

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011923\
 Data File : VU052745.D
 Acq On : 19 Jan 2023 19:07
 Operator : JC/MD
 Sample : MDL04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

Quant Time: Jan 20 01:35:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 20 01:35:33 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	203748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	344983	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	311016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	139267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	152517	51.977	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.960%			
35) Dibromofluoromethane	5.285	113	117833	49.053	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.100%			
50) Toluene-d8	7.893	98	420572	46.686	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.380%			
62) 4-Bromofluorobenzene	10.629	95	143962	43.747	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	1084	0.451	ug/l	88
3) Chloromethane	1.520	50	2474	1.002	ug/l	94
4) Vinyl Chloride	1.604	62	1146	0.466	ug/l #	84
5) Bromomethane	1.858	94	1070	0.881	ug/l	82
6) Chloroethane	1.935	64	851	0.547	ug/l	92
7) Trichlorofluoromethane	2.134	101	1863	0.492	ug/l	86
8) Diethyl Ether	2.375	74	631	0.457	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.575	101	862	0.393	ug/l	92
10) Methyl Iodide	2.719	142	1292	0.718	ug/l #	96
12) 1,1-Dichloroethene	2.581	96	926	0.427	ug/l	82
13) Acrolein	2.491	56	1541	3.135	ug/l	99
14) Allyl chloride	2.925	41	1158	0.339	ug/l	98
15) Acrylonitrile	3.324	53	3285	2.381	ug/l	96
16) Acetone	2.639	43	3684	2.634	ug/l	94
17) Carbon Disulfide	2.790	76	4603	0.709	ug/l #	92
18) Methyl Acetate	2.951	43	2110	0.545	ug/l	90
19) Methyl tert-butyl Ether	3.359	73	3057	0.416	ug/l	96
20) Methylene Chloride	3.047	84	2399	0.762	ug/l #	90
21) trans-1,2-Dichloroethene	3.350	96	935	0.400	ug/l	96
22) Diisopropyl ether	3.993	45	2939m	0.414	ug/l	
23) Vinyl Acetate	3.964	43	10727	1.969	ug/l	95
24) 1,1-Dichloroethane	3.867	63	2008	0.446	ug/l #	82
25) 2-Butanone	4.732	43	3772m	2.091	ug/l	
26) 2,2-Dichloropropane	4.658	77	1489	0.403	ug/l	88
27) cis-1,2-Dichloroethene	4.668	96	1317	0.514	ug/l	90
28) Bromochloromethane	4.961	49	729m	0.388	ug/l	
29) Tetrahydrofuran	5.067	42	2439m	2.329	ug/l	
30) Chloroform	5.079	83	2388	0.496	ug/l	100
31) Cyclohexane	5.372	56	5837	1.420	ug/l #	16
32) 1,1,1-Trichloroethane	5.308	97	1658	0.421	ug/l #	51
36) 1,1-Dichloropropene	5.520	75	1515	0.440	ug/l	94
37) Ethyl Acetate	4.816	43	1722	0.460	ug/l #	67
38) Carbon Tetrachloride	5.517	117	1378	0.389	ug/l #	84
39) Methylcyclohexane	6.761	83	1866	0.465	ug/l	97
40) Benzene	5.774	78	4404	0.423	ug/l	99
41) Methacrylonitrile	4.983	41	574	0.317	ug/l #	61

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
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Manual Integrations APPROVED

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 Supervised By : Mahesh Dadoda 01/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	5.790	62	2025	0.539	ug/l	80
43) Isopropyl Acetate	5.915	43	2295	0.439	ug/l #	90
44) Trichloroethene	6.536	130	1282	0.498	ug/l	92
45) 1,2-Dichloropropane	6.790	63	1112	0.414	ug/l #	74
46) Dibromomethane	6.922	93	958	0.515	ug/l #	83
47) Bromodichloromethane	7.105	83	1477	0.397	ug/l #	92
48) Methyl methacrylate	6.964	41	1103	0.463	ug/l #	83
49) 1,4-Dioxane	7.054	88	507m	10.995	ug/l	
51) 4-Methyl-2-Pentanone	7.793	43	7222	2.137	ug/l	100
52) Toluene	7.967	92	3063	0.487	ug/l	97
53) t-1,3-Dichloropropene	8.211	75	1616	0.416	ug/l	92
54) cis-1,3-Dichloropropene	7.607	75	1709	0.412	ug/l	97
55) 1,1,2-Trichloroethane	8.398	97	1168	0.455	ug/l #	83
56) Ethyl methacrylate	8.337	69	1356	0.375	ug/l	93
57) 1,3-Dichloropropane	8.568	76	1835	0.407	ug/l	93
59) 2-Hexanone	8.690	43	6120	2.350	ug/l	99
60) Dibromochloromethane	8.806	129	1228	0.435	ug/l	99
61) 1,2-Dibromoethane	8.925	107	1097	0.407	ug/l	90
64) Tetrachloroethene	8.552	164	1074	0.497	ug/l	89
65) Chlorobenzene	9.443	112	3247	0.493	ug/l	91
66) 1,1,1,2-Tetrachloroethane	9.533	131	1059	0.429	ug/l #	63
67) Ethyl Benzene	9.571	91	5118	0.460	ug/l	97
68) m/p-Xylenes	9.690	106	4016	0.930	ug/l	89
69) o-Xylene	10.099	106	1726	0.419	ug/l	98
70) Styrene	10.115	104	2902	0.429	ug/l	98
71) Bromoform	10.288	173	922	0.447	ug/l #	90
73) Isopropylbenzene	10.481	105	4170	0.455	ug/l	98
74) N-amyl acetate	10.320	43	2323	0.665	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	10.780	83	1713	0.471	ug/l	97
76) 1,2,3-Trichloropropane	10.825	75	2096m	0.552	ug/l	
77) Bromobenzene	10.783	156	1359	0.573	ug/l	80
78) n-propylbenzene	10.902	91	6275	0.582	ug/l	97
79) 2-Chlorotoluene	10.983	91	3748	0.562	ug/l	95
80) 1,3,5-Trimethylbenzene	11.086	105	3687	0.484	ug/l	93
81) trans-1,4-Dichloro-2-b...	10.546	75	294m	0.301	ug/l	
82) 4-Chlorotoluene	11.092	91	4565	0.601	ug/l	97
83) tert-Butylbenzene	11.414	119	3759	0.481	ug/l	97
84) 1,2,4-Trimethylbenzene	11.465	105	3793	0.501	ug/l	97
85) sec-Butylbenzene	11.639	105	4706	0.491	ug/l	94
86) p-Isopropyltoluene	11.793	119	4134	0.508	ug/l	90
87) 1,3-Dichlorobenzene	11.742	146	3060	0.677	ug/l	89
88) 1,4-Dichlorobenzene	11.832	146	3642m	0.783	ug/l	
89) n-Butylbenzene	12.208	91	4654	0.666	ug/l	96
90) Hexachloroethane	12.475	117	566	0.362	ug/l	96
91) 1,2-Dichlorobenzene	12.214	146	2794	0.613	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.992	75	508	0.674	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	2867	1.076	ug/l	98
94) Hexachlorobutadiene	14.018	225	1117	0.756	ug/l	89
95) Naphthalene	14.086	128	11366	1.504	ug/l	96
96) 1,2,3-Trichlorobenzene	14.330	180	3374	1.276	ug/l	98

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

Instrument :

MSVOA_U

ClientSampleId :

MDL04

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023

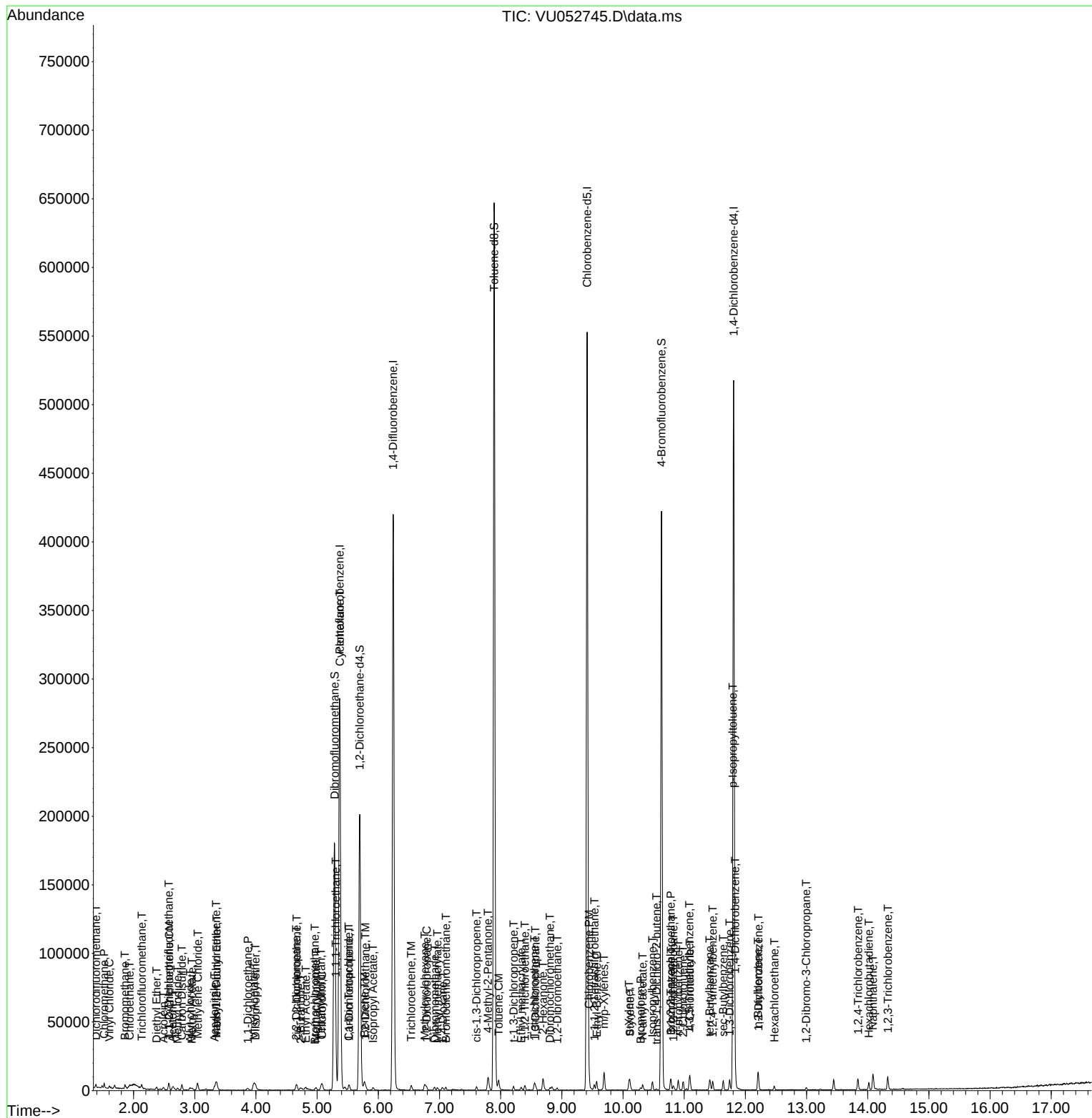
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011923\
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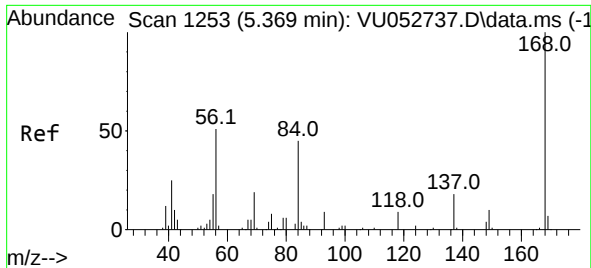
Instrument :
MSVOA_U
ClientSampleId :
MDL04

Manual Integrations
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Supervised By : Mahesh Dadoda 01/20/2023

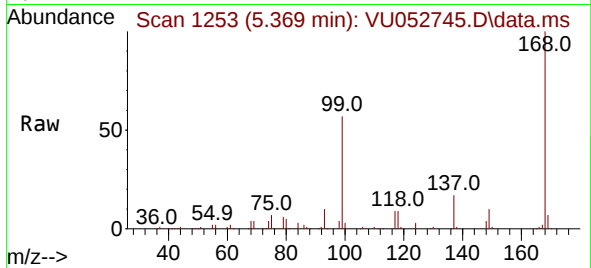
Quant Time: Jan 20 01:35:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 20 01:35:33 2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

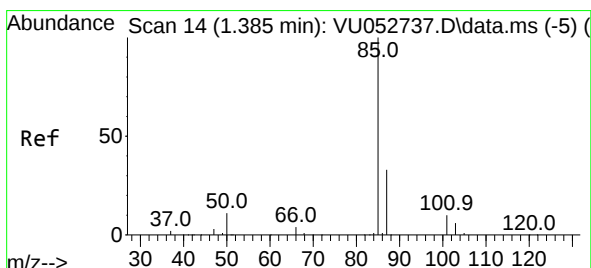
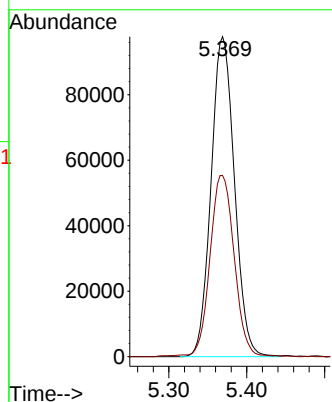
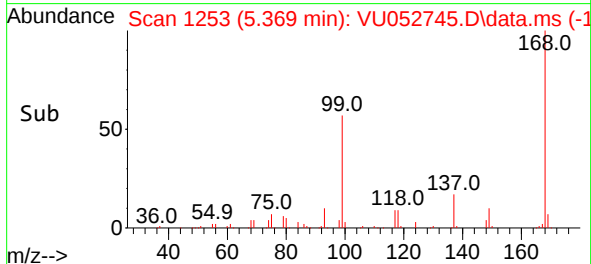
Instrument :
MSVOA_U
ClientSampleId :
MDL04



Tgt Ion:168 Resp: 203748
Ion Ratio Lower Upper
168 100
99 56.4 46.4 69.6

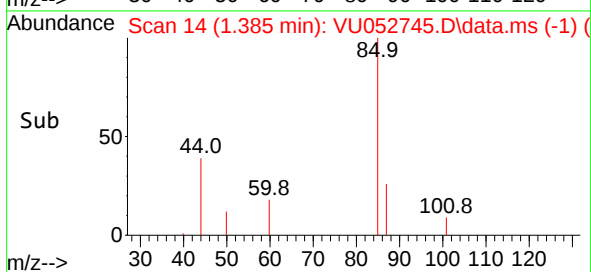
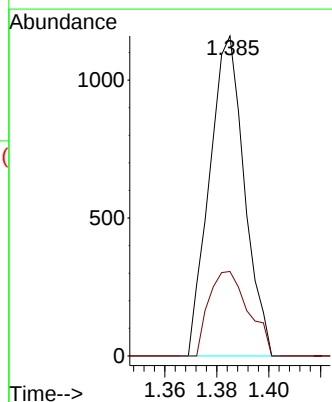
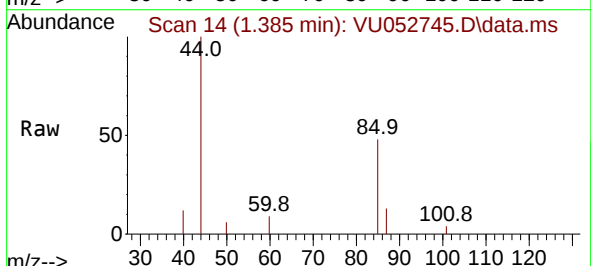
Manual Integrations
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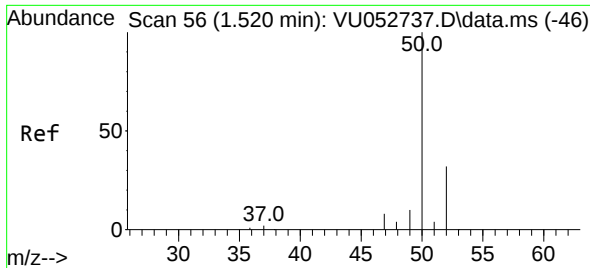
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#2
Dichlorodifluoromethane
Concen: 0.451 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

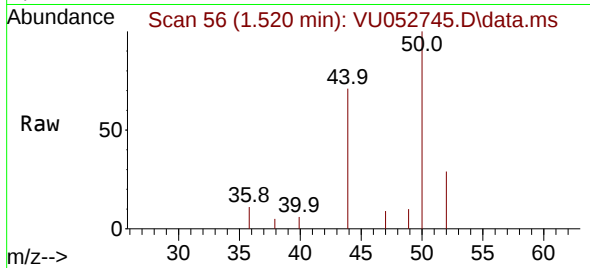
Tgt Ion: 85 Resp: 1084
Ion Ratio Lower Upper
85 100
87 26.4 16.6 49.7





#3
Chloromethane
Concen: 1.002 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

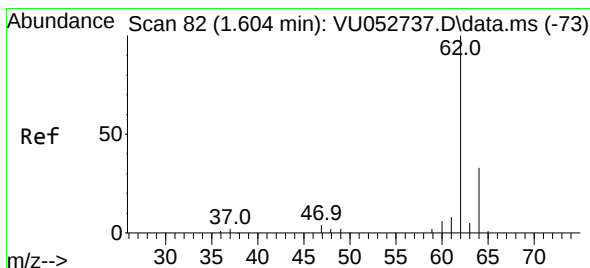
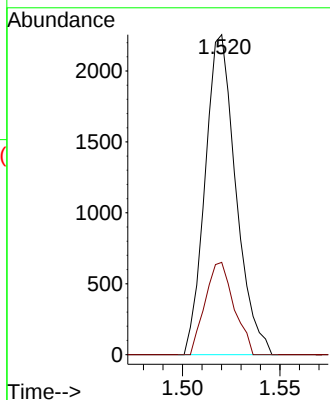
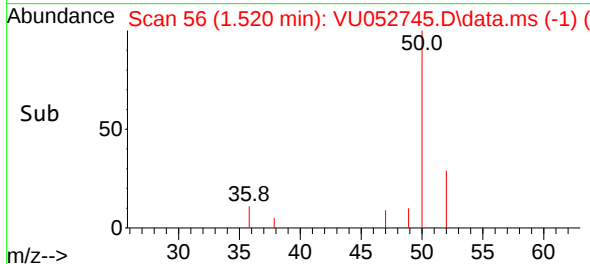
Instrument :
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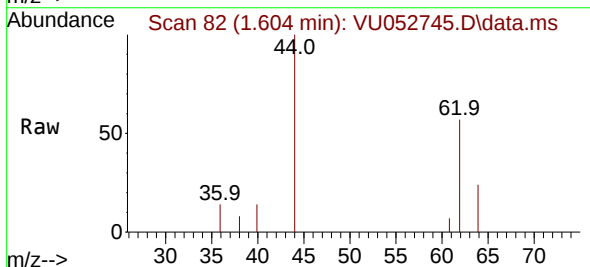
Tgt Ion: 50 Resp: 2474
Ion Ratio Lower Upper
50 100
52 28.9 25.8 38.6

Manual Integrations
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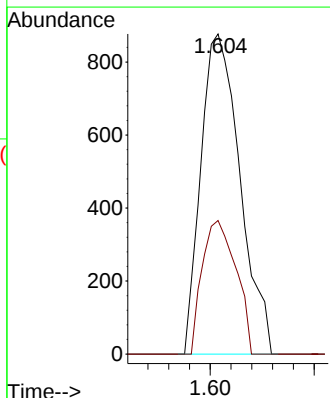
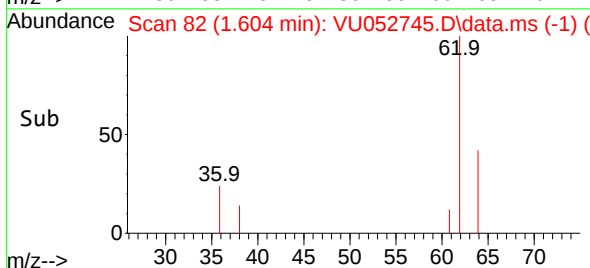
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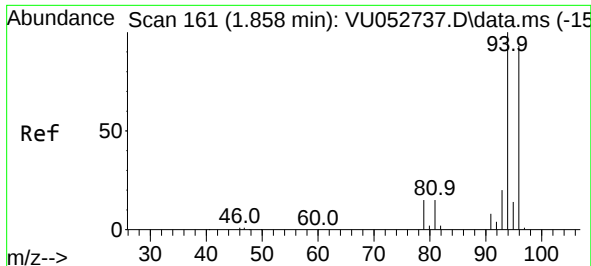


#4
Vinyl Chloride
Concen: 0.466 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07



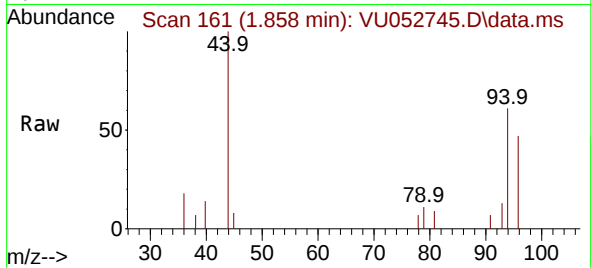
Tgt Ion: 62 Resp: 1146
Ion Ratio Lower Upper
62 100
64 41.7 26.1 39.1





#5
Bromomethane
Concen: 0.881 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

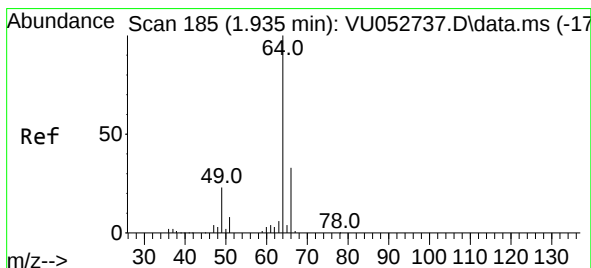
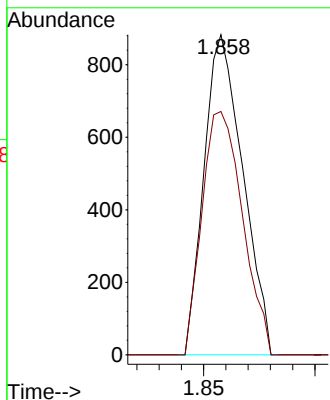
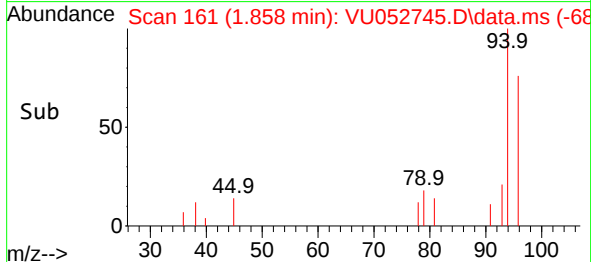
Instrument :
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ClientSampleId :
MDL04



Tgt Ion: 94 Resp: 1070
Ion Ratio Lower Upper
94 100
96 76.0 74.3 111.5

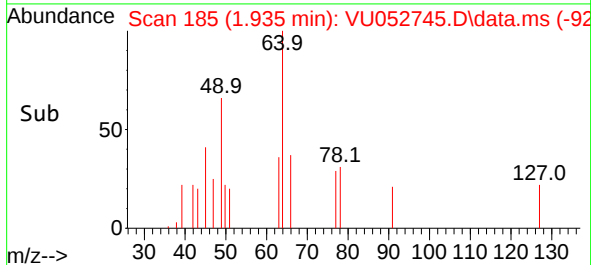
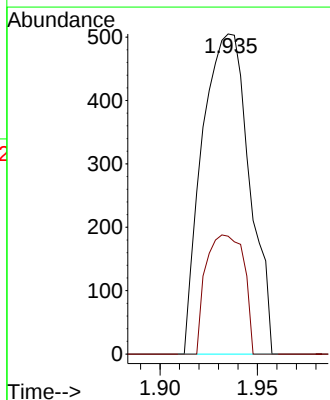
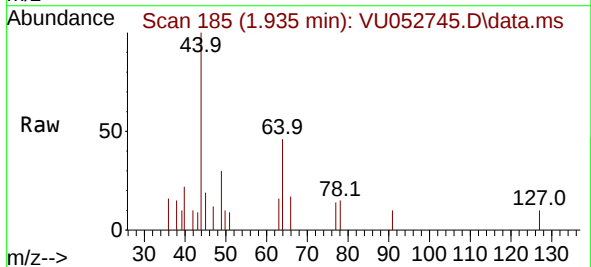
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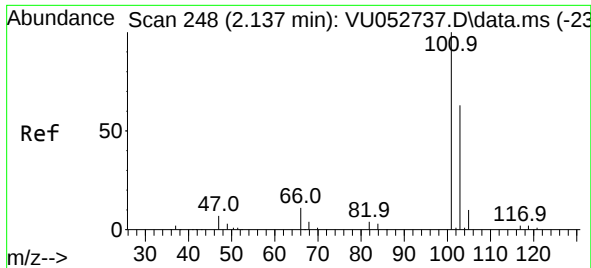
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#6
Chloroethane
Concen: 0.547 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

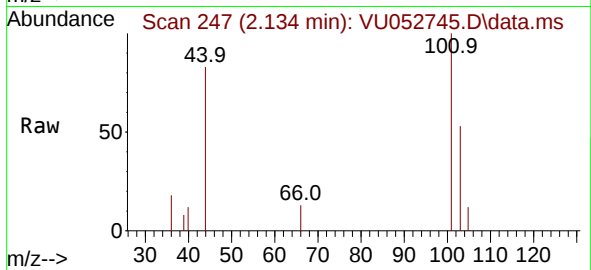
Tgt Ion: 64 Resp: 851
Ion Ratio Lower Upper
64 100
66 36.8 26.1 39.1





#7
Trichlorofluoromethane
Concen: 0.492 ug/l
RT: 2.134 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

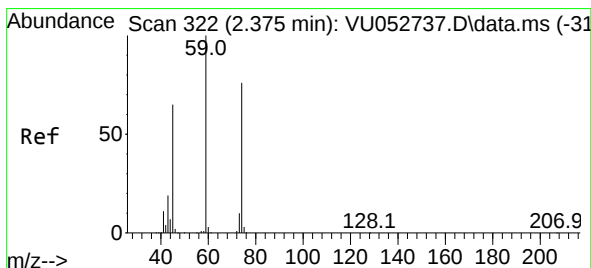
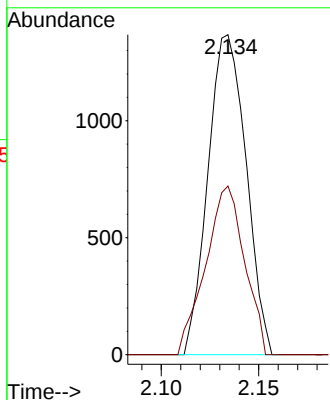
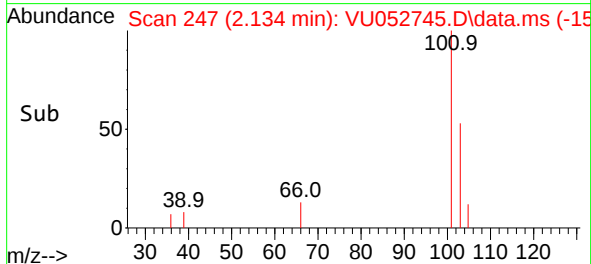
Instrument :
MSVOA_U
ClientSampleId :
MDL04



Tgt Ion:101 Resp: 186
Ion Ratio Lower Upper
101 100
103 52.7 50.7 76.1

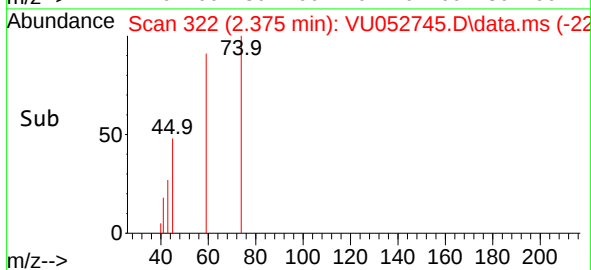
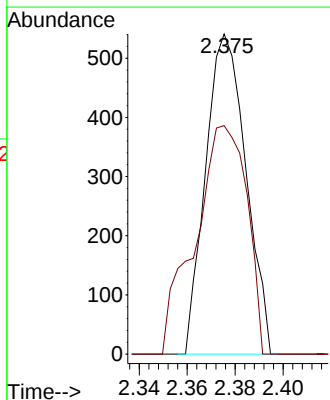
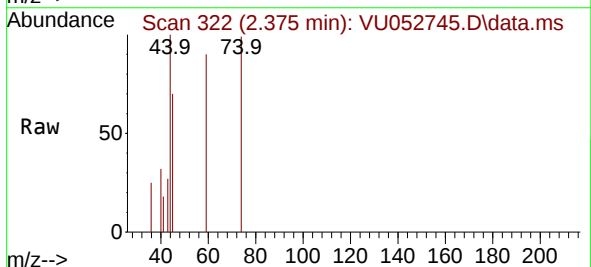
Manual Integrations
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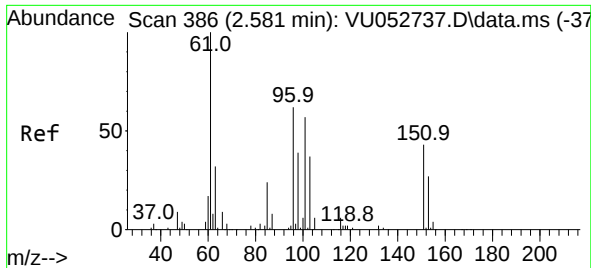
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#8
Diethyl Ether
Concen: 0.457 ug/l
RT: 2.375 min Scan# 322
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 74 Resp: 631
Ion Ratio Lower Upper
74 100
45 91.8 42.4 127.3





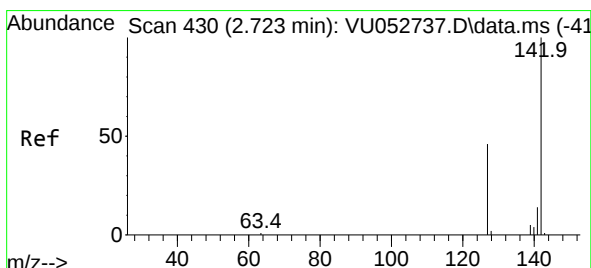
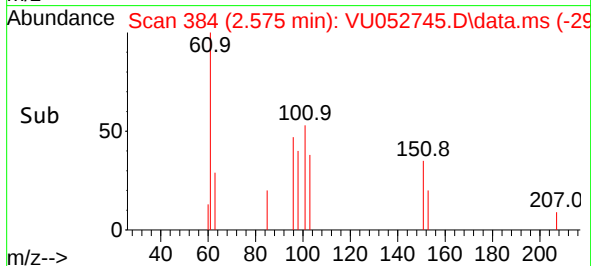
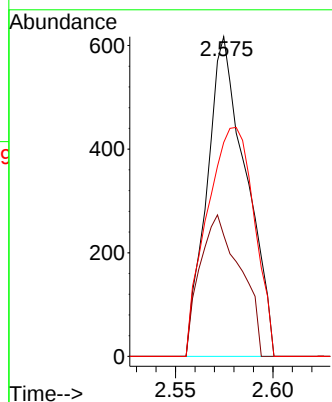
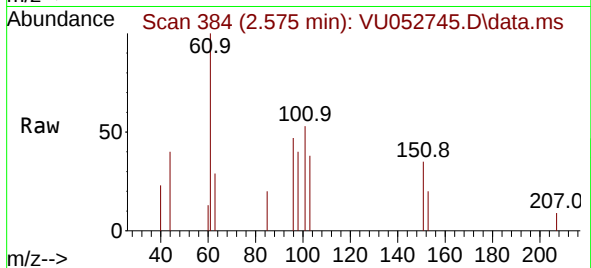
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.393 ug/l
RT: 2.575 min Scan# 386
Delta R.T. -0.006 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:	101	Resp:	862
Ion	Ratio	Lower	Upper
101	100		
85	45.9	35.1	52.7
151	86.5	61.9	92.9

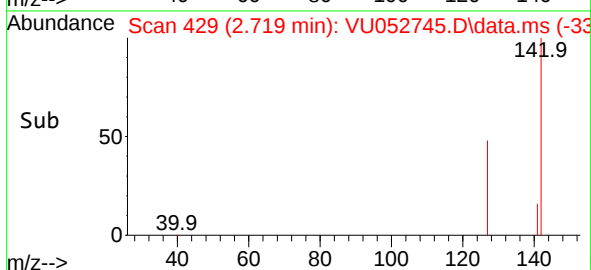
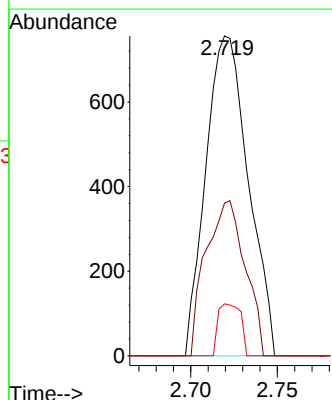
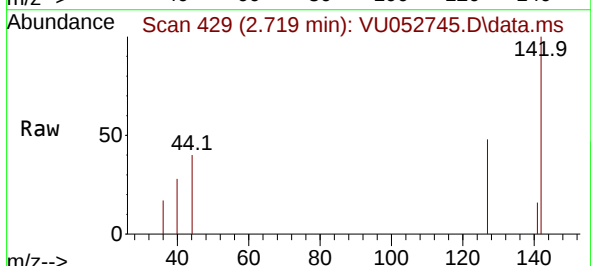
Manual Integrations
APPROVED

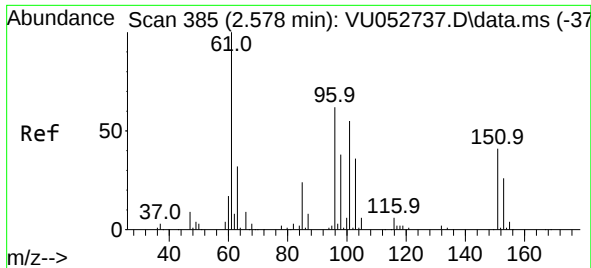
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#10
Methyl Iodide
Concen: 0.718 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.004 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

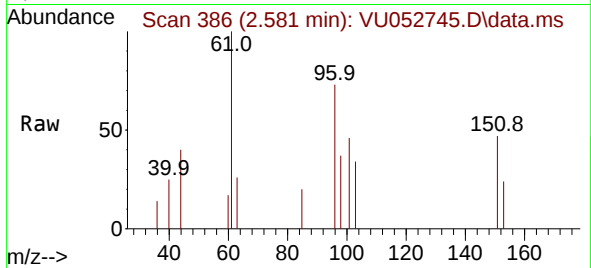
Tgt Ion:	142	Resp:	1292
Ion	Ratio	Lower	Upper
142	100		
127	44.8	36.3	54.5
141	8.6	11.8	17.6





#12
1,1-Dichloroethene
Concen: 0.427 ug/l
RT: 2.581 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

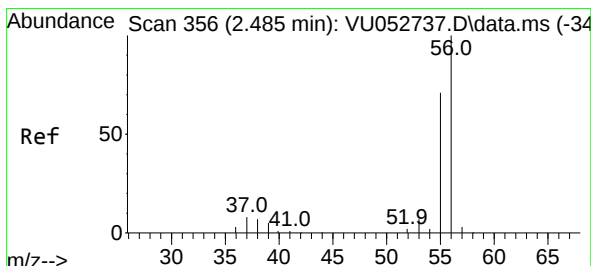
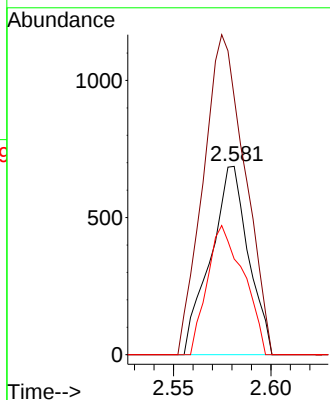
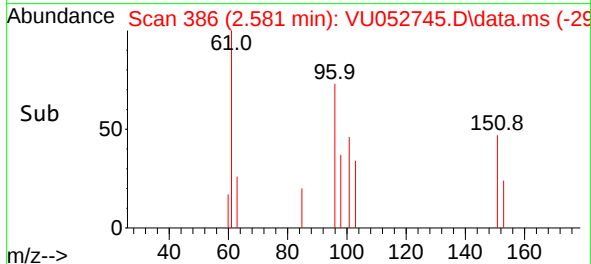
Instrument :
MSVOA_U
ClientSampleId :
MDL04



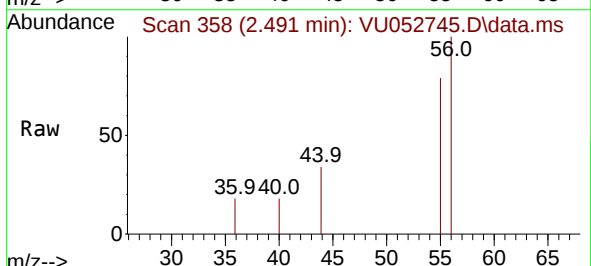
Tgt Ion: 96 Resp: 920
Ion Ratio Lower Upper
96 100
61 136.5 129.8 194.6
98 50.8 49.9 74.9

Manual Integrations
APPROVED

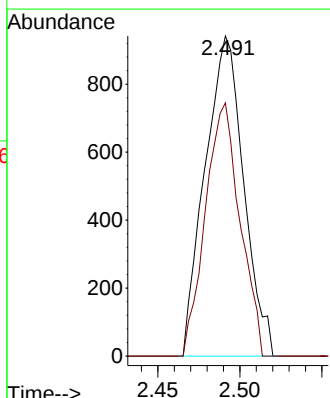
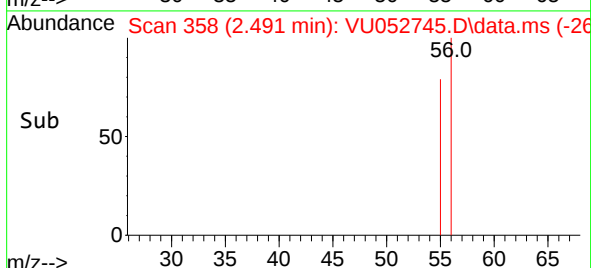
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

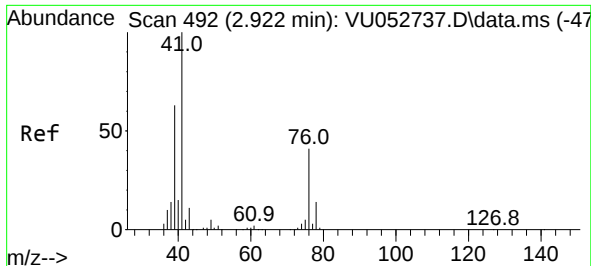


#13
Acrolein
Concen: 3.135 ug/l
RT: 2.491 min Scan# 358
Delta R.T. 0.006 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07



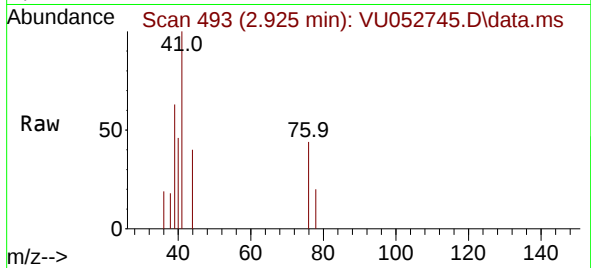
Tgt Ion: 56 Resp: 1541
Ion Ratio Lower Upper
56 100
55 70.7 57.2 85.8





#14
 Allyl chloride
 Concen: 0.339 ug/l
 RT: 2.925 min Scan# 491
 Delta R.T. 0.003 min
 Lab File: VU052745.D
 Acq: 19 Jan 2023 19:07

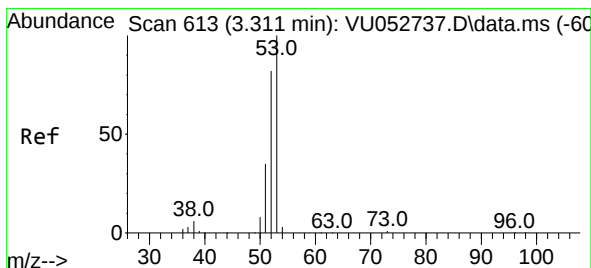
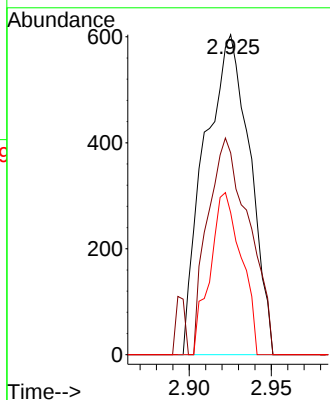
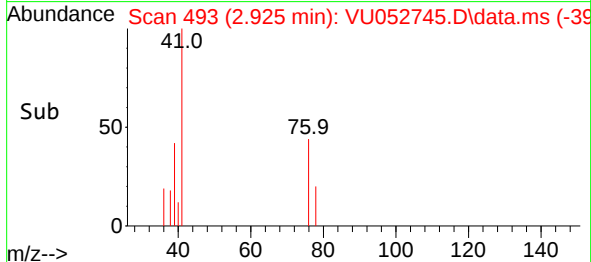
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04



Tgt Ion: 41 Resp: 1158
 Ion Ratio Lower Upper
 41 100
 39 61.8 48.2 72.2
 76 35.1 29.4 44.0

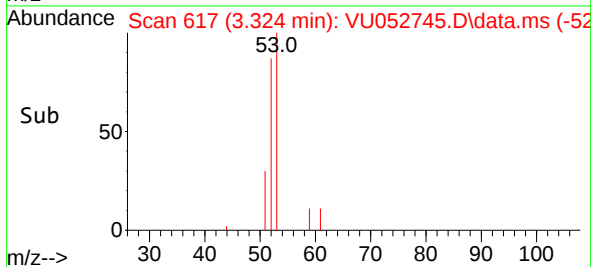
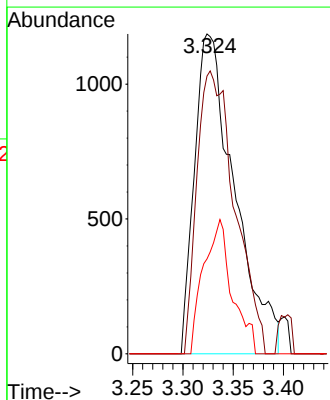
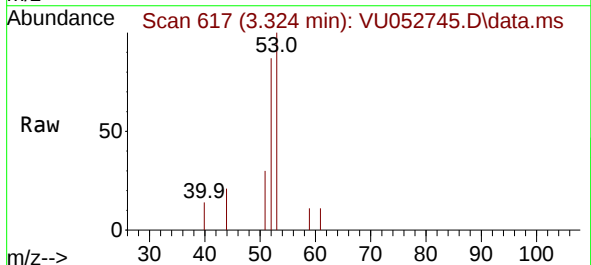
Manual Integrations
 APPROVED

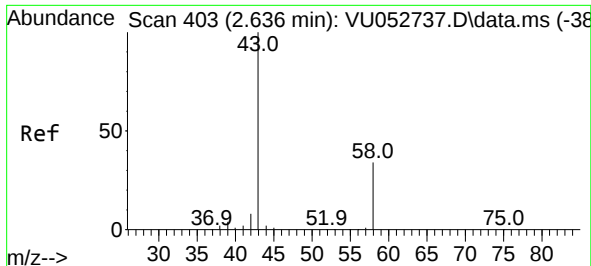
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#15
 Acrylonitrile
 Concen: 2.381 ug/l
 RT: 3.324 min Scan# 617
 Delta R.T. 0.013 min
 Lab File: VU052745.D
 Acq: 19 Jan 2023 19:07

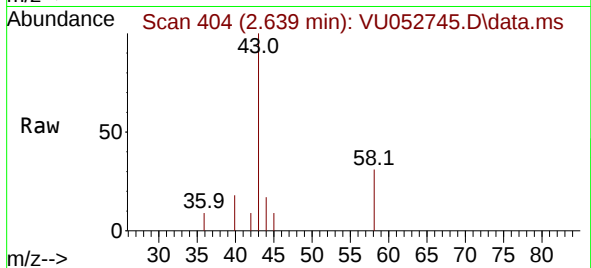
Tgt Ion: 53 Resp: 3285
 Ion Ratio Lower Upper
 53 100
 52 83.4 64.9 97.3
 51 29.9 27.6 41.4





#16
Acetone
Concen: 2.634 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

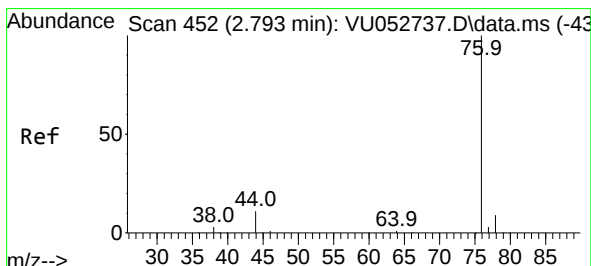
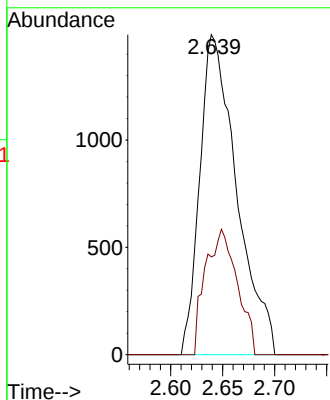
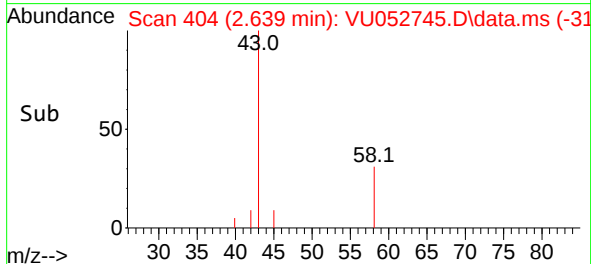
Instrument :
MSVOA_U
ClientSampleId :
MDL04



Tgt Ion: 43 Resp: 3684
Ion Ratio Lower Upper
43 100
58 30.5 27.1 40.7

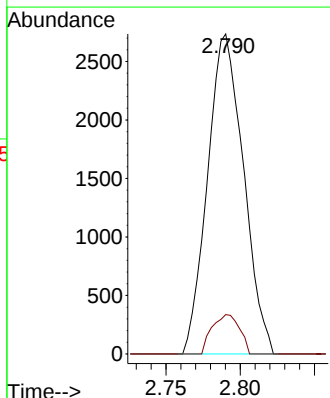
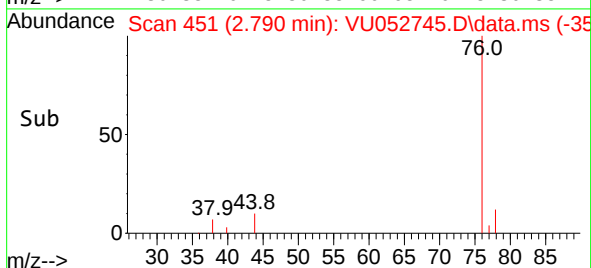
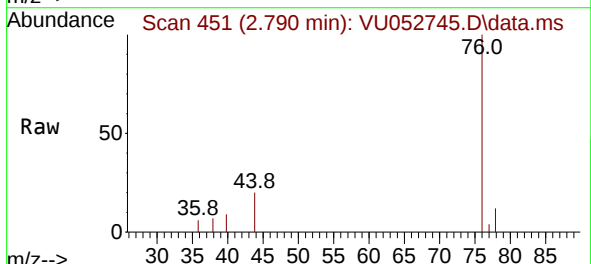
Manual Integrations
APPROVED

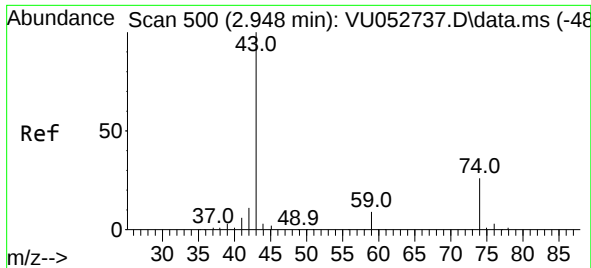
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#17
Carbon Disulfide
Concen: 0.709 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

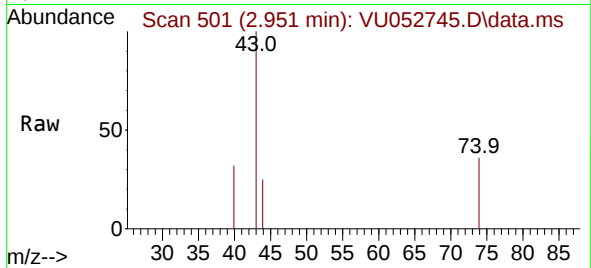
Tgt Ion: 76 Resp: 4603
Ion Ratio Lower Upper
76 100
78 12.3 7.4 11.2#





#18
Methyl Acetate
Concen: 0.545 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

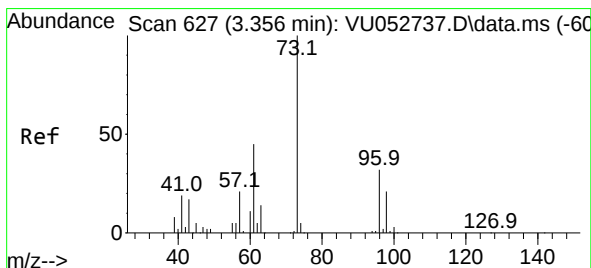
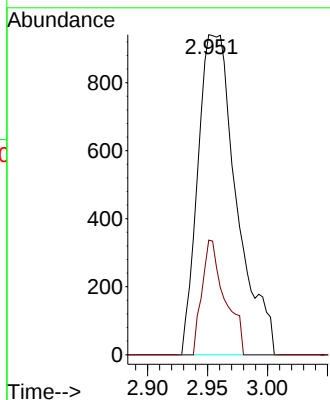
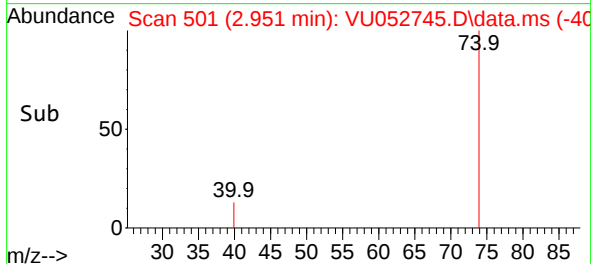
Instrument :
MSVOA_U
ClientSampleId :
MDL04



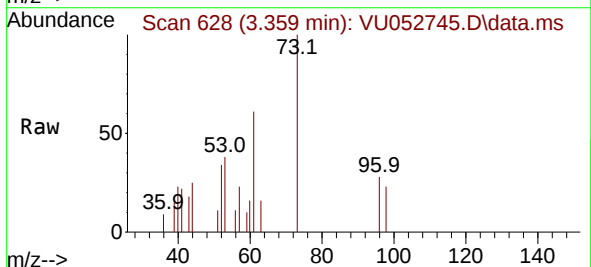
Tgt Ion: 43 Resp: 2110
Ion Ratio Lower Upper
43 100
74 21.3 21.1 31.7

Manual Integrations
APPROVED

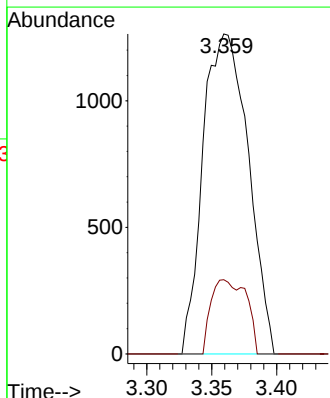
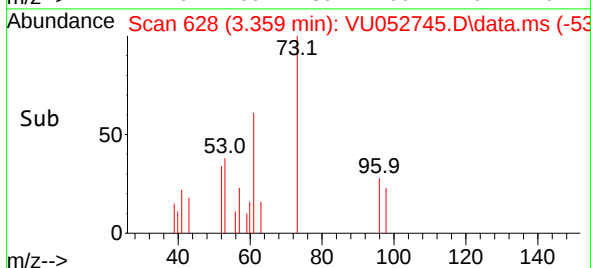
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

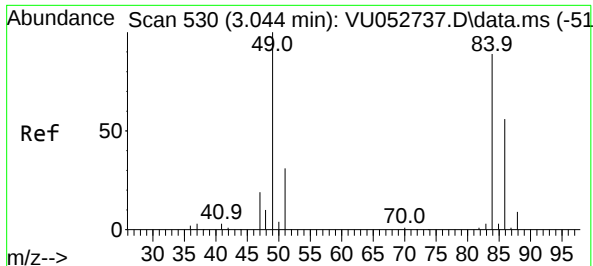


#19
Methyl tert-butyl Ether
Concen: 0.416 ug/l
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07



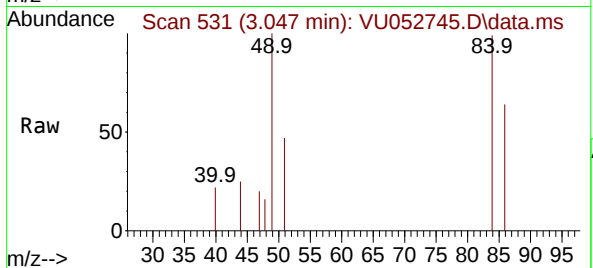
Tgt Ion: 73 Resp: 3057
Ion Ratio Lower Upper
73 100
57 23.2 16.9 25.3





#20
Methylene Chloride
Concen: 0.762 ug/l
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Instrument :
MSVOA_U
ClientSampleId :
MDL04

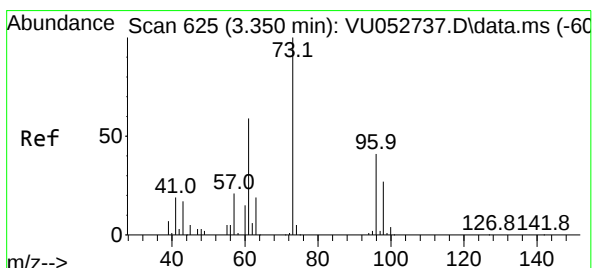
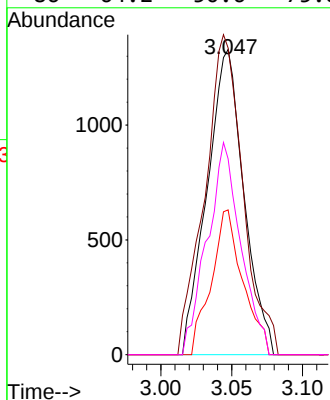
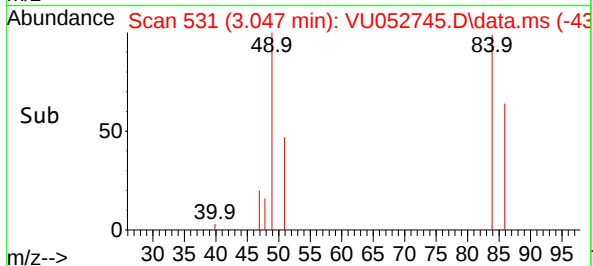


Tgt Ion: 84 Resp: 239

Ion	Ratio	Lower	Upper
84	100		
49	100.5	90.2	135.4
51	47.5	28.1	42.1
86	64.2	50.6	75.8

Manual Integrations
APPROVED

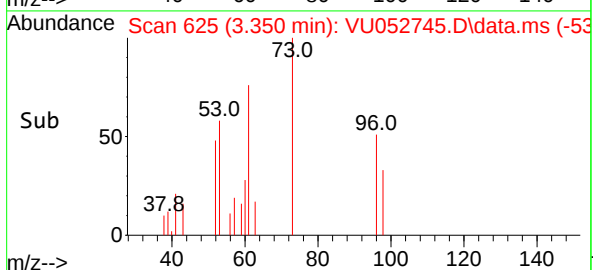
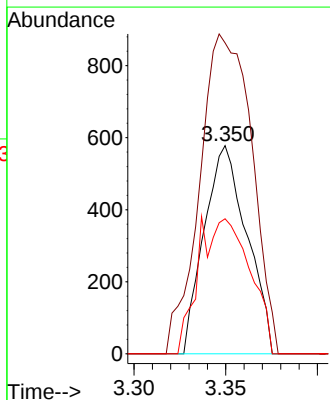
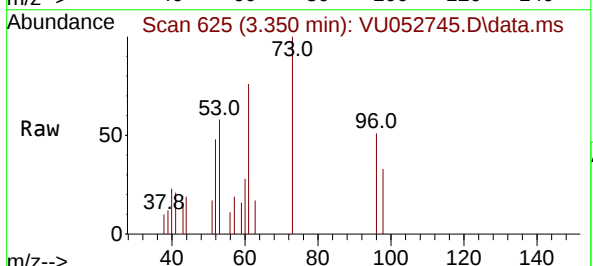
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

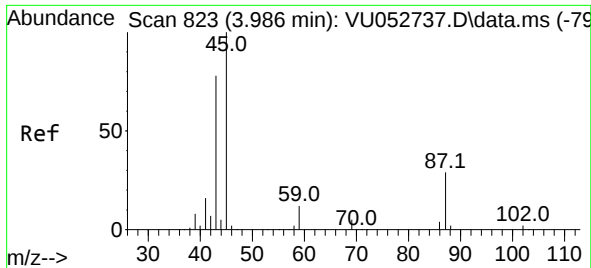


#21
trans-1,2-Dichloroethene
Concen: 0.400 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 96 Resp: 935

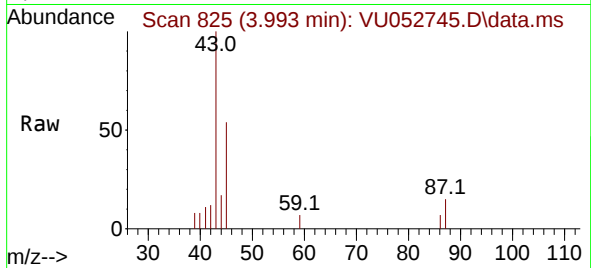
Ion	Ratio	Lower	Upper
96	100		
61	149.3	114.7	172.1
98	64.9	52.4	78.6





#22
Diisopropyl ether
Concen: 0.414 ug/l m
RT: 3.993 min Scan# 816
Delta R.T. 0.007 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

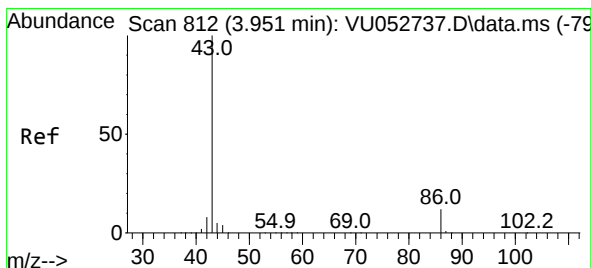
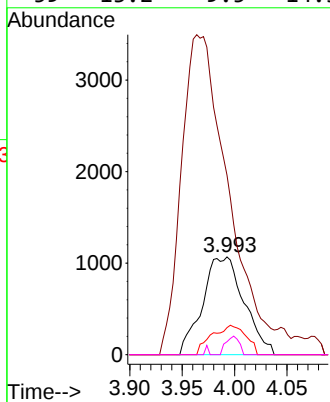
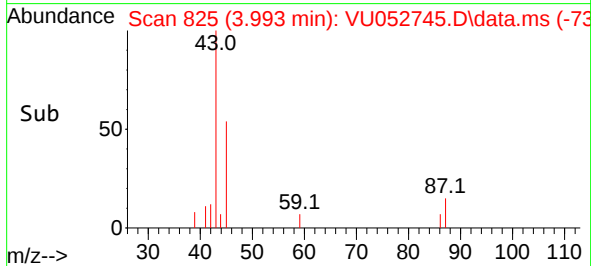
Instrument :
MSVOA_U
ClientSampleId :
MDL04



Tgt Ion: 45 Resp: 2939
Ion Ratio Lower Upper
45 100
43 183.6 64.6 97.0
87 27.6 23.2 34.8
59 13.2 9.5 14.3

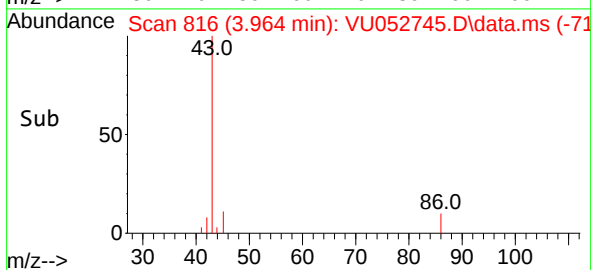
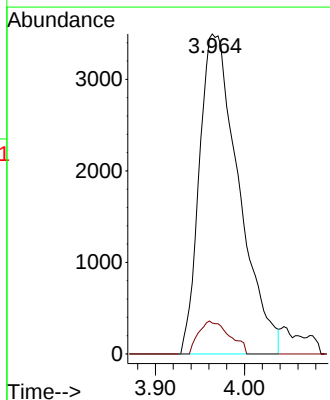
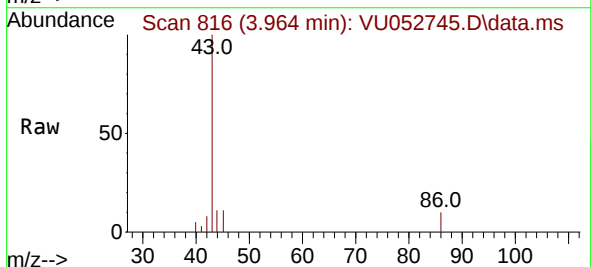
Manual Integrations
APPROVED

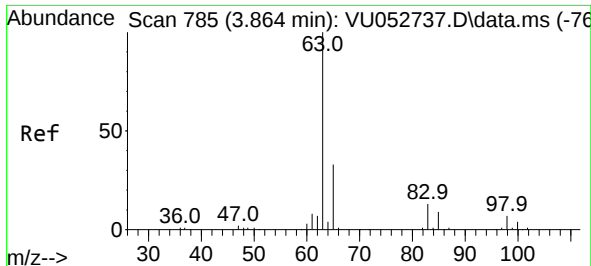
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#23
Vinyl Acetate
Concen: 1.969 ug/l
RT: 3.964 min Scan# 816
Delta R.T. 0.013 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 43 Resp: 10727
Ion Ratio Lower Upper
43 100
86 9.7 9.4 14.0





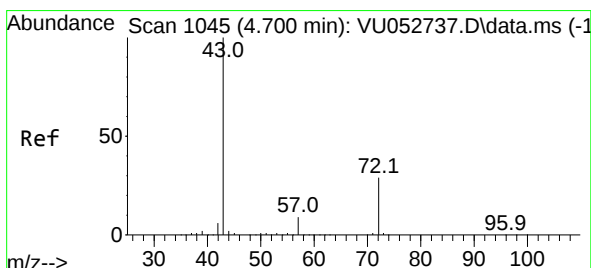
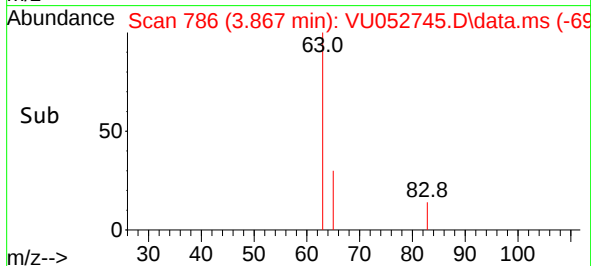
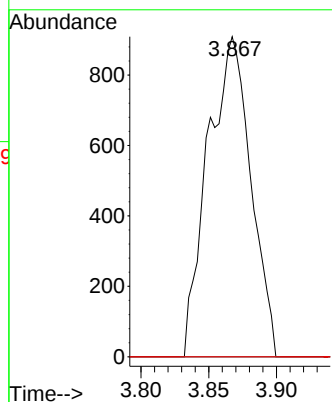
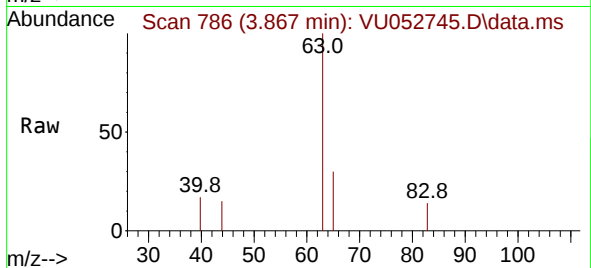
#24
1,1-Dichloroethane
Concen: 0.446 ug/l
RT: 3.867 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 63 Resp: 2008
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.9
100 0.0 2.2 6.6

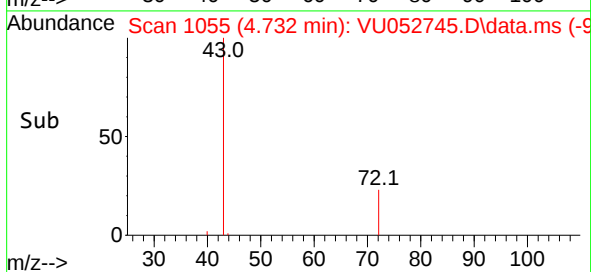
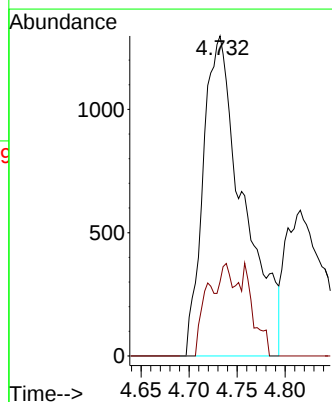
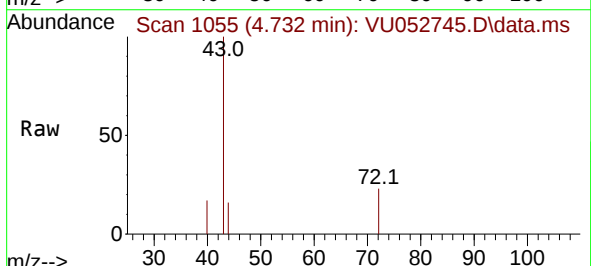
Manual Integrations
APPROVED

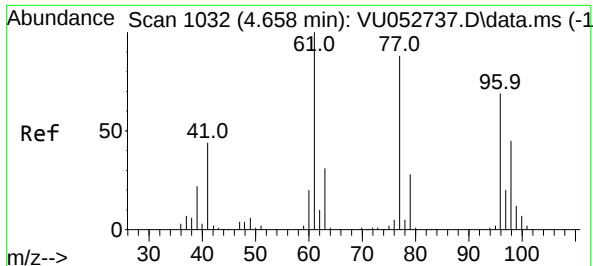
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#25
2-Butanone
Concen: 2.091 ug/l m
RT: 4.732 min Scan# 1055
Delta R.T. 0.032 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 43 Resp: 3772
Ion Ratio Lower Upper
43 100
72 23.2 23.3 34.9





#26

2,2-Dichloropropane

Concen: 0.403 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion: 77 Resp: 1489

Ion Ratio Lower Upper

77 100

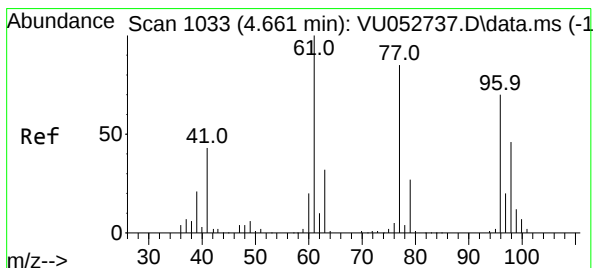
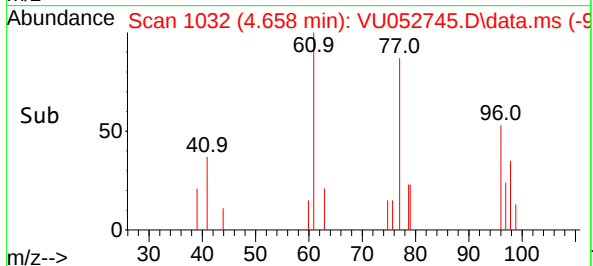
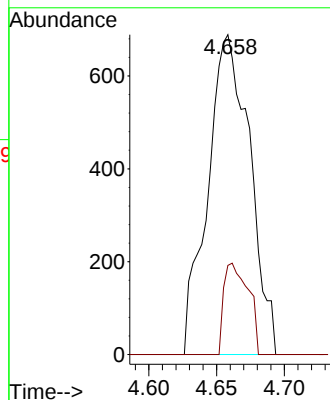
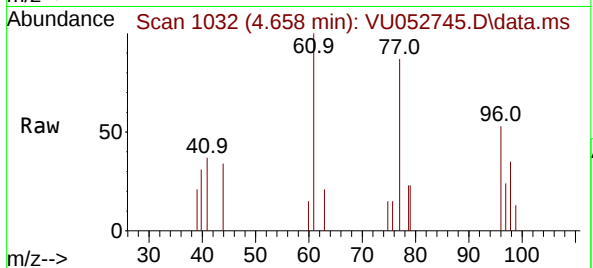
97 16.6 11.3 33.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#27

cis-1,2-Dichloroethene

Concen: 0.514 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.007 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

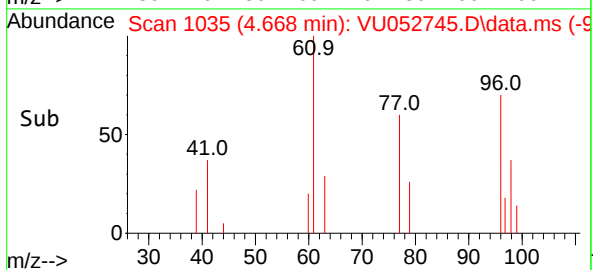
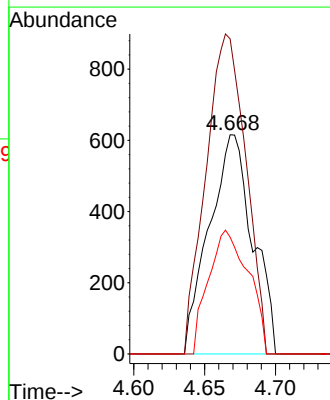
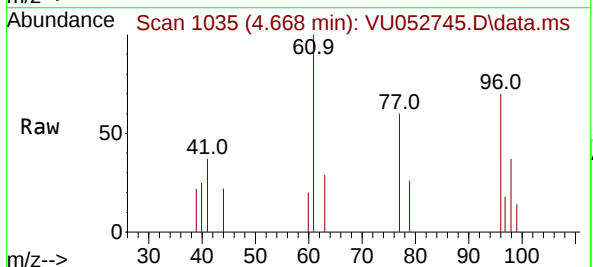
Tgt Ion: 96 Resp: 1317

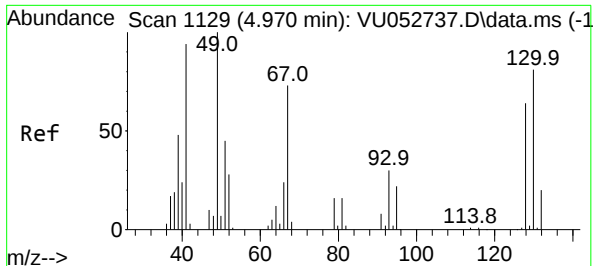
Ion Ratio Lower Upper

96 100

61 134.1 0.0 287.2

98 51.9 0.0 128.4





#28

Bromochloromethane

Concen: 0.388 ug/l m

RT: 4.961 min Scan# 1126

Delta R.T. -0.010 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

MDL04

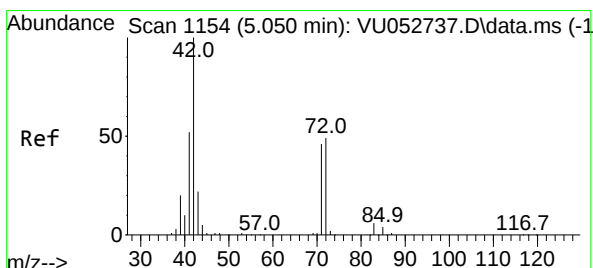
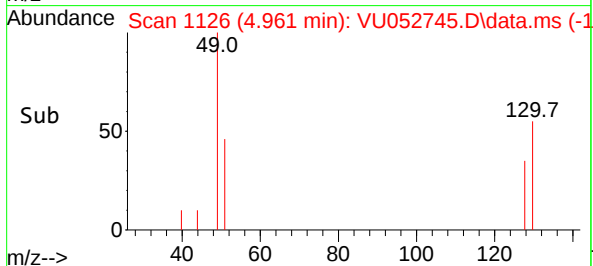
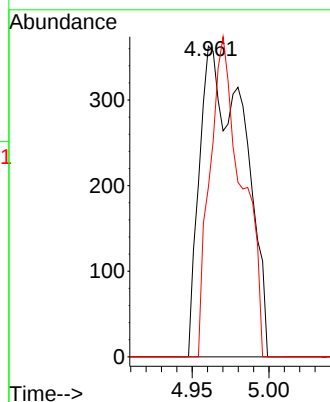
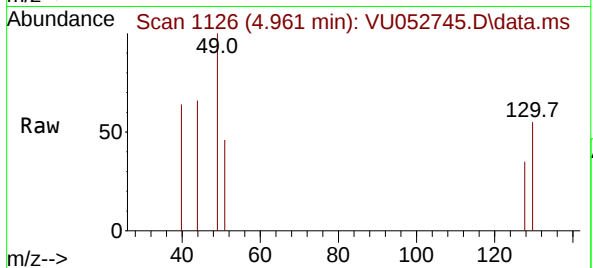
Tgt Ion:	49	Resp:	729
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	73.9	65.5	98.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#29

Tetrahydrofuran

Concen: 2.329 ug/l m

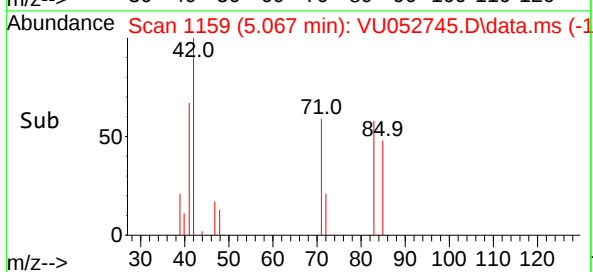
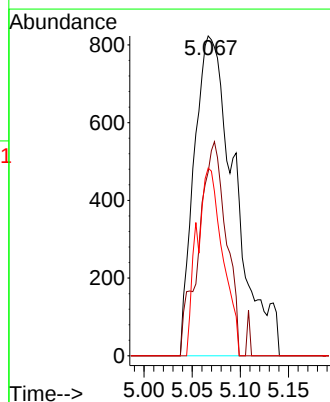
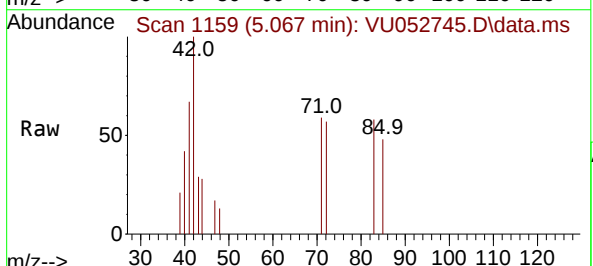
RT: 5.067 min Scan# 1159

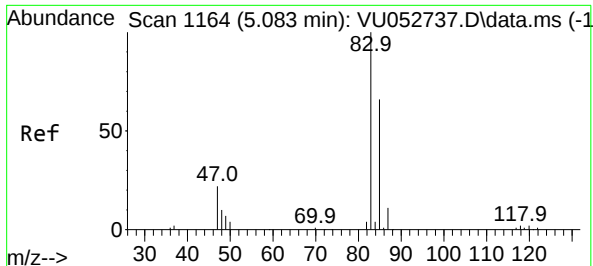
Delta R.T. 0.016 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Tgt Ion:	42	Resp:	2439
Ion	Ratio	Lower	Upper
42	100		
72	44.9	40.5	60.7
71	37.0	37.4	56.0





#30

Chloroform

Concen: 0.496 ug/l

RT: 5.079 min Scan# 1163

Delta R.T. -0.003 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion: 83 Resp: 2388

Ion Ratio Lower Upper

83 100

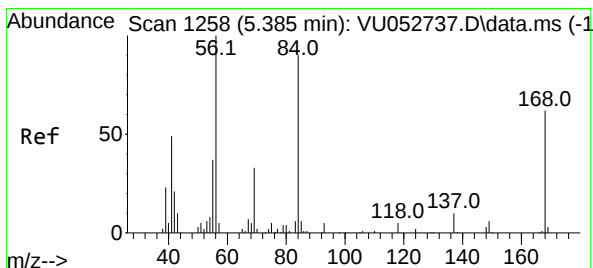
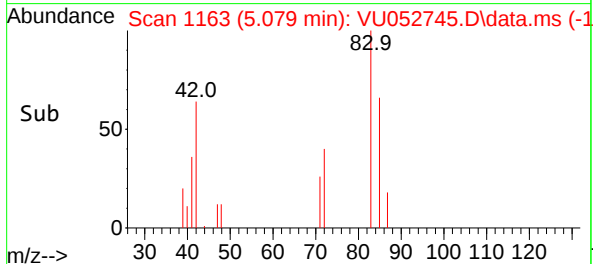
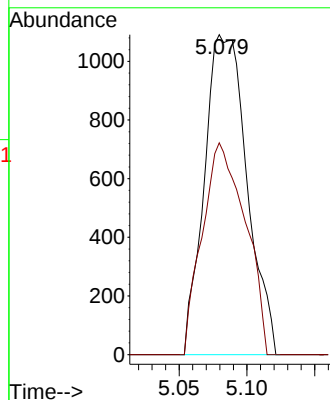
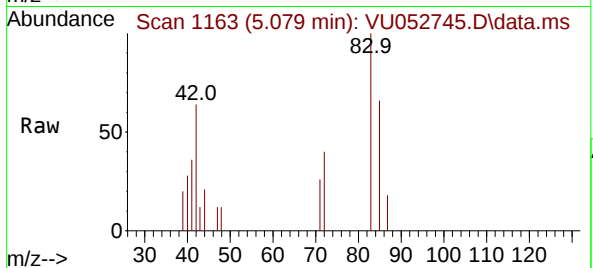
85 66.2 52.6 79.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#31

Cyclohexane

Concen: 1.420 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.013 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

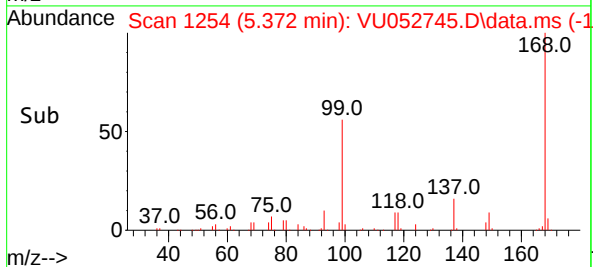
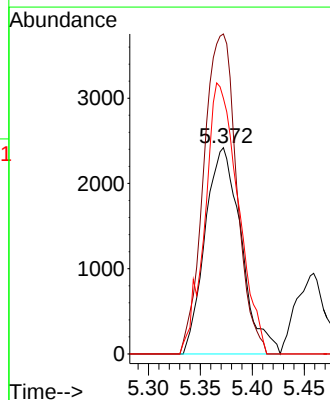
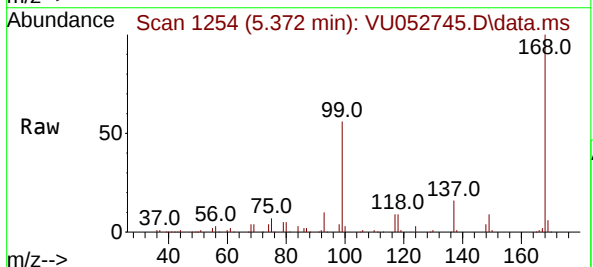
Tgt Ion: 56 Resp: 5837

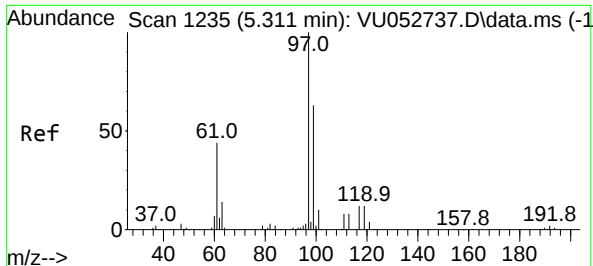
Ion Ratio Lower Upper

56 100

69 155.2 26.2 39.2#

84 124.0 72.2 108.4#





#32

1,1,1-Trichloroethane

Concen: 0.421 ug/l

RT: 5.308 min Scan# 1234

Delta R.T. -0.003 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion: 97 Resp: 1658

Ion Ratio Lower Upper

97 100

99 0.0 50.5 75.7

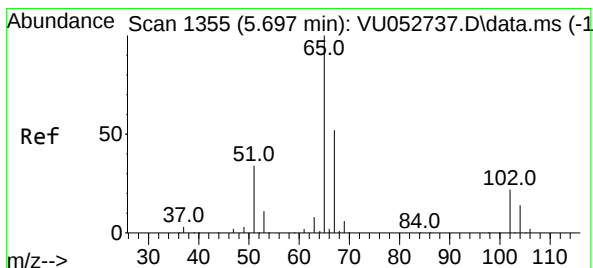
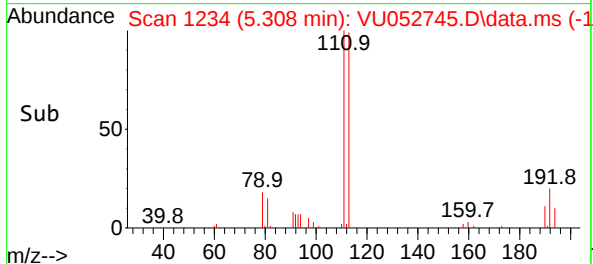
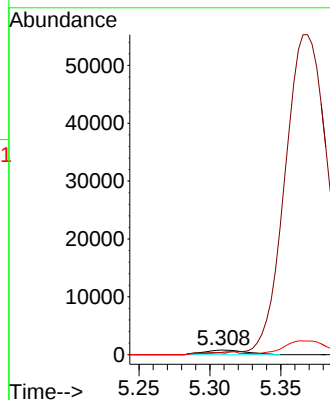
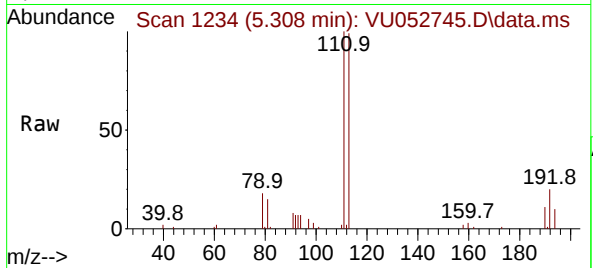
61 45.8 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#33

1,2-Dichloroethane-d4

Concen: 51.977 ug/l

RT: 5.697 min Scan# 1355

Delta R.T. 0.000 min

Lab File: VU052745.D

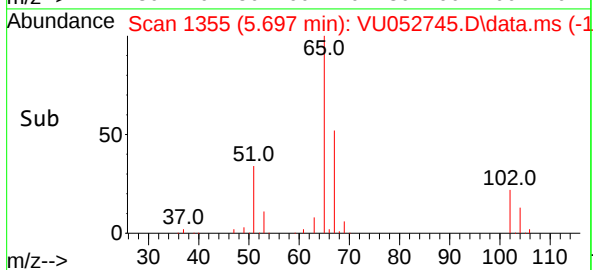
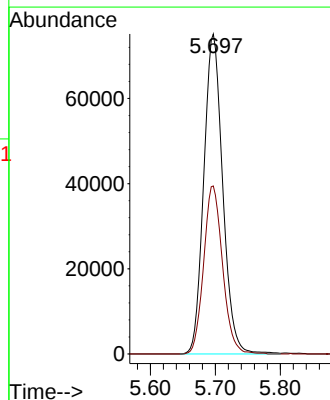
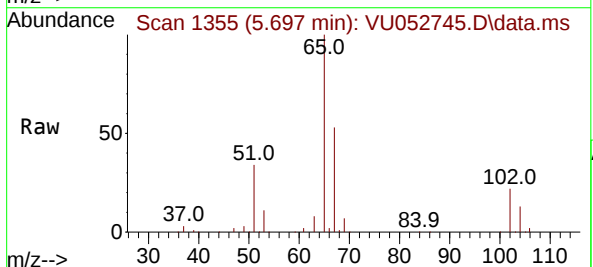
Acq: 19 Jan 2023 19:07

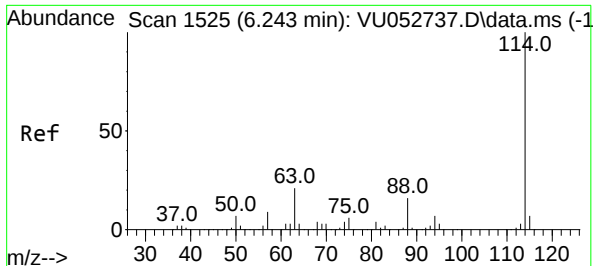
Tgt Ion: 65 Resp: 152517

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.243 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion:114 Resp: 34498

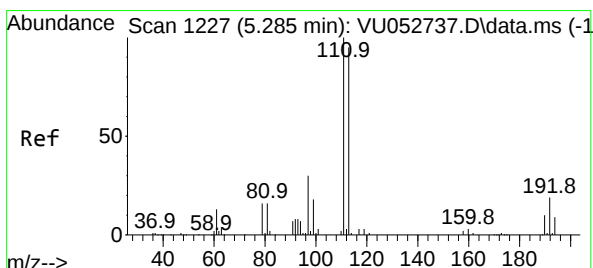
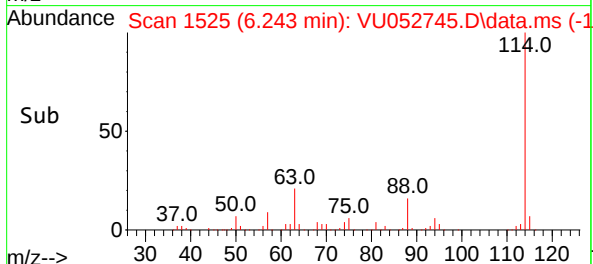
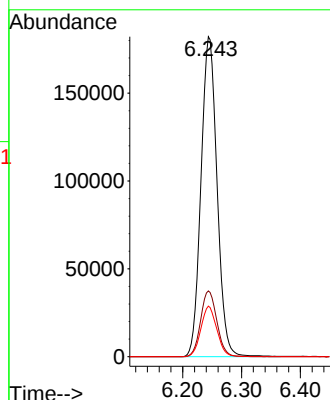
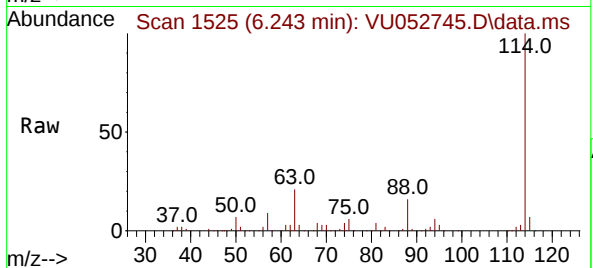
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.4
88	15.8	0.0	32.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#35

Dibromofluoromethane

Concen: 49.053 ug/l

RT: 5.285 min Scan# 1227

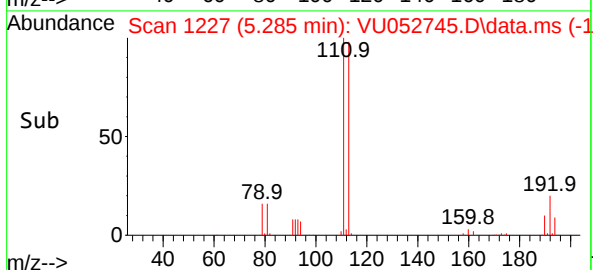
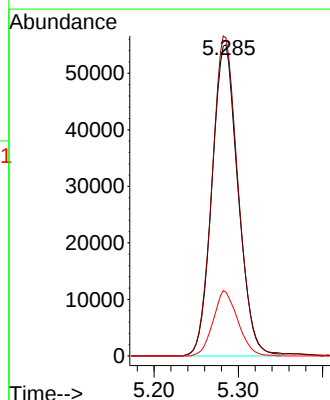
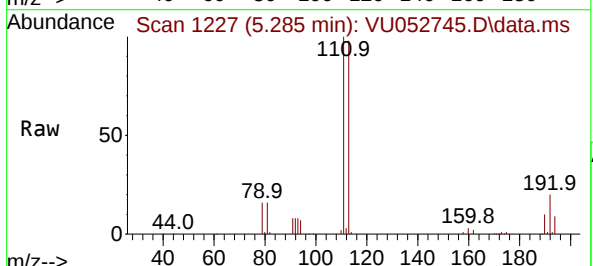
Delta R.T. 0.000 min

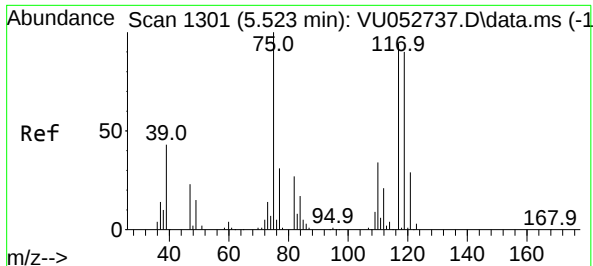
Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Tgt Ion:113 Resp: 117833

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.2	121.8
192	19.9	15.7	23.5





#36

1,1-Dichloropropene

Concen: 0.440 ug/l

RT: 5.520 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

MDL04

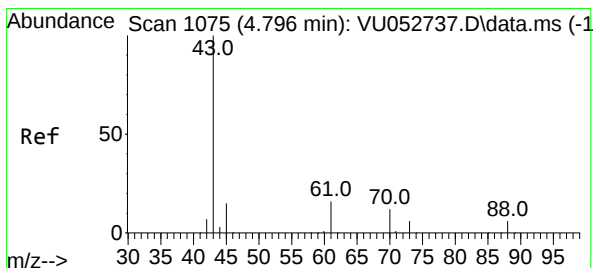
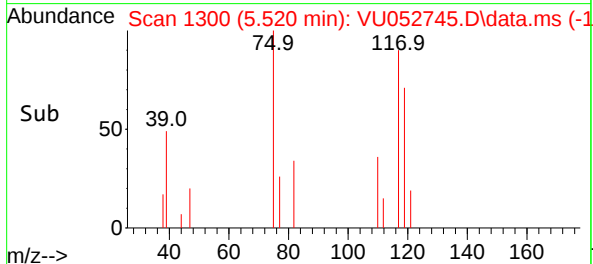
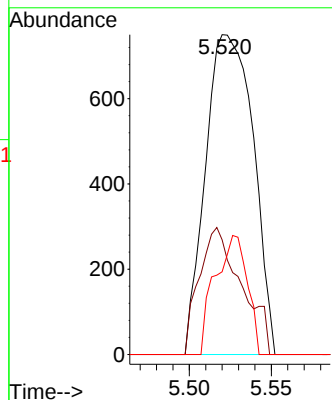
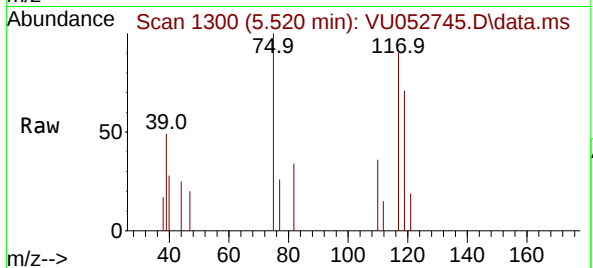
Tgt Ion:	75	Resp:	151
Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.1	51.2
77	25.1	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#37

Ethyl Acetate

Concen: 0.460 ug/l

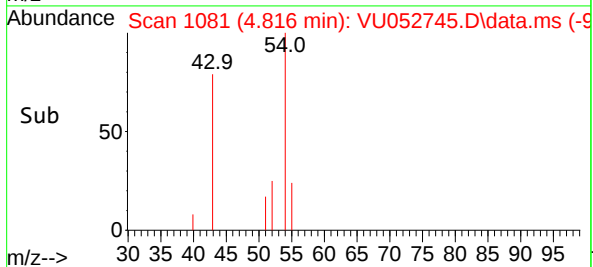
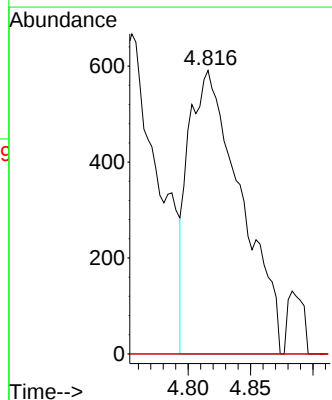
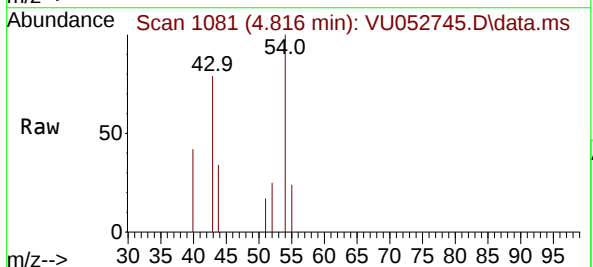
RT: 4.816 min Scan# 1081

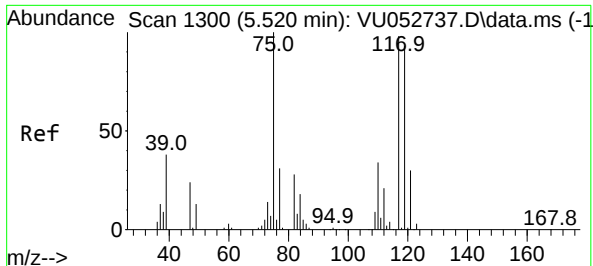
Delta R.T. 0.019 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

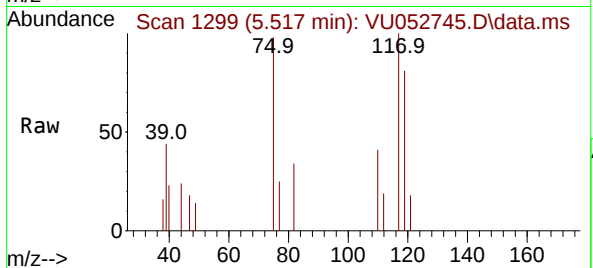
Tgt Ion:	43	Resp:	1722
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.4#
70	0.0	8.9	13.3#





#38
Carbon Tetrachloride
Concen: 0.389 ug/l
RT: 5.517 min Scan# 1299
Delta R.T. -0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

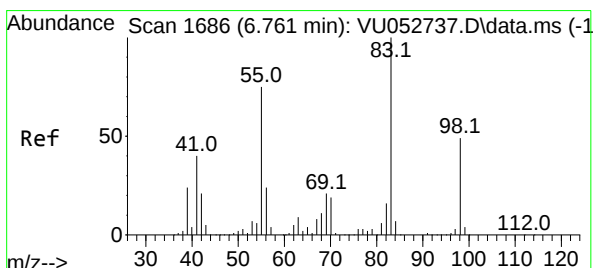
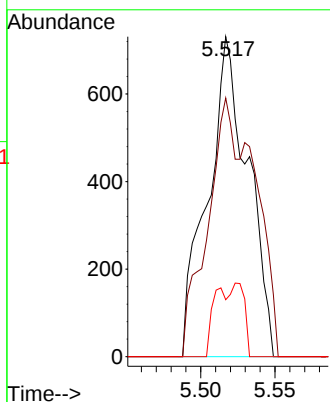
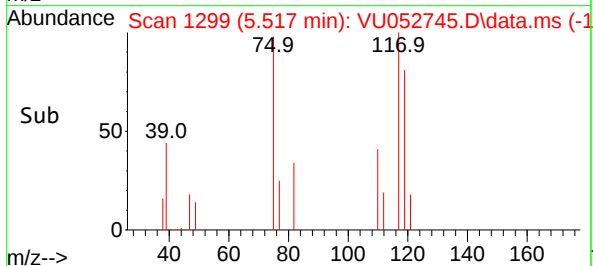
Instrument :
MSVOA_U
ClientSampleId :
MDL04



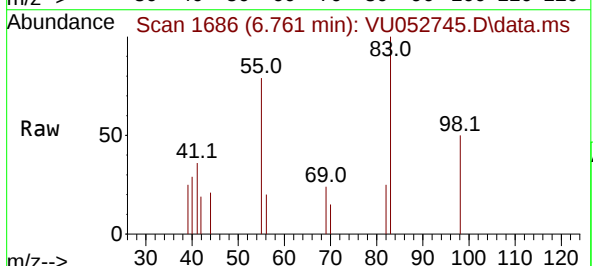
Tgt Ion: 117 Resp: 1378
Ion Ratio Lower Upper
117 100
119 80.8 75.6 113.4
121 17.8 24.2 36.4

Manual Integrations
APPROVED

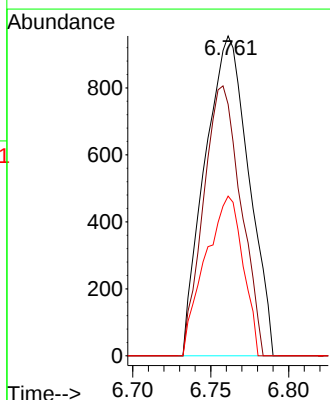
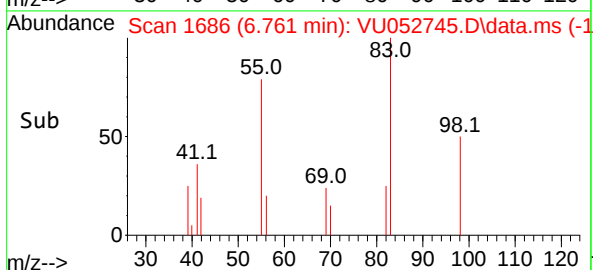
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

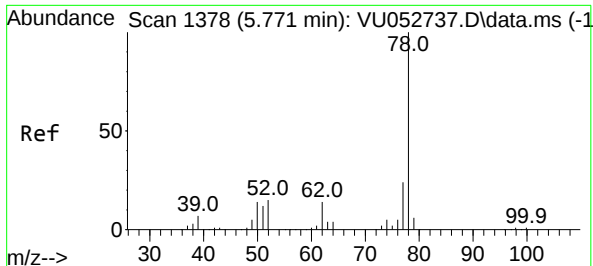


#39
Methylcyclohexane
Concen: 0.465 ug/l
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07



Tgt Ion: 83 Resp: 1866
Ion Ratio Lower Upper
83 100
55 78.6 60.4 90.6
98 49.9 38.9 58.3





#40

Benzene

Concen: 0.423 ug/l

RT: 5.774 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

MDL04

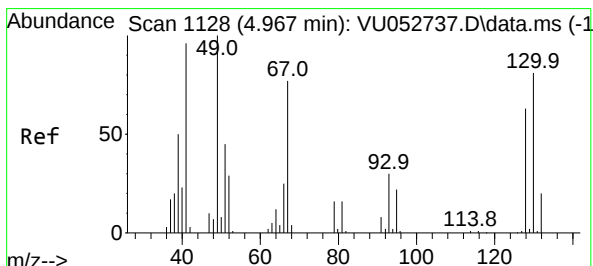
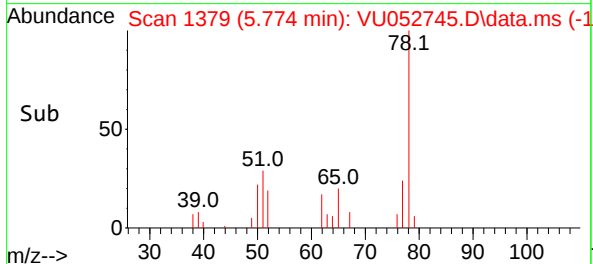
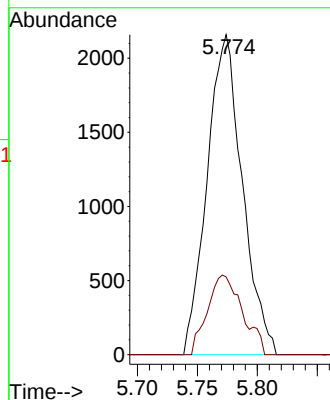
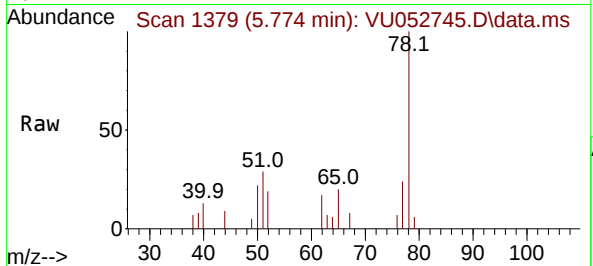
Tgt Ion: 78 Resp: 440
 Ion Ratio Lower Upper
 78 100
 77 24.3 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#41

Methacrylonitrile

Concen: 0.317 ug/l

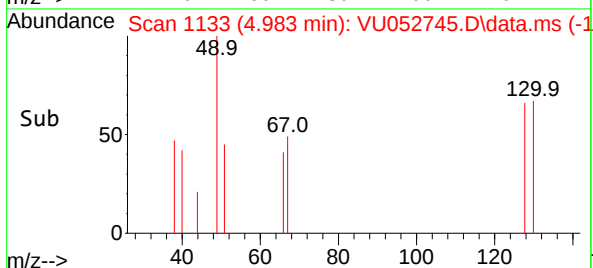
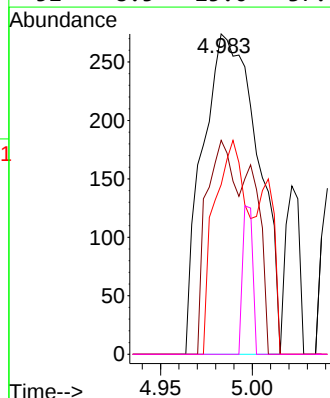
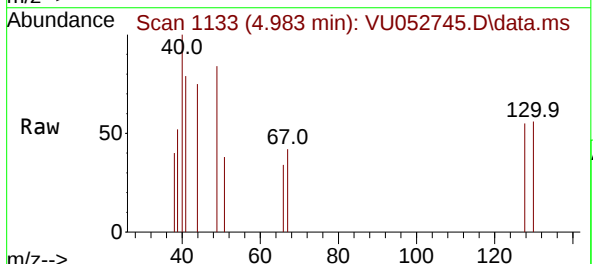
RT: 4.983 min Scan# 1133

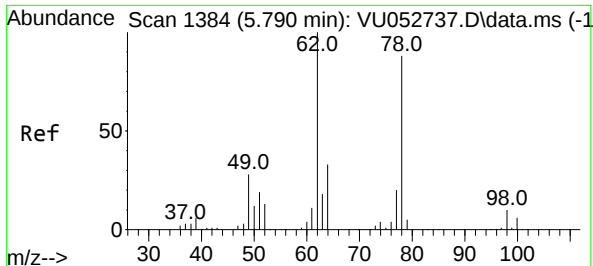
Delta R.T. 0.016 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Tgt Ion: 41 Resp: 574
 Ion Ratio Lower Upper
 41 100
 39 36.2 42.2 63.2#
 67 38.7 65.0 97.6#
 52 8.5 25.0 37.6#





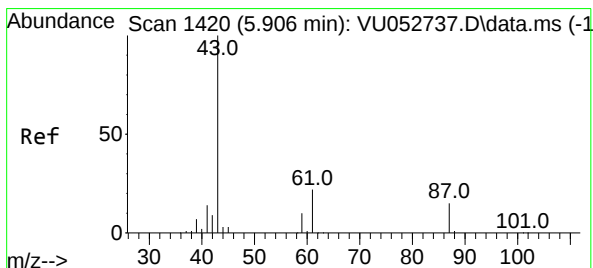
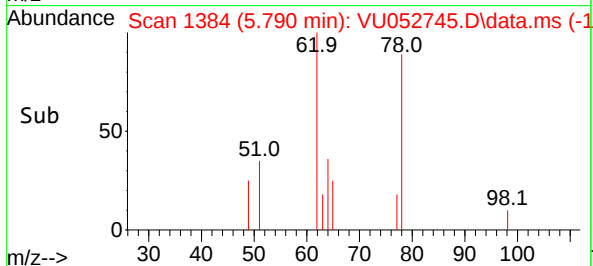
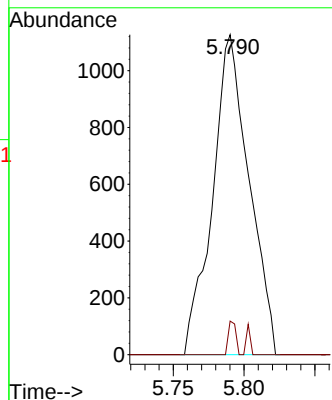
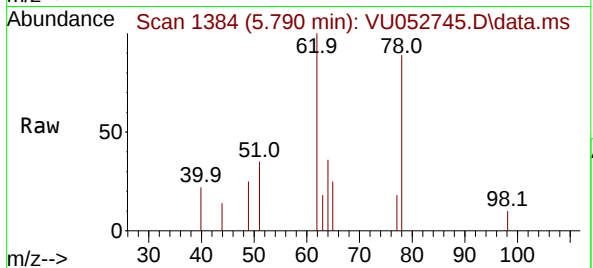
#42
 1,2-Dichloroethane
 Concen: 0.539 ug/l
 RT: 5.790 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VU052745.D
 Acq: 19 Jan 2023 19:07

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04

Tgt Ion: 62 Resp: 2025
 Ion Ratio Lower Upper
 62 100
 98 2.2 0.0 19.0

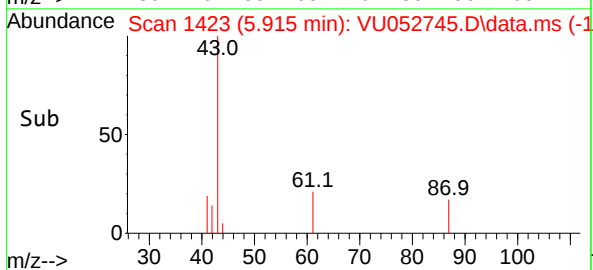
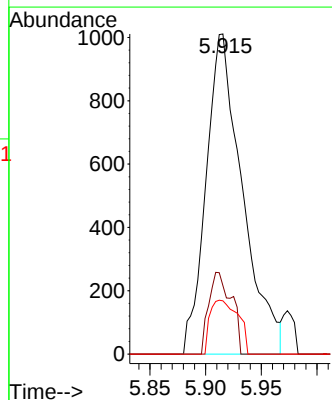
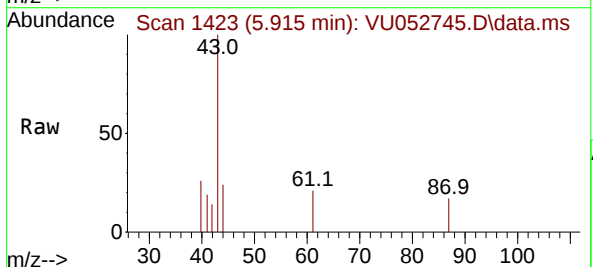
Manual Integrations
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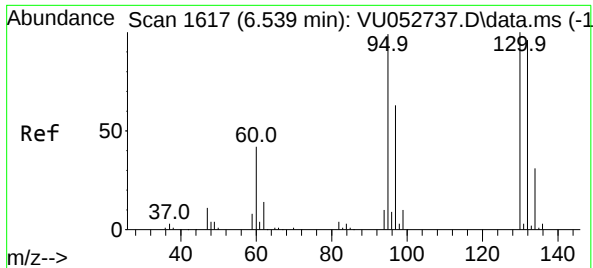
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#43
 Isopropyl Acetate
 Concen: 0.439 ug/l
 RT: 5.915 min Scan# 1423
 Delta R.T. 0.010 min
 Lab File: VU052745.D
 Acq: 19 Jan 2023 19:07

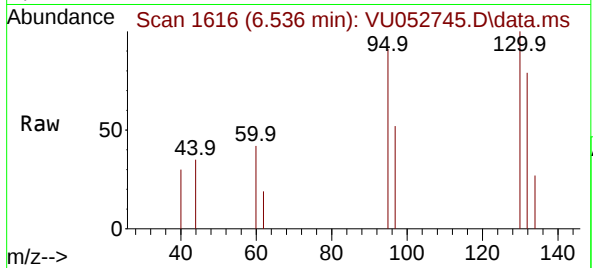
Tgt Ion: 43 Resp: 2295
 Ion Ratio Lower Upper
 43 100
 61 15.9 18.1 27.1#
 87 12.9 11.7 17.5





#44
Trichloroethene
Concen: 0.498 ug/l
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

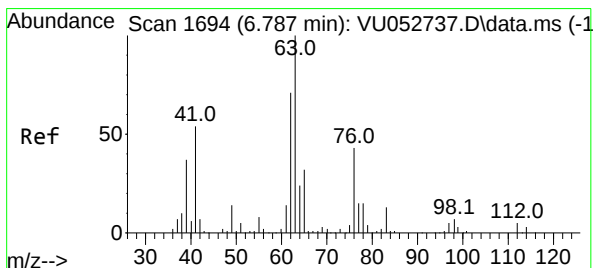
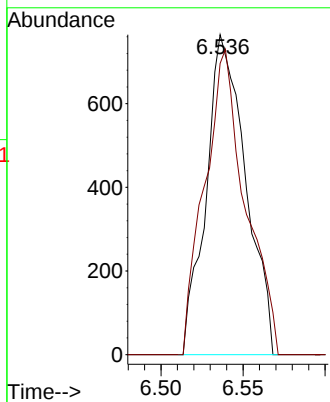
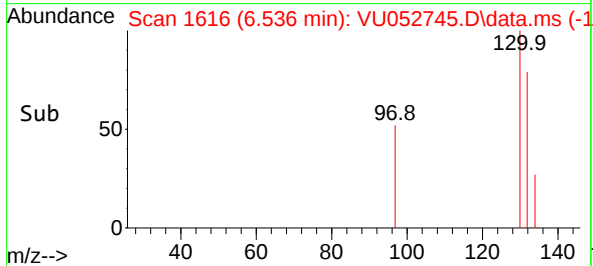
Instrument :
MSVOA_U
ClientSampleId :
MDL04



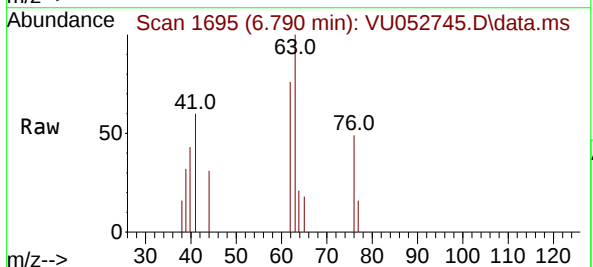
Tgt Ion:130 Resp: 128
Ion Ratio Lower Upper
130 100
95 91.0 0.0 198.2

Manual Integrations
APPROVED

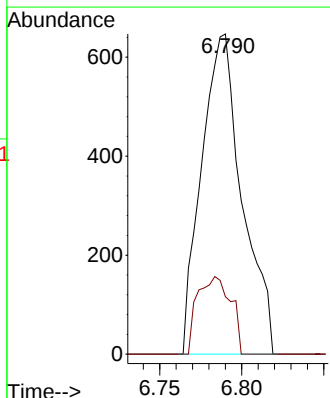
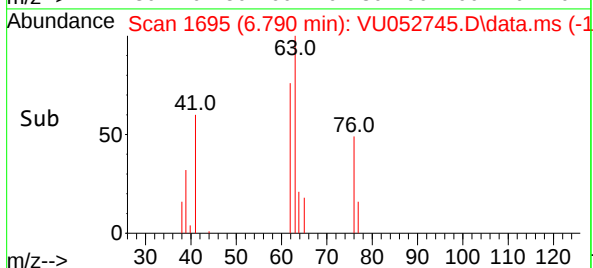
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

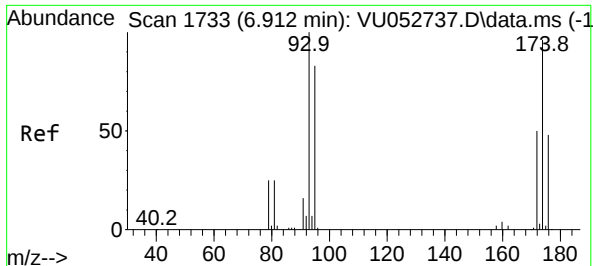


#45
1,2-Dichloropropane
Concen: 0.414 ug/l
RT: 6.790 min Scan# 1695
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07



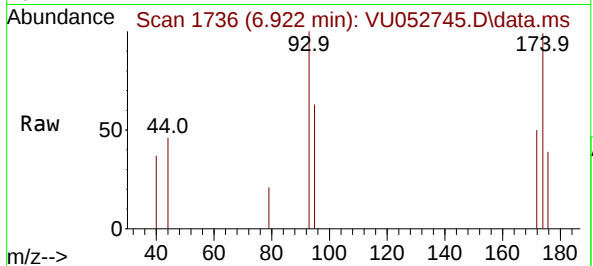
Tgt Ion: 63 Resp: 1112
Ion Ratio Lower Upper
63 100
65 17.9 26.0 39.0#





#46
Dibromomethane
Concen: 0.515 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.010 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

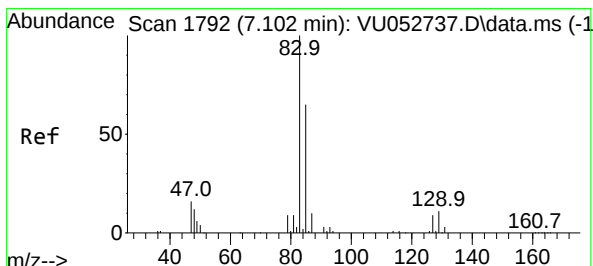
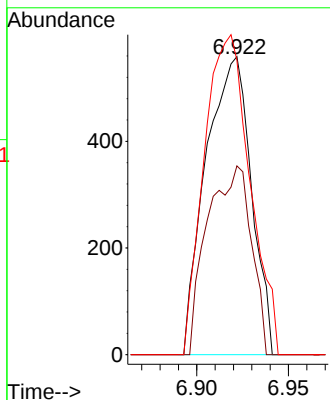
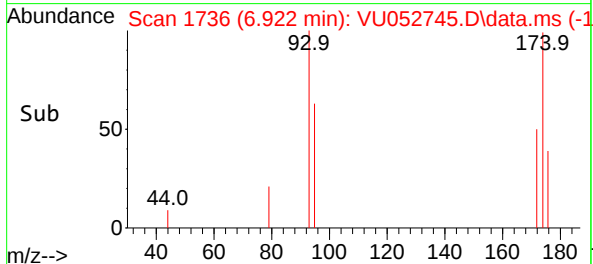
Instrument :
MSVOA_U
ClientSampleId :
MDL04



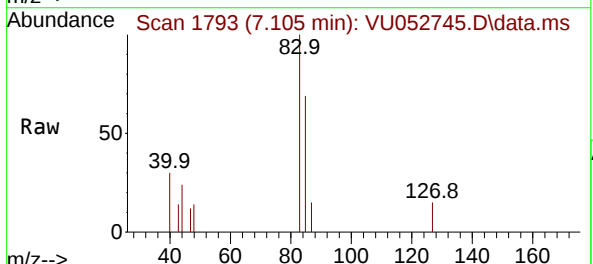
Tgt Ion: 93 Resp: 958
Ion Ratio Lower Upper
93 100
95 61.4 66.6 99.8
174 108.7 78.6 117.8

Manual Integrations
APPROVED

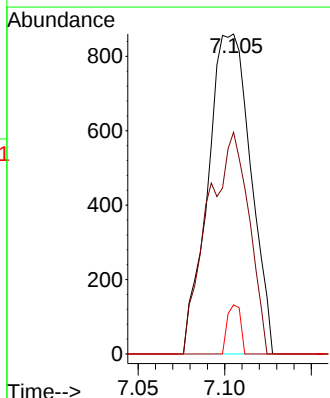
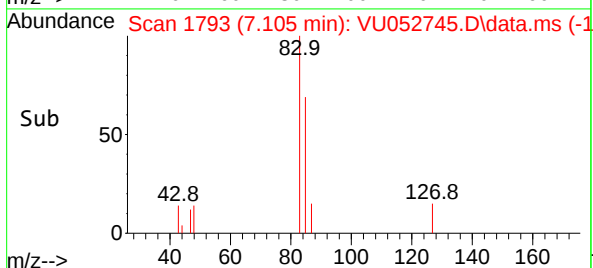
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

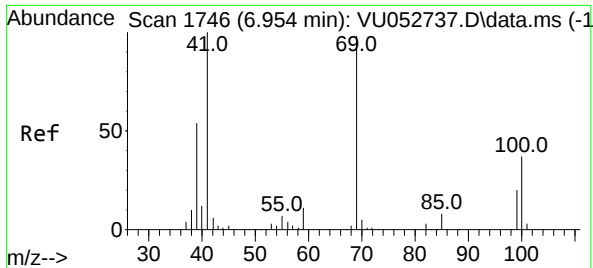


#47
Bromodichloromethane
Concen: 0.397 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07



Tgt Ion: 83 Resp: 1477
Ion Ratio Lower Upper
83 100
85 69.3 51.6 77.4
127 15.3 6.9 10.3





#48

Methyl methacrylate

Concen: 0.463 ug/l

RT: 6.964 min Scan# 1100

Delta R.T. 0.010 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

MDL04

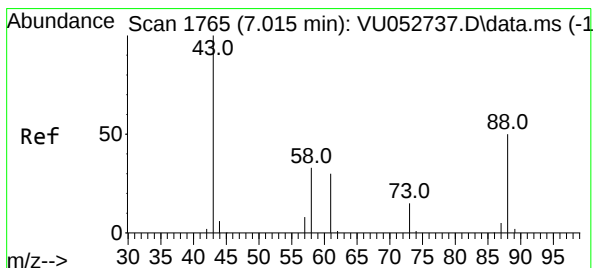
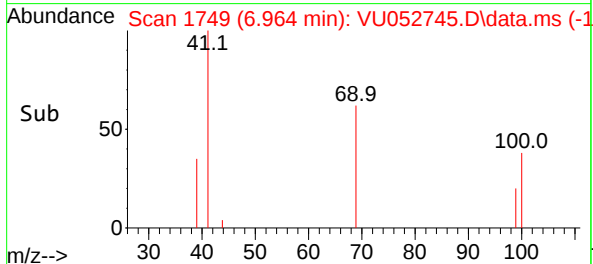
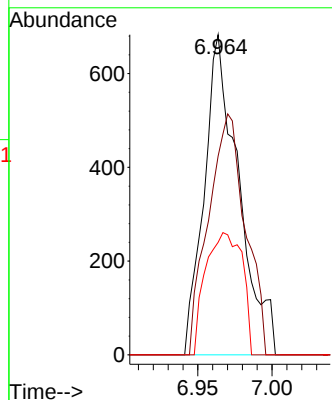
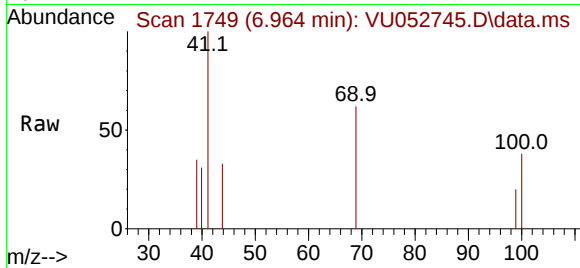
Tgt Ion:	41	Resp:	110
Ion	Ratio	Lower	Upper
41	100		
69	80.8	77.2	115.8
39	40.4	42.9	64.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#49

1,4-Dioxane

Concen: 10.995 ug/l m

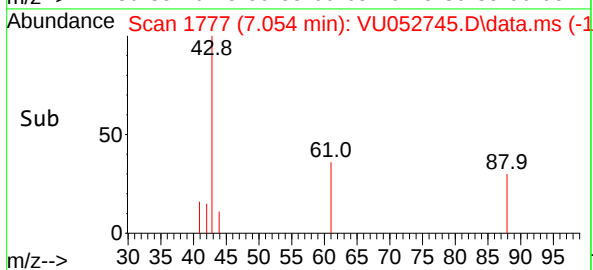
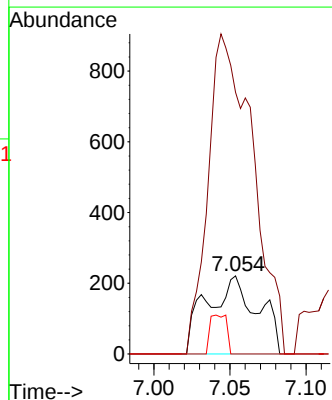
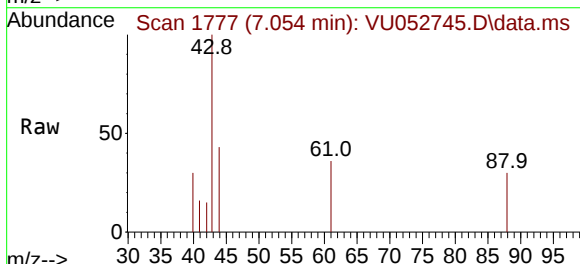
RT: 7.054 min Scan# 1777

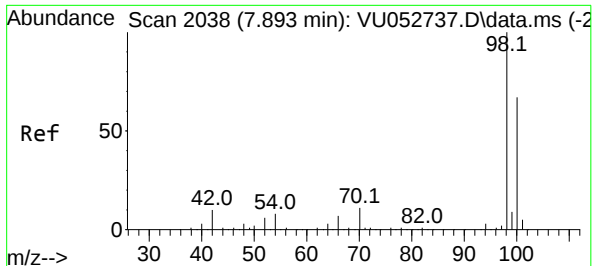
Delta R.T. 0.039 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

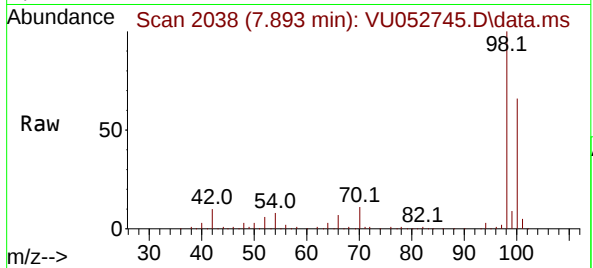
Tgt Ion:	88	Resp:	507
Ion	Ratio	Lower	Upper
88	100		
43	0.0	374.7	562.1#
58	0.0	59.2	88.8#





#50
Toluene-d8
Concen: 46.686 ug/l
RT: 7.893 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

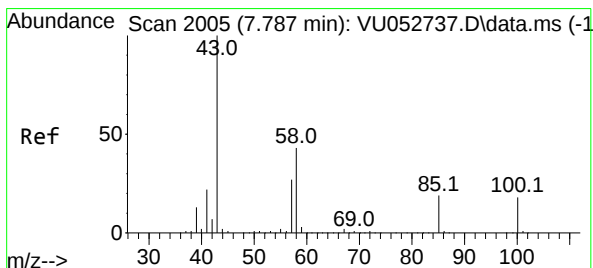
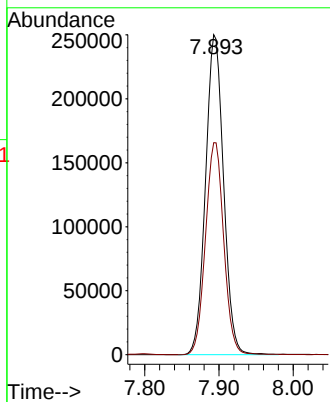
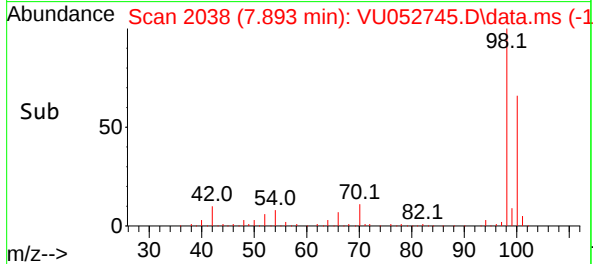
Instrument :
MSVOA_U
ClientSampleId :
MDL04



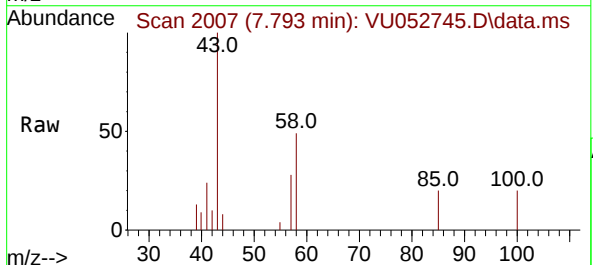
Tgt Ion: 98 Resp: 420572
Ion Ratio Lower Upper
98 100
100 67.2 53.7 80.5

Manual Integrations
APPROVED

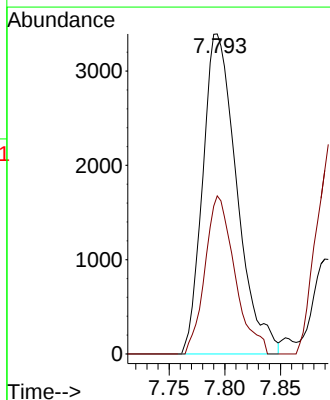
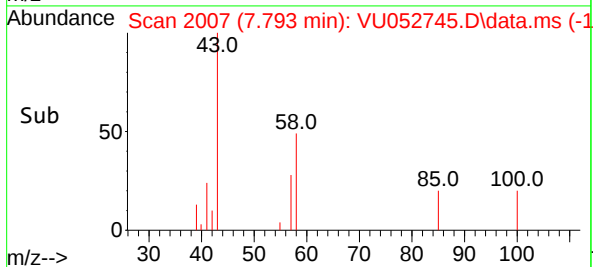
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

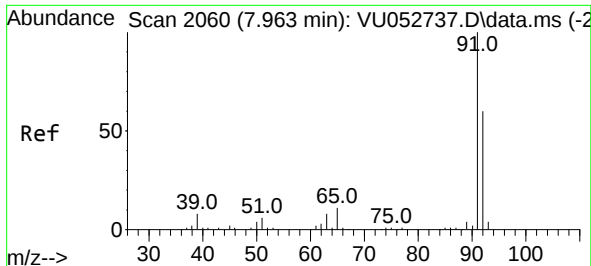


#51
4-Methyl-2-Pentanone
Concen: 2.137 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.007 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07



Tgt Ion: 43 Resp: 7222
Ion Ratio Lower Upper
43 100
58 43.1 34.6 52.0





#52

Toluene

Concen: 0.487 ug/l

RT: 7.967 min Scan# 2060

Delta R.T. 0.003 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

MDL04

Tgt Ion: 92 Resp: 306

Ion Ratio Lower Upper

92 100

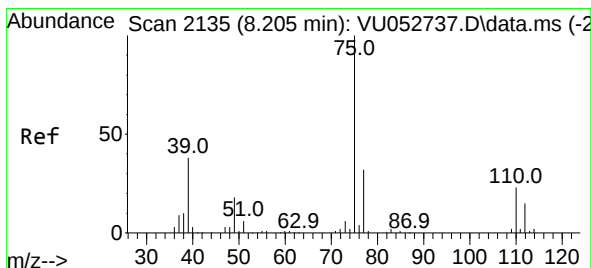
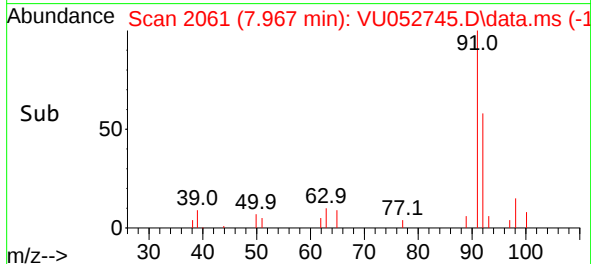
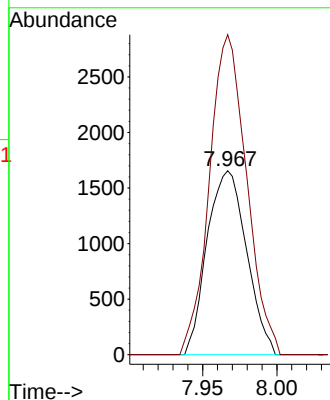
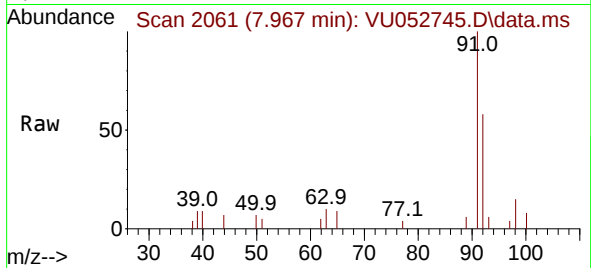
91 163.9 134.9 202.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2023

Supervised By :Mahesh Dadoda 01/20/2023



#53

t-1,3-Dichloropropene

Concen: 0.416 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.007 min

Lab File: VU052745.D

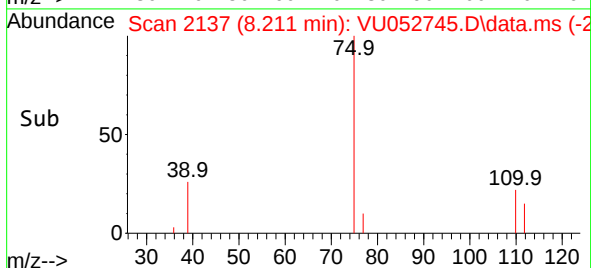
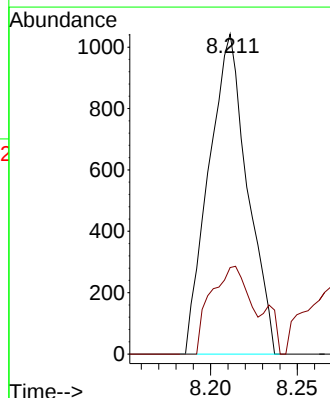
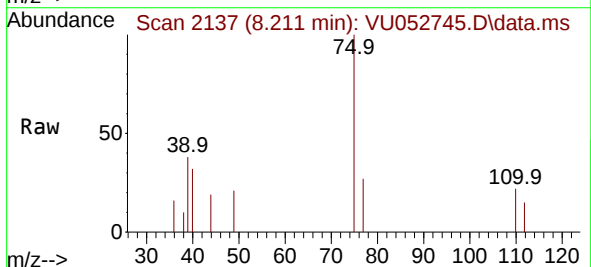
Acq: 19 Jan 2023 19:07

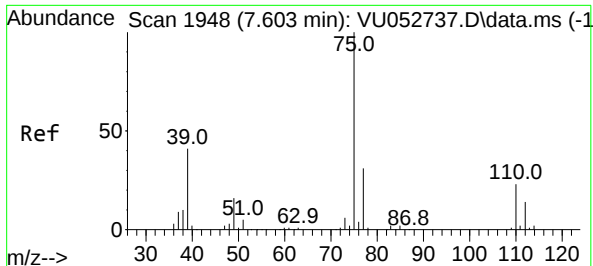
Tgt Ion: 75 Resp: 1616

Ion Ratio Lower Upper

75 100

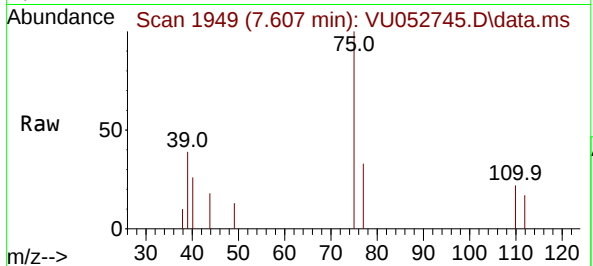
77 27.0 25.2 37.8





#54
 cis-1,3-Dichloropropene
 Concen: 0.412 ug/l
 RT: 7.607 min Scan# 1948
 Delta R.T. 0.003 min
 Lab File: VU052745.D
 Acq: 19 Jan 2023 19:07

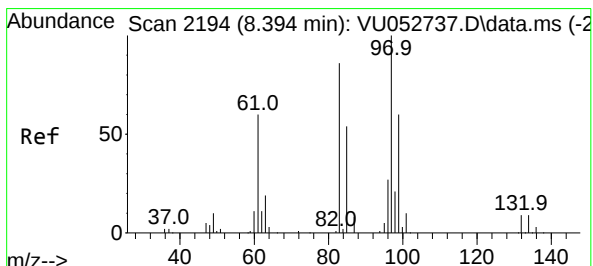
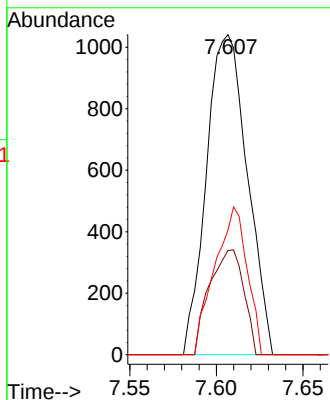
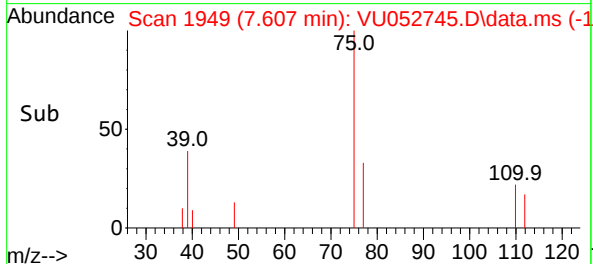
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04



Tgt Ion: 75 Resp: 1709
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.0 37.6
 39 38.9 32.9 49.3

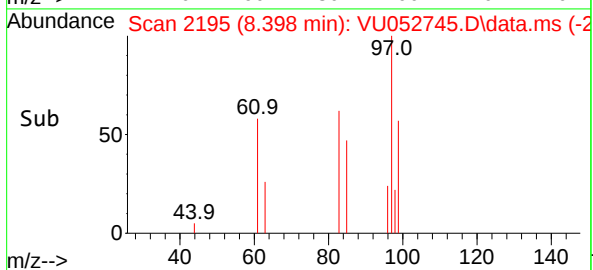
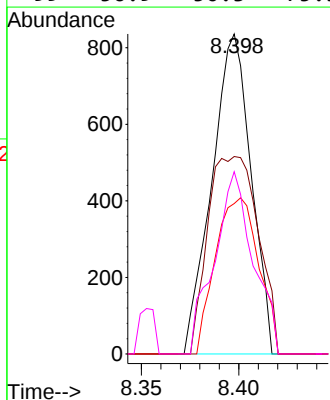
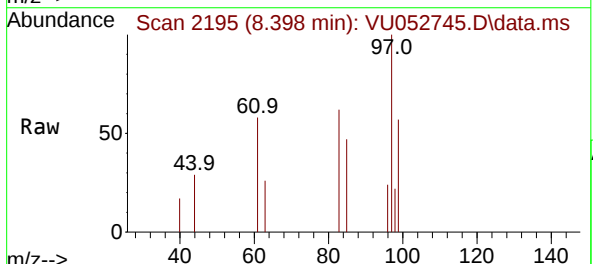
Manual Integrations
 APPROVED

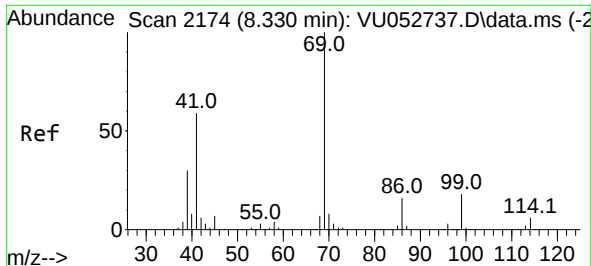
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023



#55
 1,1,2-Trichloroethane
 Concen: 0.455 ug/l
 RT: 8.398 min Scan# 2195
 Delta R.T. 0.004 min
 Lab File: VU052745.D
 Acq: 19 Jan 2023 19:07

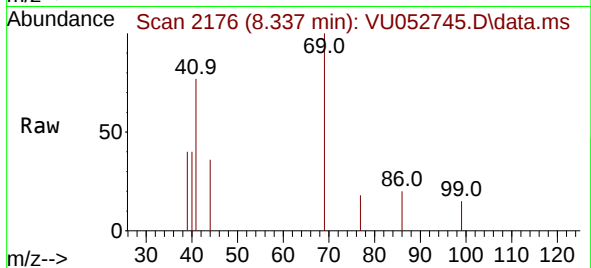
Tgt Ion: 97 Resp: 1168
 Ion Ratio Lower Upper
 97 100
 83 61.7 69.2 103.8#
 85 47.0 43.8 65.8
 99 56.9 50.3 75.5





#56
Ethyl methacrylate
Concen: 0.375 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.007 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

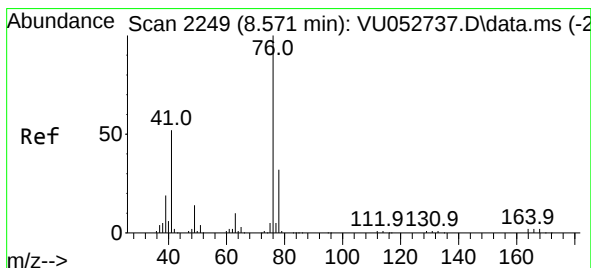
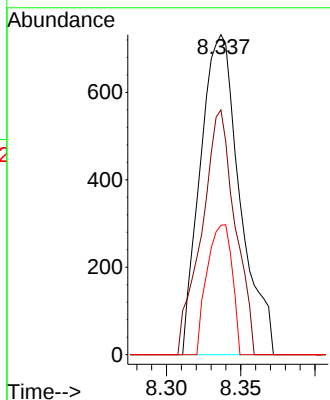
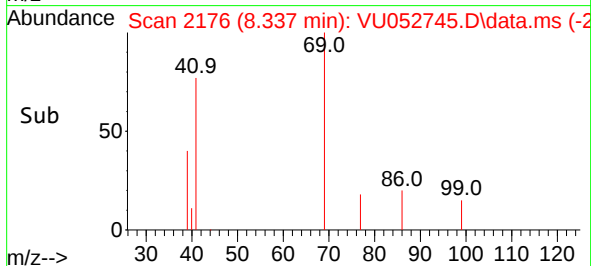
Instrument :
MSVOA_U
ClientSampleId :
MDL04



Tgt Ion: 69 Resp: 1350
Ion Ratio Lower Upper
69 100
41 64.3 47.6 71.4
39 25.5 24.3 36.5

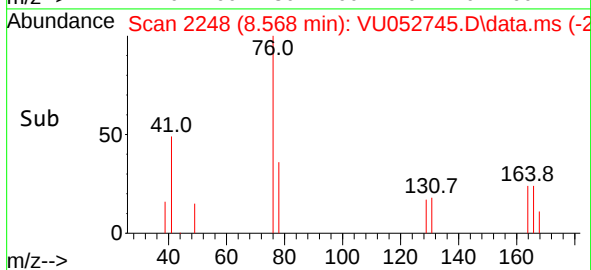
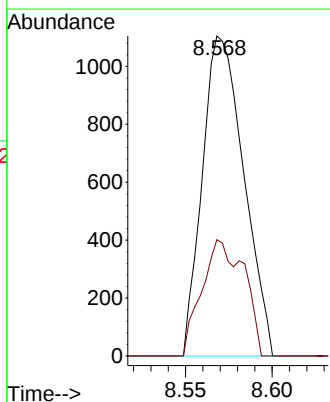
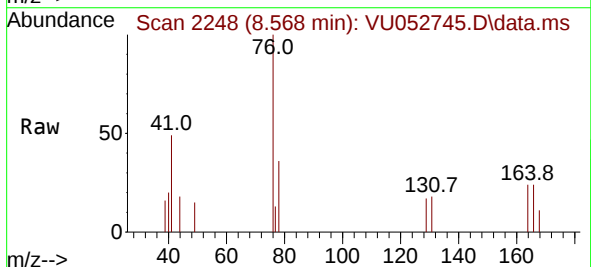
Manual Integrations
APPROVED

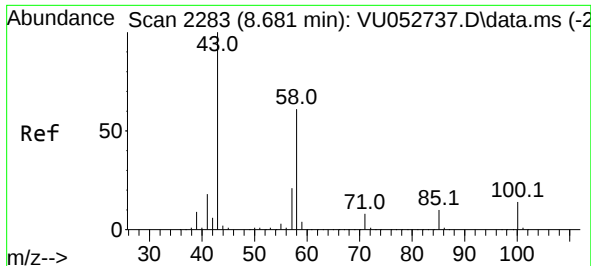
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#57
1,3-Dichloropropane
Concen: 0.407 ug/l
RT: 8.568 min Scan# 2248
Delta R.T. -0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 76 Resp: 1835
Ion Ratio Lower Upper
76 100
78 37.0 26.2 39.4





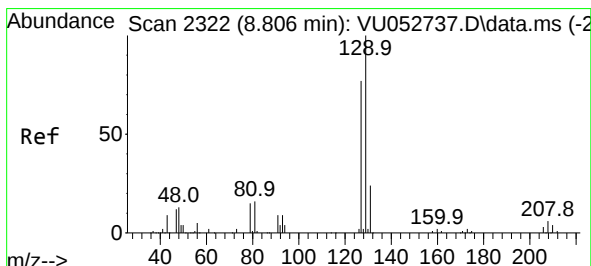
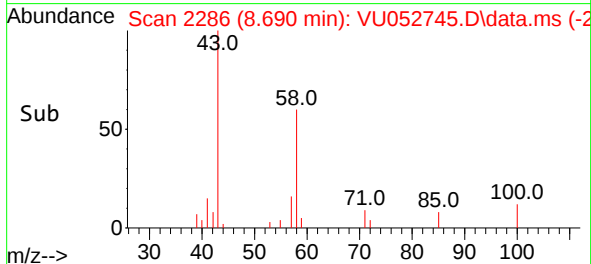
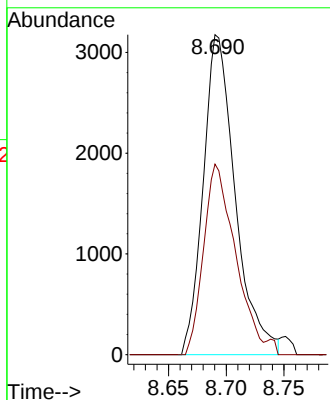
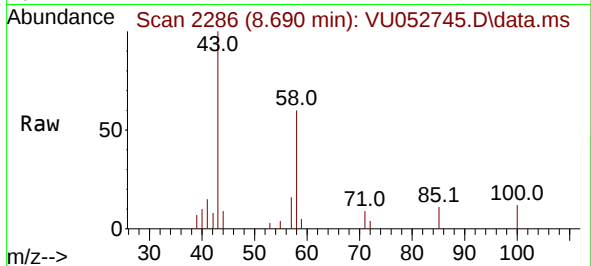
#59
2-Hexanone
Concen: 2.350 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.010 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 43 Resp: 6120
Ion Ratio Lower Upper
43 100
58 58.7 29.8 89.5

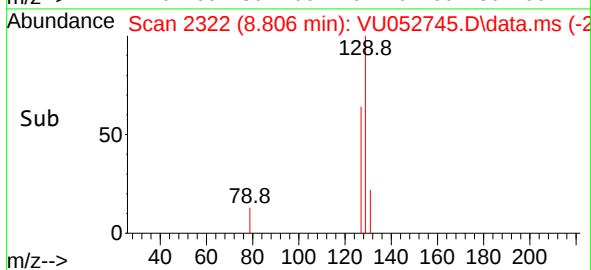
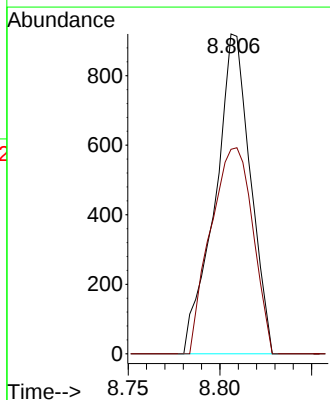
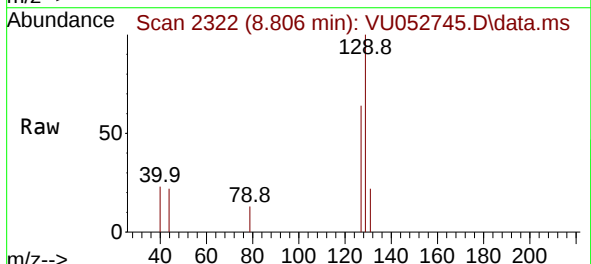
Manual Integrations
APPROVED

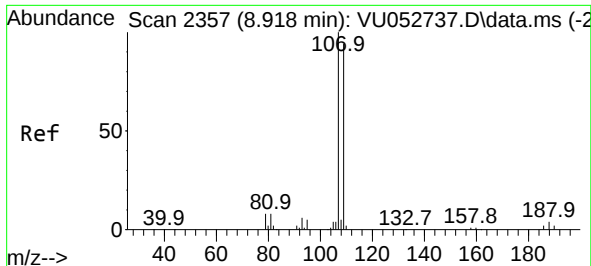
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#60
Dibromochloromethane
Concen: 0.435 ug/l
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion:129 Resp: 1228
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2





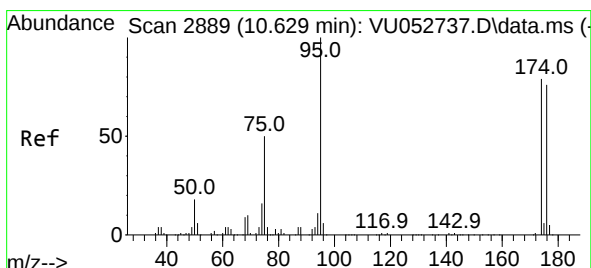
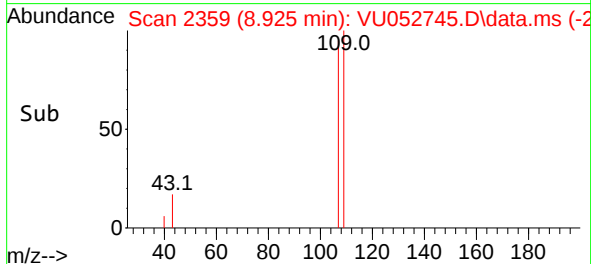
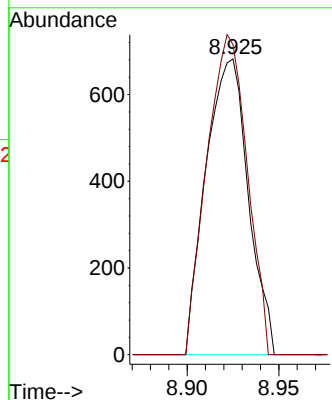
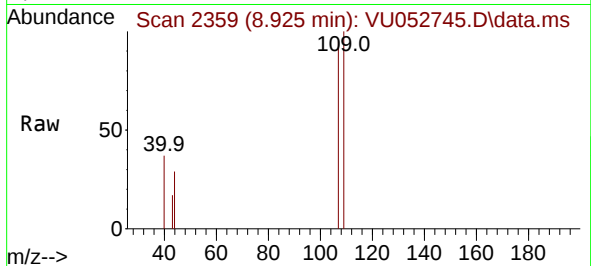
#61
1,2-Dibromoethane
Concen: 0.407 ug/l
RT: 8.925 min Scan# 2109
Delta R.T. 0.007 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:107 Resp: 109
Ion Ratio Lower Upper
107 100
109 103.3 75.0 112.6

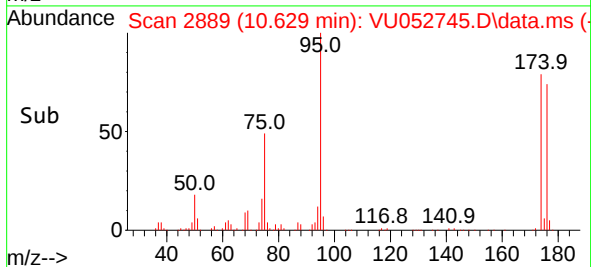
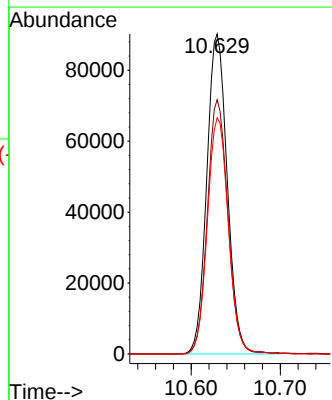
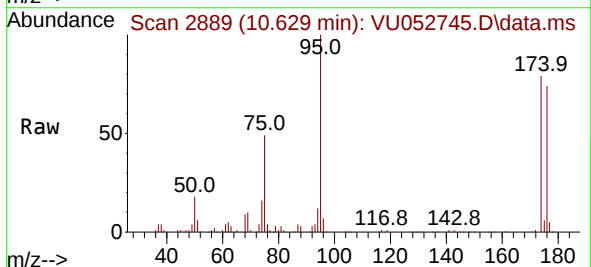
Manual Integrations
APPROVED

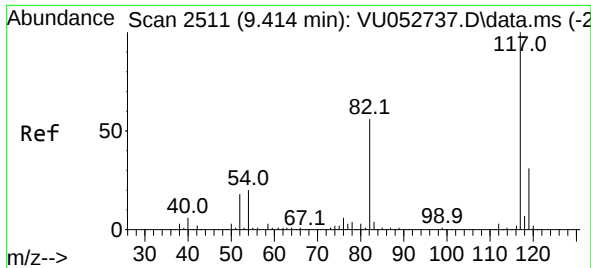
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#62
4-Bromofluorobenzene
Concen: 43.747 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

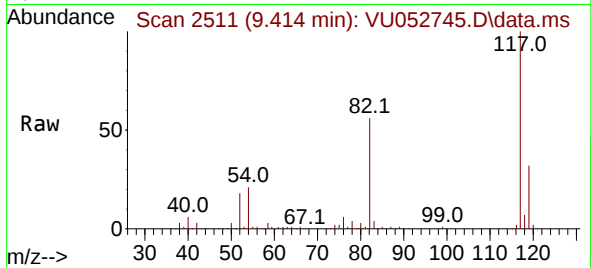
Tgt Ion: 95 Resp: 143962
Ion Ratio Lower Upper
95 100
174 79.6 0.0 158.6
176 75.5 0.0 150.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.414 min Scan# 2511
Delta R.T. -0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

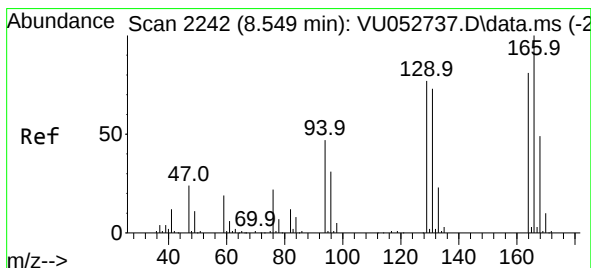
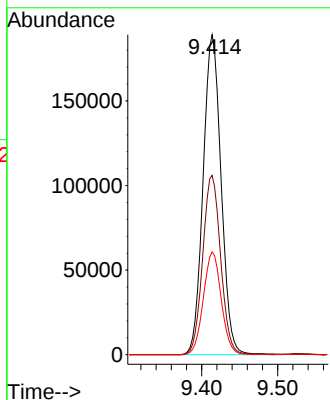
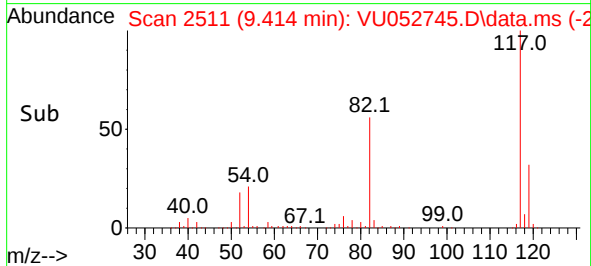
Instrument :
MSVOA_U
ClientSampleId :
MDL04



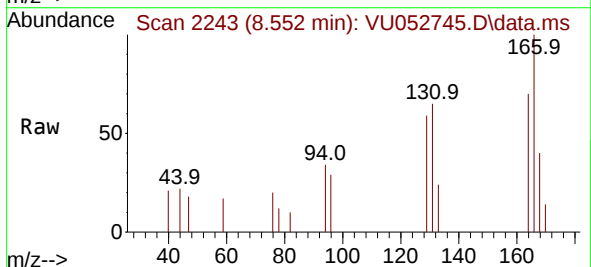
Tgt Ion:117 Resp: 311010
Ion Ratio Lower Upper
117 100
82 56.0 44.7 67.1
119 32.1 25.0 37.6

Manual Integrations
APPROVED

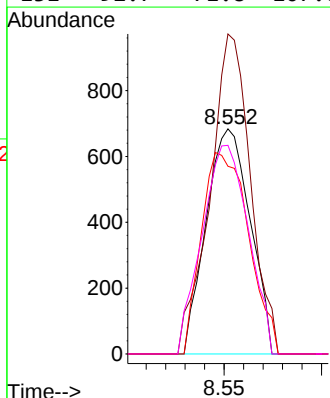
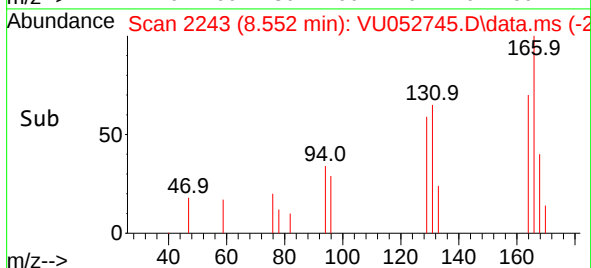
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

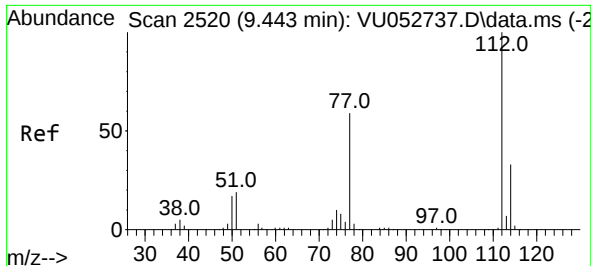


#64
Tetrachloroethene
Concen: 0.497 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07



Tgt Ion:164 Resp: 1074
Ion Ratio Lower Upper
164 100
166 142.1 98.9 148.3
129 83.3 76.0 114.0
131 92.7 71.8 107.6





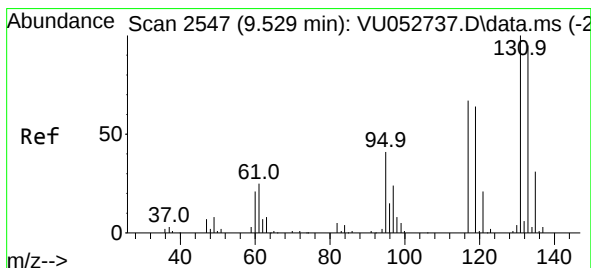
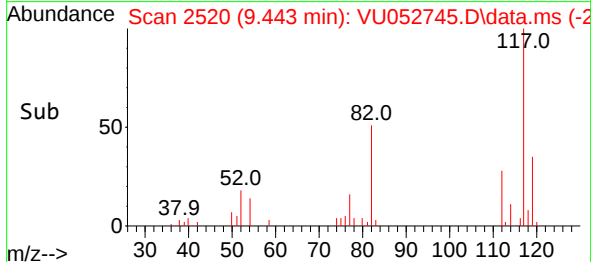
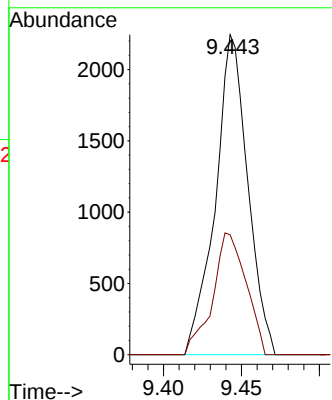
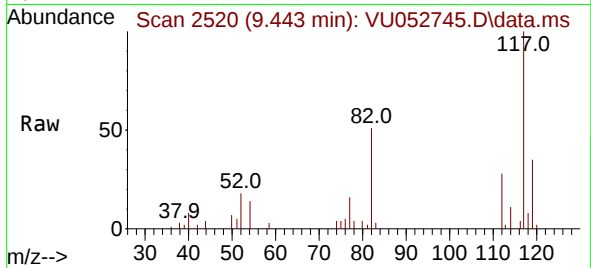
#65
Chlorobenzene
Concen: 0.493 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:112 Resp: 324
Ion Ratio Lower Upper
112 100
114 37.5 26.1 39.1

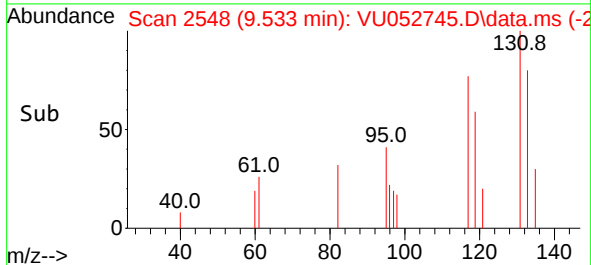
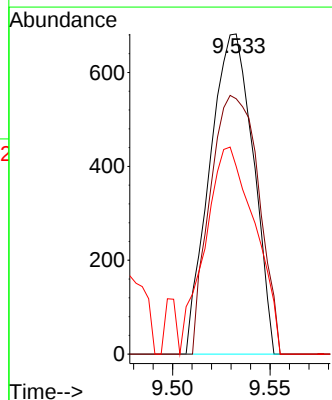
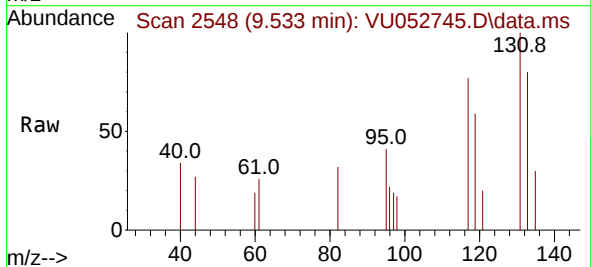
Manual Integrations
APPROVED

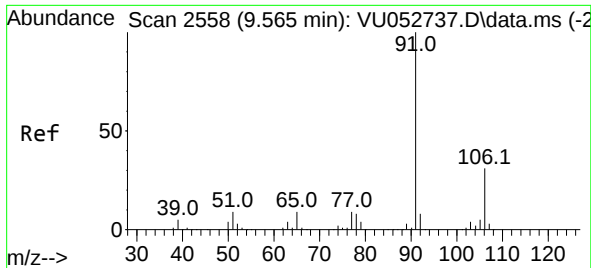
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 0.429 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion:131 Resp: 1059
Ion Ratio Lower Upper
131 100
133 90.1 48.4 145.0
119 0.0 32.1 96.3





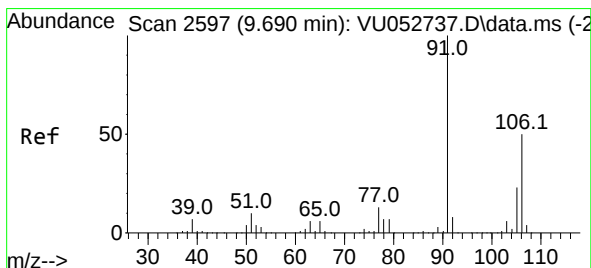
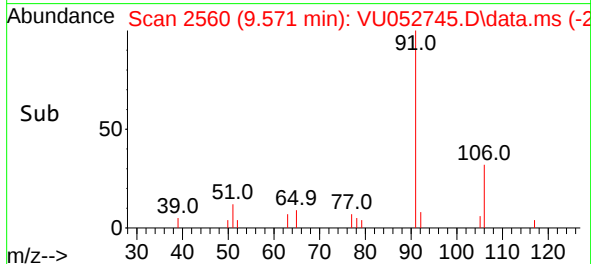
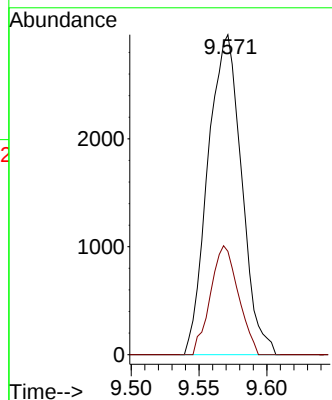
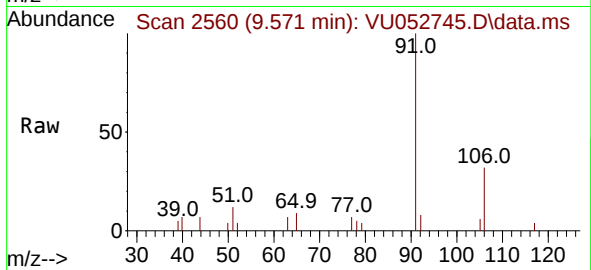
#67
Ethyl Benzene
Concen: 0.460 ug/l
RT: 9.571 min Scan# 2558
Delta R.T. 0.007 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 91 Resp: 5118
Ion Ratio Lower Upper
91 100
106 32.3 24.6 37.0

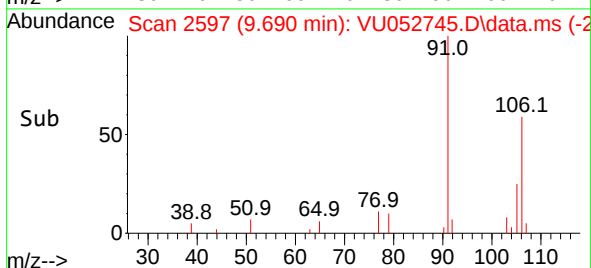
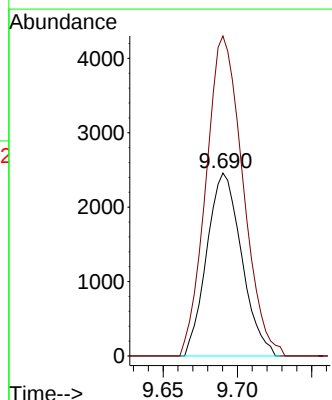
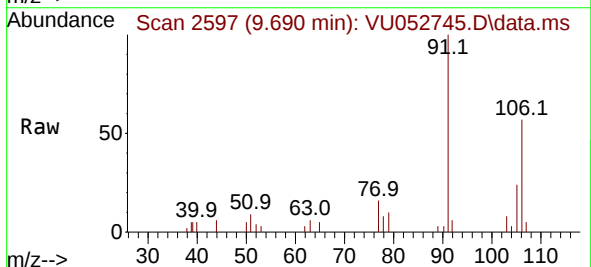
Manual Integrations
APPROVED

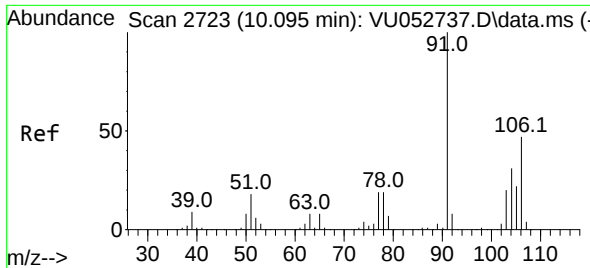
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#68
m/p-Xylenes
Concen: 0.930 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion:106 Resp: 4016
Ion Ratio Lower Upper
106 100
91 184.8 160.8 241.2





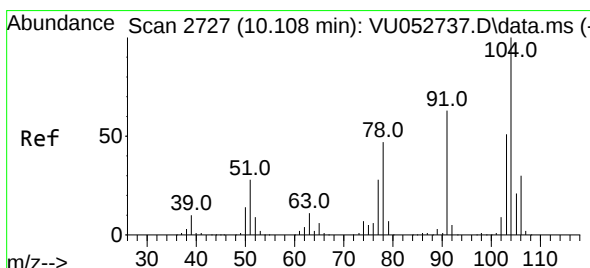
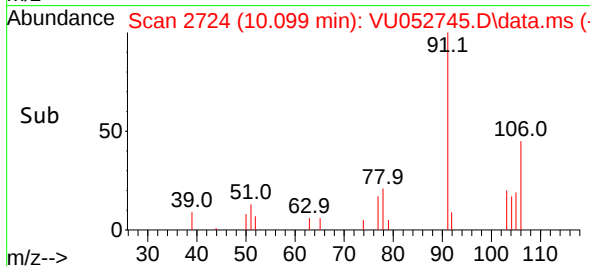
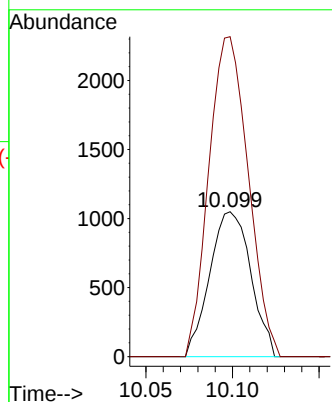
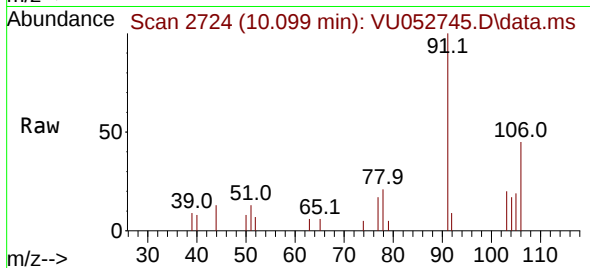
#69
o-Xylene
Concen: 0.419 ug/l
RT: 10.099 min Scan# 2723
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:106 Resp: 1720
Ion Ratio Lower Upper
106 100
91 212.1 107.9 323.7

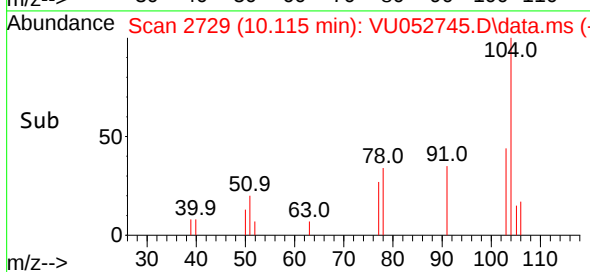
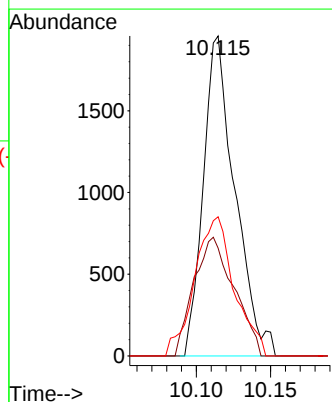
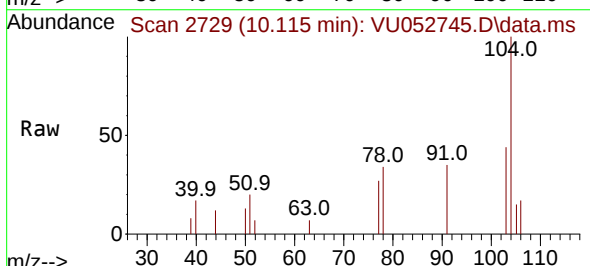
Manual Integrations
APPROVED

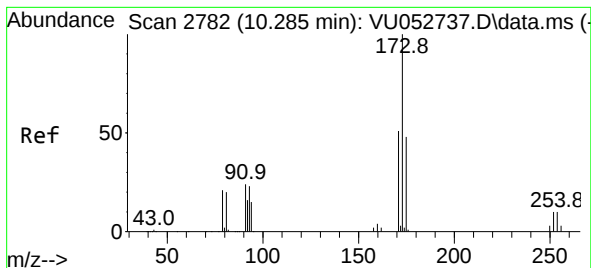
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#70
Styrene
Concen: 0.429 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.007 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion:104 Resp: 2902
Ion Ratio Lower Upper
104 100
78 47.2 39.9 59.9
103 54.3 43.4 65.2





#71

Bromoform

Concen: 0.447 ug/l

RT: 10.288 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Instrument :

MSVOA_U

ClientSampleId :

MDL04

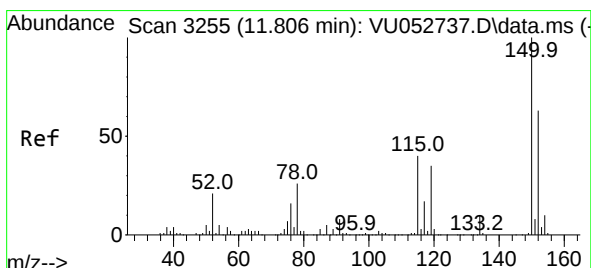
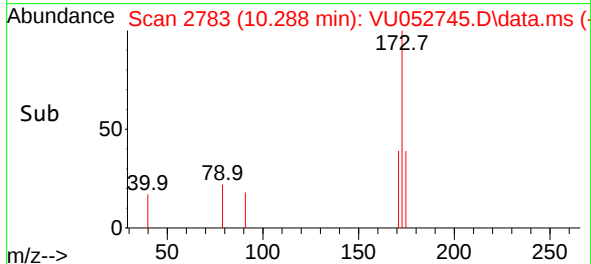
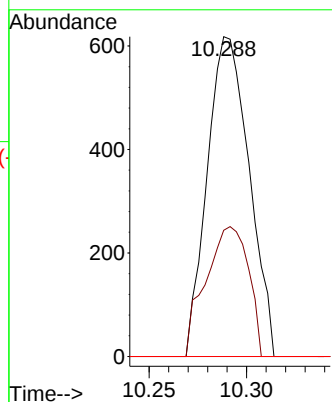
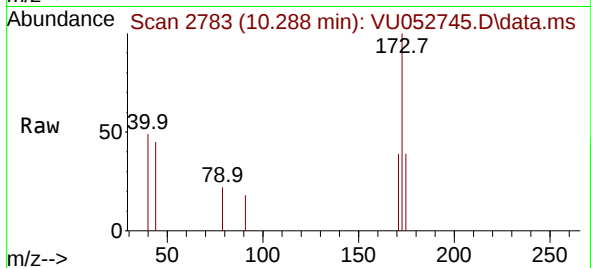
Tgt Ion:173	Resp:	92
Ion Ratio	Lower	Upper
173	100	
175	41.4	24.1 72.2
254	0.0	0.0 0.0

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

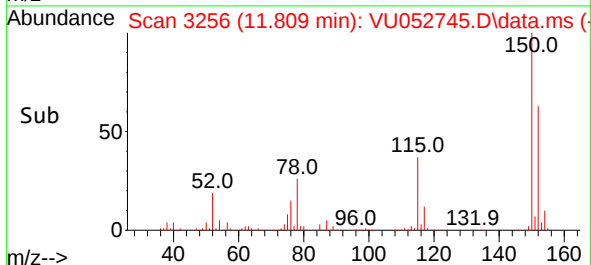
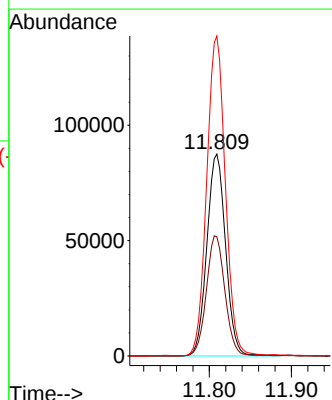
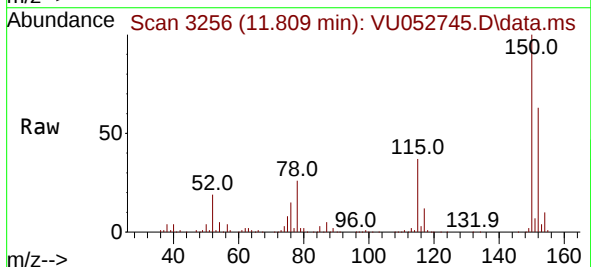
RT: 11.809 min Scan# 3256

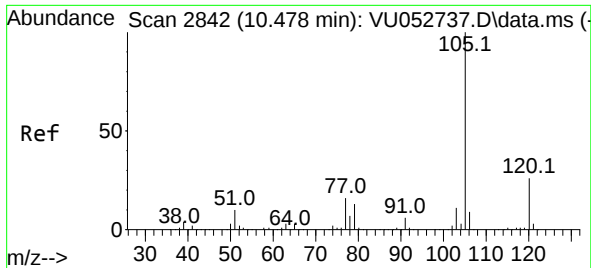
Delta R.T. 0.003 min

Lab File: VU052745.D

Acq: 19 Jan 2023 19:07

Tgt Ion:152	Resp:	139267
Ion Ratio	Lower	Upper
152	100	
115	58.9	41.7 125.1
150	156.8	0.0 349.2





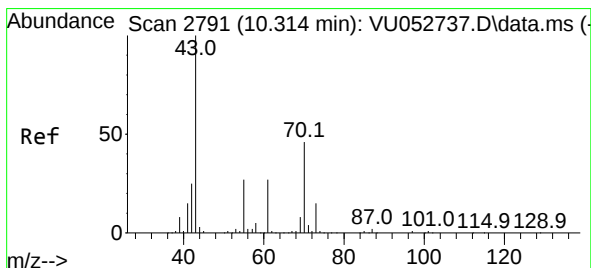
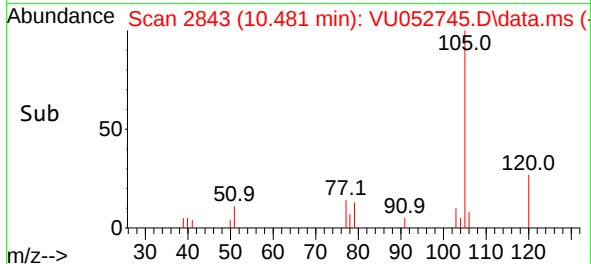
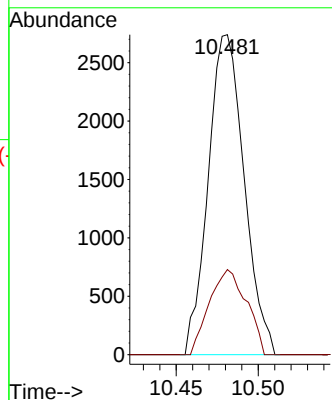
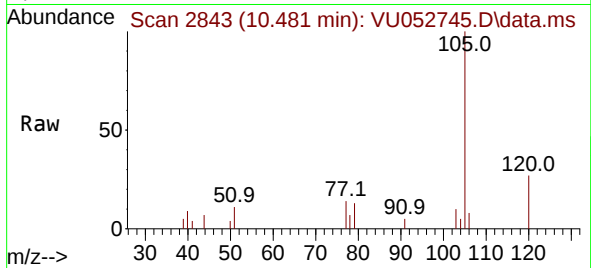
#73
Isopropylbenzene
Concen: 0.455 ug/l
RT: 10.481 min Scan# 2842
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion:105 Resp: 4170
Ion Ratio Lower Upper
105 100
120 27.5 13.2 39.5

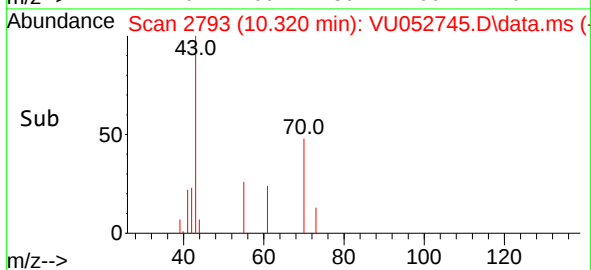
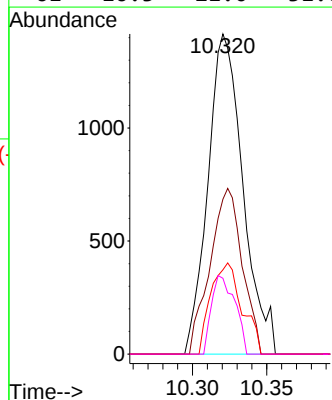
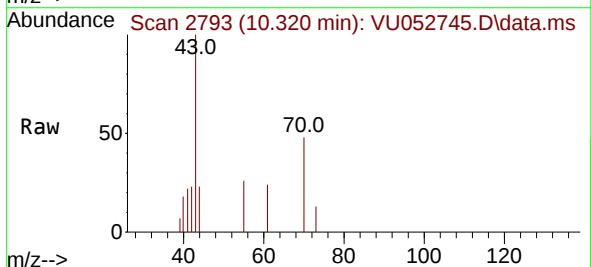
Manual Integrations
APPROVED

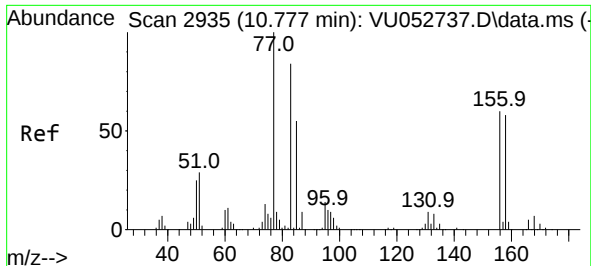
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#74
N-ethyl acetate
Concen: 0.665 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.006 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Tgt Ion: 43 Resp: 2323
Ion Ratio Lower Upper
43 100
70 47.6 37.9 56.9
55 25.4 21.9 32.9
61 16.3 21.0 31.6#





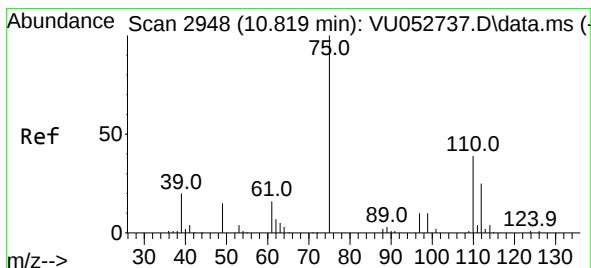
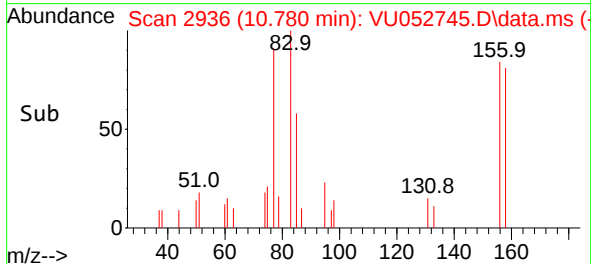
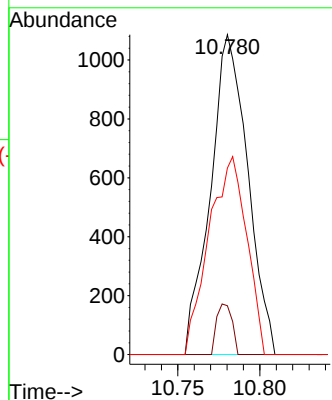
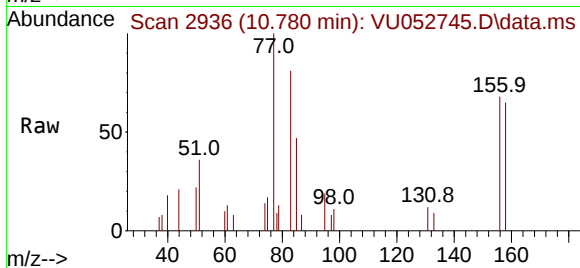
#75
1,1,2,2-Tetrachloroethane
Concen: 0.471 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 83 Resp: 171
Ion Ratio Lower Upper
83 100
131 6.5 5.0 14.9
85 62.7 32.3 96.8

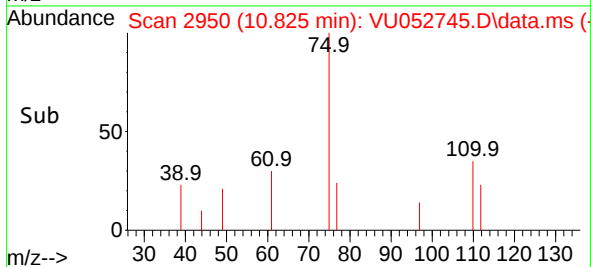
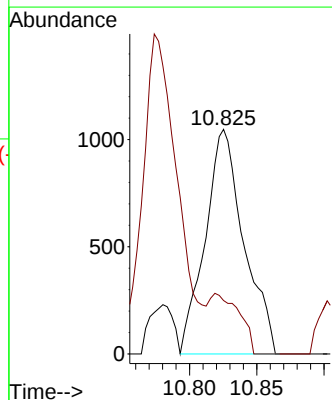
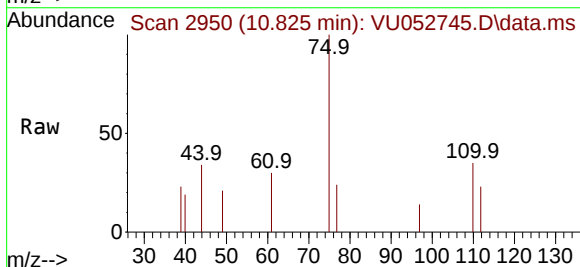
Manual Integrations
APPROVED

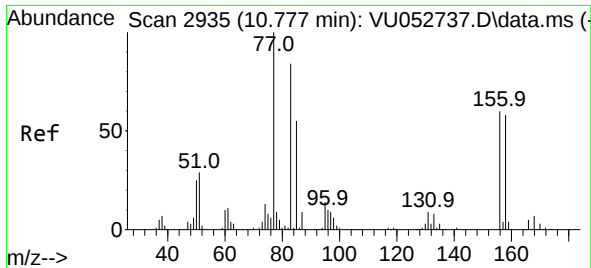
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#76
1,2,3-Trichloropropane
Concen: 0.552 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. 0.007 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

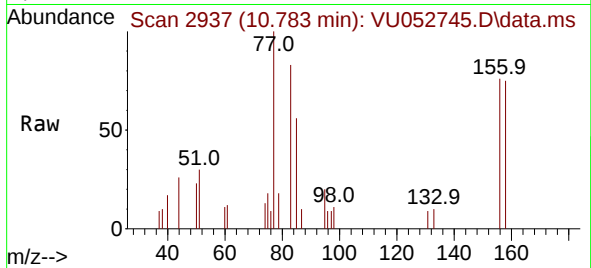
Tgt Ion: 75 Resp: 2096
Ion Ratio Lower Upper
75 100
77 40.2 15.0 45.1





#77
Bromobenzene
Concen: 0.573 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.007 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

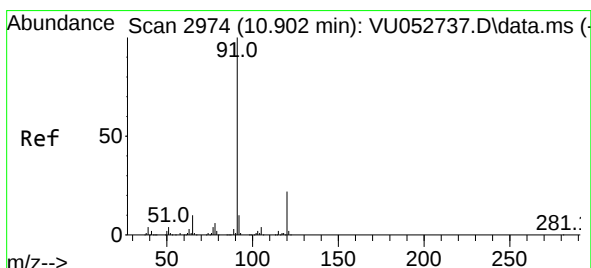
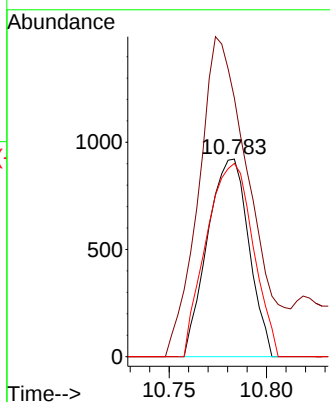
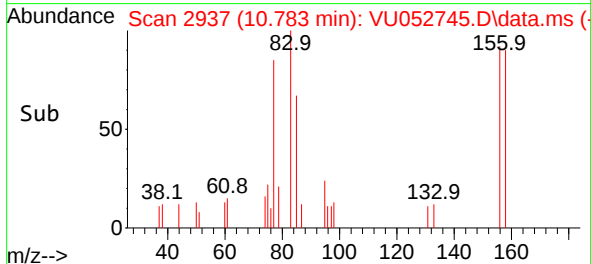
Instrument :
MSVOA_U
ClientSampleId :
MDL04



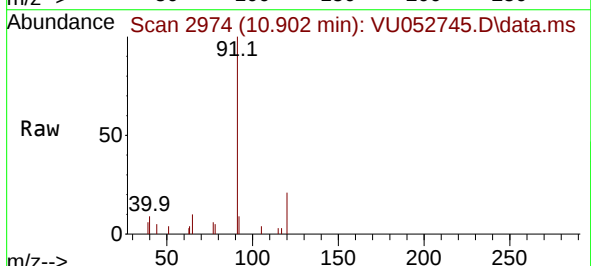
Tgt Ion:156 Resp: 1359
Ion Ratio Lower Upper
156 100
77 200.1 83.8 251.4
158 110.6 48.7 146.1

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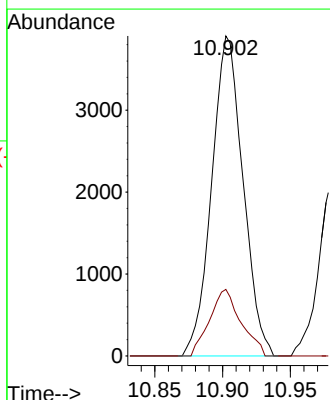
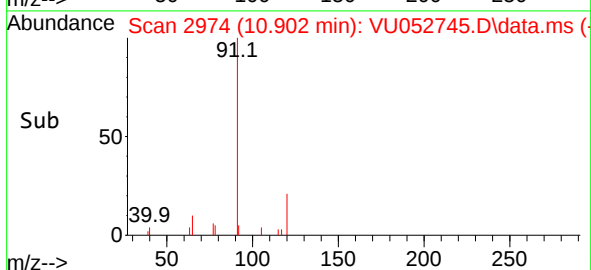
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

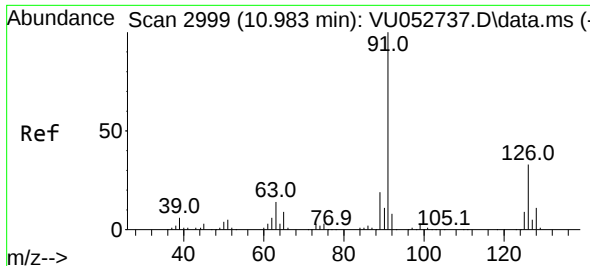


#78
n-propylbenzene
Concen: 0.582 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07



Tgt Ion: 91 Resp: 6275
Ion Ratio Lower Upper
91 100
120 20.8 11.3 33.8





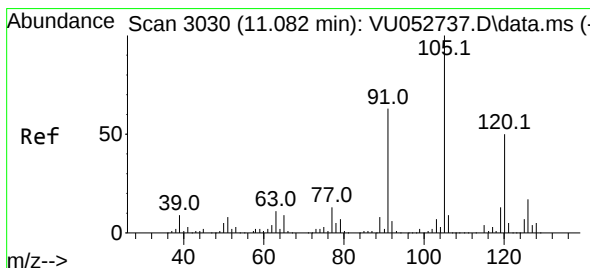
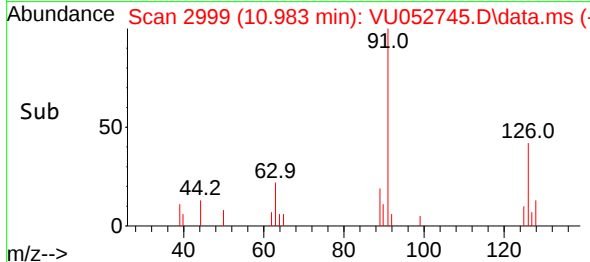
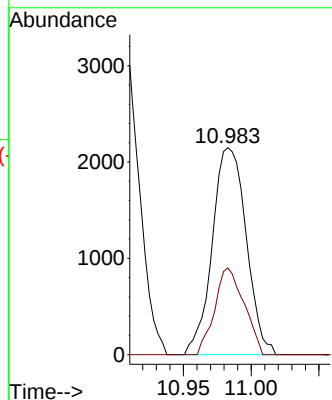
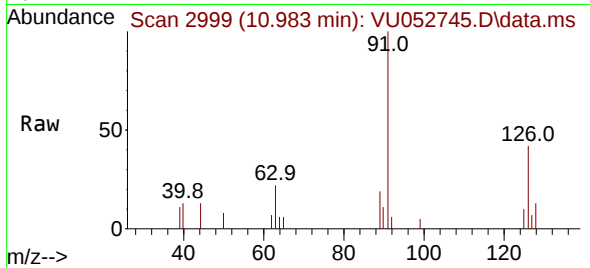
#79
2-Chlorotoluene
Concen: 0.562 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Tgt Ion: 91 Resp: 3748
Ion Ratio Lower Upper
91 100
126 36.1 16.7 50.0

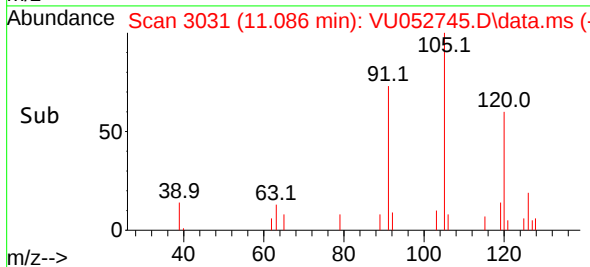
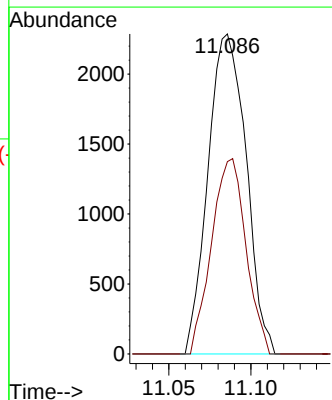
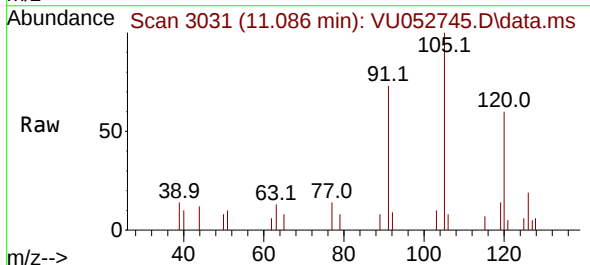
Manual Integrations
APPROVED

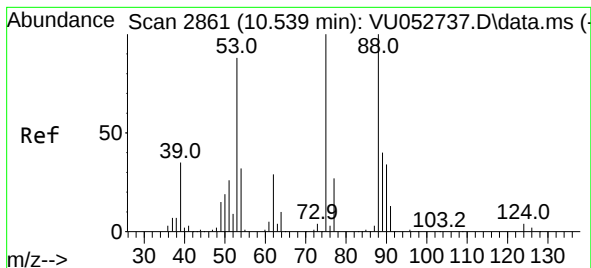
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.484 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

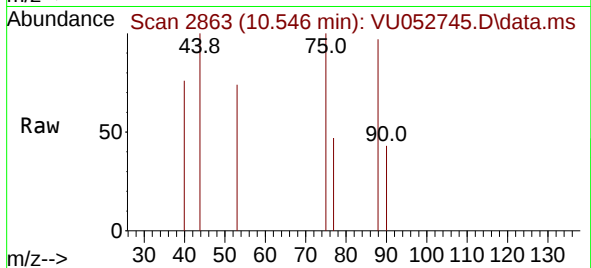
Tgt Ion:105 Resp: 3687
Ion Ratio Lower Upper
105 100
120 55.1 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 0.301 ug/l m
RT: 10.546 min Scan# 2863
Delta R.T. 0.007 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

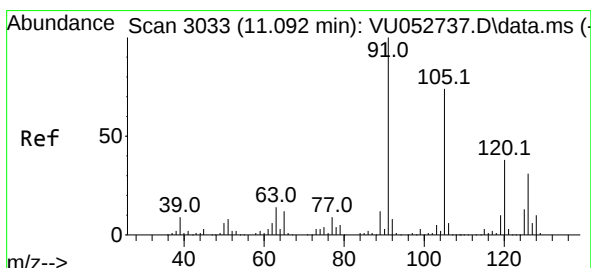
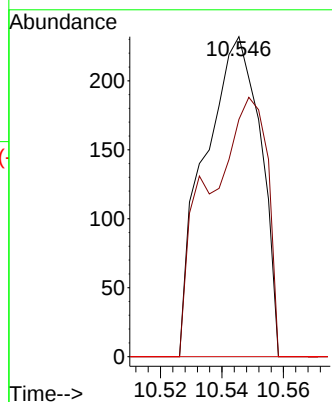
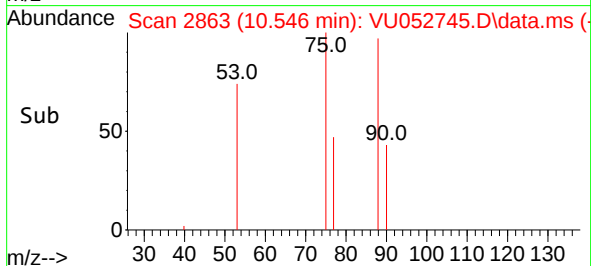
Instrument :
MSVOA_U
ClientSampleId :
MDL04



Tgt Ion: 75 Resp: 294
Ion Ratio Lower Upper
75 100
53 14.3 72.4 108.6
89 0.0 35.0 52.4

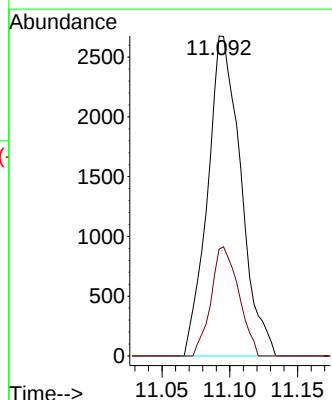
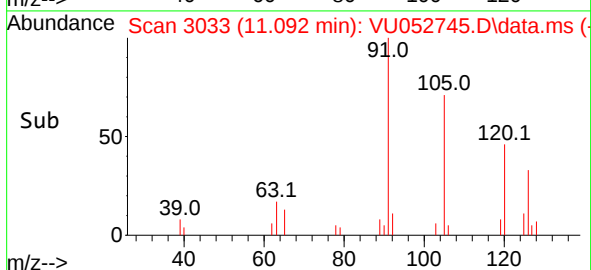
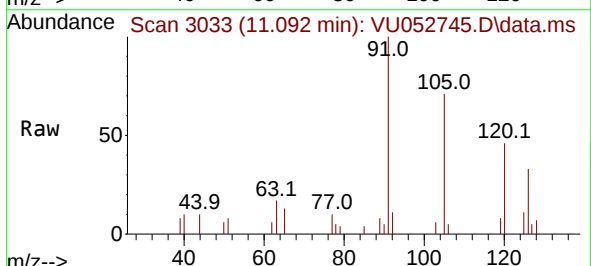
Manual Integrations
APPROVED

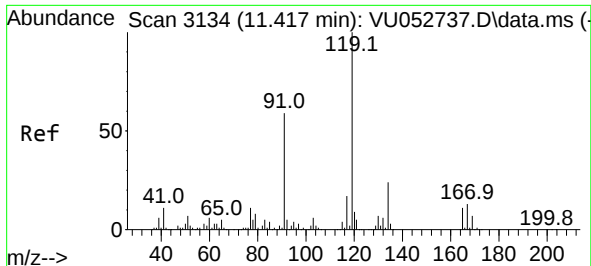
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#82
4-Chlorotoluene
Concen: 0.601 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

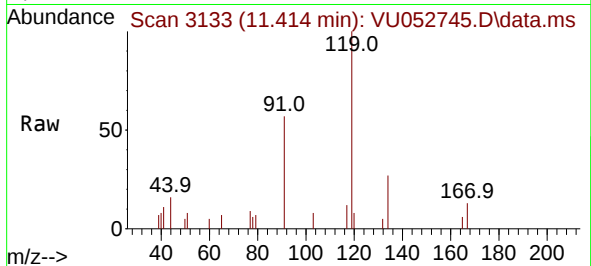
Tgt Ion: 91 Resp: 4565
Ion Ratio Lower Upper
91 100
126 28.4 14.9 44.7





#83
tert-Butylbenzene
Concen: 0.481 ug/l
RT: 11.414 min Scan# 3134
Delta R.T. -0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

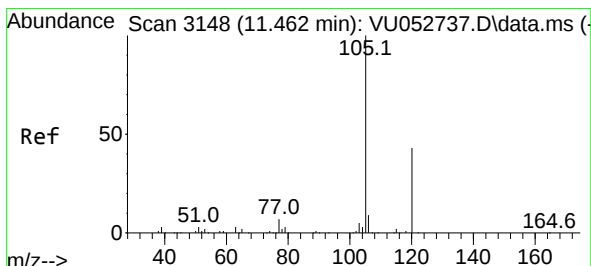
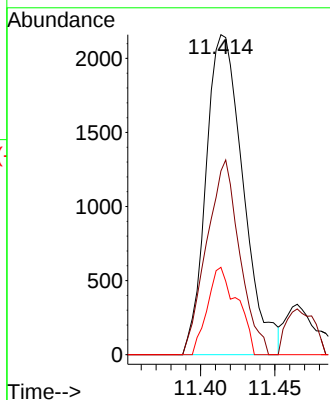
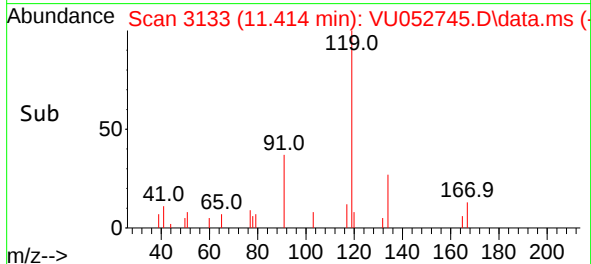
Instrument :
MSVOA_U
ClientSampleId :
MDL04



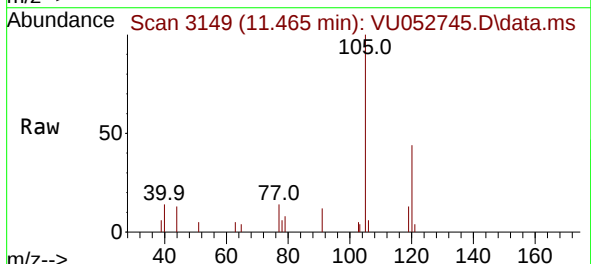
Tgt Ion:119 Resp: 3759
Ion Ratio Lower Upper
119 100
91 54.1 28.4 85.2
134 21.8 11.5 34.5

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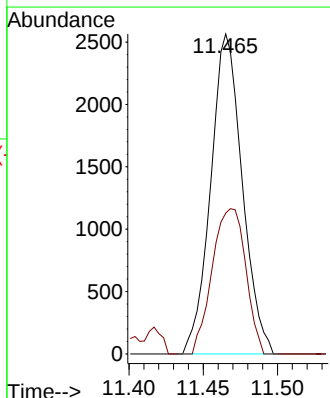
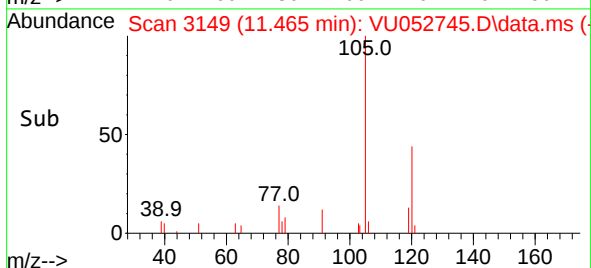
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

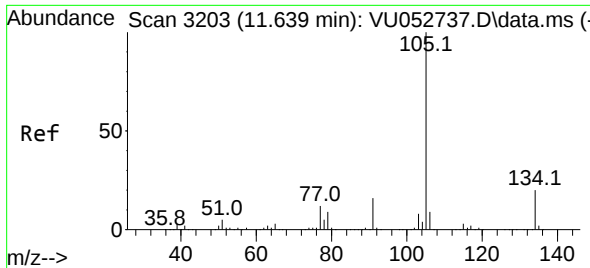


#84
1,2,4-Trimethylbenzene
Concen: 0.501 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07



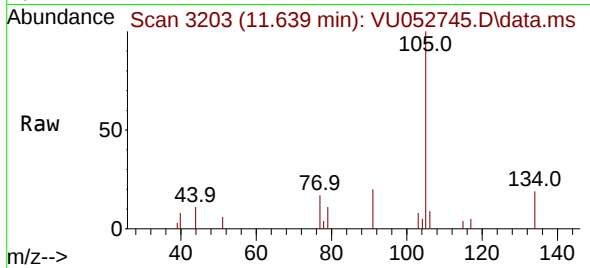
Tgt Ion:105 Resp: 3793
Ion Ratio Lower Upper
105 100
120 48.1 23.2 69.5





#85
 sec-Butylbenzene
 Concen: 0.491 ug/l
 RT: 11.639 min Scan# 3203
 Delta R.T. 0.000 min
 Lab File: VU052745.D
 Acq: 19 Jan 2023 19:07

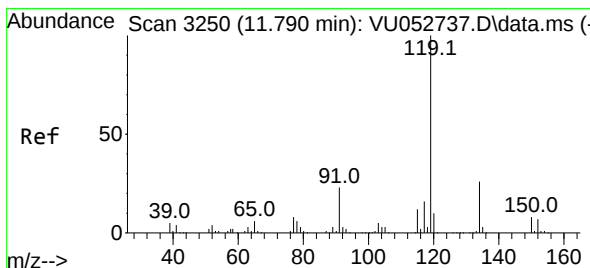
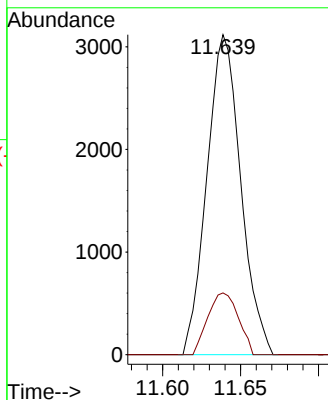
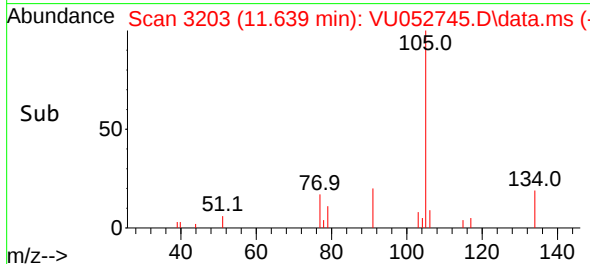
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04



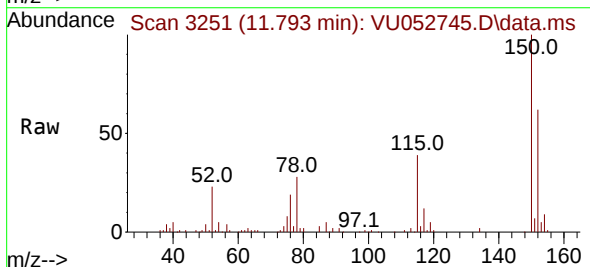
Tgt Ion:105 Resp: 4700
 Ion Ratio Lower Upper
 105 100
 134 17.4 10.1 30.3

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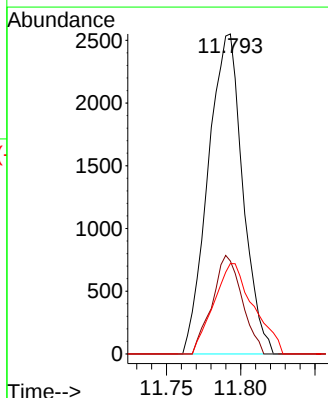
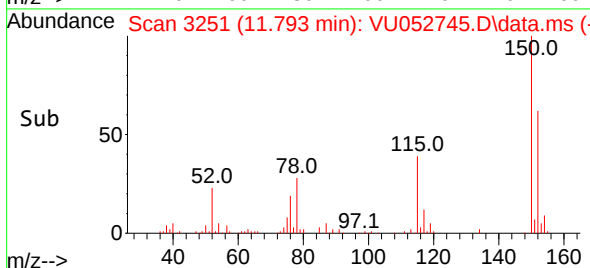
Reviewed By :John Carlone 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

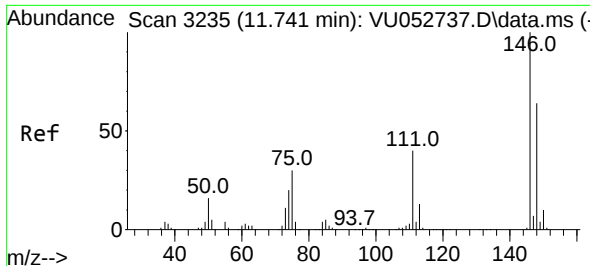


#86
 p-Isopropyltoluene
 Concen: 0.508 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. 0.003 min
 Lab File: VU052745.D
 Acq: 19 Jan 2023 19:07



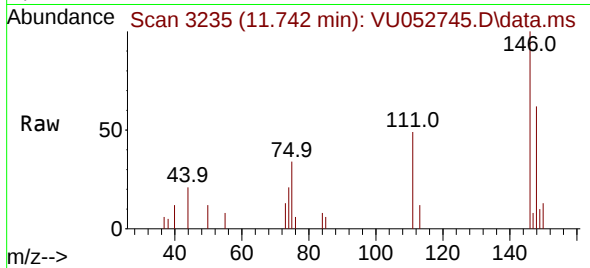
Tgt Ion:119 Resp: 4134
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.1
 91 32.4 11.5 34.5





#87
1,3-Dichlorobenzene
Concen: 0.677 ug/l
RT: 11.742 min Scan# 31
Delta R.T. 0.001 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

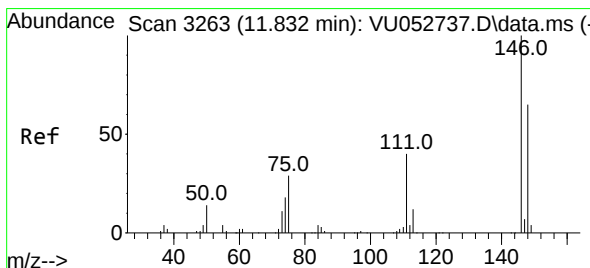
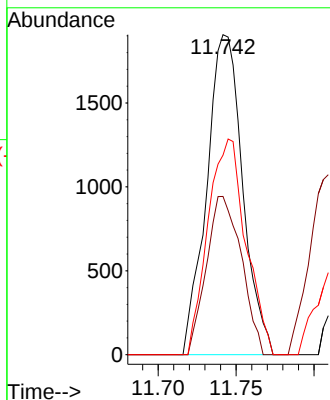
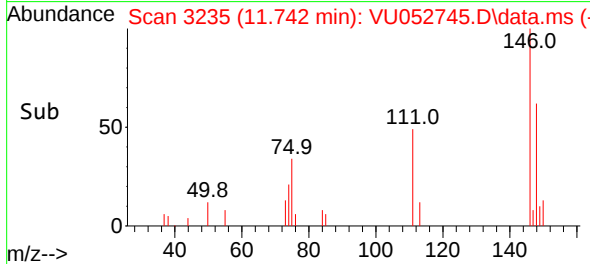
Instrument :
MSVOA_U
ClientSampleId :
MDL04



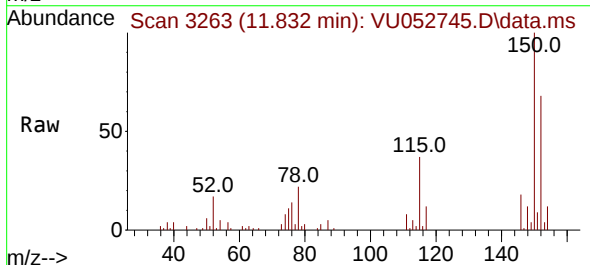
Tgt Ion:146 Resp: 3060
Ion Ratio Lower Upper
146 100
111 48.1 20.1 60.2
148 71.0 31.6 94.7

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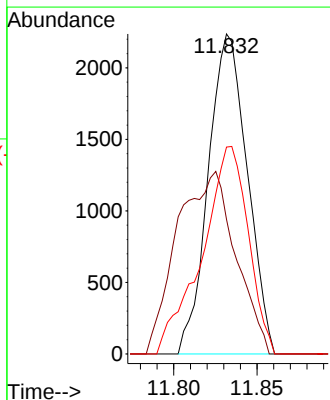
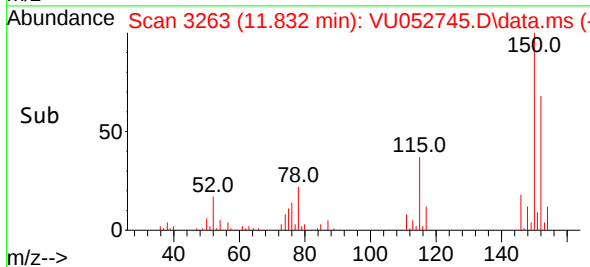
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

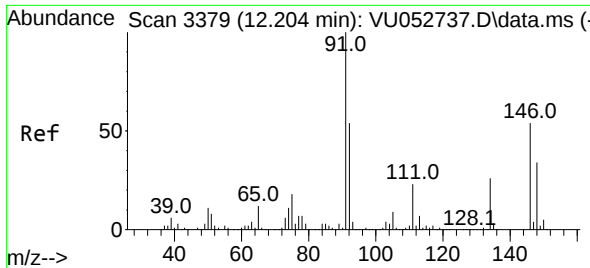


#88
1,4-Dichlorobenzene
Concen: 0.783 ug/l m
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07



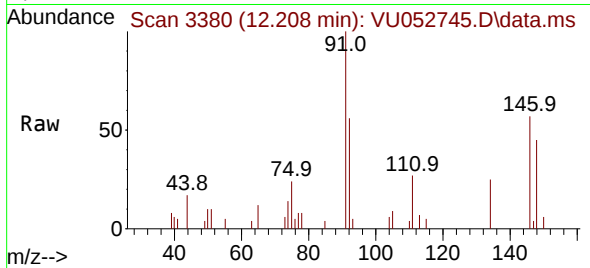
Tgt Ion:146 Resp: 3642
Ion Ratio Lower Upper
146 100
111 40.4 20.3 61.0
148 59.6 32.3 96.8





#89
n-Butylbenzene
Concen: 0.666 ug/l
RT: 12.208 min Scan# 3379
Delta R.T. 0.004 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

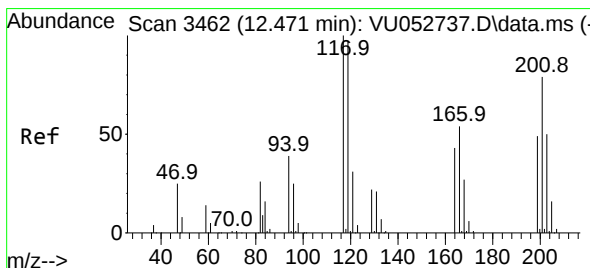
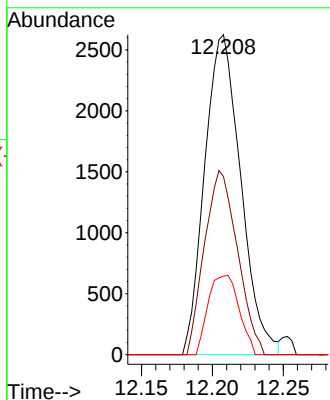
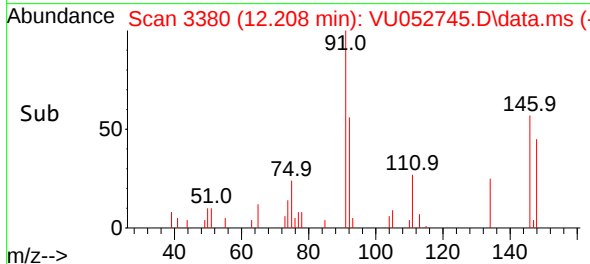
Instrument :
MSVOA_U
ClientSampleId :
MDL04



Tgt Ion: 91 Resp: 4654
Ion Ratio Lower Upper
91 100
92 52.6 26.8 80.3
134 21.1 13.1 39.3

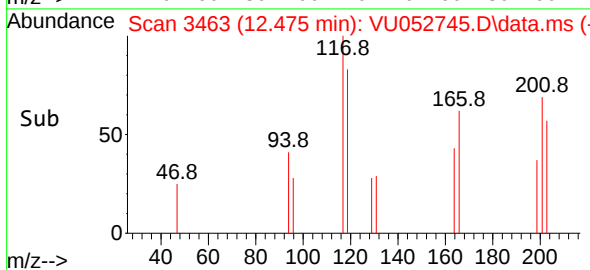
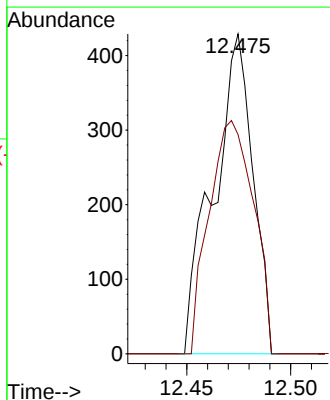
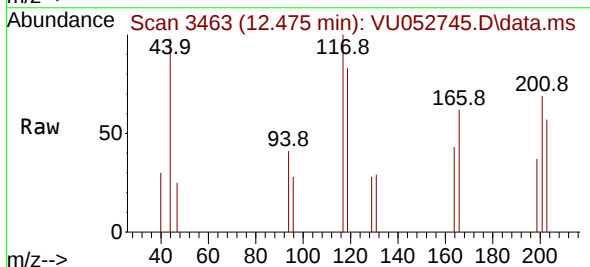
Manual Integrations
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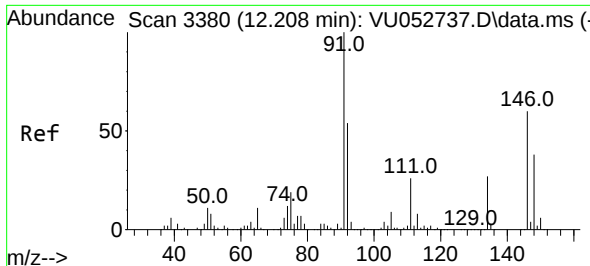
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#90
Hexachloroethane
Concen: 0.362 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

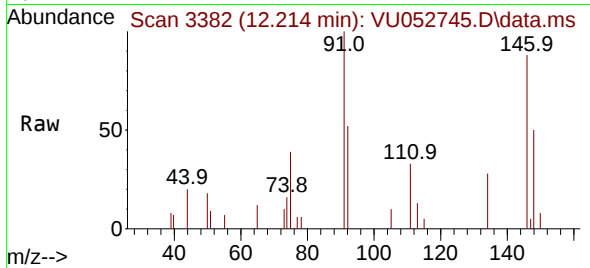
Tgt Ion:117 Resp: 566
Ion Ratio Lower Upper
117 100
201 82.5 39.3 117.9





#91
1,2-Dichlorobenzene
Concen: 0.613 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.007 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

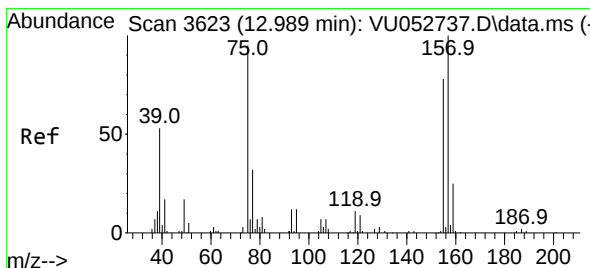
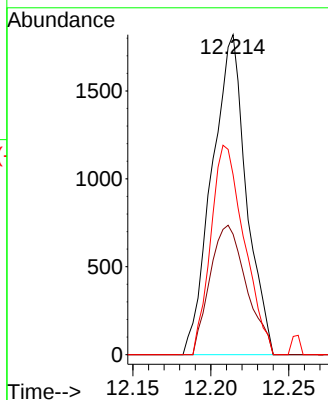
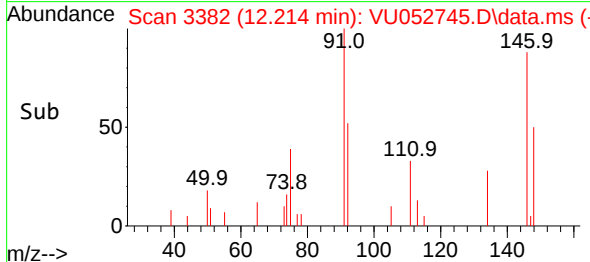
Instrument :
MSVOA_U
ClientSampleId :
MDL04



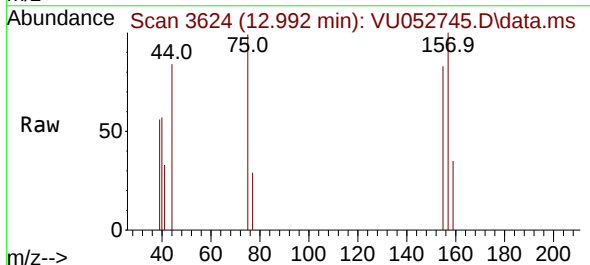
Tgt Ion:146 Resp: 2794
Ion Ratio Lower Upper
146 100
111 42.9 21.1 63.1
148 63.7 31.4 94.0

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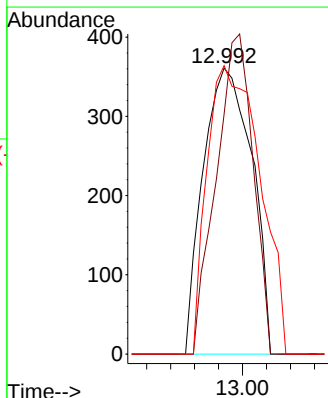
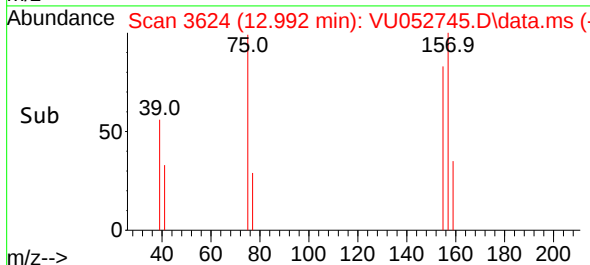
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

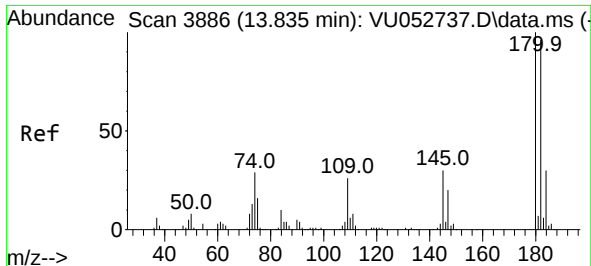


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.674 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. 0.003 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07



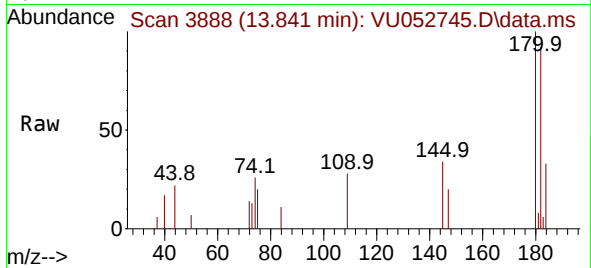
Tgt Ion: 75 Resp: 508
Ion Ratio Lower Upper
75 100
155 85.2 41.4 124.4
157 109.4 53.4 160.2





#93
1,2,4-Trichlorobenzene
Concen: 1.076 ug/l
RT: 13.841 min Scan# 3886
Delta R.T. 0.007 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

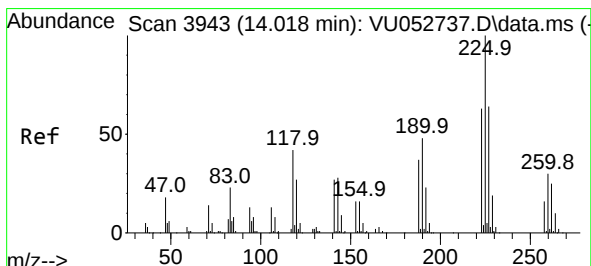
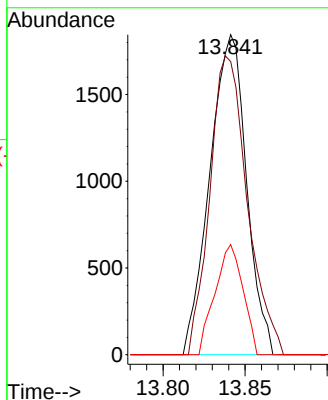
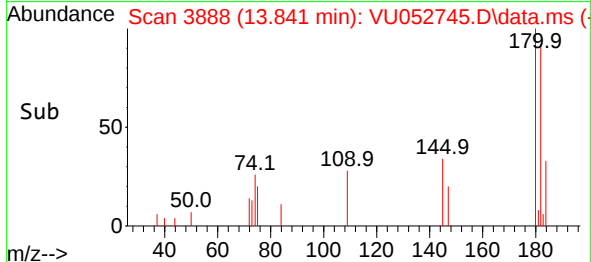
Instrument :
MSVOA_U
ClientSampleId :
MDL04



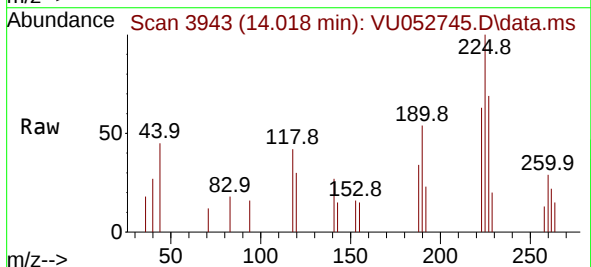
Tgt Ion:180 Resp: 286
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.3
145 26.1 14.9 44.5

Manual Integrations
APPROVED

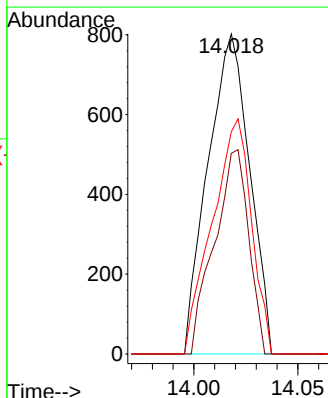
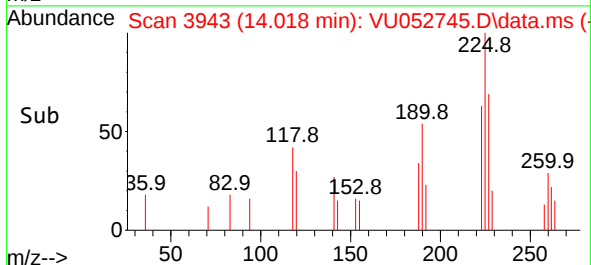
Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

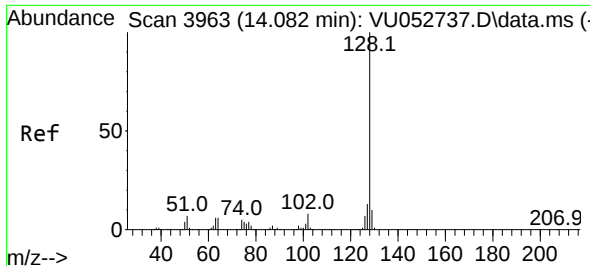


#94
Hexachlorobutadiene
Concen: 0.756 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. 0.000 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07



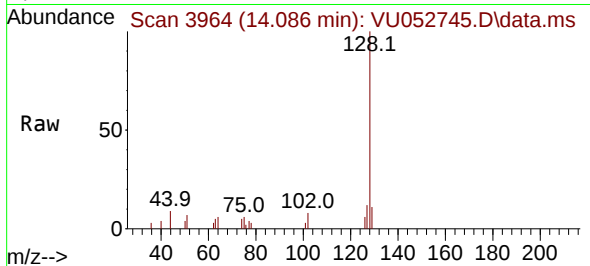
Tgt Ion:225 Resp: 1117
Ion Ratio Lower Upper
225 100
223 52.6 31.8 95.3
227 69.4 31.8 95.4





#95
Naphthalene
Concen: 1.504 ug/l
RT: 14.086 min Scan# 3963
Delta R.T. 0.004 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07

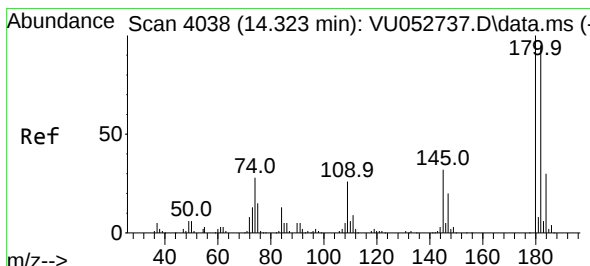
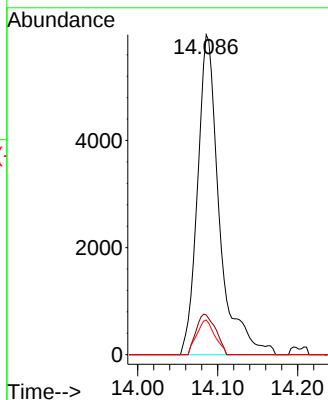
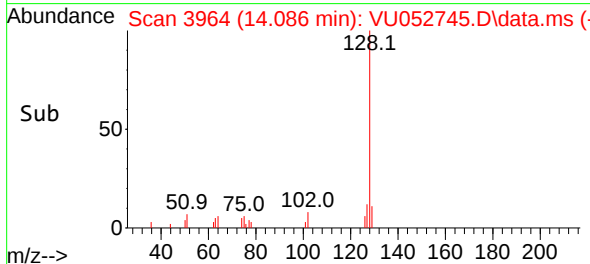
Instrument :
MSVOA_U
ClientSampleId :
MDL04



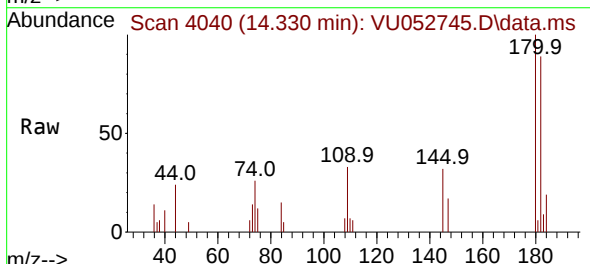
Tgt Ion:128 Resp: 11360
Ion Ratio Lower Upper
128 100
127 11.3 10.3 15.5
129 9.0 8.6 13.0

Manual Integrations
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Supervised By :Mahesh Dadoda 01/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 1.276 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.007 min
Lab File: VU052745.D
Acq: 19 Jan 2023 19:07



Tgt Ion:180 Resp: 3374
Ion Ratio Lower Upper
180 100
182 97.2 48.1 144.3
145 33.6 15.8 47.4

