

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045759.D
 Acq On : 12 Nov 2021 11:16
 Operator : SY/MD
 Sample : VU1112WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBS01

Quant Time: Nov 15 05:17:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/16/2021

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	111449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	192896	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	188901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	96894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	84080	50.375	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.760%			
35) Dibromofluoromethane	5.292	113	64921	50.410	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.820%			
50) Toluene-d8	7.902	98	241171	50.360	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.720%			
62) 4-Bromofluorobenzene	10.635	95	91355	47.573	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	26332	18.223	ug/l	97
3) Chloromethane	1.523	50	29096	17.598	ug/l	98
4) Vinyl Chloride	1.604	62	30496	18.935	ug/l	100
5) Bromomethane	1.851	94	19516	21.725	ug/l	97
6) Chloroethane	1.932	64	19769	18.809	ug/l	96
7) Trichlorofluoromethane	2.137	101	42266	19.846	ug/l	98
8) Diethyl Ether	2.378	74	16232	19.254	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.581	101	25243	20.299	ug/l	99
10) Methyl Iodide	2.723	142	25169	15.466	ug/l	93
11) Tert butyl alcohol	3.176	59	31237	94.553	ug/l	98
12) 1,1-Dichloroethene	2.581	96	23377	19.066	ug/l	96
13) Acrolein	2.485	56	4598	96.044	ug/l	90
14) Allyl chloride	2.925	41	41314	18.870	ug/l	96
15) Acrylonitrile	3.314	53	87358	99.041	ug/l	98
16) Acetone	2.626	43	87382	102.846	ug/l	96
17) Carbon Disulfide	2.793	76	55970	16.297	ug/l	99
18) Methyl Acetate	2.948	43	56884	19.657	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	86482	19.594	ug/l	100
20) Methylene Chloride	3.047	84	29117	19.723	ug/l	99
21) trans-1,2-Dichloroethene	3.356	96	25484	19.978	ug/l	93
22) Diisopropyl ether	3.996	45	87200	20.285	ug/l	98
23) Vinyl Acetate	3.957	43	327105	98.934	ug/l	99
24) 1,1-Dichloroethane	3.870	63	52294	20.414	ug/l	100
25) 2-Butanone	4.700	43	119313	101.248	ug/l	100
26) 2,2-Dichloropropane	4.668	77	42824	20.174	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	30137	20.115	ug/l	99
28) Bromochloromethane	4.980	49	25048	20.510	ug/l	99
29) Tetrahydrofuran	5.050	42	72041	99.943	ug/l	98
30) Chloroform	5.092	83	52739	20.817	ug/l	98
31) Cyclohexane	5.391	56	44715	18.361	ug/l	93
32) 1,1,1-Trichloroethane	5.321	97	44611	20.648	ug/l	98
36) 1,1-Dichloropropene	5.529	75	36072	19.178	ug/l	99
37) Ethyl Acetate	4.806	43	42302	19.579	ug/l	98
38) Carbon Tetrachloride	5.529	117	37506	19.779	ug/l	96
39) Methylcyclohexane	6.767	83	41869	18.145	ug/l	97
40) Benzene	5.777	78	110212	19.792	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	23342	20.443	ug/l	98
42) 1,2-Dichloroethane	5.796	62	41856	20.809	ug/l	99
43) Isopropyl Acetate	5.912	43	62696	18.972	ug/l	98
44) Trichloroethene	6.546	130	27105	20.335	ug/l	94
45) 1,2-Dichloropropane	6.793	63	30288	20.556	ug/l	99
46) Dibromomethane	6.922	93	21004	20.573	ug/l	97
47) Bromodichloromethane	7.108	83	40412	20.861	ug/l	94
48) Methyl methacrylate	6.964	41	29451	19.362	ug/l	99
49) 1,4-Dioxane	6.964	88	15955	407.884	ug/l #	98
51) 4-Methyl-2-Pentanone	7.793	43	219648	100.757	ug/l	99
52) Toluene	7.973	92	69405	20.358	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	41615	18.692	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	47235	19.975	ug/l	97
55) 1,1,2-Trichloroethane	8.404	97	29467	20.855	ug/l	99
56) Ethyl methacrylate	8.336	69	42310	18.309	ug/l	98
57) 1,3-Dichloropropane	8.578	76	51839	20.370	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	101369	77.927	ug/l	98
59) 2-Hexanone	8.687	43	166547	92.690	ug/l	99
60) Dibromochloromethane	8.812	129	30883	20.990	ug/l	99
61) 1,2-Dibromoethane	8.925	107	30488	20.118	ug/l	97
64) Tetrachloroethene	8.555	164	24658	22.743	ug/l	98
65) Chlorobenzene	9.449	112	73777	19.883	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	26605	20.104	ug/l	98
67) Ethyl Benzene	9.574	91	127125	19.131	ug/l	100
68) m/p-Xylenes	9.697	106	100625	40.154	ug/l	99
69) o-Xylene	10.105	106	48233	19.797	ug/l	98
70) Styrene	10.118	104	80747	19.591	ug/l	99
71) Bromoform	10.295	173	21520	19.207	ug/l #	98
73) Isopropylbenzene	10.488	105	128186	20.247	ug/l	100
74) N-amyl acetate	10.320	43	48552	17.000	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	49956	19.916	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	48289m	16.434	ug/l	
77) Bromobenzene	10.783	156	30165	19.624	ug/l	98
78) n-propylbenzene	10.909	91	155939	19.790	ug/l	100
79) 2-Chlorotoluene	10.989	91	92696	19.912	ug/l	98
80) 1,3,5-Trimethylbenzene	11.092	105	109722	19.836	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	13646	17.295	ug/l	98
82) 4-Chlorotoluene	11.098	91	108784	19.925	ug/l	100
83) tert-Butylbenzene	11.423	119	103781	19.682	ug/l	98
84) 1,2,4-Trimethylbenzene	11.471	105	109063	19.839	ug/l	100
85) sec-Butylbenzene	11.645	105	139074	19.887	ug/l	99
86) p-Isopropyltoluene	11.796	119	114813	19.647	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	59411	19.156	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	60312	19.228	ug/l	99
89) n-Butylbenzene	12.211	91	101496	18.030	ug/l	100
90) Hexachloroethane	12.478	117	18539	17.586	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	59819	19.825	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	10016	16.923	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	36304	17.401	ug/l	98
94) Hexachlorobutadiene	14.024	225	16260	18.055	ug/l	99
95) Naphthalene	14.089	128	127483	16.948	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	39048	18.843	ug/l	99

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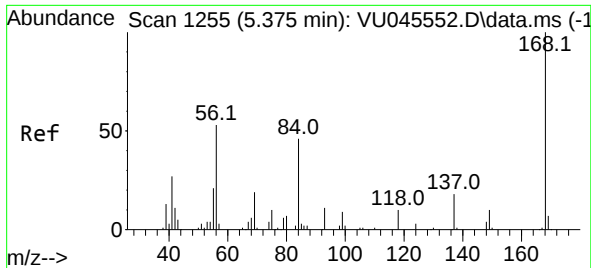
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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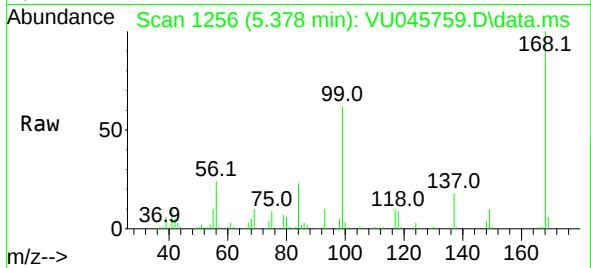
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045759.D
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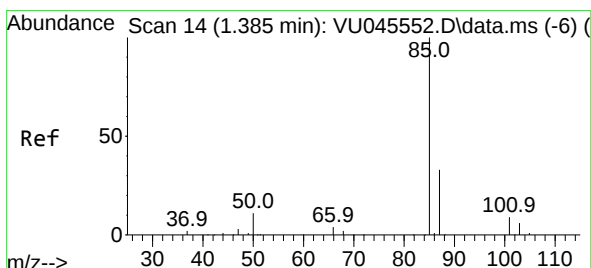
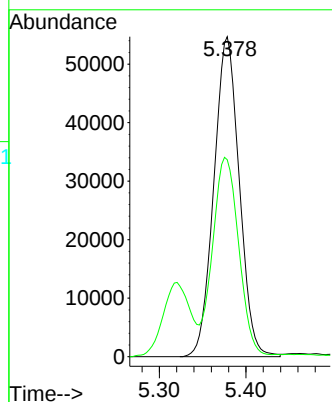
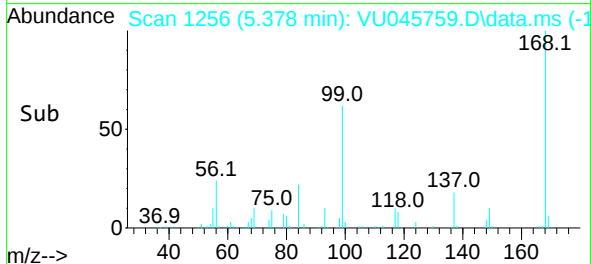
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01



Tgt Ion:168 Resp: 111449
Ion Ratio Lower Upper
168 100
99 60.9 51.0 76.6

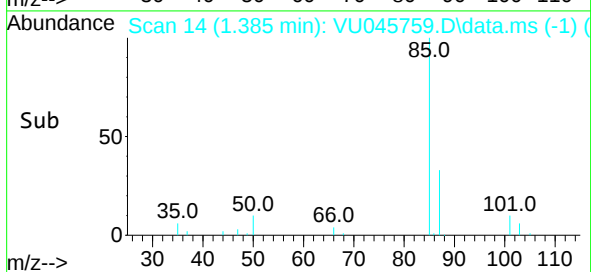
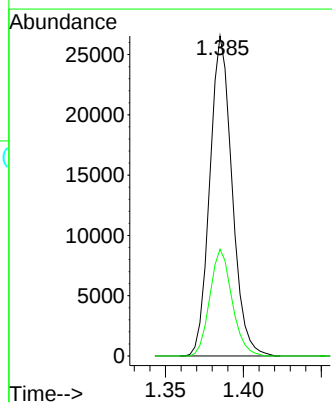
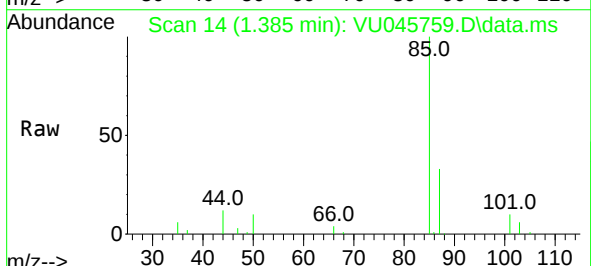
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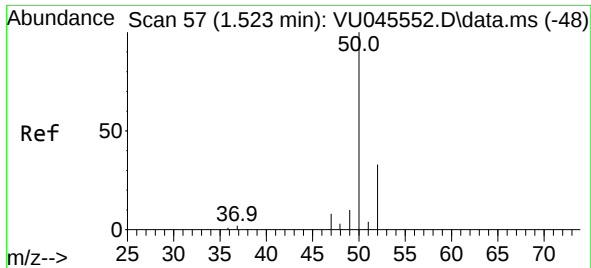
Reviewed By :John Carlone 11/15/2021
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#2
Dichlorodifluoromethane
Concen: 18.223 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

Tgt Ion: 85 Resp: 26332
Ion Ratio Lower Upper
85 100
87 33.4 15.9 47.7





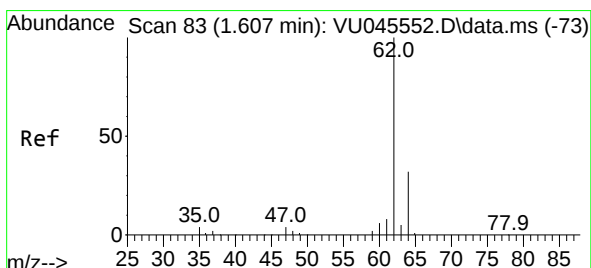
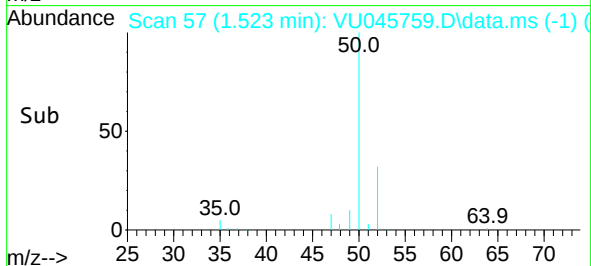
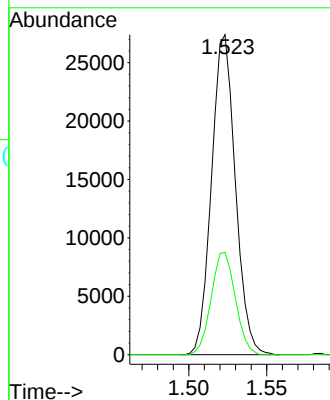
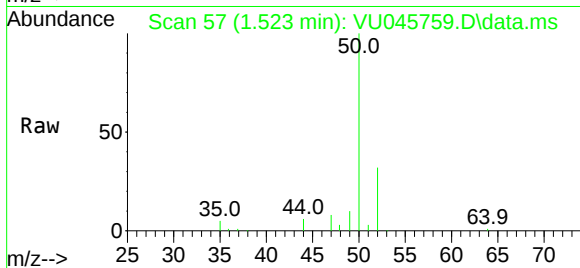
#3
Chloromethane
Concen: 17.598 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

Instrument :
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ClientSampleId :
VU1112WBS01

Tgt Ion: 50 Resp: 29090
Ion Ratio Lower Upper
50 100
52 32.0 26.6 40.0

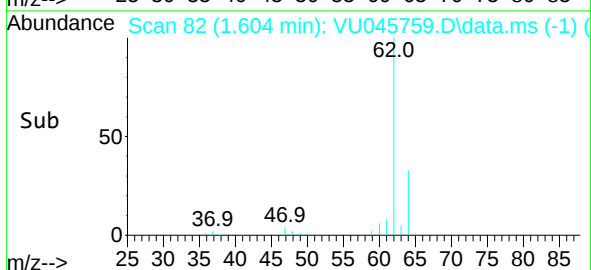
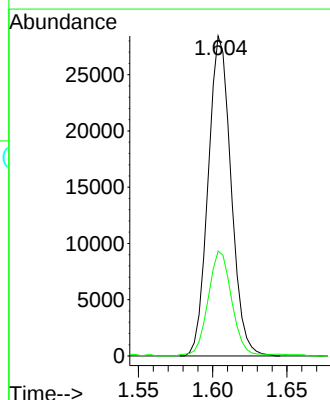
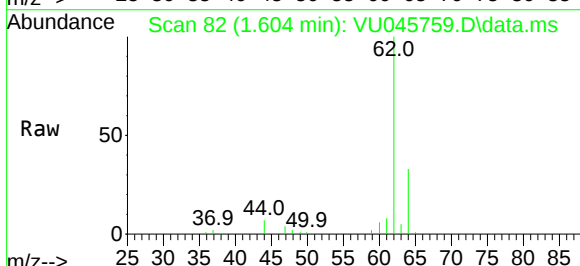
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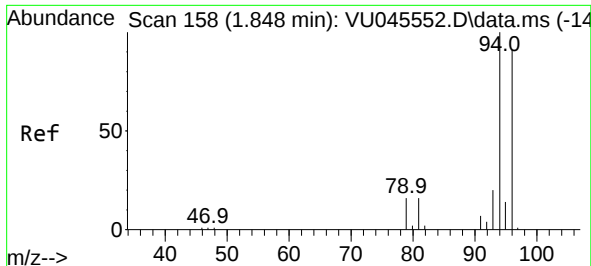
Reviewed By :John Carlone 11/15/2021
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#4
Vinyl Chloride
Concen: 18.935 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

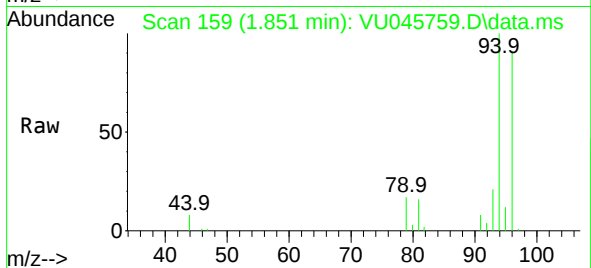
Tgt Ion: 62 Resp: 30496
Ion Ratio Lower Upper
62 100
64 32.4 25.8 38.6





#5
Bromomethane
Concen: 21.725 ug/l
RT: 1.851 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

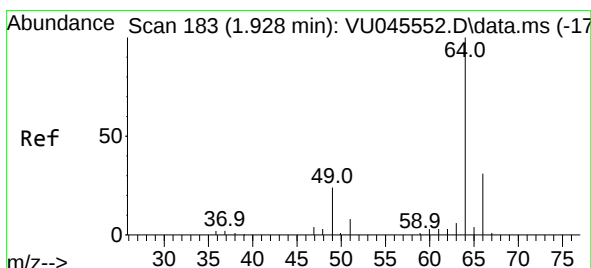
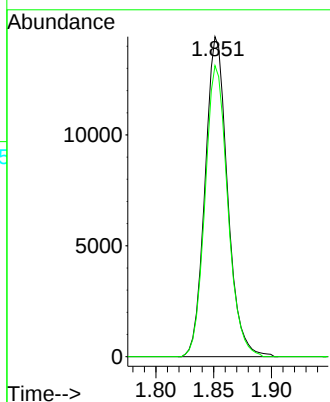
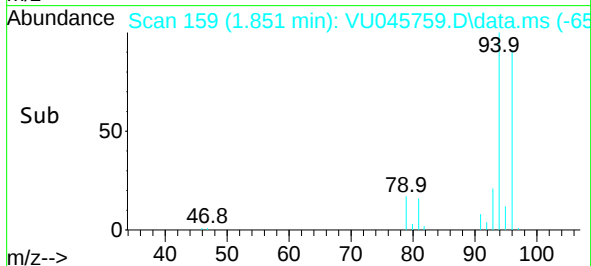
Instrument :
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Tgt Ion: 94 Resp: 19510
Ion Ratio Lower Upper
94 100
96 91.0 75.4 113.2

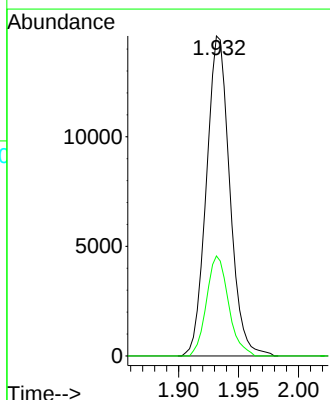
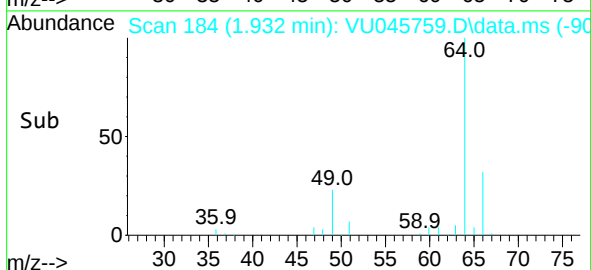
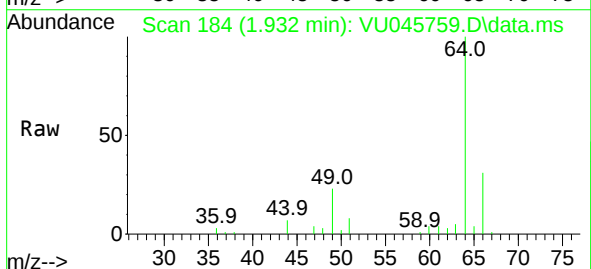
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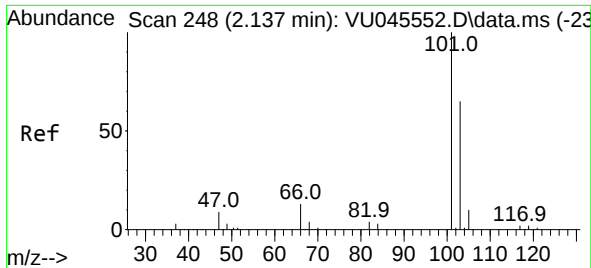
Reviewed By :John Carlone 11/15/2021
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#6
Chloroethane
Concen: 18.809 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

Tgt Ion: 64 Resp: 19769
Ion Ratio Lower Upper
64 100
66 31.3 26.7 40.1





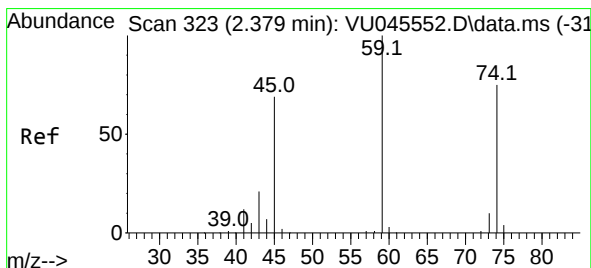
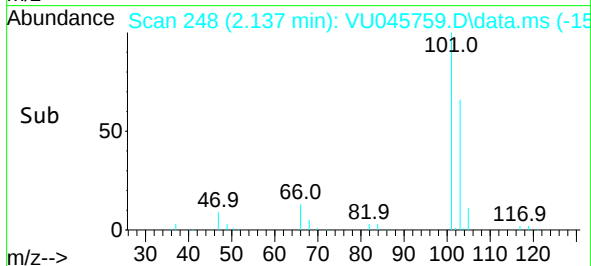
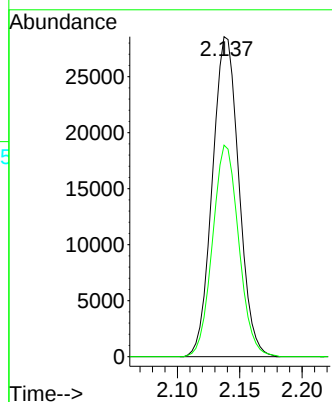
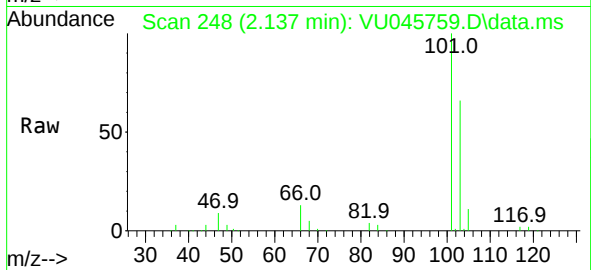
#7
 Trichlorofluoromethane
 Concen: 19.846 ug/l
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU045759.D
 Acq: 12 Nov 2021 11:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBS01

Tgt Ion:101 Resp: 42260
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.4 77.0

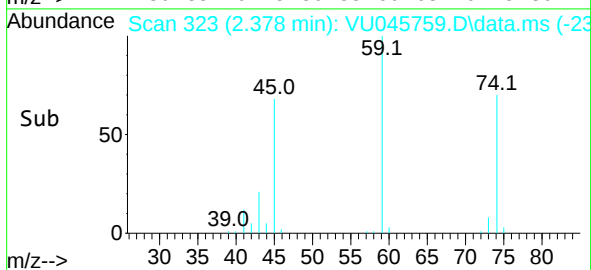
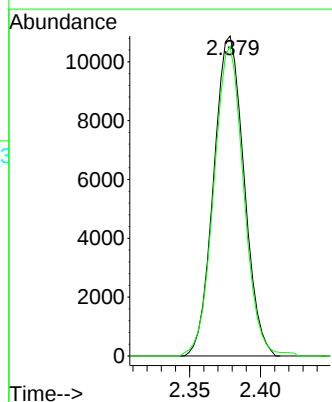
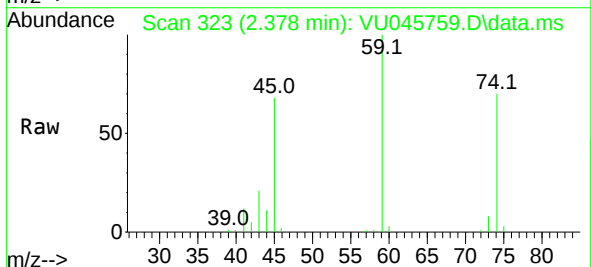
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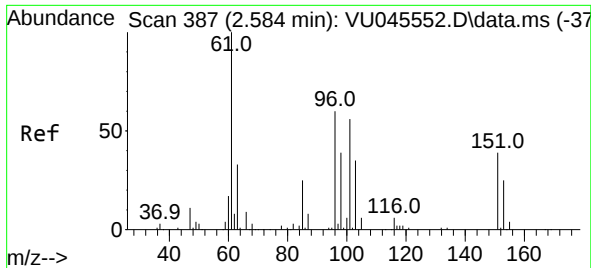
Reviewed By :John Carlone 11/15/2021
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#8
 Diethyl Ether
 Concen: 19.254 ug/l
 RT: 2.378 min Scan# 323
 Delta R.T. -0.000 min
 Lab File: VU045759.D
 Acq: 12 Nov 2021 11:16

Tgt Ion: 74 Resp: 16232
 Ion Ratio Lower Upper
 74 100
 45 95.2 47.3 141.8





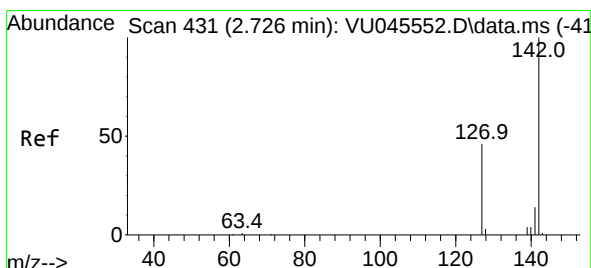
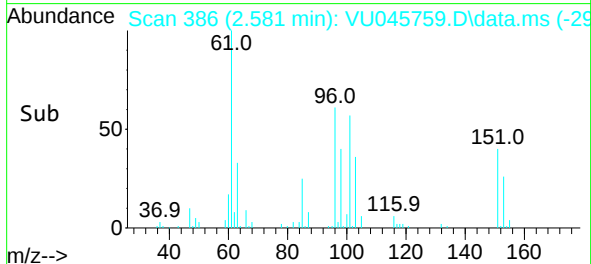
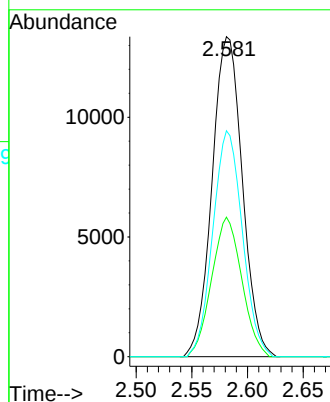
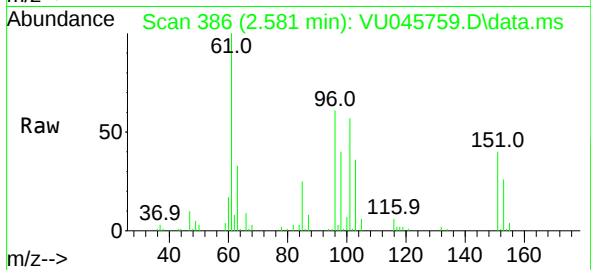
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.299 ug/l
RT: 2.581 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

Tgt Ion:101 Resp: 2524
Ion Ratio Lower Upper
101 100
85 43.4 35.0 52.4
151 68.9 54.6 82.0

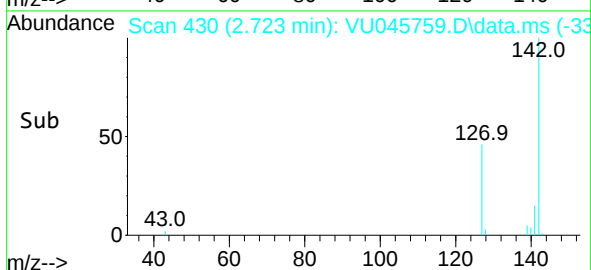
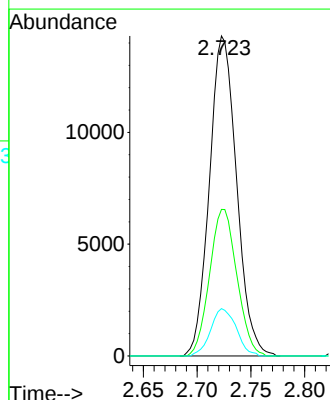
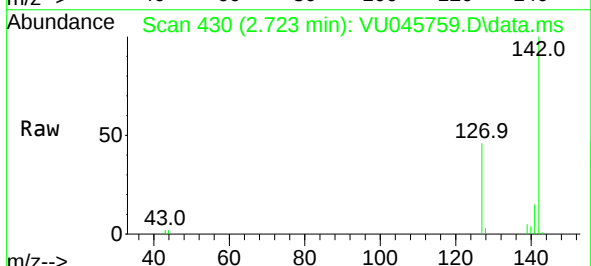
Manual Integrations
APPROVED

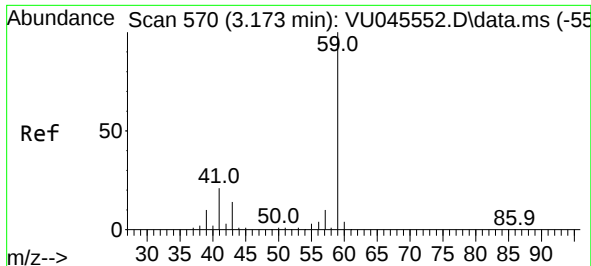
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#10
Methyl Iodide
Concen: 15.466 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

Tgt Ion:142 Resp: 25169
Ion Ratio Lower Upper
142 100
127 45.9 32.2 48.2
141 14.0 11.3 16.9





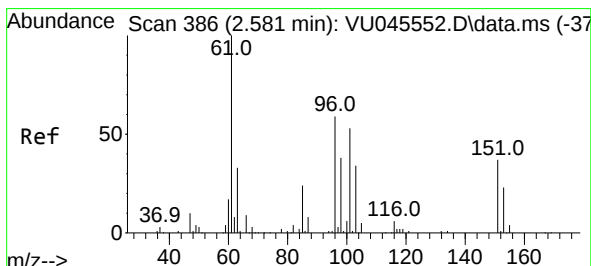
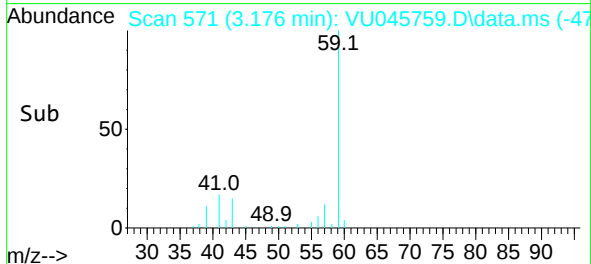
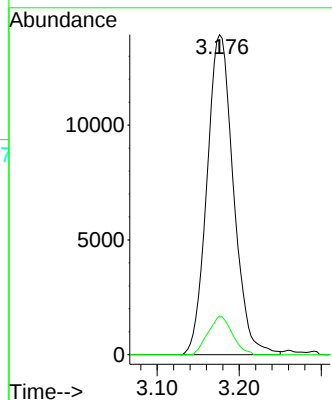
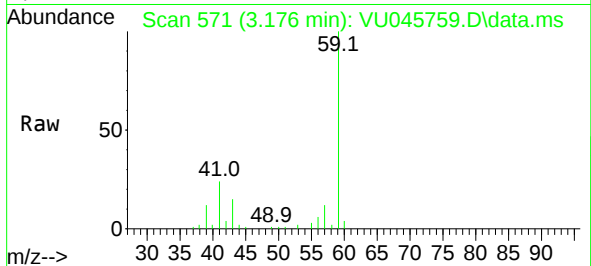
#11
Tert butyl alcohol
Concen: 94.553 ug/l
RT: 3.176 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

Tgt Ion: 59 Resp: 3123
Ion Ratio Lower Upper
59 100
57 11.0 8.3 12.5

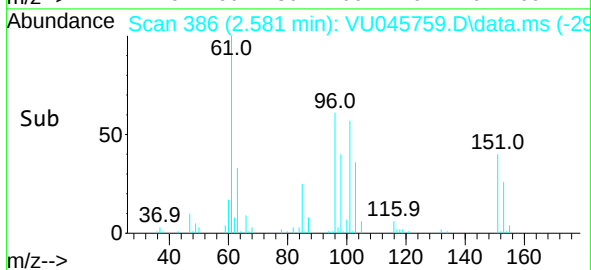
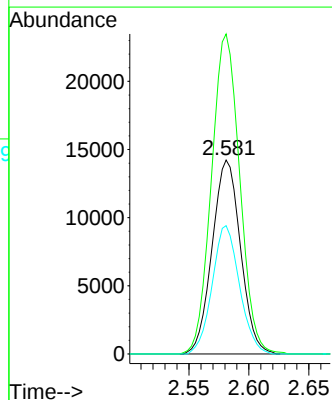
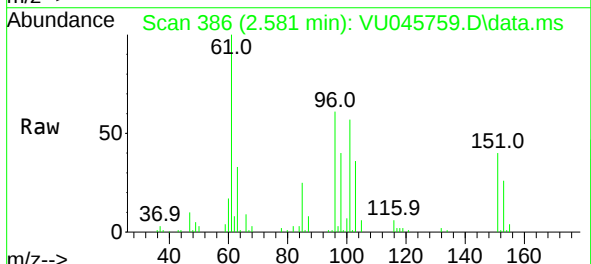
Manual Integrations
APPROVED

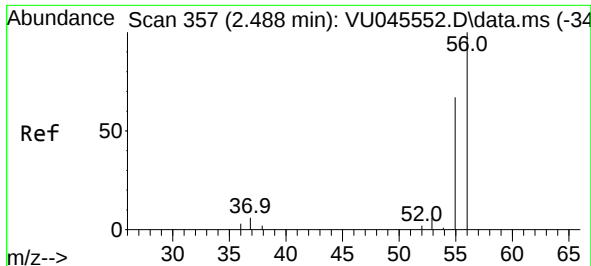
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#12
1,1-Dichloroethene
Concen: 19.066 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

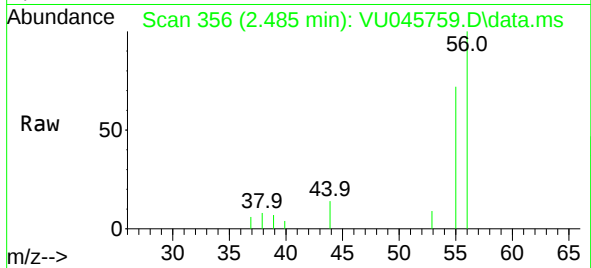
Tgt Ion: 96 Resp: 23377
Ion Ratio Lower Upper
96 100
61 165.0 137.1 205.7
98 66.2 51.5 77.3





#13
Acrolein
Concen: 96.044 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

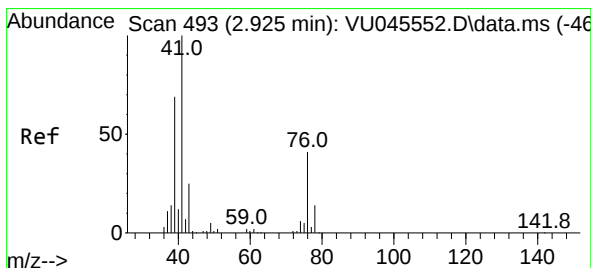
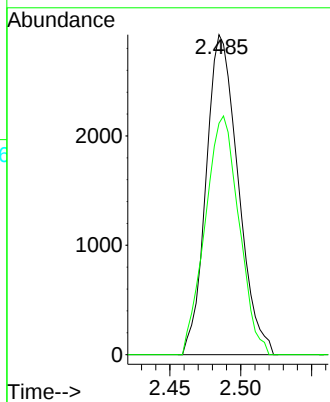
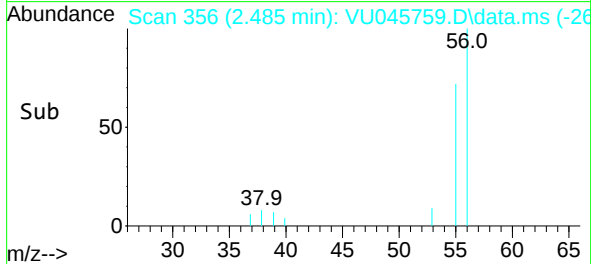
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01



Tgt Ion: 56 Resp: 4598
Ion Ratio Lower Upper
56 100
55 78.8 56.3 84.5

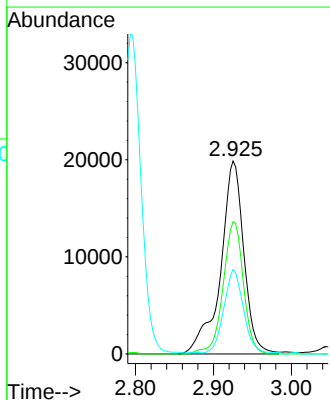
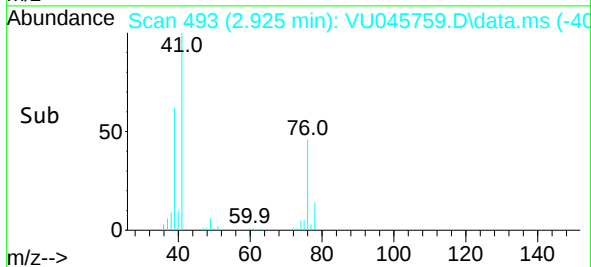
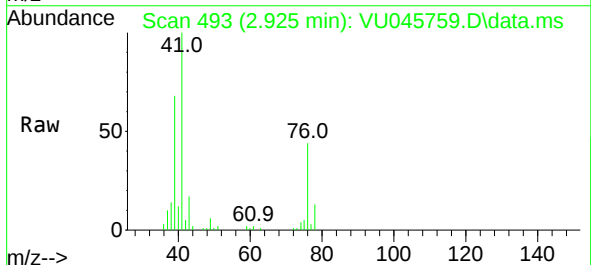
Manual Integrations
APPROVED

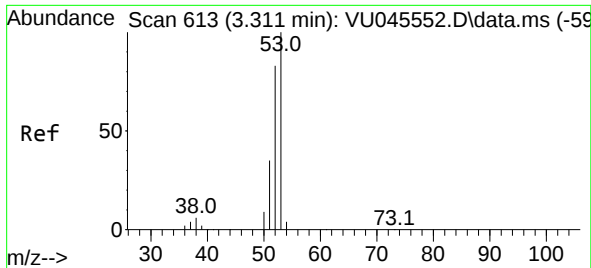
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#14
Allyl chloride
Concen: 18.870 ug/l
RT: 2.925 min Scan# 493
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

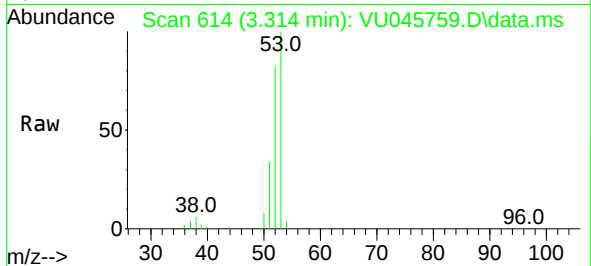
Tgt Ion: 41 Resp: 41314
Ion Ratio Lower Upper
41 100
39 59.8 49.7 74.5
76 37.5 27.7 41.5





#15
Acrylonitrile
Concen: 99.041 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

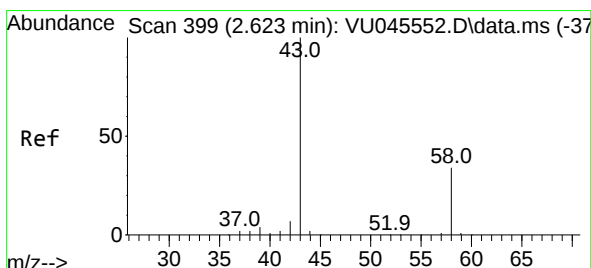
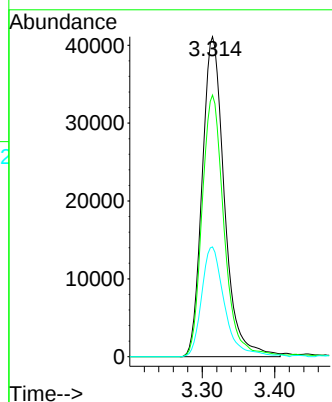
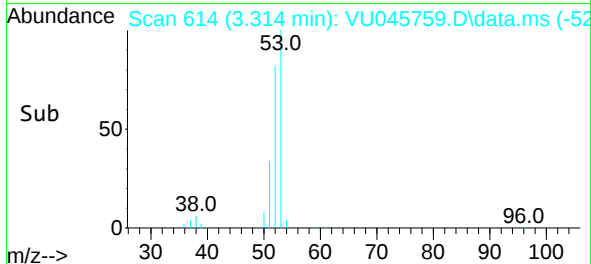
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01



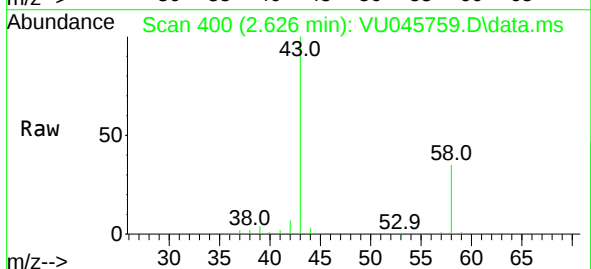
Tgt Ion: 53 Resp: 87358
Ion Ratio Lower Upper
53 100
52 81.0 66.6 100.0
51 35.3 28.4 42.6

Manual Integrations
APPROVED

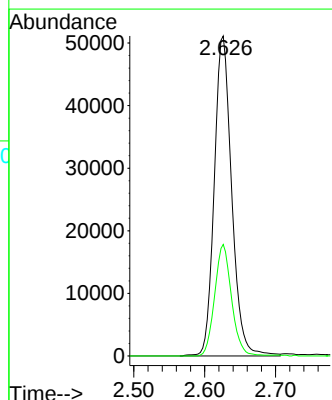
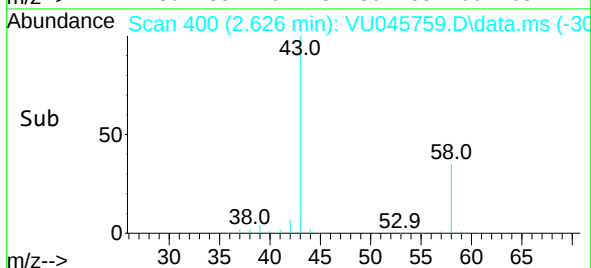
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

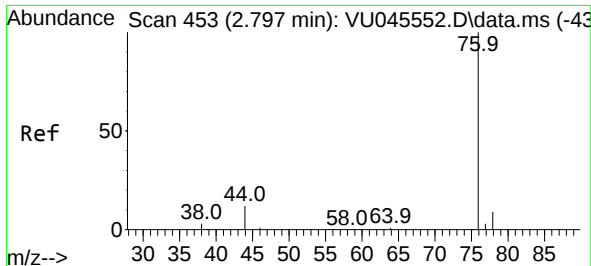


#16
Acetone
Concen: 102.846 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16



Tgt Ion: 43 Resp: 87382
Ion Ratio Lower Upper
43 100
58 34.9 26.2 39.2





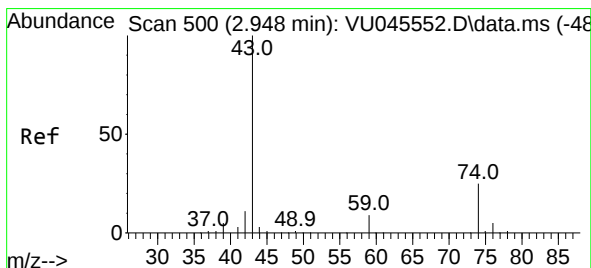
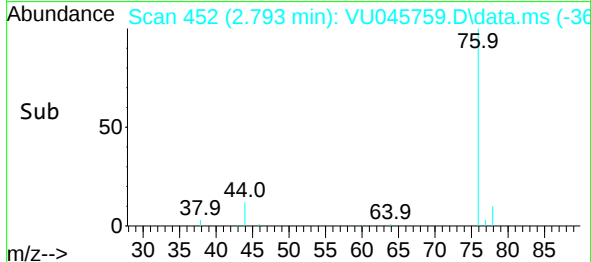
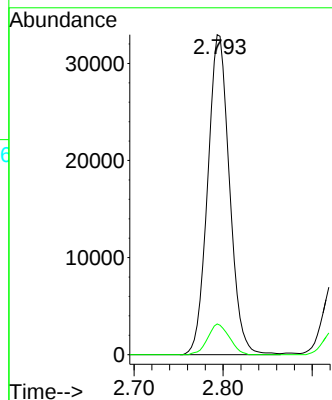
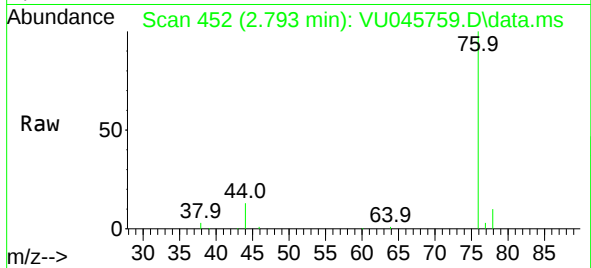
#17
Carbon Disulfide
Concen: 16.297 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

Tgt Ion: 76 Resp: 55970
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

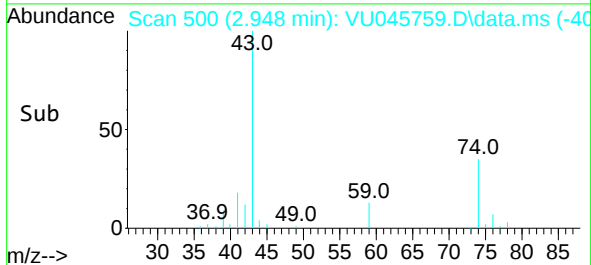
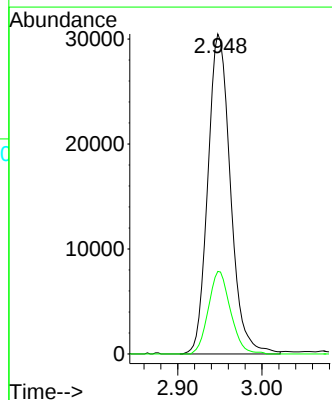
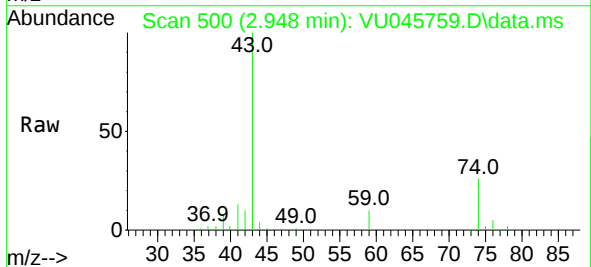
Manual Integrations
APPROVED

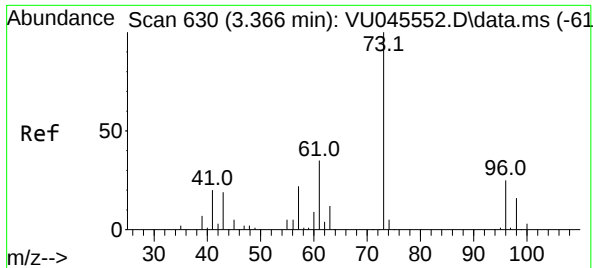
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#18
Methyl Acetate
Concen: 19.657 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

Tgt Ion: 43 Resp: 56884
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 19.594 ug/l

RT: 3.366 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBS01

Tgt Ion: 73 Resp: 8648

Ion Ratio Lower Upper

73 100

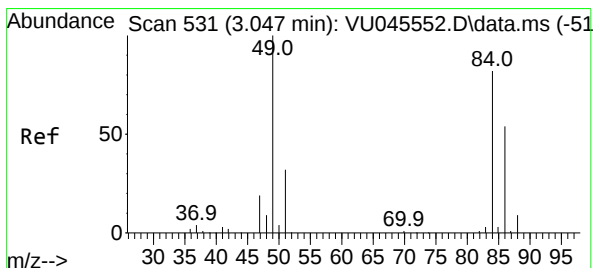
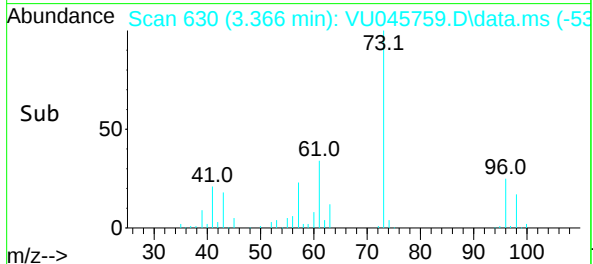
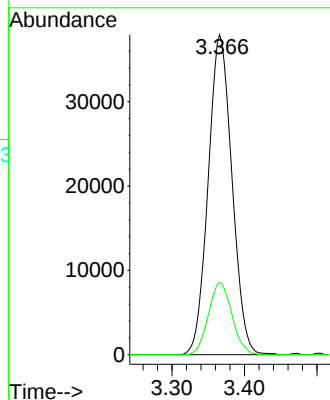
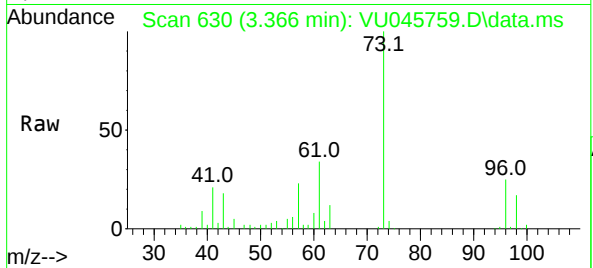
57 22.5 18.1 27.1

Manual Integrations

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Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#20

Methylene Chloride

Concen: 19.723 ug/l

RT: 3.047 min Scan# 531

Delta R.T. -0.000 min

Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

Tgt Ion: 84 Resp: 29117

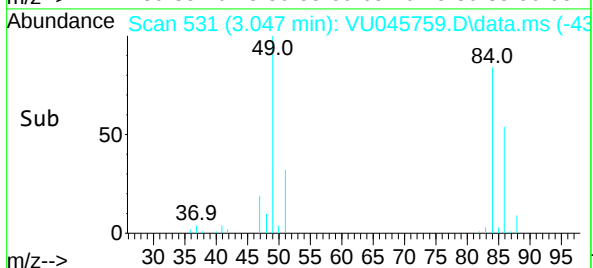
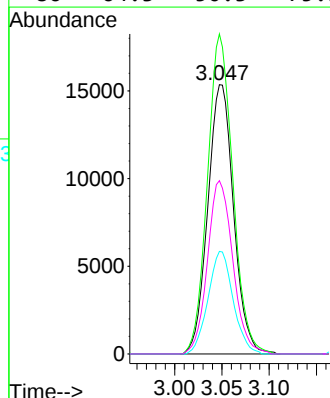
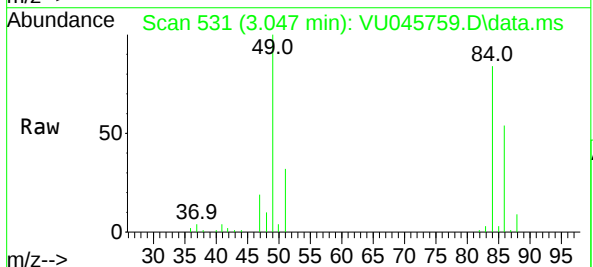
Ion Ratio Lower Upper

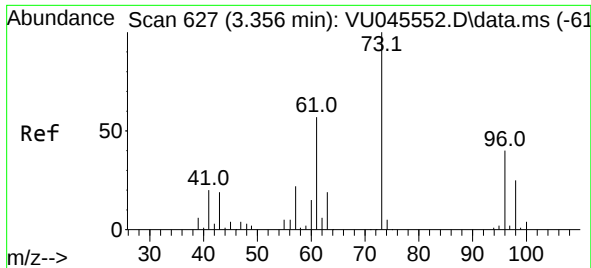
84 100

49 118.8 96.4 144.6

51 38.1 30.5 45.7

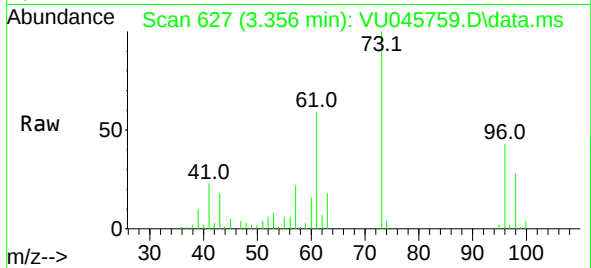
86 64.3 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 19.978 ug/l
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

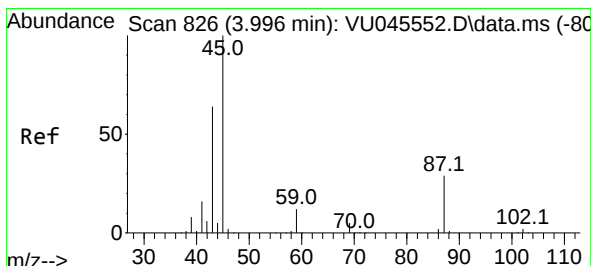
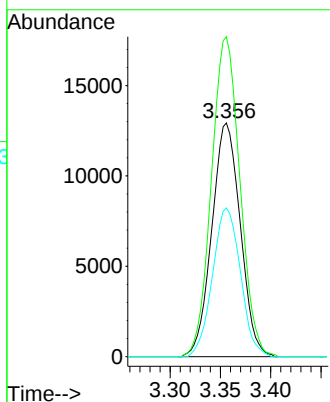
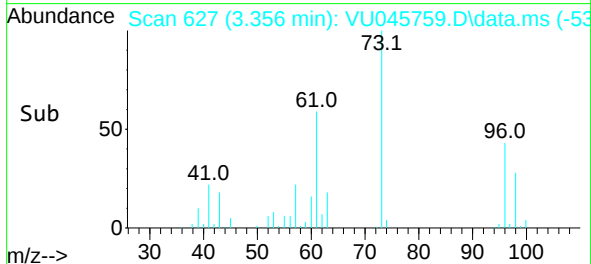
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01



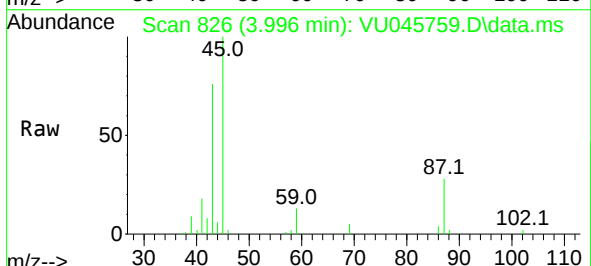
Tgt Ion: 96 Resp: 25484
Ion Ratio Lower Upper
96 100
61 136.9 118.2 177.4
98 63.7 52.1 78.1

Manual Integrations
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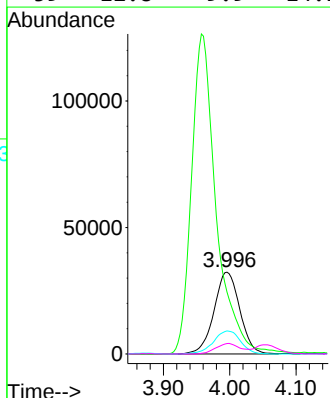
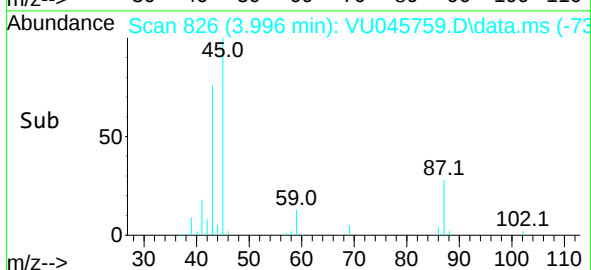
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

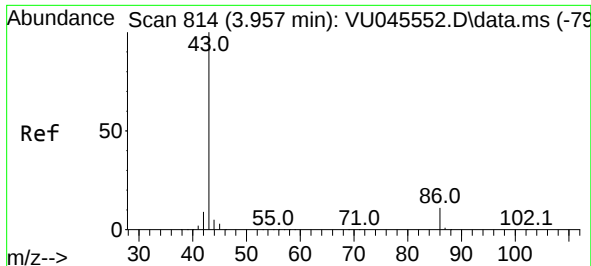


#22
Diisopropyl ether
Concen: 20.285 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16



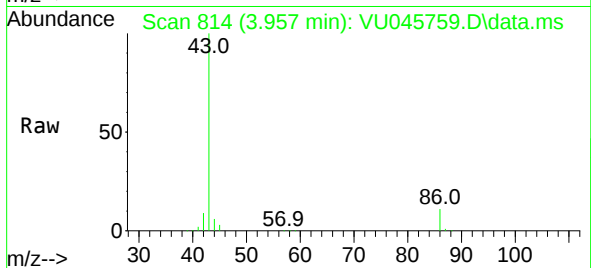
Tgt Ion: 45 Resp: 87200
Ion Ratio Lower Upper
45 100
43 72.2 60.0 90.0
87 28.1 22.3 33.5
59 12.8 9.9 14.9





#23
 Vinyl Acetate
 Concen: 98.934 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: VU045759.D
 Acq: 12 Nov 2021 11:16

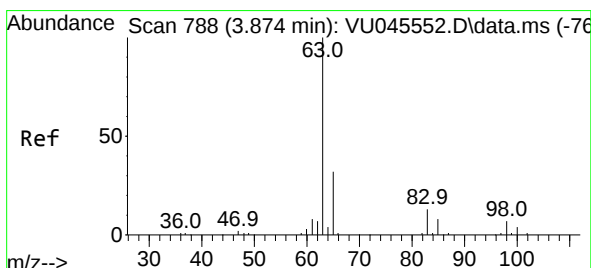
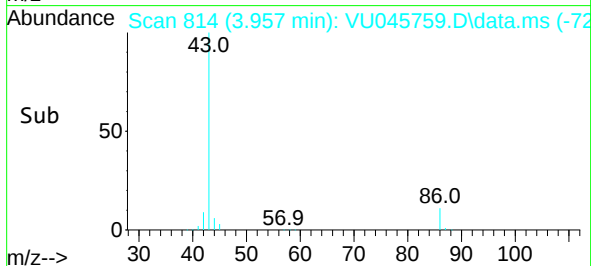
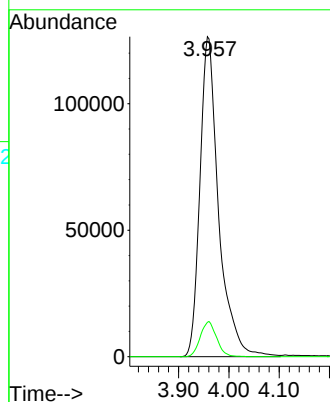
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBS01



Tgt Ion: 43 Resp: 32710
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.9 13.3

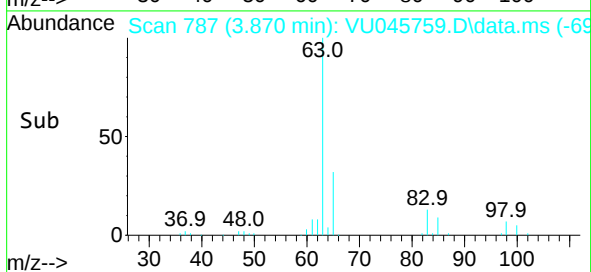
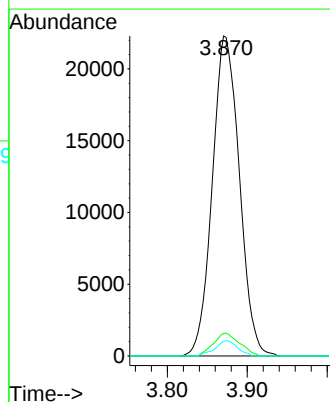
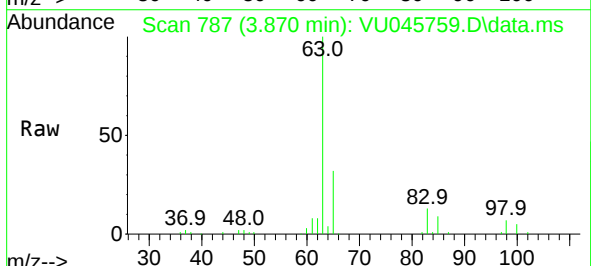
Manual Integrations
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Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#24
 1,1-Dichloroethane
 Concen: 20.414 ug/l
 RT: 3.870 min Scan# 787
 Delta R.T. -0.003 min
 Lab File: VU045759.D
 Acq: 12 Nov 2021 11:16

Tgt Ion: 63 Resp: 52294
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 101.248 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. -0.000 min

Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBS01

Tgt Ion: 43 Resp: 11931

Ion Ratio Lower Upper

43 100

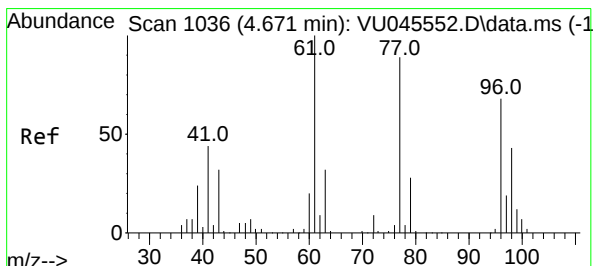
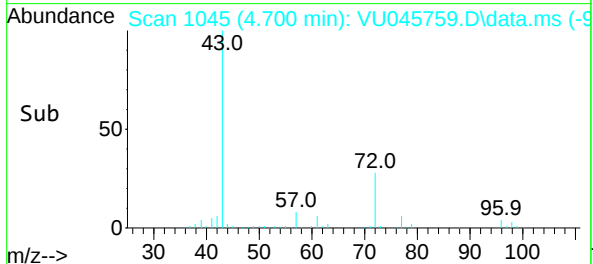
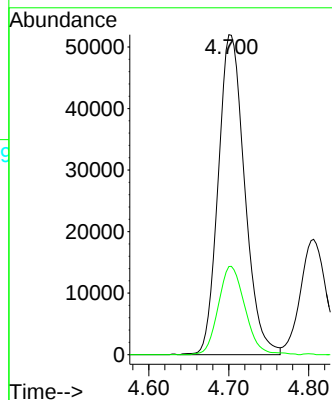
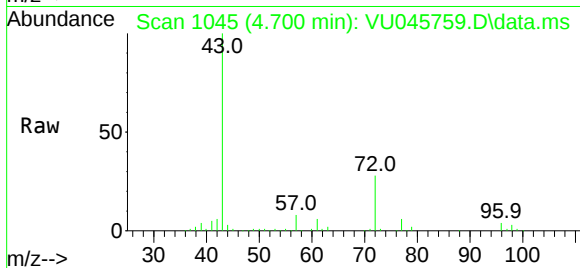
72 27.5 22.0 33.0

Manual Integrations

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Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#26

2,2-Dichloropropane

Concen: 20.174 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045759.D

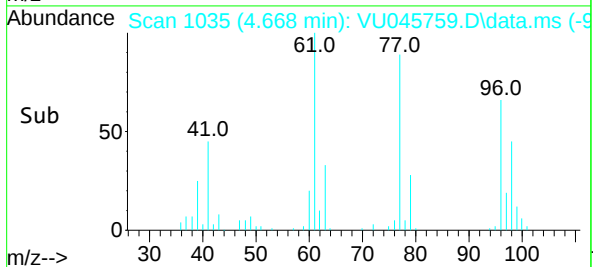
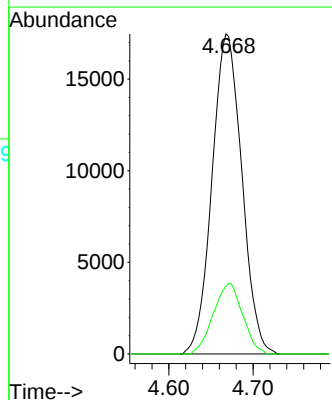
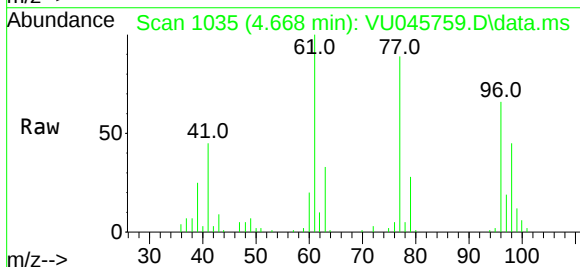
Acq: 12 Nov 2021 11:16

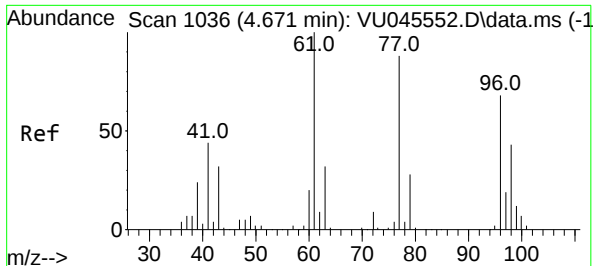
Tgt Ion: 77 Resp: 42824

Ion Ratio Lower Upper

77 100

97 21.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.115 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBS01

Tgt Ion: 96 Resp: 3013

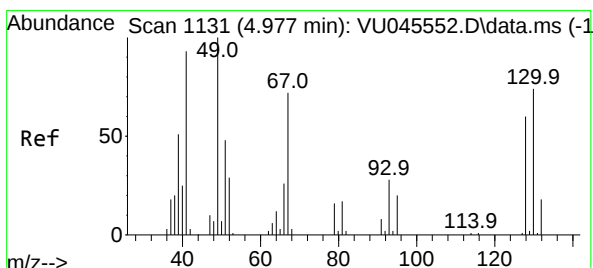
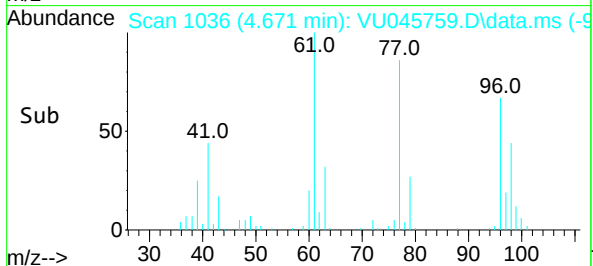
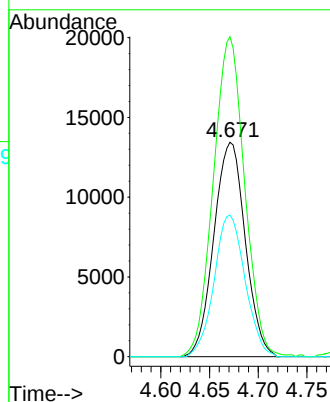
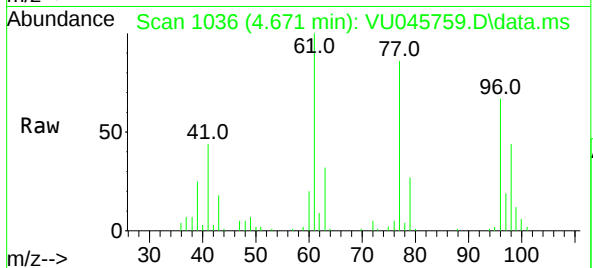
Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	299.2
98	65.0	0.0	127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#28

Bromochloromethane

Concen: 20.510 ug/l

RT: 4.980 min Scan# 1132

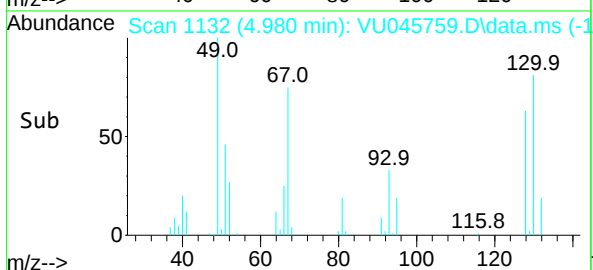
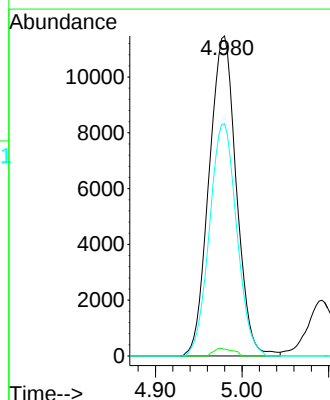
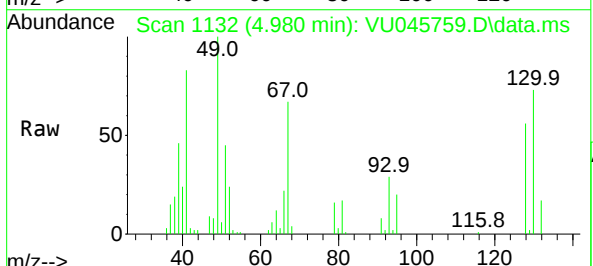
Delta R.T. 0.003 min

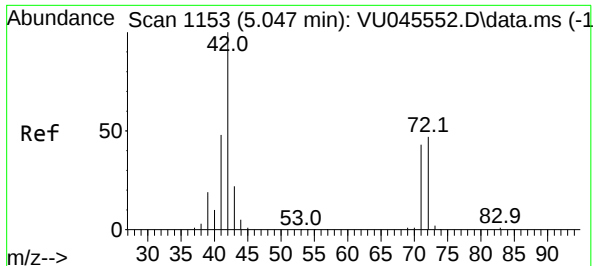
Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

Tgt Ion: 49 Resp: 25048

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	72.8	57.5	86.3





#29

Tetrahydrofuran

Concen: 99.943 ug/l

RT: 5.050 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBS01

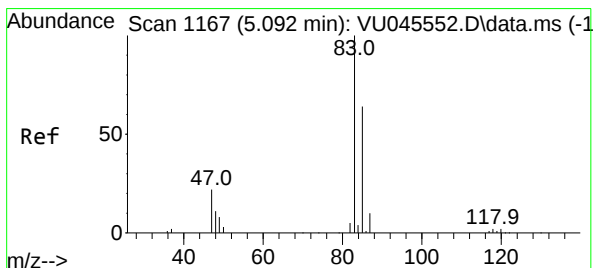
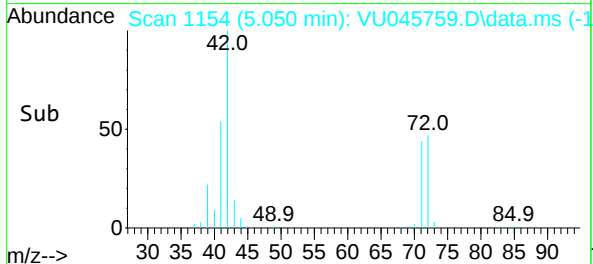
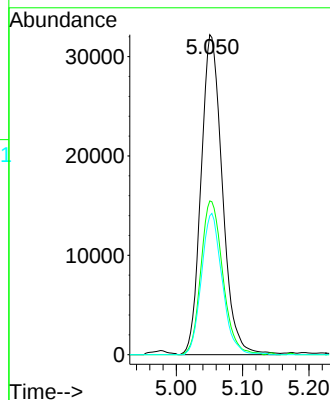
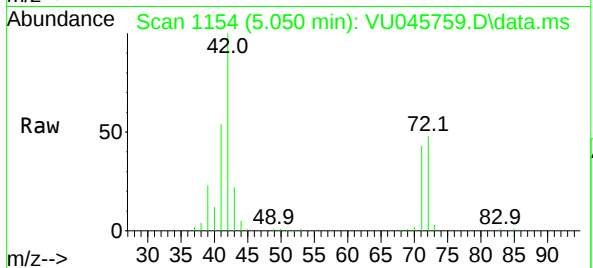
Tgt Ion:	42	Resp:	7204
Ion Ratio	Lower	Upper	
42	100		
72	49.2	38.2	57.4
71	43.1	35.4	53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#30

Chloroform

Concen: 20.817 ug/l

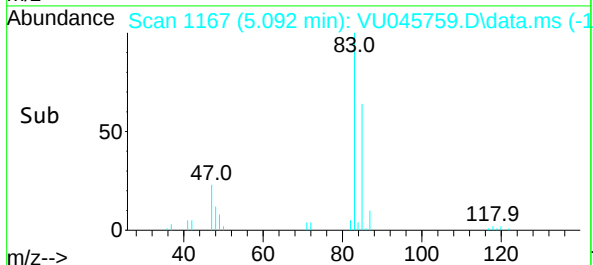
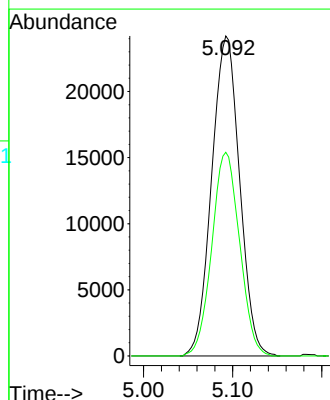
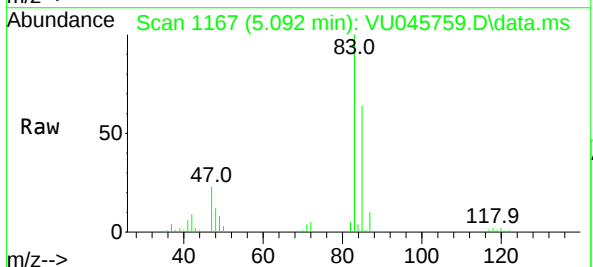
RT: 5.092 min Scan# 1167

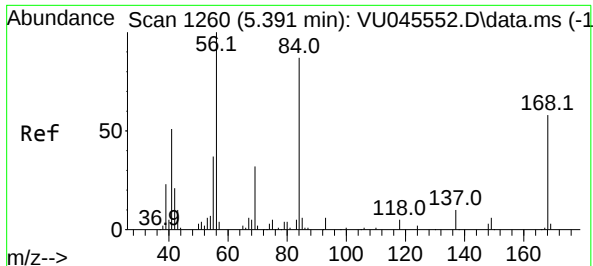
Delta R.T. -0.000 min

Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

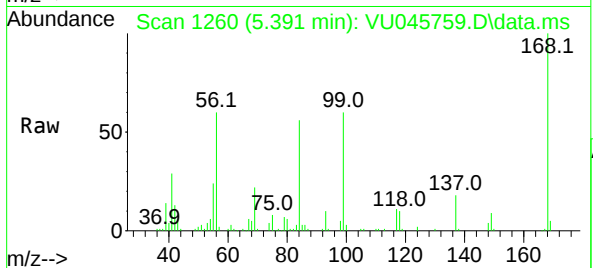
Tgt Ion:	83	Resp:	52739
Ion Ratio	Lower	Upper	
83	100		
85	63.6	52.0	78.0





#31
Cyclohexane
Concen: 18.361 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

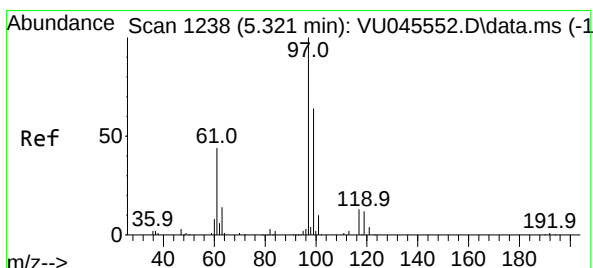
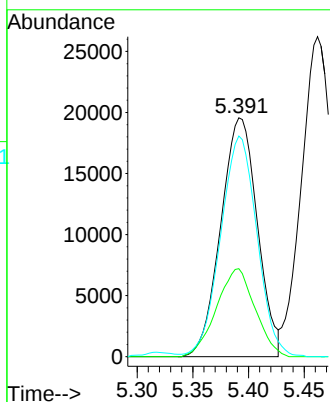
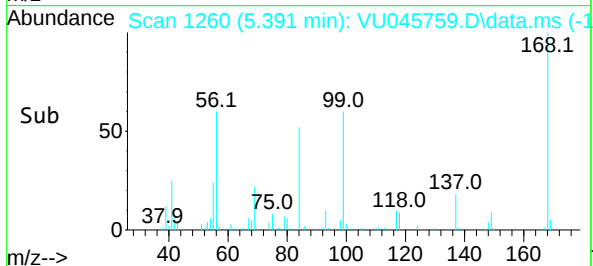
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01



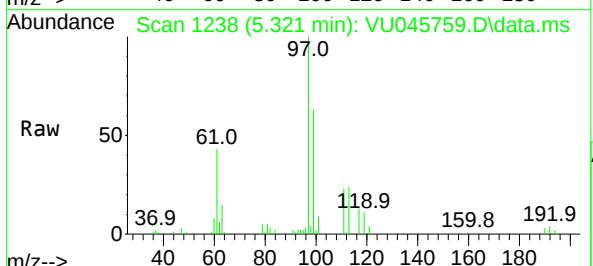
Tgt Ion: 56 Resp: 44711
Ion Ratio Lower Upper
56 100
69 36.8 26.4 39.6
84 91.4 68.4 102.6

Manual Integrations
APPROVED

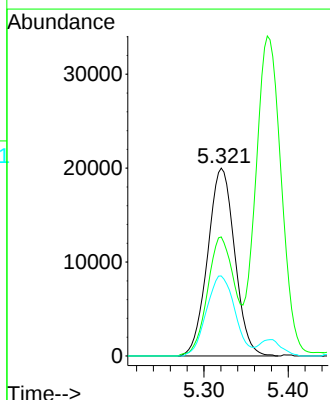
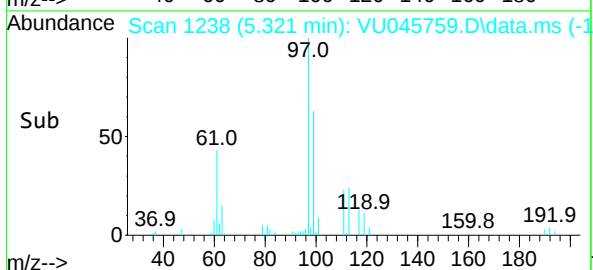
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

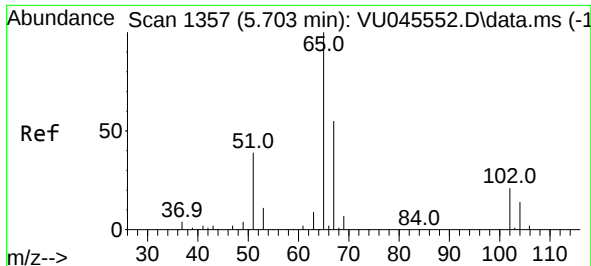


#32
1,1,1-Trichloroethane
Concen: 20.648 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16



Tgt Ion: 97 Resp: 44611
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 44.9 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 50.375 ug/l

RT: 5.706 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBS01

Tgt Ion: 65 Resp: 84080

Ion Ratio Lower Upper

65 100

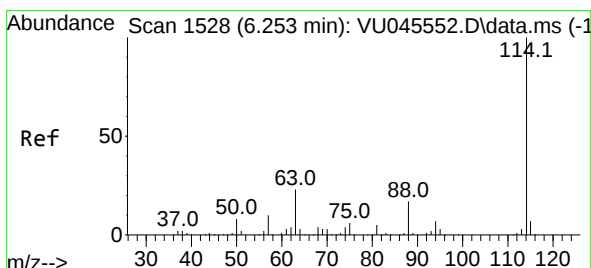
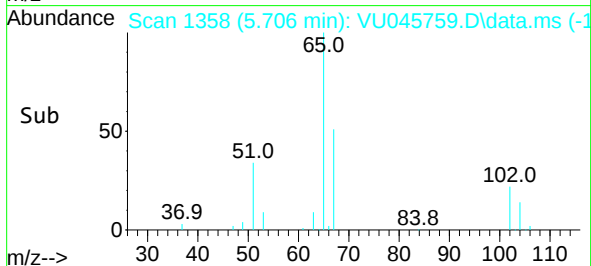
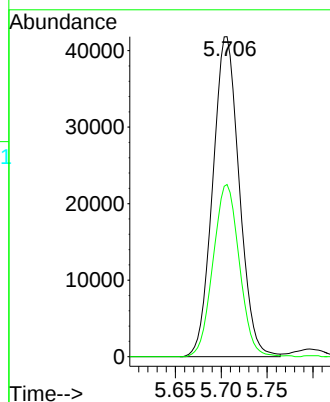
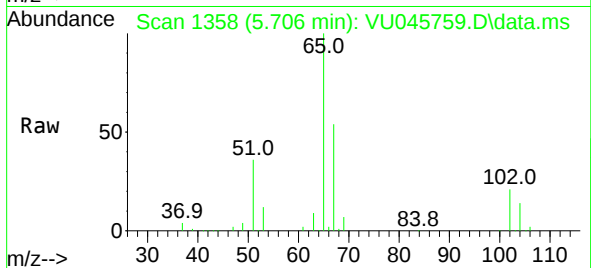
67 53.4 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

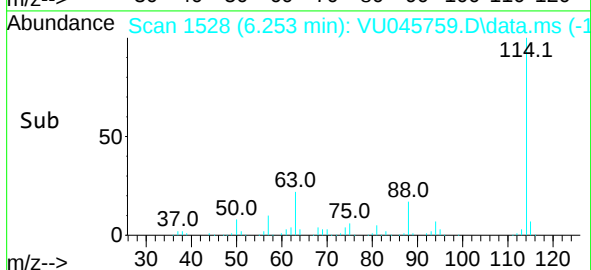
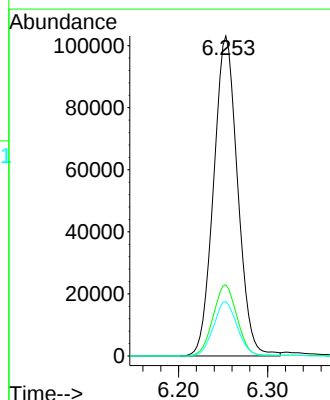
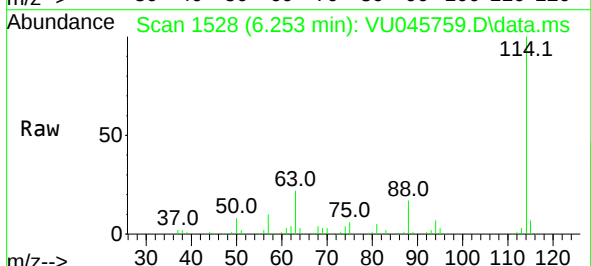
Tgt Ion:114 Resp: 192896

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.6

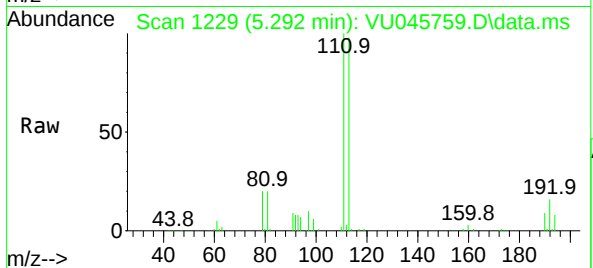
88 16.9 0.0 33.8





#35
Dibromofluoromethane
Concen: 50.410 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

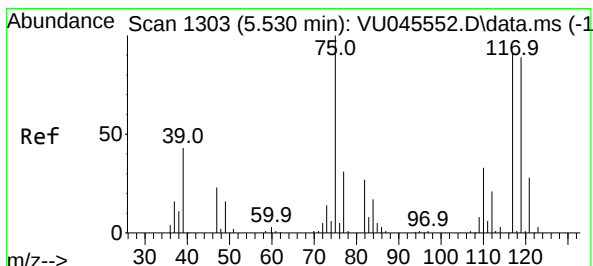
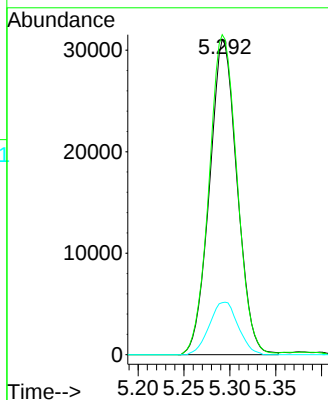
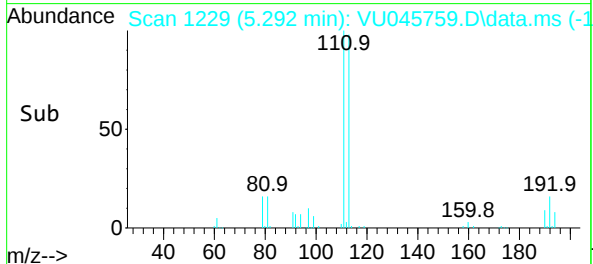
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01



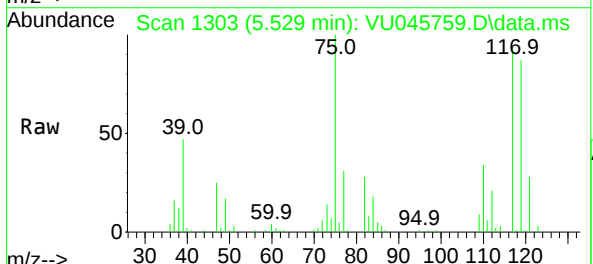
Tgt Ion:113 Resp: 6492
Ion Ratio Lower Upper
113 100
111 103.1 82.8 124.2
192 17.4 14.8 22.2

Manual Integrations
APPROVED

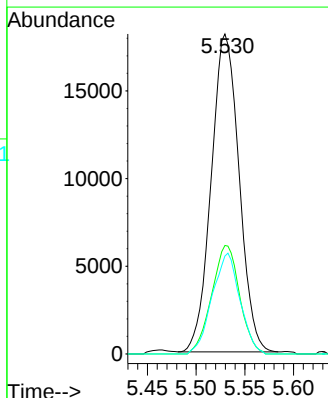
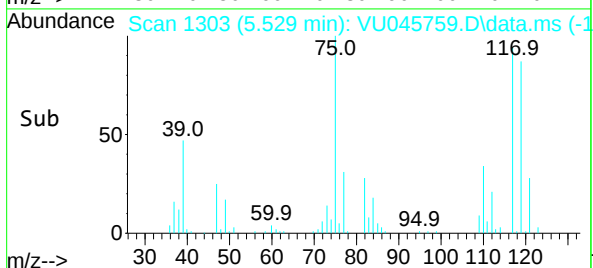
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

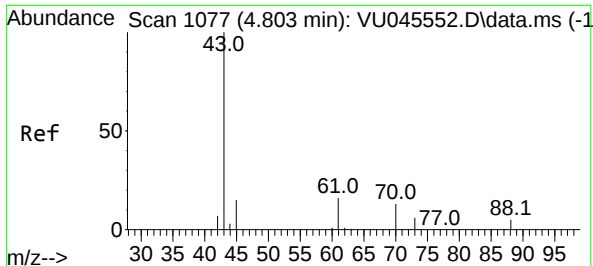


#36
1,1-Dichloropropene
Concen: 19.178 ug/l
RT: 5.529 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16



Tgt Ion: 75 Resp: 36072
Ion Ratio Lower Upper
75 100
110 34.1 16.7 50.0
77 31.5 25.0 37.4





#37

Ethyl Acetate

Concen: 19.579 ug/l

RT: 4.806 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBS01

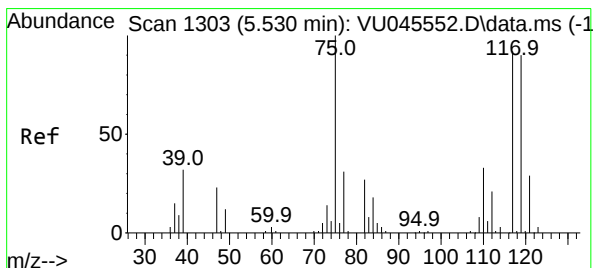
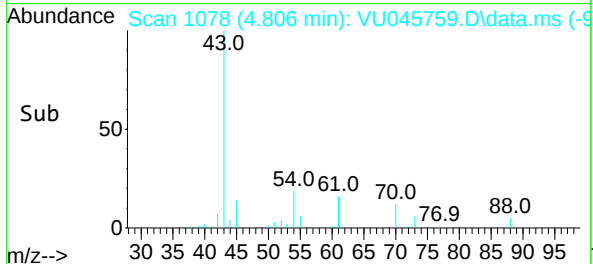
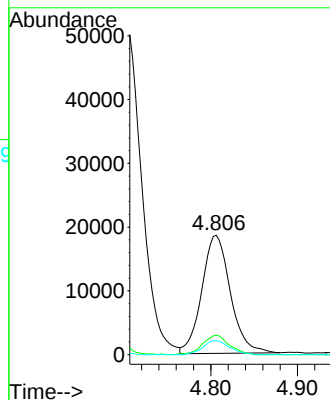
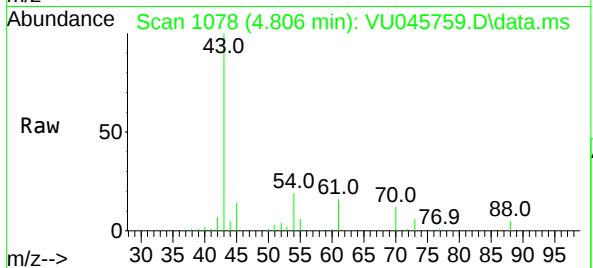
Tgt Ion: 43	Resp: 4230
Ion Ratio	Lower Upper
43	100
61	15.4 11.6 17.4
70	11.2 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#38

Carbon Tetrachloride

Concen: 19.779 ug/l

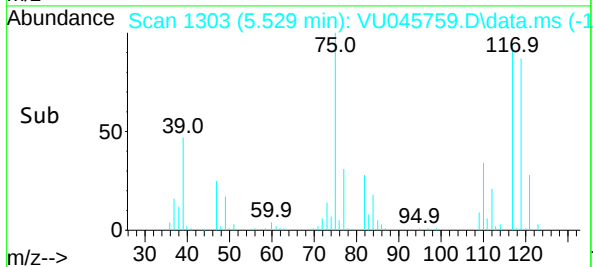
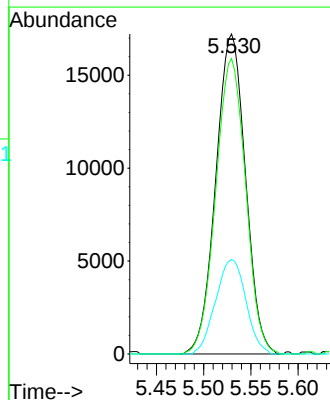
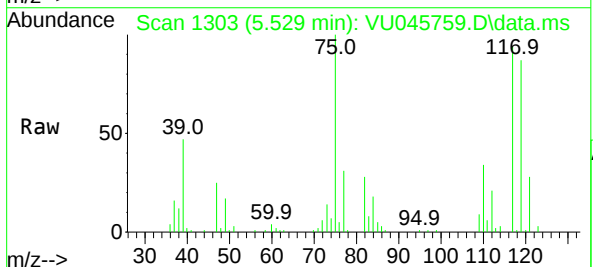
RT: 5.529 min Scan# 1303

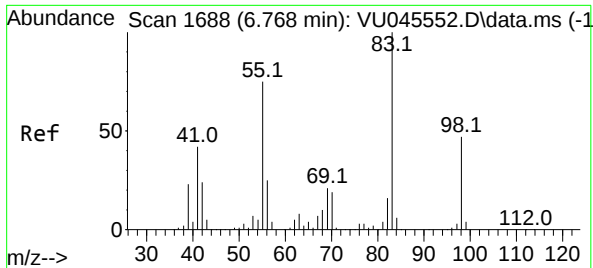
Delta R.T. -0.000 min

Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

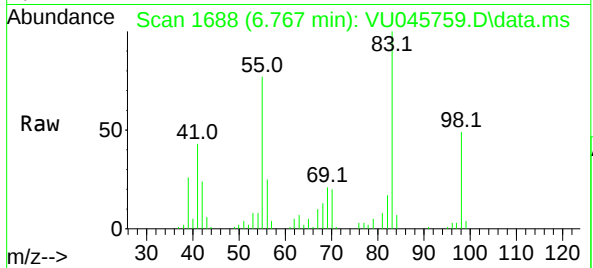
Tgt Ion: 117	Resp: 37506
Ion Ratio	Lower Upper
117	100
119	92.3 77.4 116.0
121	29.5 24.8 37.2





#39
Methylcyclohexane
Concen: 18.145 ug/l
RT: 6.767 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

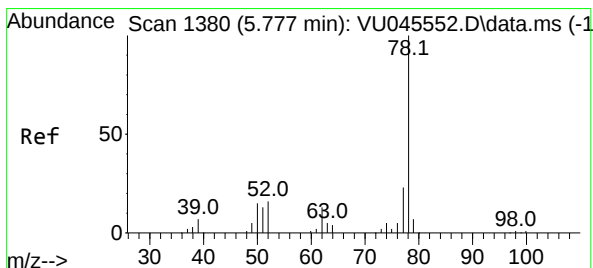
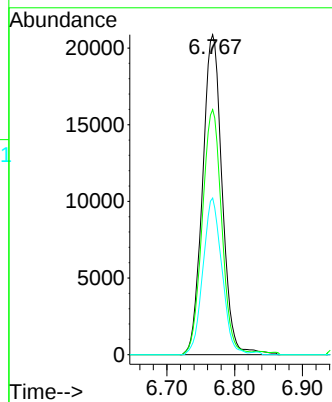
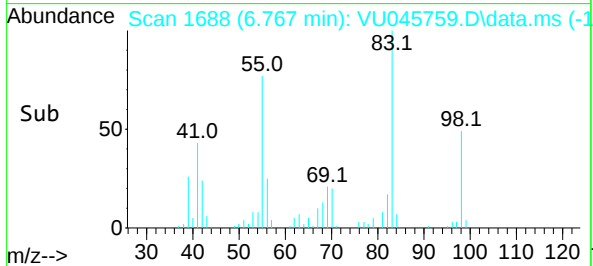
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01



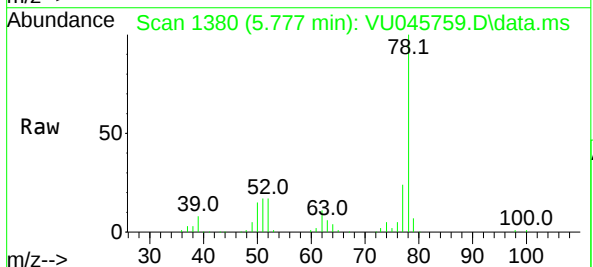
Tgt Ion: 83 Resp: 41869
Ion Ratio Lower Upper
83 100
55 76.6 63.6 95.4
98 48.9 37.1 55.7

Manual Integrations
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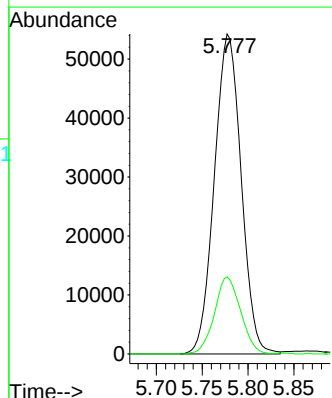
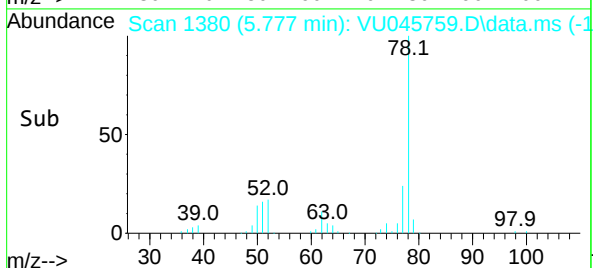
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#40
Benzene
Concen: 19.792 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16



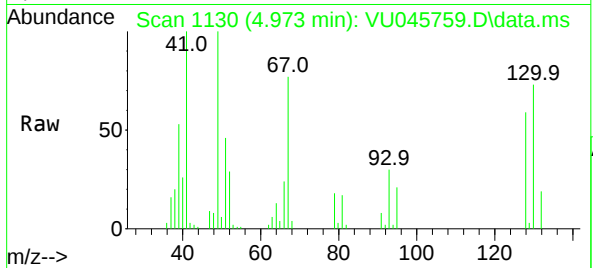
Tgt Ion: 78 Resp: 110212
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4





#41
Methacrylonitrile
Concen: 20.443 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

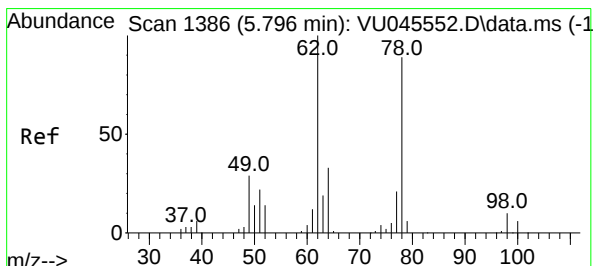
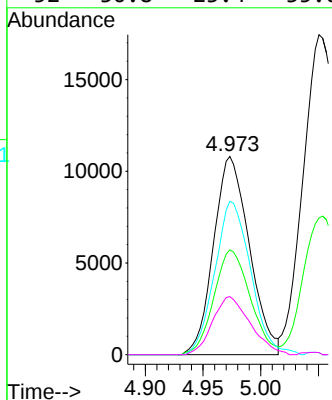
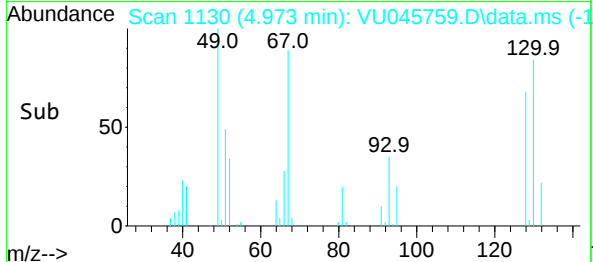
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01



Tgt Ion: 41 Resp: 2334
Ion Ratio Lower Upper
41 100
39 53.6 43.4 65.0
67 77.4 61.0 91.4
52 30.8 23.4 35.0

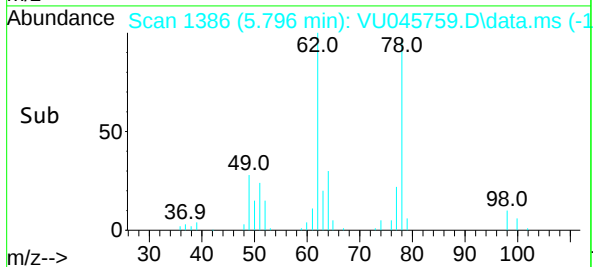
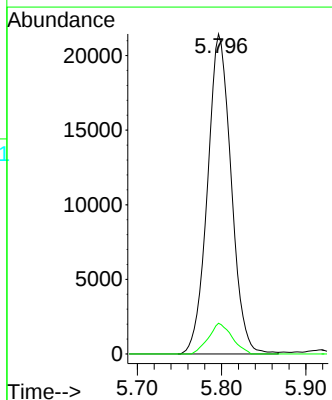
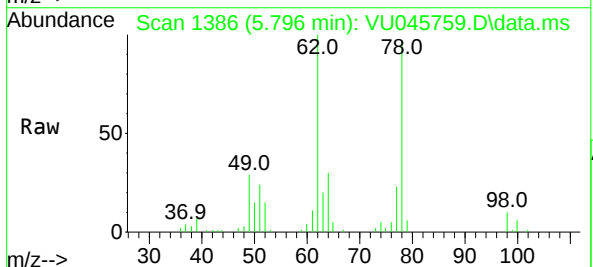
Manual Integrations
APPROVED

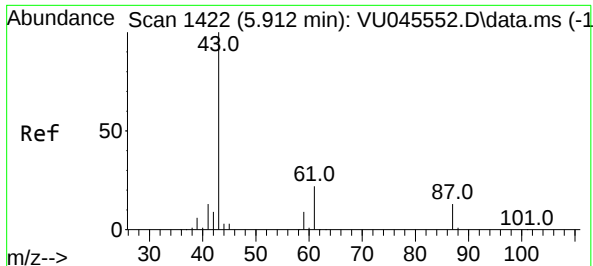
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#42
1,2-Dichloroethane
Concen: 20.809 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

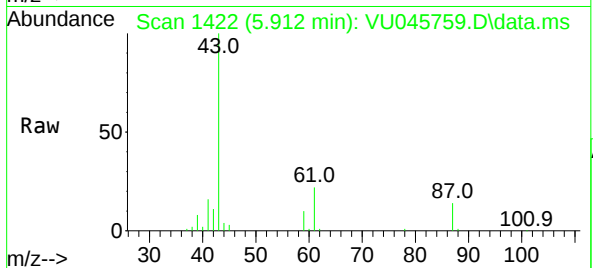
Tgt Ion: 62 Resp: 41856
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.4





#43
Isopropyl Acetate
Concen: 18.972 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

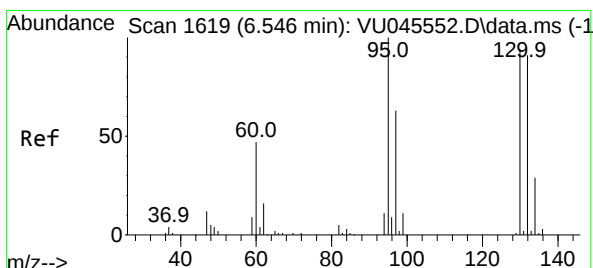
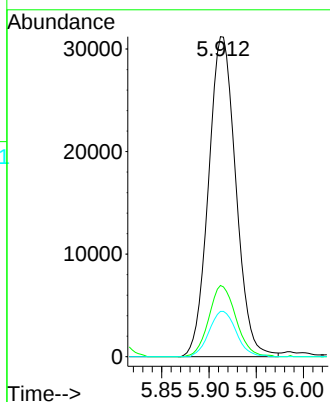
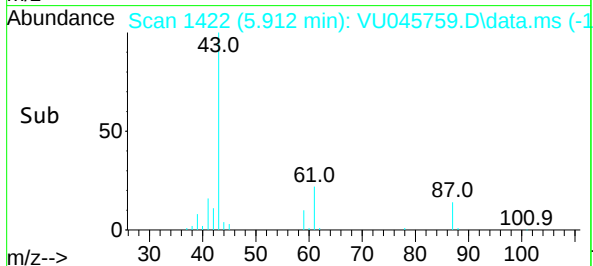
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01



Tgt Ion: 43 Resp: 62690
Ion Ratio Lower Upper
43 100
61 22.1 16.9 25.3
87 14.0 11.0 16.4

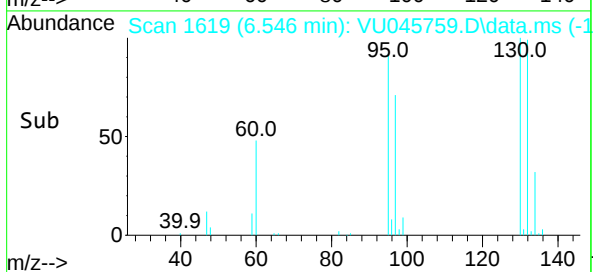
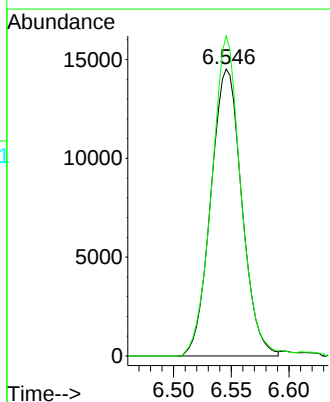
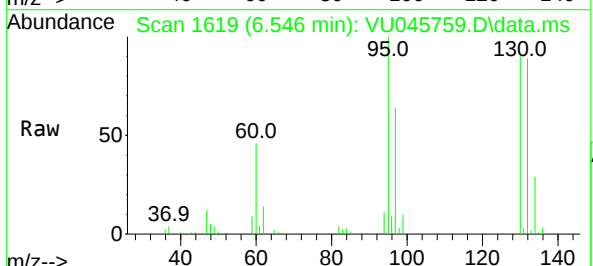
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#44
Trichloroethene
Concen: 20.335 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

Tgt Ion:130 Resp: 27105
Ion Ratio Lower Upper
130 100
95 111.5 0.0 211.4





#45

1,2-Dichloropropane

Concen: 20.556 ug/l

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBS01

Tgt Ion: 63 Resp: 3028

Ion Ratio Lower Upper

63 100

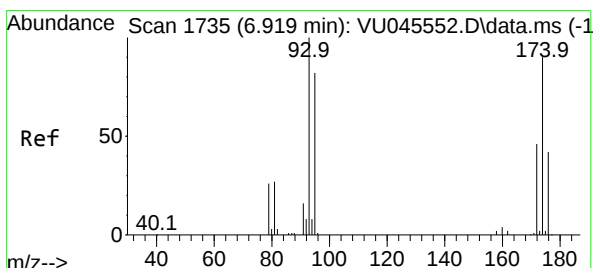
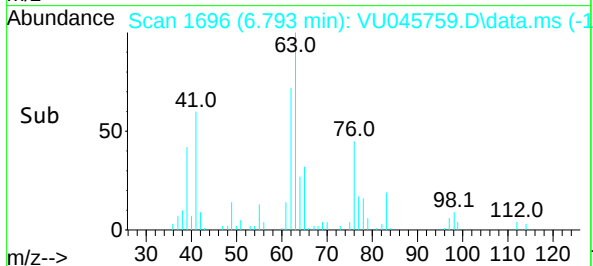
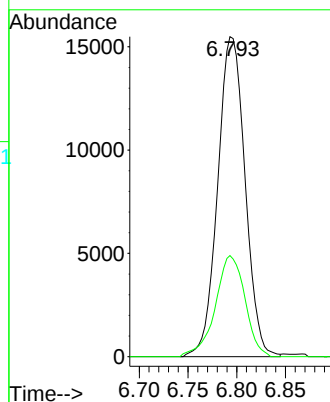
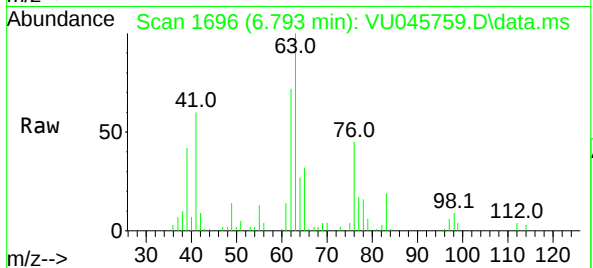
65 31.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#46

Dibromomethane

Concen: 20.573 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.003 min

Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

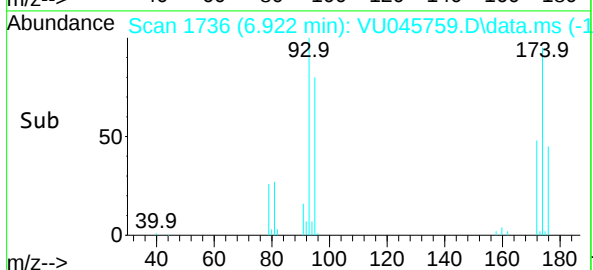
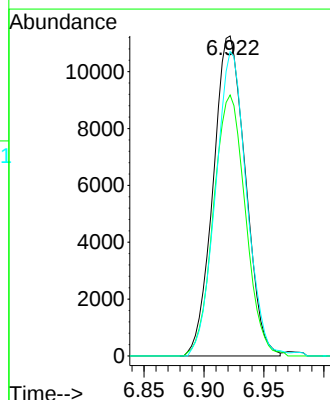
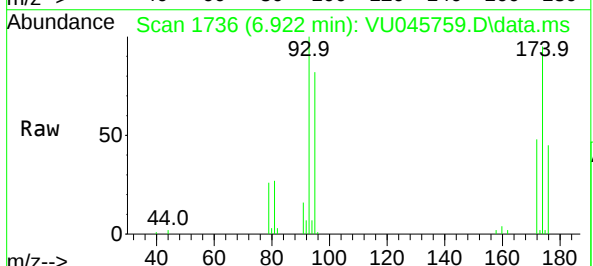
Tgt Ion: 93 Resp: 21004

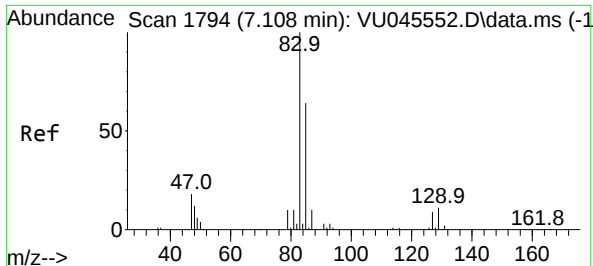
Ion Ratio Lower Upper

93 100

95 80.7 66.2 99.2

174 91.6 71.0 106.6





#47

Bromodichloromethane

Concen: 20.861 ug/l

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBS01

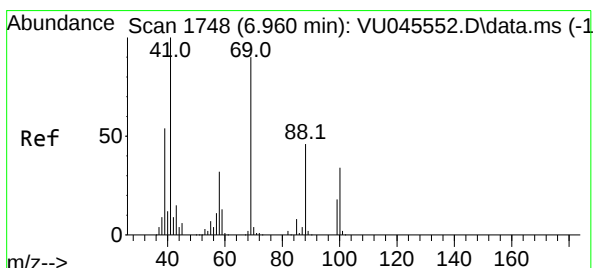
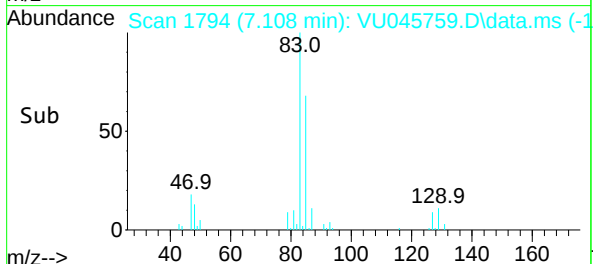
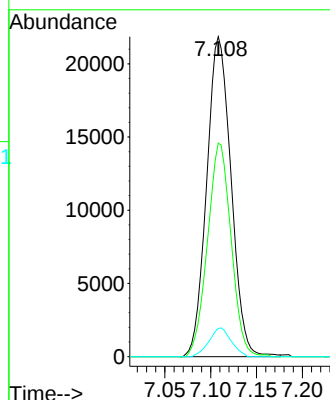
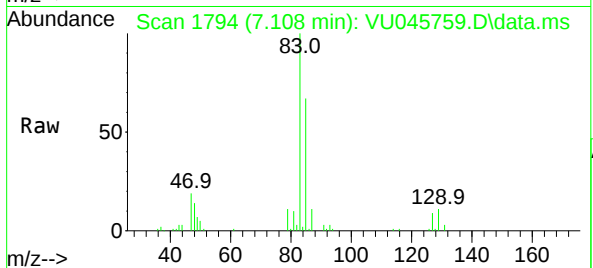
Tgt Ion:	83	Resp:	4041
Ion	Ratio	Lower	Upper
83	100		
85	66.7	49.8	74.6
127	8.8	6.2	9.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#48

Methyl methacrylate

Concen: 19.362 ug/l

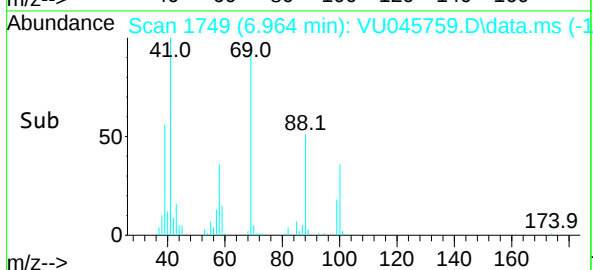
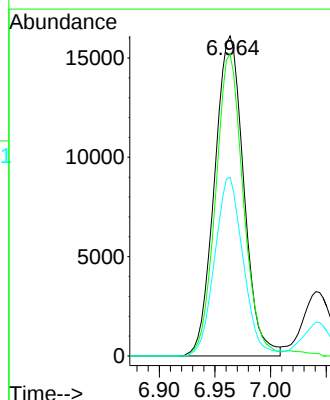
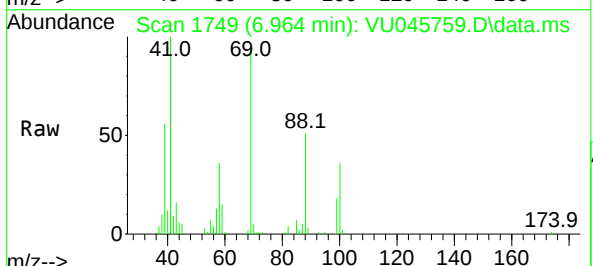
RT: 6.964 min Scan# 1749

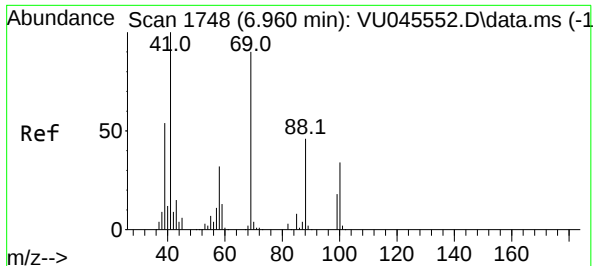
Delta R.T. 0.003 min

Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

Tgt Ion:	41	Resp:	29451
Ion	Ratio	Lower	Upper
41	100		
69	88.9	70.2	105.2
39	54.6	43.9	65.9





#49

1,4-Dioxane

Concen: 407.884 ug/l

RT: 6.964 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBS01

Tgt Ion: 88 Resp: 1595

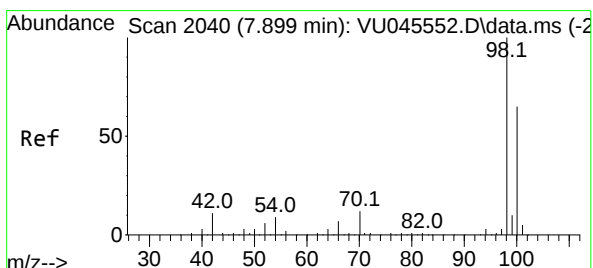
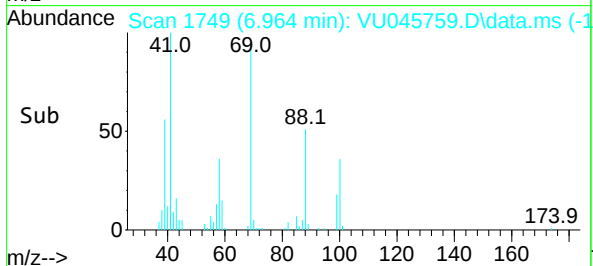
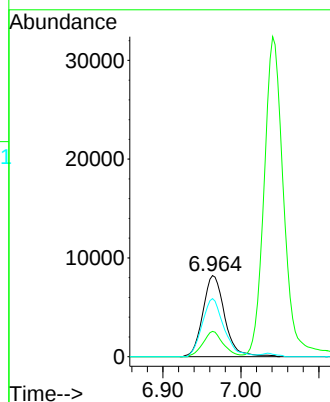
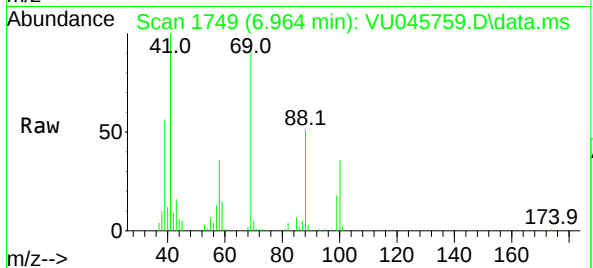
Ion	Ratio	Lower	Upper
88	100		
43	29.0	0.0	0.0
58	71.8	58.7	88.1

Manual Integrations

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Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#50

Toluene-d8

Concen: 50.360 ug/l

RT: 7.902 min Scan# 2041

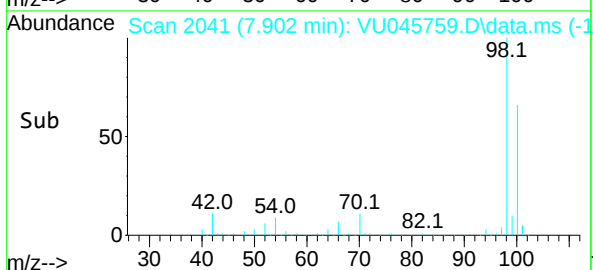
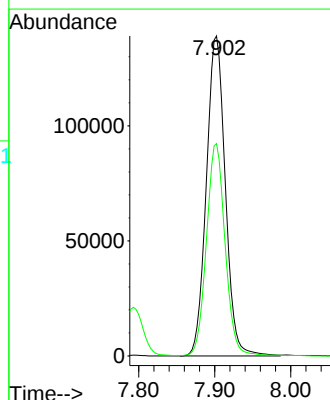
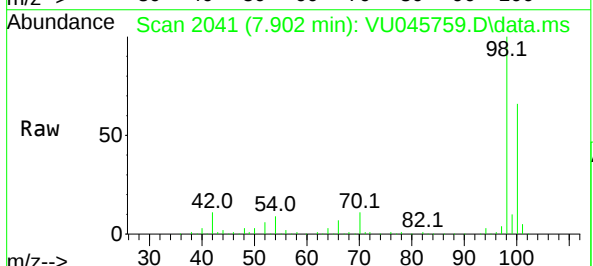
Delta R.T. 0.003 min

Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

Tgt Ion: 98 Resp: 241171

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.5	78.7





#51

4-Methyl-2-Pentanone

Concen: 100.757 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBS01

Tgt Ion: 43 Resp: 21964

Ion Ratio Lower Upper

43 100

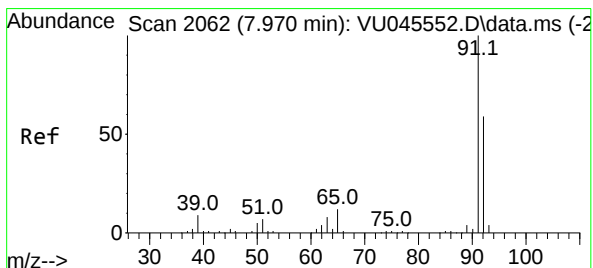
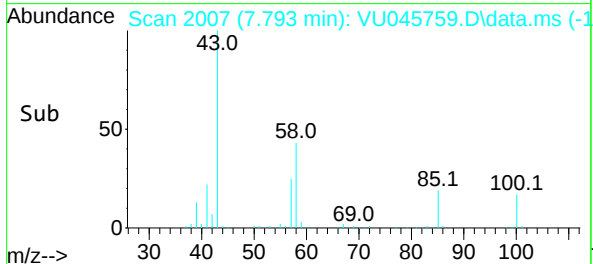
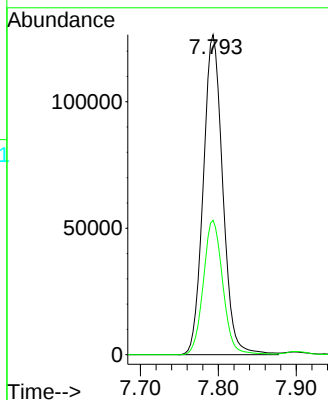
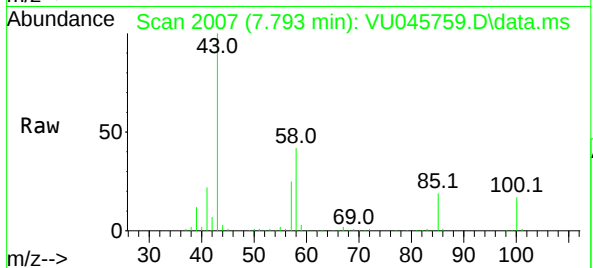
58 42.0 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#52

Toluene

Concen: 20.358 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU045759.D

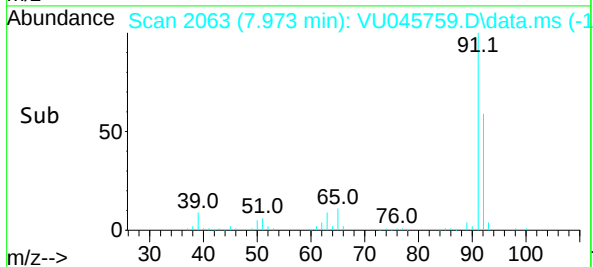
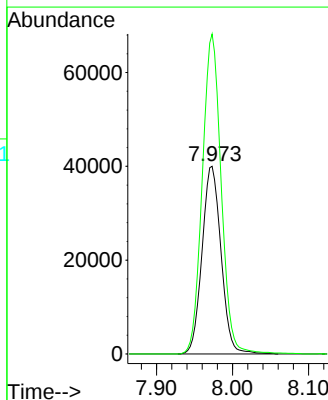
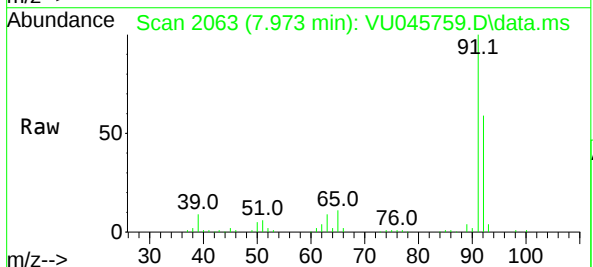
Acq: 12 Nov 2021 11:16

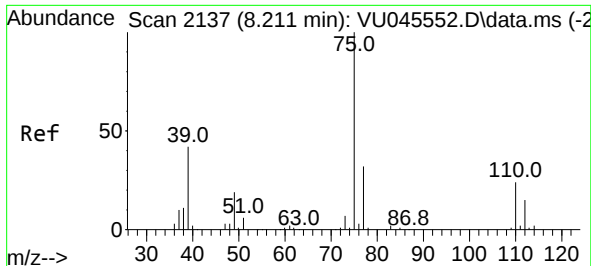
Tgt Ion: 92 Resp: 69405

Ion Ratio Lower Upper

92 100

91 169.8 135.6 203.4





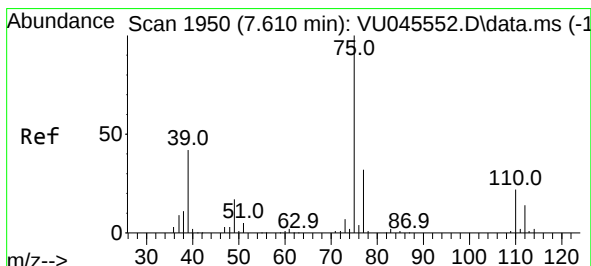
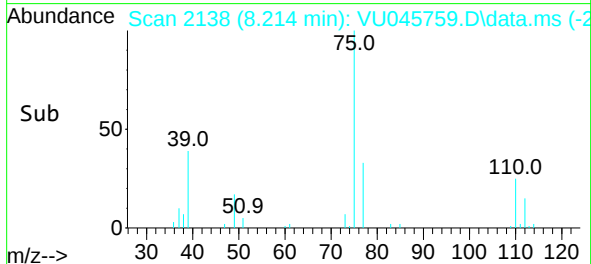
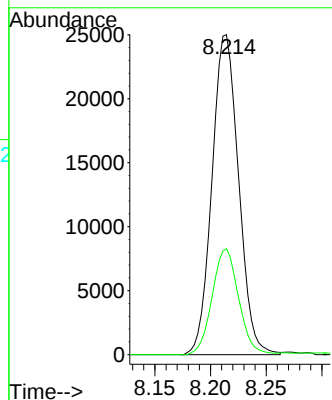
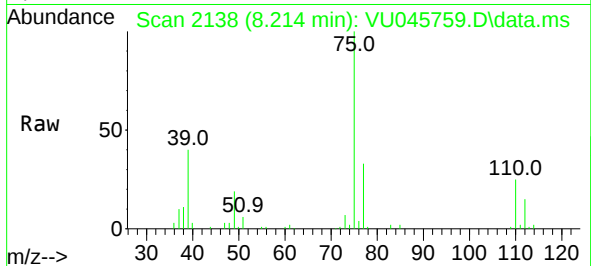
#53
 t-1,3-Dichloropropene
 Concen: 18.692 ug/l
 RT: 8.214 min Scan# 2137
 Delta R.T. 0.003 min
 Lab File: VU045759.D
 Acq: 12 Nov 2021 11:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBS01

Tgt Ion: 75 Resp: 4161
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.8 38.8

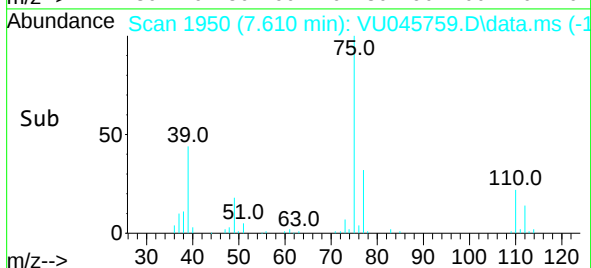
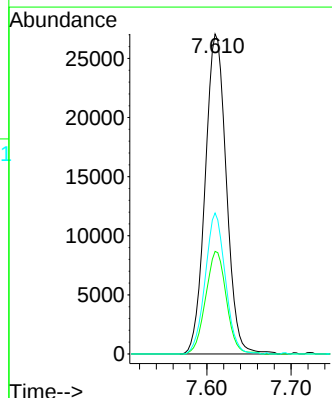
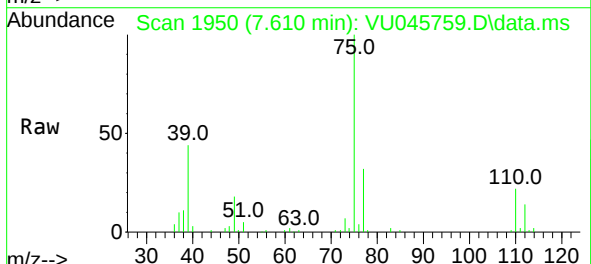
Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#54
 cis-1,3-Dichloropropene
 Concen: 19.975 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VU045759.D
 Acq: 12 Nov 2021 11:16

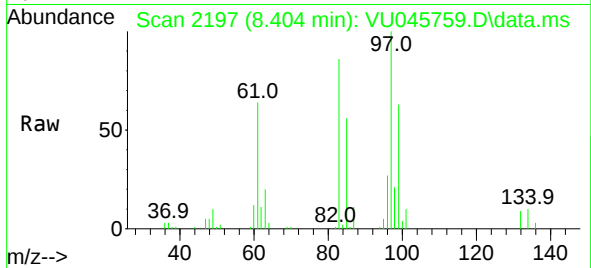
Tgt Ion: 75 Resp: 47235
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.6 37.0
 39 44.1 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 20.855 ug/l
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

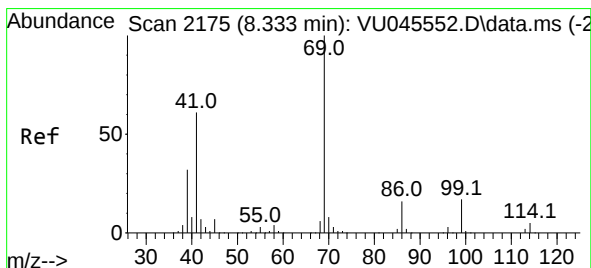
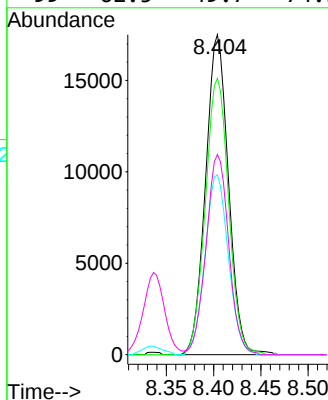
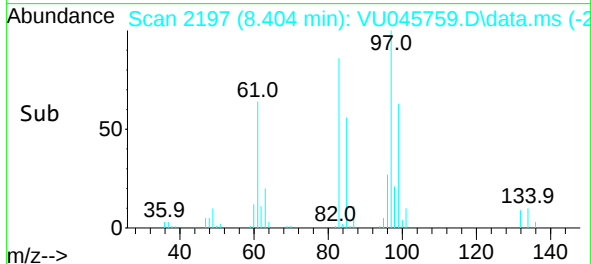
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01



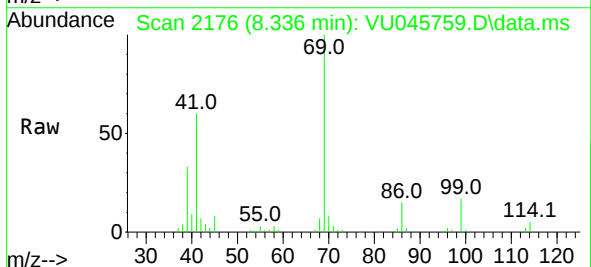
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.4	70.3	105.5
85	56.2	45.5	68.3
99	62.5	49.7	74.5

Manual Integrations
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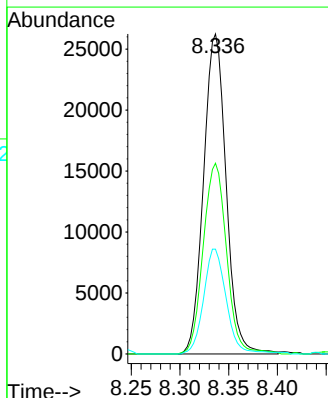
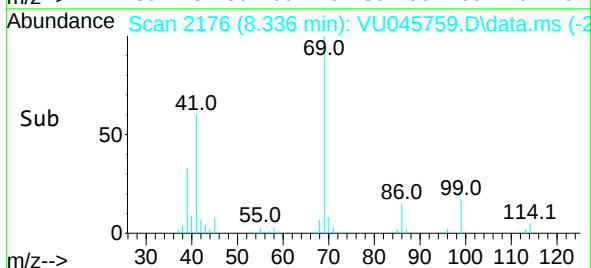
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

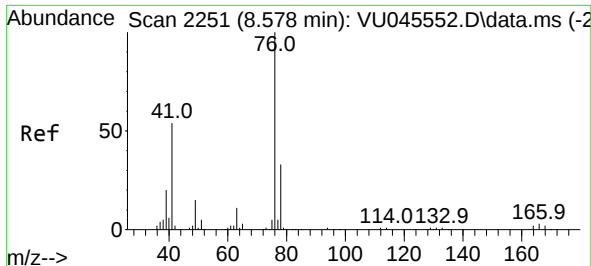


#56
Ethyl methacrylate
Concen: 18.309 ug/l
RT: 8.336 min Scan# 2176
Delta R.T. 0.003 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16



Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.8	51.0	76.4
39	33.1	26.6	39.8





#57

1,3-Dichloropropane

Concen: 20.370 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBS01

Tgt Ion: 76 Resp: 51839

Ion Ratio Lower Upper

76 100

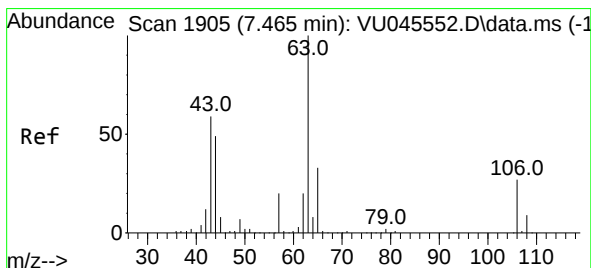
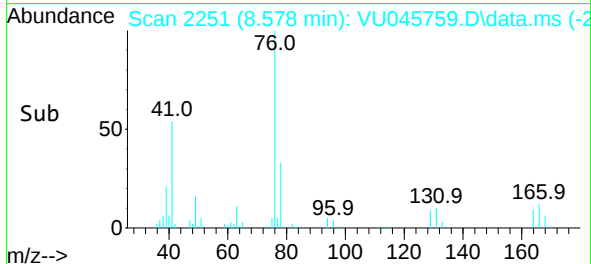
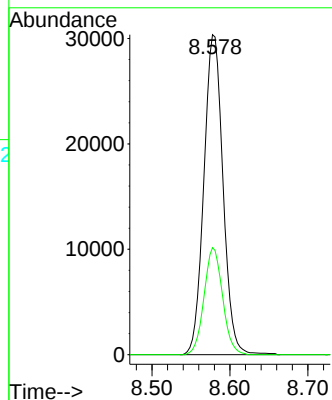
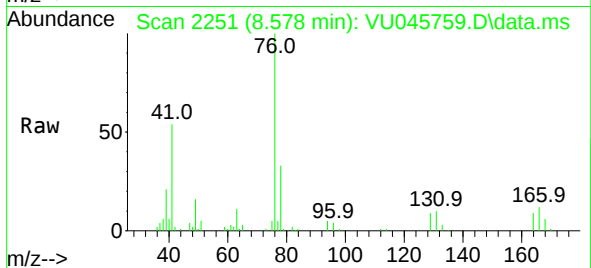
78 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#58

2-Chloroethyl Vinyl ether

Concen: 77.927 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VU045759.D

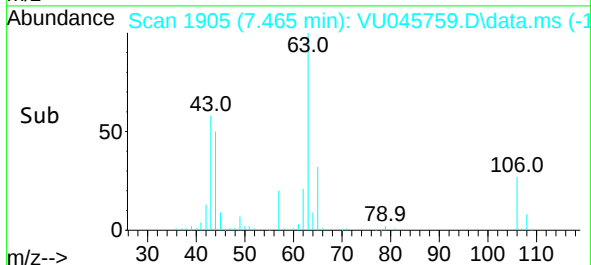
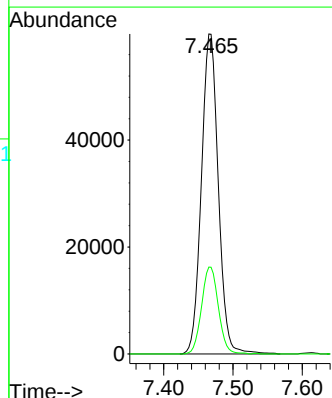
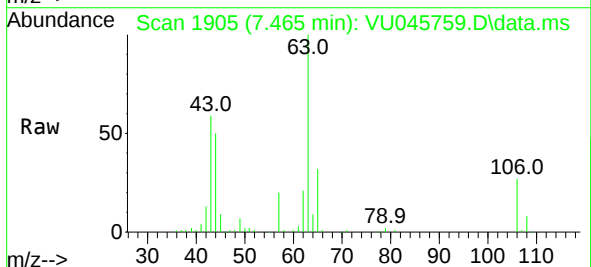
Acq: 12 Nov 2021 11:16

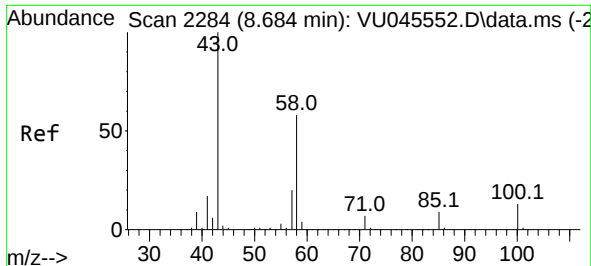
Tgt Ion: 63 Resp: 101369

Ion Ratio Lower Upper

63 100

106 27.0 21.0 31.4





#59

2-Hexanone

Concen: 92.690 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBS01

Tgt Ion: 43 Resp: 16654

Ion Ratio Lower Upper

43 100

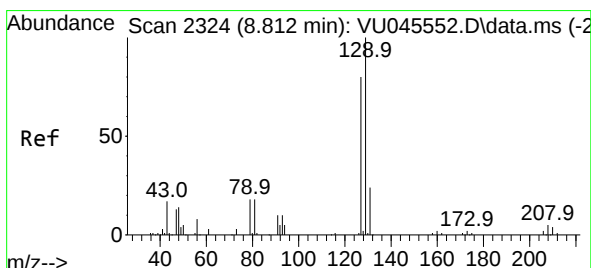
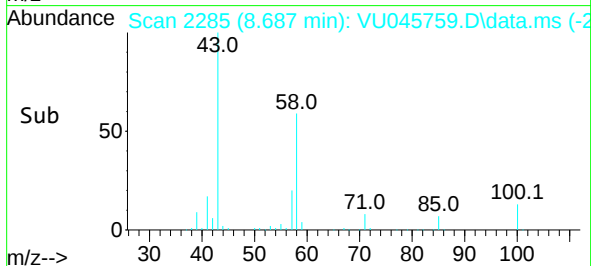
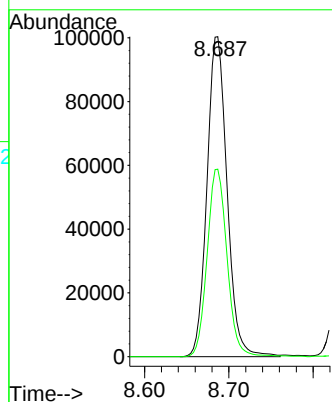
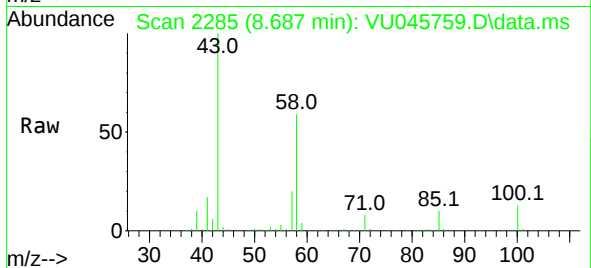
58 58.1 29.5 88.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#60

Dibromochloromethane

Concen: 20.990 ug/l

RT: 8.812 min Scan# 2324

Delta R.T. -0.000 min

Lab File: VU045759.D

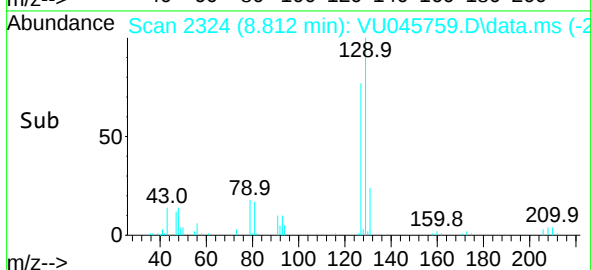
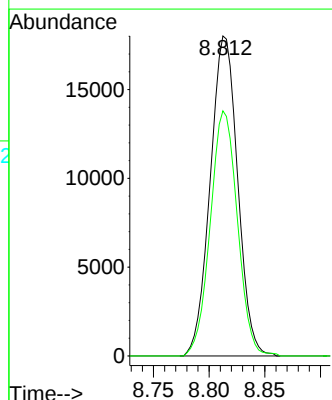
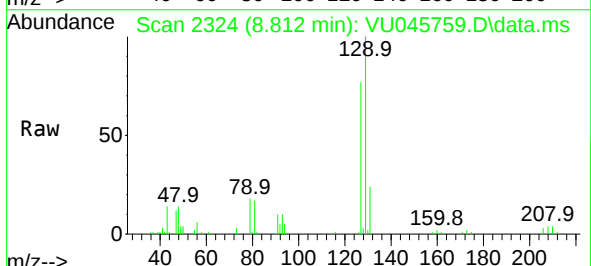
Acq: 12 Nov 2021 11:16

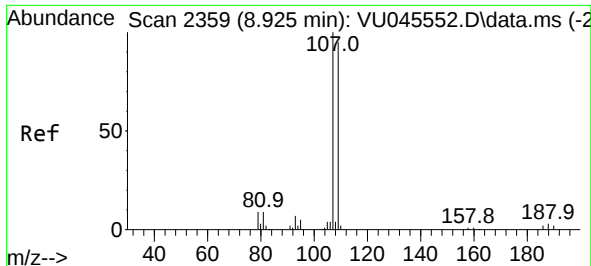
Tgt Ion:129 Resp: 30883

Ion Ratio Lower Upper

129 100

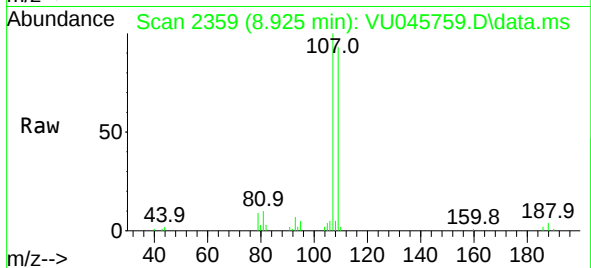
127 75.7 38.5 115.3





#61
1,2-Dibromoethane
Concen: 20.118 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

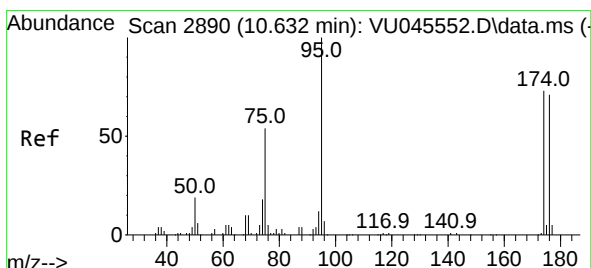
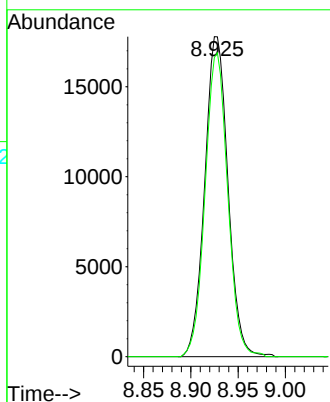
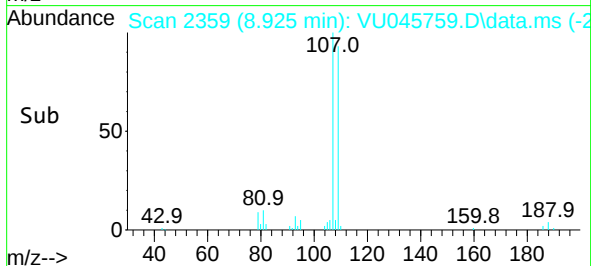
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01



Tgt Ion:107 Resp: 3048
Ion Ratio Lower Upper
107 100
109 91.9 75.8 113.8

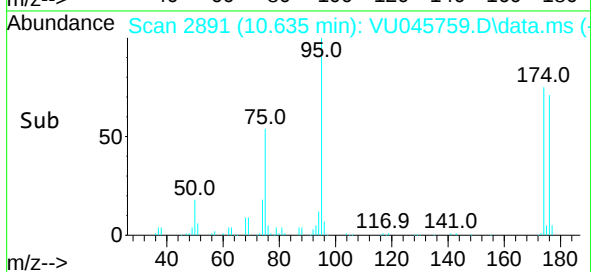
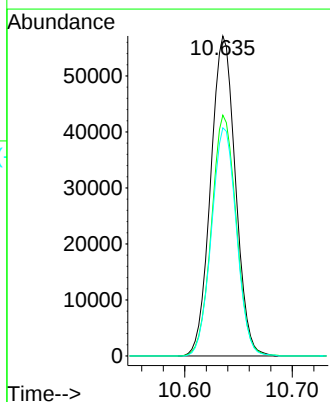
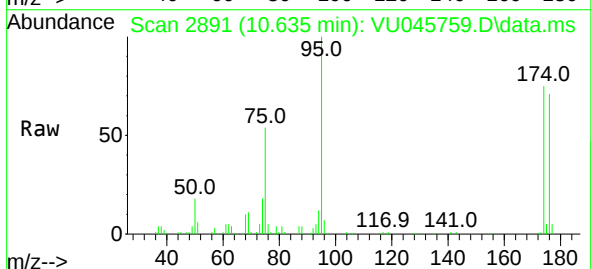
Manual Integrations
APPROVED

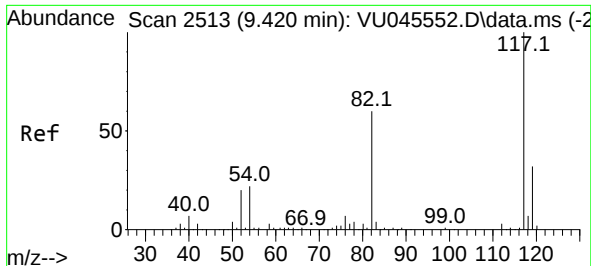
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#62
4-Bromofluorobenzene
Concen: 47.573 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

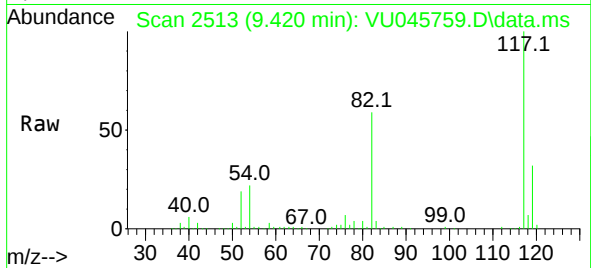
Tgt Ion: 95 Resp: 91355
Ion Ratio Lower Upper
95 100
174 75.2 0.0 141.8
176 71.7 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

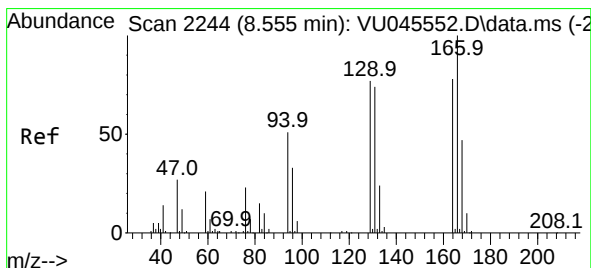
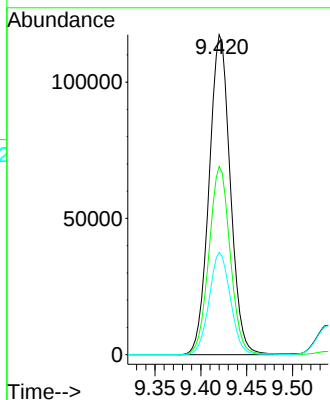
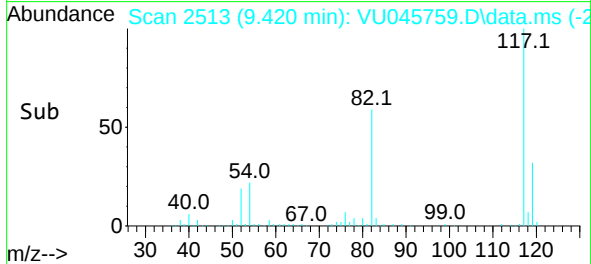
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01



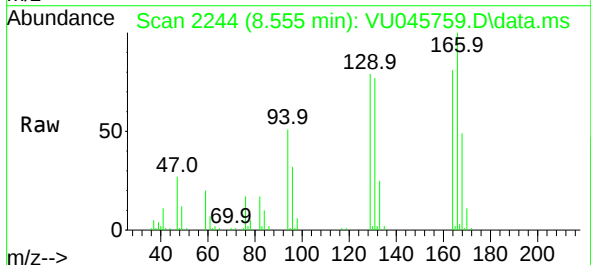
Tgt Ion:117 Resp: 18890
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.8
119 32.0 25.8 38.8

Manual Integrations
APPROVED

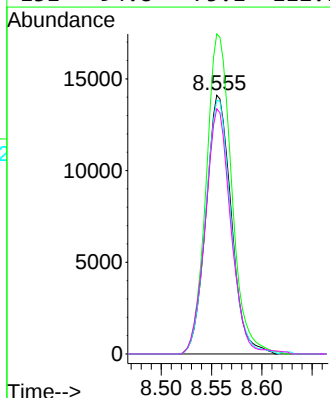
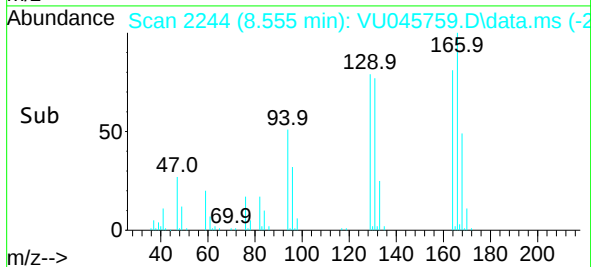
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

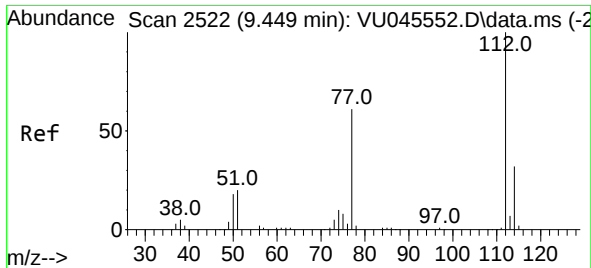


#64
Tetrachloroethene
Concen: 22.743 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16



Tgt Ion:164 Resp: 24658
Ion Ratio Lower Upper
164 100
166 123.7 102.2 153.4
129 98.1 78.2 117.4
131 94.8 75.1 112.7





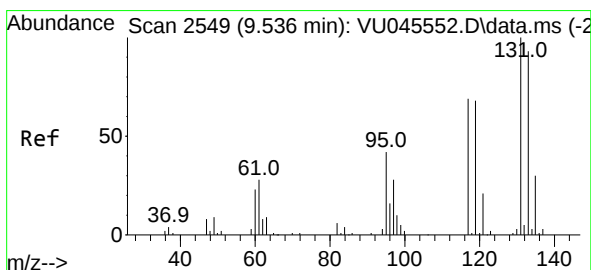
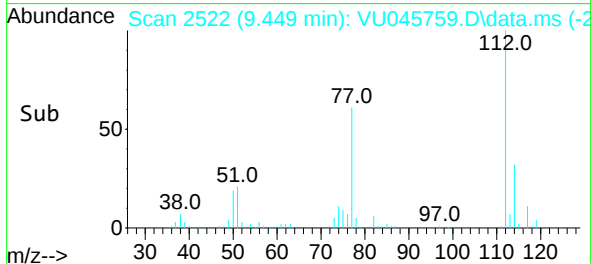
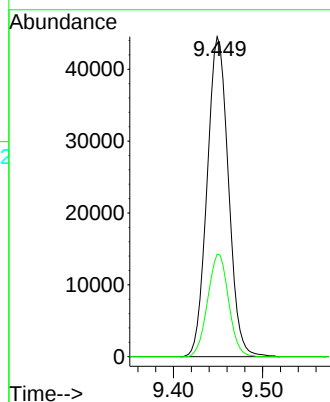
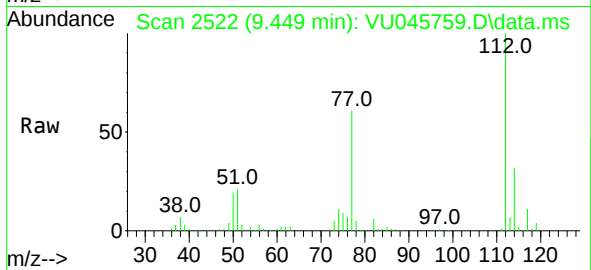
#65
Chlorobenzene
Concen: 19.883 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

Tgt Ion:112 Resp: 7377
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

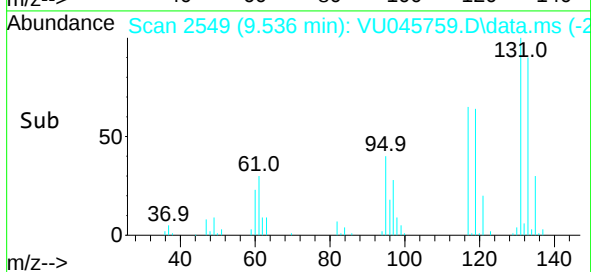
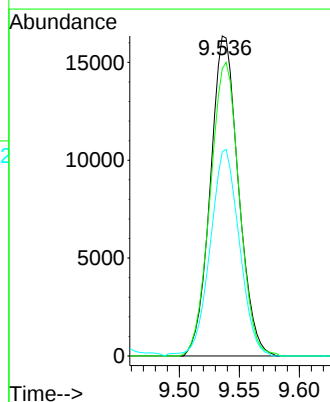
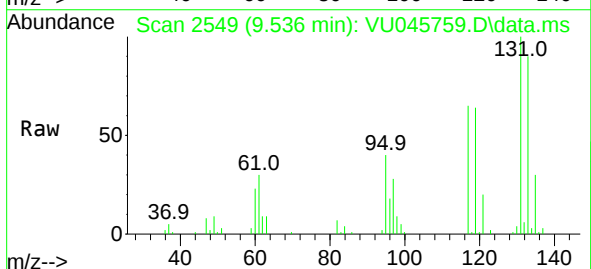
Manual Integrations
APPROVED

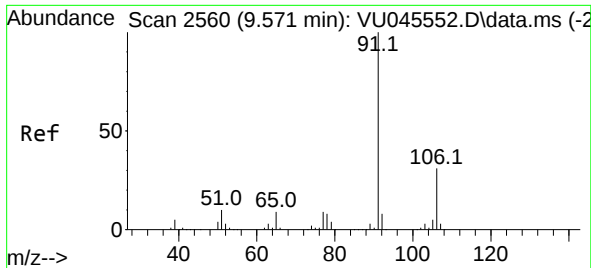
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 20.104 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

Tgt Ion:131 Resp: 26605
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.6
119 66.9 34.5 103.6





#67

Ethyl Benzene

Concen: 19.131 ug/l

RT: 9.574 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBS01

Tgt Ion: 91 Resp: 127125

Ion Ratio Lower Upper

91 100

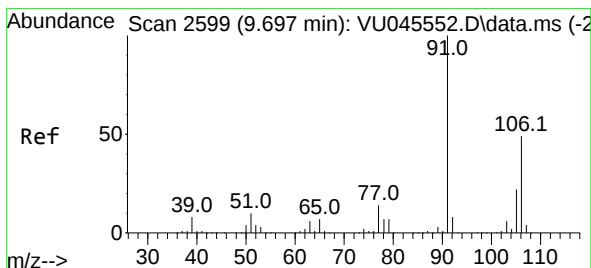
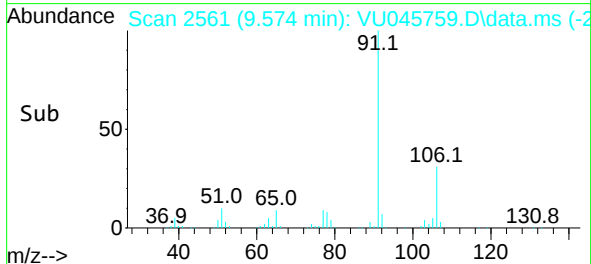
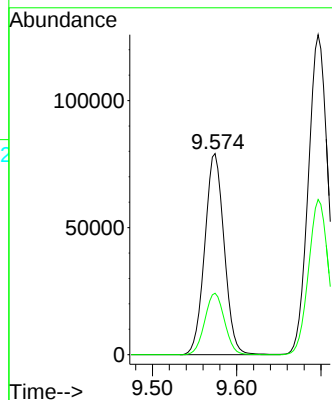
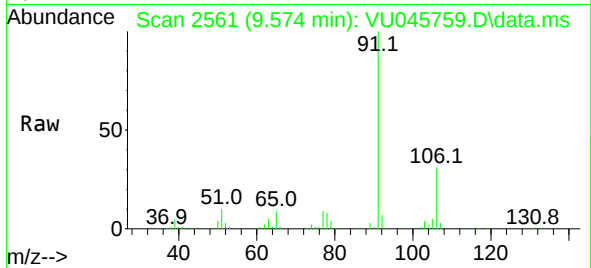
106 30.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#68

m/p-Xylenes

Concen: 40.154 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045759.D

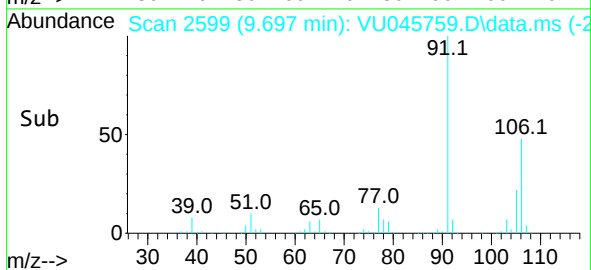
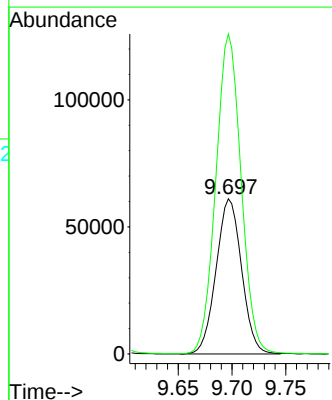
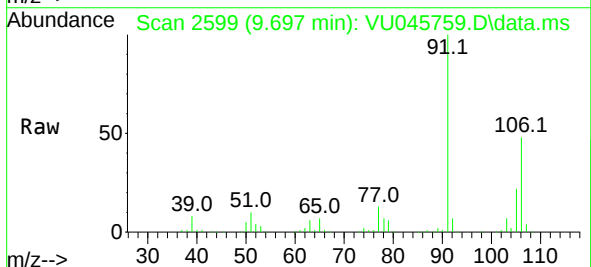
Acq: 12 Nov 2021 11:16

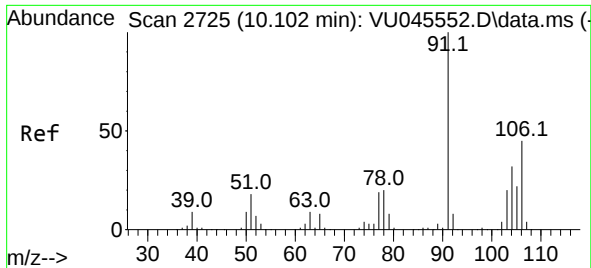
Tgt Ion:106 Resp: 100625

Ion Ratio Lower Upper

106 100

91 205.1 164.7 247.1





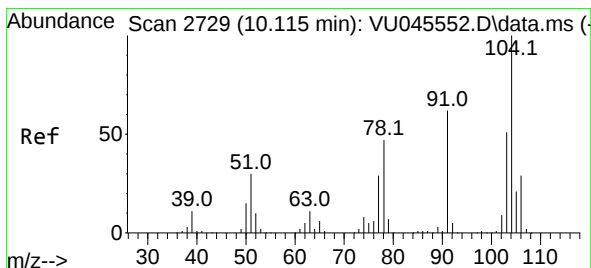
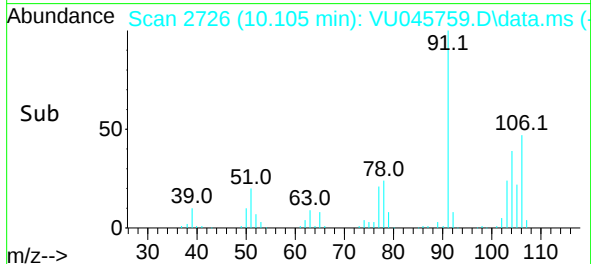
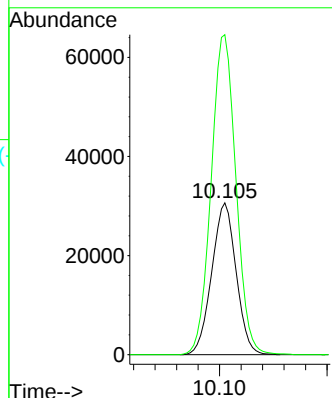
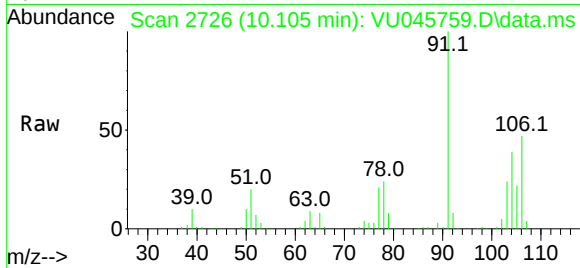
#69
o-Xylene
Concen: 19.797 ug/l
RT: 10.105 min Scan# 2710
Delta R.T. 0.003 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

Tgt Ion:106 Resp: 4823
Ion Ratio Lower Upper
106 100
91 214.1 108.7 326.3

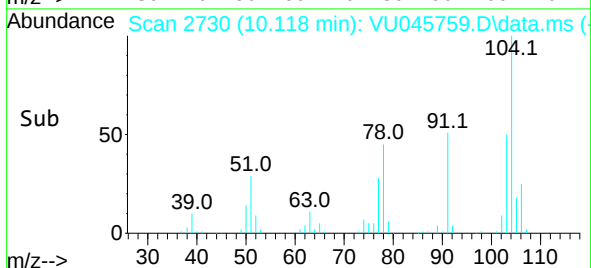
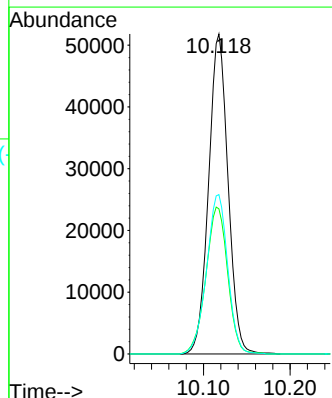
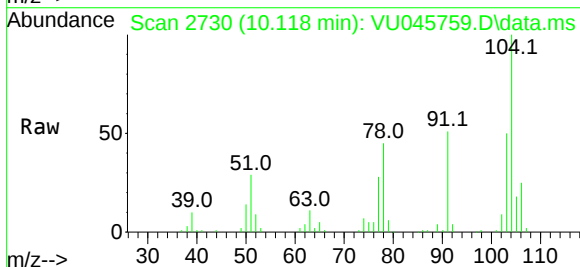
Manual Integrations
APPROVED

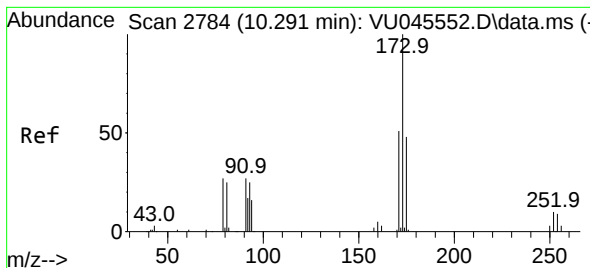
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#70
Styrene
Concen: 19.591 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

Tgt Ion:104 Resp: 80747
Ion Ratio Lower Upper
104 100
78 51.5 41.8 62.6
103 54.4 43.8 65.6





#71

Bromoform

Concen: 19.207 ug/l

RT: 10.295 min Scan# 21

Delta R.T. 0.004 min

Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

Instrument :

MSVOA_U

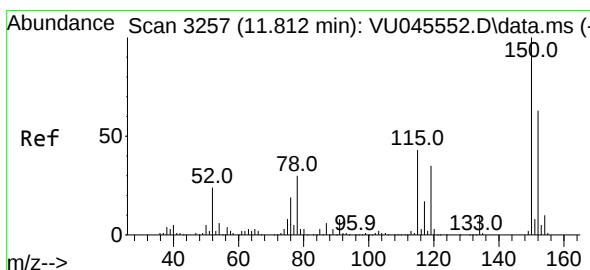
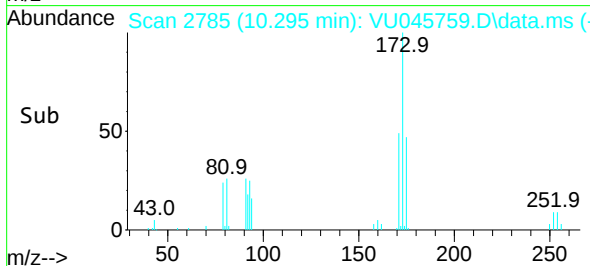
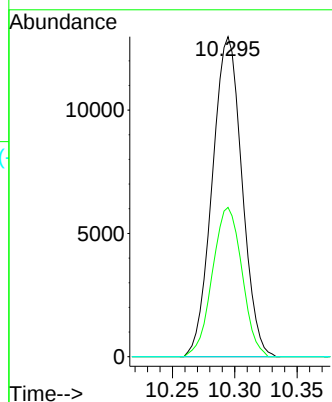
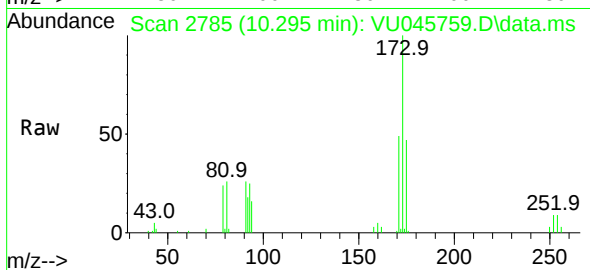
ClientSampleId :

VU1112WBS01

Tgt Ion:173 Resp: 21520
 Ion Ratio Lower Upper
 173 100
 175 46.5 24.1 72.2
 254 0.0 0.0 0.0

Manual Integrations
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Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

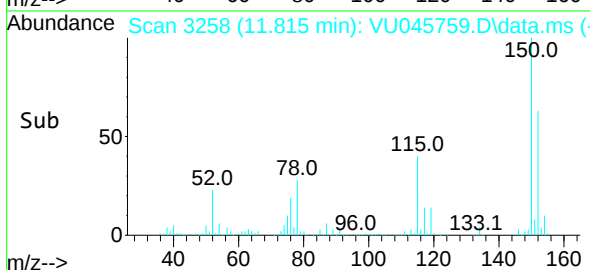
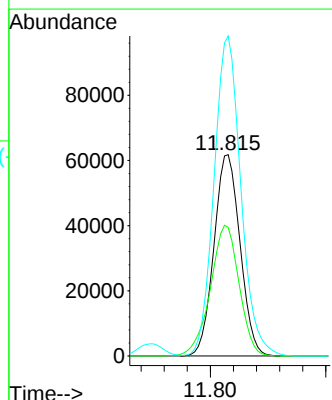
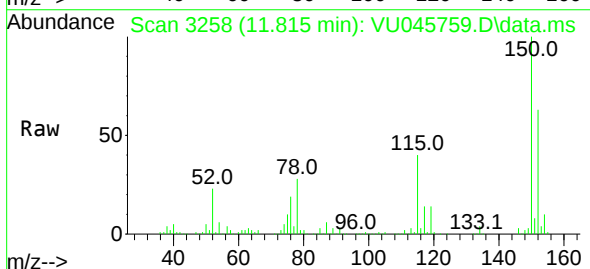
RT: 11.815 min Scan# 3258

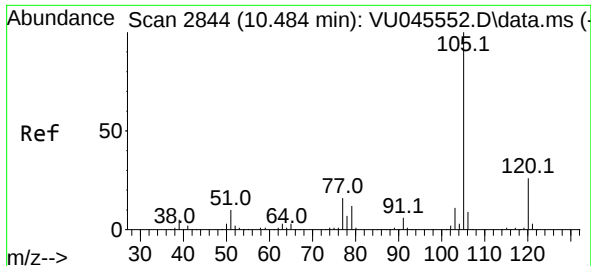
Delta R.T. 0.003 min

Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

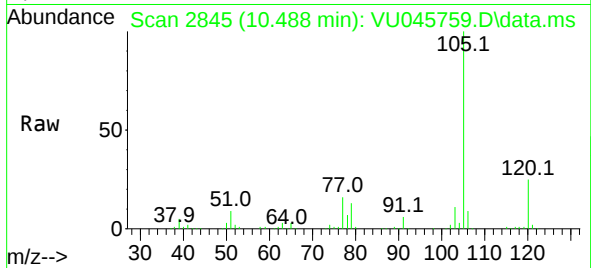
Tgt Ion:152 Resp: 96894
 Ion Ratio Lower Upper
 152 100
 115 71.4 42.7 128.1
 150 163.6 0.0 346.8





#73
Isopropylbenzene
Concen: 20.247 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

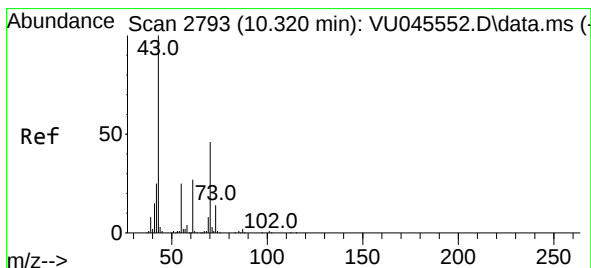
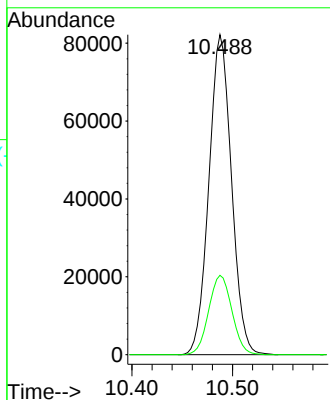
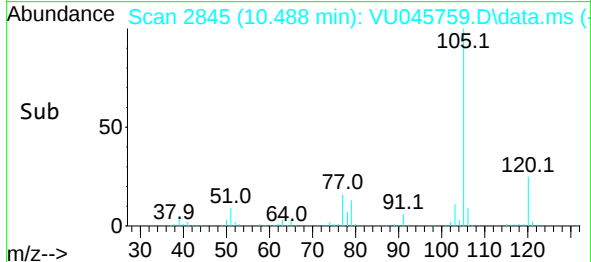
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01



Tgt Ion:105 Resp: 128180
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.6

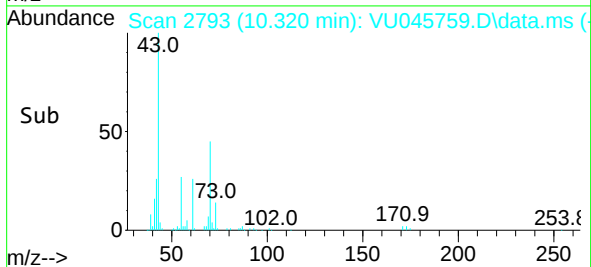
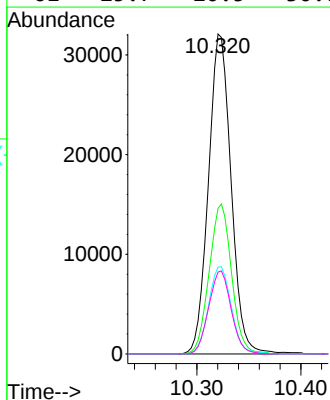
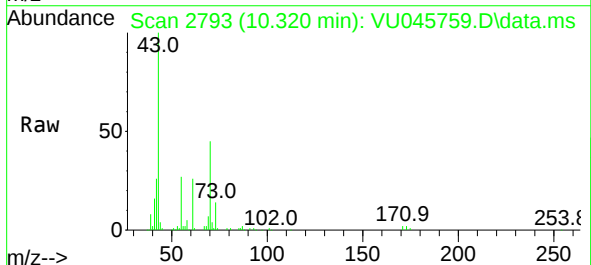
Manual Integrations
APPROVED

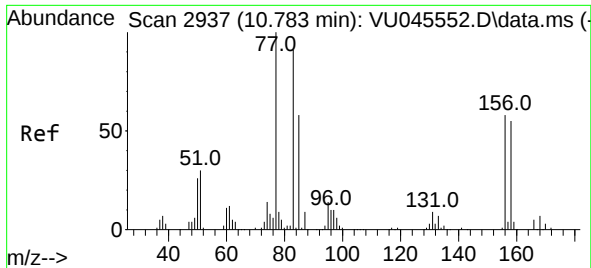
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#74
N-ethyl acetate
Concen: 17.000 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

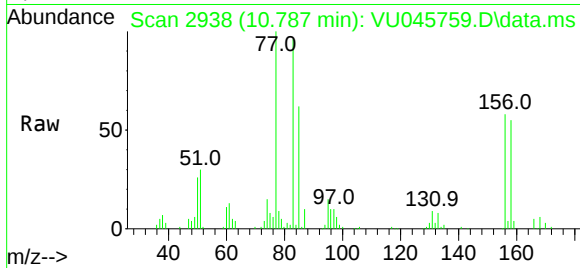
Tgt Ion: 43 Resp: 48552
Ion Ratio Lower Upper
43 100
70 46.4 36.9 55.3
55 27.5 20.6 31.0
61 25.7 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.916 ug/l
RT: 10.787 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

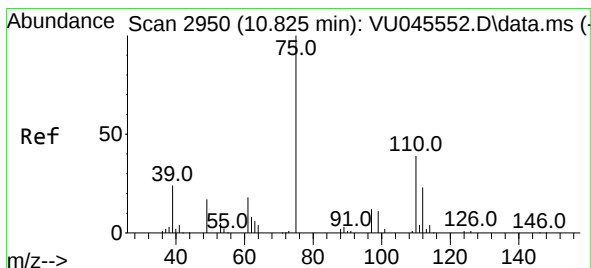
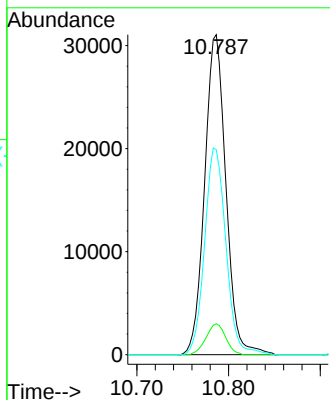
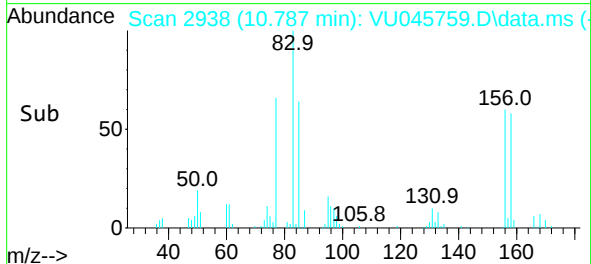
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01



Tgt Ion: 83 Resp: 49950
Ion Ratio Lower Upper
83 100
131 8.9 4.4 13.2
85 64.7 31.9 95.9

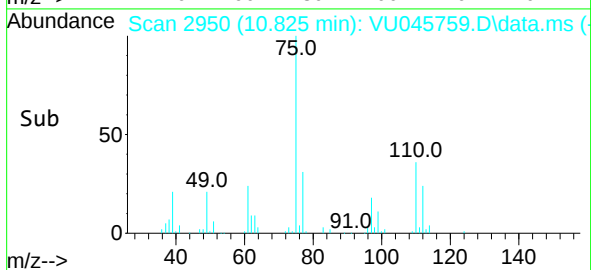
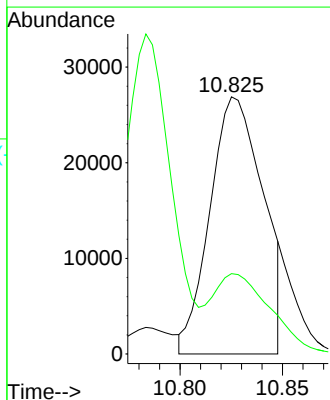
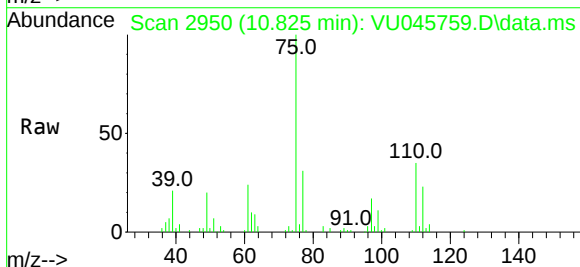
Manual Integrations
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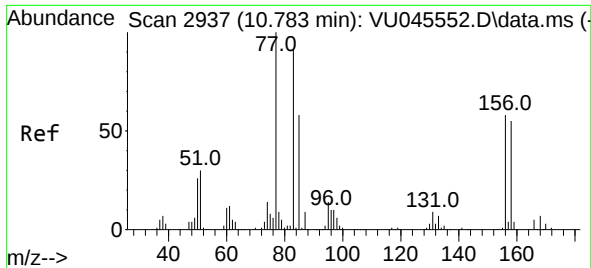
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#76
1,2,3-Trichloropropane
Concen: 16.434 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

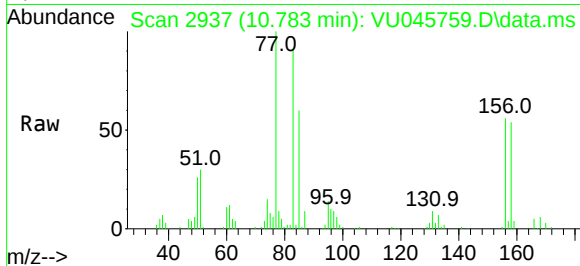
Tgt Ion: 75 Resp: 48289
Ion Ratio Lower Upper
75 100
77 33.1 17.1 51.3





#77
Bromobenzene
Concen: 19.624 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

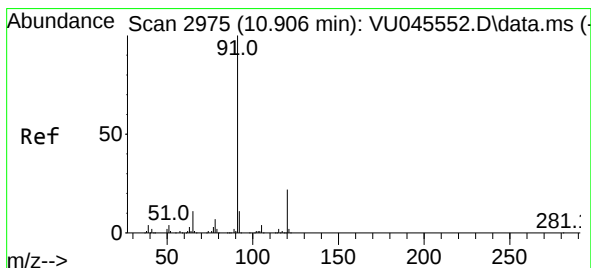
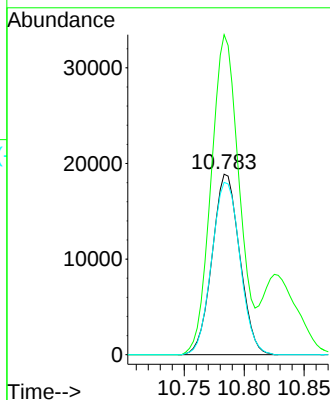
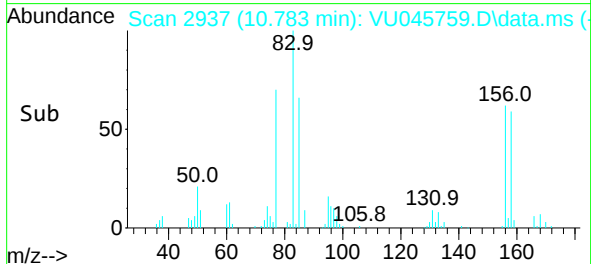
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01



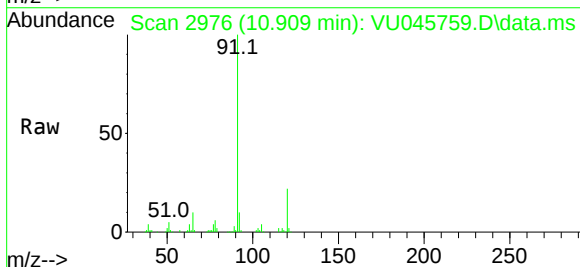
Tgt Ion:156 Resp: 3016
Ion Ratio Lower Upper
156 100
77 179.0 91.1 273.4
158 97.9 47.9 143.6

Manual Integrations
APPROVED

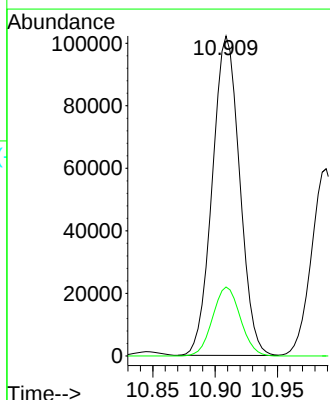
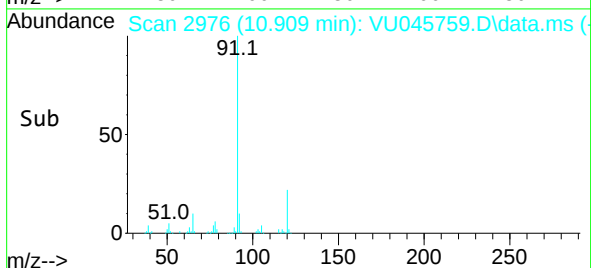
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

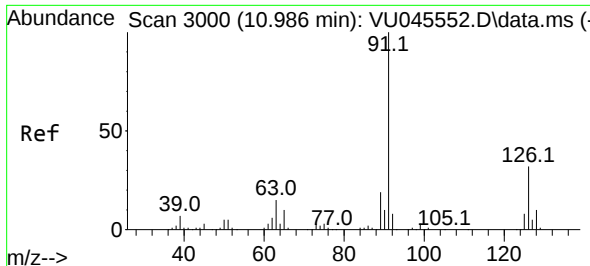


#78
n-propylbenzene
Concen: 19.790 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16



Tgt Ion: 91 Resp: 155939
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.7





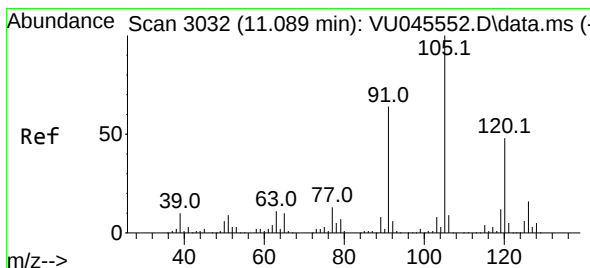
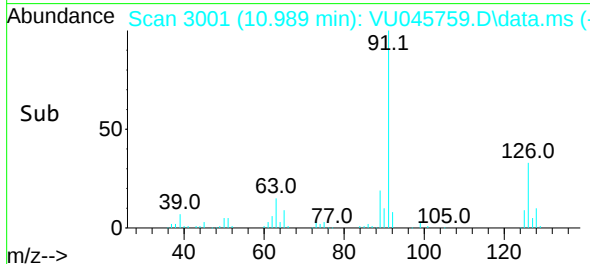
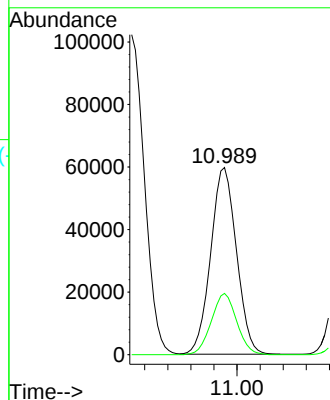
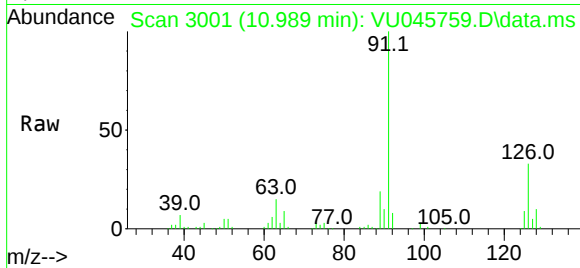
#79
2-Chlorotoluene
Concen: 19.912 ug/l
RT: 10.989 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

Tgt Ion: 91 Resp: 92690
Ion Ratio Lower Upper
91 100
126 32.3 15.6 46.8

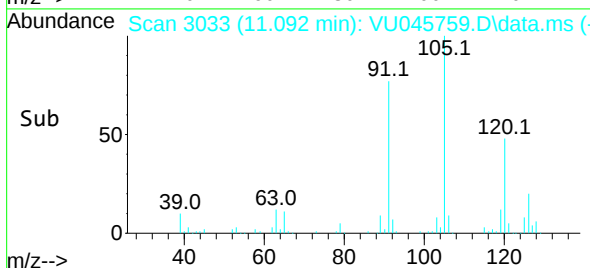
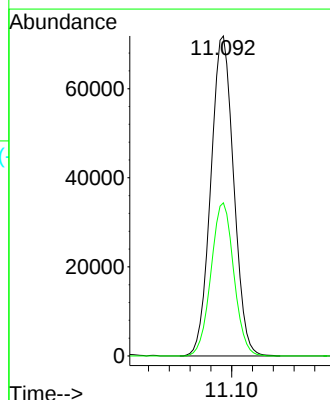
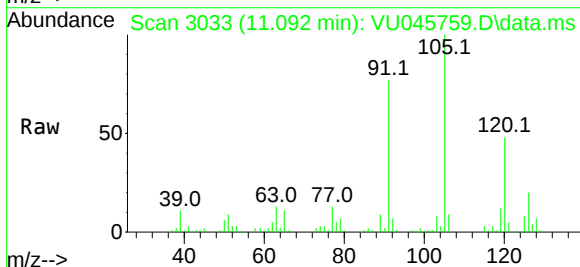
Manual Integrations
APPROVED

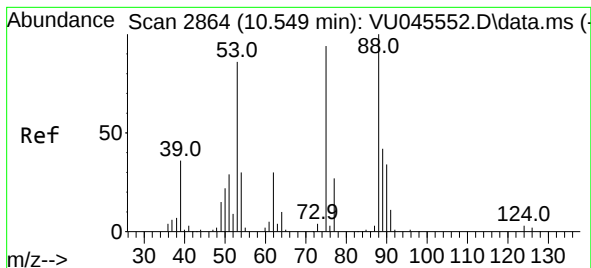
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#80
1,3,5-Trimethylbenzene
Concen: 19.836 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

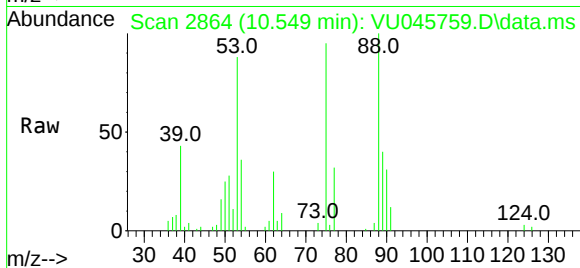
Tgt Ion:105 Resp: 109722
Ion Ratio Lower Upper
105 100
120 47.8 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 17.295 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

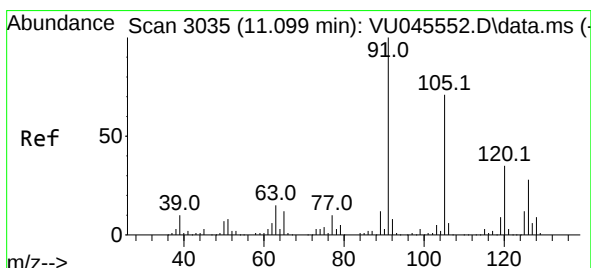
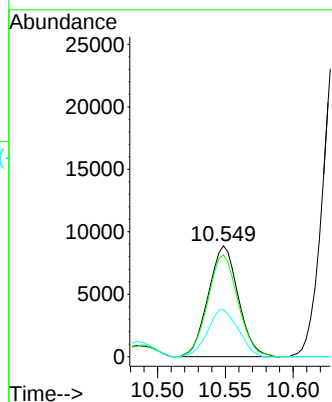
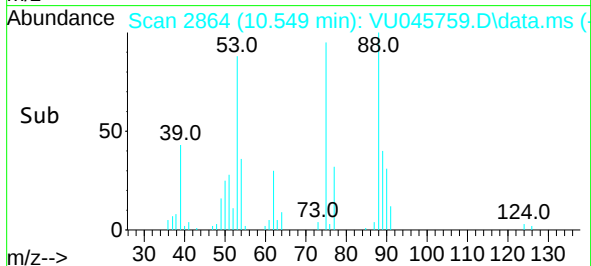
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01



Tgt Ion: 75 Resp: 13640
Ion Ratio Lower Upper
75 100
53 92.5 76.2 114.4
89 43.5 34.0 51.0

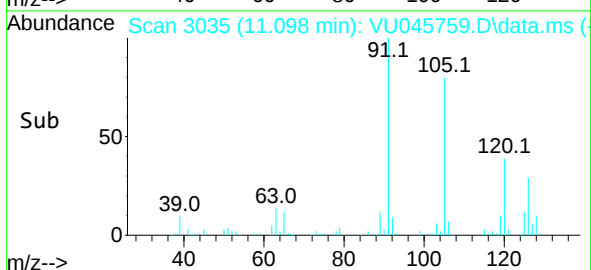
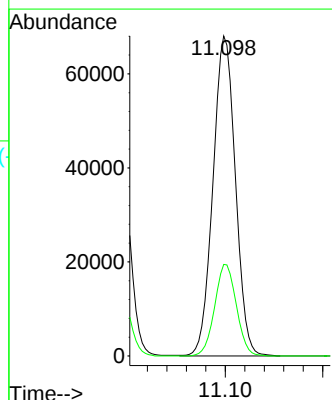
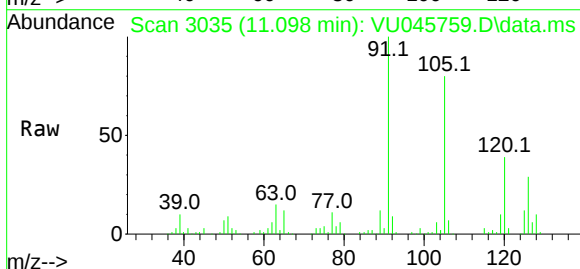
Manual Integrations
APPROVED

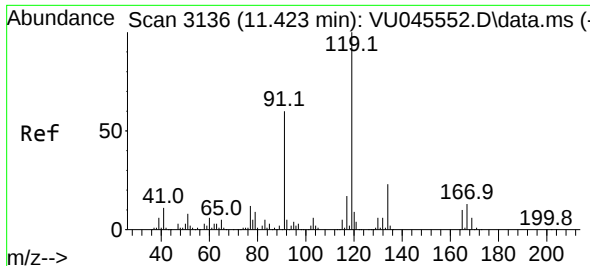
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#82
4-Chlorotoluene
Concen: 19.925 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

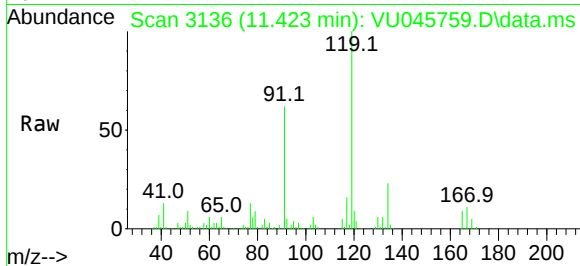
Tgt Ion: 91 Resp: 108784
Ion Ratio Lower Upper
91 100
126 27.6 13.8 41.4





#83
tert-Butylbenzene
Concen: 19.682 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

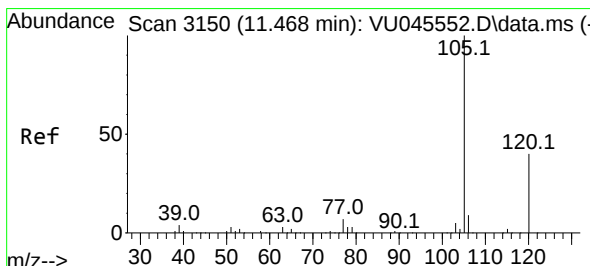
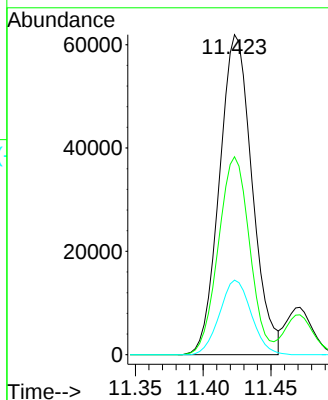
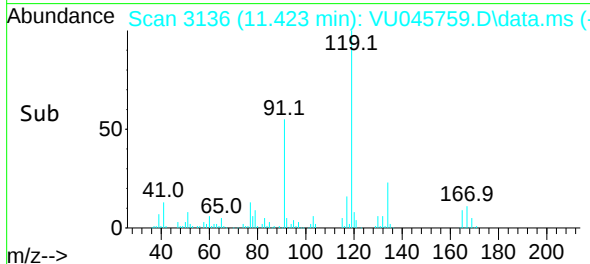
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01



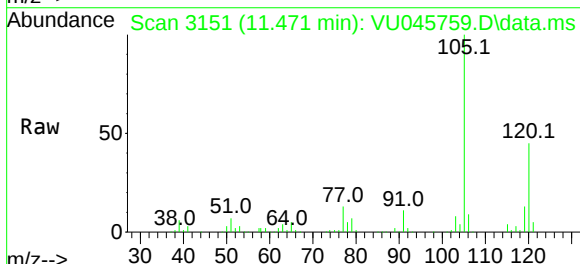
Tgt Ion:119 Resp: 10378
Ion Ratio Lower Upper
119 100
91 59.5 30.5 91.5
134 22.6 11.5 34.5

Manual Integrations
APPROVED

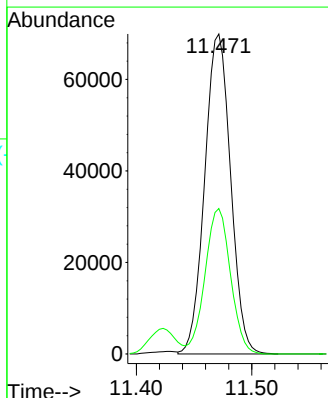
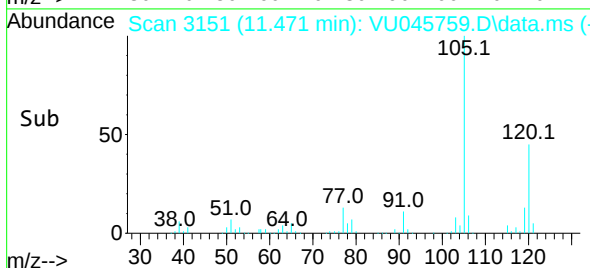
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

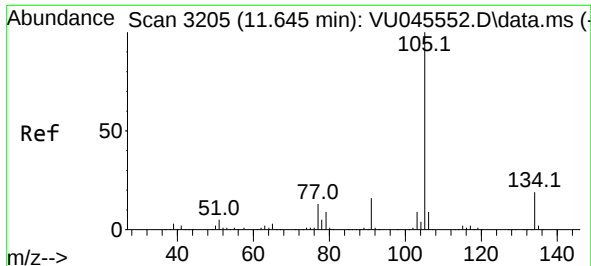


#84
1,2,4-Trimethylbenzene
Concen: 19.839 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16



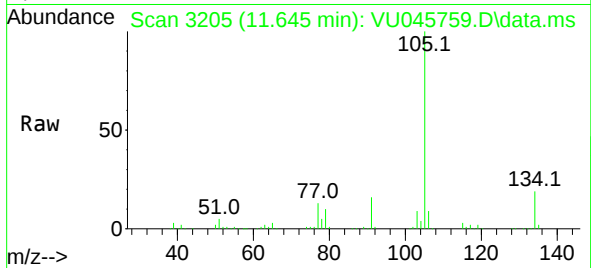
Tgt Ion:105 Resp: 109063
Ion Ratio Lower Upper
105 100
120 44.7 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 19.887 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU045759.D
 Acq: 12 Nov 2021 11:16

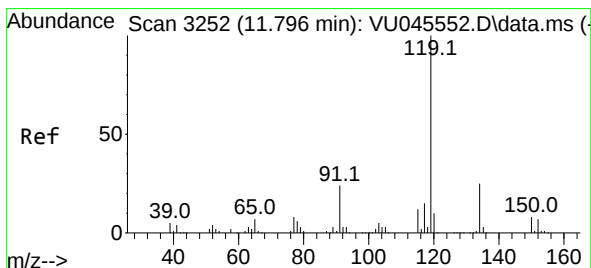
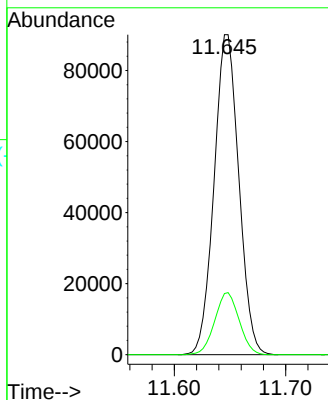
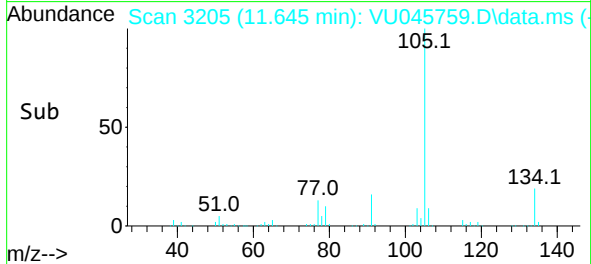
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBS01



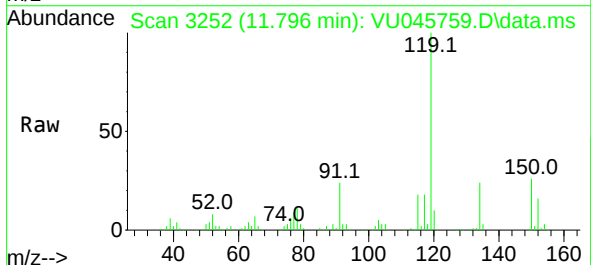
Tgt Ion:105 Resp: 139074
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.4 28.3

Manual Integrations
 APPROVED

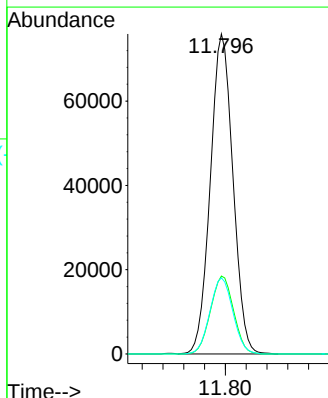
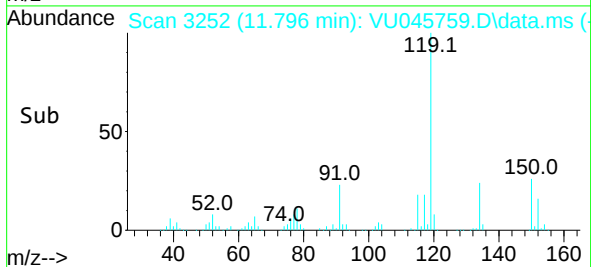
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/16/2021

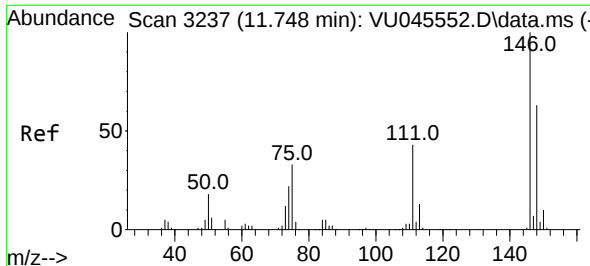


#86
 p-Isopropyltoluene
 Concen: 19.647 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. -0.000 min
 Lab File: VU045759.D
 Acq: 12 Nov 2021 11:16



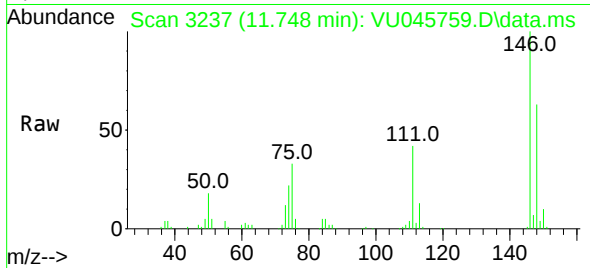
Tgt Ion:119 Resp: 114813
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.7 38.1
 91 24.1 12.2 36.4





#87
1,3-Dichlorobenzene
Concen: 19.156 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

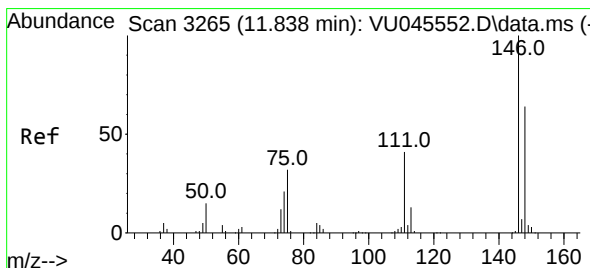
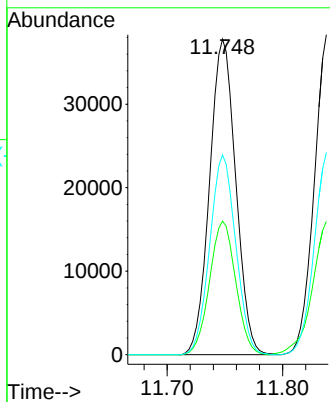
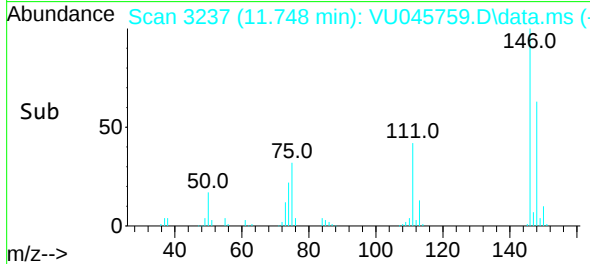
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01



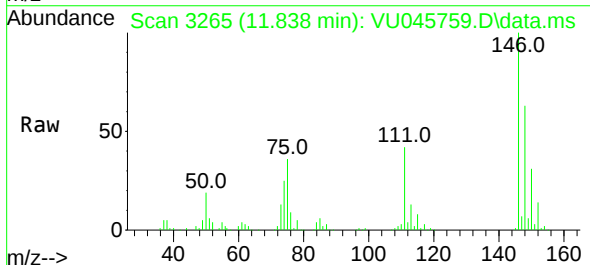
Tgt Ion:146 Resp: 5941
Ion Ratio Lower Upper
146 100
111 42.3 21.3 63.9
148 63.0 31.7 95.1

Manual Integrations
APPROVED

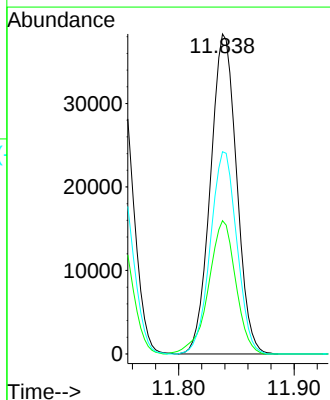
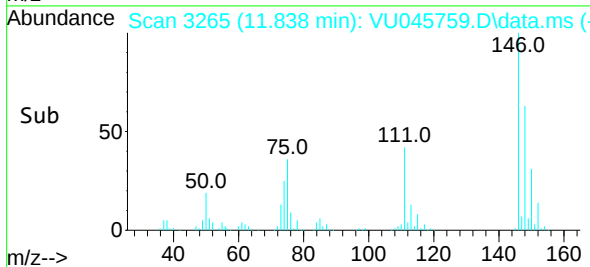
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

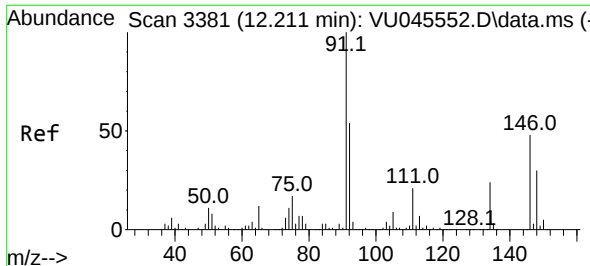


#88
1,4-Dichlorobenzene
Concen: 19.228 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16



Tgt Ion:146 Resp: 60312
Ion Ratio Lower Upper
146 100
111 43.2 20.6 61.9
148 64.0 31.9 95.7





#89

n-Butylbenzene

Concen: 18.030 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBS01

Tgt Ion: 91 Resp: 101490

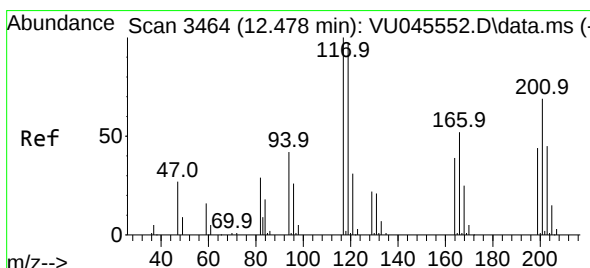
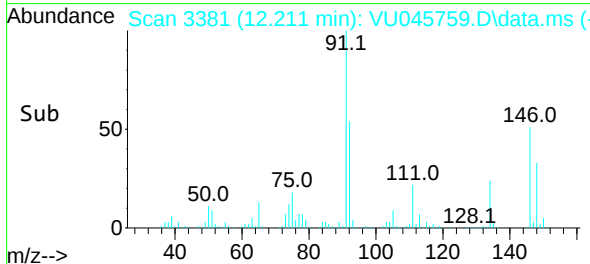
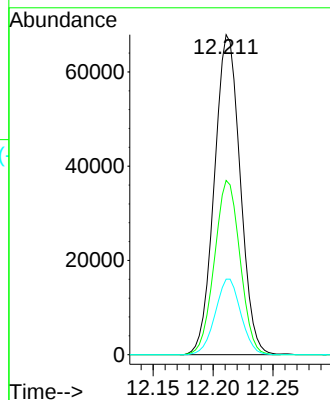
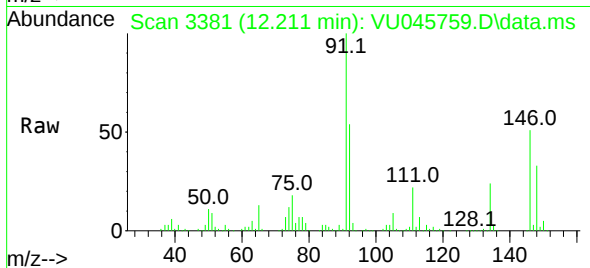
Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.1	81.2
134	23.4	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2021

Supervised By :Mahesh Dadoda 11/16/2021



#90

Hexachloroethane

Concen: 17.586 ug/l

RT: 12.478 min Scan# 3464

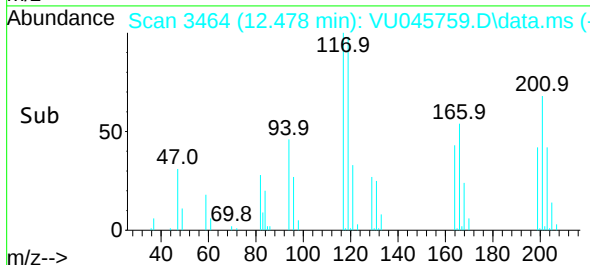
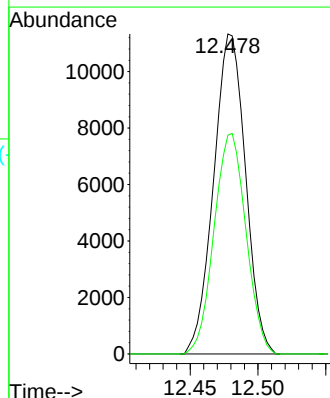
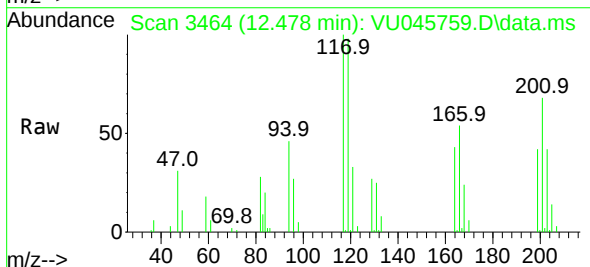
Delta R.T. -0.000 min

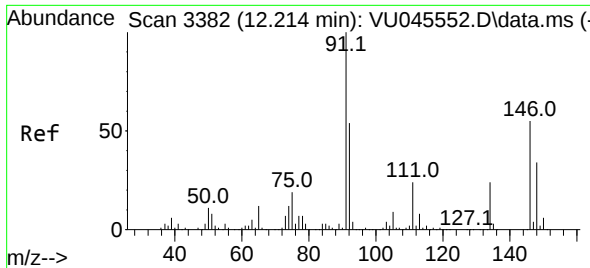
Lab File: VU045759.D

Acq: 12 Nov 2021 11:16

Tgt Ion:117 Resp: 18539

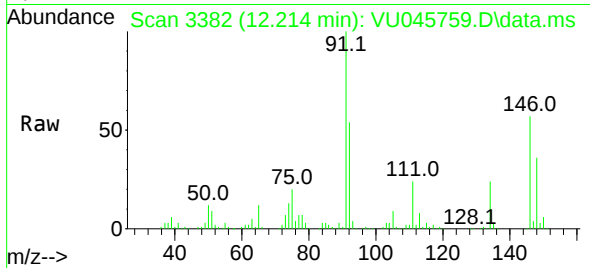
Ion	Ratio	Lower	Upper
117	100		
201	68.8	33.8	101.4





#91
1,2-Dichlorobenzene
Concen: 19.825 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

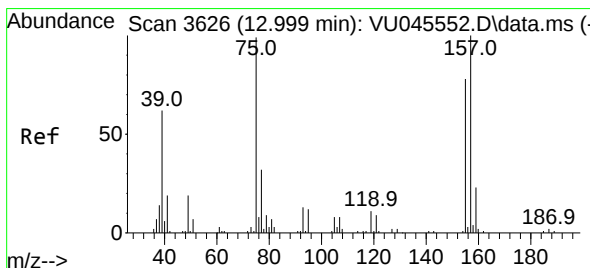
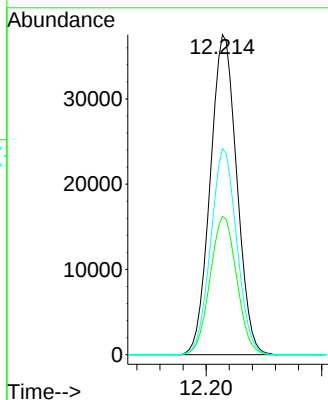
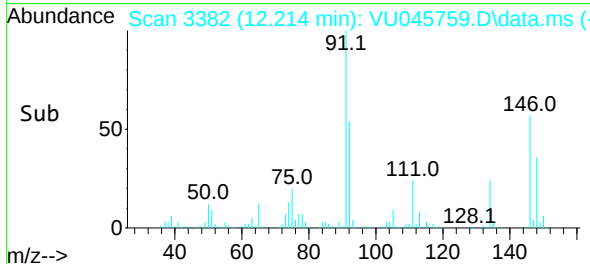
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01



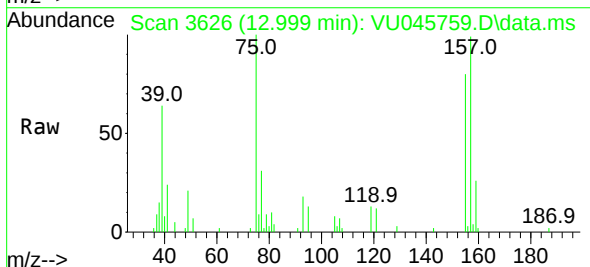
Tgt Ion:146 Resp: 59819
Ion Ratio Lower Upper
146 100
111 43.4 21.9 65.5
148 63.4 32.1 96.3

Manual Integrations
APPROVED

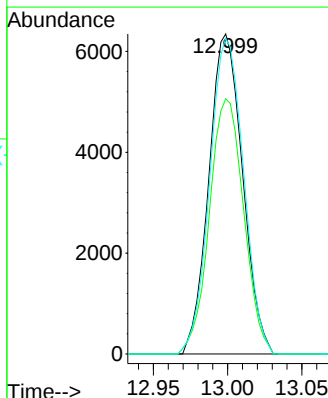
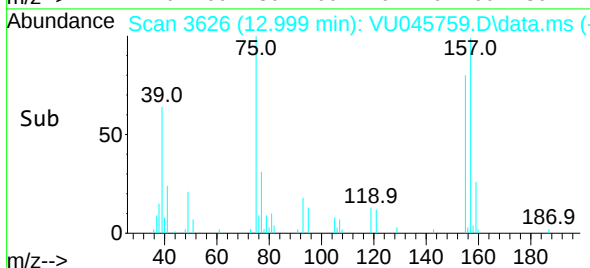
Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021

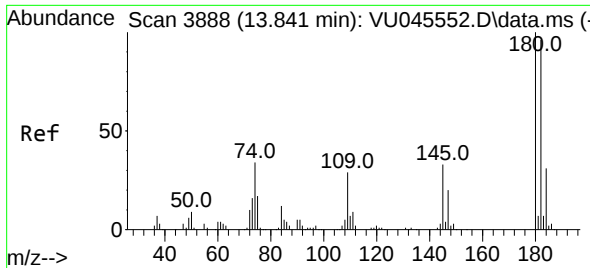


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.923 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16



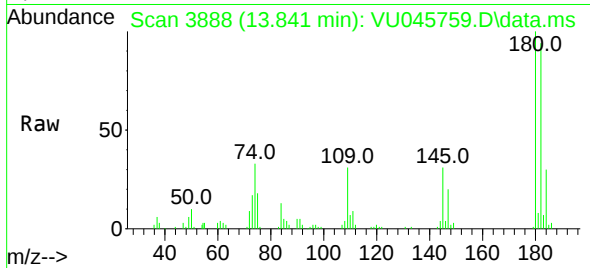
Tgt Ion: 75 Resp: 10016
Ion Ratio Lower Upper
75 100
155 81.0 37.8 113.3
157 99.2 48.4 145.2





#93
 1,2,4-Trichlorobenzene
 Concen: 17.401 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU045759.D
 Acq: 12 Nov 2021 11:16

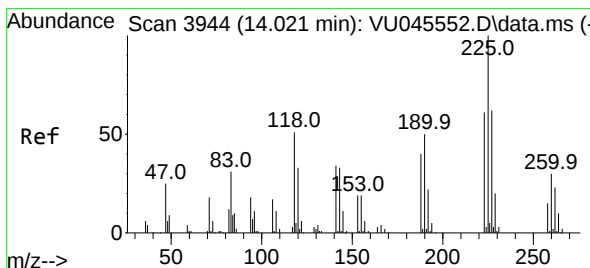
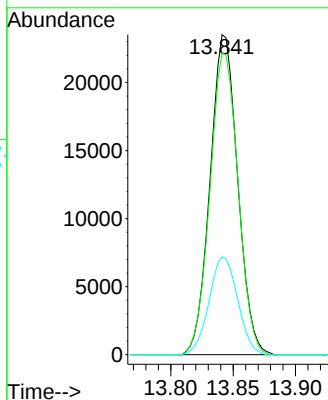
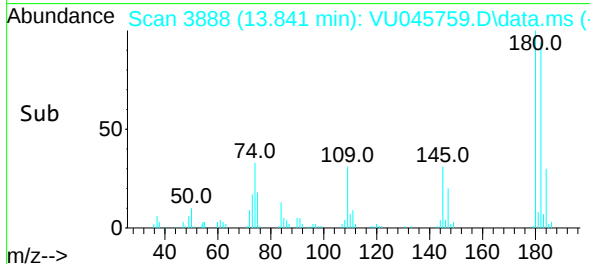
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBS01



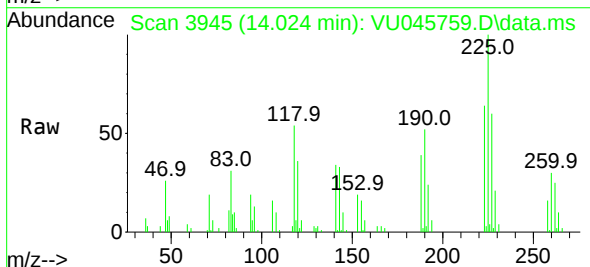
Tgt Ion:180 Resp: 36304
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.0 141.2
 145 31.7 15.6 46.7

Manual Integrations
 APPROVED

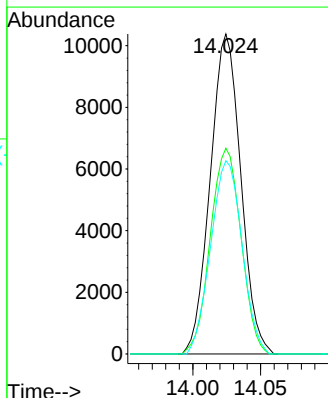
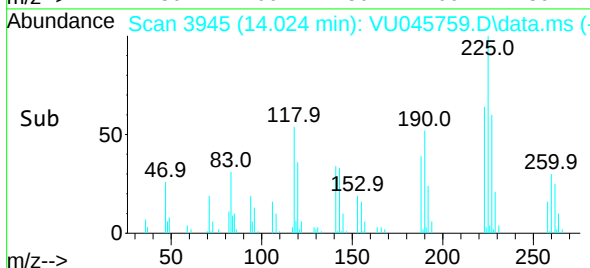
Reviewed By :John Carlone 11/15/2021
 Supervised By :Mahesh Dadoda 11/16/2021

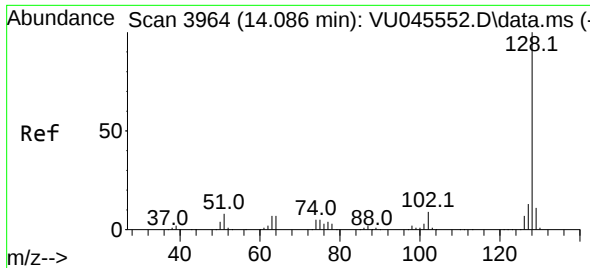


#94
 Hexachlorobutadiene
 Concen: 18.055 ug/l
 RT: 14.024 min Scan# 3945
 Delta R.T. 0.003 min
 Lab File: VU045759.D
 Acq: 12 Nov 2021 11:16



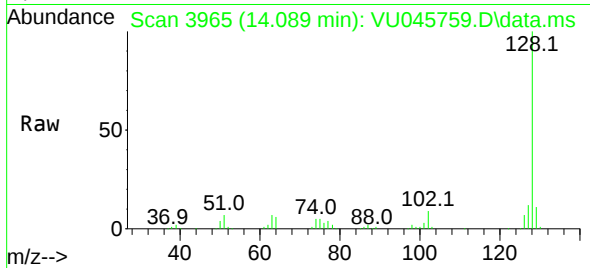
Tgt Ion:225 Resp: 16260
 Ion Ratio Lower Upper
 225 100
 223 64.5 32.0 96.2
 227 61.9 31.1 93.5





#95
Naphthalene
Concen: 16.948 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16

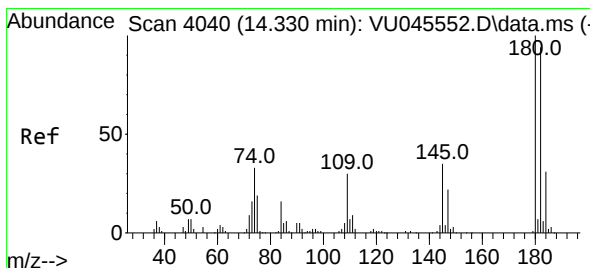
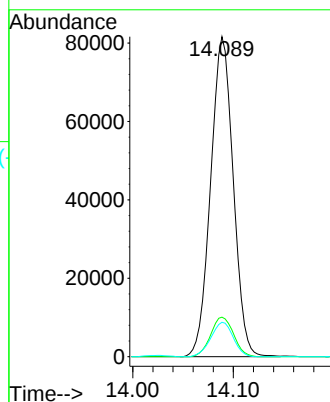
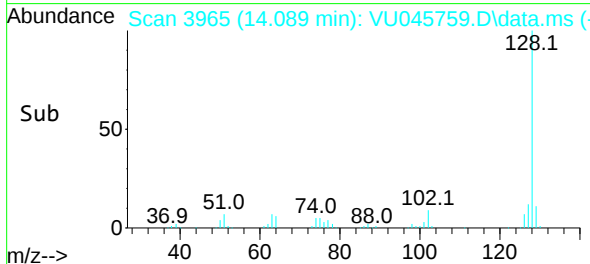
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01



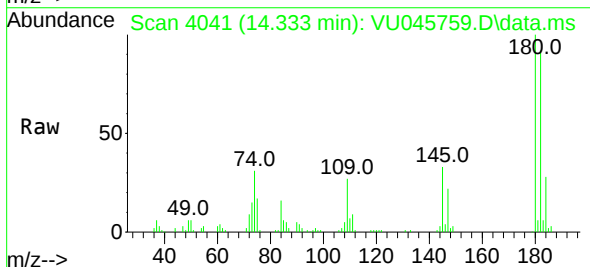
Tgt Ion:128 Resp: 12748
Ion Ratio Lower Upper
128 100
127 12.5 10.6 15.8
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/16/2021



#96
1,2,3-Trichlorobenzene
Concen: 18.843 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU045759.D
Acq: 12 Nov 2021 11:16



Tgt Ion:180 Resp: 39048
Ion Ratio Lower Upper
180 100
182 95.4 47.7 143.1
145 34.4 16.7 50.0

