

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045578.D
 Acq On : 05 Nov 2021 23:28
 Operator : SY/MD
 Sample : VU1105WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS02

Quant Time: Nov 06 21:48:48 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 11/08/2021
 Supervised By : Mahesh Dadoda 11/08/2021

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	132717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	236205	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	232829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	117847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	106040	53.351	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.700%			
35) Dibromofluoromethane	5.292	113	81470	51.661	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.320%			
50) Toluene-d8	7.899	98	308364	52.585	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.160%			
62) 4-Bromofluorobenzene	10.632	95	118682	50.471	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	36317	21.105	ug/l	99
3) Chloromethane	1.523	50	40755	20.700	ug/l	99
4) Vinyl Chloride	1.607	62	41161	21.462	ug/l	100
5) Bromomethane	1.851	94	25826	24.142	ug/l	98
6) Chloroethane	1.935	64	25692	20.527	ug/l	98
7) Trichlorofluoromethane	2.141	101	53056	20.920	ug/l	100
8) Diethyl Ether	2.379	74	21408	21.325	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	30478	20.581	ug/l	97
10) Methyl Iodide	2.726	142	36453	18.810	ug/l	94
11) Tert butyl alcohol	3.173	59	45501	115.659	ug/l	99
12) 1,1-Dichloroethene	2.581	96	29602	20.274	ug/l	99
13) Acrolein	2.485	56	7325	128.486	ug/l	100
14) Allyl chloride	2.925	41	54884	21.051	ug/l	99
15) Acrylonitrile	3.314	53	113072	107.651	ug/l	99
16) Acetone	2.626	43	92654	91.575	ug/l	100
17) Carbon Disulfide	2.797	76	82355	20.137	ug/l	100
18) Methyl Acetate	2.948	43	75836	22.006	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	111232	21.163	ug/l	100
20) Methylene Chloride	3.051	84	36106	20.538	ug/l	96
21) trans-1,2-Dichloroethene	3.356	96	32986	21.715	ug/l	100
22) Diisopropyl ether	3.996	45	113198	22.113	ug/l	96
23) Vinyl Acetate	3.957	43	421384	107.026	ug/l	100
24) 1,1-Dichloroethane	3.874	63	66171	21.691	ug/l	99
25) 2-Butanone	4.700	43	148325	105.697	ug/l	100
26) 2,2-Dichloropropane	4.668	77	48213	19.073	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	38058	21.331	ug/l	99
28) Bromochloromethane	4.977	49	29982	20.616	ug/l	95
29) Tetrahydrofuran	5.050	42	94211	109.755	ug/l	99
30) Chloroform	5.092	83	65087	21.573	ug/l	95
31) Cyclohexane	5.391	56	59855	20.639	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	55698	21.649	ug/l	97
36) 1,1-Dichloropropene	5.530	75	48161	20.911	ug/l	99
37) Ethyl Acetate	4.806	43	55083	20.820	ug/l	99
38) Carbon Tetrachloride	5.526	117	46880	20.190	ug/l	99
39) Methylcyclohexane	6.767	83	56719	20.074	ug/l	96
40) Benzene	5.777	78	141055	20.686	ug/l	99

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	30438	21.770	ug/l	99
42) 1,2-Dichloroethane	5.796	62	52300	21.234	ug/l	99
43) Isopropyl Acetate	5.912	43	84401	20.857	ug/l	100
44) Trichloroethene	6.546	130	33971	20.813	ug/l	96
45) 1,2-Dichloropropane	6.793	63	38470	21.322	ug/l	98
46) Dibromomethane	6.922	93	26176	20.938	ug/l	100
47) Bromodichloromethane	7.108	83	49451	20.847	ug/l	95
48) Methyl methacrylate	6.960	41	39361	21.133	ug/l	97
49) 1,4-Dioxane	6.964	88	21585	450.637	ug/l #	93
51) 4-Methyl-2-Pentanone	7.793	43	282332	105.765	ug/l	99
52) Toluene	7.973	92	88624	21.229	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	55409	20.325	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	58641	20.252	ug/l	95
55) 1,1,2-Trichloroethane	8.404	97	35513	20.525	ug/l	95
56) Ethyl methacrylate	8.333	69	57277	19.986	ug/l	98
57) 1,3-Dichloropropane	8.578	76	65422	20.994	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	149852	94.077	ug/l	99
59) 2-Hexanone	8.684	43	216231	97.822	ug/l	99
60) Dibromochloromethane	8.812	129	37218	20.658	ug/l	99
61) 1,2-Dibromoethane	8.925	107	38841	20.931	ug/l	98
64) Tetrachloroethene	8.555	164	27835	20.829	ug/l	99
65) Chlorobenzene	9.449	112	92724	20.275	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	32669	20.029	ug/l	100
67) Ethyl Benzene	9.571	91	166764	20.362	ug/l	100
68) m/p-Xylenes	9.697	106	129599	41.958	ug/l	99
69) o-Xylene	10.102	106	63251	21.063	ug/l	98
70) Styrene	10.115	104	106298	20.924	ug/l	98
71) Bromoform	10.291	173	26901	19.436	ug/l #	99
73) Isopropylbenzene	10.488	105	164664	21.385	ug/l	100
74) N-amyl acetate	10.320	43	71091	20.466	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	62855	20.603	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	56984m	15.945	ug/l	
77) Bromobenzene	10.783	156	39071	20.899	ug/l	98
78) n-propylbenzene	10.906	91	203153	21.198	ug/l	100
79) 2-Chlorotoluene	10.986	91	117869	20.818	ug/l	97
80) 1,3,5-Trimethylbenzene	11.089	105	142891	21.240	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	18586	19.010	ug/l	97
82) 4-Chlorotoluene	11.098	91	140357	21.138	ug/l	100
83) tert-Butylbenzene	11.423	119	134099	20.910	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	143335	21.437	ug/l	99
85) sec-Butylbenzene	11.645	105	179349	21.087	ug/l	100
86) p-Isopropyltoluene	11.796	119	147425	20.742	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	75988	20.145	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	76319	20.005	ug/l	99
89) n-Butylbenzene	12.211	91	136679	19.963	ug/l	99
90) Hexachloroethane	12.478	117	25679	20.028	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	76499	20.845	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.999	75	14986	20.818	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	50957	20.082	ug/l	99
94) Hexachlorobutadiene	14.024	225	20500	18.716	ug/l	98
95) Naphthalene	14.089	128	179973	19.507	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	51382	20.387	ug/l	99

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MSVOA_U
ClientSampleId :
VU1105WBS02

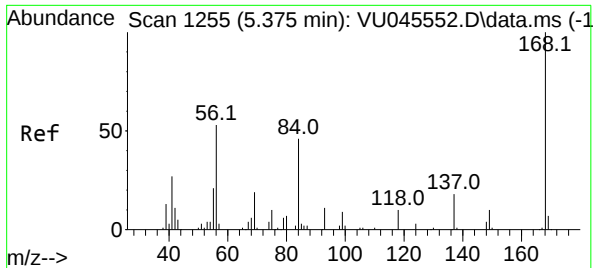
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

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



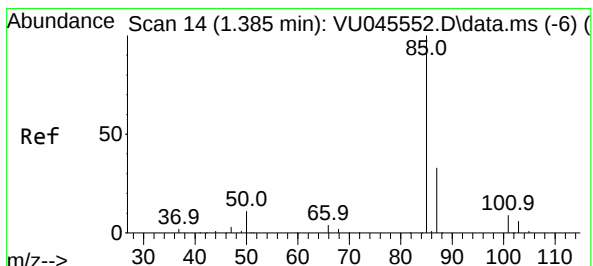
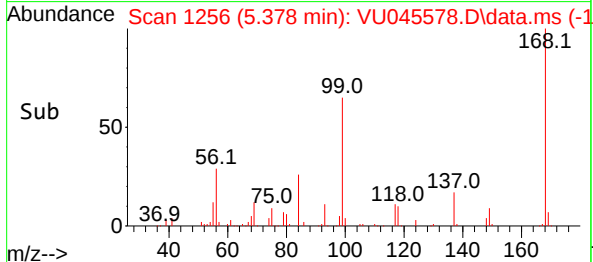
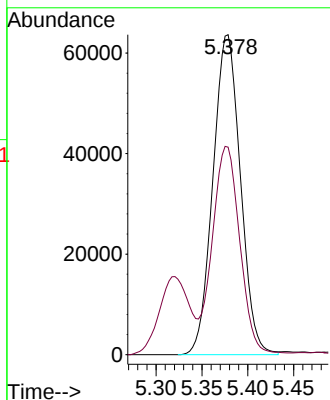
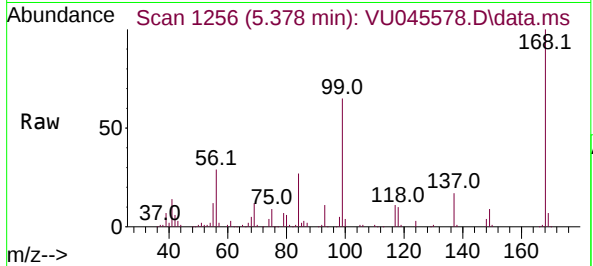
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 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.378 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VU045578.D
 Acq: 05 Nov 2021 23:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS02

Tgt Ion:168 Resp: 13271
 Ion Ratio Lower Upper
 168 100
 99 64.1 51.0 76.6

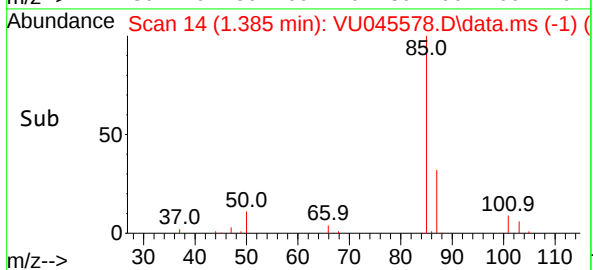
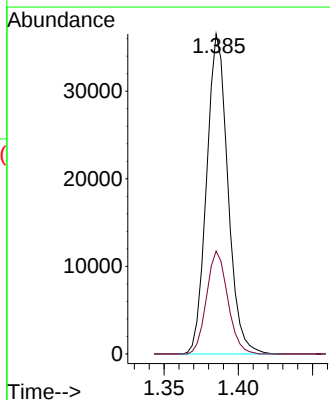
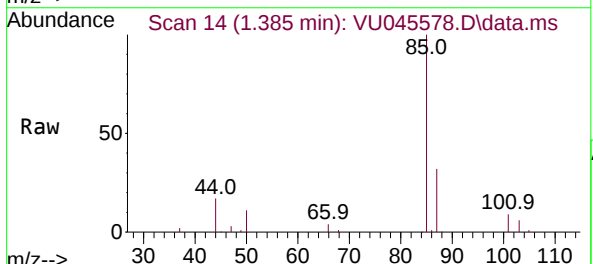
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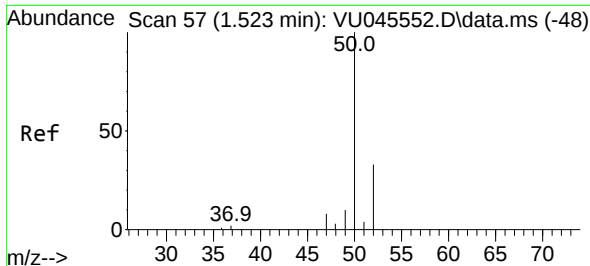
Reviewed By :John Carlone 11/08/2021
 Supervised By :Mahesh Dadoda 11/08/2021



#2
 Dichlorodifluoromethane
 Concen: 21.105 ug/l
 RT: 1.385 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VU045578.D
 Acq: 05 Nov 2021 23:28

Tgt Ion: 85 Resp: 36317
 Ion Ratio Lower Upper
 85 100
 87 32.1 15.9 47.7





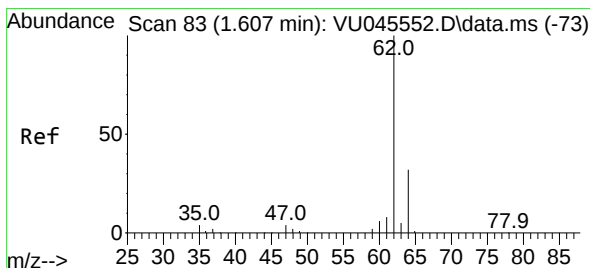
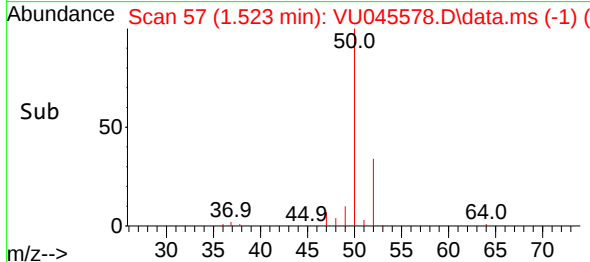
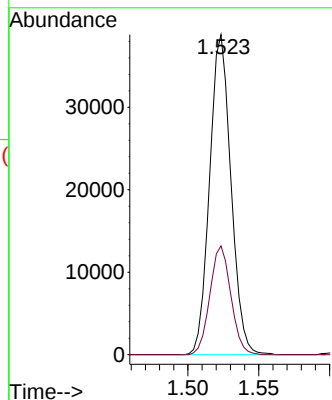
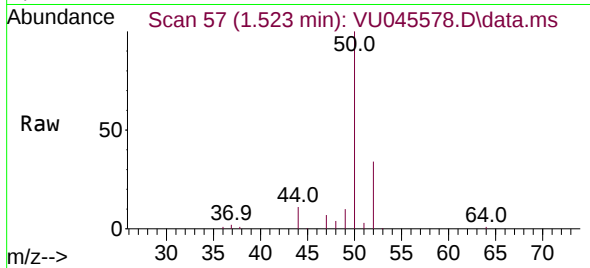
#3
Chloromethane
Concen: 20.700 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02

Tgt Ion: 50 Resp: 4075
Ion Ratio Lower Upper
50 100
52 34.0 26.6 40.0

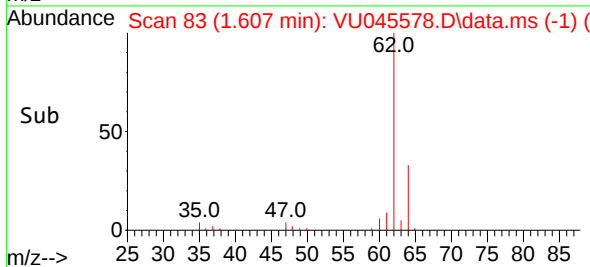
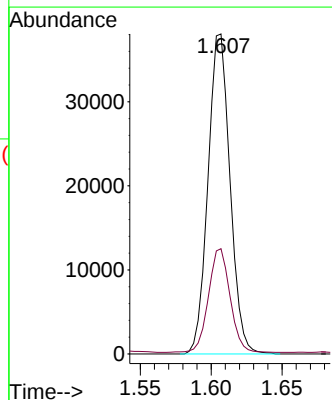
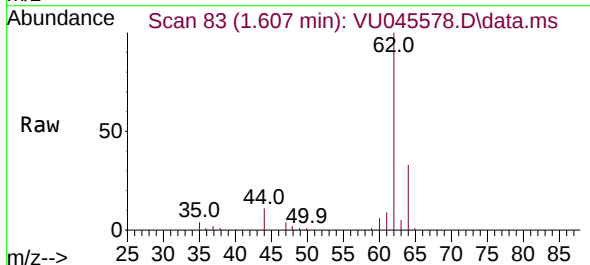
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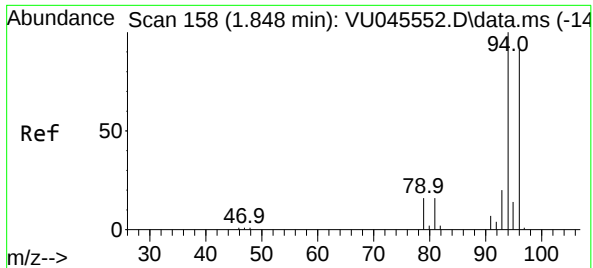
Reviewed By :John Carlone 11/08/2021
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#4
Vinyl Chloride
Concen: 21.462 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

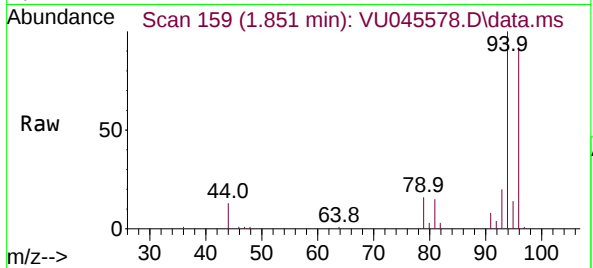
Tgt Ion: 62 Resp: 41161
Ion Ratio Lower Upper
62 100
64 32.4 25.8 38.6





#5
Bromomethane
Concen: 24.142 ug/l
RT: 1.851 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

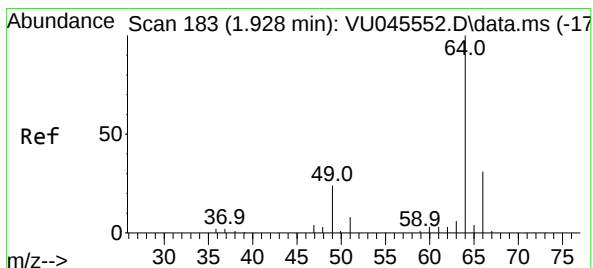
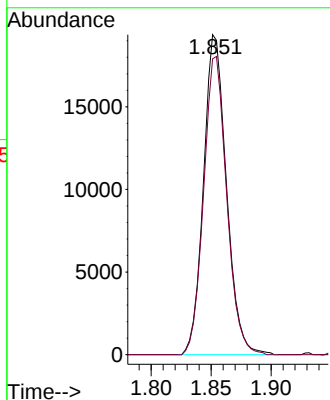
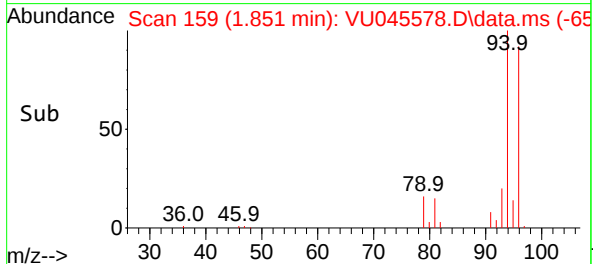
Instrument :
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Tgt Ion: 94 Resp: 25820
Ion Ratio Lower Upper
94 100
96 92.4 75.4 113.2

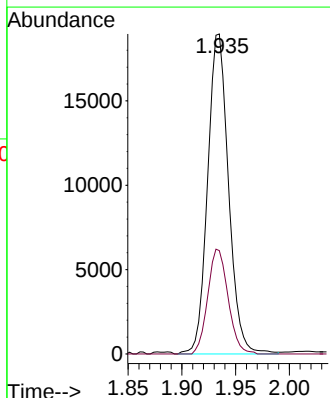
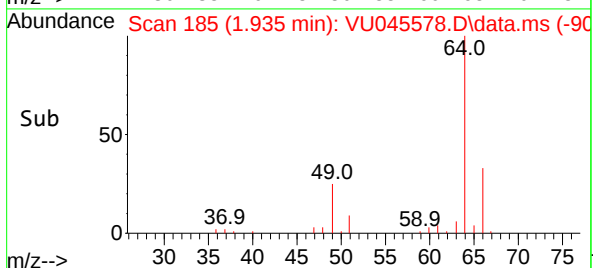
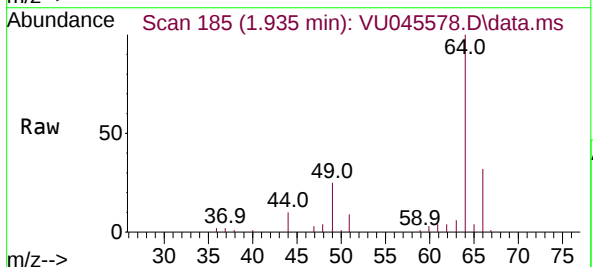
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#6
Chloroethane
Concen: 20.527 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.006 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

Tgt Ion: 64 Resp: 25692
Ion Ratio Lower Upper
64 100
66 32.3 26.7 40.1





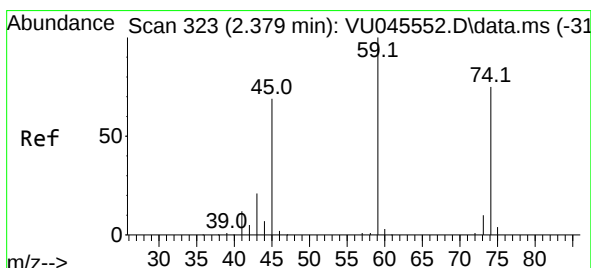
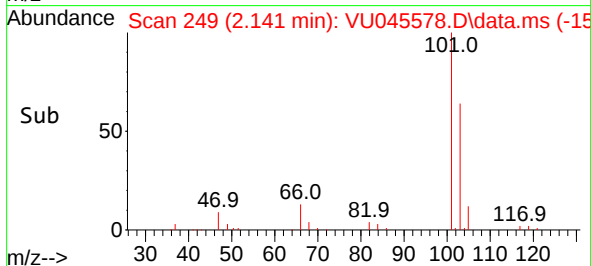
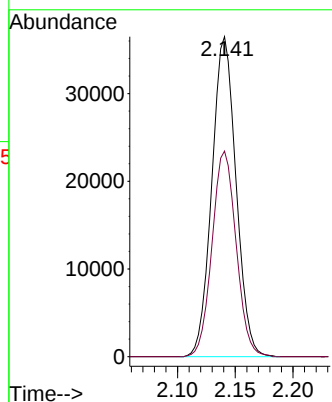
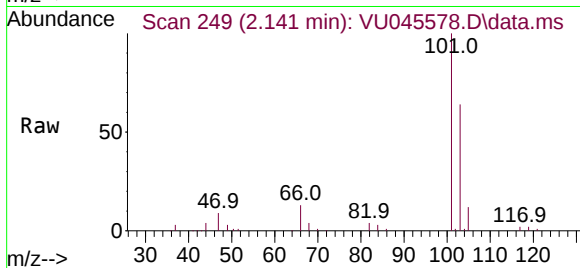
#7
Trichlorofluoromethane
Concen: 20.920 ug/l
RT: 2.141 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02

Tgt Ion:101 Resp: 53050
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

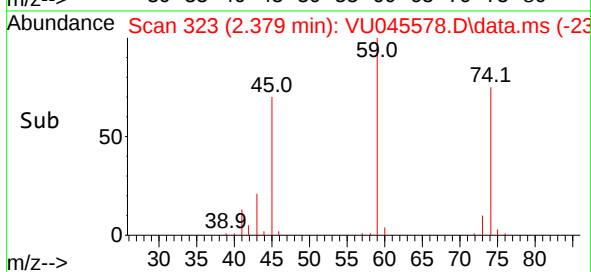
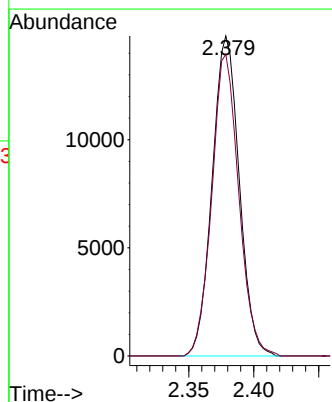
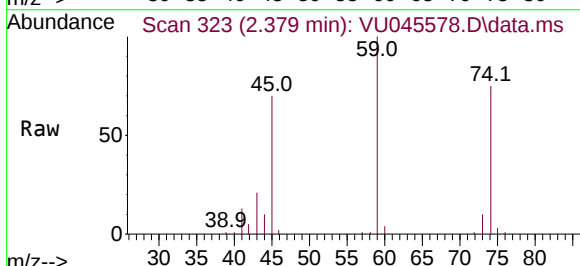
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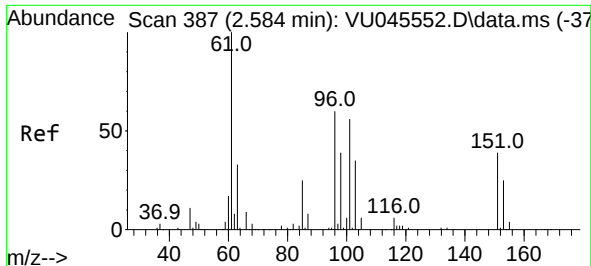
Reviewed By :John Carlone 11/08/2021
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#8
Diethyl Ether
Concen: 21.325 ug/l
RT: 2.379 min Scan# 323
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

Tgt Ion: 74 Resp: 21408
Ion Ratio Lower Upper
74 100
45 94.1 47.3 141.8





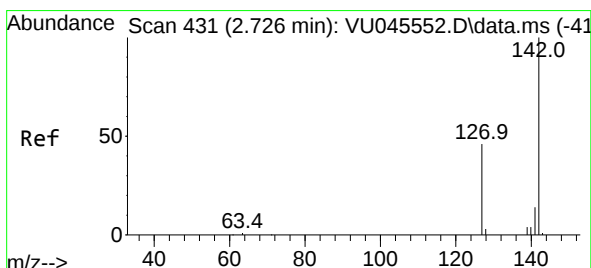
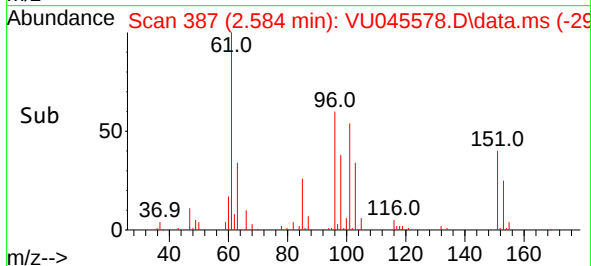
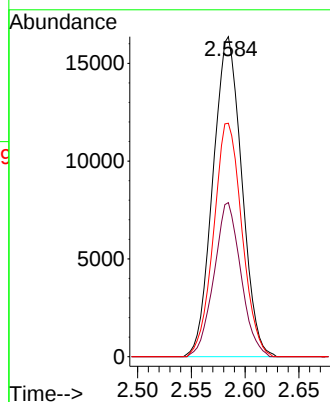
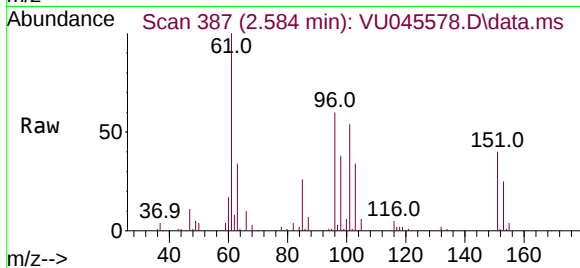
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1,1,2-Trichlorotrifluoroethane
Concen: 20.581 ug/l
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02

Tgt Ion:101 Resp: 30478
Ion Ratio Lower Upper
101 100
85 45.0 35.0 52.4
151 71.8 54.6 82.0

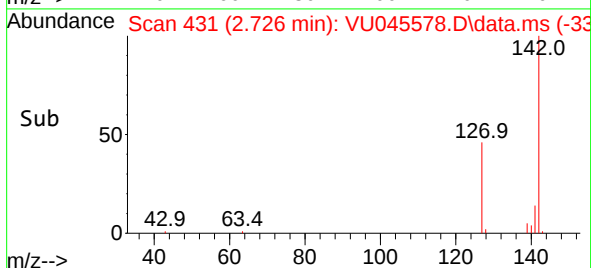
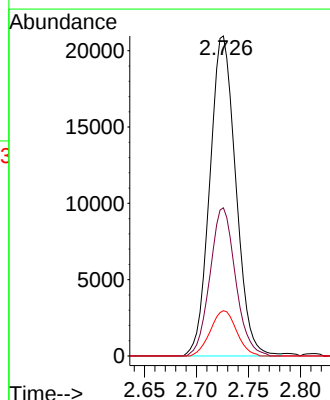
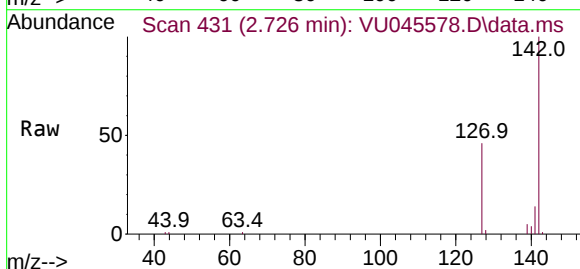
Manual Integrations
APPROVED

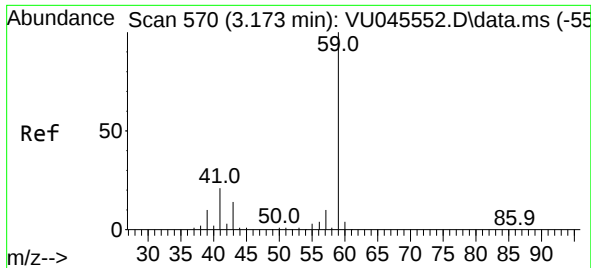
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#10
Methyl Iodide
Concen: 18.810 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

Tgt Ion:142 Resp: 36453
Ion Ratio Lower Upper
142 100
127 45.5 32.2 48.2
141 14.3 11.3 16.9





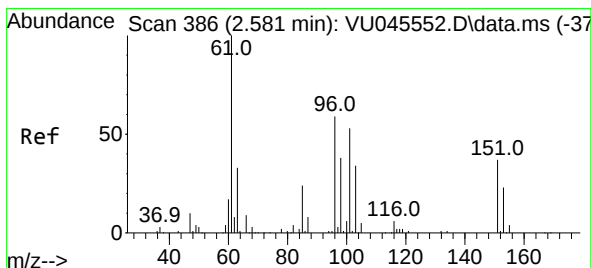
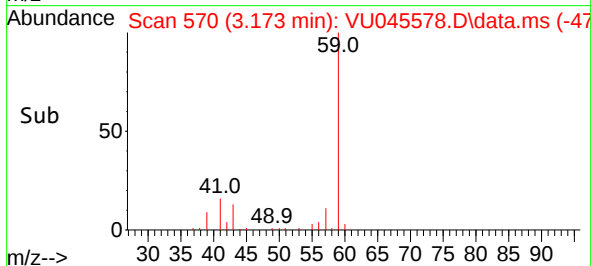
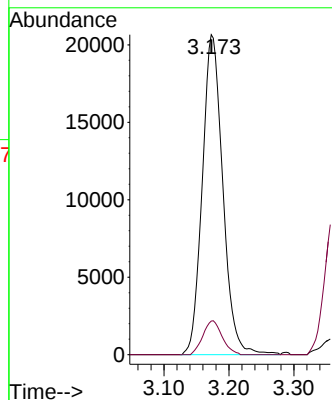
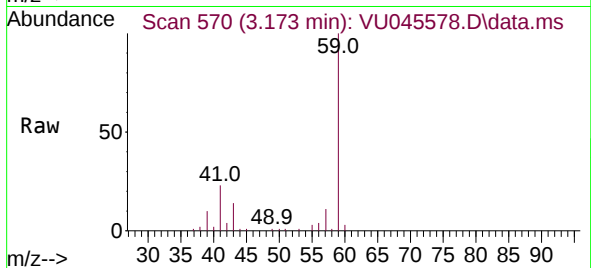
#11
Tert butyl alcohol
Concen: 115.659 ug/l
RT: 3.173 min Scan# 511
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02

Tgt Ion: 59 Resp: 4550
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5

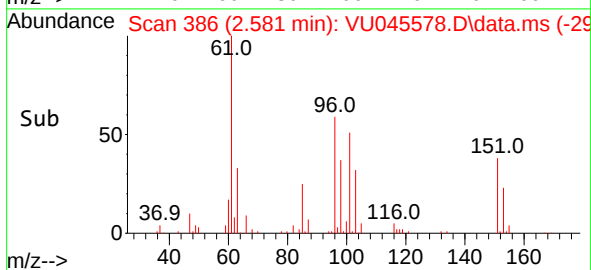
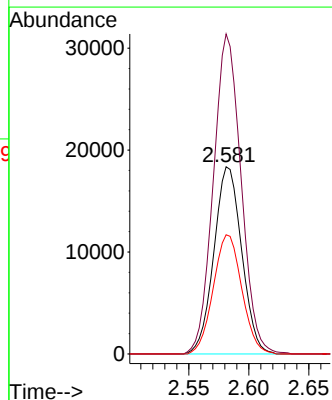
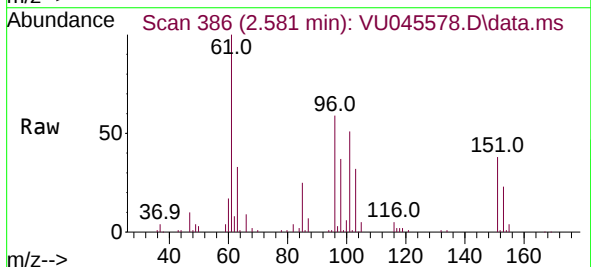
Manual Integrations
APPROVED

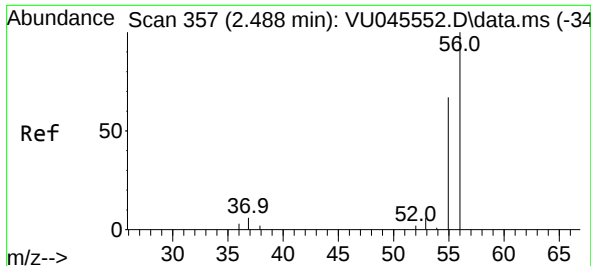
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#12
1,1-Dichloroethene
Concen: 20.274 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

Tgt Ion: 96 Resp: 29602
Ion Ratio Lower Upper
96 100
61 170.9 137.1 205.7
98 63.7 51.5 77.3





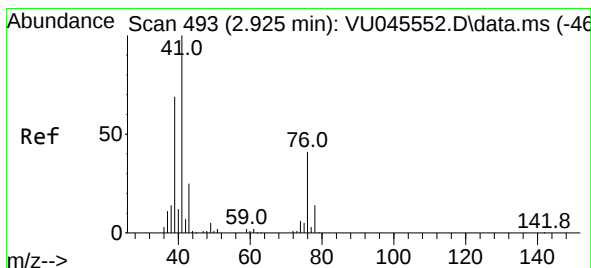
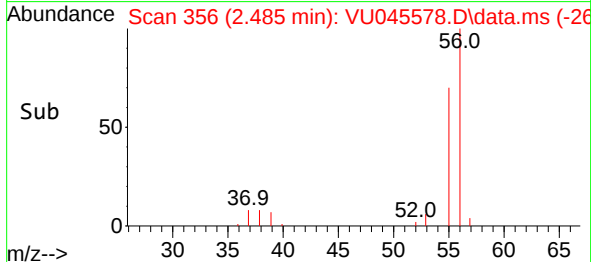
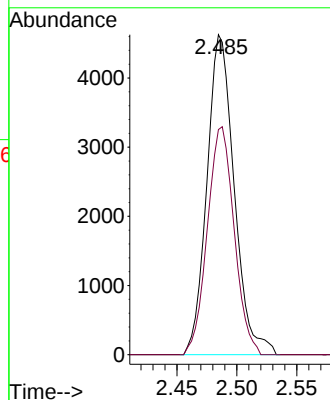
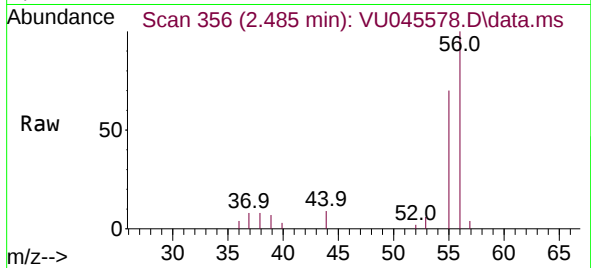
#13
Acrolein
Concen: 128.486 ug/l
RT: 2.485 min Scan# 356
Delta R.T. -0.003 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02

Tgt Ion: 56 Resp: 732
Ion Ratio Lower Upper
56 100
55 70.0 56.3 84.5

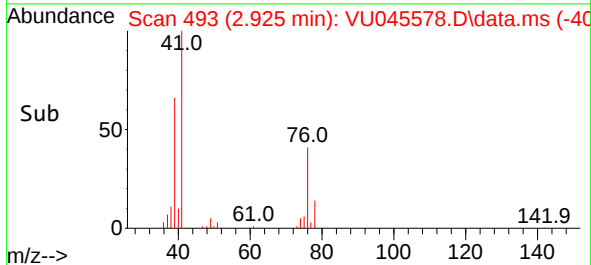
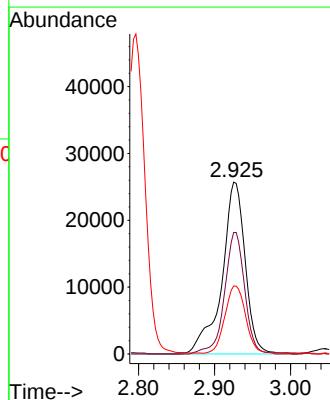
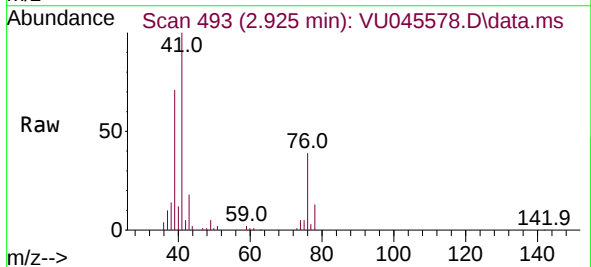
Manual Integrations
APPROVED

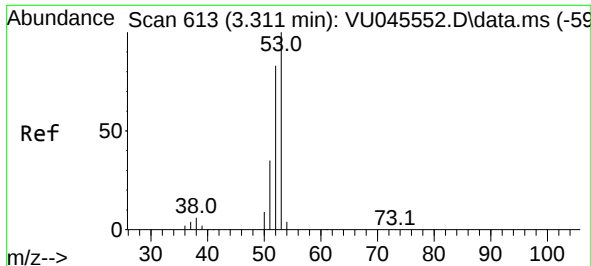
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#14
Allyl chloride
Concen: 21.051 ug/l
RT: 2.925 min Scan# 493
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

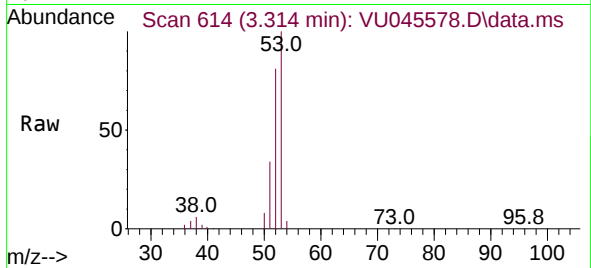
Tgt Ion: 41 Resp: 54884
Ion Ratio Lower Upper
41 100
39 60.8 49.7 74.5
76 34.8 27.7 41.5





#15
Acrylonitrile
Concen: 107.651 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

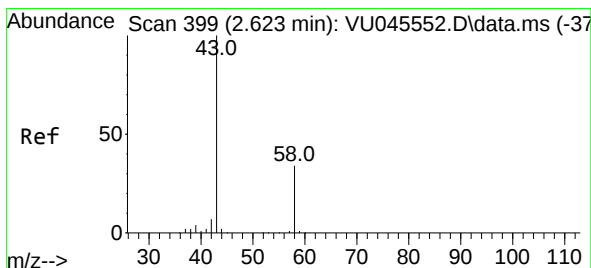
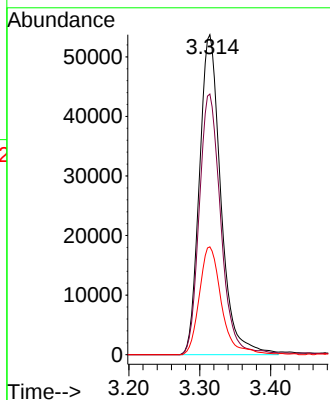
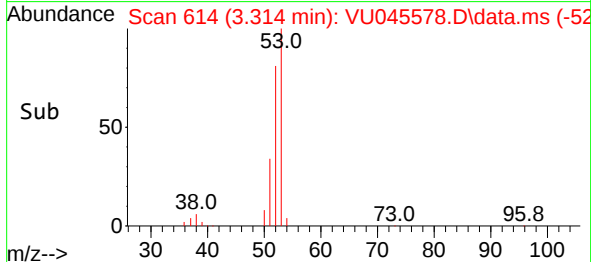
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02



Tgt Ion: 53 Resp: 113072
Ion Ratio Lower Upper
53 100
52 81.9 66.6 100.0
51 34.7 28.4 42.6

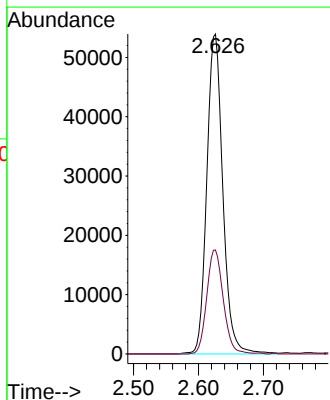
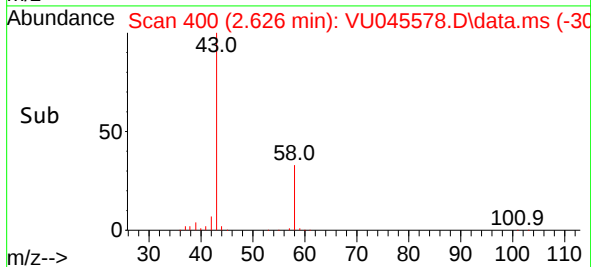
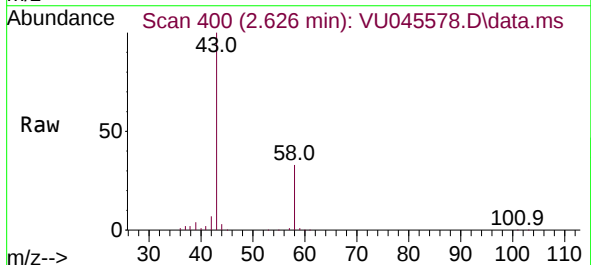
Manual Integrations
APPROVED

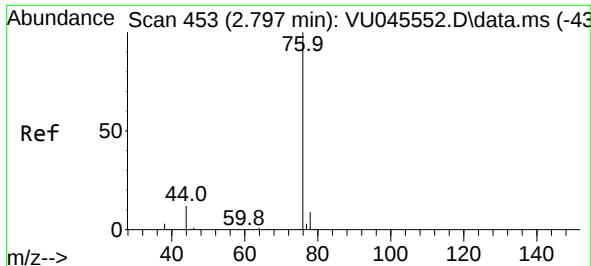
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#16
Acetone
Concen: 91.575 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

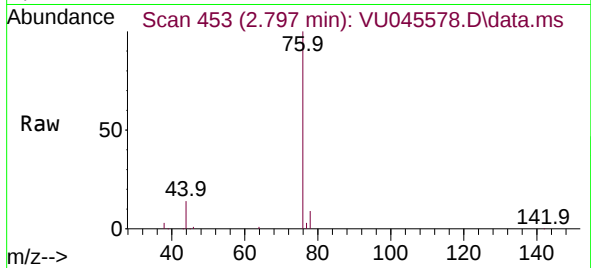
Tgt Ion: 43 Resp: 92654
Ion Ratio Lower Upper
43 100
58 32.5 26.2 39.2





#17
Carbon Disulfide
Concen: 20.137 ug/l
RT: 2.797 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

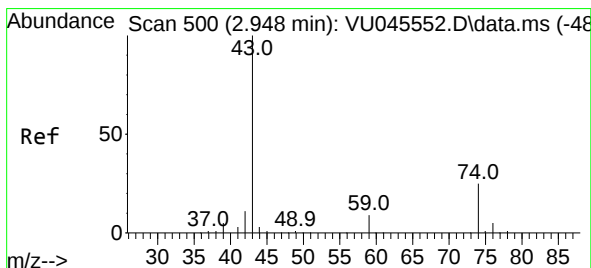
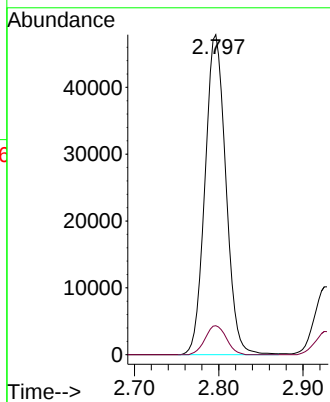
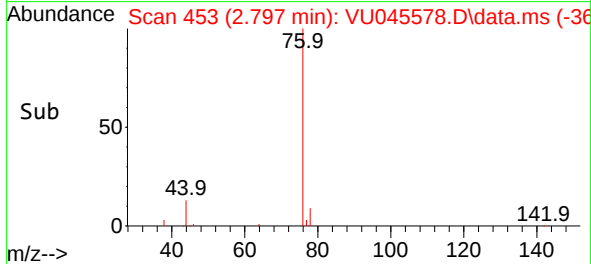
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02



Tgt Ion: 76 Resp: 8235
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

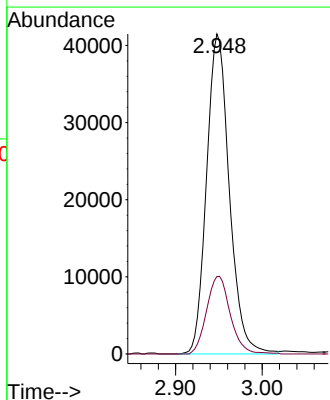
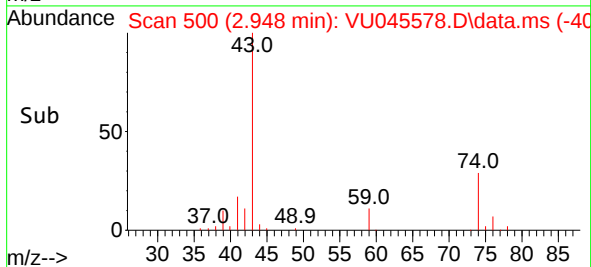
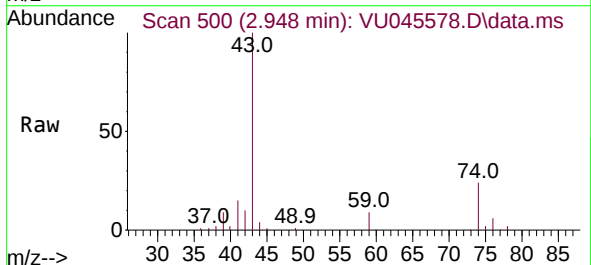
Manual Integrations
APPROVED

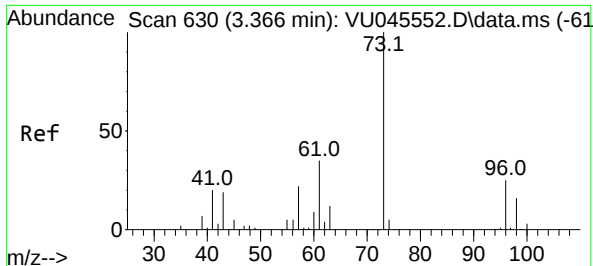
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#18
Methyl Acetate
Concen: 22.006 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

Tgt Ion: 43 Resp: 75836
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 21.163 ug/l

RT: 3.366 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS02

Tgt Ion: 73 Resp: 11123

Ion Ratio Lower Upper

73 100

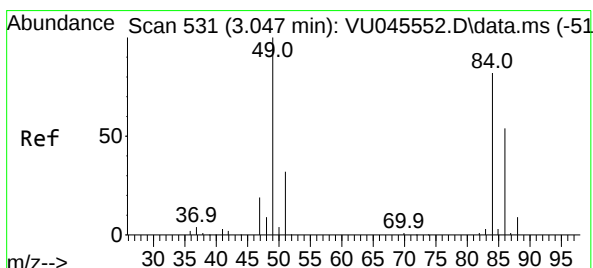
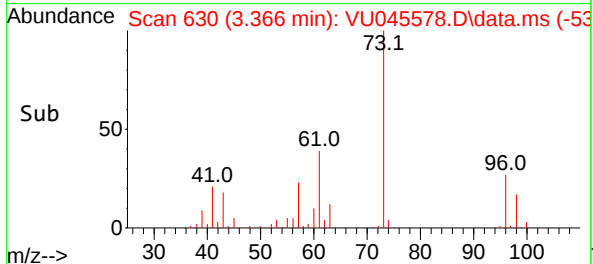
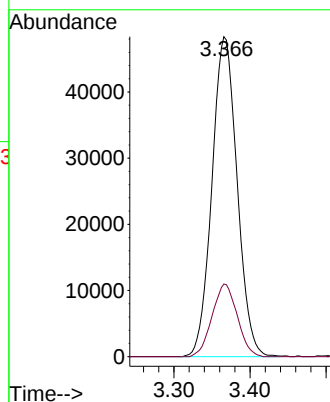
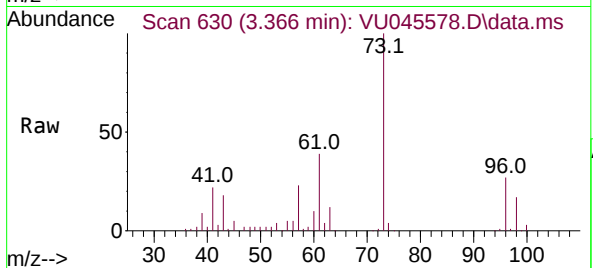
57 22.7 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#20

Methylene Chloride

Concen: 20.538 ug/l

RT: 3.051 min Scan# 532

Delta R.T. 0.003 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Tgt Ion: 84 Resp: 36106

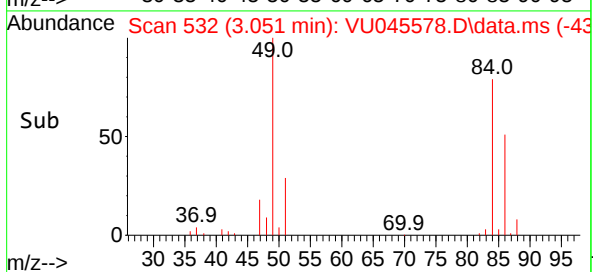
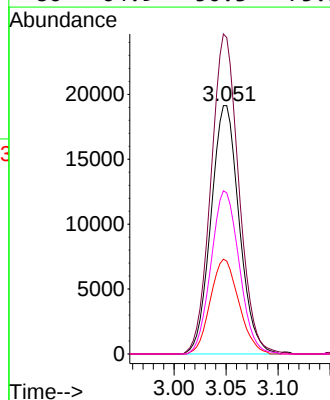
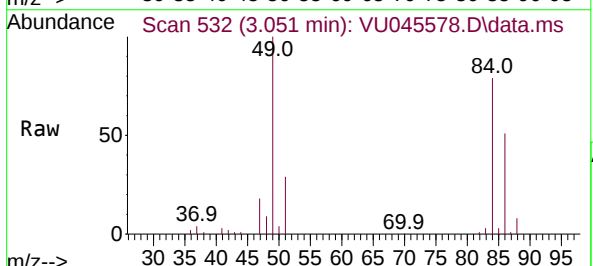
Ion Ratio Lower Upper

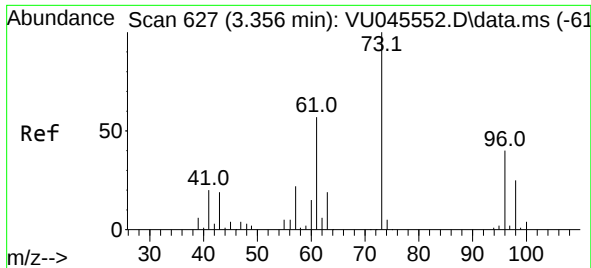
84 100

49 127.3 96.4 144.6

51 37.3 30.5 45.7

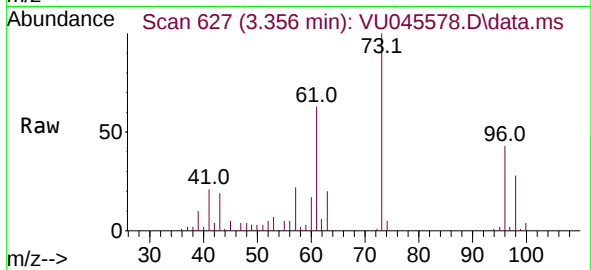
86 64.9 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 21.715 ug/l
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

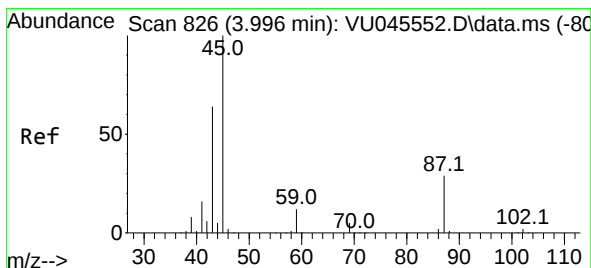
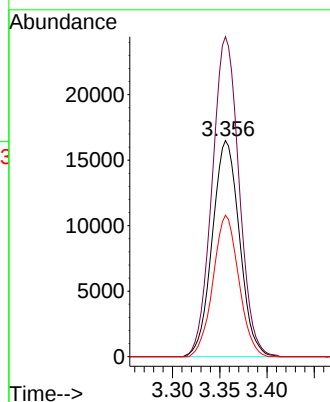
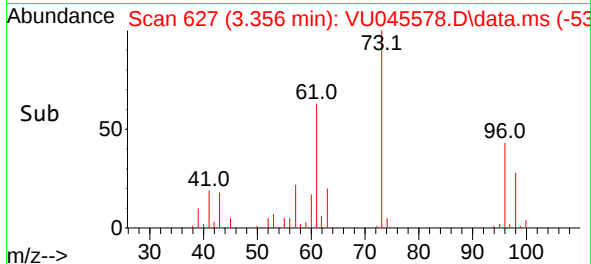
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02



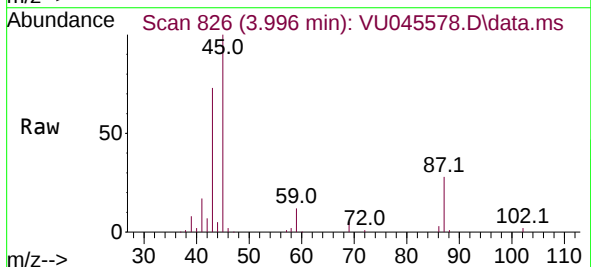
Tgt Ion: 96 Resp: 32980
Ion Ratio Lower Upper
96 100
61 148.0 118.2 177.4
98 65.4 52.1 78.1

Manual Integrations
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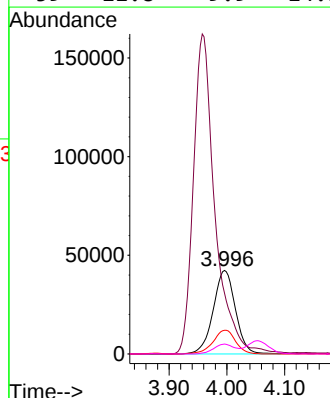
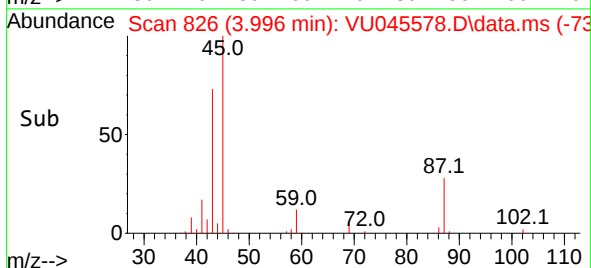
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

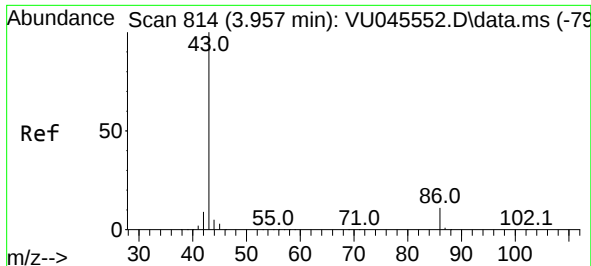


#22
Diisopropyl ether
Concen: 22.113 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28



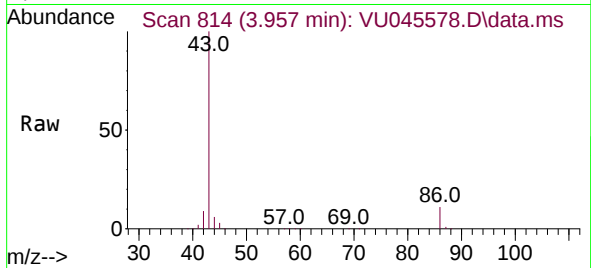
Tgt Ion: 45 Resp: 113198
Ion Ratio Lower Upper
45 100
43 70.7 60.0 90.0
87 28.4 22.3 33.5
59 11.8 9.9 14.9





#23
 Vinyl Acetate
 Concen: 107.026 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: VU045578.D
 Acq: 05 Nov 2021 23:28

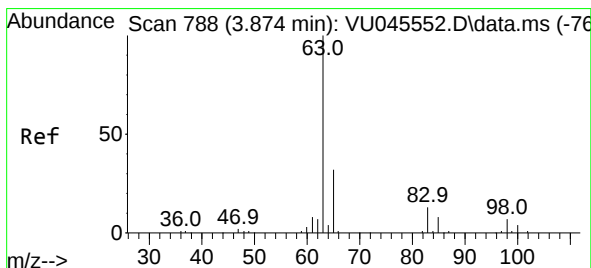
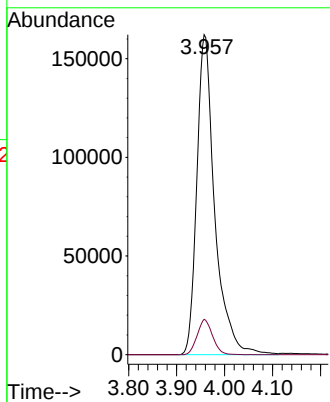
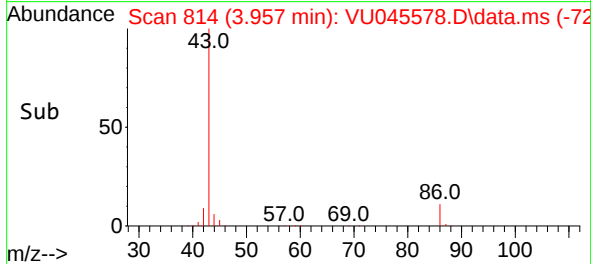
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS02



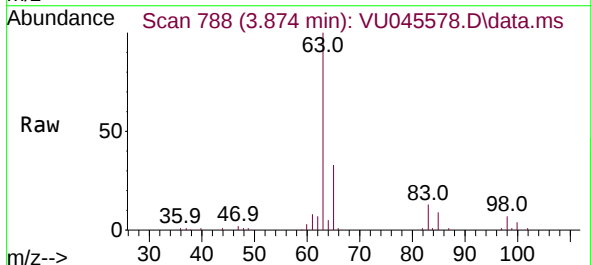
Tgt Ion: 43 Resp: 421384
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.9 13.3

Manual Integrations
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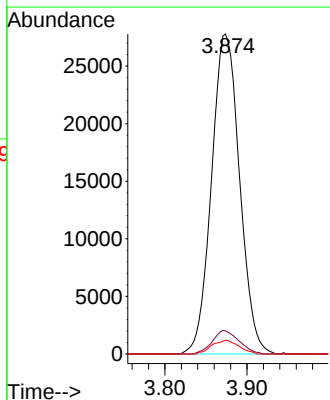
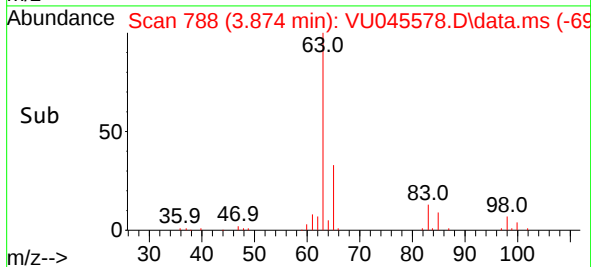
Reviewed By :John Carlone 11/08/2021
 Supervised By :Mahesh Dadoda 11/08/2021

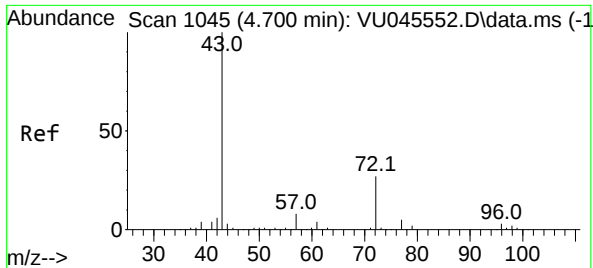


#24
 1,1-Dichloroethane
 Concen: 21.691 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VU045578.D
 Acq: 05 Nov 2021 23:28



Tgt Ion: 63 Resp: 66171
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 4.3 2.4 7.2





#25

2-Butanone

Concen: 105.697 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. -0.000 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS02

Tgt Ion: 43 Resp: 14832

Ion Ratio Lower Upper

43 100

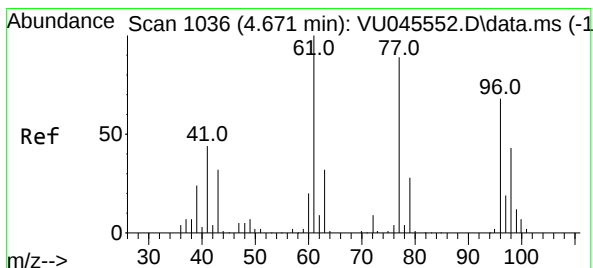
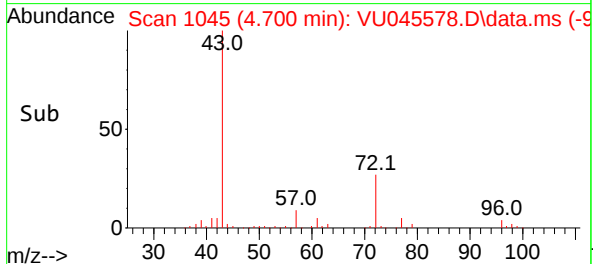
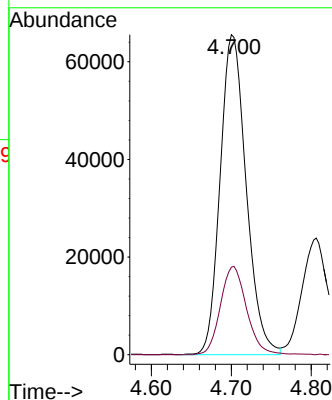
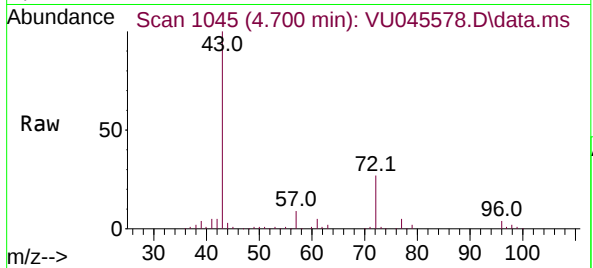
72 27.4 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#26

2,2-Dichloropropane

Concen: 19.073 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045578.D

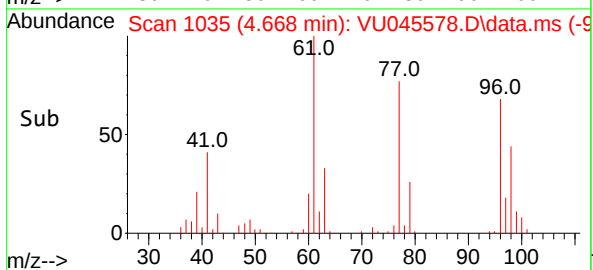
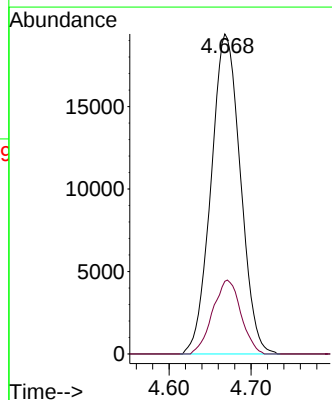
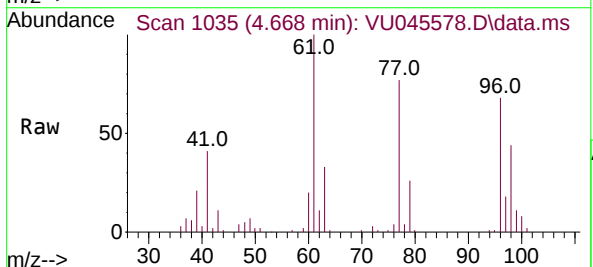
Acq: 05 Nov 2021 23:28

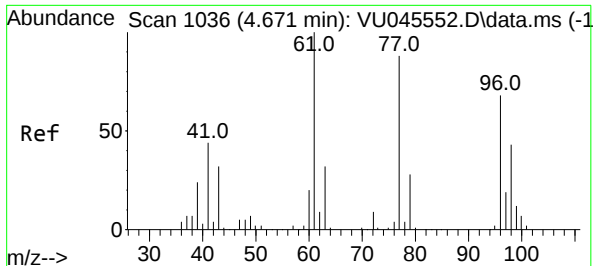
Tgt Ion: 77 Resp: 48213

Ion Ratio Lower Upper

77 100

97 22.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 21.331 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS02

Tgt Ion: 96 Resp: 3805

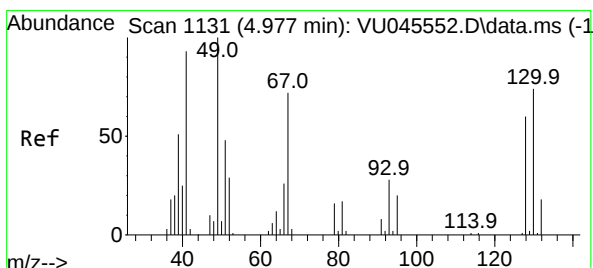
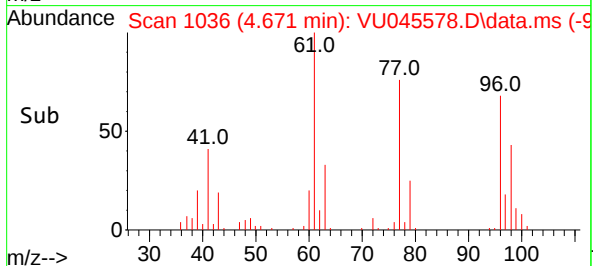
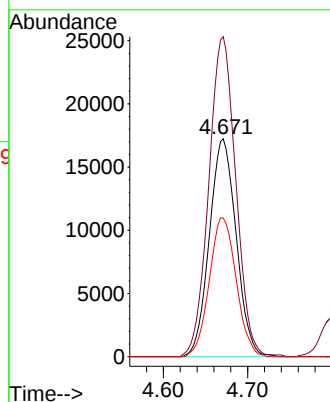
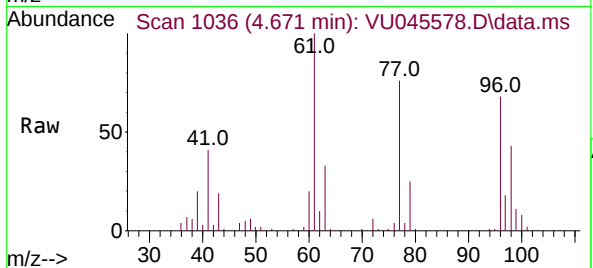
Ion	Ratio	Lower	Upper
96	100		
61	148.1	0.0	299.2
98	64.0	0.0	127.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#28

Bromochloromethane

Concen: 20.616 ug/l

RT: 4.977 min Scan# 1131

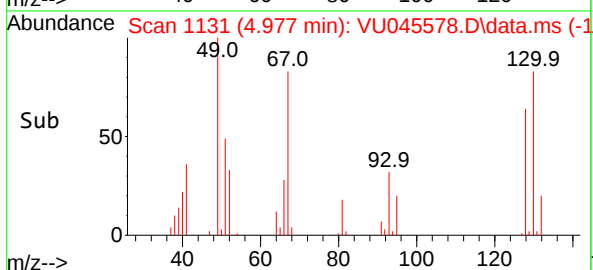
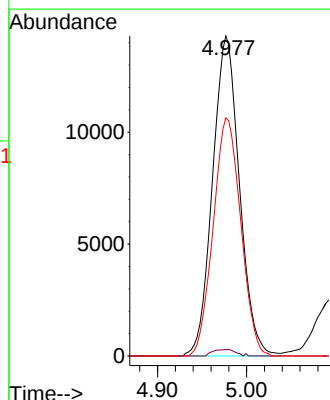
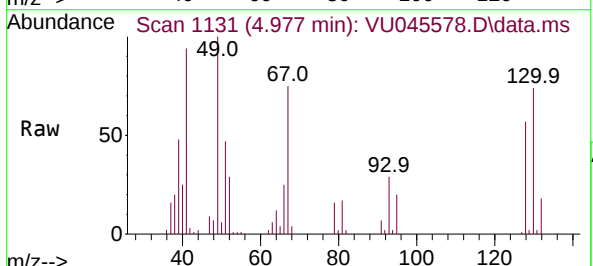
Delta R.T. -0.000 min

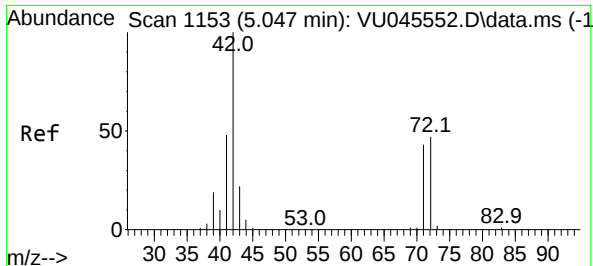
Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Tgt Ion: 49 Resp: 29982

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	76.2	57.5	86.3





#29

Tetrahydrofuran

Concen: 109.755 ug/l

RT: 5.050 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Instrument :

MSVOA_U

ClientSampleId :

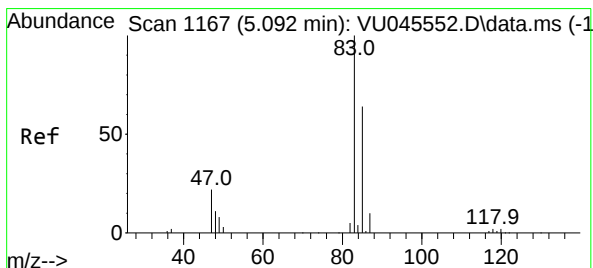
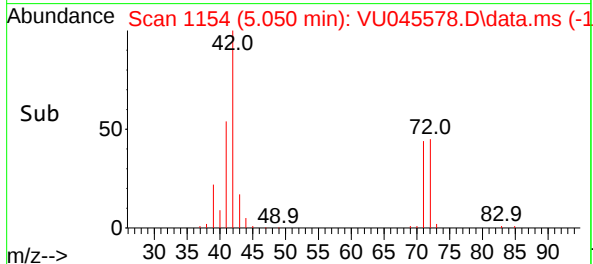
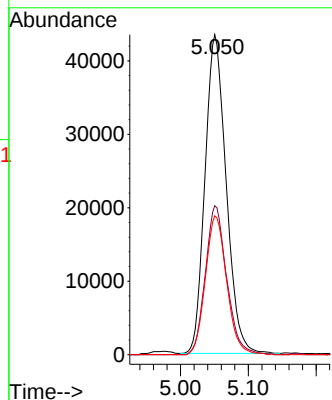
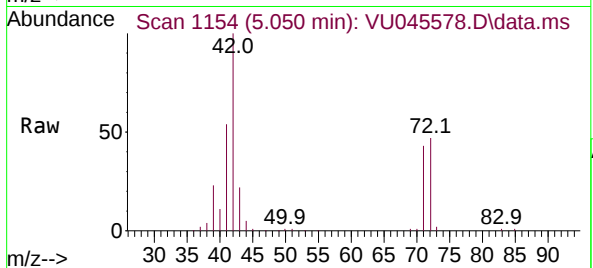
VU1105WBS02

Tgt Ion:	42	Resp:	9421
Ion Ratio	Lower	Upper	
42	100		
72	47.1	38.2	57.4
71	43.8	35.4	53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#30

Chloroform

Concen: 21.573 ug/l

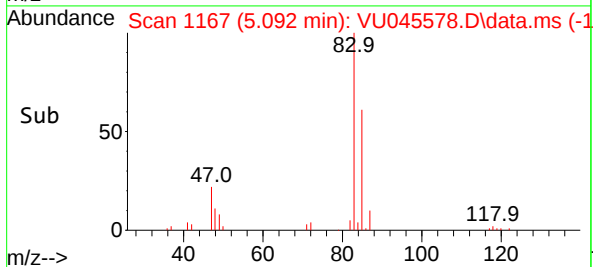
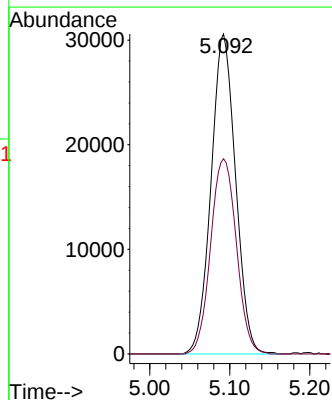
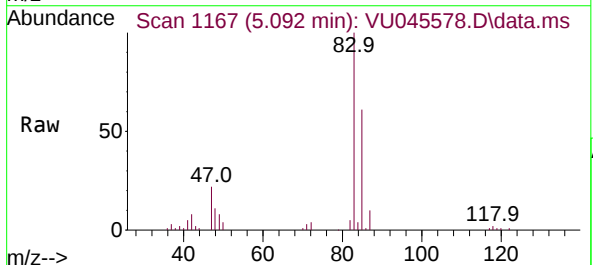
RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

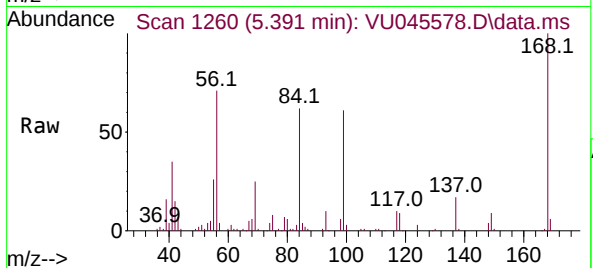
Tgt Ion:	83	Resp:	65087
Ion Ratio	Lower	Upper	
83	100		
85	61.0	52.0	78.0





#31
Cyclohexane
Concen: 20.639 ug/l
RT: 5.391 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

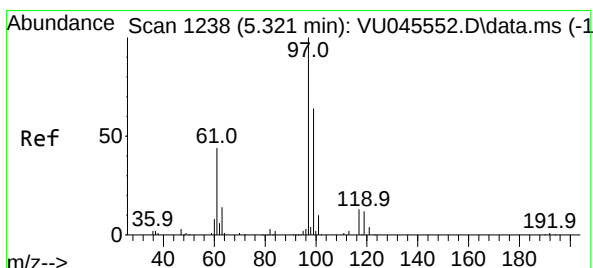
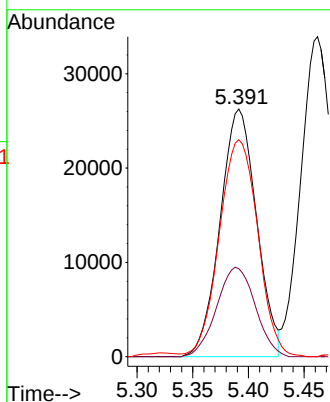
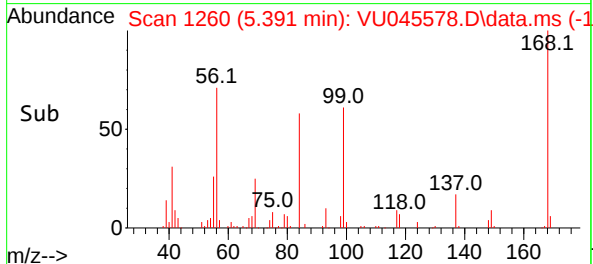
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02



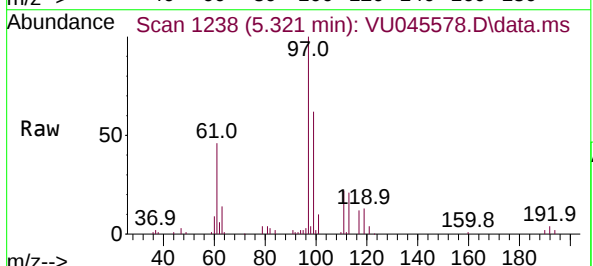
Tgt Ion: 56 Resp: 5985
Ion Ratio Lower Upper
56 100
69 35.6 26.4 39.6
84 86.4 68.4 102.6

Manual Integrations
APPROVED

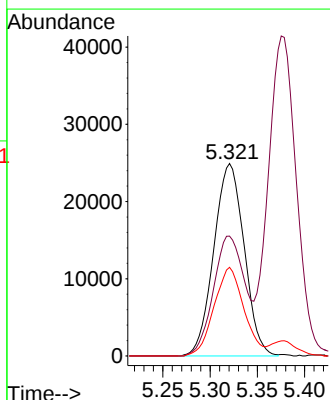
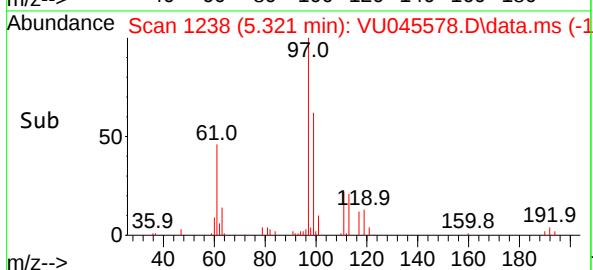
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

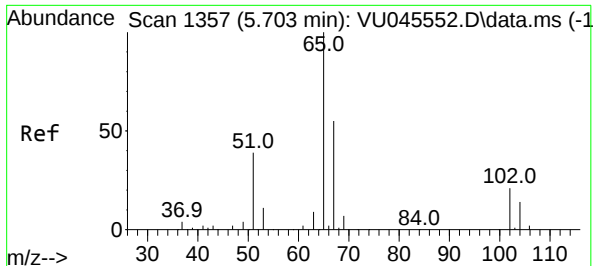


#32
1,1,1-Trichloroethane
Concen: 21.649 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28



Tgt Ion: 97 Resp: 55698
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 45.5 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 53.351 ug/l

RT: 5.703 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS02

Tgt Ion: 65 Resp: 106040

Ion Ratio Lower Upper

65 100

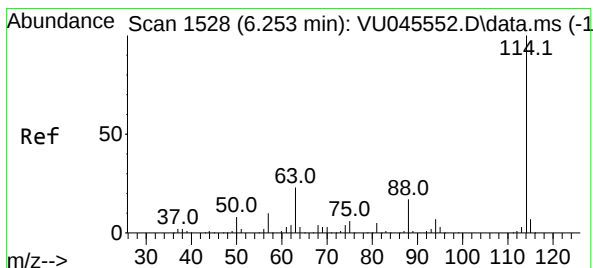
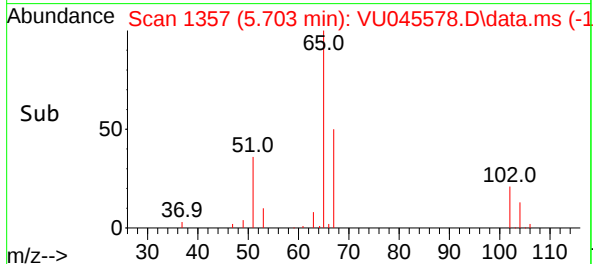
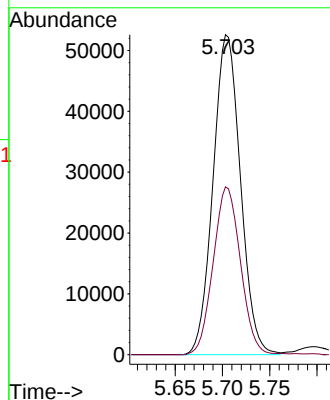
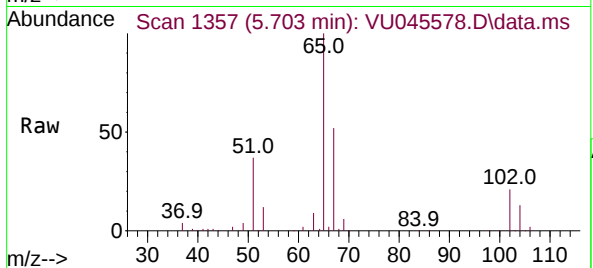
67 52.3 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

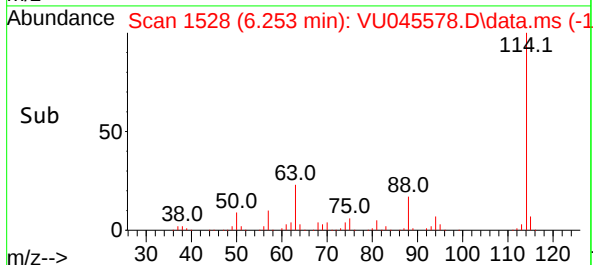
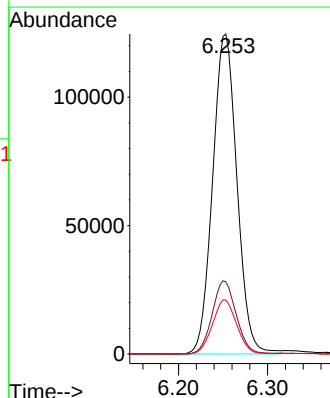
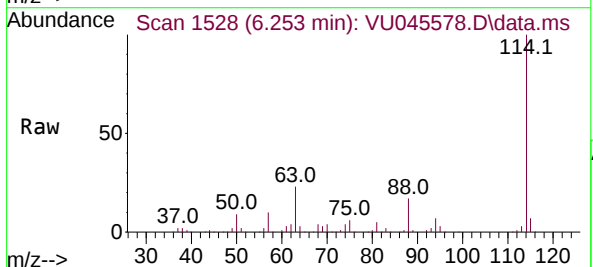
Tgt Ion:114 Resp: 236205

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.6

88 16.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.661 ug/l

RT: 5.292 min Scan# 1113

Delta R.T. -0.000 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS02

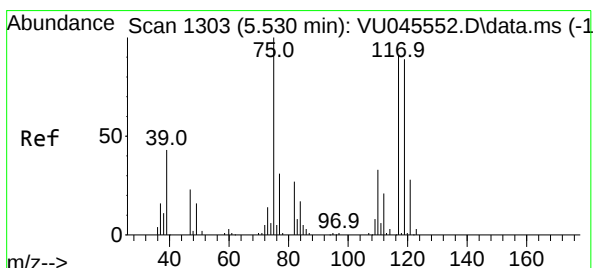
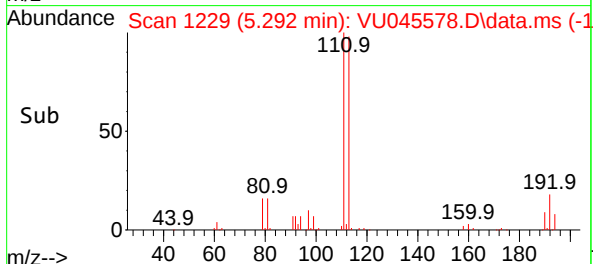
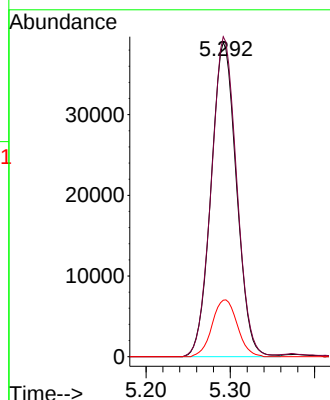
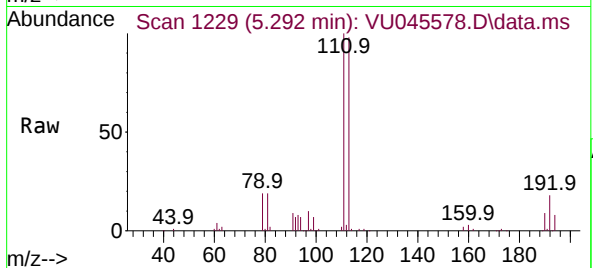
Tgt Ion:	113	Resp:	81470
Ion Ratio	Lower	Upper	
113	100		
111	101.9	82.8	124.2
192	18.0	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#36

1,1-Dichloropropene

Concen: 20.911 ug/l

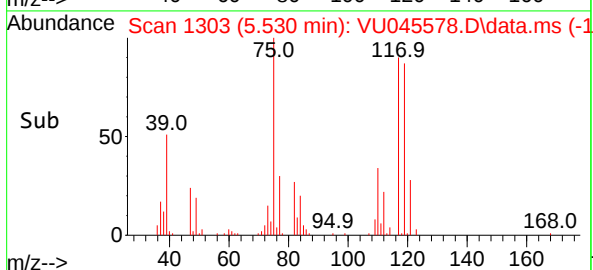
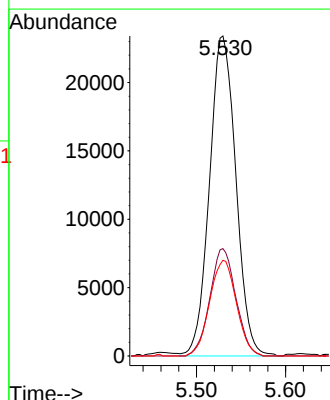
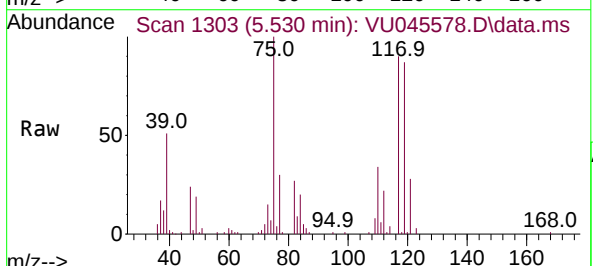
RT: 5.530 min Scan# 1303

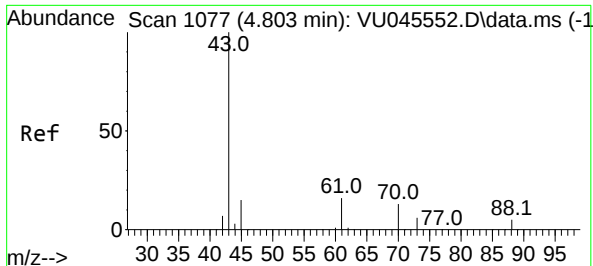
Delta R.T. -0.000 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Tgt Ion:	75	Resp:	48161
Ion Ratio	Lower	Upper	
75	100		
110	32.9	16.7	50.0
77	30.3	25.0	37.4





#37

Ethyl Acetate

Concen: 20.820 ug/l

RT: 4.806 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Instrument :

MSVOA_U

ClientSampleId :

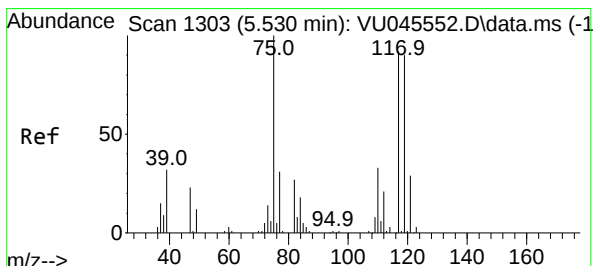
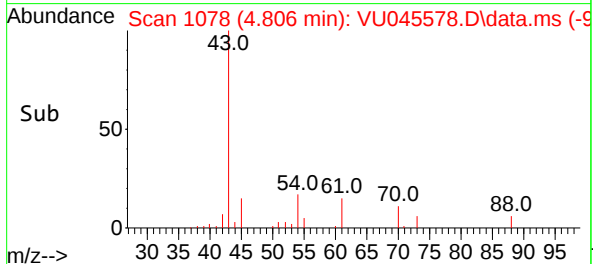
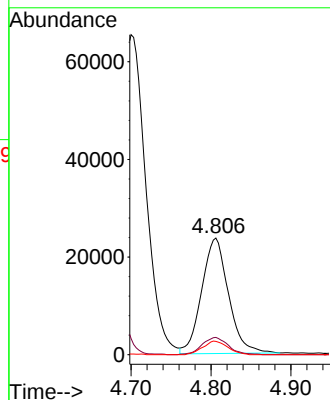
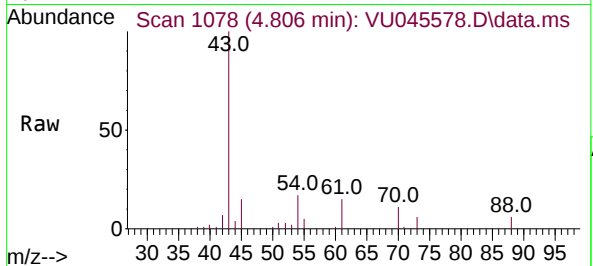
VU1105WBS02

Tgt Ion: 43	Resp: 5508
Ion Ratio	Lower Upper
43	100
61	14.7 11.6 17.4
70	10.9 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#38

Carbon Tetrachloride

Concen: 20.190 ug/l

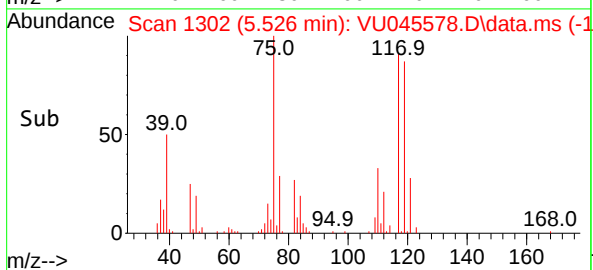
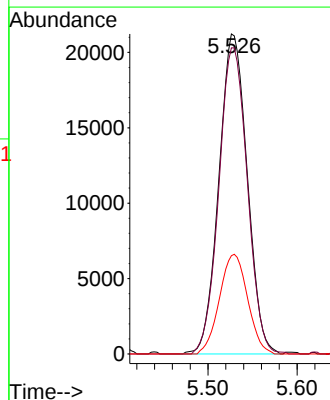
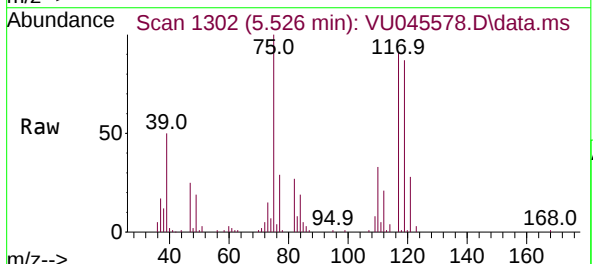
RT: 5.526 min Scan# 1302

Delta R.T. -0.003 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Tgt Ion: 117	Resp: 46880
Ion Ratio	Lower Upper
117	100
119	95.6 77.4 116.0
121	30.7 24.8 37.2





#39

Methylcyclohexane

Concen: 20.074 ug/l

RT: 6.767 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS02

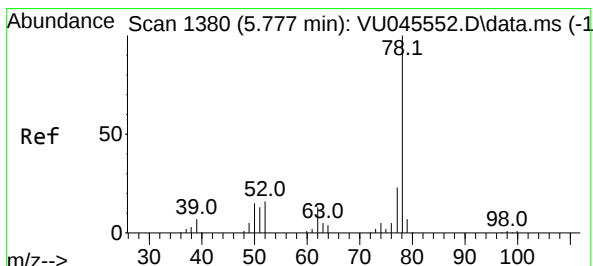
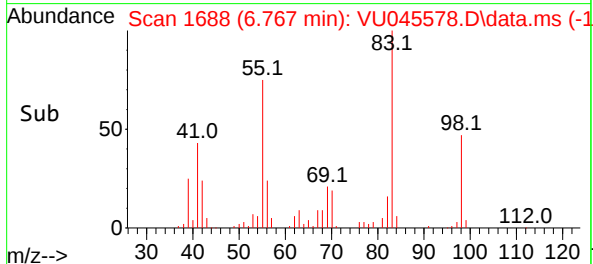
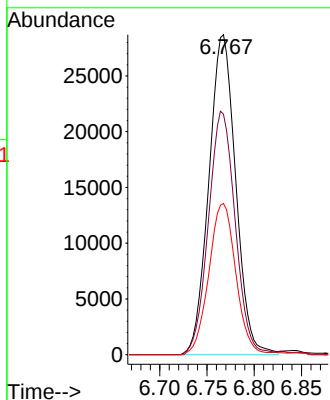
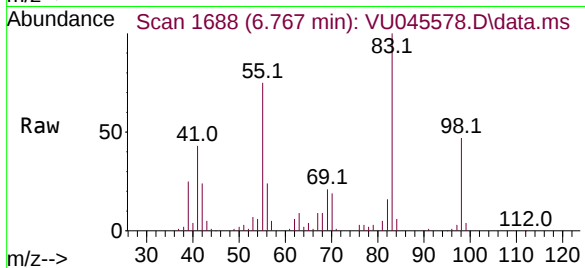
Tgt Ion: 83 Resp: 56719
 Ion Ratio Lower Upper
 83 100
 55 75.2 63.6 95.4
 98 47.3 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#40

Benzene

Concen: 20.686 ug/l

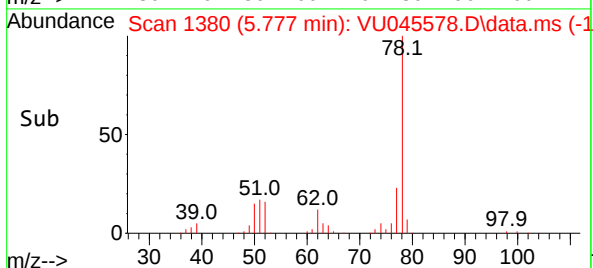
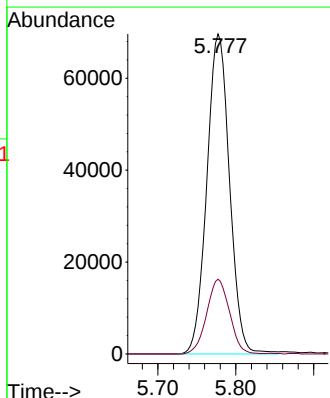
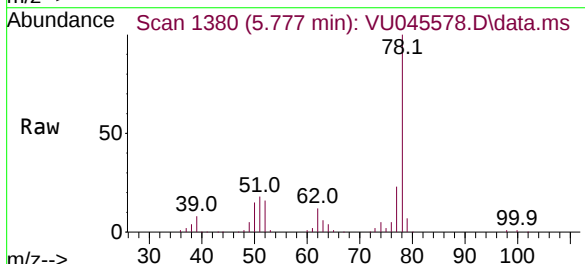
RT: 5.777 min Scan# 1380

Delta R.T. -0.000 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

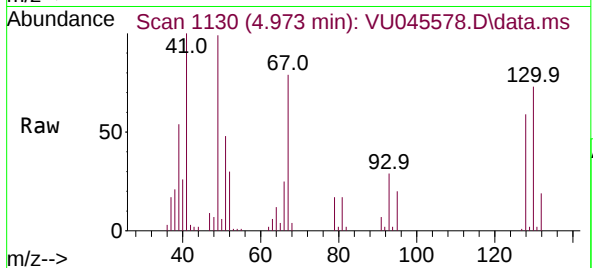
Tgt Ion: 78 Resp: 141055
 Ion Ratio Lower Upper
 78 100
 77 23.4 19.0 28.4





#41
Methacrylonitrile
Concen: 21.770 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

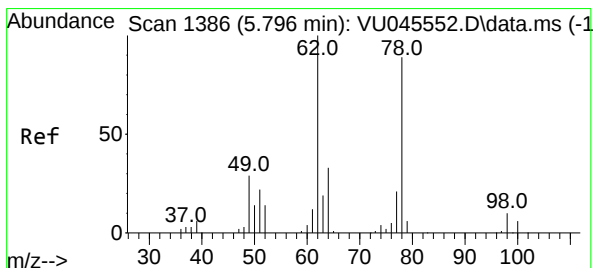
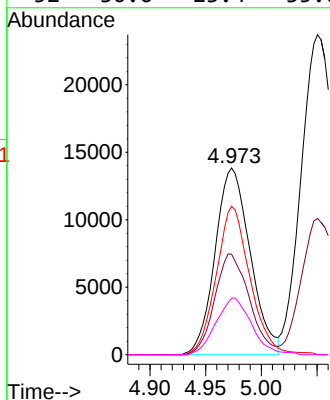
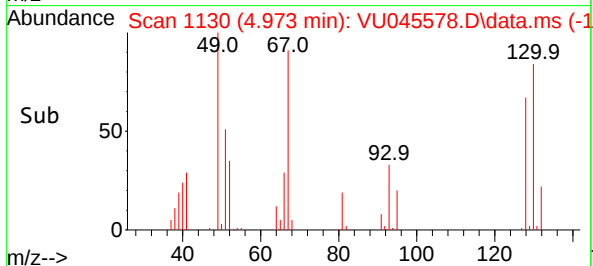
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02



Tgt Ion: 41 Resp: 30438
Ion Ratio Lower Upper
41 100
39 53.2 43.4 65.0
67 76.1 61.0 91.4
52 30.6 23.4 35.0

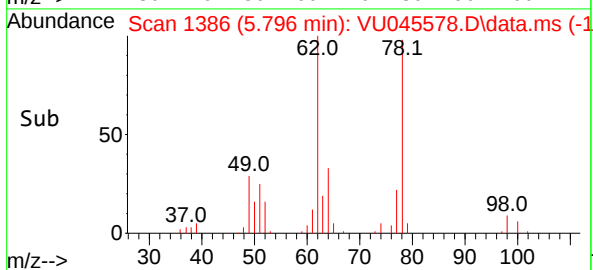
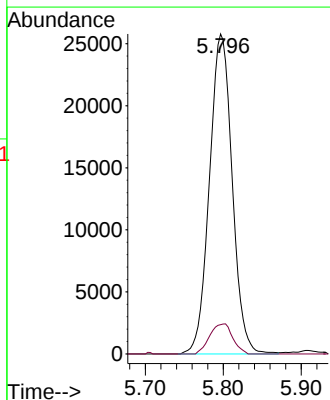
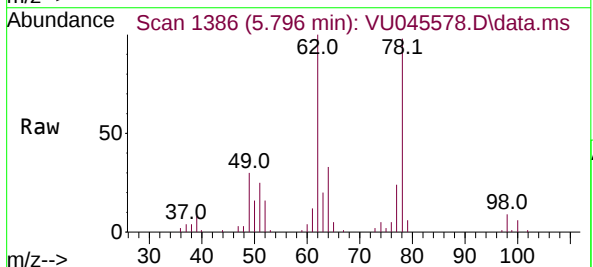
Manual Integrations
APPROVED

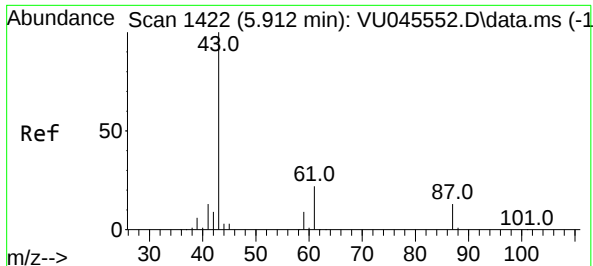
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#42
1,2-Dichloroethane
Concen: 21.234 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

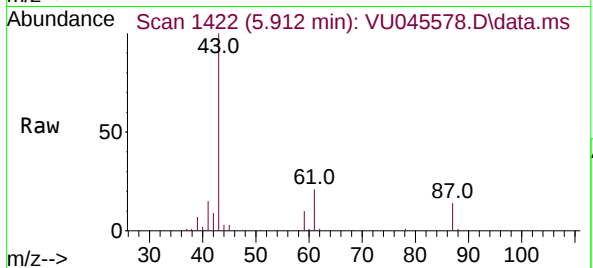
Tgt Ion: 62 Resp: 52300
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.4





#43
Isopropyl Acetate
Concen: 20.857 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

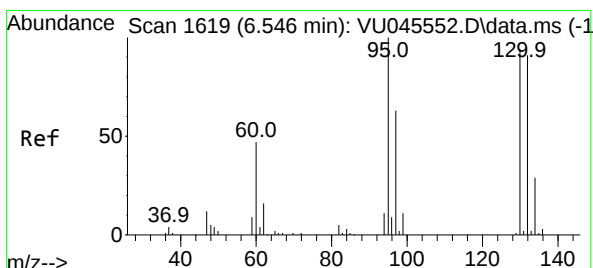
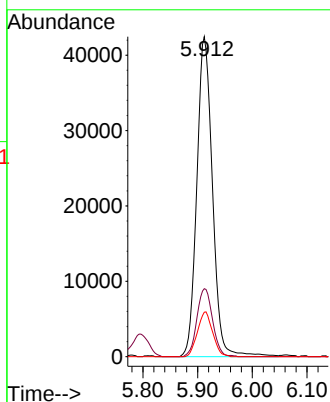
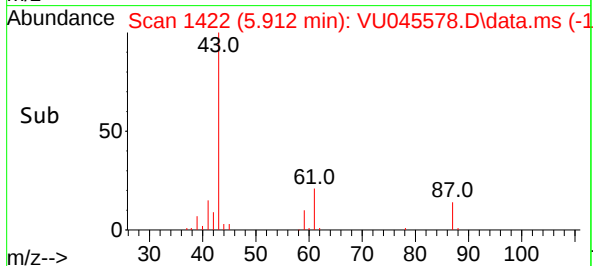
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02



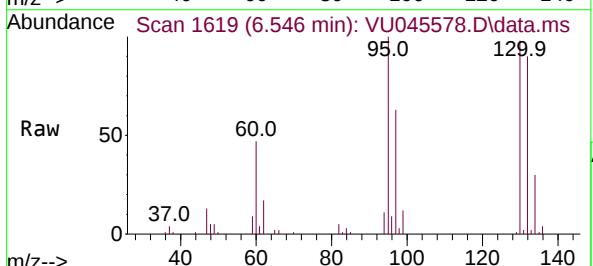
Tgt Ion: 43 Resp: 8440
Ion Ratio Lower Upper
43 100
61 21.3 16.9 25.3
87 13.6 11.0 16.4

Manual Integrations
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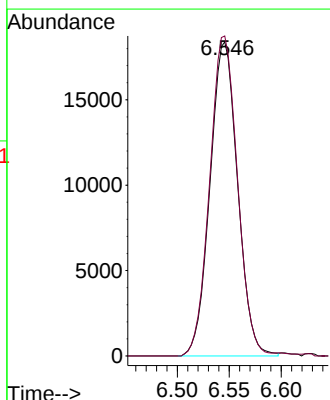
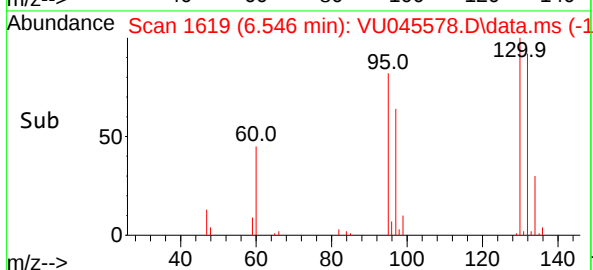
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

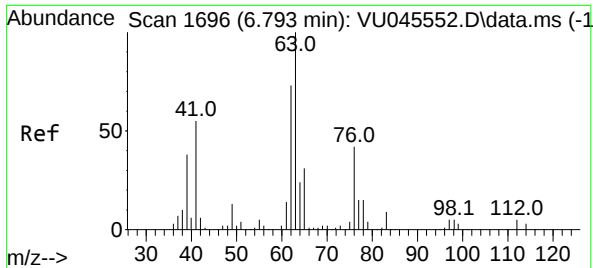


#44
Trichloroethene
Concen: 20.813 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28



Tgt Ion:130 Resp: 33971
Ion Ratio Lower Upper
130 100
95 101.9 0.0 211.4





#45

1,2-Dichloropropane

Concen: 21.322 ug/l

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS02

Tgt Ion: 63 Resp: 38470

Ion Ratio Lower Upper

63 100

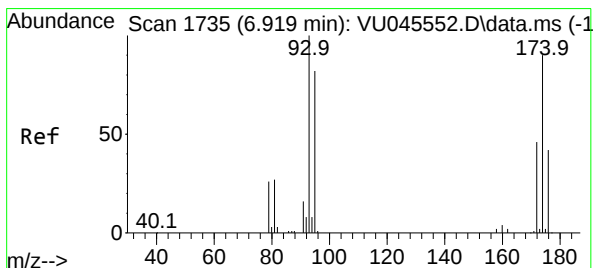
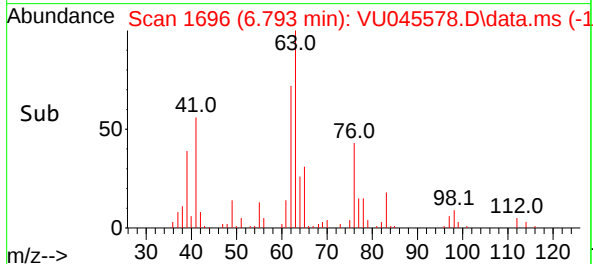
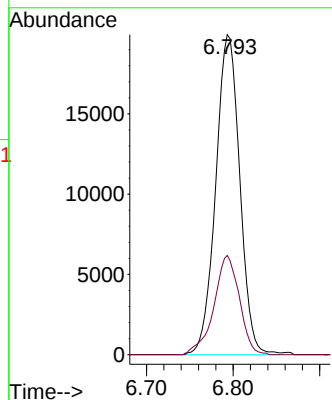
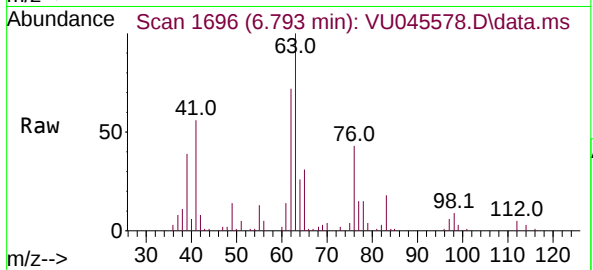
65 31.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#46

Dibromomethane

Concen: 20.938 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.003 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

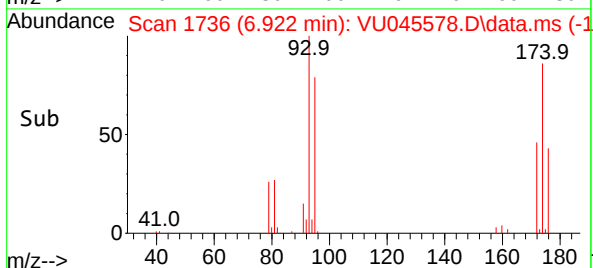
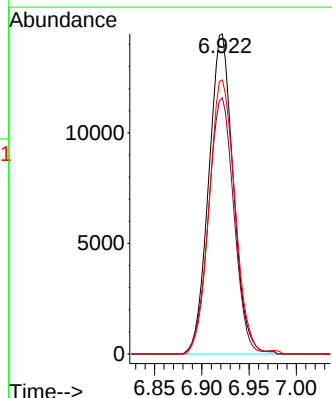
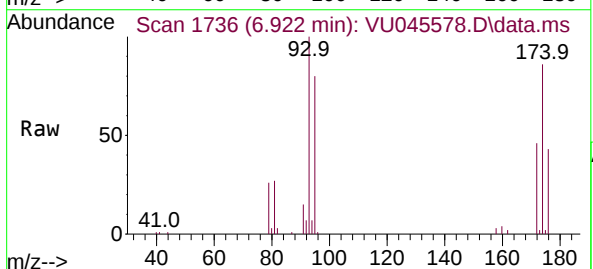
Tgt Ion: 93 Resp: 26176

Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.2

174 89.4 71.0 106.6





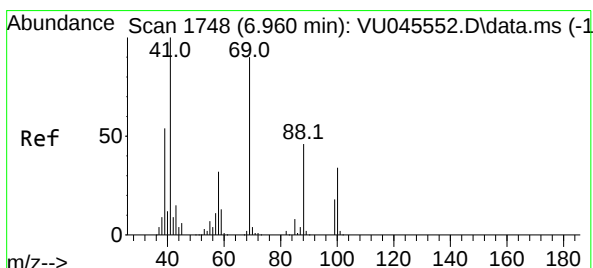
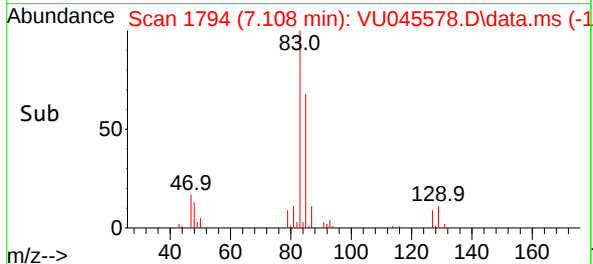
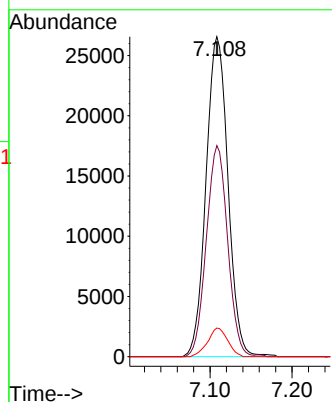
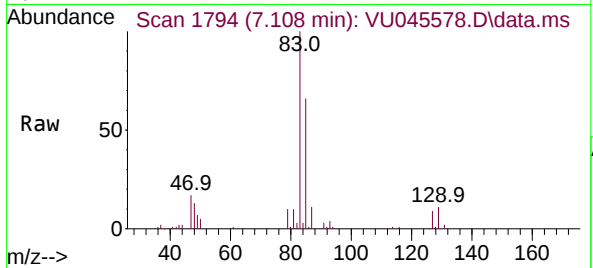
#47
Bromodichloromethane
Concen: 20.847 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02

Tgt Ion: 83 Resp: 4945
Ion Ratio Lower Upper
83 100
85 65.9 49.8 74.6
127 8.9 6.2 9.2

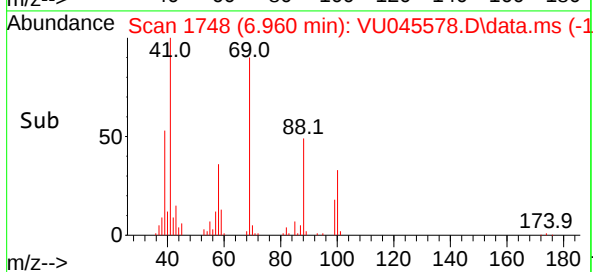
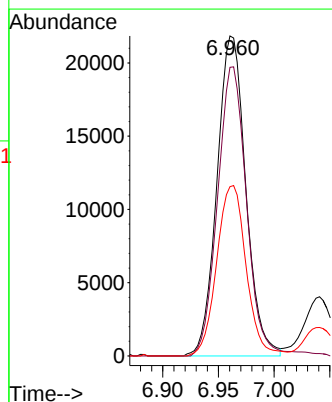
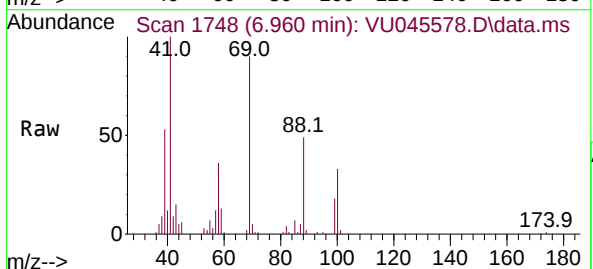
Manual Integrations
APPROVED

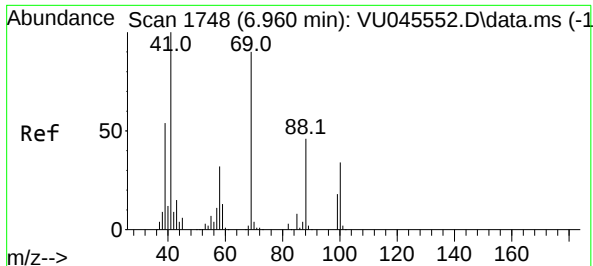
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#48
Methyl methacrylate
Concen: 21.133 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

Tgt Ion: 41 Resp: 39361
Ion Ratio Lower Upper
41 100
69 91.3 70.2 105.2
39 54.4 43.9 65.9





#49

1,4-Dioxane

Concen: 450.637 ug/l

RT: 6.964 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS02

Tgt Ion: 88 Resp: 2158

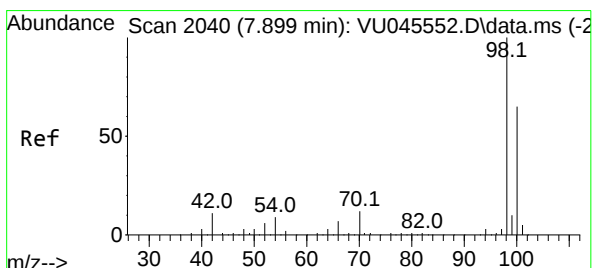
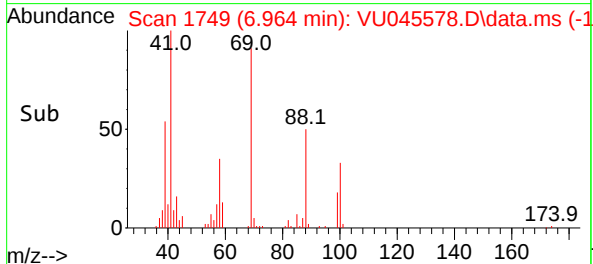
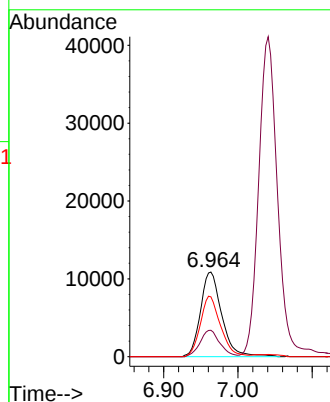
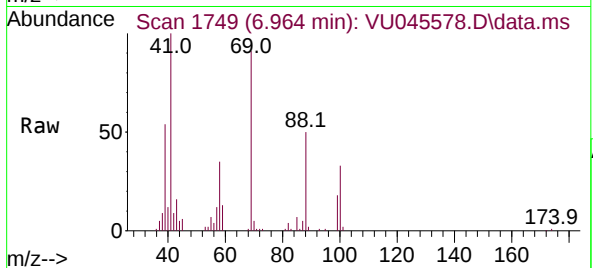
Ion	Ratio	Lower	Upper
88	100		
43	29.1	0.0	0.0
58	67.7	58.7	88.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#50

Toluene-d8

Concen: 52.585 ug/l

RT: 7.899 min Scan# 2040

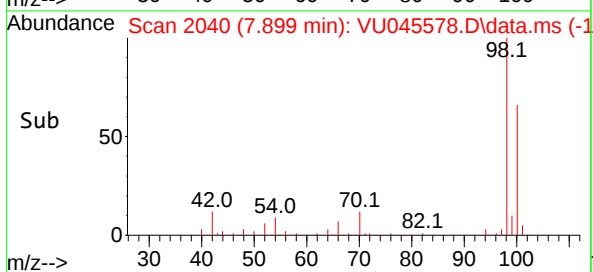
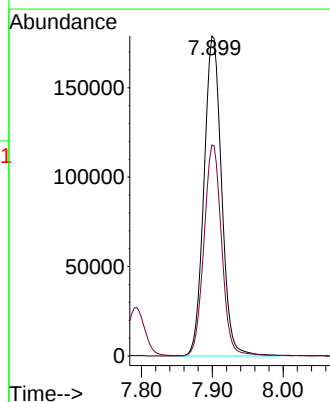
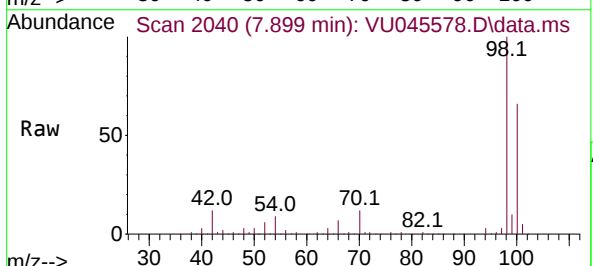
Delta R.T. -0.000 min

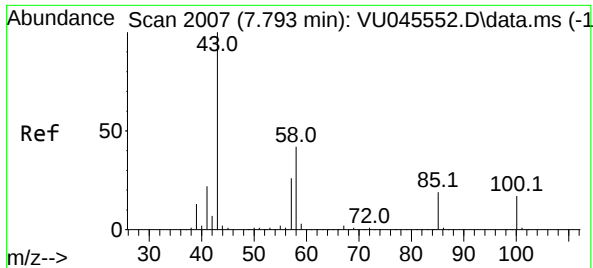
Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Tgt Ion: 98 Resp: 308364

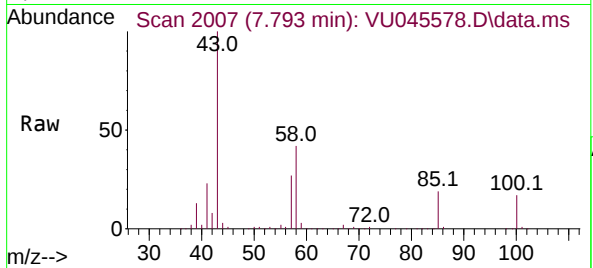
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 105.765 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

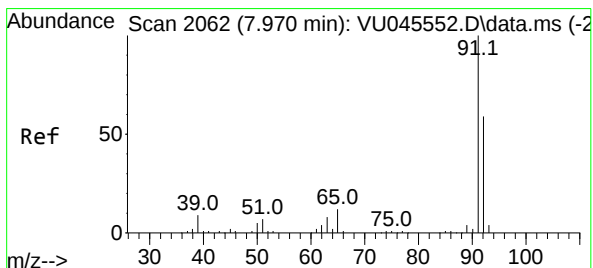
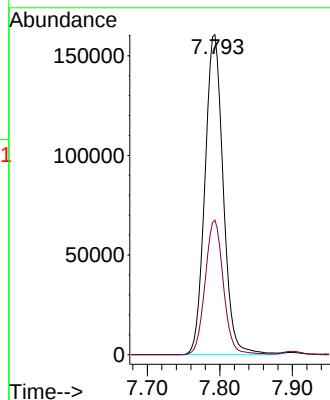
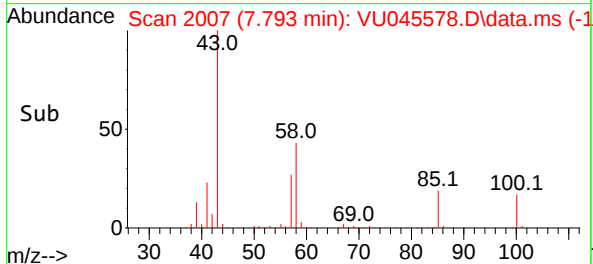
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02



Tgt Ion: 43 Resp: 28233
Ion Ratio Lower Upper
43 100
58 41.8 33.8 50.8

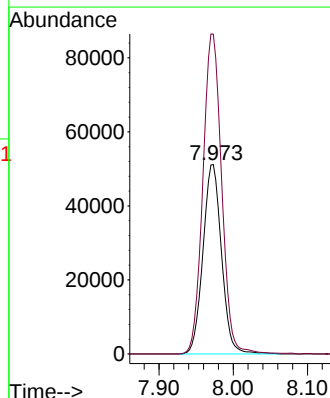
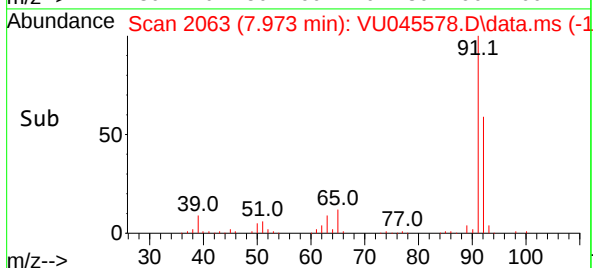
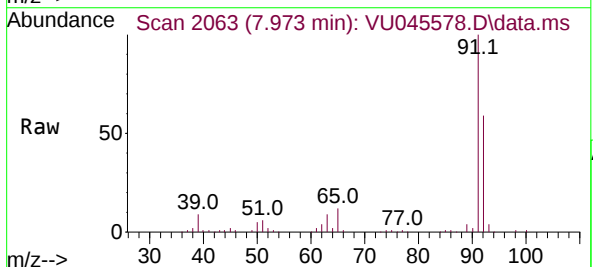
Manual Integrations
APPROVED

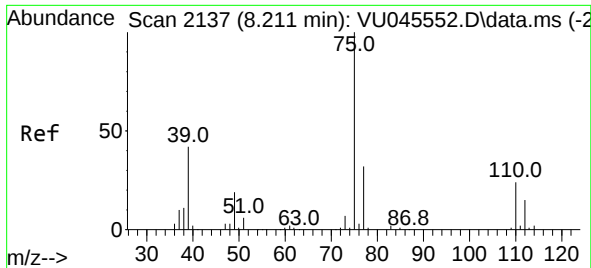
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#52
Toluene
Concen: 21.229 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.003 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

Tgt Ion: 92 Resp: 88624
Ion Ratio Lower Upper
92 100
91 171.2 135.6 203.4





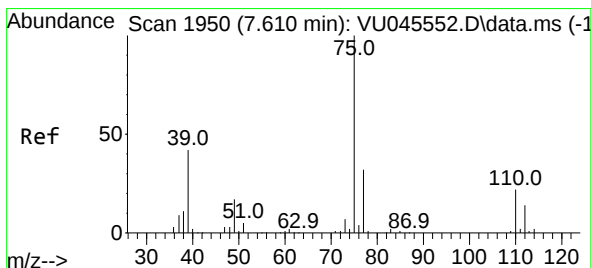
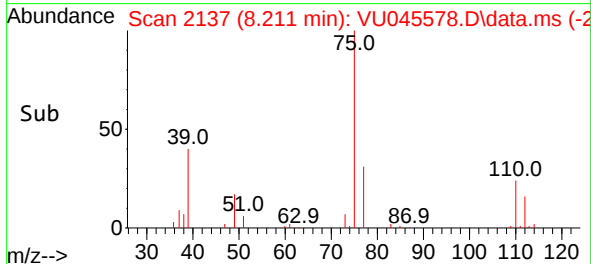
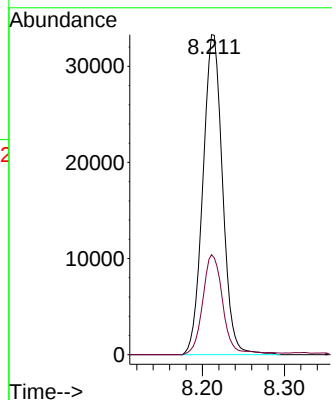
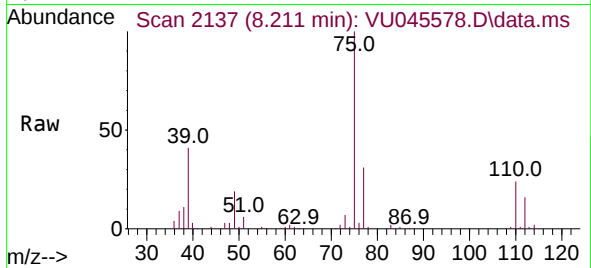
#53
t-1,3-Dichloropropene
Concen: 20.325 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02

Tgt Ion: 75 Resp: 55409
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.8

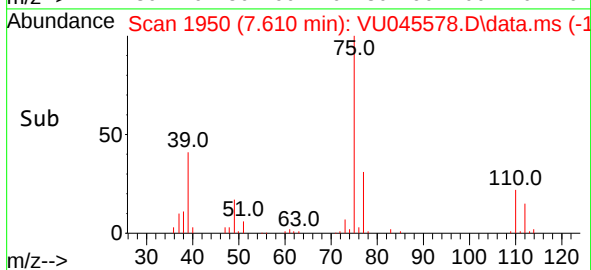
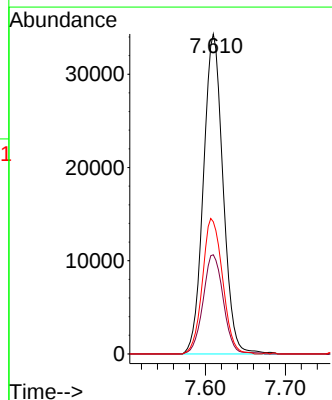
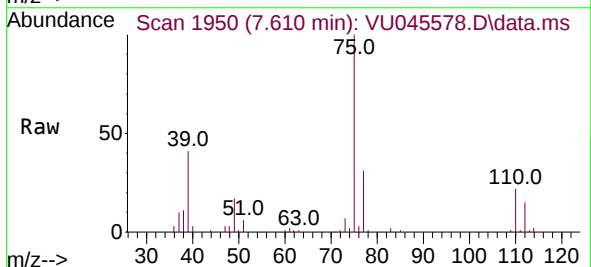
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#54
cis-1,3-Dichloropropene
Concen: 20.252 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

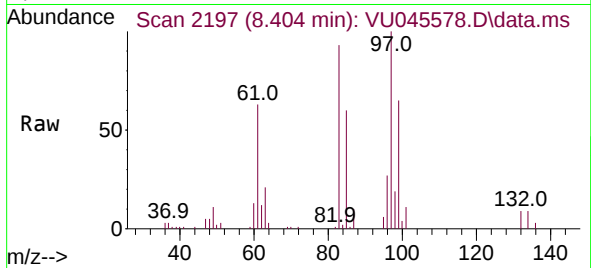
Tgt Ion: 75 Resp: 58641
Ion Ratio Lower Upper
75 100
77 31.0 24.6 37.0
39 41.3 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 20.525 ug/l
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

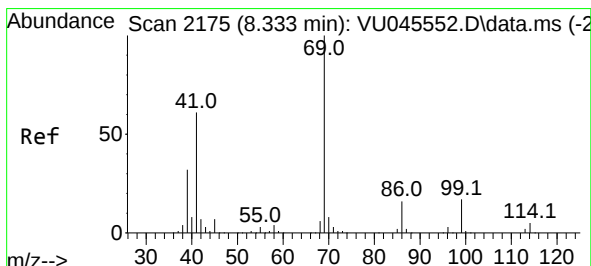
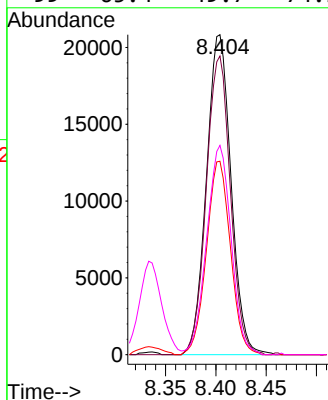
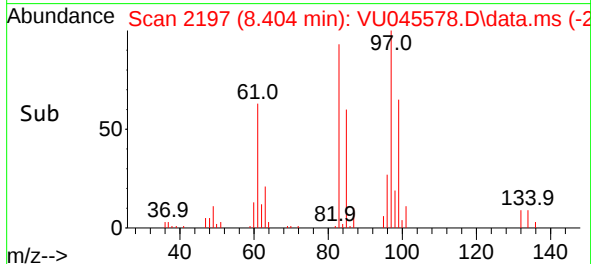
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02



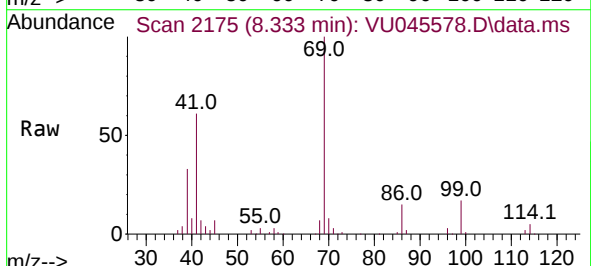
Tgt Ion	Ratio	Lower	Upper
97	100		
83	93.4	70.3	105.5
85	60.5	45.5	68.3
99	65.4	49.7	74.5

Manual Integrations
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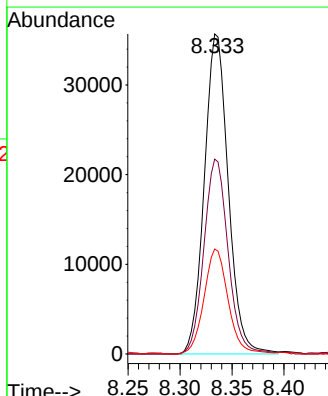
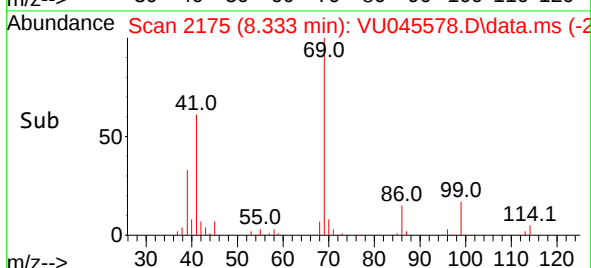
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

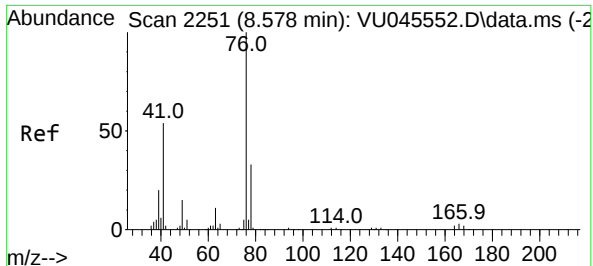


#56
Ethyl methacrylate
Concen: 19.986 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28



Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.8	51.0	76.4
39	32.9	26.6	39.8





#57

1,3-Dichloropropane

Concen: 20.994 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS02

Tgt Ion: 76 Resp: 6542

Ion Ratio Lower Upper

76 100

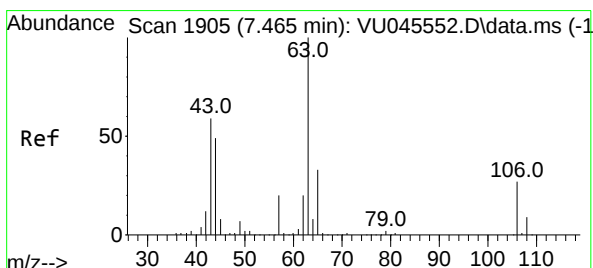
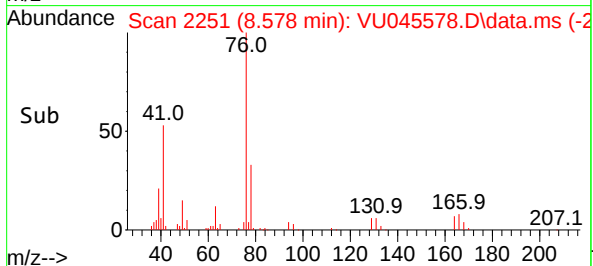
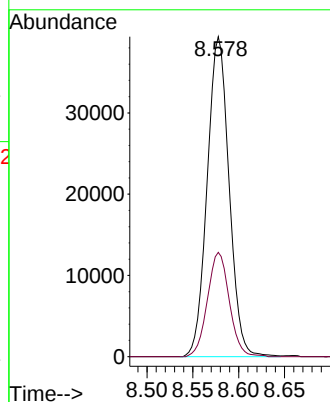
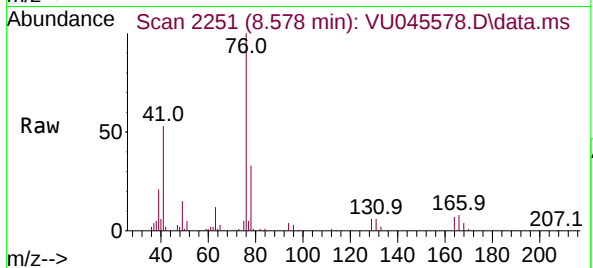
78 32.6 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#58

2-Chloroethyl Vinyl ether

Concen: 94.077 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VU045578.D

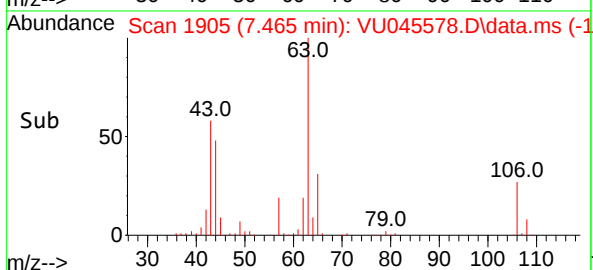
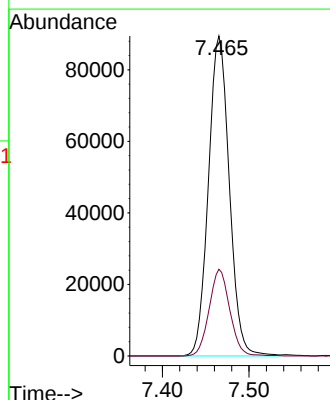
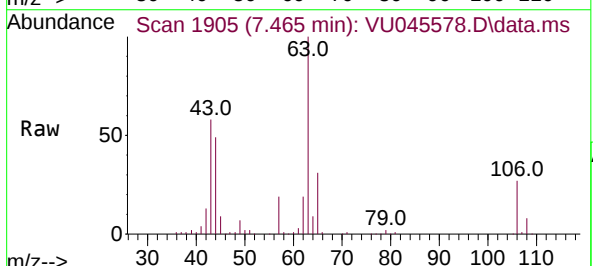
Acq: 05 Nov 2021 23:28

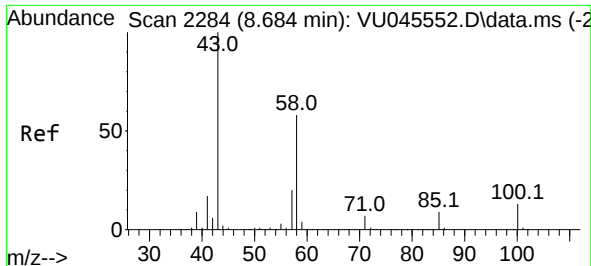
Tgt Ion: 63 Resp: 149852

Ion Ratio Lower Upper

63 100

106 26.8 21.0 31.4





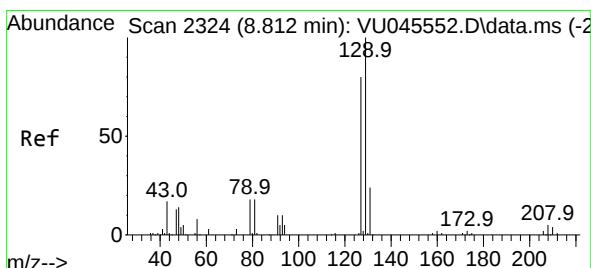
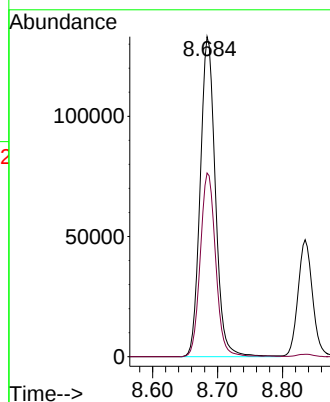
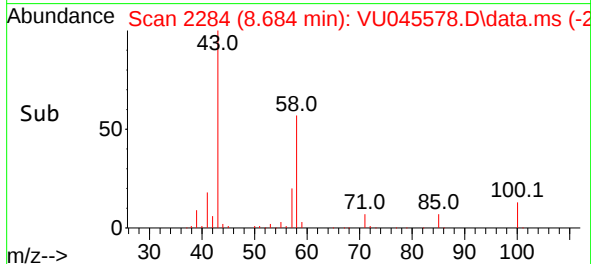
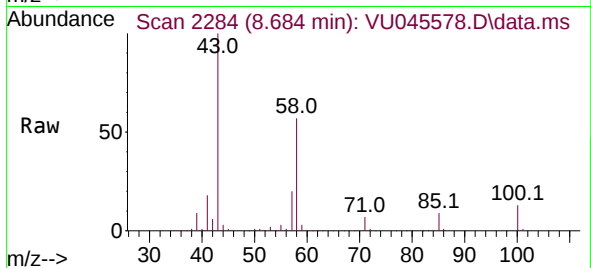
#59
2-Hexanone
Concen: 97.822 ug/l
RT: 8.684 min Scan# 21623
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02

Tgt Ion: 43 Resp: 21623
Ion Ratio Lower Upper
43 100
58 58.0 29.5 88.6

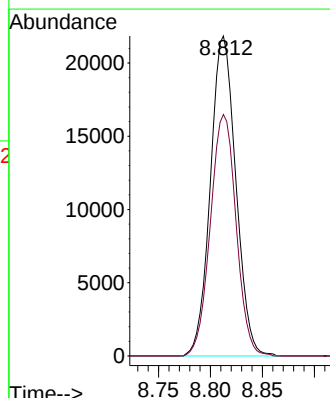
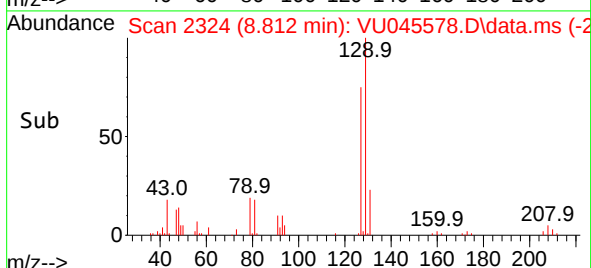
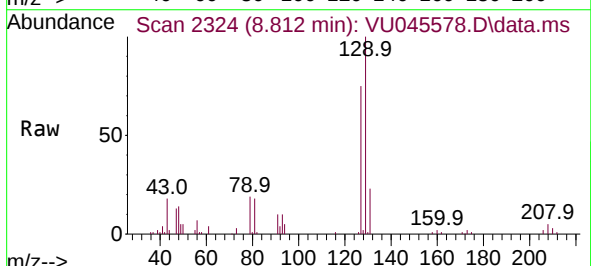
Manual Integrations
APPROVED

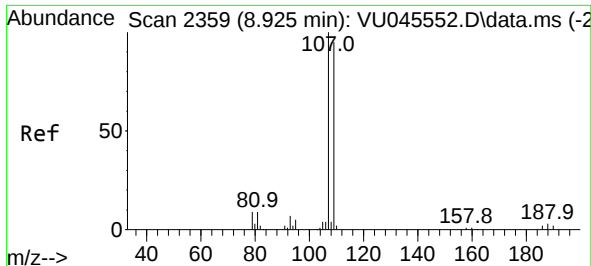
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#60
Dibromochloromethane
Concen: 20.658 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

Tgt Ion:129 Resp: 37218
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.3





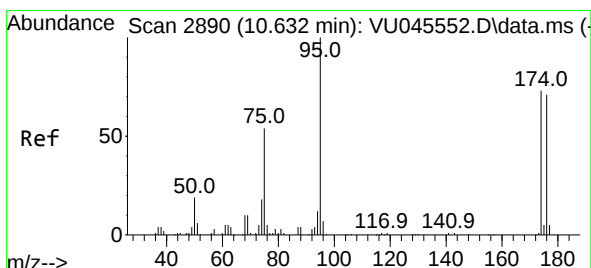
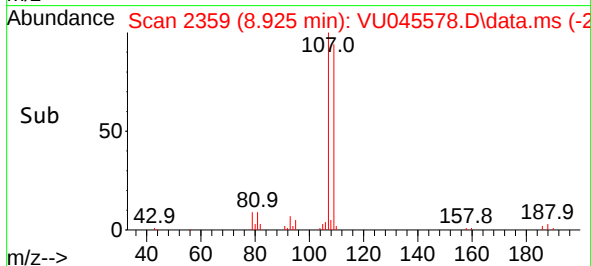
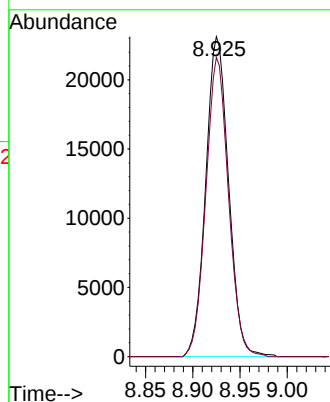
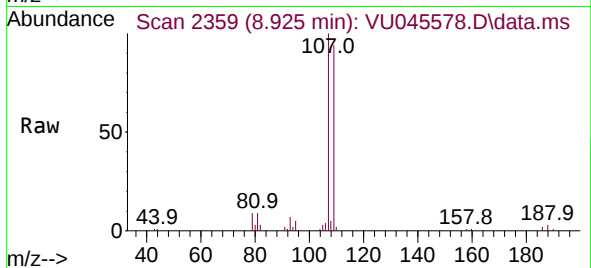
#61
1,2-Dibromoethane
Concen: 20.931 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02

Tgt Ion:107 Resp: 3884
Ion Ratio Lower Upper
107 100
109 92.6 75.8 113.8

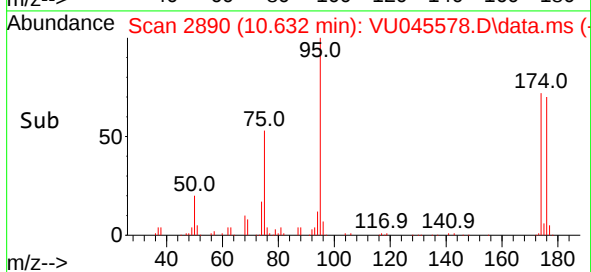
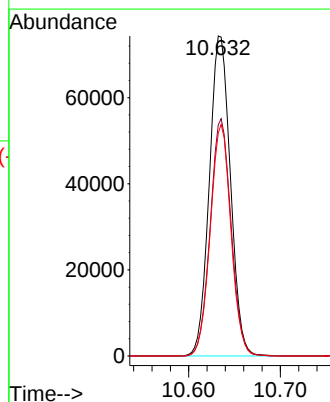
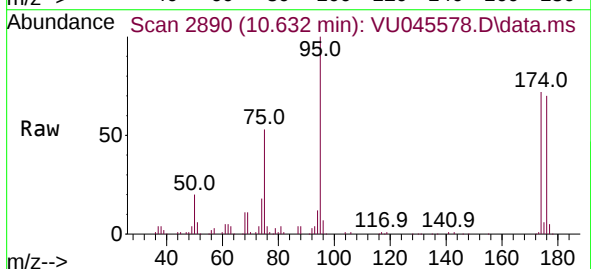
Manual Integrations
APPROVED

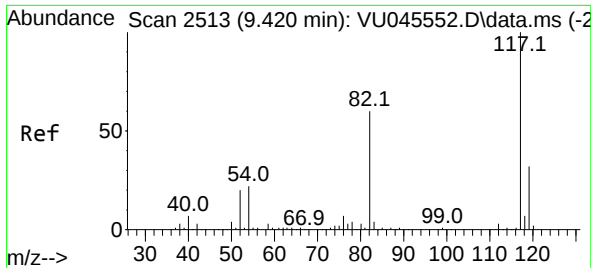
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#62
4-Bromofluorobenzene
Concen: 50.471 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

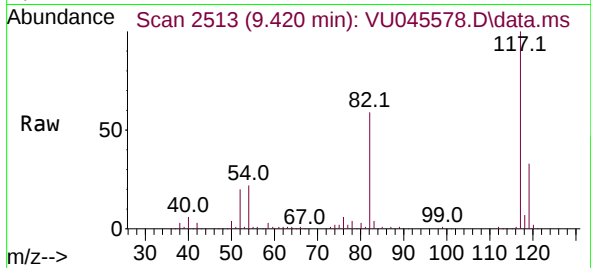
Tgt Ion: 95 Resp: 118682
Ion Ratio Lower Upper
95 100
174 73.4 0.0 141.8
176 70.7 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

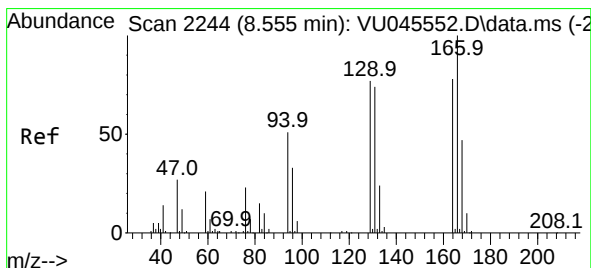
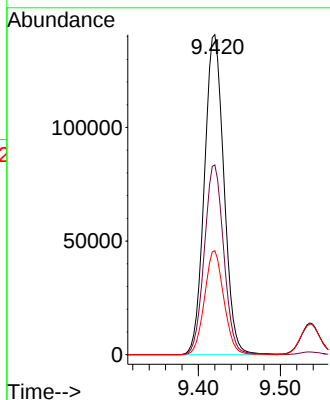
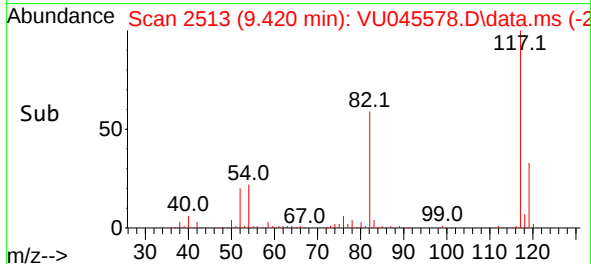
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02



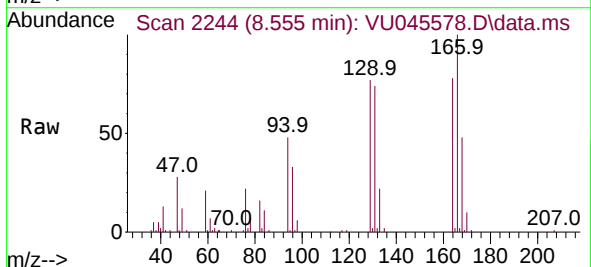
Tgt Ion:117 Resp: 232829
Ion Ratio Lower Upper
117 100
82 59.3 47.8 71.8
119 32.5 25.8 38.8

Manual Integrations
APPROVED

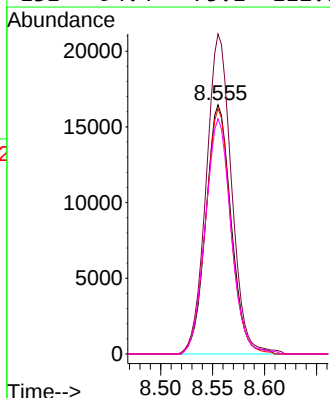
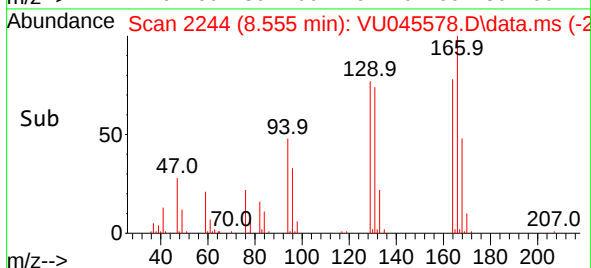
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

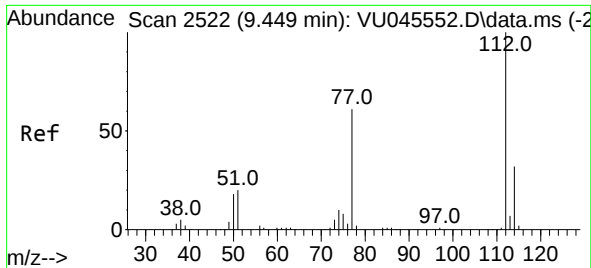


#64
Tetrachloroethene
Concen: 20.829 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28



Tgt Ion:164 Resp: 27835
Ion Ratio Lower Upper
164 100
166 128.4 102.2 153.4
129 98.5 78.2 117.4
131 94.4 75.1 112.7





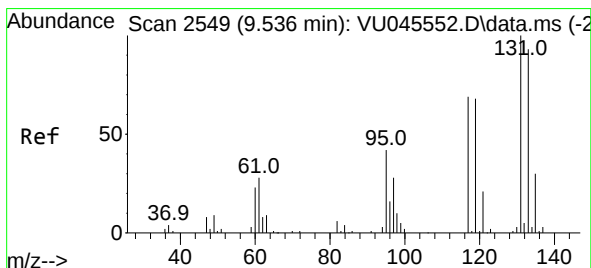
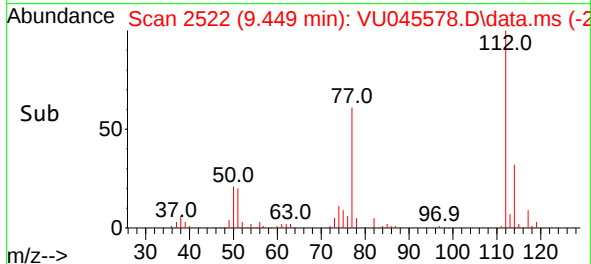
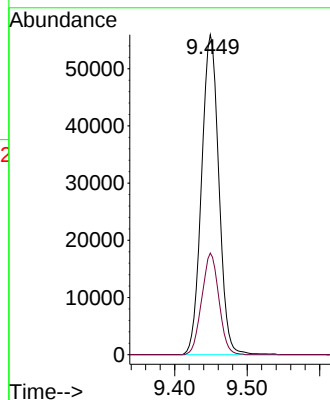
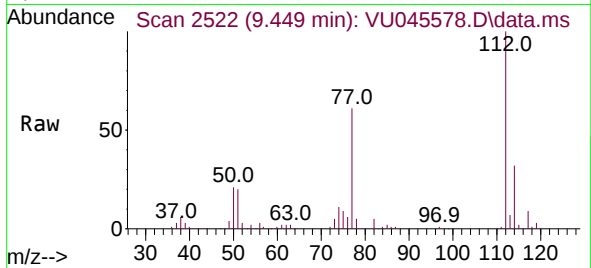
#65
Chlorobenzene
Concen: 20.275 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02

Tgt Ion:112 Resp: 92724
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

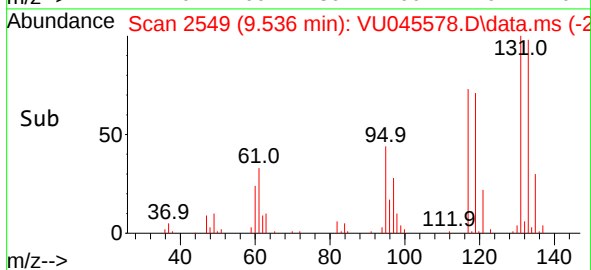
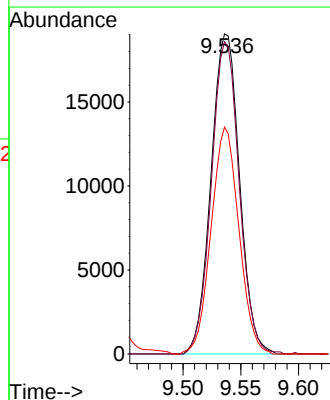
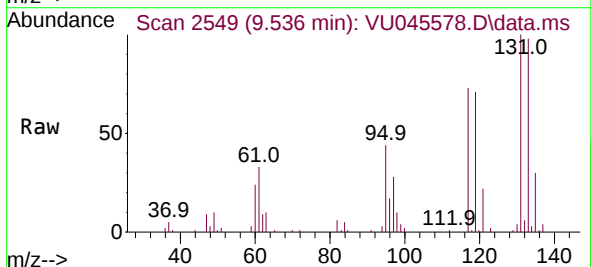
Manual Integrations
APPROVED

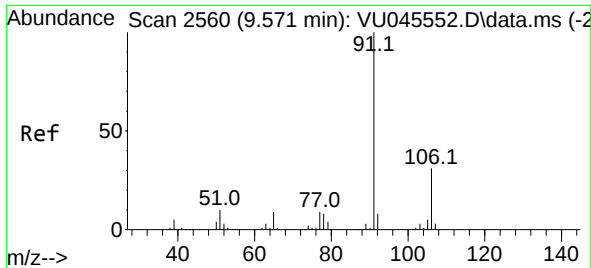
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 20.029 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

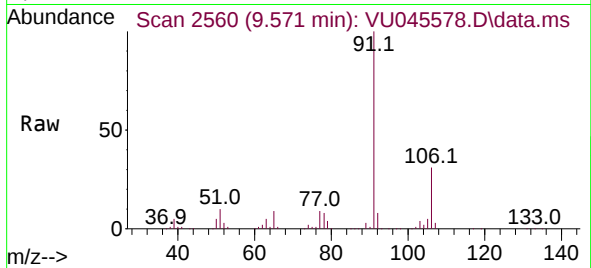
Tgt Ion:131 Resp: 32669
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.6
119 69.2 34.5 103.6





#67
Ethyl Benzene
Concen: 20.362 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

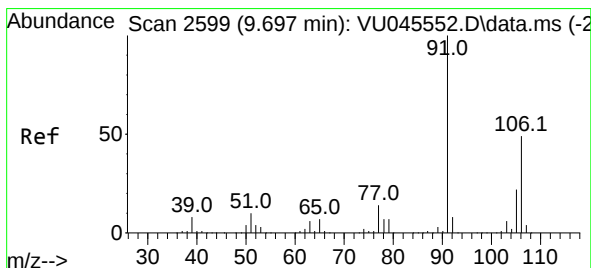
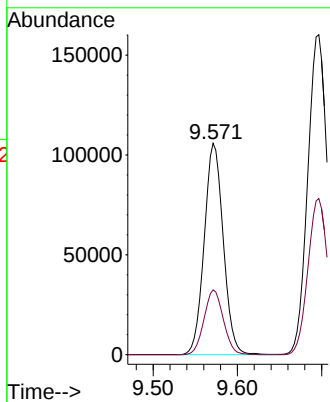
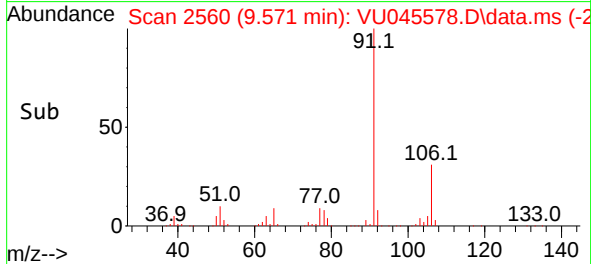
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02



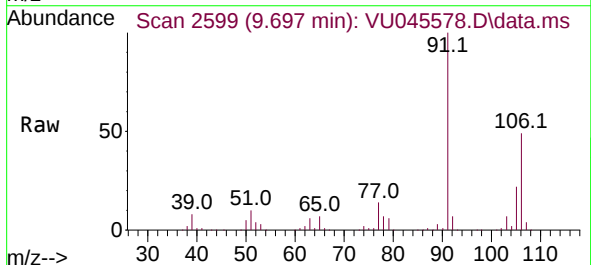
Tgt Ion: 91 Resp: 166764
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8

Manual Integrations
APPROVED

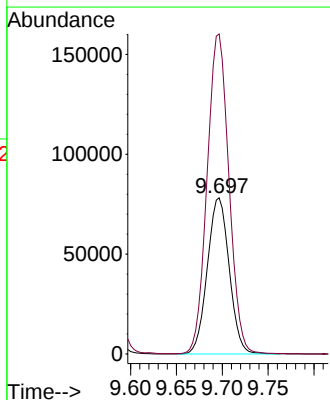
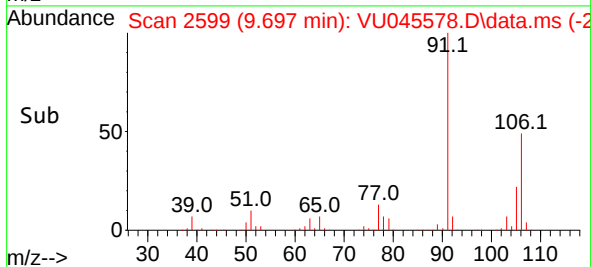
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

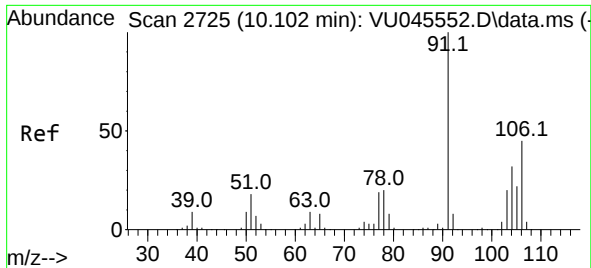


#68
m/p-Xylenes
Concen: 41.958 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28



Tgt Ion:106 Resp: 129599
Ion Ratio Lower Upper
106 100
91 205.0 164.7 247.1





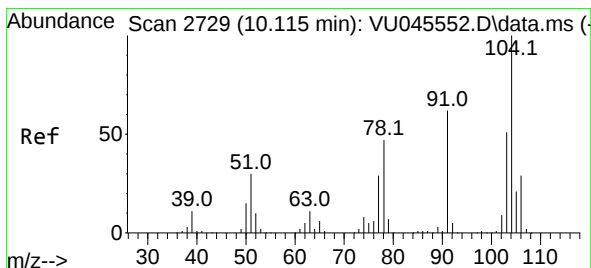
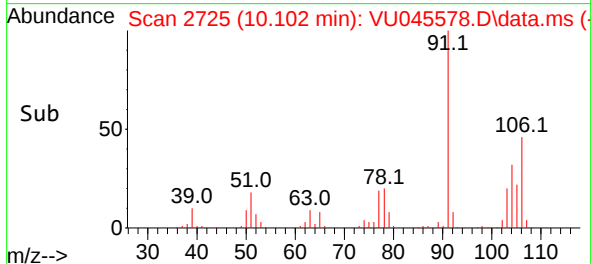
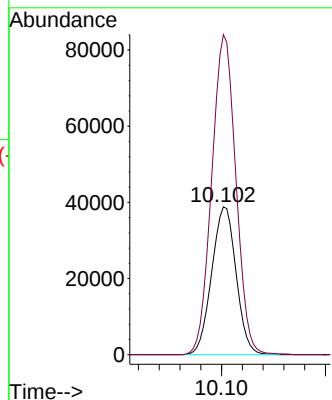
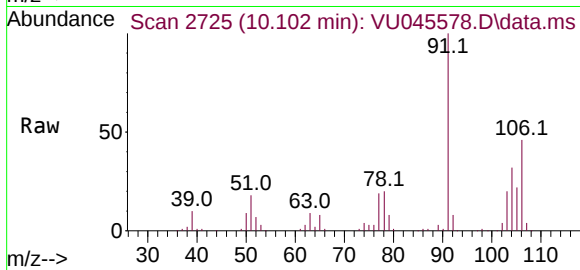
#69
o-Xylene
Concen: 21.063 ug/l
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02

Tgt Ion:106 Resp: 6325
Ion Ratio Lower Upper
106 100
91 214.6 108.7 326.3

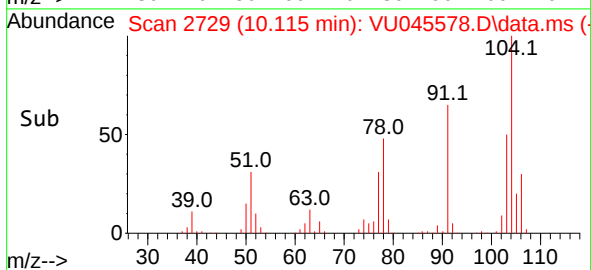
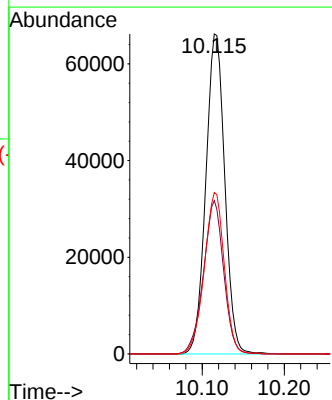
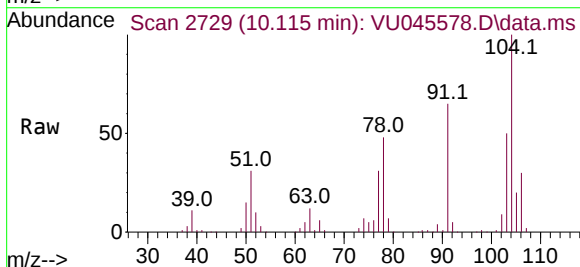
Manual Integrations
APPROVED

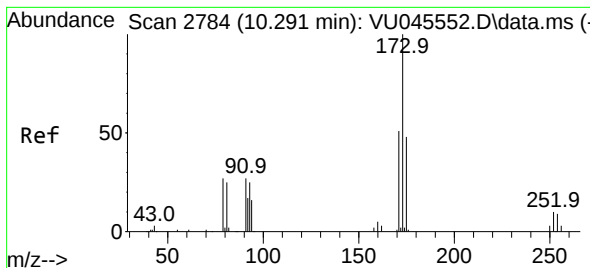
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#70
Styrene
Concen: 20.924 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

Tgt Ion:104 Resp: 106298
Ion Ratio Lower Upper
104 100
78 51.0 41.8 62.6
103 53.4 43.8 65.6





#71

Bromoform

Concen: 19.436 ug/l

RT: 10.291 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS02

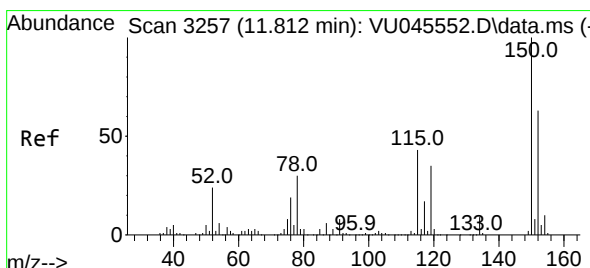
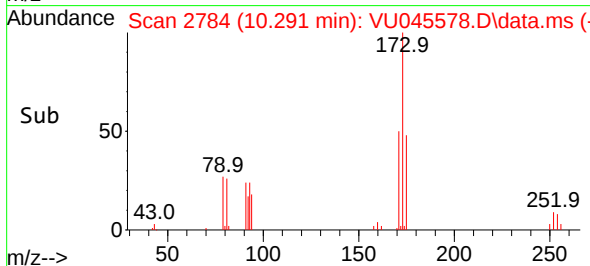
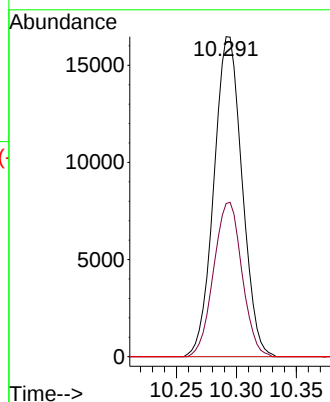
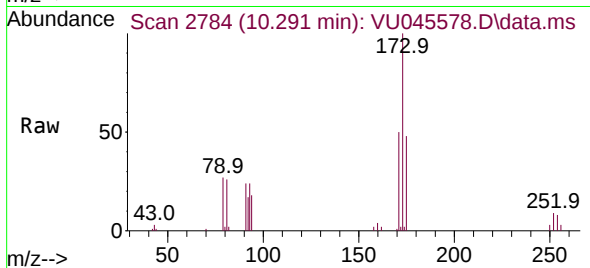
Tgt Ion:	173	Resp:	2690
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

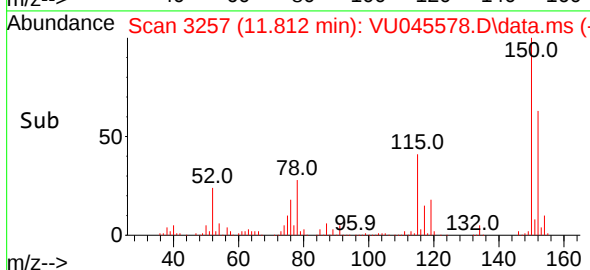
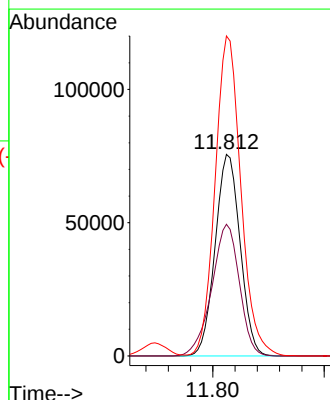
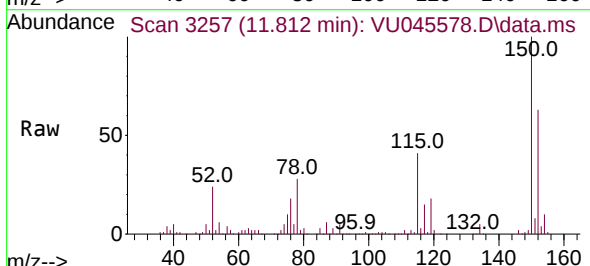
RT: 11.812 min Scan# 3257

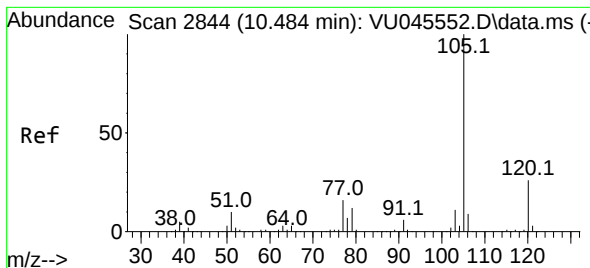
Delta R.T. -0.000 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Tgt Ion:	152	Resp:	117847
Ion Ratio	Lower	Upper	
152	100		
115	72.1	42.7	128.1
150	164.0	0.0	346.8





#73

Isopropylbenzene

Concen: 21.385 ug/l

RT: 10.488 min Scan# 2845

Delta R.T. 0.003 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS02

Tgt Ion:105 Resp: 164664

Ion Ratio Lower Upper

105 100

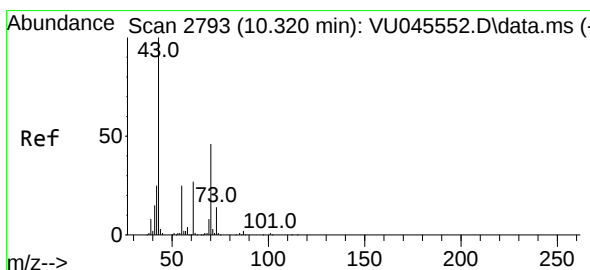
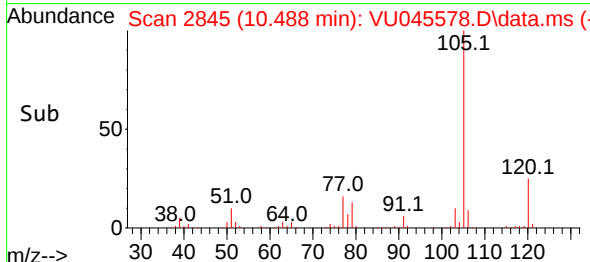
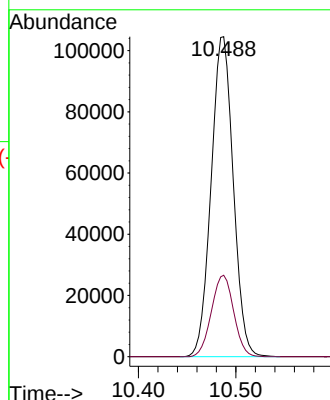
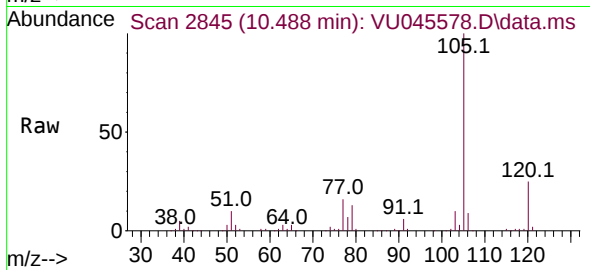
120 25.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#74

N-ethyl acetate

Concen: 20.466 ug/l

RT: 10.320 min Scan# 2793

Delta R.T. -0.000 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Tgt Ion: 43 Resp: 71091

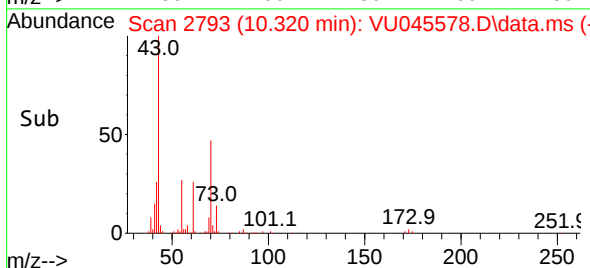
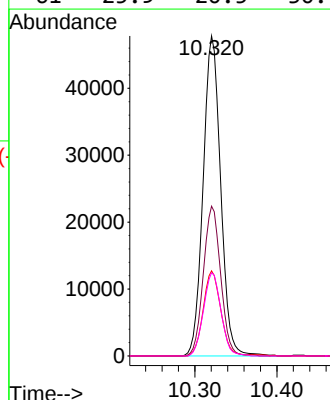
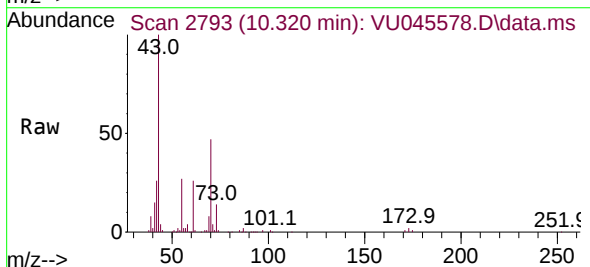
Ion Ratio Lower Upper

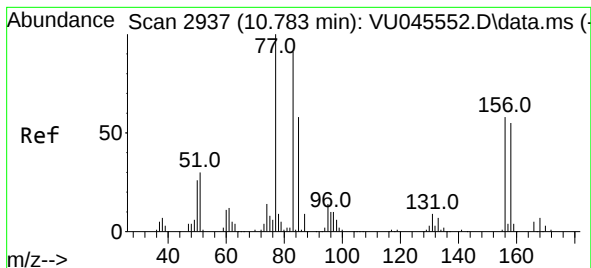
43 100

70 46.0 36.9 55.3

55 26.7 20.6 31.0

61 25.9 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.603 ug/l

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS02

Tgt Ion: 83 Resp: 6285

Ion Ratio Lower Upper

83 100

131 9.0 4.4 13.2

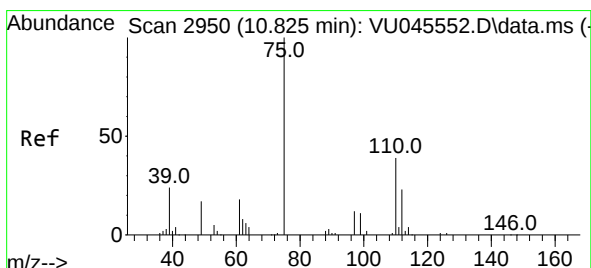
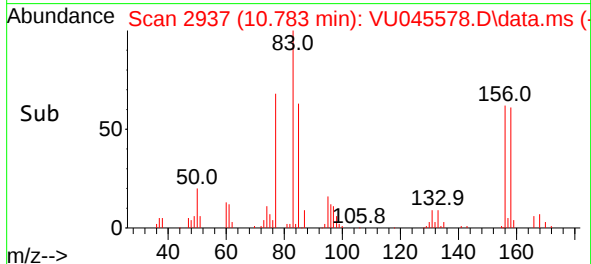
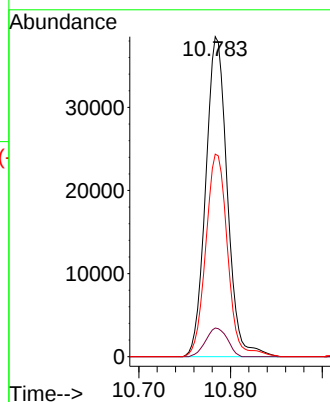
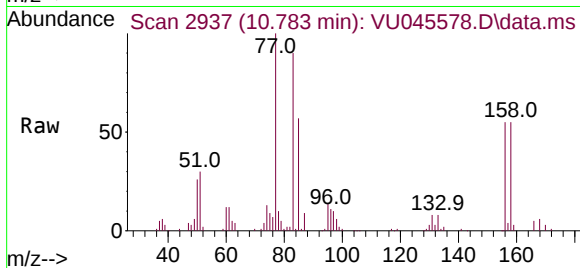
85 64.0 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#76

1,2,3-Trichloropropane

Concen: 15.945 ug/l m

RT: 10.825 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU045578.D

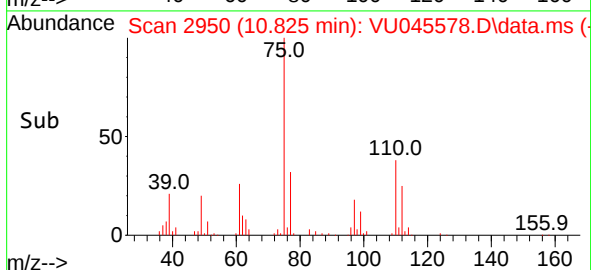
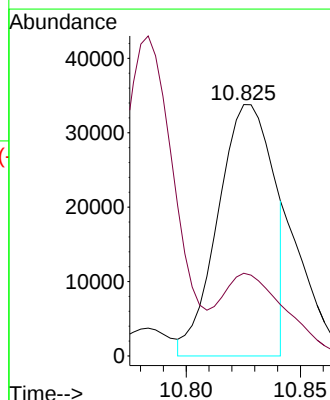
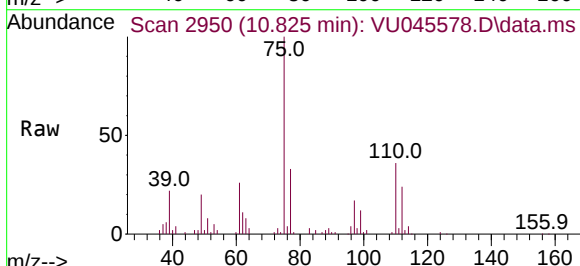
Acq: 05 Nov 2021 23:28

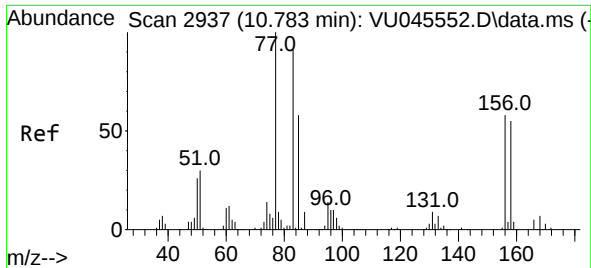
Tgt Ion: 75 Resp: 56984

Ion Ratio Lower Upper

75 100

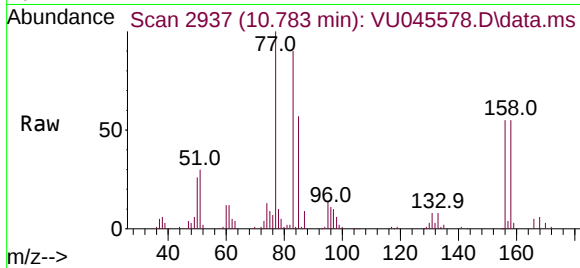
77 38.8 17.1 51.3





#77
Bromobenzene
Concen: 20.899 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

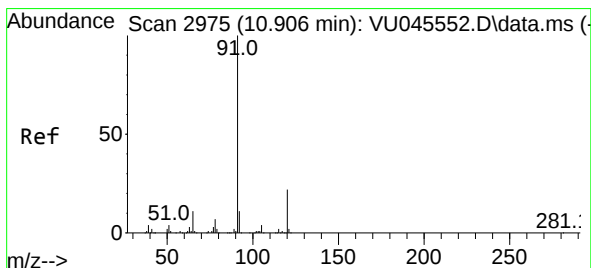
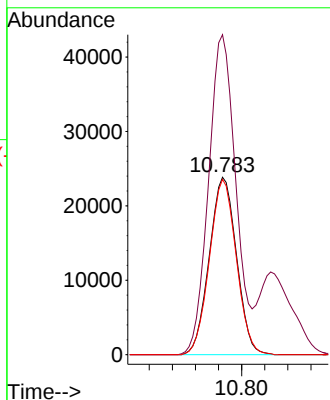
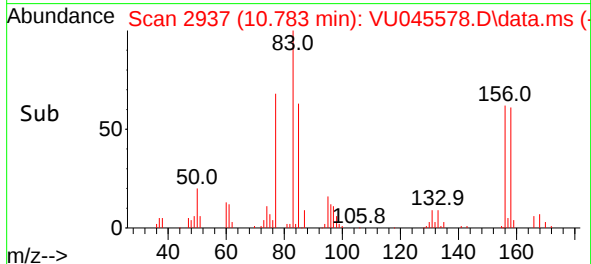
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02



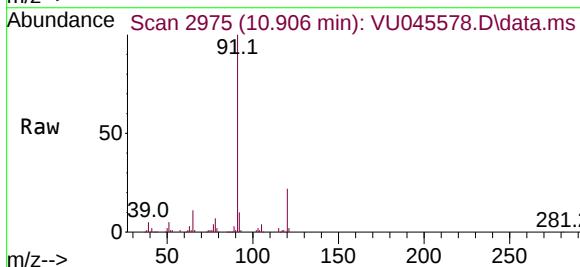
Tgt Ion:156 Resp: 3907
Ion Ratio Lower Upper
156 100
77 179.9 91.1 273.4
158 97.2 47.9 143.6

Manual Integrations
APPROVED

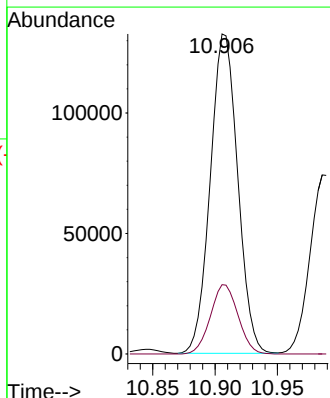
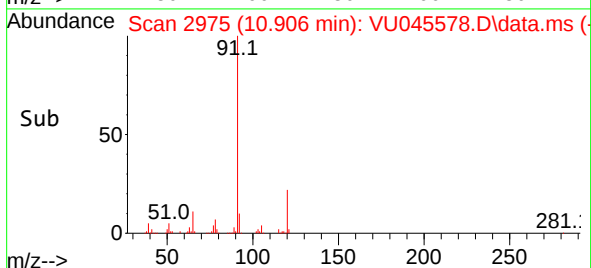
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

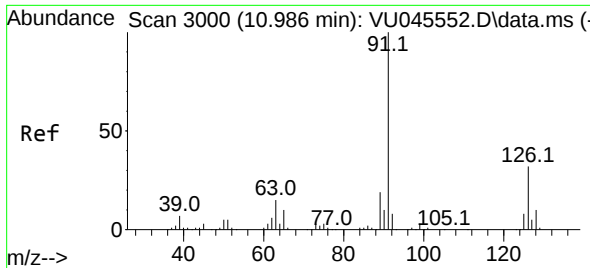


#78
n-propylbenzene
Concen: 21.198 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28



Tgt Ion: 91 Resp: 203153
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.7





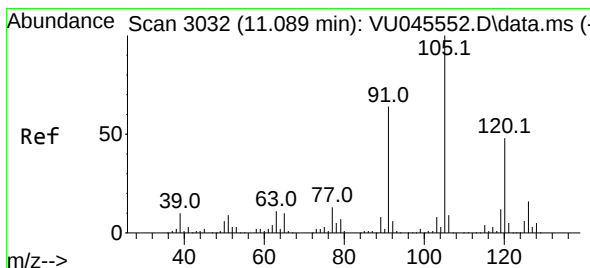
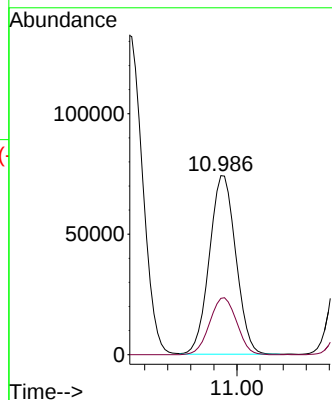
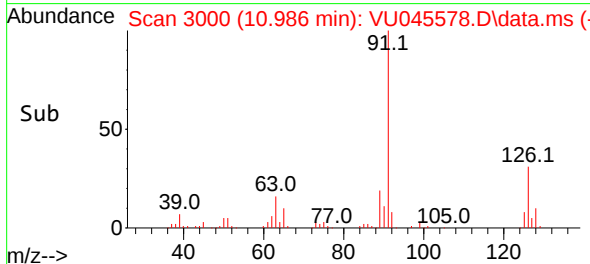
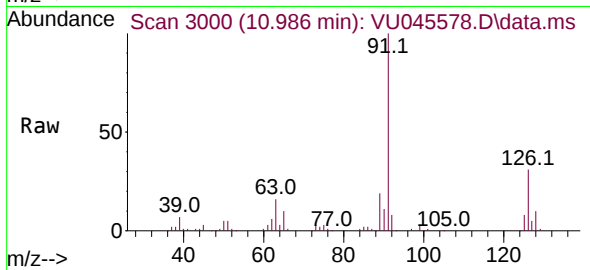
#79
2-Chlorotoluene
Concen: 20.818 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02

Tgt Ion: 91 Resp: 117869
Ion Ratio Lower Upper
91 100
126 32.6 15.6 46.8

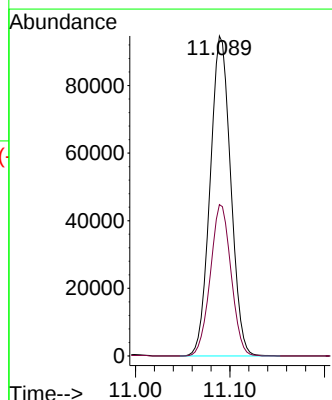
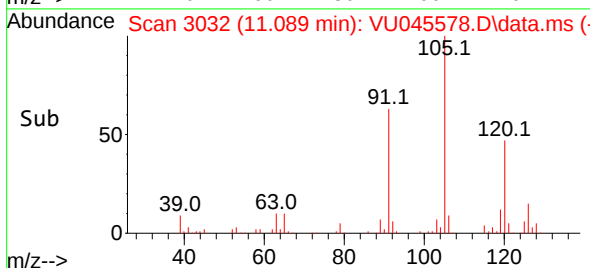
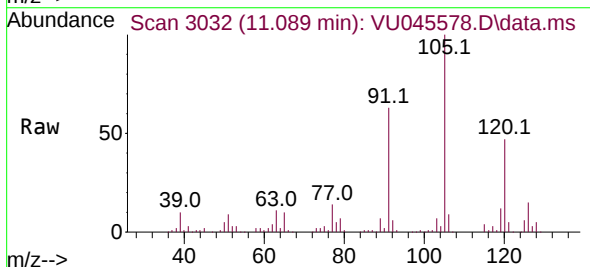
Manual Integrations
APPROVED

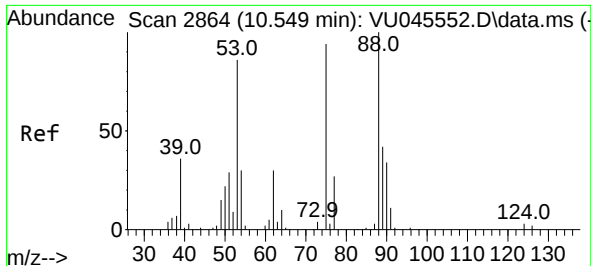
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#80
1,3,5-Trimethylbenzene
Concen: 21.240 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

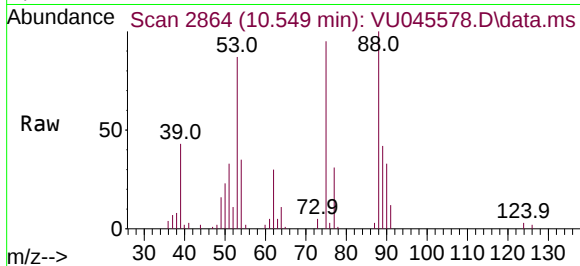
Tgt Ion:105 Resp: 142891
Ion Ratio Lower Upper
105 100
120 47.6 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 19.010 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

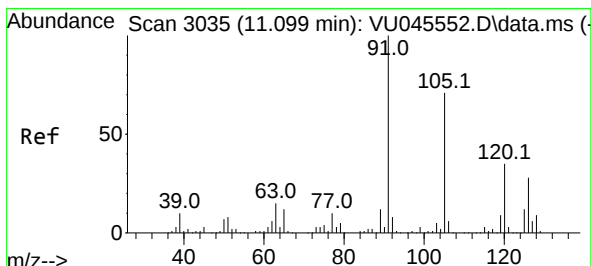
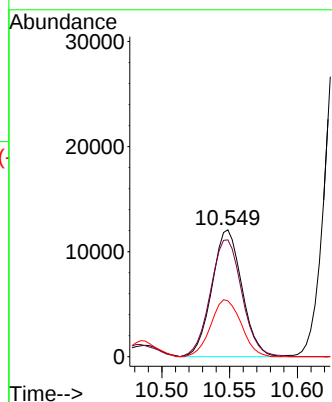
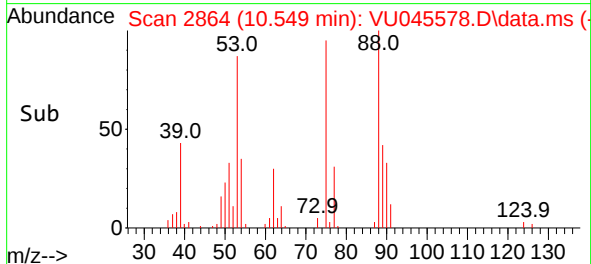
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02



Tgt Ion: 75 Resp: 18580
Ion Ratio Lower Upper
75 100
53 96.8 76.2 114.4
89 45.5 34.0 51.0

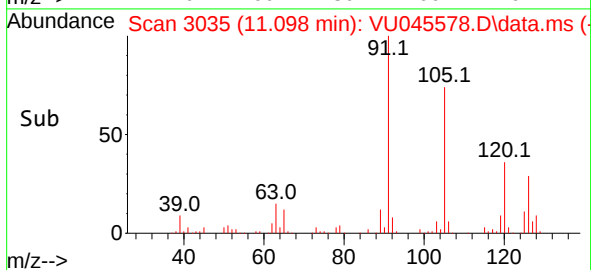
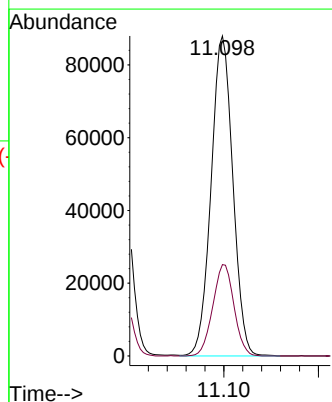
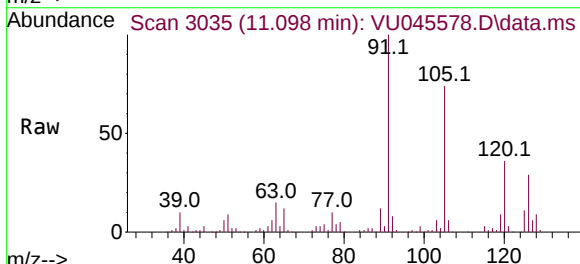
Manual Integrations
APPROVED

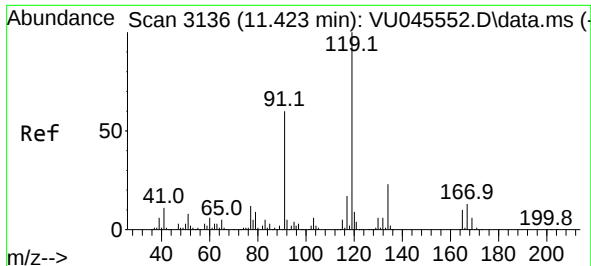
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#82
4-Chlorotoluene
Concen: 21.138 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

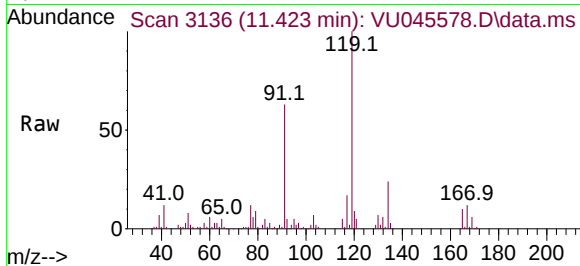
Tgt Ion: 91 Resp: 140357
Ion Ratio Lower Upper
91 100
126 27.8 13.8 41.4





#83
tert-Butylbenzene
Concen: 20.910 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

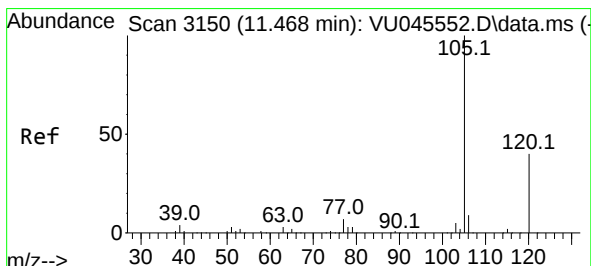
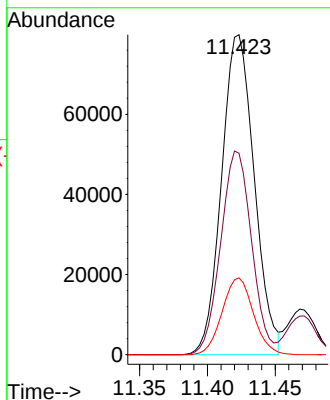
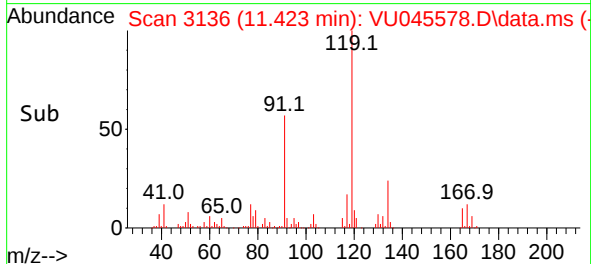
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02



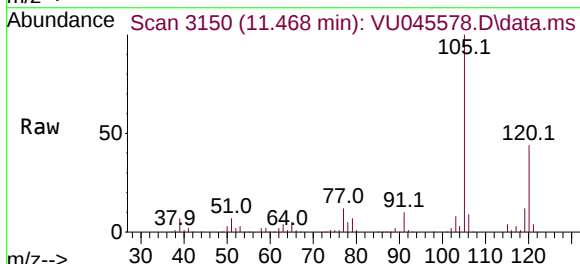
Tgt Ion:119 Resp: 134099
Ion Ratio Lower Upper
119 100
91 60.1 30.5 91.5
134 22.9 11.5 34.5

Manual Integrations
APPROVED

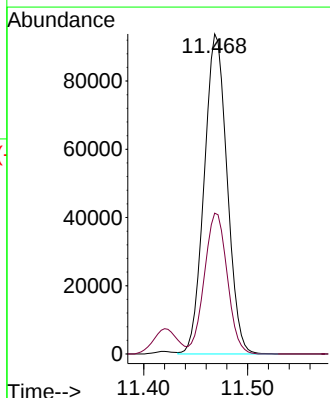
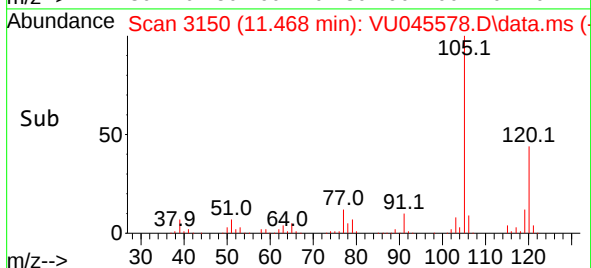
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

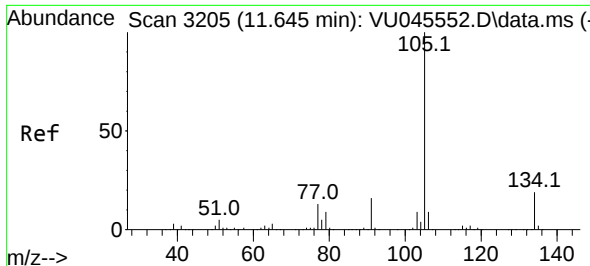


#84
1,2,4-Trimethylbenzene
Concen: 21.437 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28



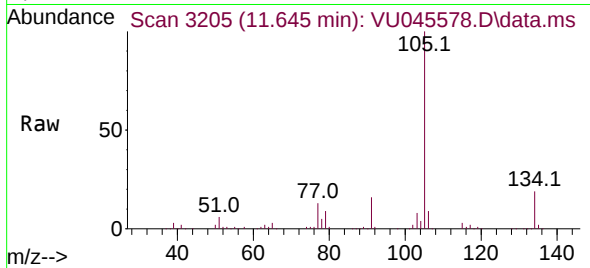
Tgt Ion:105 Resp: 143335
Ion Ratio Lower Upper
105 100
120 43.9 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 21.087 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. -0.000 min
 Lab File: VU045578.D
 Acq: 05 Nov 2021 23:28

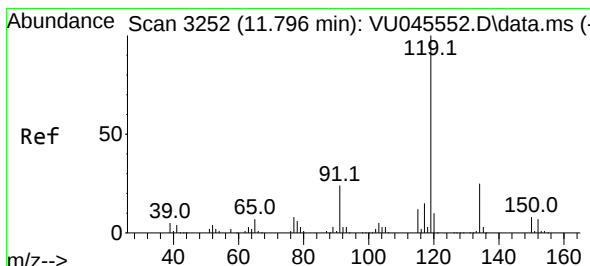
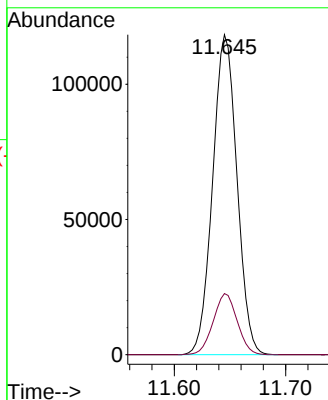
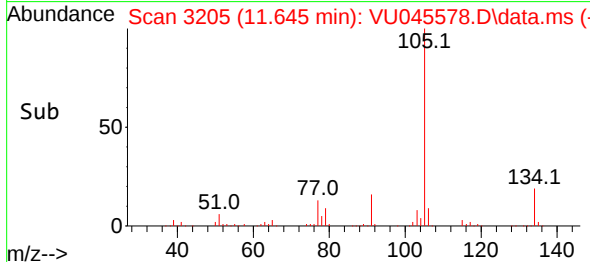
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS02



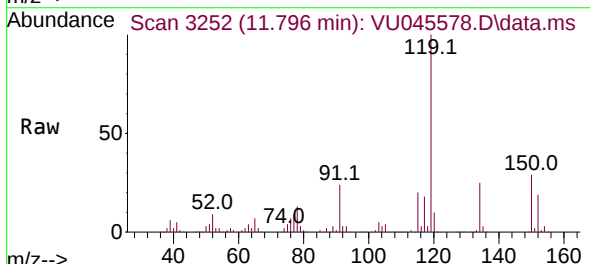
Tgt Ion:105 Resp: 179349
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.4 28.3

Manual Integrations
 APPROVED

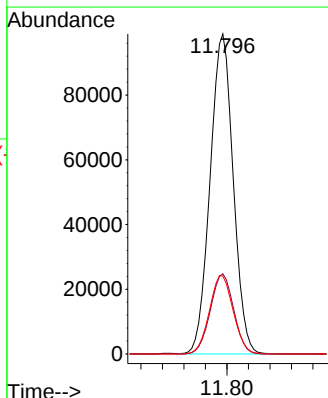
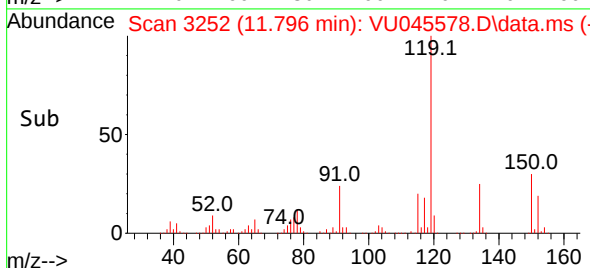
Reviewed By :John Carlone 11/08/2021
 Supervised By :Mahesh Dadoda 11/08/2021

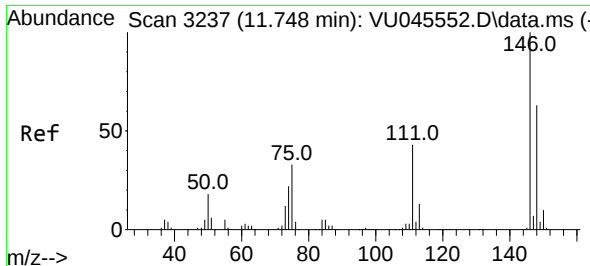


#86
 p-Isopropyltoluene
 Concen: 20.742 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. -0.000 min
 Lab File: VU045578.D
 Acq: 05 Nov 2021 23:28



Tgt Ion:119 Resp: 147425
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.1
 91 25.2 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 20.145 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. -0.000 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS02

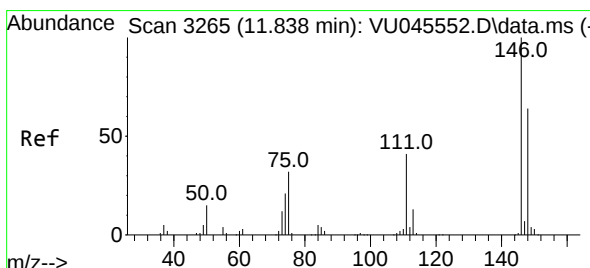
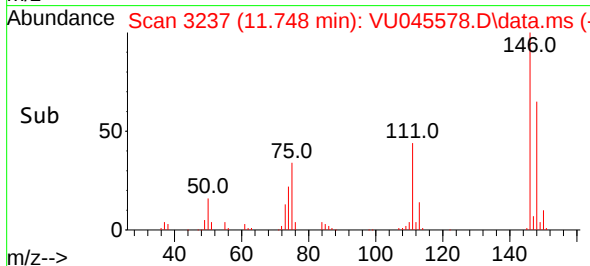
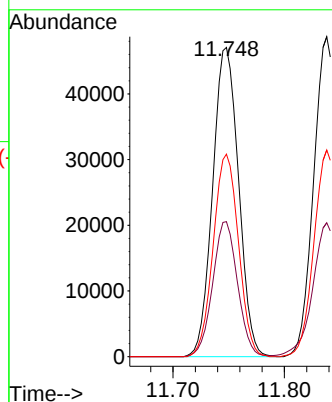
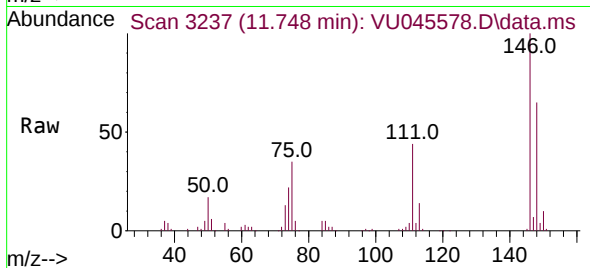
Tgt Ion:146 Resp: 75988
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.3 63.9
 148 63.9 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#88

1,4-Dichlorobenzene

Concen: 20.005 ug/l

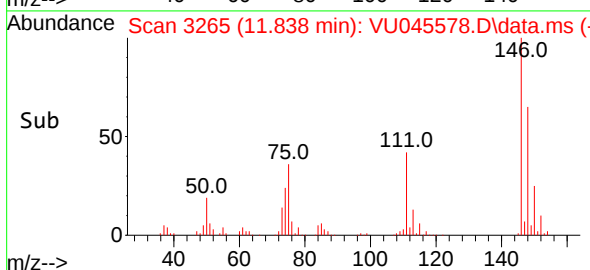
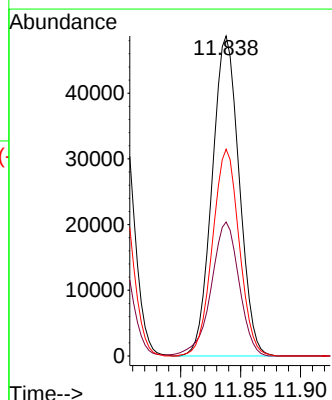
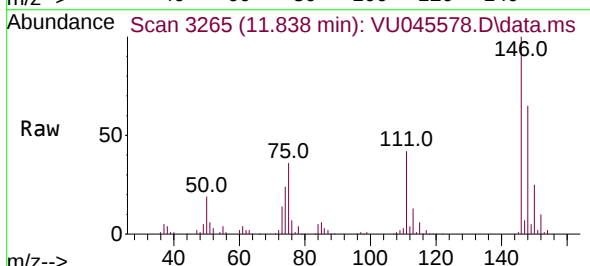
RT: 11.838 min Scan# 3265

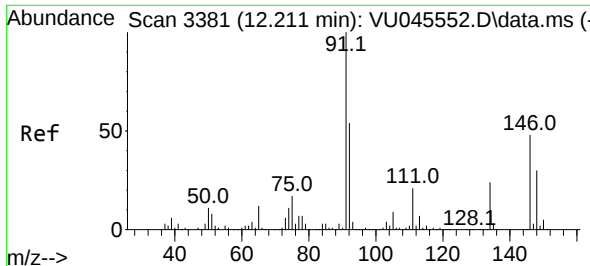
Delta R.T. -0.000 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Tgt Ion:146 Resp: 76319
 Ion Ratio Lower Upper
 146 100
 111 43.3 20.6 61.9
 148 64.0 31.9 95.7





#89

n-Butylbenzene

Concen: 19.963 ug/l

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Instrument :

MSVOA_U

ClientSampleId :

VU1105WBS02

Tgt Ion: 91 Resp: 136679

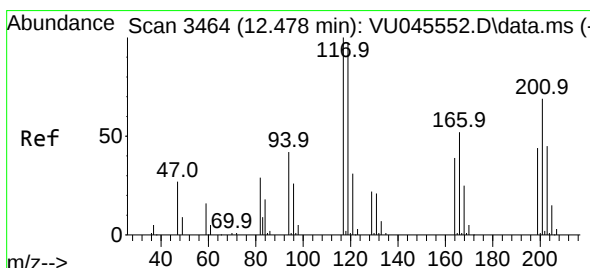
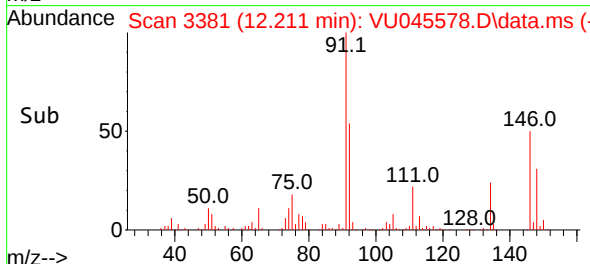
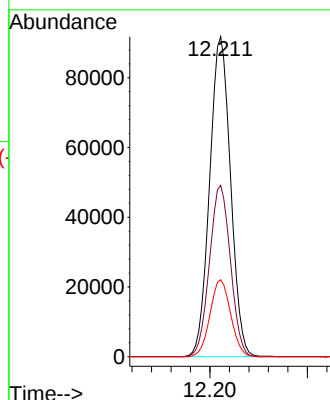
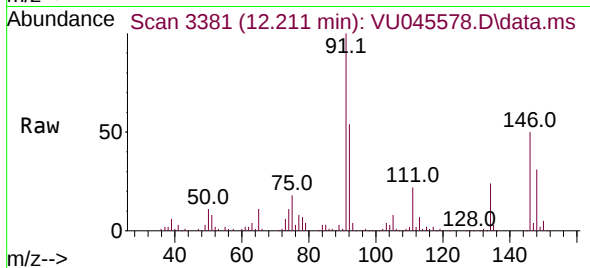
Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.1	81.2
134	23.7	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2021

Supervised By :Mahesh Dadoda 11/08/2021



#90

Hexachloroethane

Concen: 20.028 ug/l

RT: 12.478 min Scan# 3464

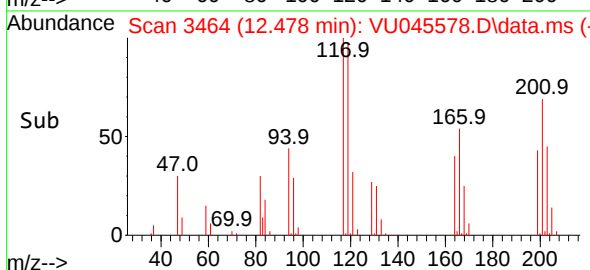
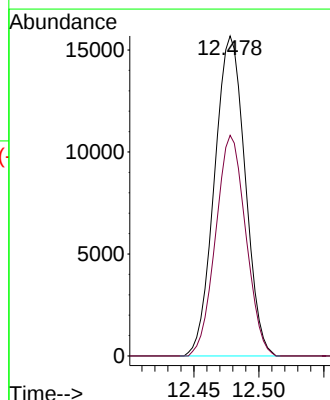
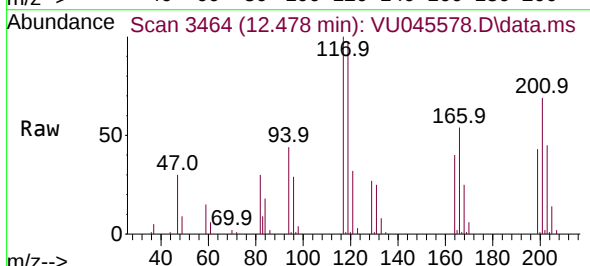
Delta R.T. -0.000 min

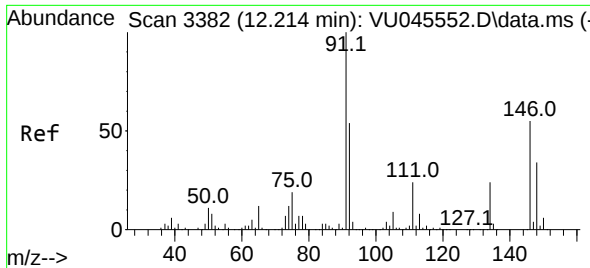
Lab File: VU045578.D

Acq: 05 Nov 2021 23:28

Tgt Ion:117 Resp: 25679

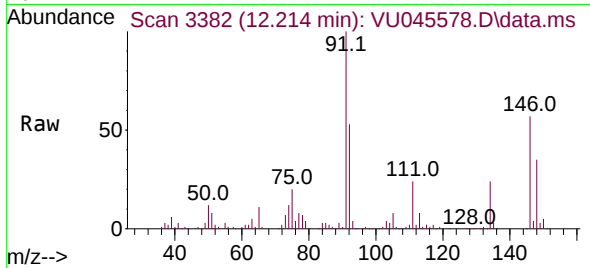
Ion	Ratio	Lower	Upper
117	100		
201	67.8	33.8	101.4





#91
1,2-Dichlorobenzene
Concen: 20.845 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

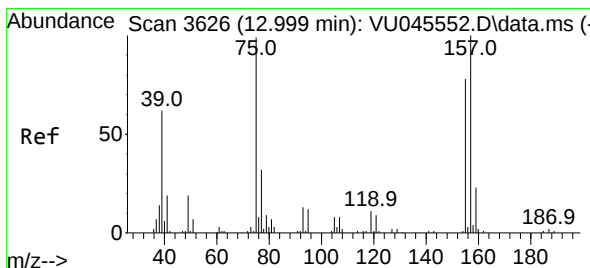
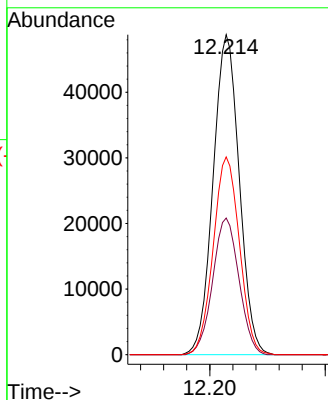
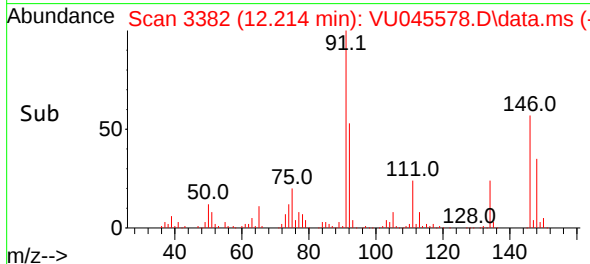
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02



Tgt Ion:146 Resp: 76499
Ion Ratio Lower Upper
146 100
111 43.0 21.9 65.5
148 62.0 32.1 96.3

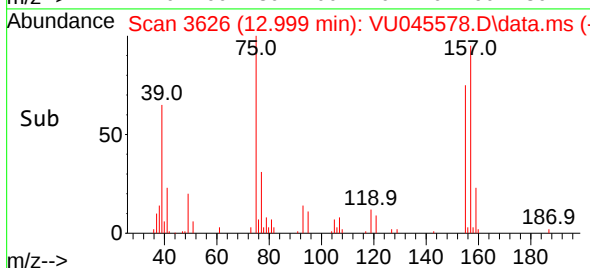
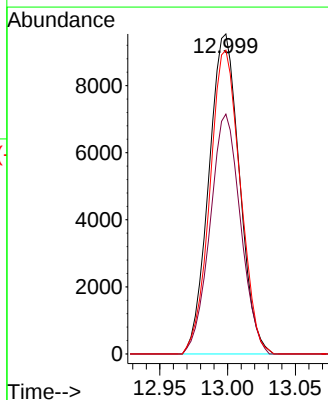
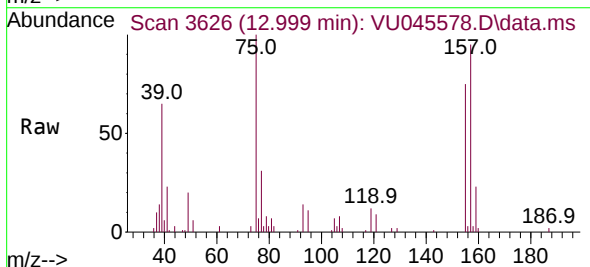
Manual Integrations
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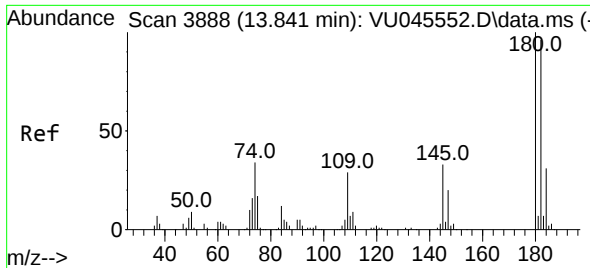
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.818 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

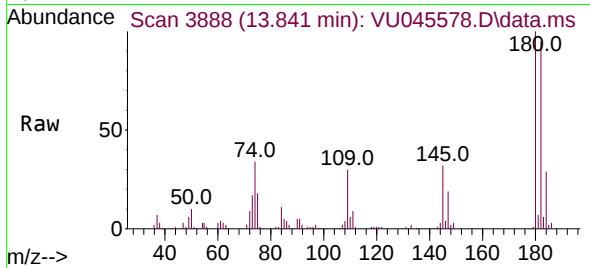
Tgt Ion: 75 Resp: 14986
Ion Ratio Lower Upper
75 100
155 74.5 37.8 113.3
157 94.2 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 20.082 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

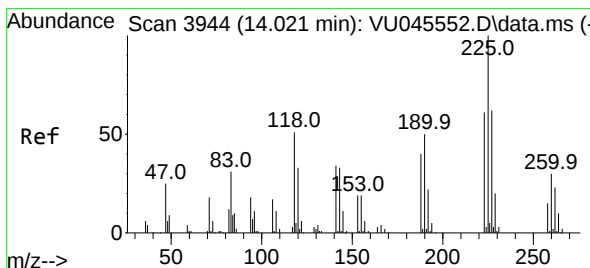
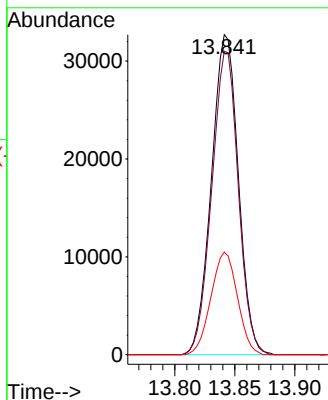
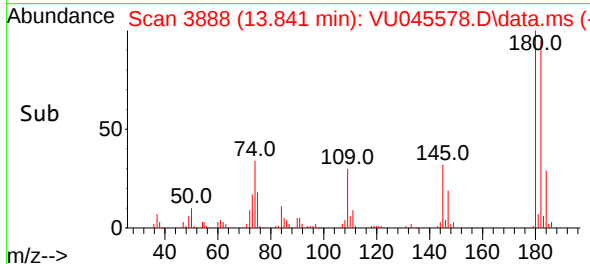
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02



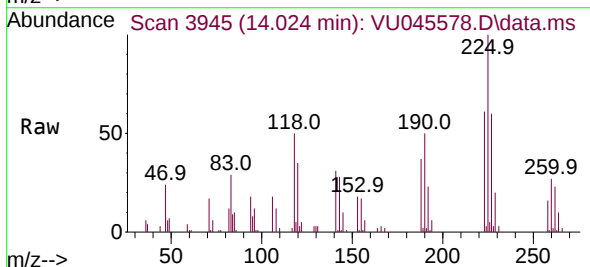
Tgt Ion:180 Resp: 5095
Ion Ratio Lower Upper
180 100
182 93.4 47.0 141.2
145 31.6 15.6 46.7

Manual Integrations
APPROVED

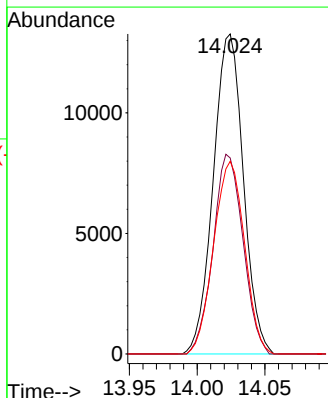
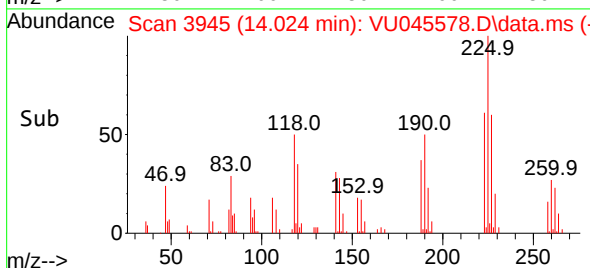
Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021

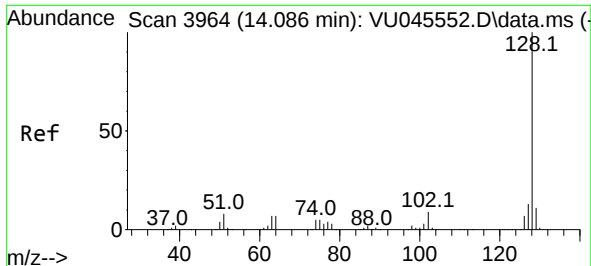


#94
Hexachlorobutadiene
Concen: 18.716 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28



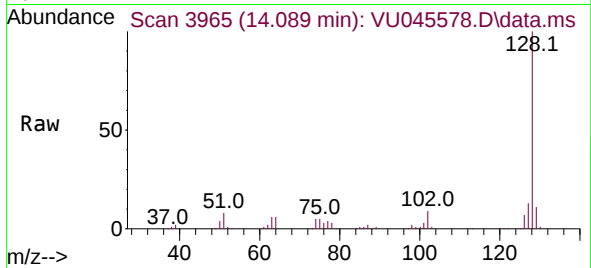
Tgt Ion:225 Resp: 20500
Ion Ratio Lower Upper
225 100
223 62.0 32.0 96.2
227 61.8 31.1 93.5





#95
Naphthalene
Concen: 19.507 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

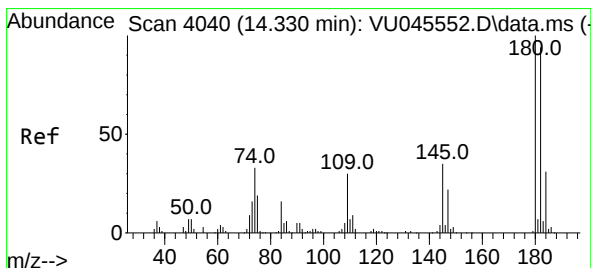
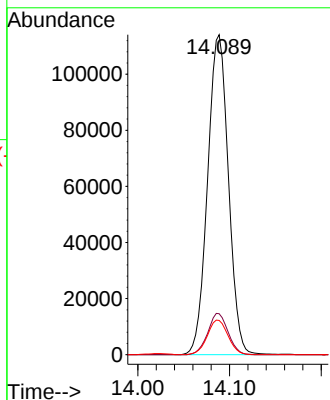
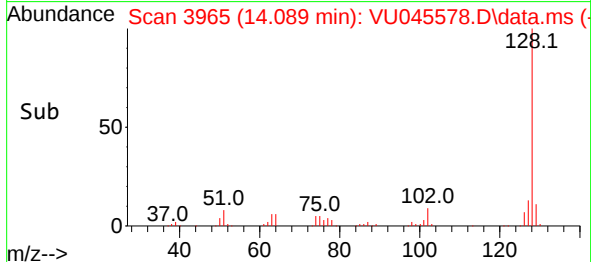
Instrument :
MSVOA_U
ClientSampleId :
VU1105WBS02



Tgt Ion:128 Resp: 17997
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/08/2021
Supervised By :Mahesh Dadoda 11/08/2021



#96
1,2,3-Trichlorobenzene
Concen: 20.387 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU045578.D
Acq: 05 Nov 2021 23:28

Tgt Ion:180 Resp: 51382
Ion Ratio Lower Upper
180 100
182 95.0 47.7 143.1
145 34.5 16.7 50.0

