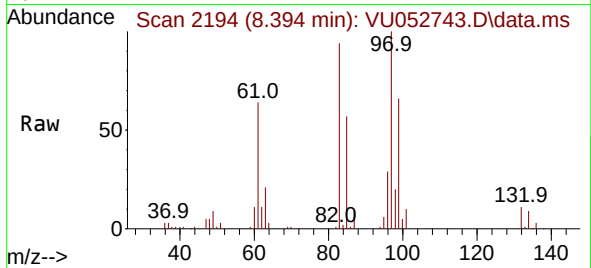
Tgt Ion: 75 Resp: 83608
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.6
 39 41.1 32.9 49.3





#55
1,1,2-Trichloroethane
Concen: 19.273 ug/l
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

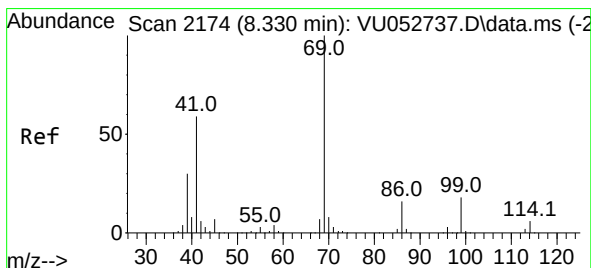
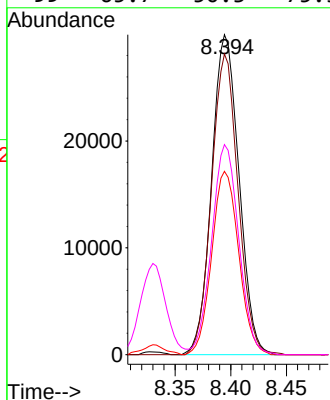
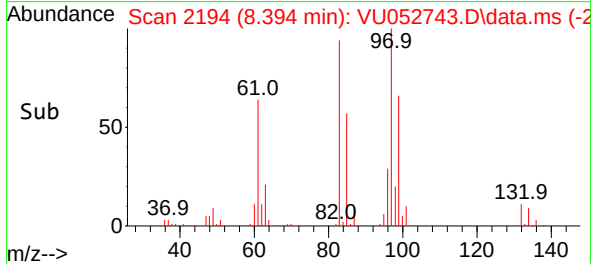
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01



Tgt Ion:	97	Resp:	51118
Ion	Ratio	Lower	Upper
97	100		
83	93.9	69.2	103.8
85	57.3	43.8	65.8
99	65.7	50.3	75.5

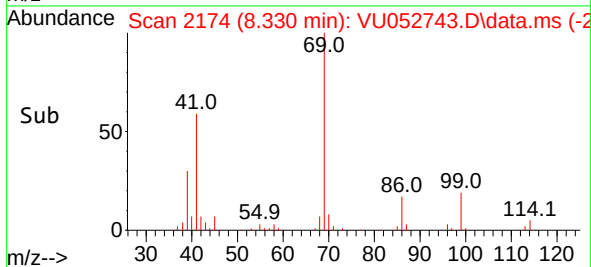
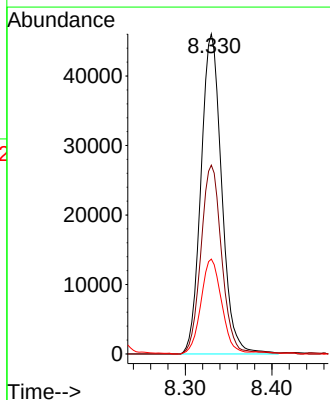
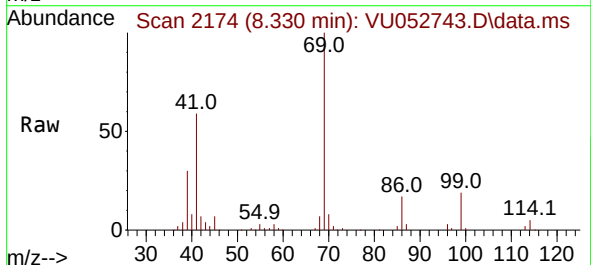
Manual Integrations
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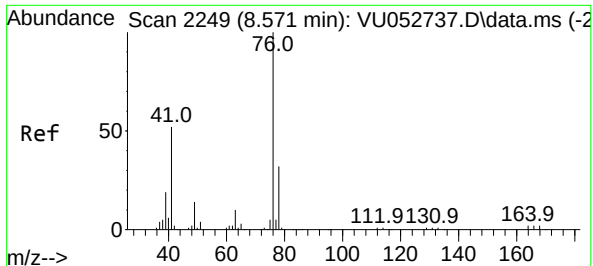
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#56
Ethyl methacrylate
Concen: 19.435 ug/l
RT: 8.330 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion:	69	Resp:	76430
Ion	Ratio	Lower	Upper
69	100		
41	59.4	47.6	71.4
39	29.7	24.3	36.5





#57

1,3-Dichloropropane

Concen: 20.166 ug/l

RT: 8.571 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBS01

Tgt Ion: 76 Resp: 9378

Ion Ratio Lower Upper

76 100

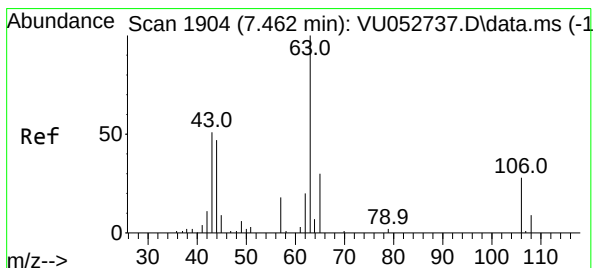
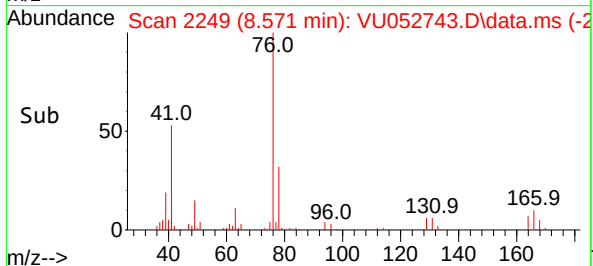
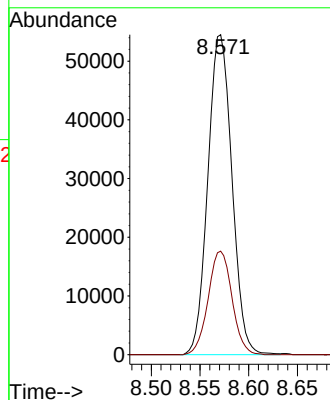
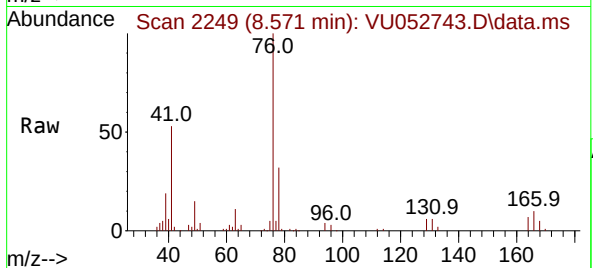
78 32.0 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 74.192 ug/l

RT: 7.459 min Scan# 1903

Delta R.T. -0.003 min

Lab File: VU052743.D

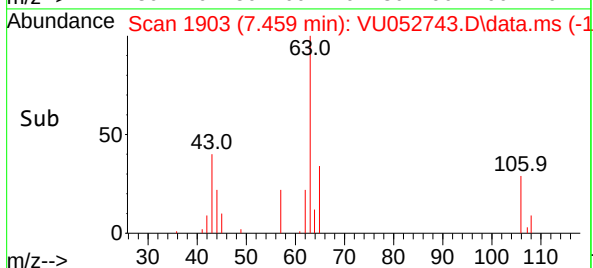
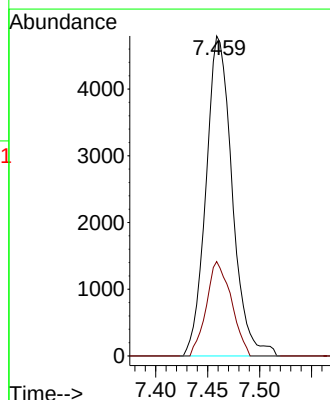
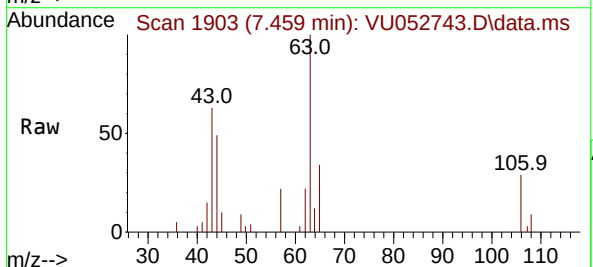
Acq: 19 Jan 2023 18:20

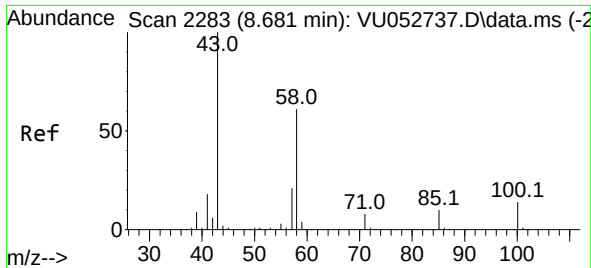
Tgt Ion: 63 Resp: 8413

Ion Ratio Lower Upper

63 100

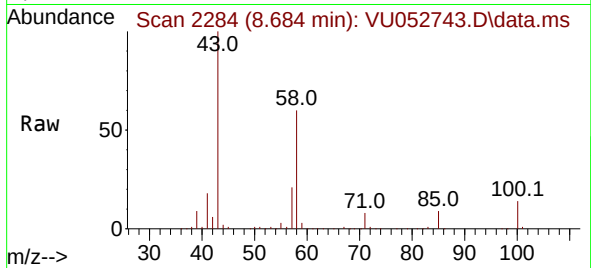
106 28.1 23.2 34.8





#59
2-Hexanone
Concen: 103.691 ug/l
RT: 8.684 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

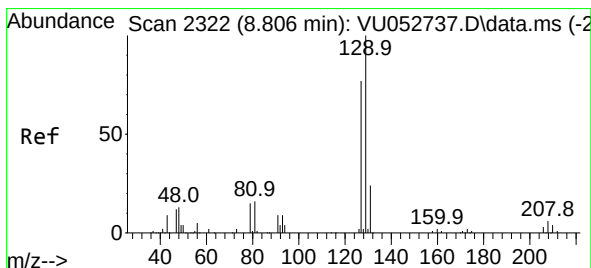
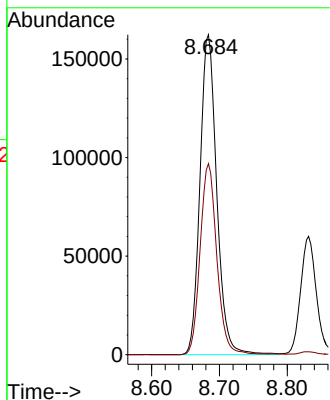
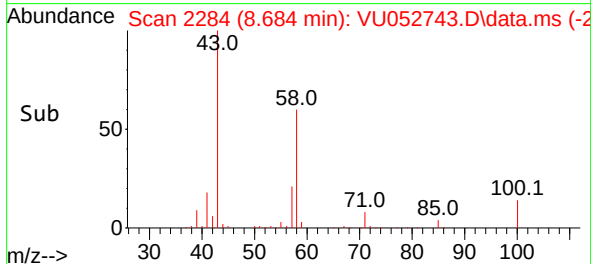
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01



Tgt Ion: 43 Resp: 278724
Ion Ratio Lower Upper
43 100
58 59.6 29.8 89.5

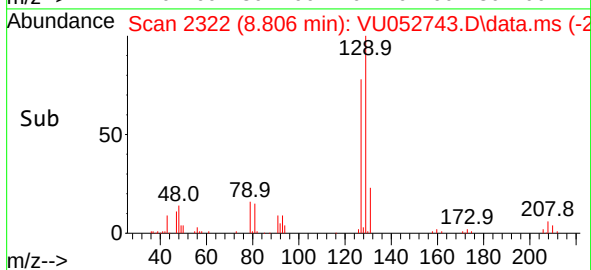
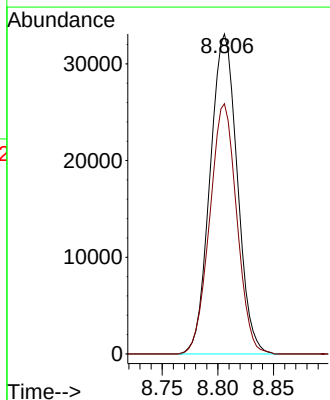
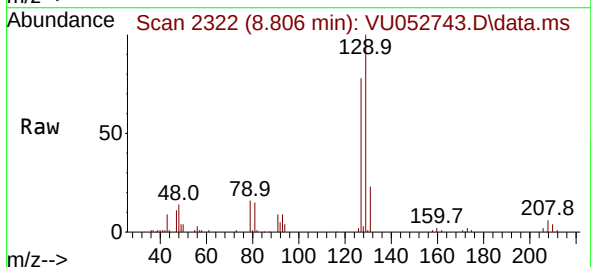
Manual Integrations
APPROVED

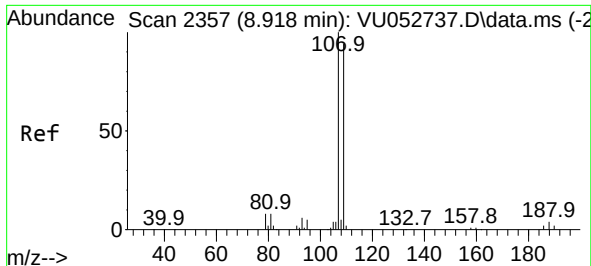
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#60
Dibromochloromethane
Concen: 19.289 ug/l
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

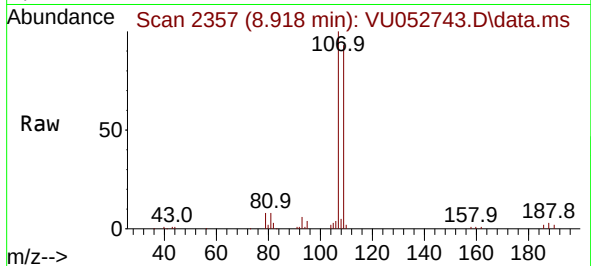
Tgt Ion:129 Resp: 56181
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2





#61
1,2-Dibromoethane
Concen: 20.100 ug/l
RT: 8.918 min Scan# 2357
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

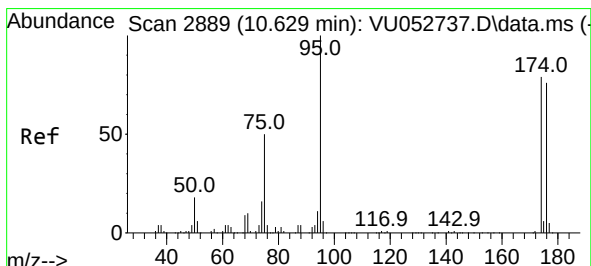
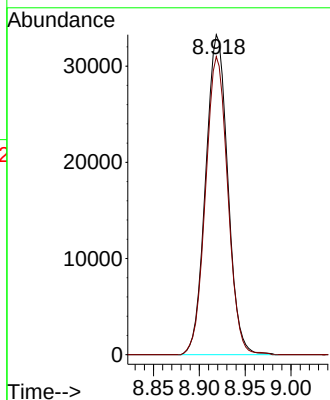
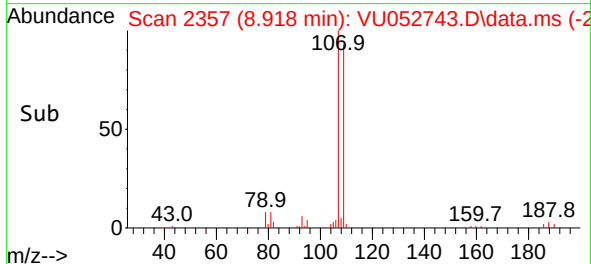
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01



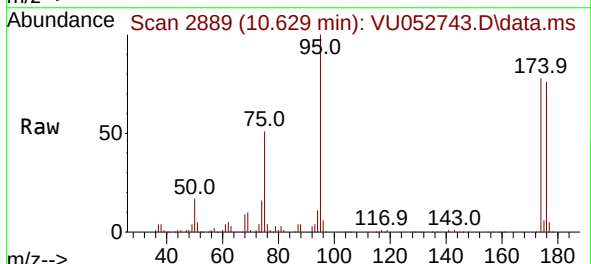
Tgt Ion:107 Resp: 5596
Ion Ratio Lower Upper
107 100
109 93.4 75.0 112.6

Manual Integrations
APPROVED

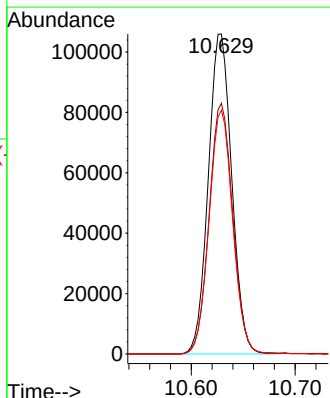
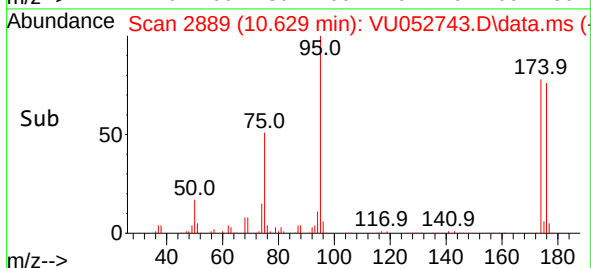
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

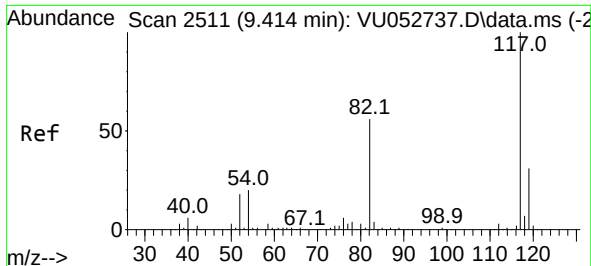


#62
4-Bromofluorobenzene
Concen: 48.944 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20



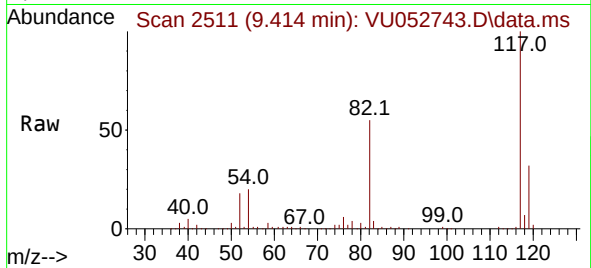
Tgt Ion: 95 Resp: 166272
Ion Ratio Lower Upper
95 100
174 79.1 0.0 158.6
176 76.7 0.0 150.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

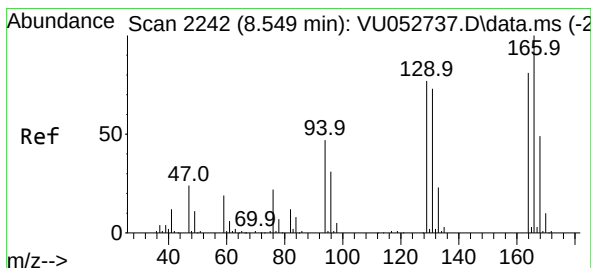
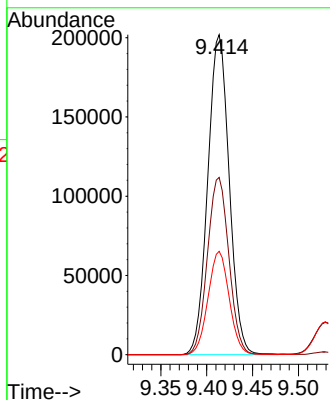
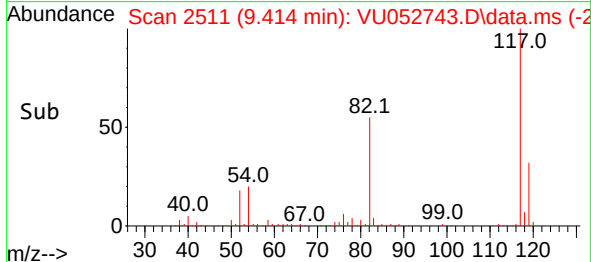
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01



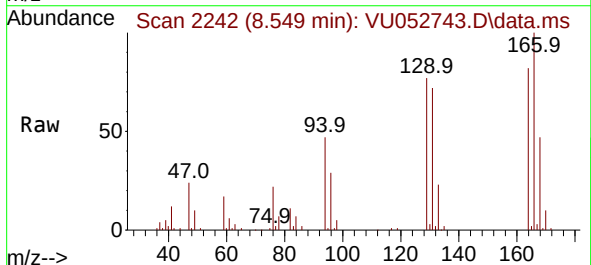
Tgt Ion:117 Resp: 32793
Ion Ratio Lower Upper
117 100
82 55.4 44.7 67.1
119 32.3 25.0 37.6

Manual Integrations
APPROVED

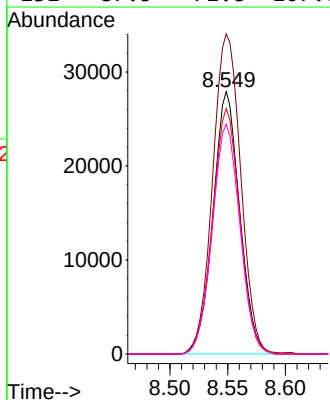
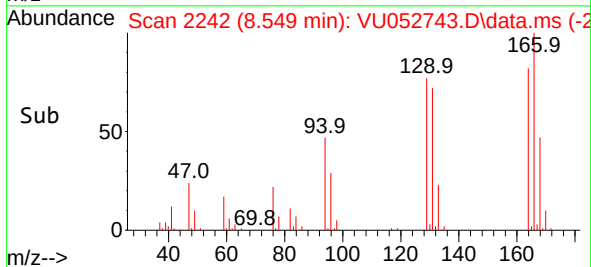
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

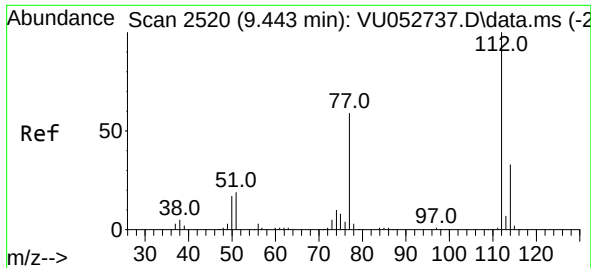


#64
Tetrachloroethene
Concen: 19.716 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20



Tgt Ion:164 Resp: 44918
Ion Ratio Lower Upper
164 100
166 121.9 98.9 148.3
129 93.5 76.0 114.0
131 87.5 71.8 107.6





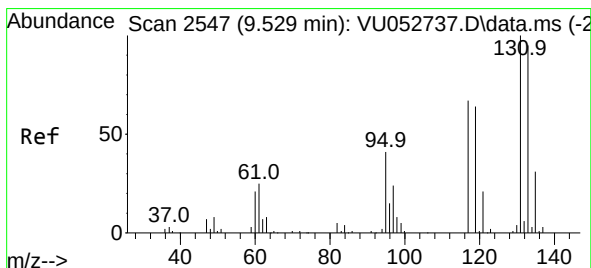
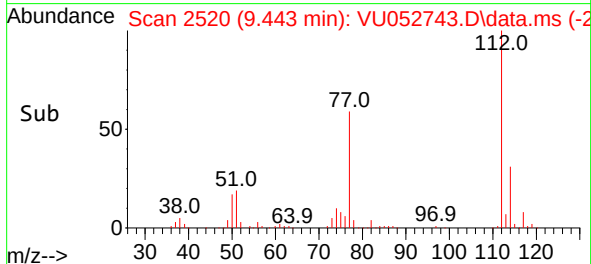
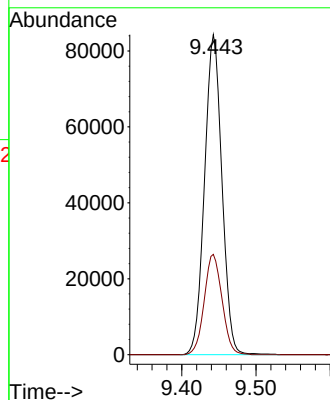
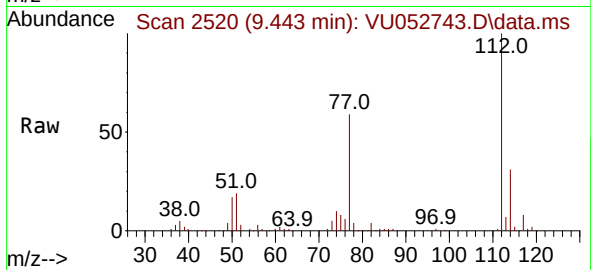
#65
Chlorobenzene
Concen: 19.726 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

Tgt Ion:112 Resp: 13688
Ion Ratio Lower Upper
112 100
114 31.4 26.1 39.1

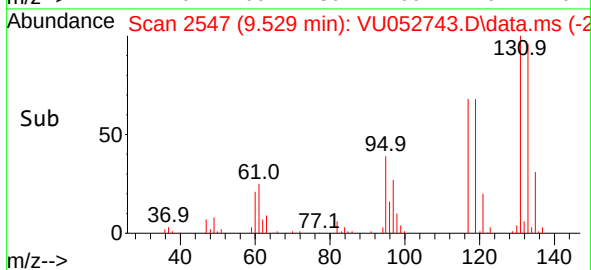
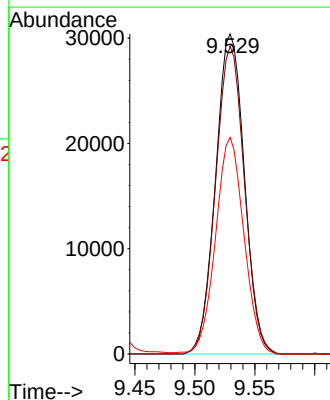
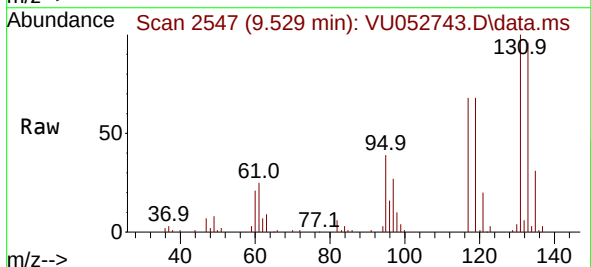
Manual Integrations
APPROVED

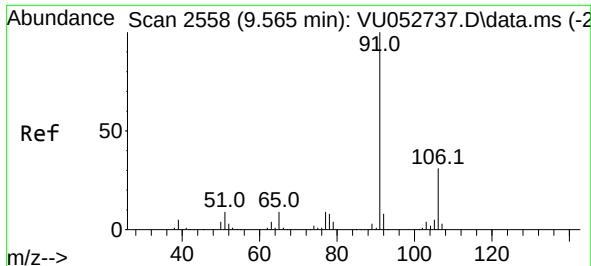
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.404 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion:131 Resp: 50476
Ion Ratio Lower Upper
131 100
133 96.9 48.4 145.0
119 67.1 32.1 96.3





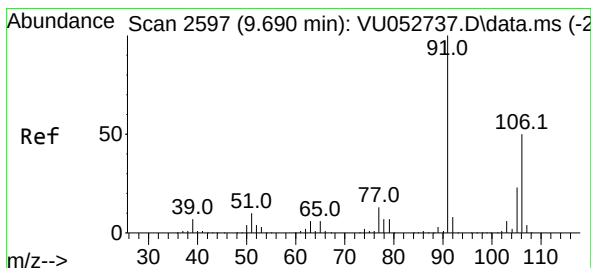
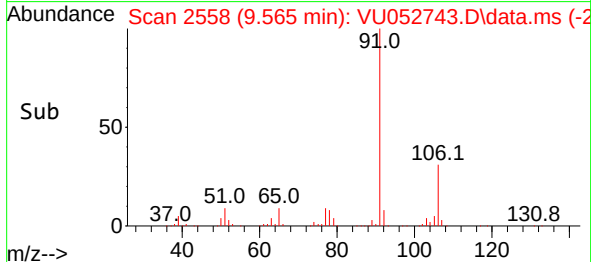
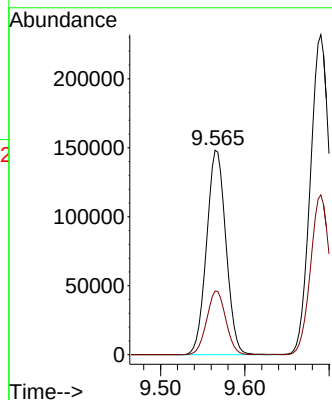
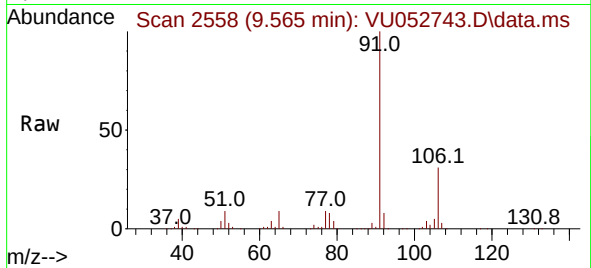
#67
Ethyl Benzene
Concen: 20.219 ug/l
RT: 9.565 min Scan# 2558
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

Tgt Ion: 91 Resp: 23711
Ion Ratio Lower Upper
91 100
106 31.1 24.6 37.0

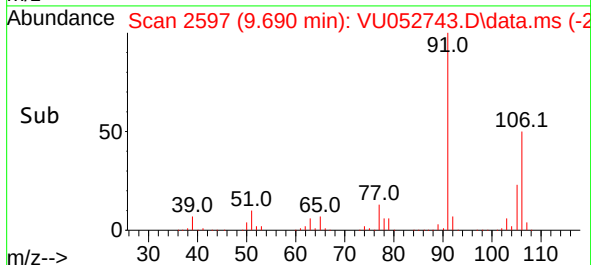
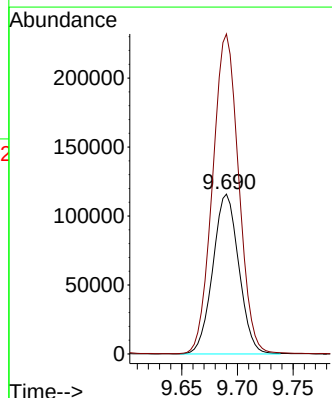
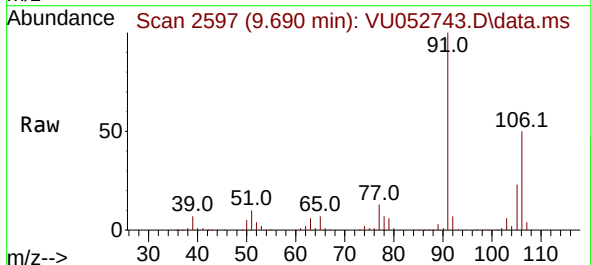
Manual Integrations
APPROVED

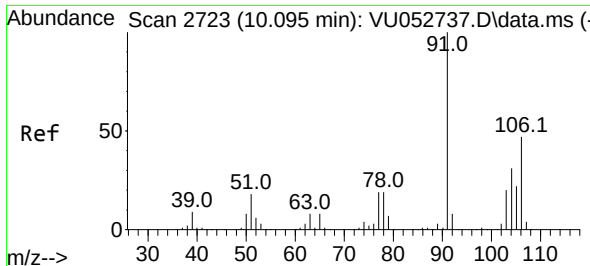
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#68
m/p-Xylenes
Concen: 41.285 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion:106 Resp: 188031
Ion Ratio Lower Upper
106 100
91 201.0 160.8 241.2





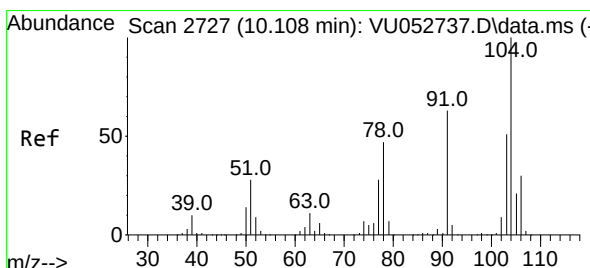
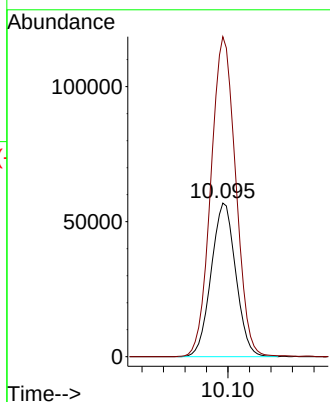
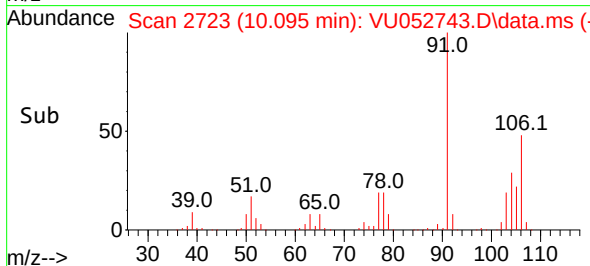
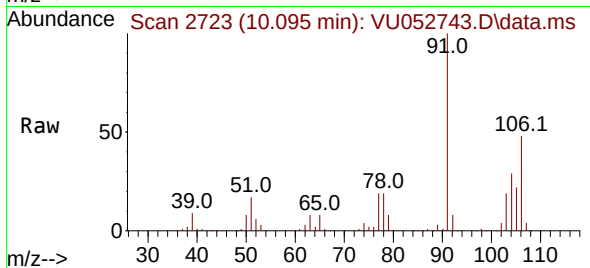
#69
o-Xylene
Concen: 20.744 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

Tgt Ion:106 Resp: 90195
Ion Ratio Lower Upper
106 100
91 211.2 107.9 323.7

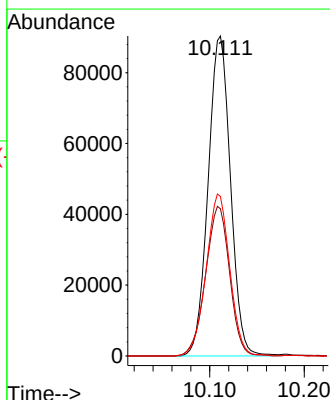
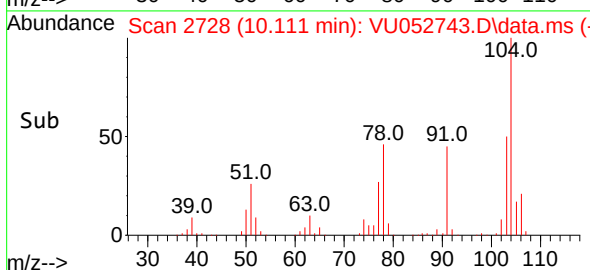
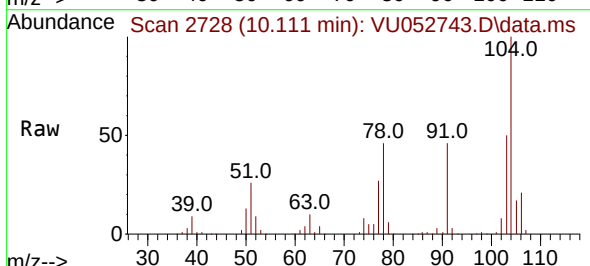
Manual Integrations
APPROVED

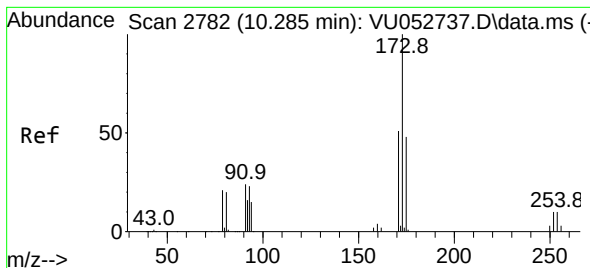
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#70
Styrene
Concen: 19.579 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion:104 Resp: 148749
Ion Ratio Lower Upper
104 100
78 50.3 39.9 59.9
103 53.3 43.4 65.2





#71

Bromoform

Concen: 19.488 ug/l

RT: 10.285 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBS01

Tgt Ion:173 Resp: 42338

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.2

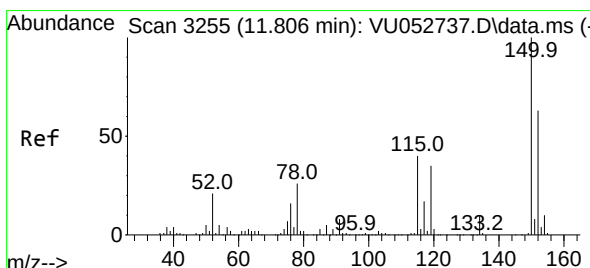
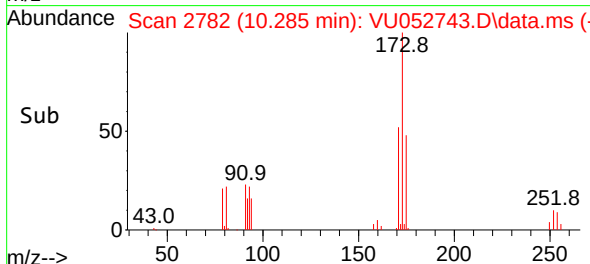
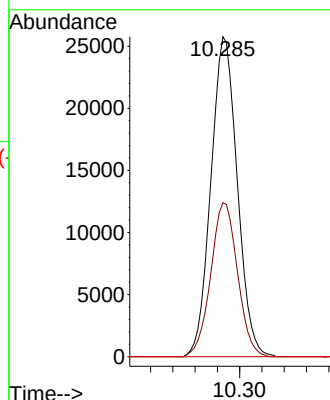
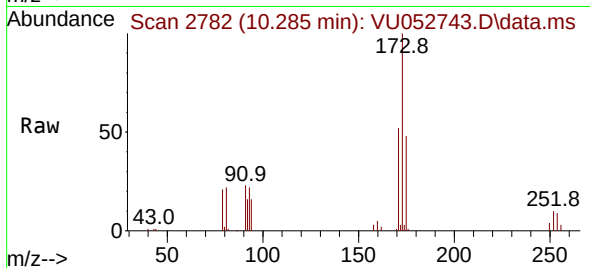
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.806 min Scan# 3255

Delta R.T. -0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

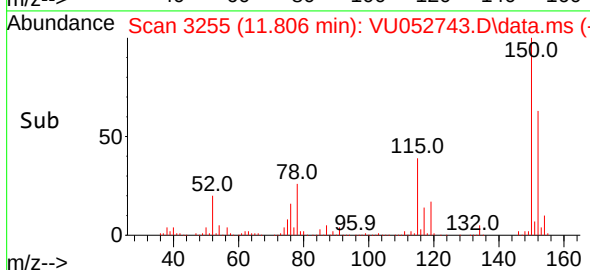
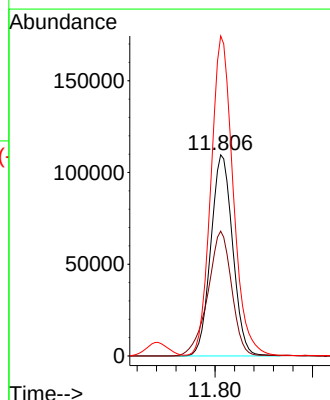
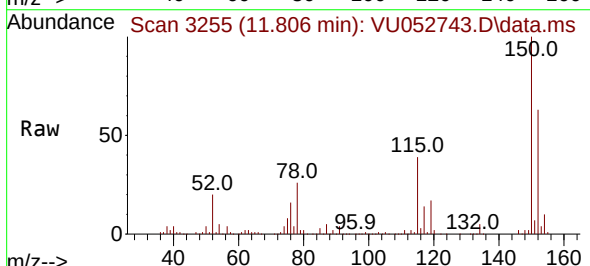
Tgt Ion:152 Resp: 170600

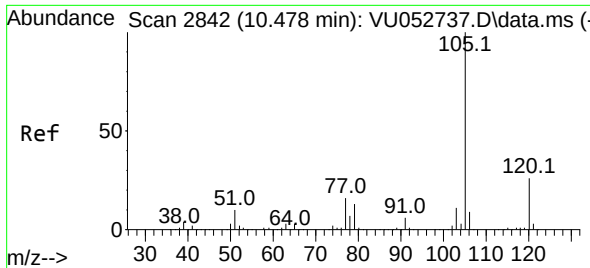
Ion Ratio Lower Upper

152 100

115 67.6 41.7 125.1

150 162.1 0.0 349.2





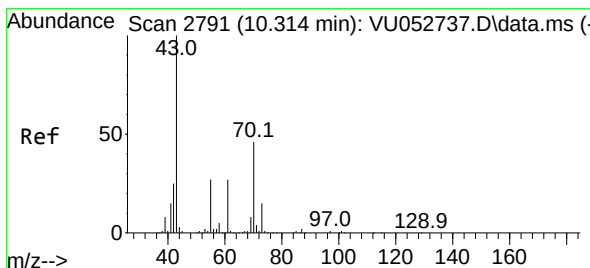
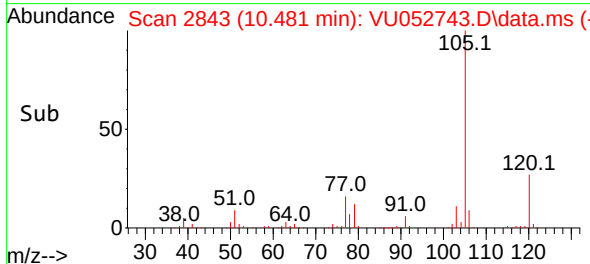
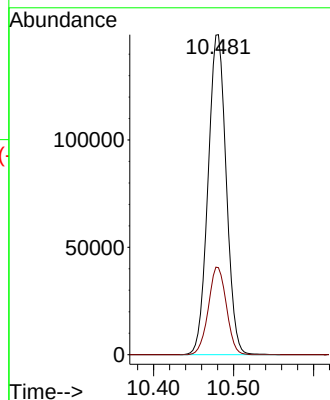
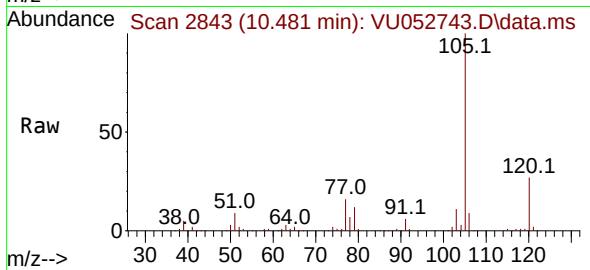
#73
Isopropylbenzene
Concen: 20.968 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

Tgt Ion:105 Resp: 23565
Ion Ratio Lower Upper
105 100
120 27.1 13.2 39.5

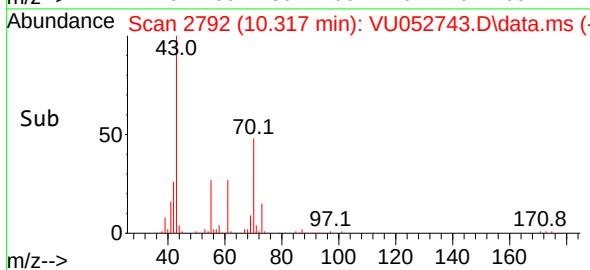
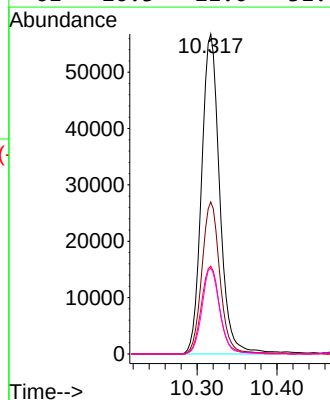
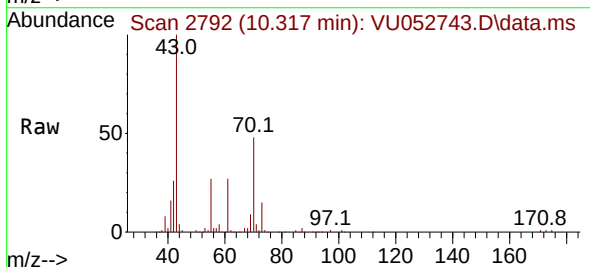
Manual Integrations
APPROVED

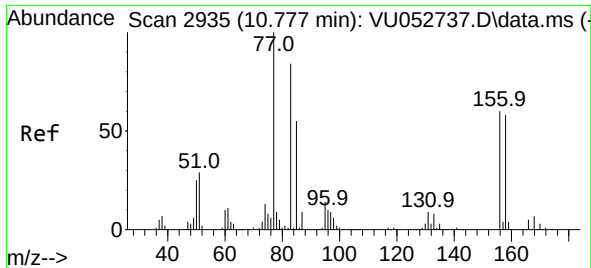
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#74
N-ethyl acetate
Concen: 20.971 ug/l
RT: 10.317 min Scan# 2792
Delta R.T. 0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 43 Resp: 89791
Ion Ratio Lower Upper
43 100
70 47.3 37.9 56.9
55 28.1 21.9 32.9
61 26.3 21.0 31.6





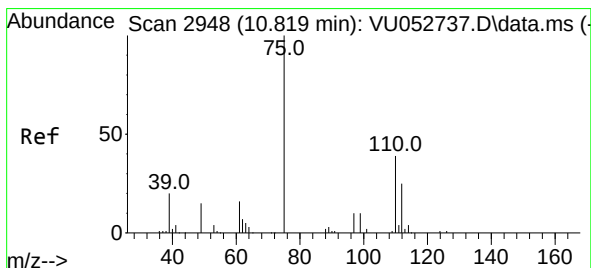
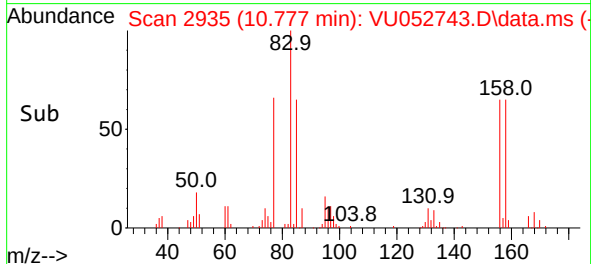
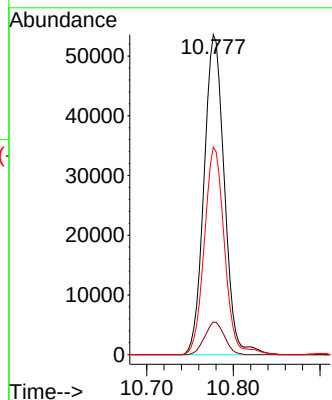
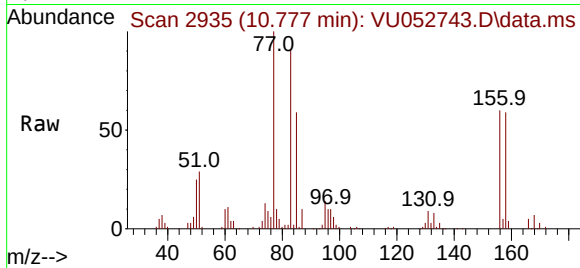
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.604 ug/l
 RT: 10.777 min Scan# 2935
 Delta R.T. -0.000 min
 Lab File: VU052743.D
 Acq: 19 Jan 2023 18:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0119WBS01

Tgt Ion: 83 Resp: 87292
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 14.9
 85 64.4 32.3 96.8

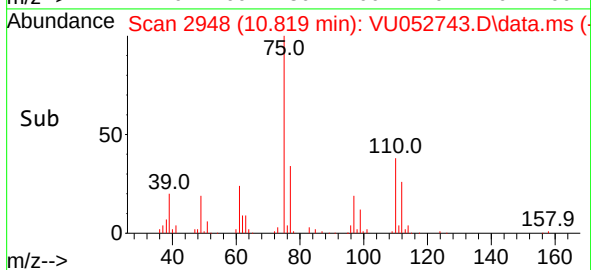
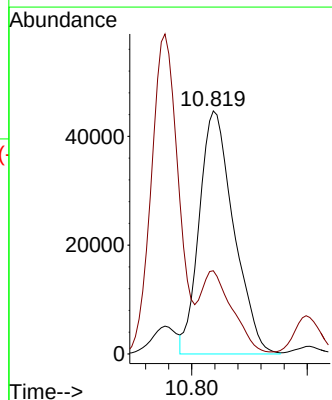
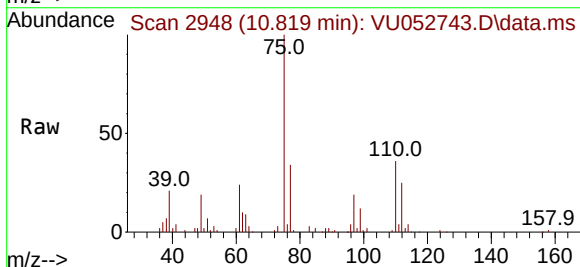
Manual Integrations
 APPROVED

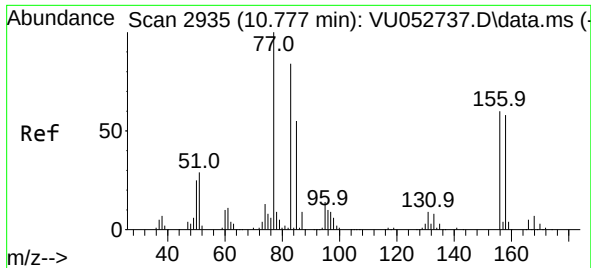
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#76
 1,2,3-Trichloropropane
 Concen: 19.880 ug/l
 RT: 10.819 min Scan# 2948
 Delta R.T. -0.000 min
 Lab File: VU052743.D
 Acq: 19 Jan 2023 18:20

Tgt Ion: 75 Resp: 92551
 Ion Ratio Lower Upper
 75 100
 77 31.5 15.0 45.1





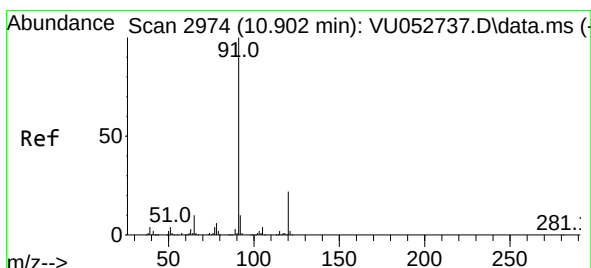
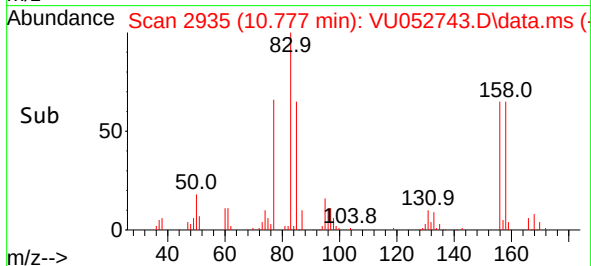
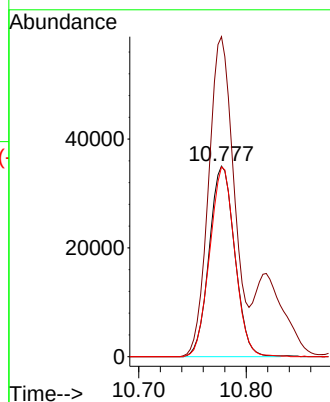
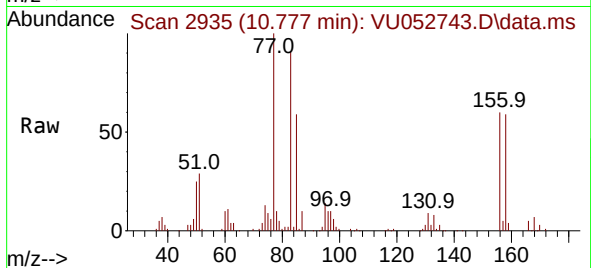
#77
Bromobenzene
Concen: 19.865 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

Tgt Ion:156 Resp: 5774
Ion Ratio Lower Upper
156 100
77 166.9 83.8 251.4
158 98.0 48.7 146.1

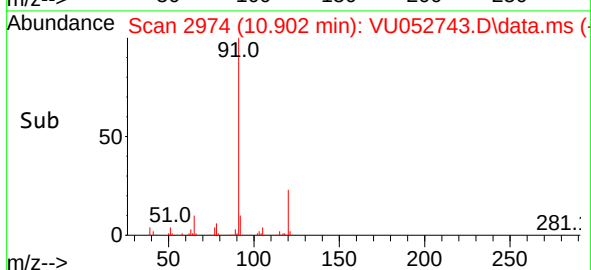
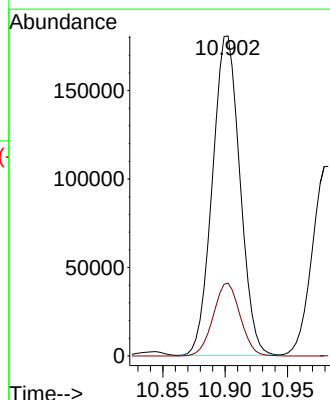
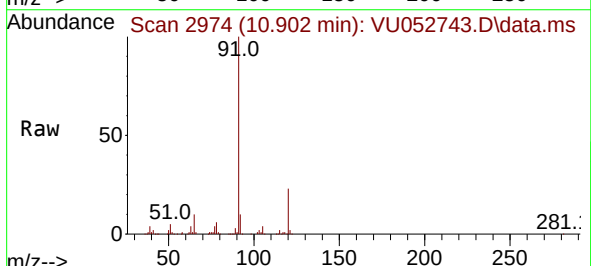
Manual Integrations
APPROVED

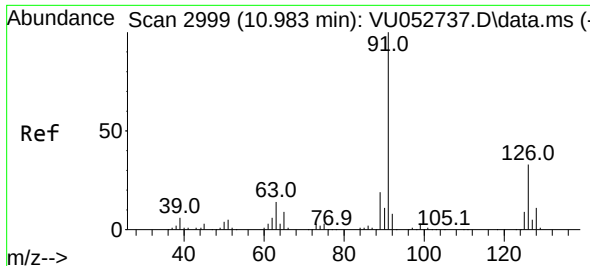
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#78
n-propylbenzene
Concen: 21.017 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion: 91 Resp: 277799
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.8





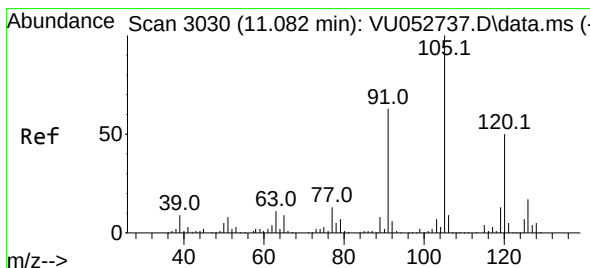
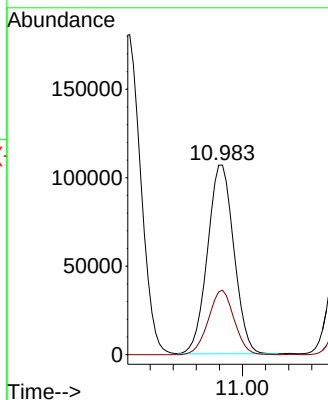
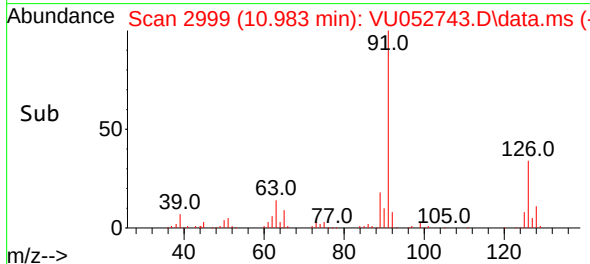
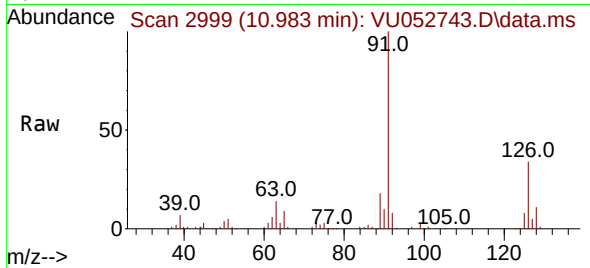
#79
2-Chlorotoluene
Concen: 20.734 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

Tgt Ion: 91 Resp: 16935
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0

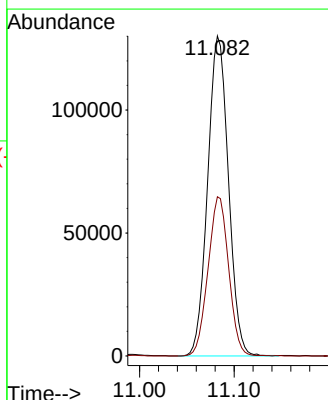
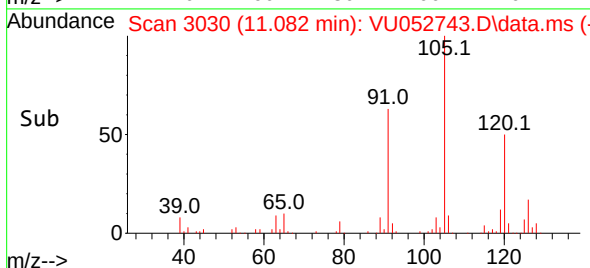
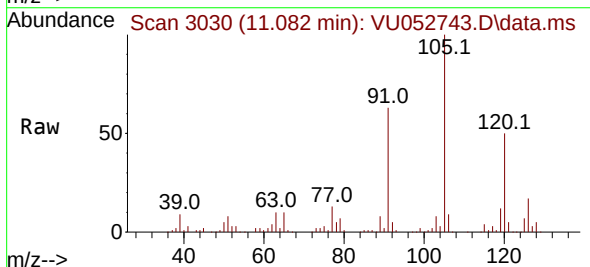
Manual Integrations
APPROVED

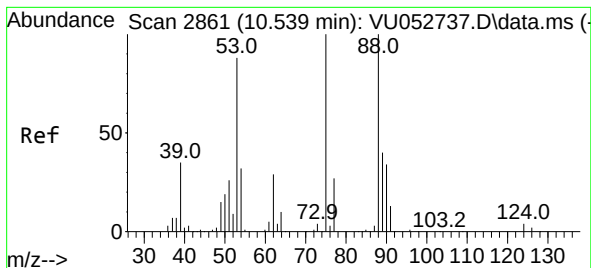
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.292 ug/l
RT: 11.082 min Scan# 3030
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion:105 Resp: 198800
Ion Ratio Lower Upper
105 100
120 49.3 25.1 75.2





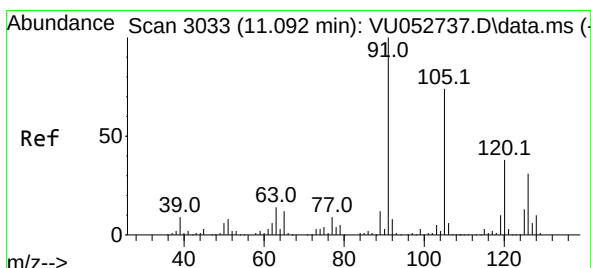
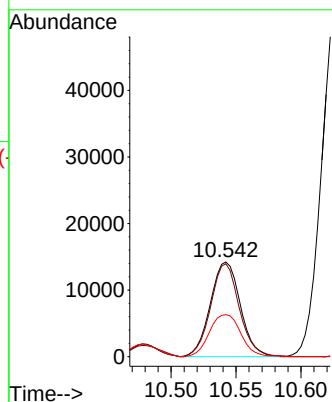
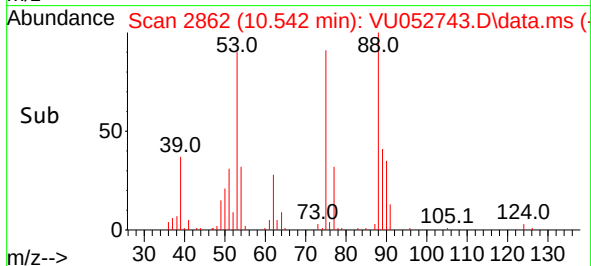
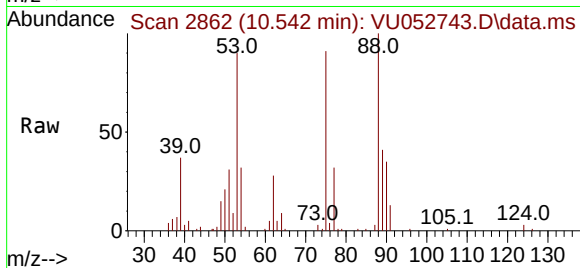
#81
trans-1,4-Dichloro-2-butene
Concen: 19.059 ug/l
RT: 10.542 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01

Tgt Ion: 75 Resp: 22834
Ion Ratio Lower Upper
75 100
53 93.9 72.4 108.6
89 46.5 35.0 52.4

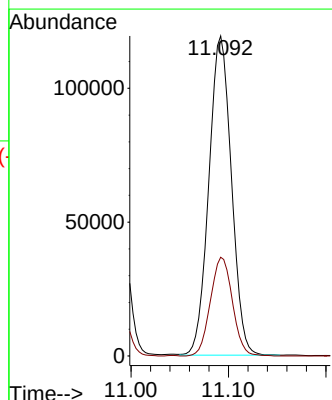
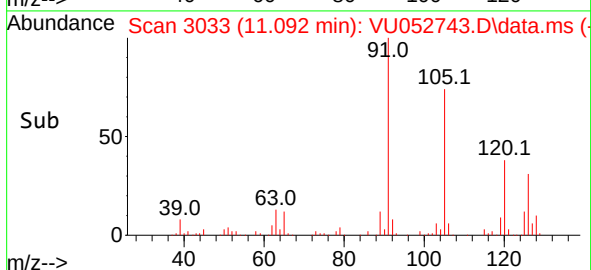
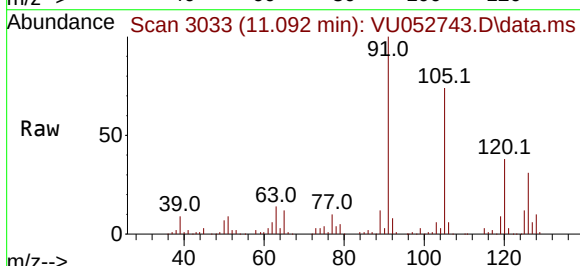
Manual Integrations
APPROVED

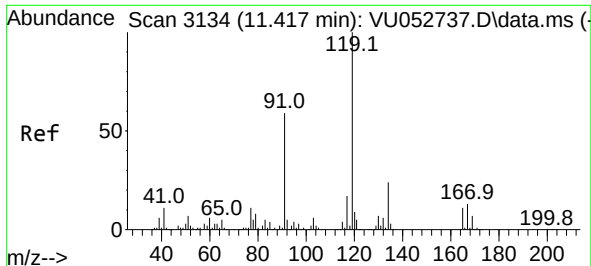
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#82
4-Chlorotoluene
Concen: 20.561 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

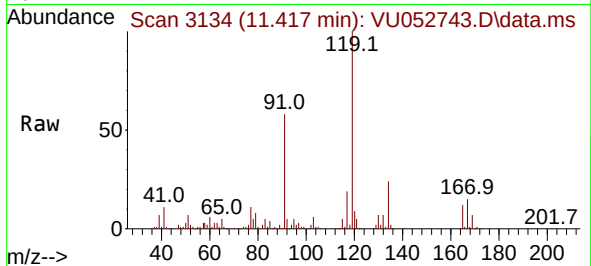
Tgt Ion: 91 Resp: 191420
Ion Ratio Lower Upper
91 100
126 30.2 14.9 44.7





#83
tert-Butylbenzene
Concen: 20.561 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

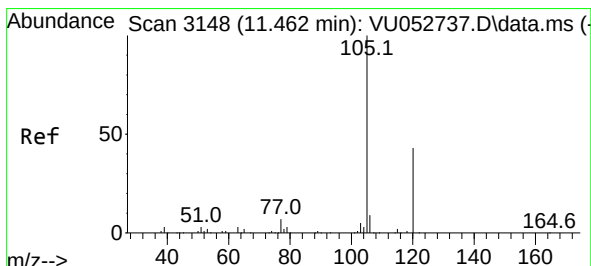
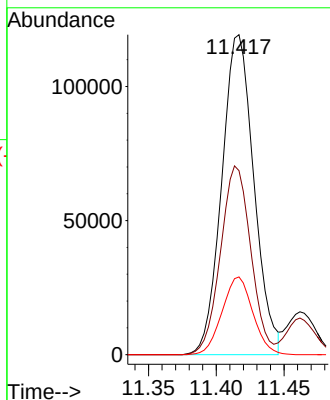
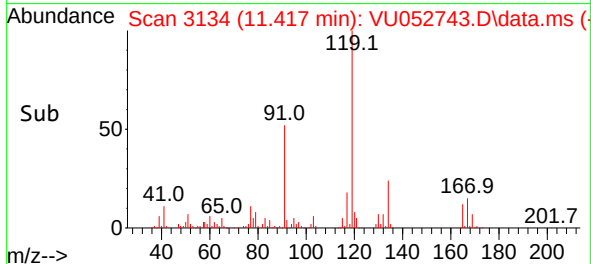
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01



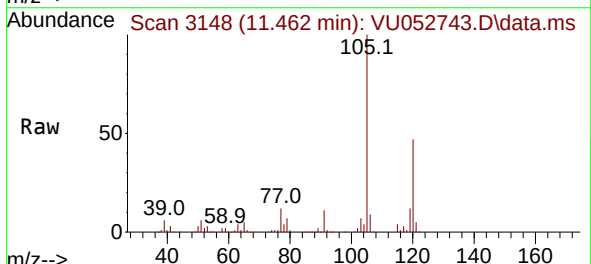
Tgt Ion:119 Resp: 197038
Ion Ratio Lower Upper
119 100
91 55.7 28.4 85.2
134 23.2 11.5 34.5

Manual Integrations
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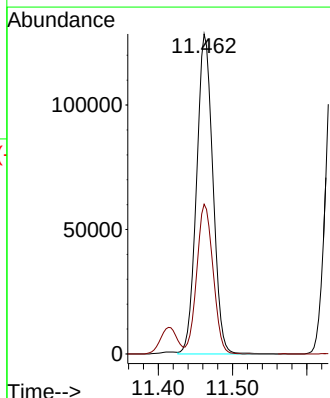
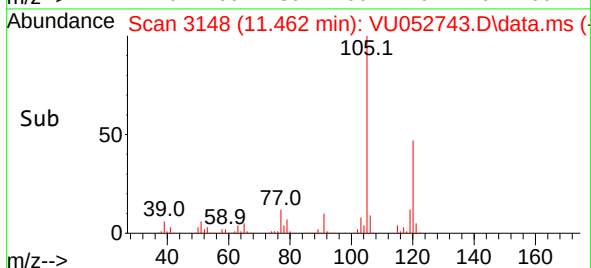
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

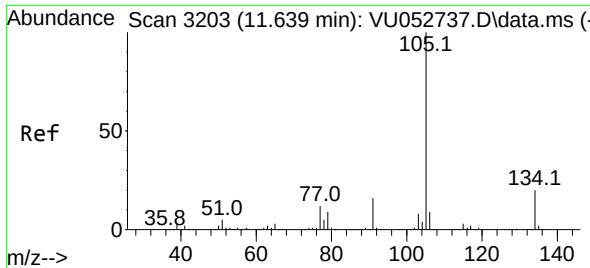


#84
1,2,4-Trimethylbenzene
Concen: 21.218 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20



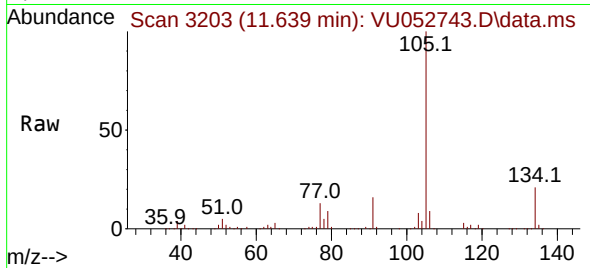
Tgt Ion:105 Resp: 196631
Ion Ratio Lower Upper
105 100
120 46.7 23.2 69.5





#85
 sec-Butylbenzene
 Concen: 21.144 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU052743.D
 Acq: 19 Jan 2023 18:20

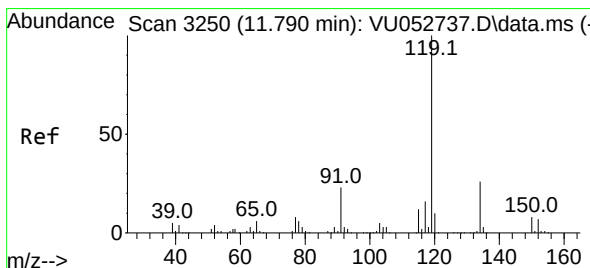
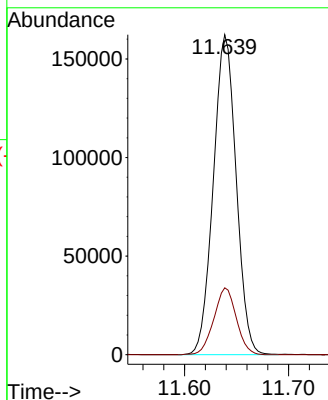
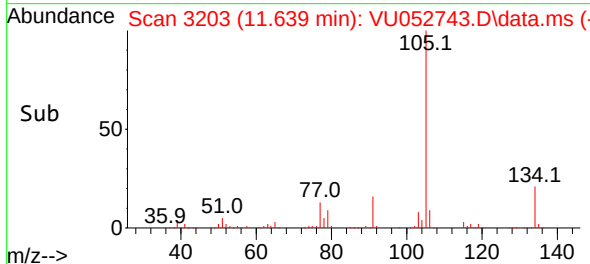
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0119WBS01



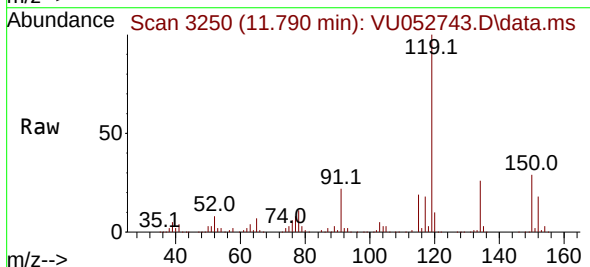
Tgt Ion:105 Resp: 24803
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.3

Manual Integrations
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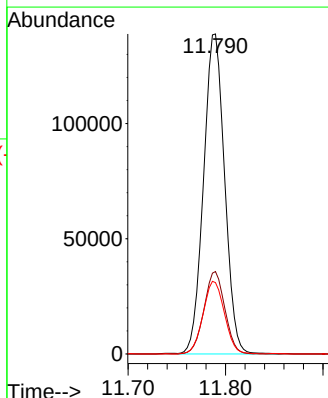
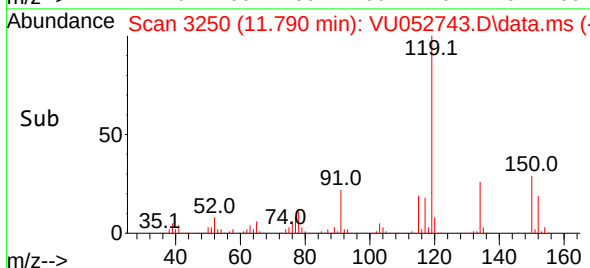
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

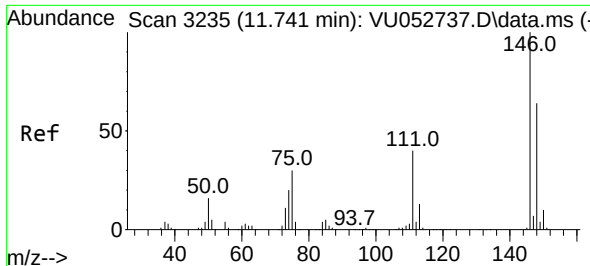


#86
 p-Isopropyltoluene
 Concen: 20.948 ug/l
 RT: 11.790 min Scan# 3250
 Delta R.T. -0.000 min
 Lab File: VU052743.D
 Acq: 19 Jan 2023 18:20



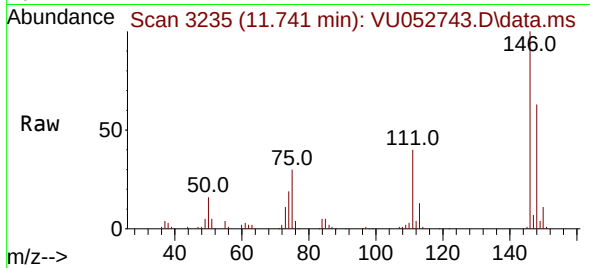
Tgt Ion:119 Resp: 208953
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.1 39.1
 91 23.1 11.5 34.5





#87
1,3-Dichlorobenzene
Concen: 19.765 ug/l
RT: 11.741 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

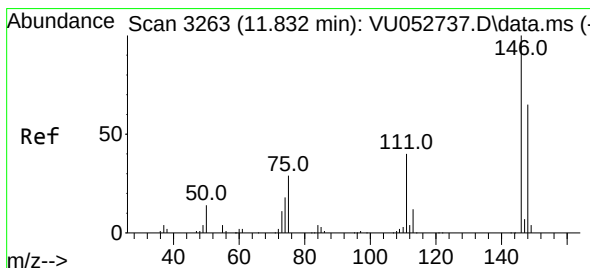
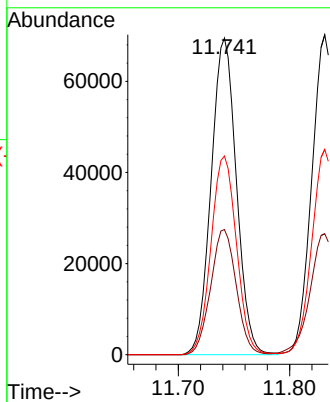
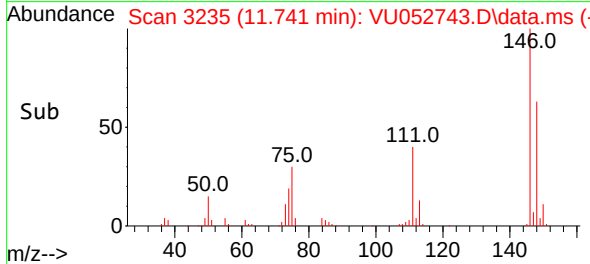
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01



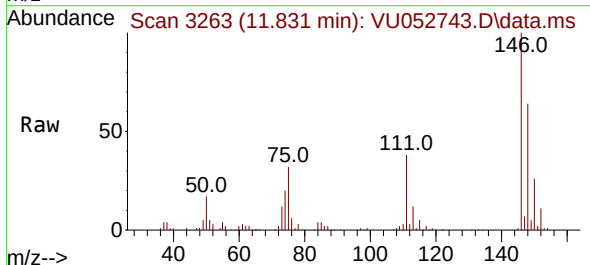
Tgt Ion:146 Resp: 10951
Ion Ratio Lower Upper
146 100
111 40.0 20.1 60.2
148 63.5 31.6 94.7

Manual Integrations
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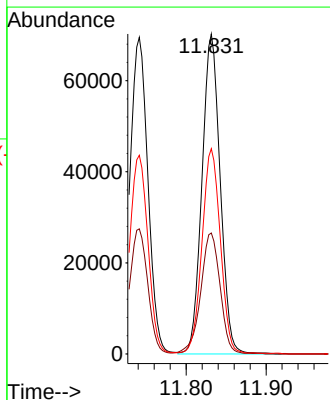
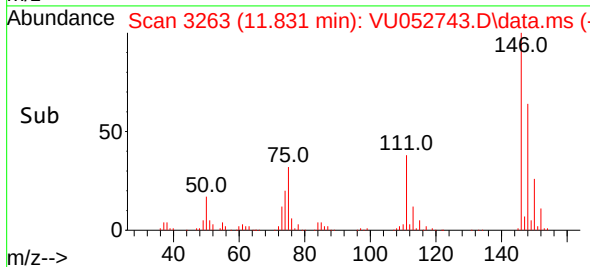
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

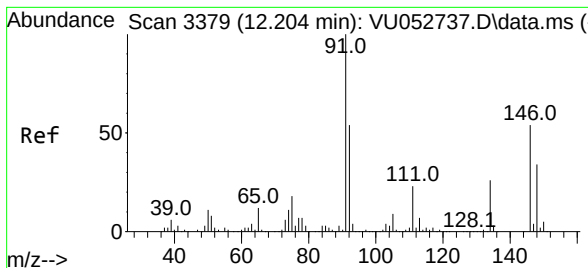


#88
1,4-Dichlorobenzene
Concen: 19.557 ug/l
RT: 11.831 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20



Tgt Ion:146 Resp: 111414
Ion Ratio Lower Upper
146 100
111 39.9 20.3 61.0
148 64.5 32.3 96.8





#89

n-Butylbenzene

Concen: 18.816 ug/l

RT: 12.204 min Scan# 3379

Delta R.T. 0.000 min

Lab File: VU052743.D

Acq: 19 Jan 2023 18:20

Instrument :

MSVOA_U

ClientSampleId :

VU0119WBS01

Tgt Ion: 91 Resp: 16697

Ion Ratio Lower Upper

91 100

92 54.1 26.8 80.3

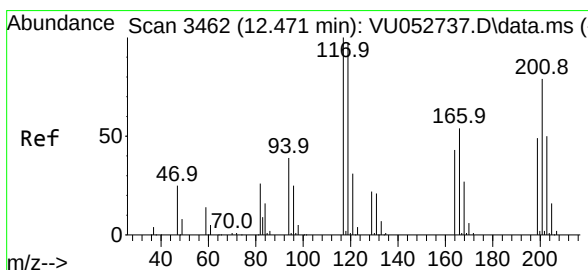
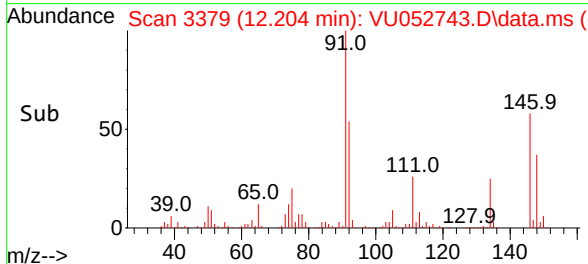
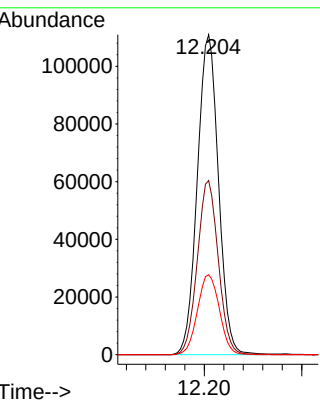
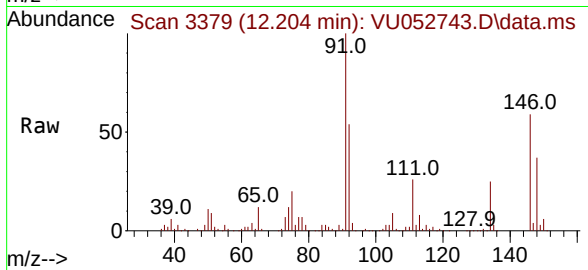
134 25.9 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#90

Hexachloroethane

Concen: 18.232 ug/l

RT: 12.471 min Scan# 3462

Delta R.T. -0.000 min

Lab File: VU052743.D

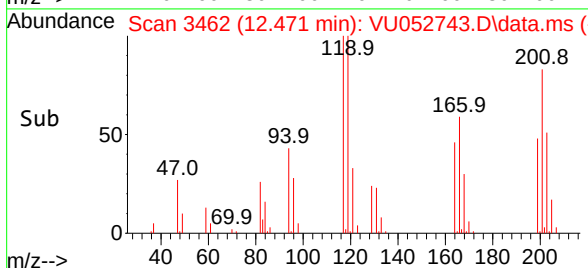
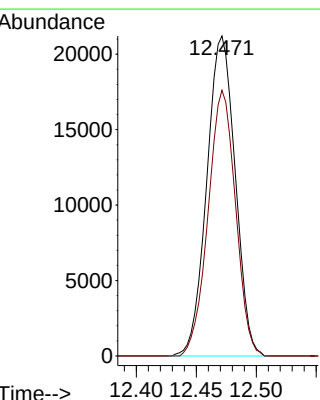
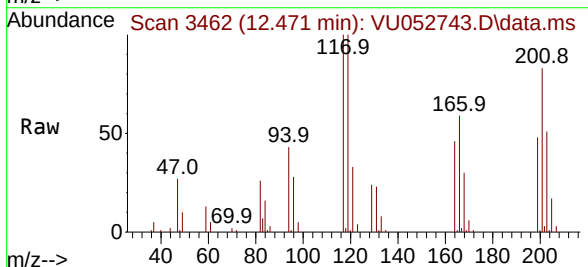
Acq: 19 Jan 2023 18:20

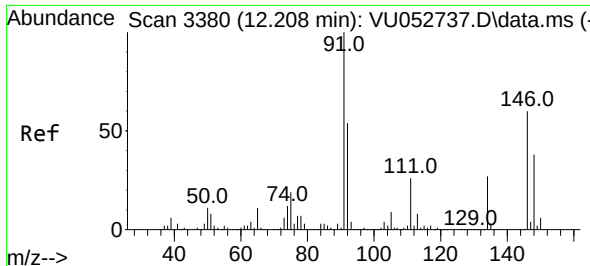
Tgt Ion:117 Resp: 34891

Ion Ratio Lower Upper

117 100

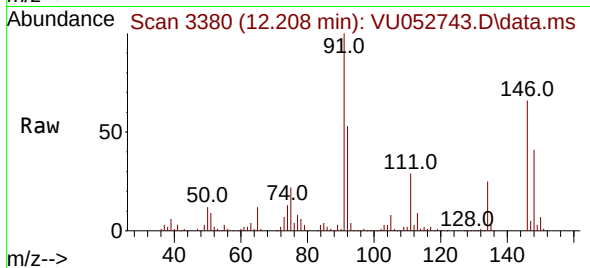
201 80.2 39.3 117.9





#91
1,2-Dichlorobenzene
Concen: 19.680 ug/l
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

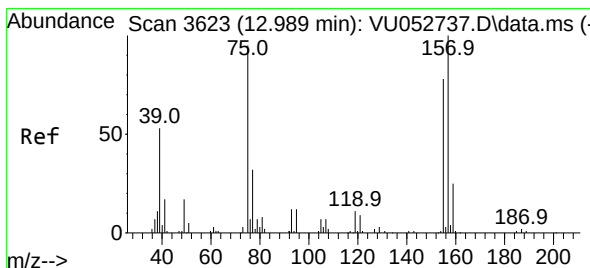
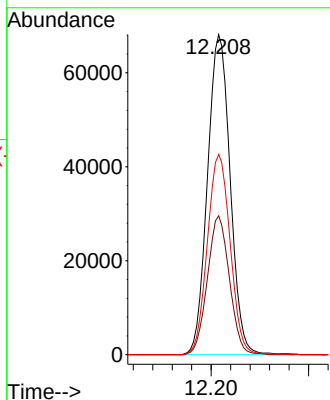
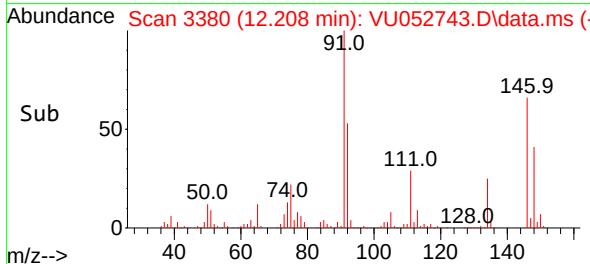
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01



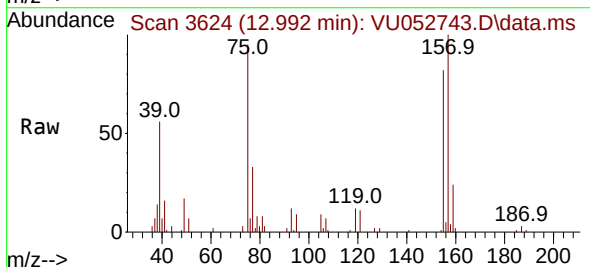
Tgt Ion:146 Resp: 10996
Ion Ratio Lower Upper
146 100
111 42.1 21.1 63.1
148 63.2 31.4 94.0

Manual Integrations
APPROVED

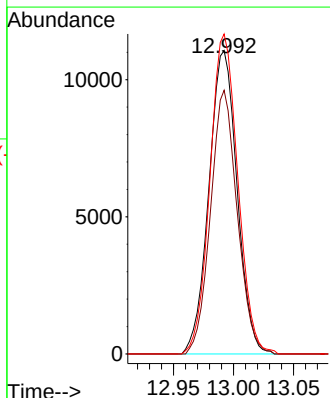
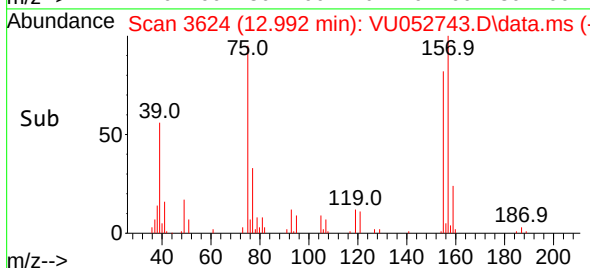
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

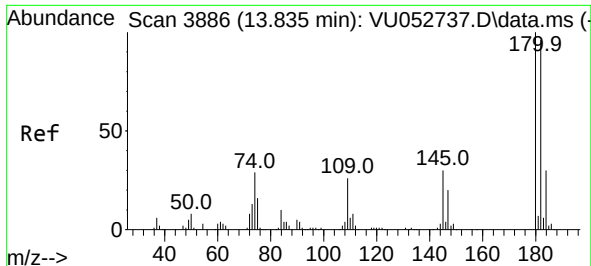


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.565 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. 0.003 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20



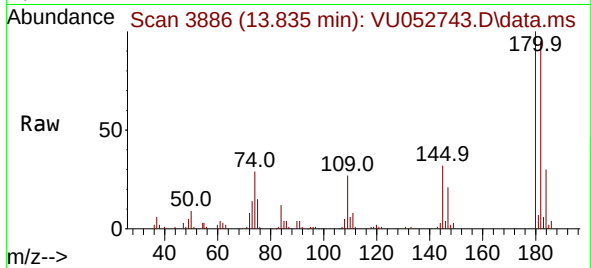
Tgt Ion: 75 Resp: 18077
Ion Ratio Lower Upper
75 100
155 82.5 41.4 124.4
157 104.3 53.4 160.2





#93
1,2,4-Trichlorobenzene
Concen: 19.060 ug/l
RT: 13.835 min Scan# 3886
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

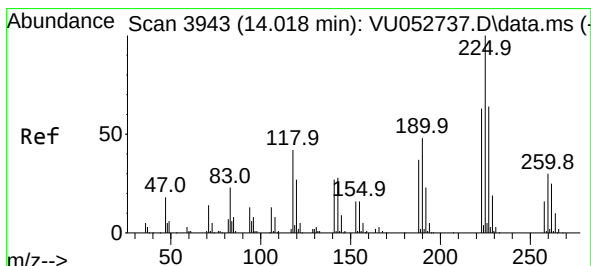
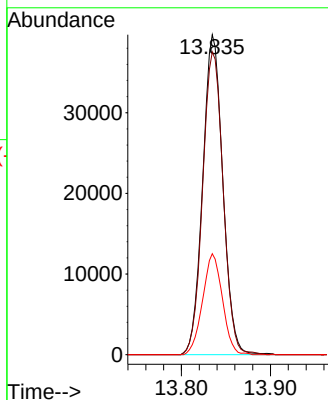
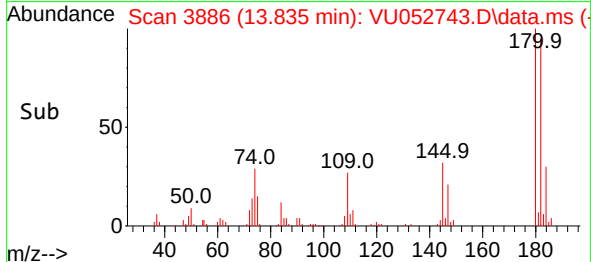
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01



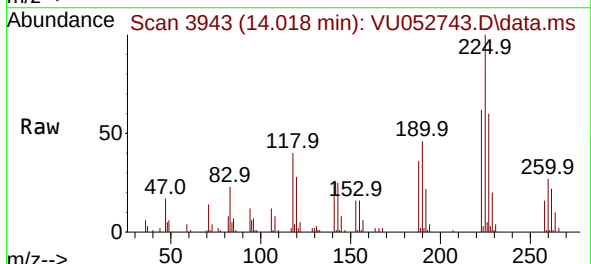
Tgt Ion:180 Resp: 6220
Ion Ratio Lower Upper
180 100
182 96.3 47.4 142.3
145 31.0 14.9 44.5

Manual Integrations
APPROVED

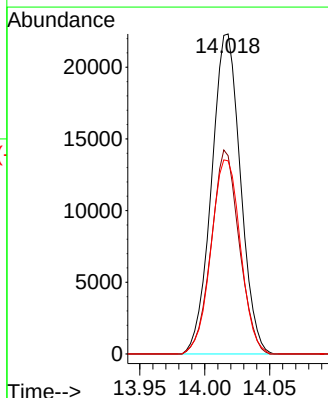
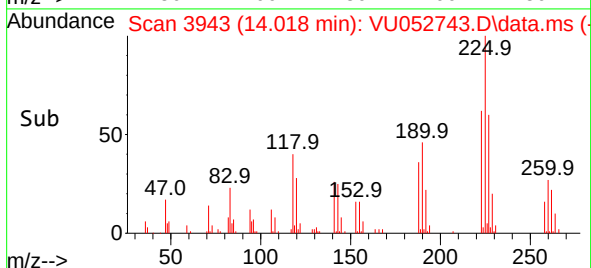
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

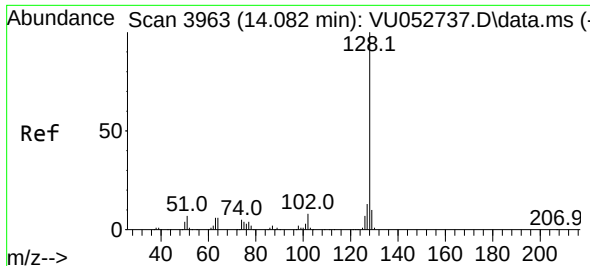


#94
Hexachlorobutadiene
Concen: 19.103 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20



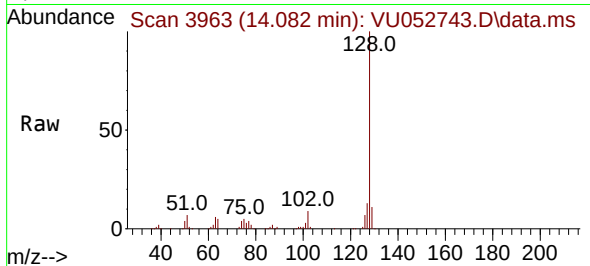
Tgt Ion:225 Resp: 34555
Ion Ratio Lower Upper
225 100
223 61.7 31.8 95.3
227 61.6 31.8 95.4





#95
Naphthalene
Concen: 18.673 ug/l
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

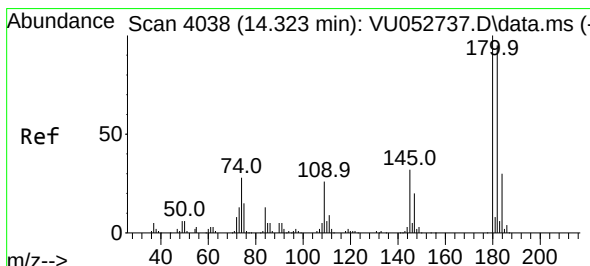
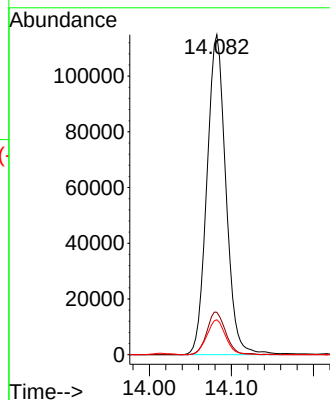
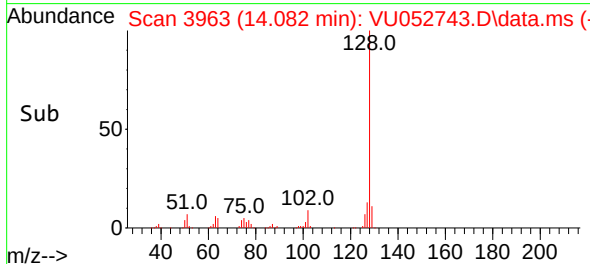
Instrument :
MSVOA_U
ClientSampleId :
VU0119WBS01



Tgt Ion:128 Resp: 18449
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.964 ug/l
RT: 14.323 min Scan# 4038
Delta R.T. -0.000 min
Lab File: VU052743.D
Acq: 19 Jan 2023 18:20

Tgt Ion:180 Resp: 64677
Ion Ratio Lower Upper
180 100
182 95.3 48.1 144.3
145 31.7 15.8 47.4

