

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110921\
 Data File : VU045679.D
 Acq On : 10 Nov 2021 00:01
 Operator : SY/MD
 Sample : VU1109WBSD02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1109WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2021
 Supervised By : Mahesh Dadoda 11/16/2021

Quant Time: Nov 10 02:05:27 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

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	119465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	213286	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	209485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	106115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	97996	54.773	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.540%			
35) Dibromofluoromethane	5.292	113	76561	53.765	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.520%			
50) Toluene-d8	7.899	98	286275	54.064	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.120%			
62) 4-Bromofluorobenzene	10.636	95	109368	51.508	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	31789	20.523	ug/l	99
3) Chloromethane	1.520	50	35381	19.964	ug/l	99
4) Vinyl Chloride	1.604	62	37110	21.496	ug/l	100
5) Bromomethane	1.851	94	23048	23.935	ug/l	98
6) Chloroethane	1.932	64	23051	20.460	ug/l	98
7) Trichlorofluoromethane	2.138	101	48214	21.120	ug/l	96
8) Diethyl Ether	2.379	74	19519	21.600	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.581	101	28146	21.114	ug/l	98
10) Methyl Iodide	2.723	142	27719	15.890	ug/l	91
11) Tert butyl alcohol	3.179	59	44656	126.102	ug/l	99
12) 1,1-Dichloroethene	2.578	96	27129	20.641	ug/l	99
13) Acrolein	2.485	56	6290	122.571	ug/l	98
14) Allyl chloride	2.925	41	48499	20.666	ug/l	98
15) Acrylonitrile	3.314	53	108543	114.802	ug/l	98
16) Acetone	2.626	43	88059	96.688	ug/l	100
17) Carbon Disulfide	2.793	76	72037	19.568	ug/l	99
18) Methyl Acetate	2.948	43	70538	22.739	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	103604	21.899	ug/l	98
20) Methylene Chloride	3.047	84	33872	21.404	ug/l	96
21) trans-1,2-Dichloroethene	3.353	96	29844	21.826	ug/l	99
22) Diisopropyl ether	3.996	45	103359	22.430	ug/l	95
23) Vinyl Acetate	3.957	43	393152	110.932	ug/l	100
24) 1,1-Dichloroethane	3.874	63	60548	22.050	ug/l	99
25) 2-Butanone	4.703	43	142991	113.199	ug/l	99
26) 2,2-Dichloropropane	4.668	77	39390	17.311	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	36479	22.714	ug/l	96
28) Bromochloromethane	4.977	49	26290	20.082	ug/l	97
29) Tetrahydrofuran	5.054	42	92718	119.998	ug/l	99
30) Chloroform	5.092	83	60761	22.374	ug/l	96
31) Cyclohexane	5.388	56	53537	20.508	ug/l	95
32) 1,1,1-Trichloroethane	5.321	97	51006	22.024	ug/l	99
36) 1,1-Dichloropropene	5.530	75	43960	21.138	ug/l	99
37) Ethyl Acetate	4.806	43	51775	21.672	ug/l	98
38) Carbon Tetrachloride	5.526	117	44082	21.025	ug/l	98
39) Methylcyclohexane	6.764	83	49748	19.498	ug/l	98
40) Benzene	5.777	78	129495	21.031	ug/l	99

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 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	28265	22.388	ug/l	99
42) 1,2-Dichloroethane	5.797	62	47976	21.571	ug/l	99
43) Isopropyl Acetate	5.912	43	78582	21.506	ug/l	99
44) Trichloroethene	6.546	130	34566	23.453	ug/l	99
45) 1,2-Dichloropropane	6.793	63	36111	22.165	ug/l	96
46) Dibromomethane	6.922	93	24512	21.714	ug/l	100
47) Bromodichloromethane	7.108	83	46590	21.751	ug/l	96
48) Methyl methacrylate	6.960	41	36984	21.990	ug/l	99
49) 1,4-Dioxane	6.964	88	21699	501.696	ug/l #	94
51) 4-Methyl-2-Pentanone	7.793	43	274403	113.841	ug/l	99
52) Toluene	7.973	92	83403	22.125	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	48661	19.768	ug/l	97
54) cis-1,3-Dichloropropene	7.610	75	53853	20.597	ug/l	96
55) 1,1,2-Trichloroethane	8.401	97	34532	22.103	ug/l	99
56) Ethyl methacrylate	8.337	69	52567	20.273	ug/l	96
57) 1,3-Dichloropropane	8.578	76	60625	21.545	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	127485	88.635	ug/l	99
59) 2-Hexanone	8.684	43	210098	104.688	ug/l	98
60) Dibromochloromethane	8.813	129	34592	21.264	ug/l	96
61) 1,2-Dibromoethane	8.925	107	35518	21.197	ug/l	99
64) Tetrachloroethene	8.555	164	27842	23.156	ug/l	96
65) Chlorobenzene	9.449	112	86311	20.976	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	30489	20.775	ug/l	99
67) Ethyl Benzene	9.571	91	153963	20.894	ug/l	100
68) m/p-Xylenes	9.697	106	118439	42.618	ug/l	99
69) o-Xylene	10.102	106	57727	21.366	ug/l	99
70) Styrene	10.115	104	97998	21.440	ug/l	98
71) Bromoform	10.295	173	25747	20.478	ug/l #	98
73) Isopropylbenzene	10.488	105	152399	21.980	ug/l	99
74) N-amyl acetate	10.320	43	64794	20.715	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	59506	21.662	ug/l	100
76) 1,2,3-Trichloropropane	10.829	75	56936m	17.693	ug/l	
77) Bromobenzene	10.783	156	36089	21.438	ug/l	96
78) n-propylbenzene	10.909	91	183583	21.274	ug/l	99
79) 2-Chlorotoluene	10.989	91	110207	21.616	ug/l	100
80) 1,3,5-Trimethylbenzene	11.089	105	130523	21.546	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	15254	17.592	ug/l	97
82) 4-Chlorotoluene	11.099	91	128413	21.477	ug/l	99
83) tert-Butylbenzene	11.423	119	123424	21.373	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	130202	21.626	ug/l	100
85) sec-Butylbenzene	11.645	105	162337	21.197	ug/l	100
86) p-Isopropyltoluene	11.796	119	134156	20.962	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	70221	20.674	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	70987	20.664	ug/l	99
89) n-Butylbenzene	12.211	91	122247	19.829	ug/l	99
90) Hexachloroethane	12.478	117	21950	19.012	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	69625	21.070	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	13417	20.699	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	45007	19.698	ug/l	99
94) Hexachlorobutadiene	14.025	225	18404	18.660	ug/l	99
95) Naphthalene	14.089	128	166018	19.959	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	47006	20.712	ug/l	99

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ALS Vial : 35 Sample Multiplier: 1

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ClientSampleId :
VU1109WBSD02

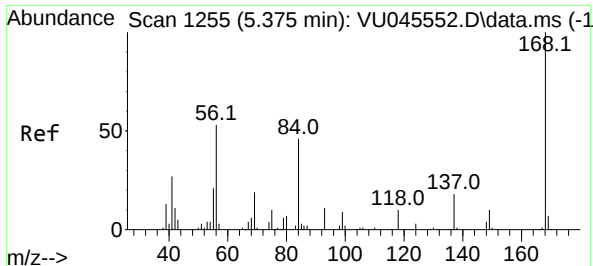
Manual Integrations
APPROVED

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Quant Time: Nov 10 02:05:27 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

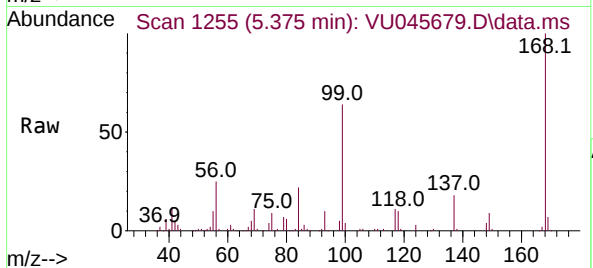
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045679.D
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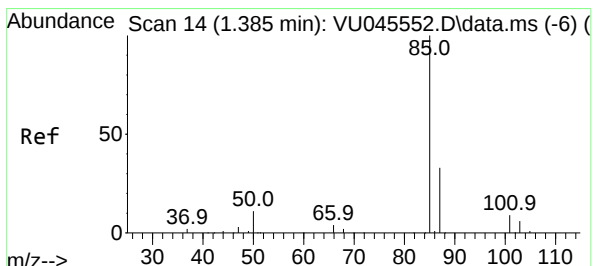
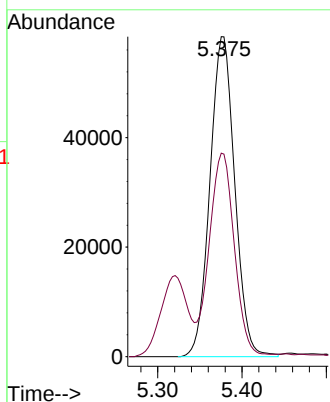
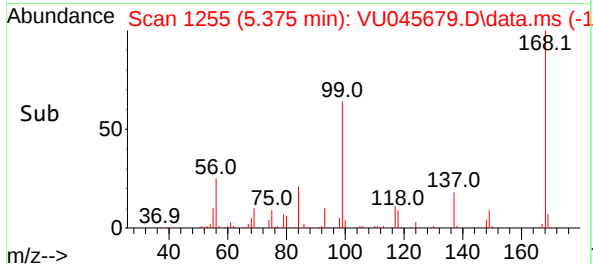
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02



Tgt Ion:168 Resp: 11946
Ion Ratio Lower Upper
168 100
99 62.9 51.0 76.6

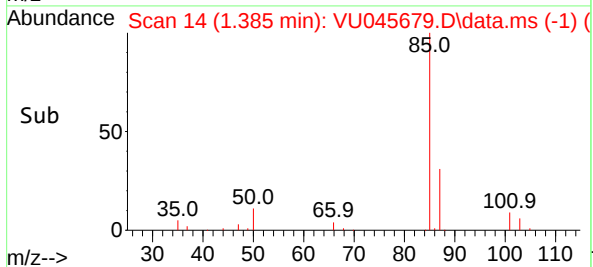
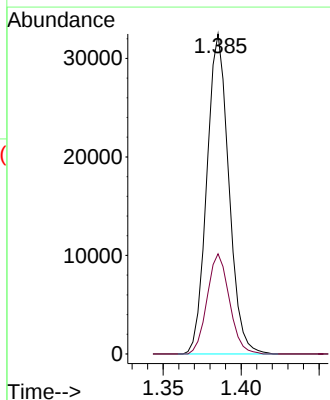
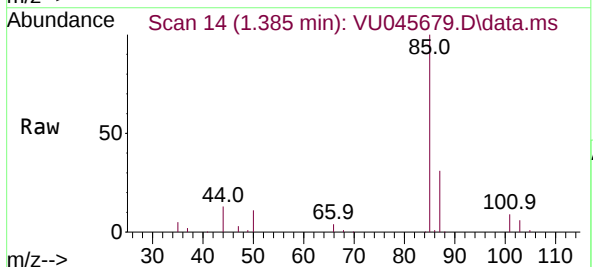
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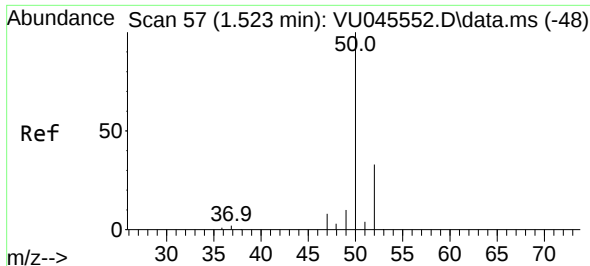
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#2
Dichlorodifluoromethane
Concen: 20.523 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

Tgt Ion: 85 Resp: 31789
Ion Ratio Lower Upper
85 100
87 31.3 15.9 47.7





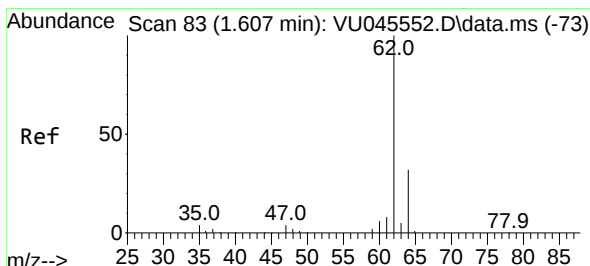
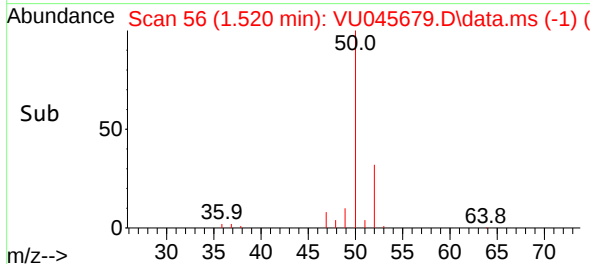
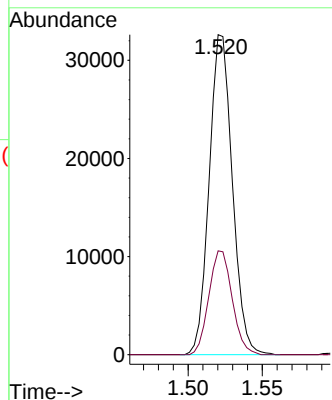
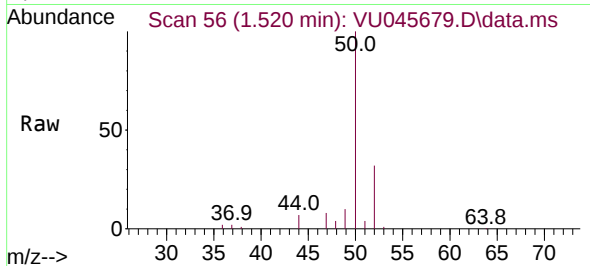
#3
Chloromethane
Concen: 19.964 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

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VU1109WBSD02

Tgt Ion: 50 Resp: 3538
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0

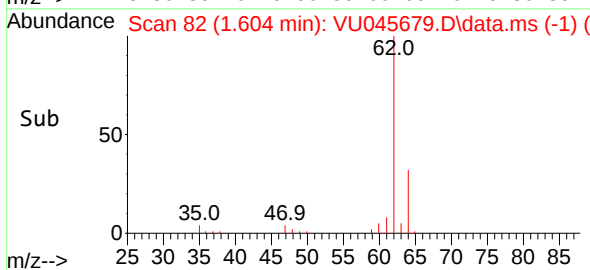
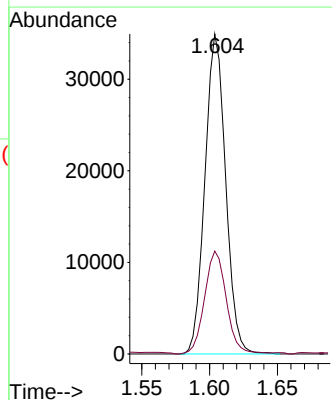
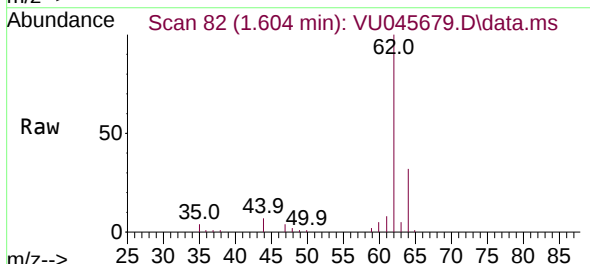
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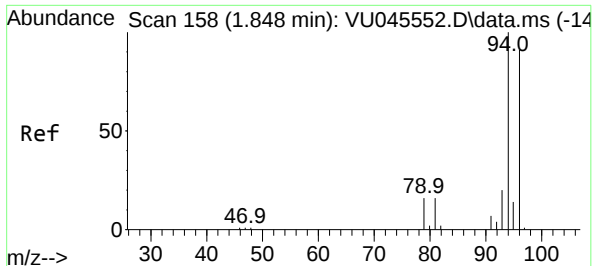
Reviewed By :John Carlone 11/10/2021
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#4
Vinyl Chloride
Concen: 21.496 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

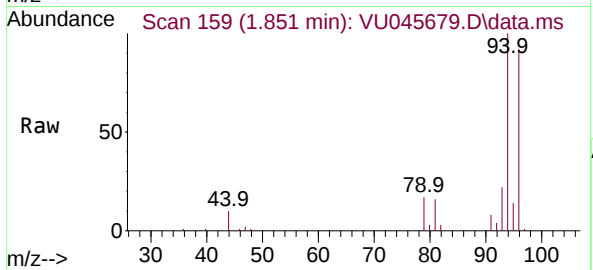
Tgt Ion: 62 Resp: 37110
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6





#5
Bromomethane
Concen: 23.935 ug/l
RT: 1.851 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

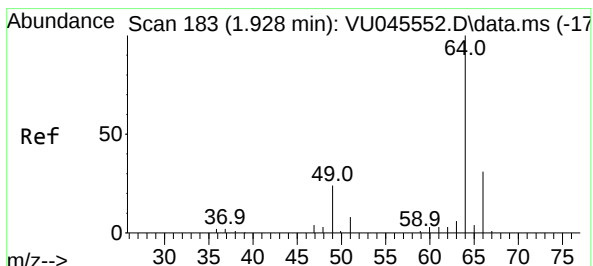
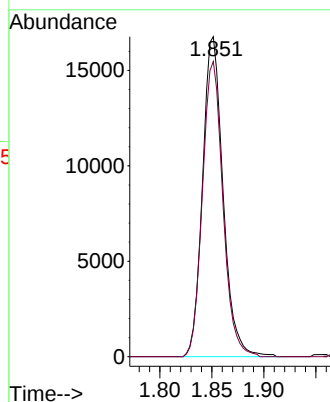
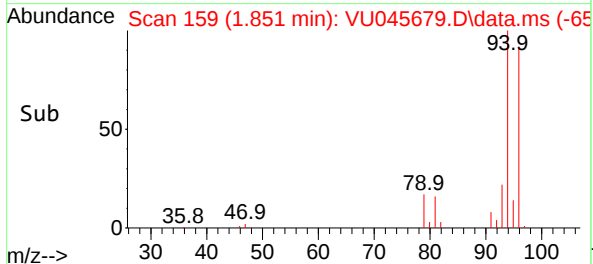
Instrument :
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Tgt Ion: 94 Resp: 23048
Ion Ratio Lower Upper
94 100
96 92.2 75.4 113.2

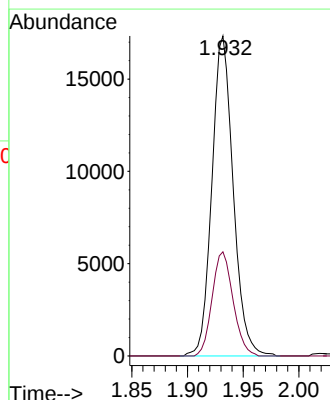
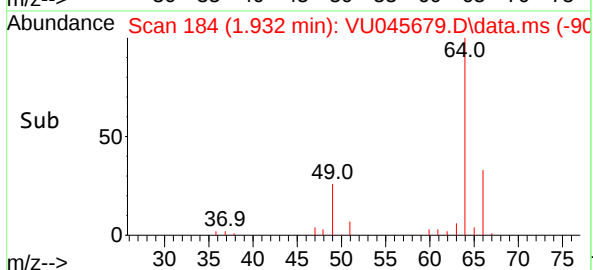
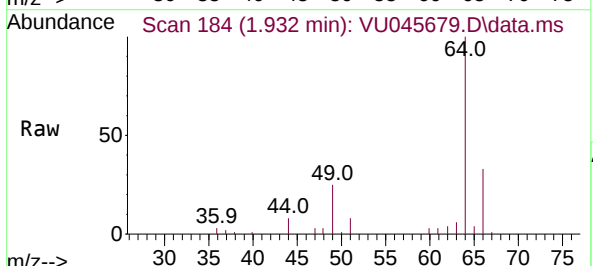
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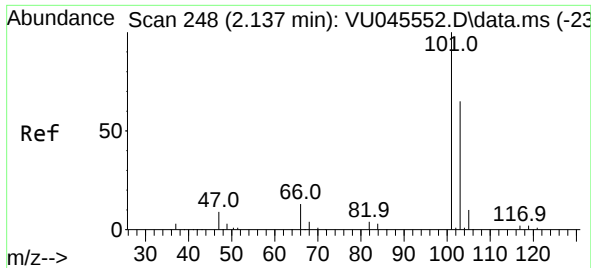
Reviewed By :John Carlone 11/10/2021
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#6
Chloroethane
Concen: 20.460 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

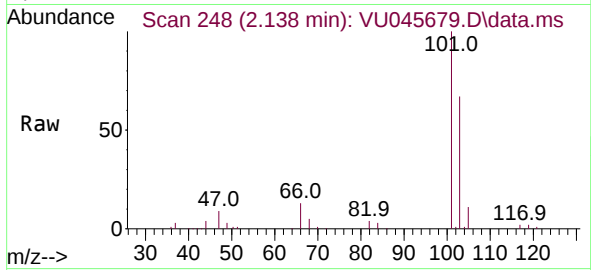
Tgt Ion: 64 Resp: 23051
Ion Ratio Lower Upper
64 100
66 32.5 26.7 40.1





#7
Trichlorofluoromethane
Concen: 21.120 ug/l
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

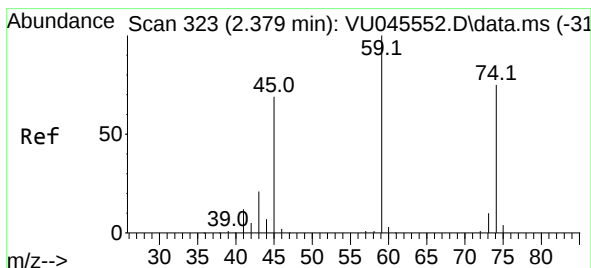
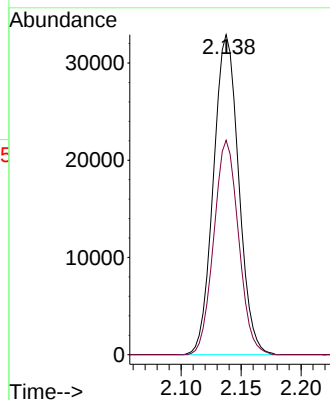
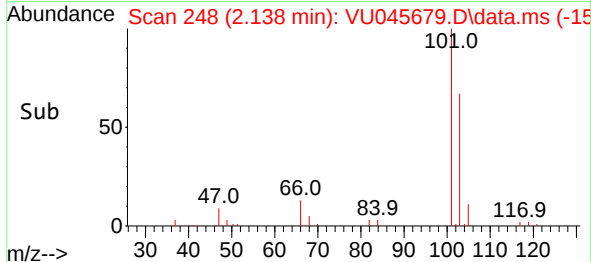
Instrument :
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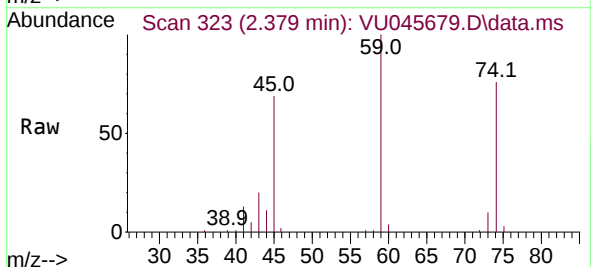
Tgt Ion:101 Resp: 48214
Ion Ratio Lower Upper
101 100
103 67.0 51.4 77.0

Manual Integrations
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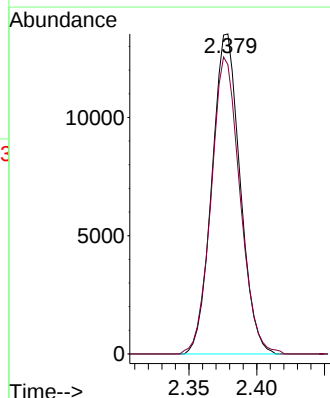
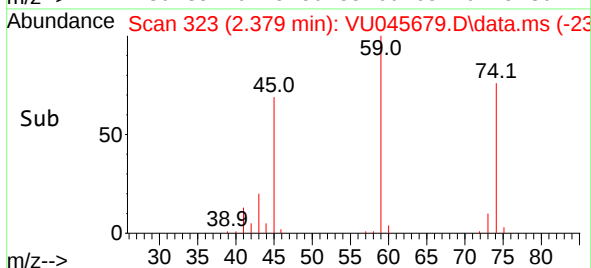
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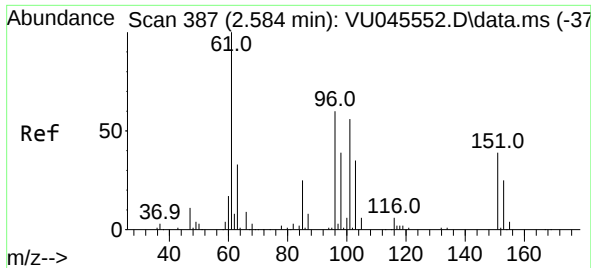


#8
Diethyl Ether
Concen: 21.600 ug/l
RT: 2.379 min Scan# 323
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01



Tgt Ion: 74 Resp: 19519
Ion Ratio Lower Upper
74 100
45 95.0 47.3 141.8





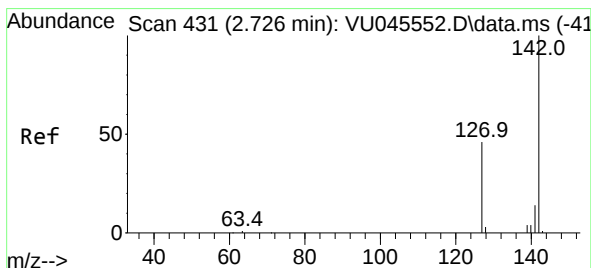
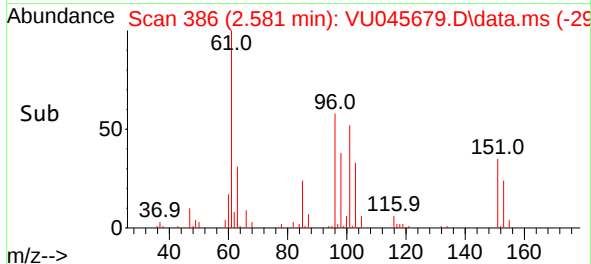
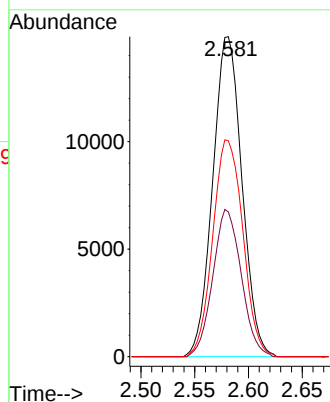
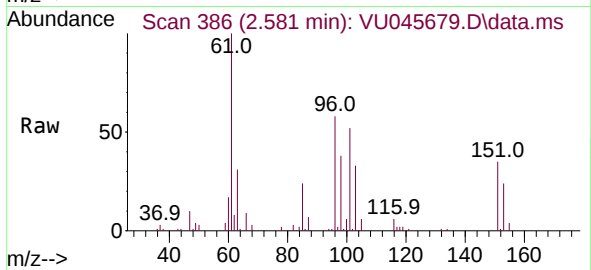
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.114 ug/l
RT: 2.581 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02

Tgt Ion:101 Resp: 28140
Ion Ratio Lower Upper
101 100
85 44.7 35.0 52.4
151 69.7 54.6 82.0

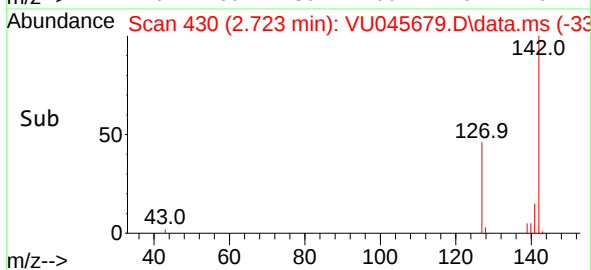
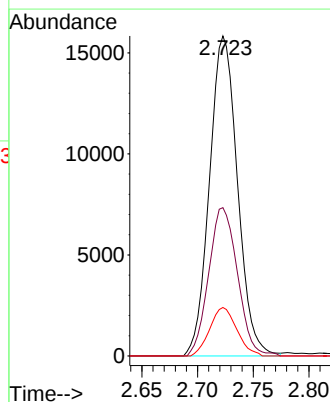
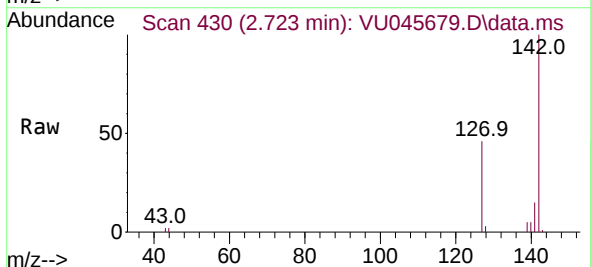
Manual Integrations
APPROVED

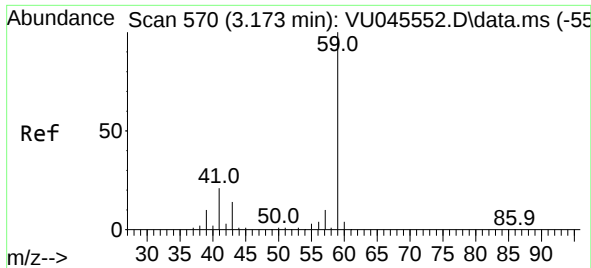
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#10
Methyl Iodide
Concen: 15.890 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

Tgt Ion:142 Resp: 27719
Ion Ratio Lower Upper
142 100
127 47.6 32.2 48.2
141 14.6 11.3 16.9





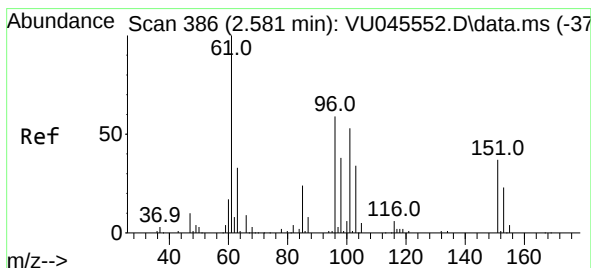
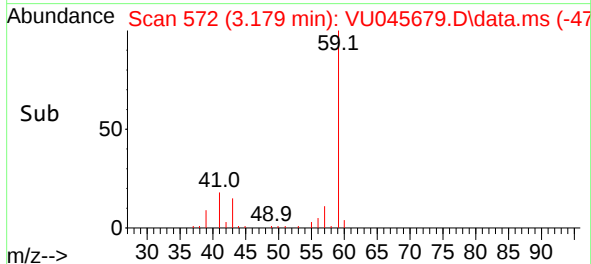
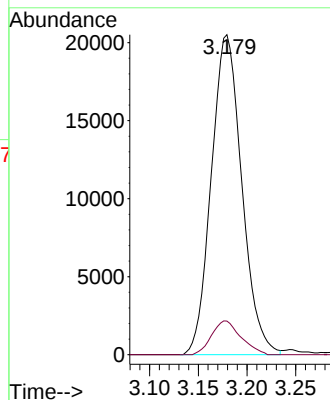
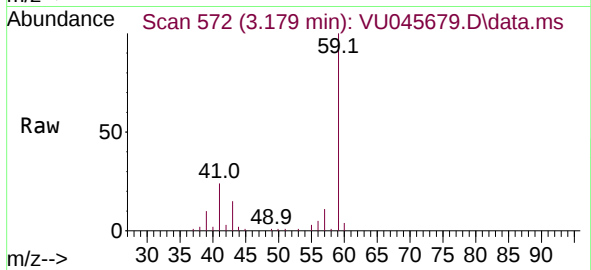
#11
Tert butyl alcohol
Concen: 126.102 ug/l
RT: 3.179 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02

Tgt Ion: 59 Resp: 44650
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

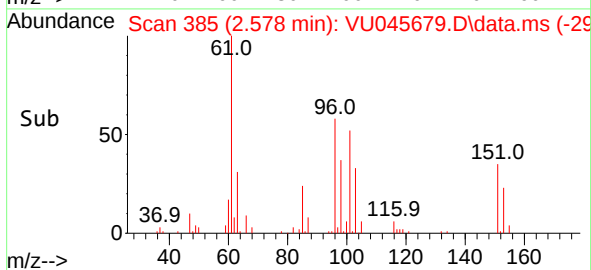
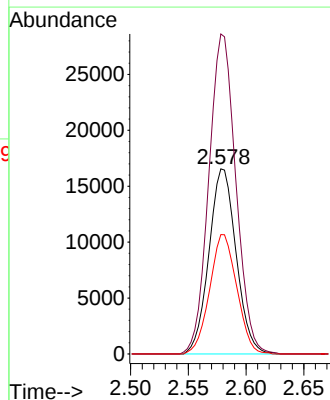
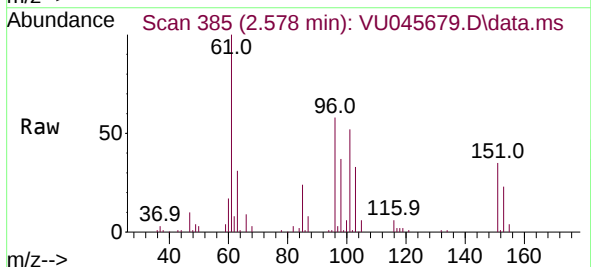
Manual Integrations
APPROVED

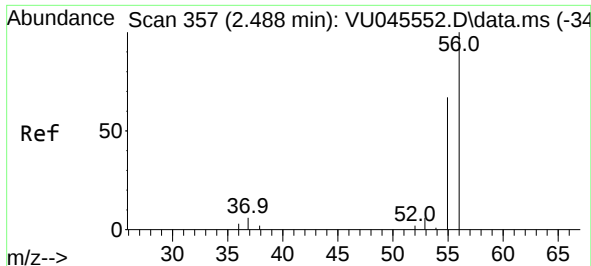
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#12
1,1-Dichloroethene
Concen: 20.641 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

Tgt Ion: 96 Resp: 27129
Ion Ratio Lower Upper
96 100
61 172.9 137.1 205.7
98 64.5 51.5 77.3





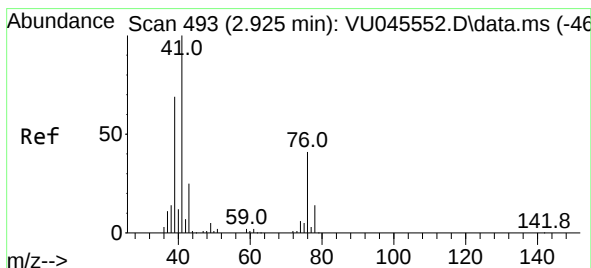
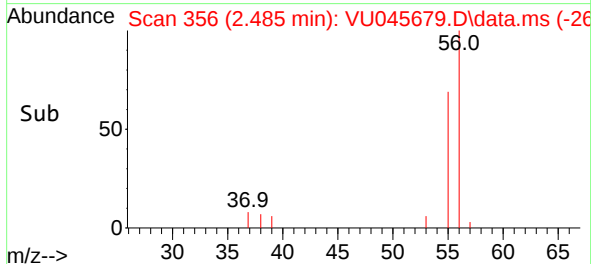
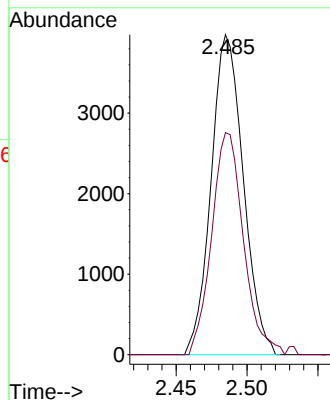
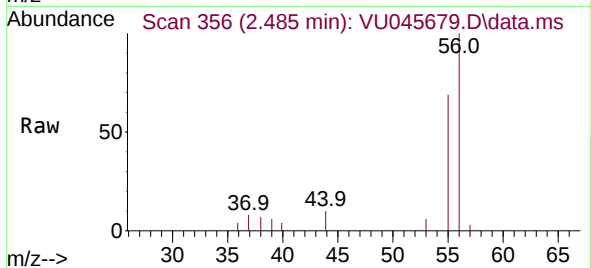
#13
Acrolein
Concen: 122.571 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02

Tgt Ion: 56 Resp: 6290
Ion Ratio Lower Upper
56 100
55 68.4 56.3 84.5

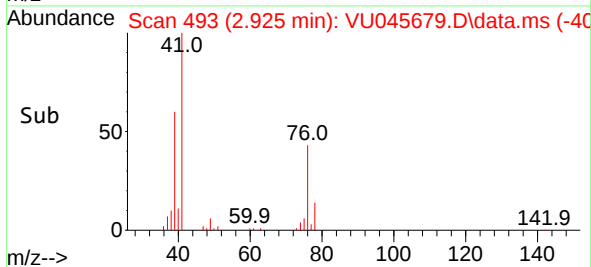
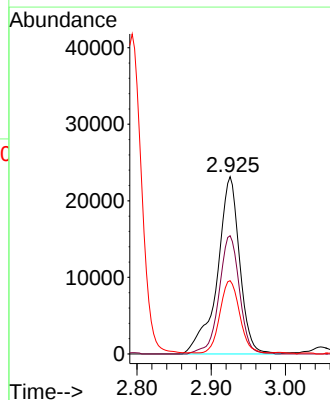
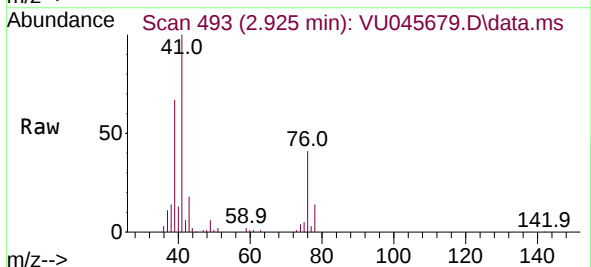
Manual Integrations
APPROVED

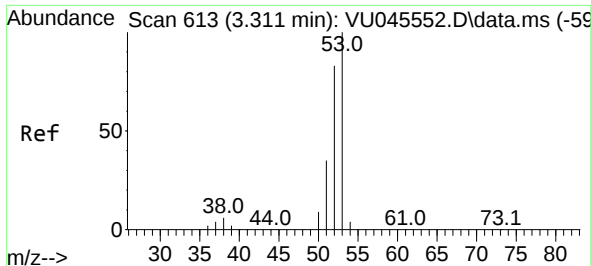
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#14
Allyl chloride
Concen: 20.666 ug/l
RT: 2.925 min Scan# 493
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

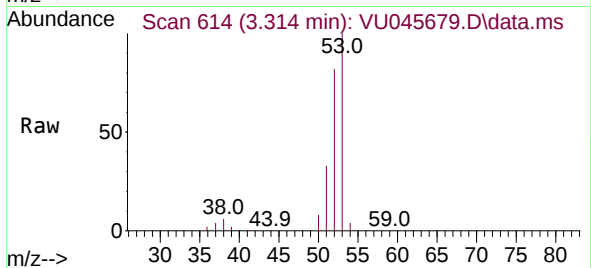
Tgt Ion: 41 Resp: 48499
Ion Ratio Lower Upper
41 100
39 60.9 49.7 74.5
76 36.0 27.7 41.5





#15
Acrylonitrile
Concen: 114.802 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

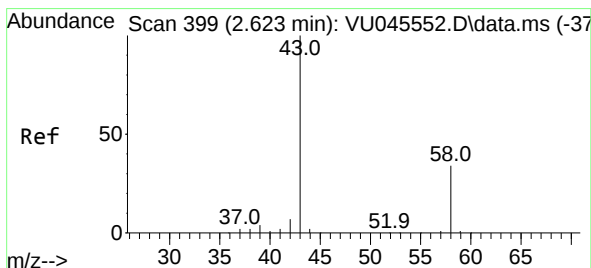
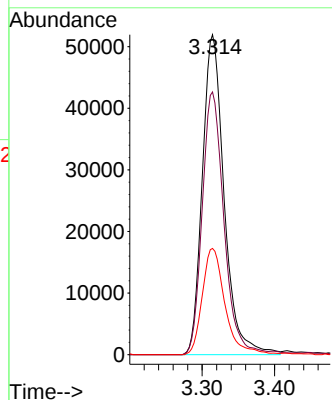
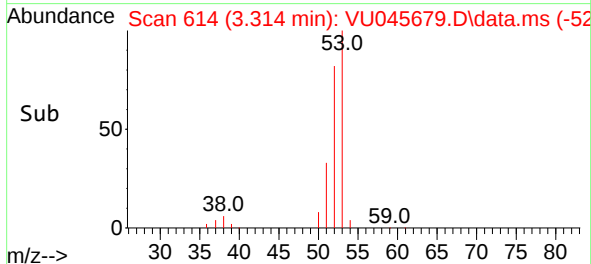
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02



Tgt Ion: 53 Resp: 10854
Ion Ratio Lower Upper
53 100
52 81.7 66.6 100.0
51 34.6 28.4 42.6

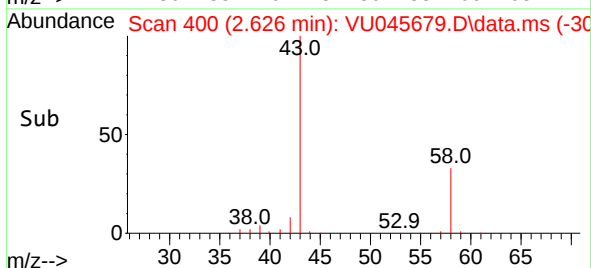
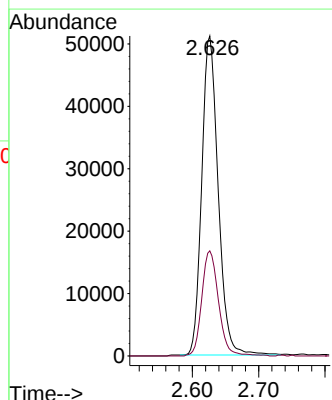
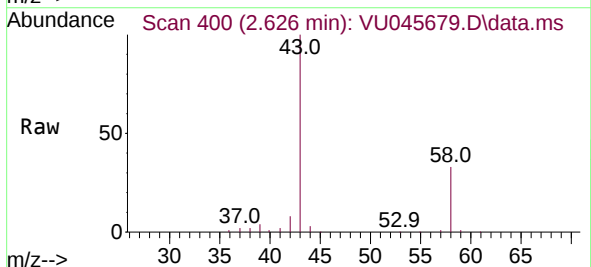
Manual Integrations
APPROVED

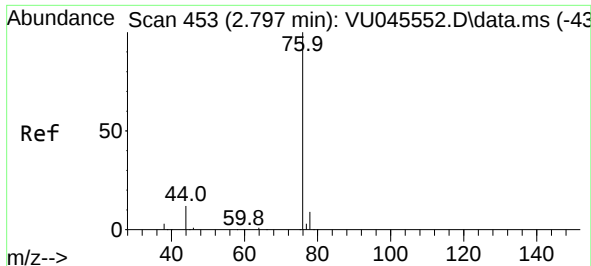
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#16
Acetone
Concen: 96.688 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

Tgt Ion: 43 Resp: 88059
Ion Ratio Lower Upper
43 100
58 33.0 26.2 39.2





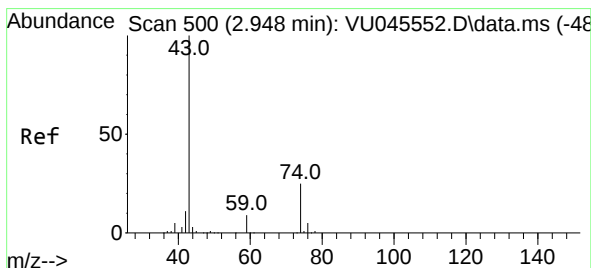
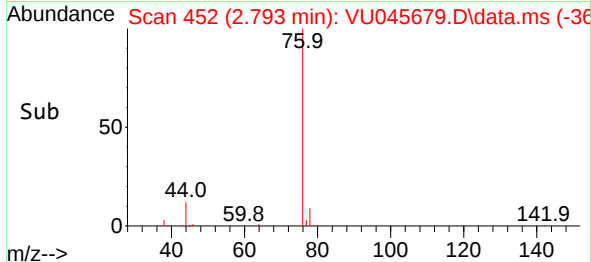
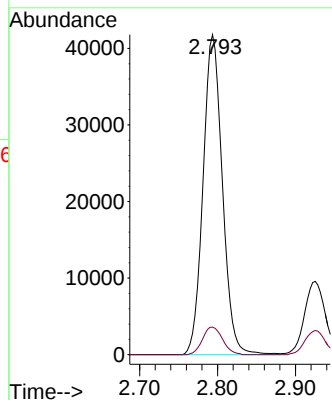
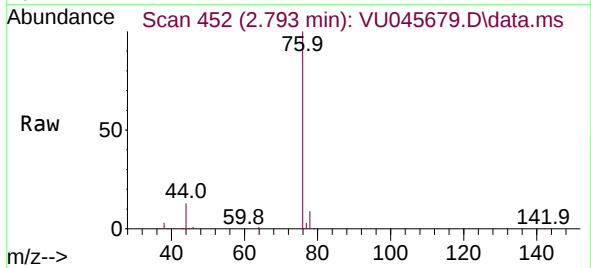
#17
Carbon Disulfide
Concen: 19.568 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02

Tgt Ion: 76 Resp: 7203
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9

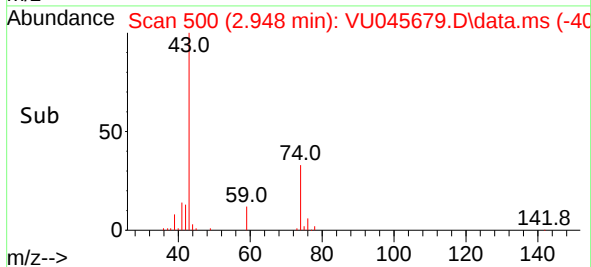
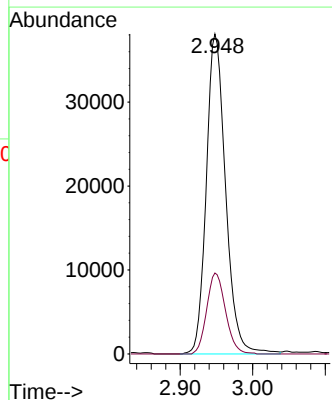
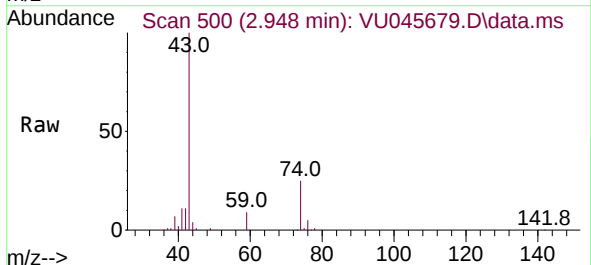
Manual Integrations
APPROVED

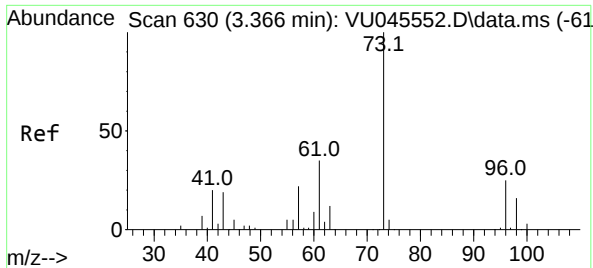
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#18
Methyl Acetate
Concen: 22.739 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

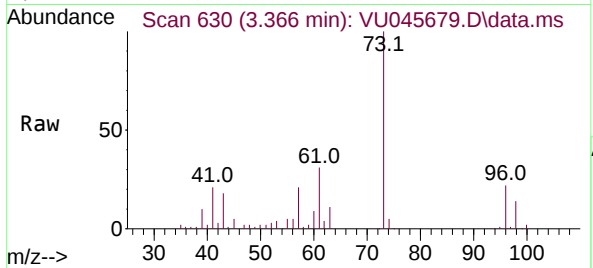
Tgt Ion: 43 Resp: 70538
Ion Ratio Lower Upper
43 100
74 24.6 20.2 30.2





#19
Methyl tert-butyl Ether
Concen: 21.899 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

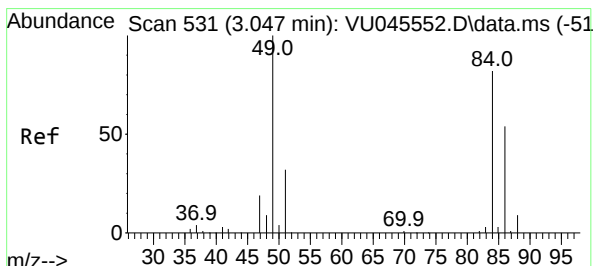
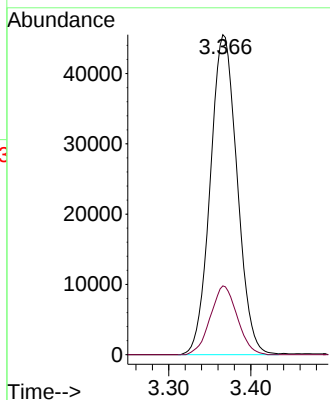
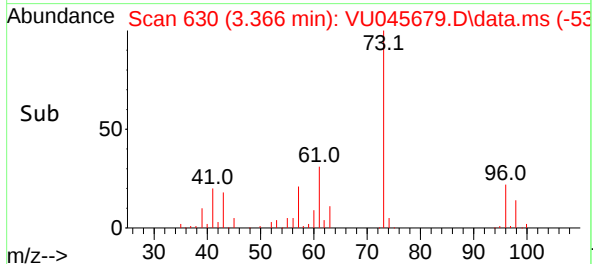
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02



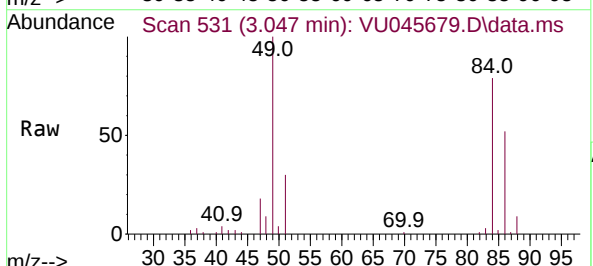
Tgt Ion: 73 Resp: 103604
Ion Ratio Lower Upper
73 100
57 21.5 18.1 27.1

Manual Integrations
APPROVED

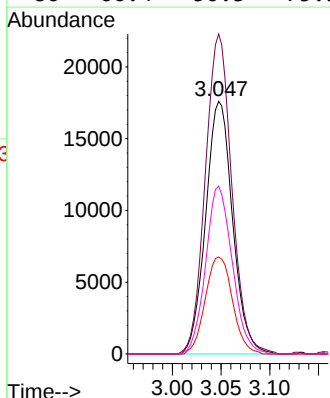
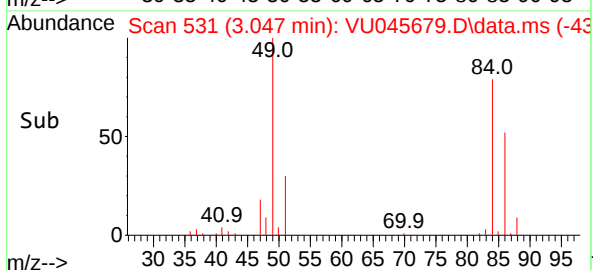
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

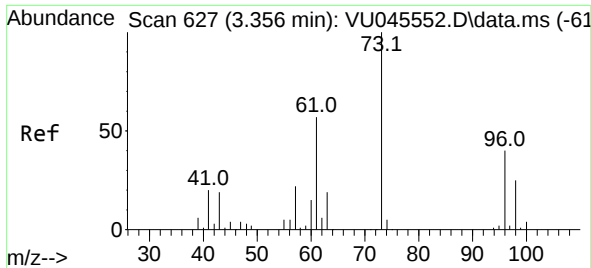


#20
Methylene Chloride
Concen: 21.404 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01



Tgt Ion: 84 Resp: 33872
Ion Ratio Lower Upper
84 100
49 126.6 96.4 144.6
51 38.3 30.5 45.7
86 66.4 50.3 75.5





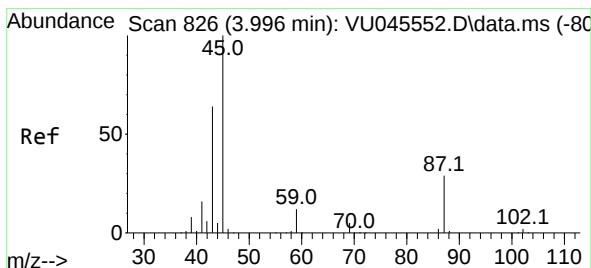
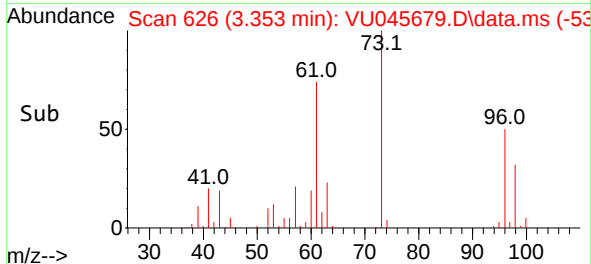
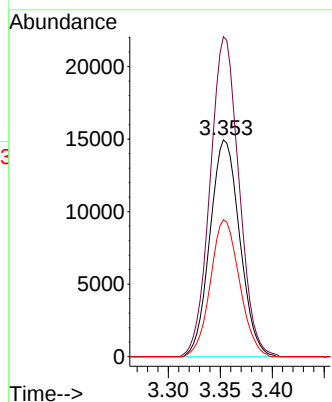
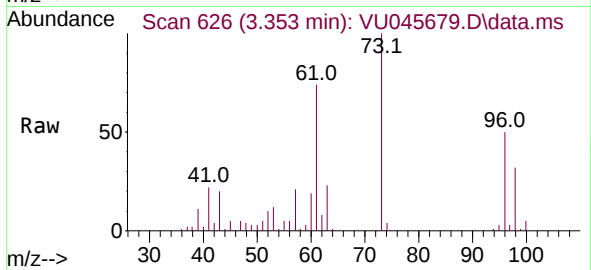
#21
trans-1,2-Dichloroethene
Concen: 21.826 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02

Tgt Ion: 96 Resp: 29844
Ion Ratio Lower Upper
96 100
61 147.6 118.2 177.4
98 63.1 52.1 78.1

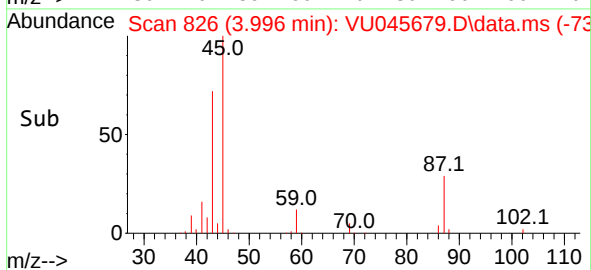
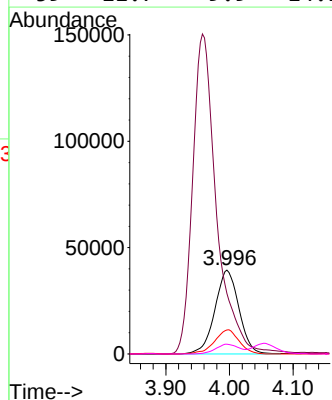
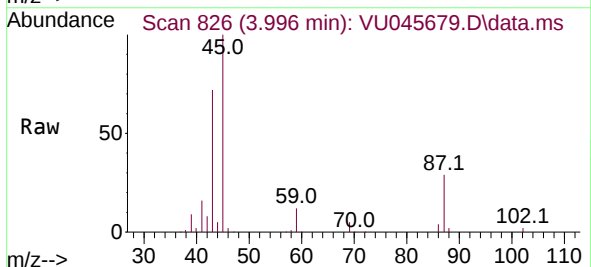
Manual Integrations
APPROVED

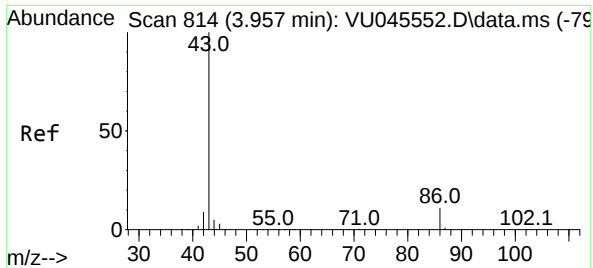
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#22
Diisopropyl ether
Concen: 22.430 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

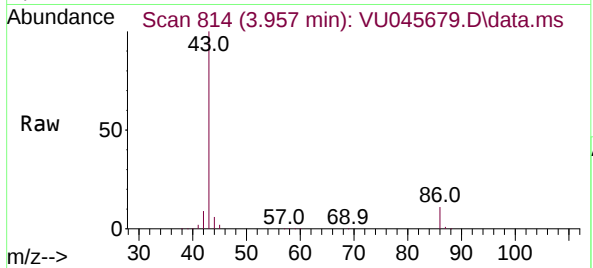
Tgt Ion: 45 Resp: 103359
Ion Ratio Lower Upper
45 100
43 68.9 60.0 90.0
87 28.7 22.3 33.5
59 11.7 9.9 14.9





#23
 Vinyl Acetate
 Concen: 110.932 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045679.D
 Acq: 10 Nov 2021 00:01

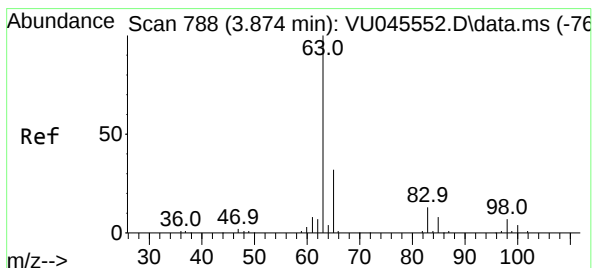
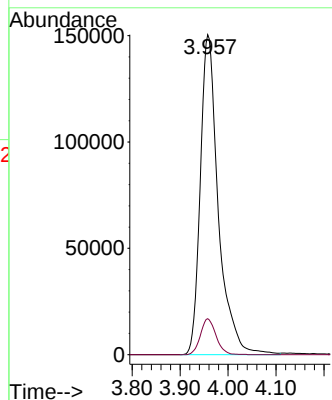
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1109WBSD02



Tgt Ion: 43 Resp: 393152
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.9 13.3

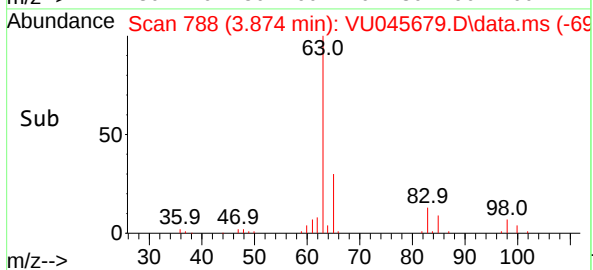
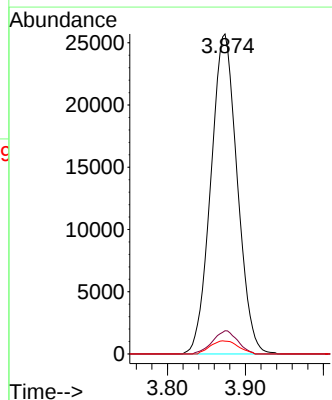
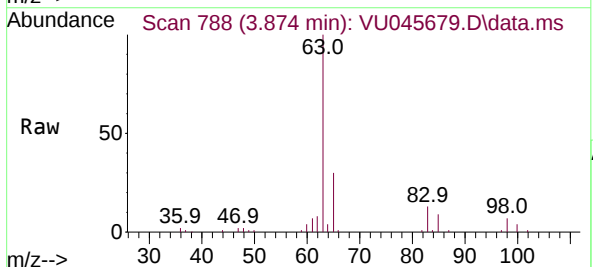
Manual Integrations
 APPROVED

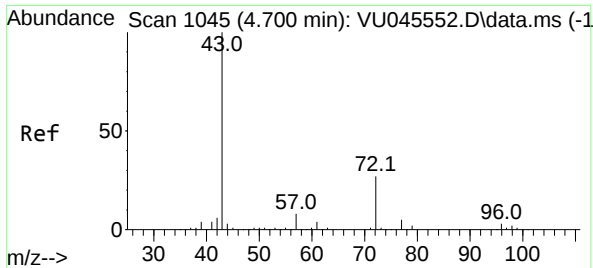
Reviewed By :John Carlone 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#24
 1,1-Dichloroethane
 Concen: 22.050 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VU045679.D
 Acq: 10 Nov 2021 00:01

Tgt Ion: 63 Resp: 60548
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 4.0 2.4 7.2





#25

2-Butanone

Concen: 113.199 ug/l

RT: 4.703 min Scan# 1046

Delta R.T. 0.003 min

Lab File: VU045679.D

Acq: 10 Nov 2021 00:01

Instrument :

MSVOA_U

ClientSampleId :

VU1109WBSD02

Tgt Ion: 43 Resp: 14299

Ion Ratio Lower Upper

43 100

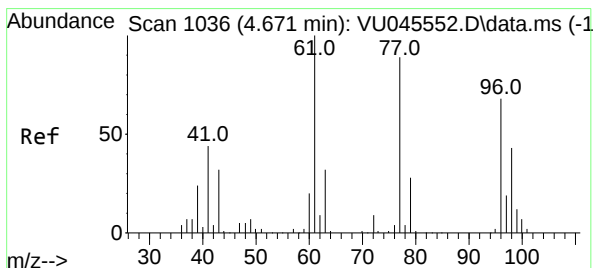
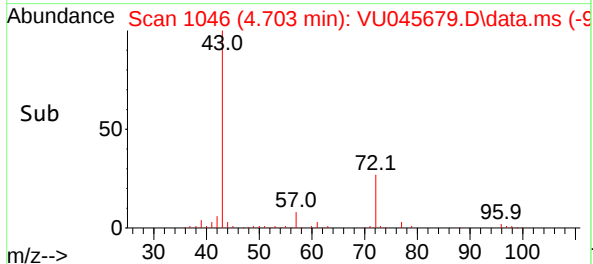
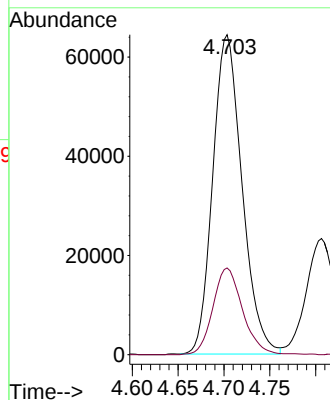
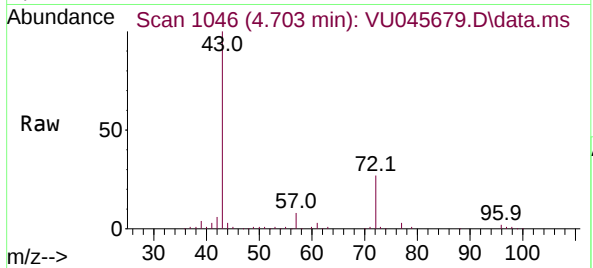
72 27.2 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#26

2,2-Dichloropropane

Concen: 17.311 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045679.D

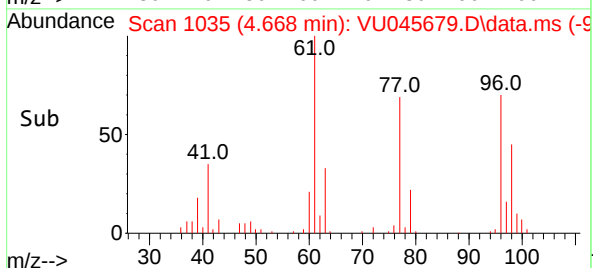
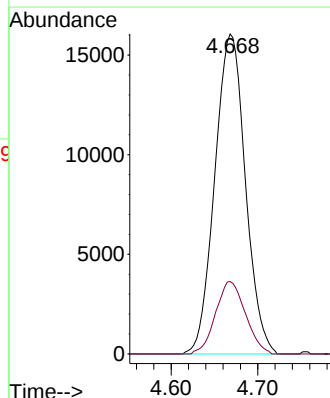
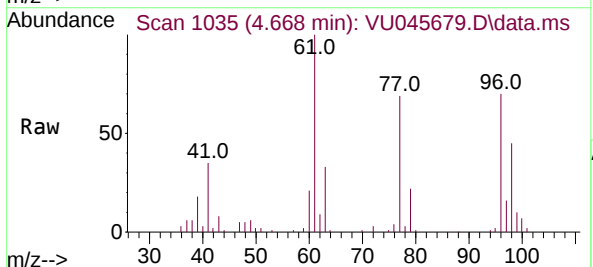
Acq: 10 Nov 2021 00:01

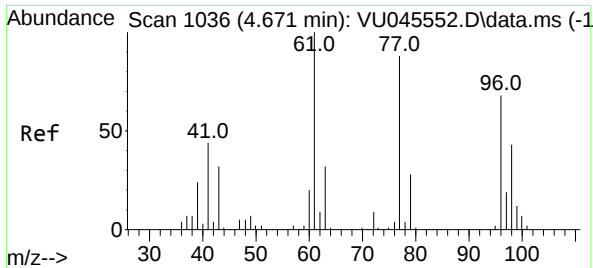
Tgt Ion: 77 Resp: 39390

Ion Ratio Lower Upper

77 100

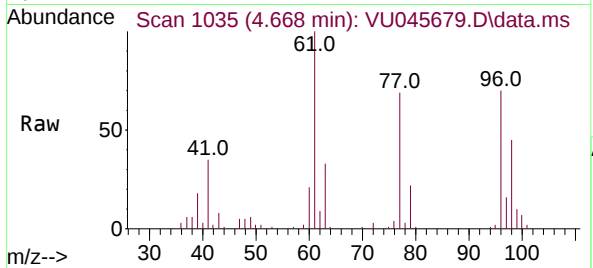
97 22.1 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 22.714 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU045679.D
 Acq: 10 Nov 2021 00:01

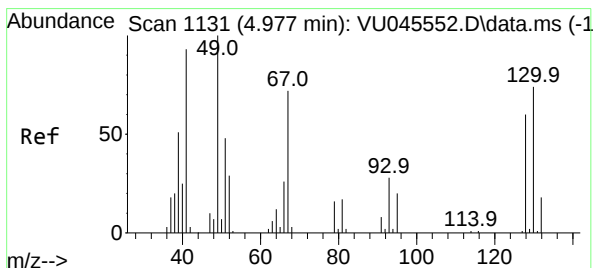
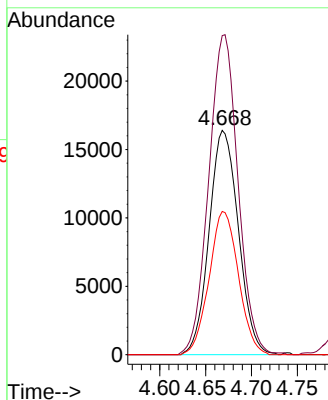
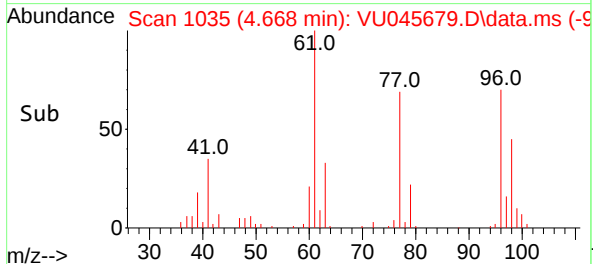
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1109WBSD02



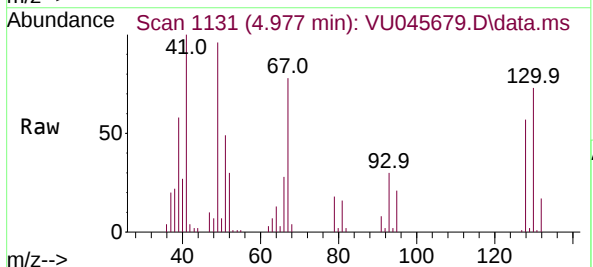
Tgt Ion: 96 Resp: 36479
 Ion Ratio Lower Upper
 96 100
 61 142.8 0.0 299.2
 98 63.8 0.0 127.6

Manual Integrations
 APPROVED

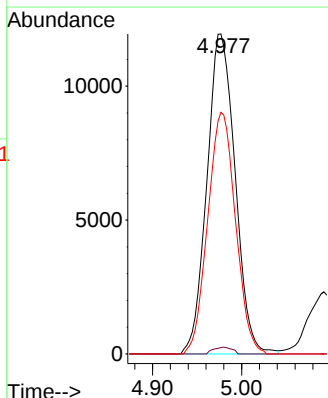
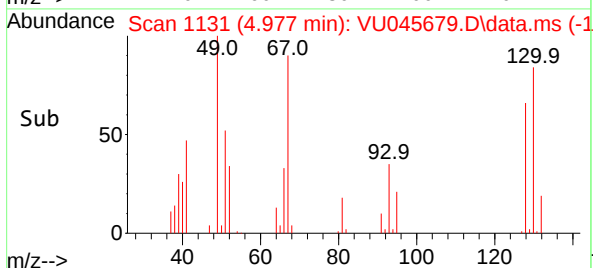
Reviewed By :John Carlone 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021

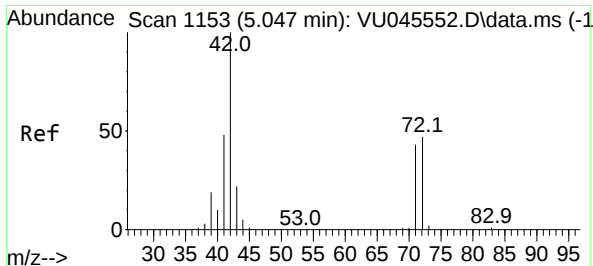


#28
 Bromochloromethane
 Concen: 20.082 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU045679.D
 Acq: 10 Nov 2021 00:01



Tgt Ion: 49 Resp: 26290
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.4
 130 74.3 57.5 86.3





#29

Tetrahydrofuran

Concen: 119.998 ug/l

RT: 5.054 min Scan# 1155

Delta R.T. 0.007 min

Lab File: VU045679.D

Acq: 10 Nov 2021 00:01

Instrument :

MSVOA_U

ClientSampleId :

VU1109WBSD02

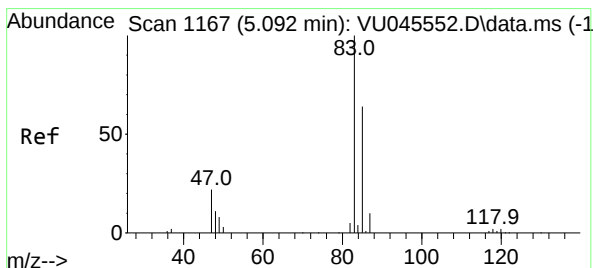
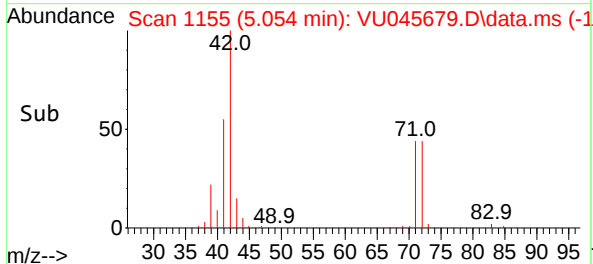
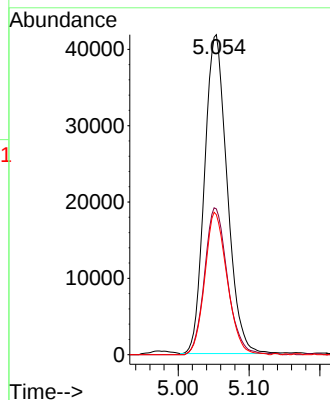
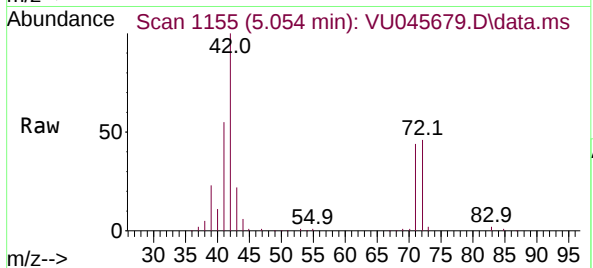
Tgt Ion:	42	Resp:	92718
Ion Ratio	Lower	Upper	
42	100		
72	46.8	38.2	57.4
71	44.1	35.4	53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#30

Chloroform

Concen: 22.374 ug/l

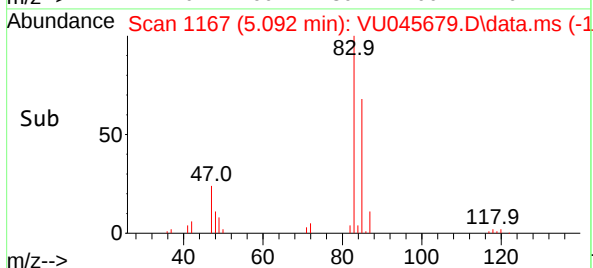
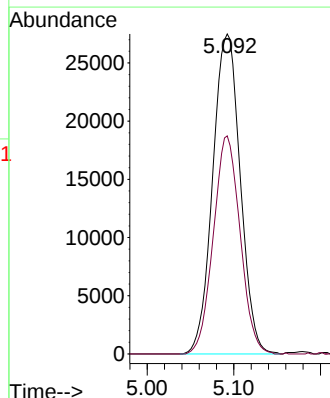
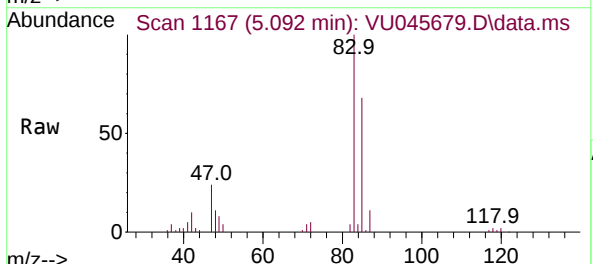
RT: 5.092 min Scan# 1167

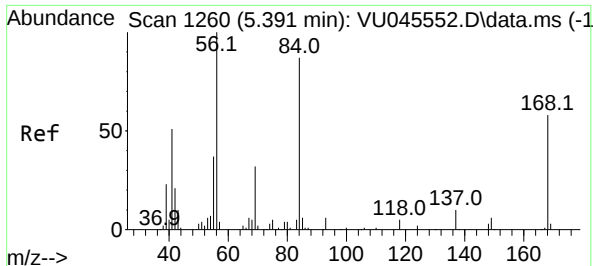
Delta R.T. 0.000 min

Lab File: VU045679.D

Acq: 10 Nov 2021 00:01

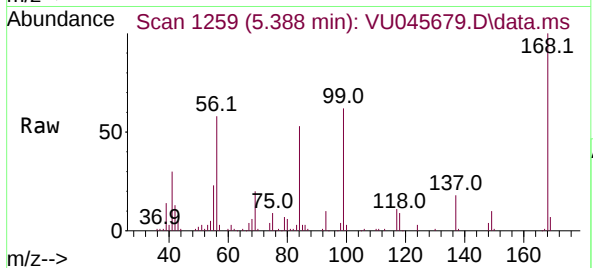
Tgt Ion:	83	Resp:	60761
Ion Ratio	Lower	Upper	
83	100		
85	68.2	52.0	78.0





#31
Cyclohexane
Concen: 20.508 ug/l
RT: 5.388 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

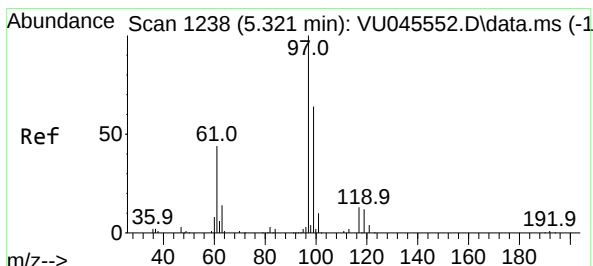
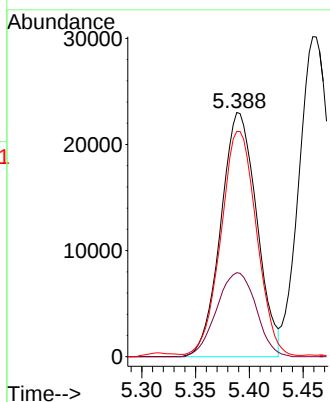
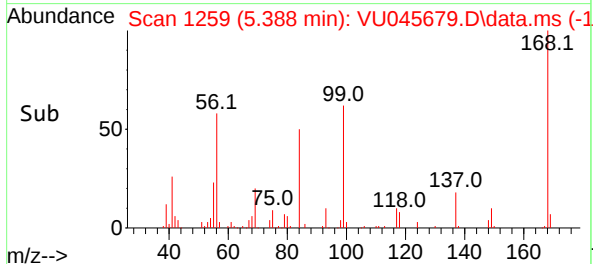
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02



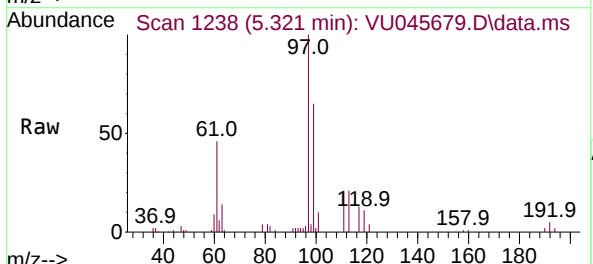
Tgt Ion: 56 Resp: 5353
Ion Ratio Lower Upper
56 100
69 34.4 26.4 39.6
84 91.3 68.4 102.6

Manual Integrations
APPROVED

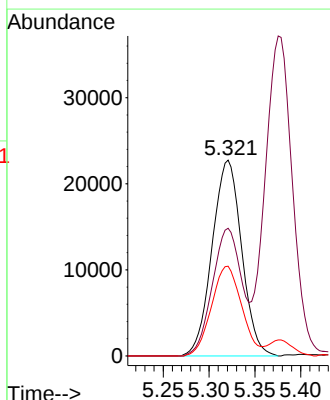
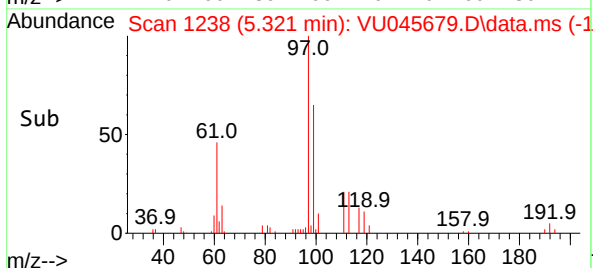
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

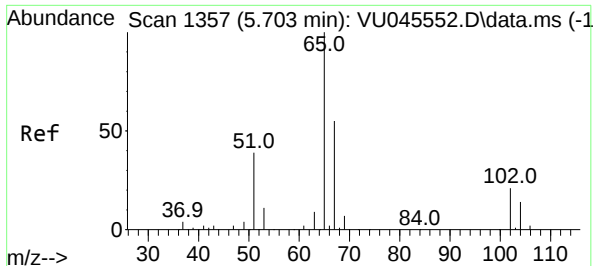


#32
1,1,1-Trichloroethane
Concen: 22.024 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01



Tgt Ion: 97 Resp: 51006
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 47.2 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 54.773 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045679.D

Acq: 10 Nov 2021 00:01

Instrument :

MSVOA_U

ClientSampleId :

VU1109WBSD02

Tgt Ion: 65 Resp: 97990

Ion Ratio Lower Upper

65 100

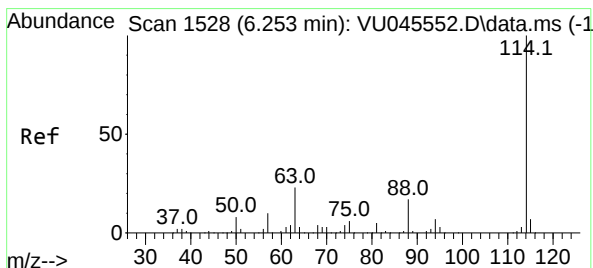
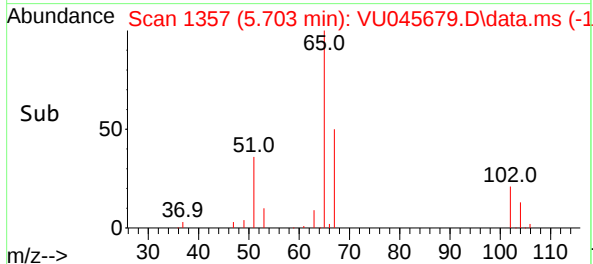
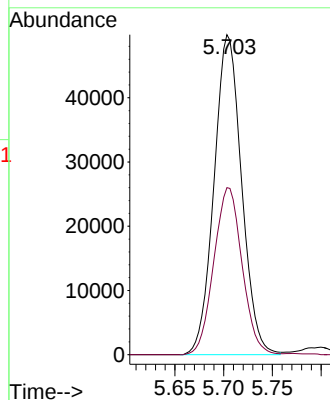
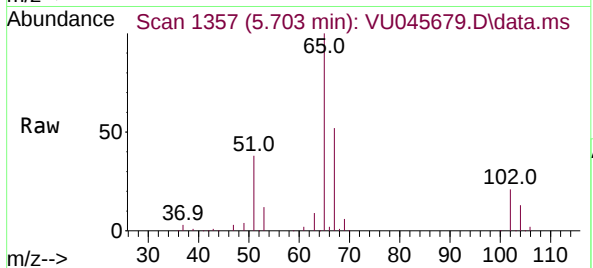
67 53.5 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045679.D

Acq: 10 Nov 2021 00:01

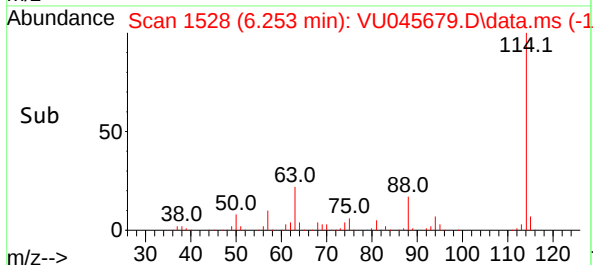
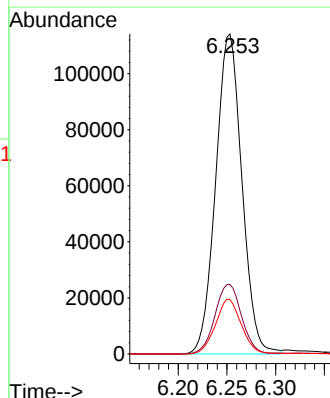
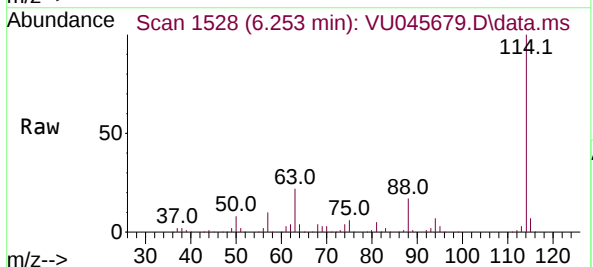
Tgt Ion:114 Resp: 213286

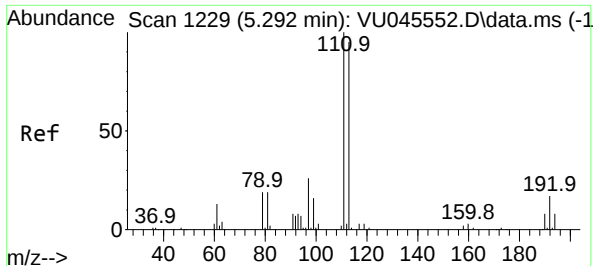
Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.6

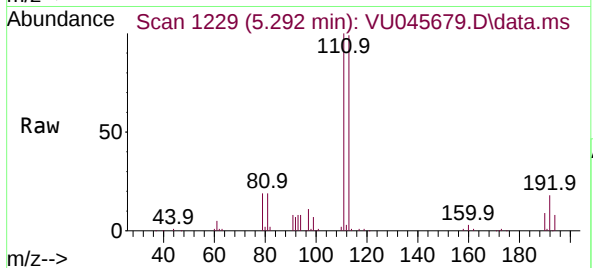
88 17.0 0.0 33.8





#35
Dibromofluoromethane
Concen: 53.765 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

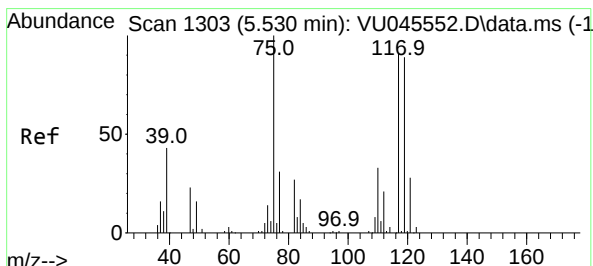
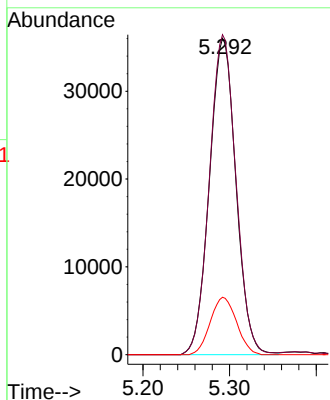
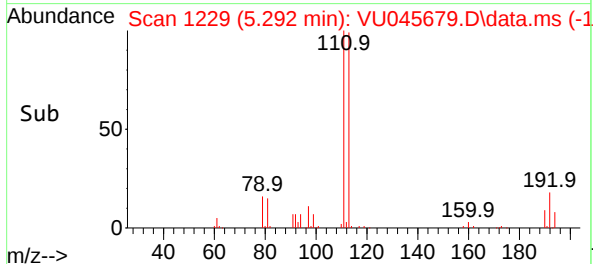
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02



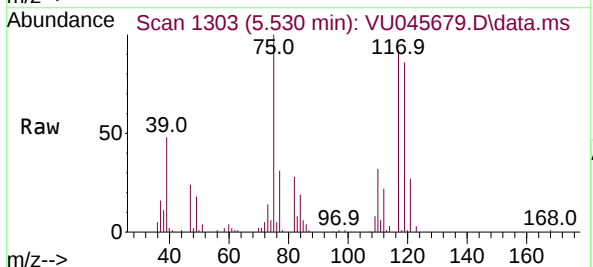
Tgt Ion: 113 Resp: 7656
Ion Ratio Lower Upper
113 100
111 101.1 82.8 124.2
192 18.0 14.8 22.2

Manual Integrations
APPROVED

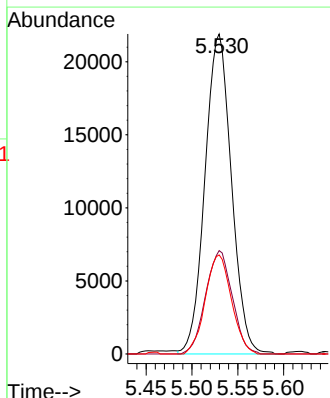
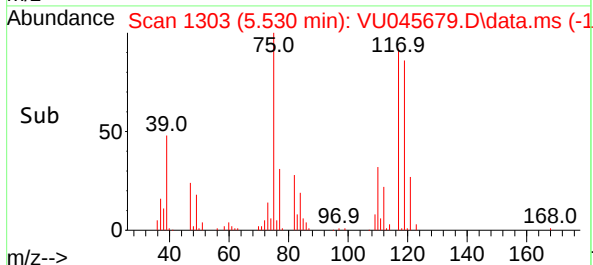
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

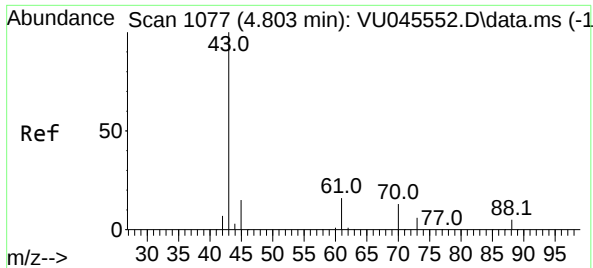


#36
1,1-Dichloropropene
Concen: 21.138 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01



Tgt Ion: 75 Resp: 43960
Ion Ratio Lower Upper
75 100
110 32.4 16.7 50.0
77 30.5 25.0 37.4





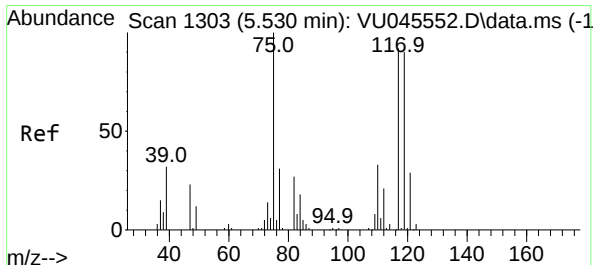
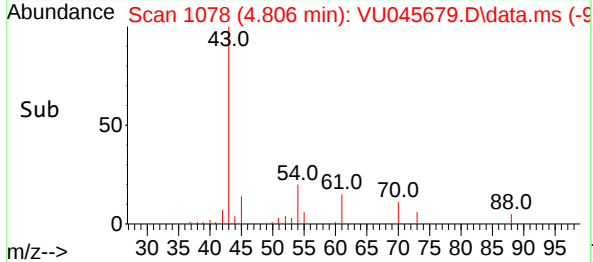
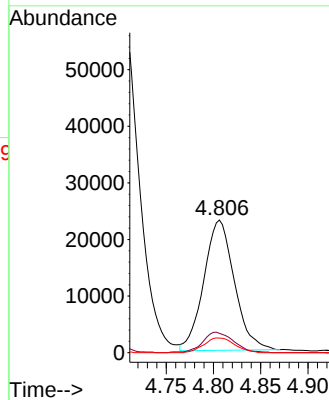
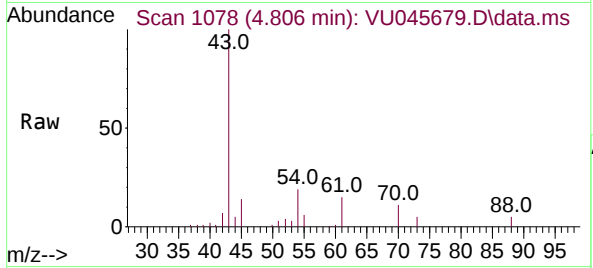
#37
Ethyl Acetate
Concen: 21.672 ug/l
RT: 4.806 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02

Tgt Ion: 43 Resp: 51779
Ion Ratio Lower Upper
43 100
61 16.1 11.6 17.4
70 11.3 9.1 13.7

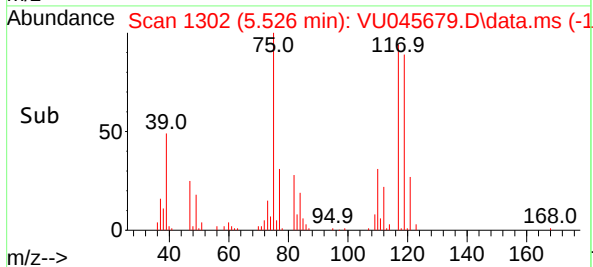
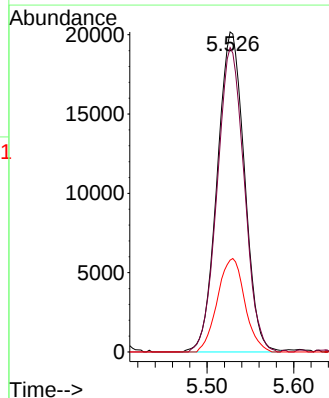
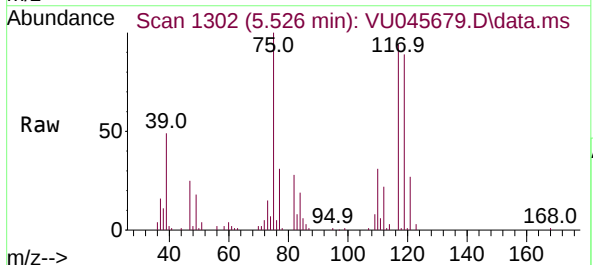
Manual Integrations
APPROVED

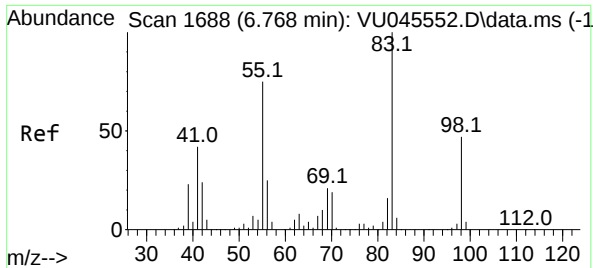
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#38
Carbon Tetrachloride
Concen: 21.025 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

Tgt Ion:117 Resp: 44082
Ion Ratio Lower Upper
117 100
119 95.1 77.4 116.0
121 28.7 24.8 37.2





#39

Methylcyclohexane

Concen: 19.498 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045679.D

Acq: 10 Nov 2021 00:01

Instrument :

MSVOA_U

ClientSampleId :

VU1109WBSD02

Tgt Ion: 83 Resp: 4974

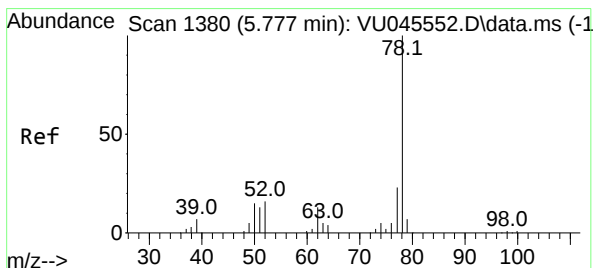
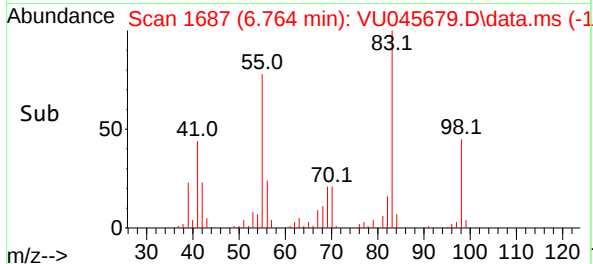
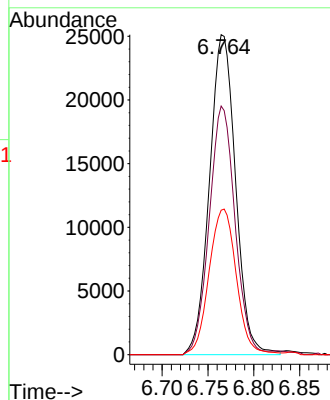
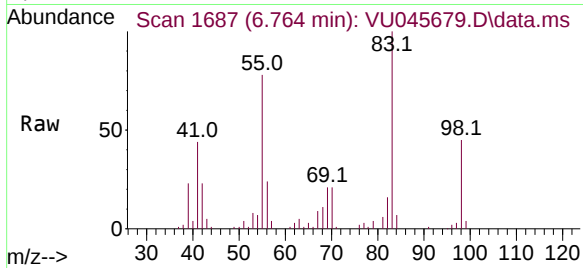
Ion	Ratio	Lower	Upper
83	100		
55	77.7	63.6	95.4
98	45.2	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#40

Benzene

Concen: 21.031 ug/l

RT: 5.777 min Scan# 1380

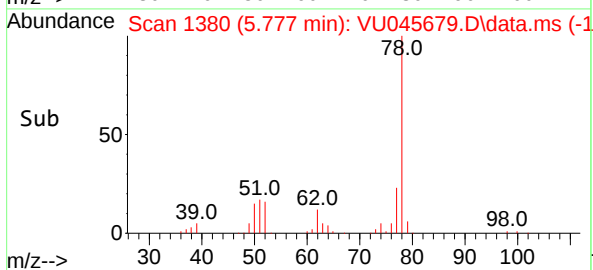
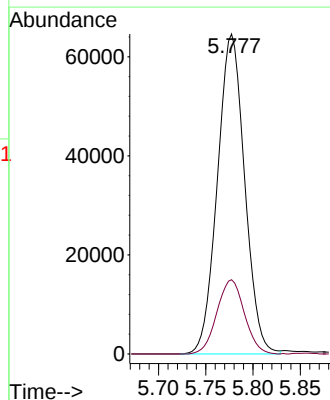
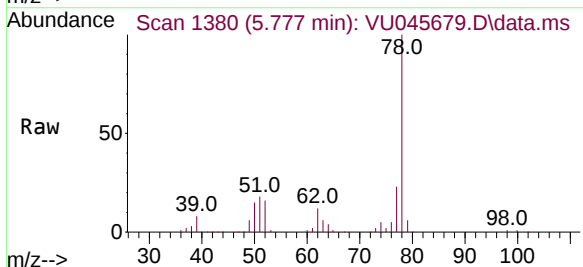
Delta R.T. 0.000 min

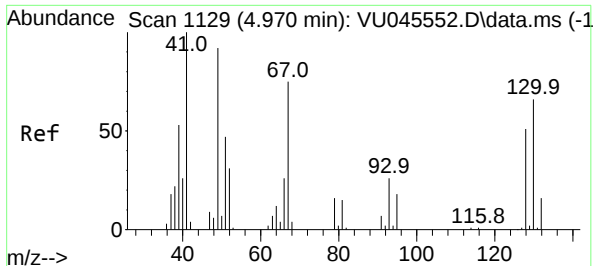
Lab File: VU045679.D

Acq: 10 Nov 2021 00:01

Tgt Ion: 78 Resp: 129495

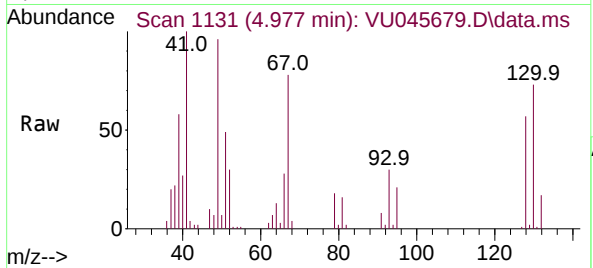
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4





#41
Methacrylonitrile
Concen: 22.388 ug/l
RT: 4.977 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

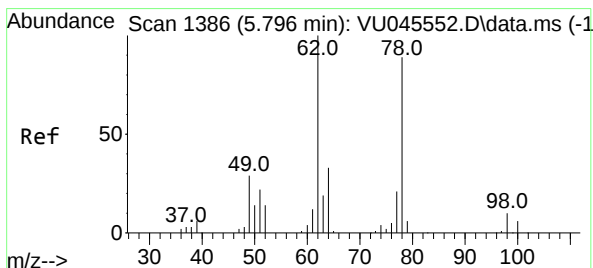
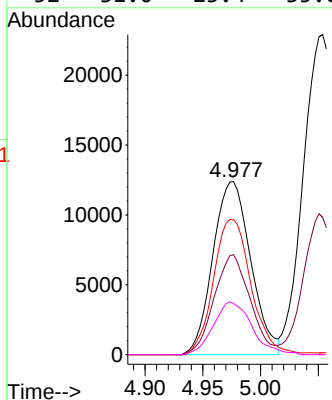
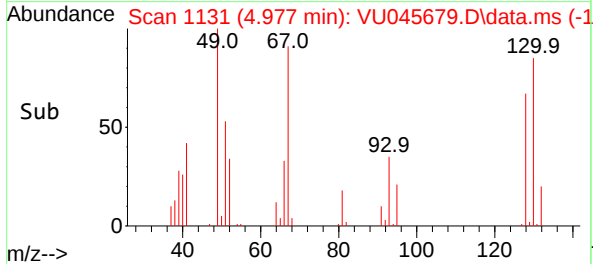
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02



Tgt Ion: 41 Resp: 2826
Ion Ratio Lower Upper
41 100
39 54.6 43.4 65.0
67 77.3 61.0 91.4
52 31.0 23.4 35.0

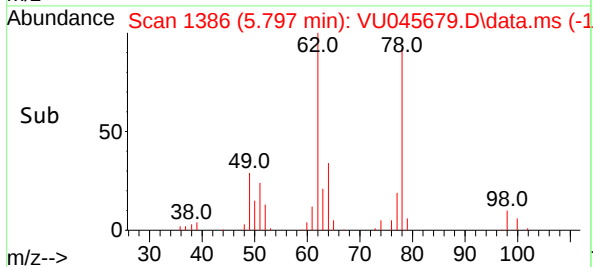
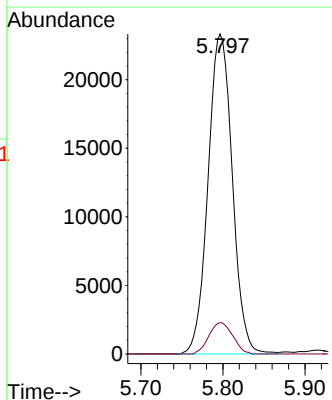
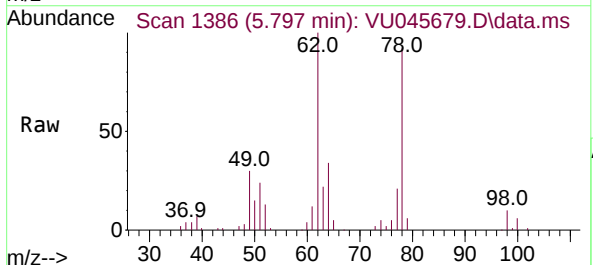
Manual Integrations
APPROVED

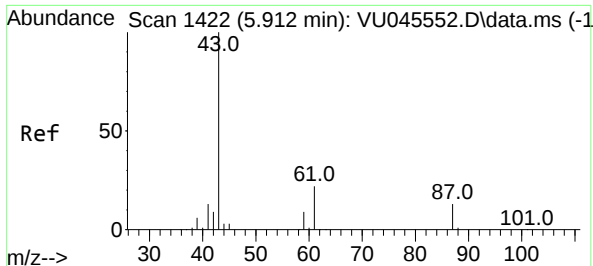
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#42
1,2-Dichloroethane
Concen: 21.571 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

Tgt Ion: 62 Resp: 47976
Ion Ratio Lower Upper
62 100
98 9.6 0.0 18.4





#43

Isopropyl Acetate

Concen: 21.506 ug/l

RT: 5.912 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VU045679.D

Acq: 10 Nov 2021 00:01

Instrument :

MSVOA_U

ClientSampleId :

VU1109WBSD02

Tgt Ion: 43 Resp: 7858

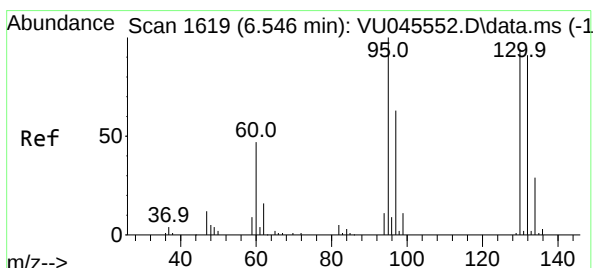
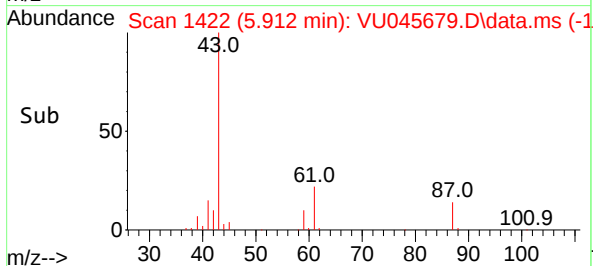
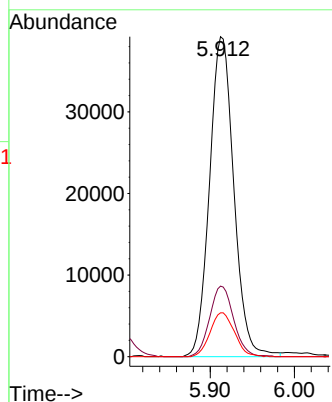
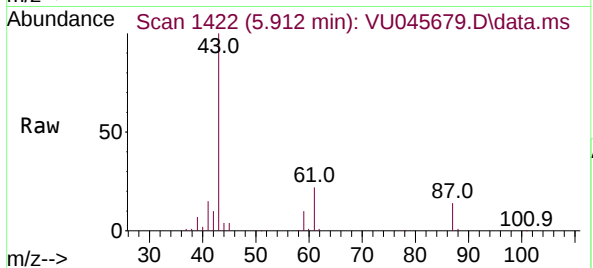
Ion	Ratio	Lower	Upper
43	100		
61	21.8	16.9	25.3
87	13.8	11.0	16.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#44

Trichloroethene

Concen: 23.453 ug/l

RT: 6.546 min Scan# 1619

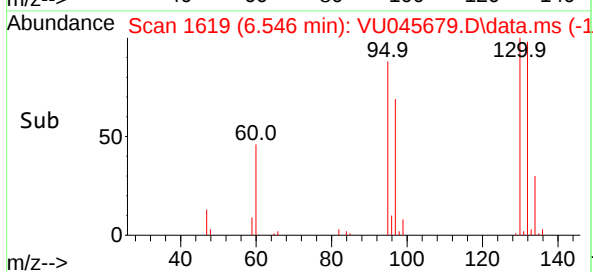
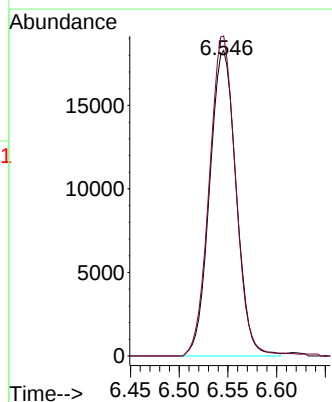
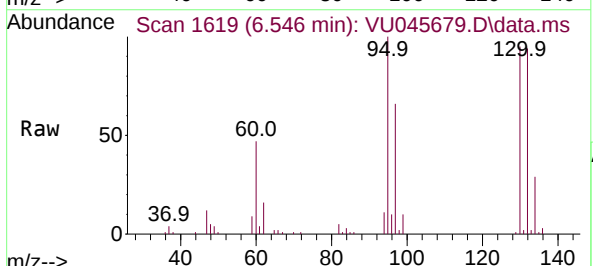
Delta R.T. 0.000 min

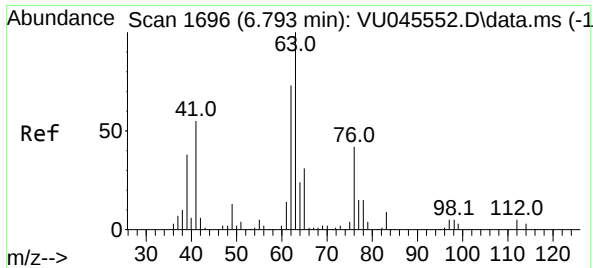
Lab File: VU045679.D

Acq: 10 Nov 2021 00:01

Tgt Ion:130 Resp: 34566

Ion	Ratio	Lower	Upper
130	100		
95	104.8	0.0	211.4





#45

1,2-Dichloropropane

Concen: 22.165 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045679.D

Acq: 10 Nov 2021 00:01

Instrument :

MSVOA_U

ClientSampleId :

VU1109WBSD02

Tgt Ion: 63 Resp: 3611

Ion Ratio Lower Upper

63 100

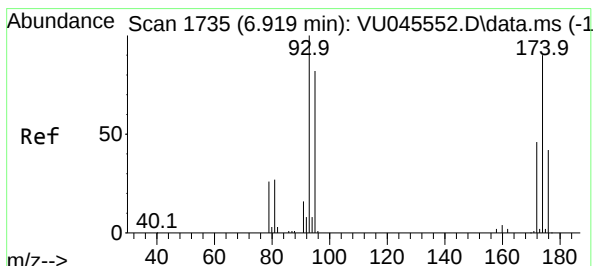
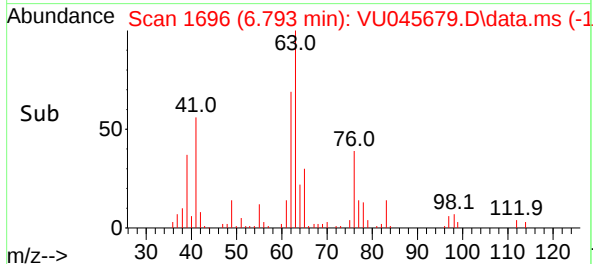
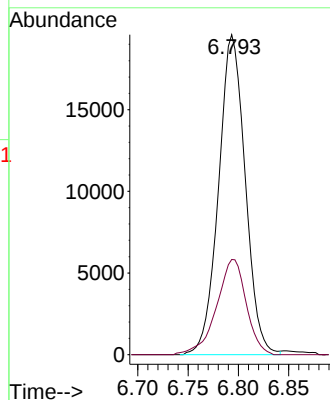
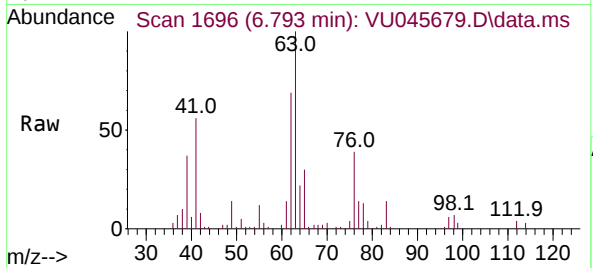
65 29.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#46

Dibromomethane

Concen: 21.714 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.003 min

Lab File: VU045679.D

Acq: 10 Nov 2021 00:01

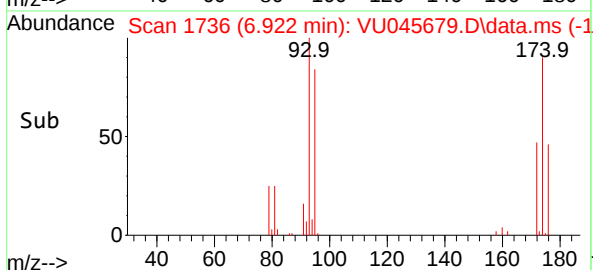
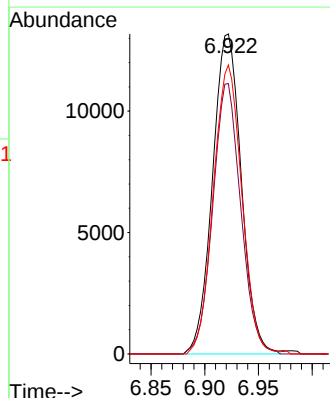
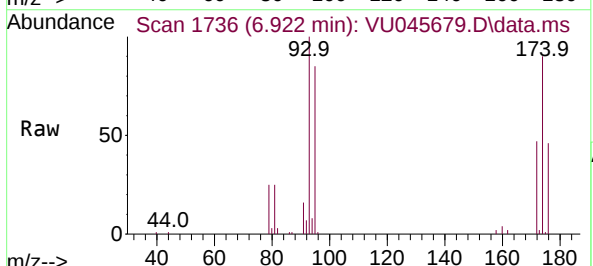
Tgt Ion: 93 Resp: 24512

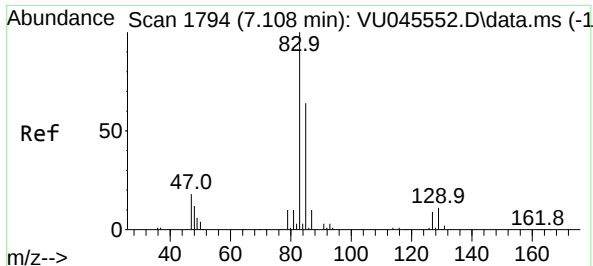
Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.2

174 89.2 71.0 106.6





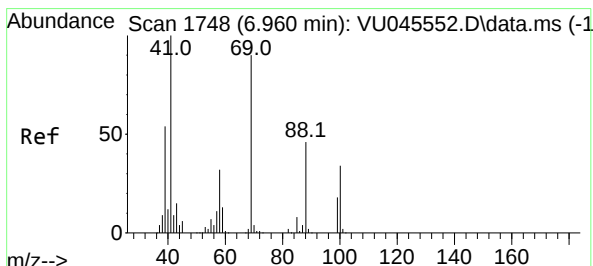
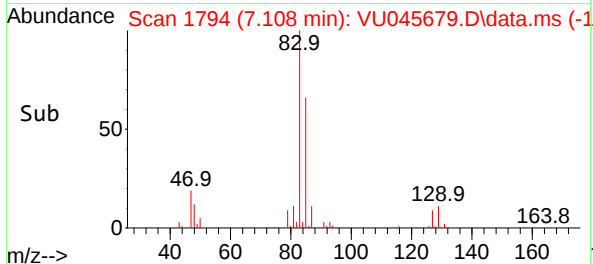
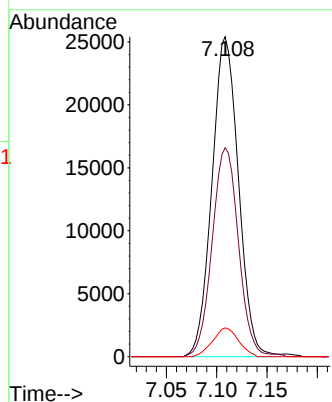
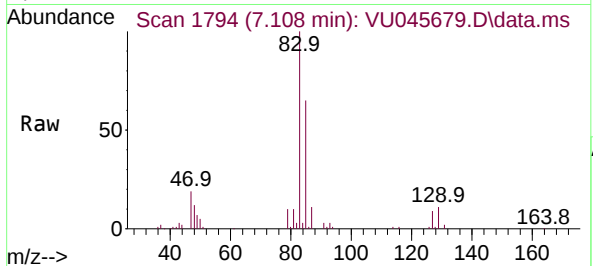
#47
Bromodichloromethane
Concen: 21.751 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02

Tgt Ion: 83 Resp: 46590
Ion Ratio Lower Upper
83 100
85 65.3 49.8 74.6
127 9.0 6.2 9.2

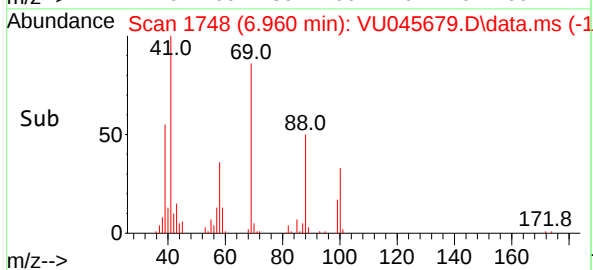
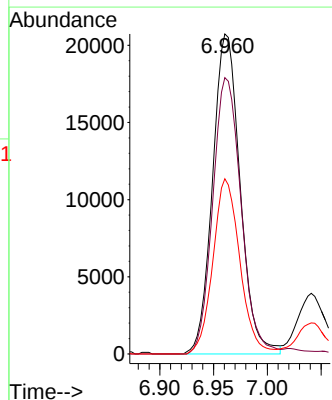
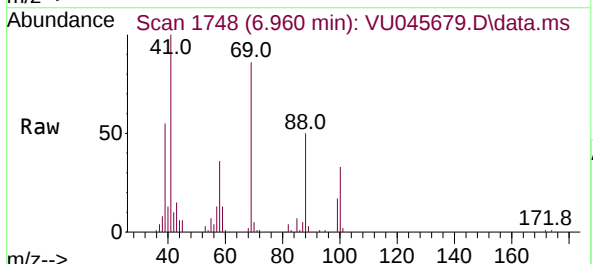
Manual Integrations
APPROVED

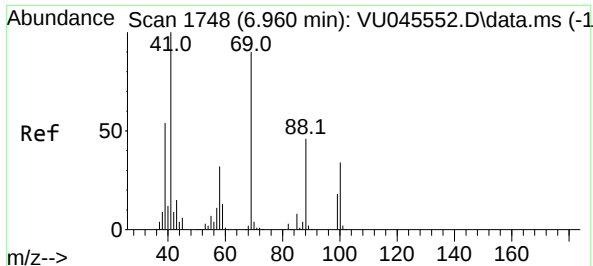
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#48
Methyl methacrylate
Concen: 21.990 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

Tgt Ion: 41 Resp: 36984
Ion Ratio Lower Upper
41 100
69 88.5 70.2 105.2
39 53.6 43.9 65.9





#49

1,4-Dioxane

Concen: 501.696 ug/l

RT: 6.964 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU045679.D

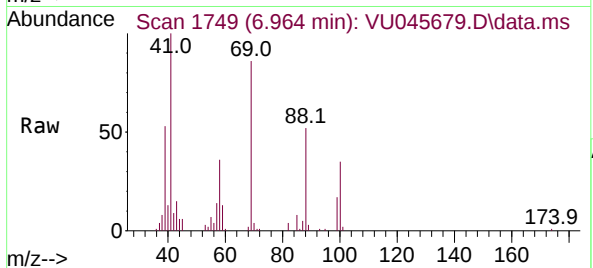
Acq: 10 Nov 2021 00:01

Instrument :

MSVOA_U

ClientSampleId :

VU1109WBSD02



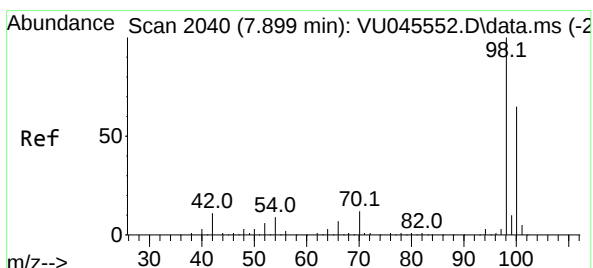
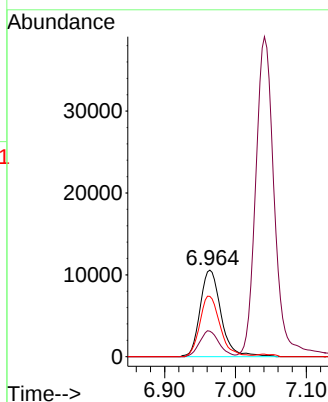
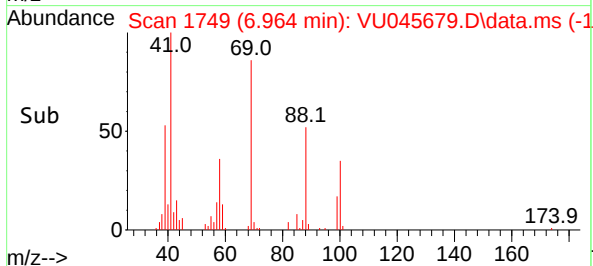
Tgt Ion:	88	Resp:	2169
Ion Ratio	Lower	Upper	
88	100		
43	27.8	0.0	0.0
58	68.0	58.7	88.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#50

Toluene-d8

Concen: 54.064 ug/l

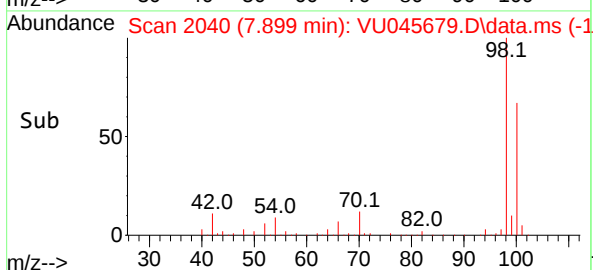
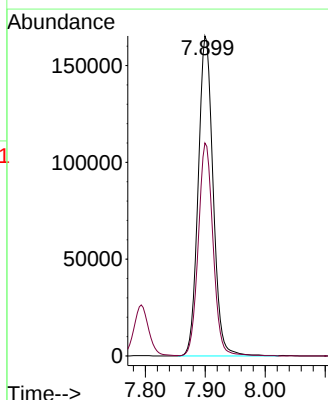
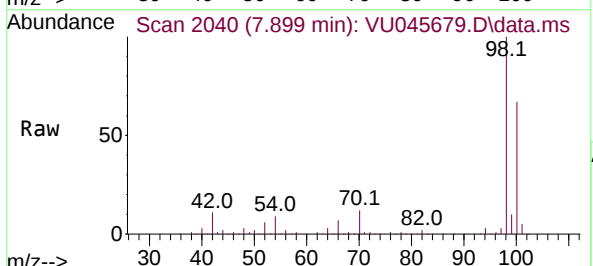
RT: 7.899 min Scan# 2040

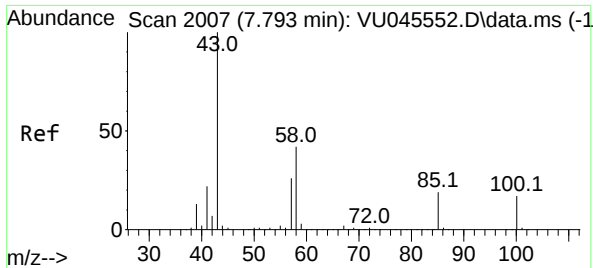
Delta R.T. 0.000 min

Lab File: VU045679.D

Acq: 10 Nov 2021 00:01

Tgt Ion:	98	Resp:	286275
Ion Ratio	Lower	Upper	
98	100		
100	65.8	52.5	78.7





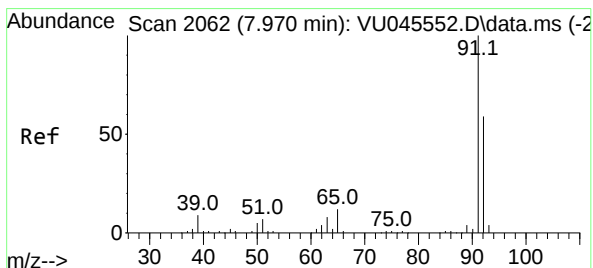
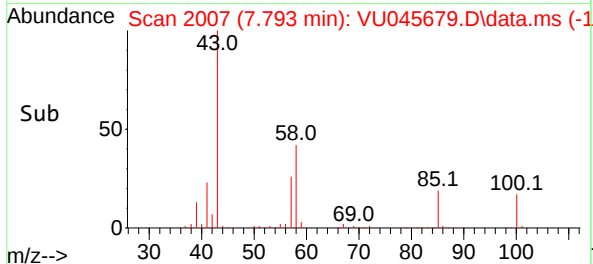
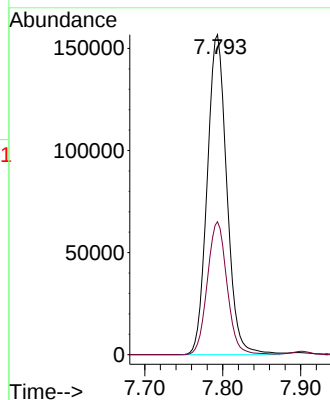
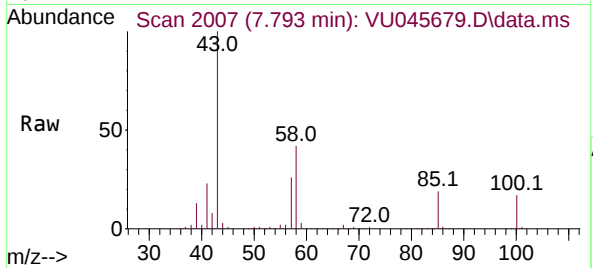
#51
4-Methyl-2-Pentanone
Concen: 113.841 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02

Tgt Ion: 43 Resp: 27440
Ion Ratio Lower Upper
43 100
58 41.7 33.8 50.8

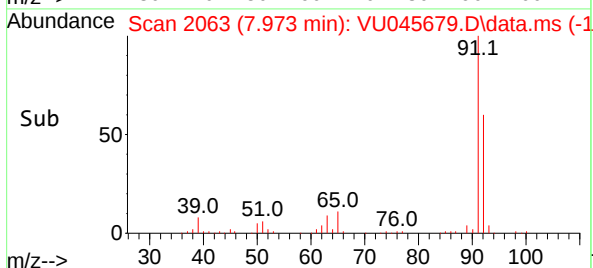
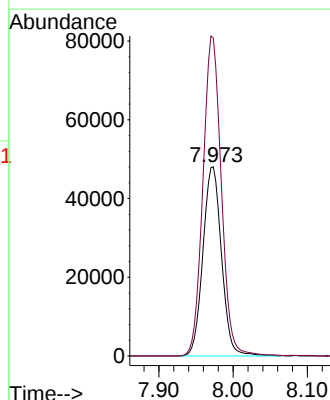
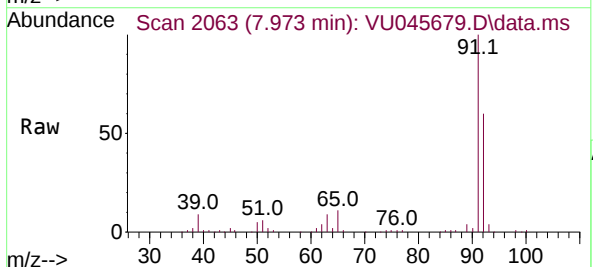
Manual Integrations
APPROVED

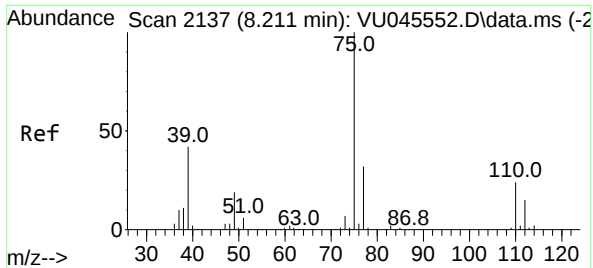
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#52
Toluene
Concen: 22.125 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

Tgt Ion: 92 Resp: 83403
Ion Ratio Lower Upper
92 100
91 167.8 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 19.768 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU045679.D

Acq: 10 Nov 2021 00:01

Instrument :

MSVOA_U

ClientSampleId :

VU1109WBSD02

Tgt Ion: 75 Resp: 4866

Ion Ratio Lower Upper

75 100

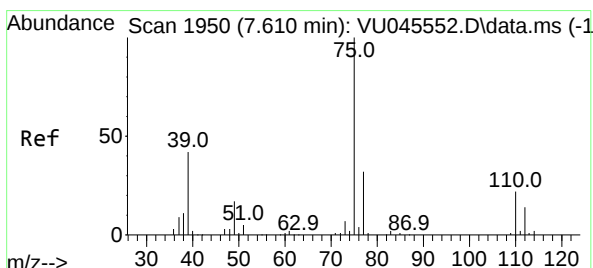
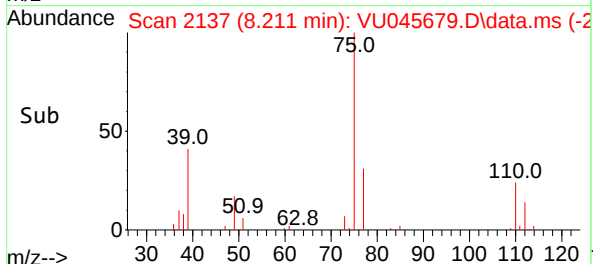
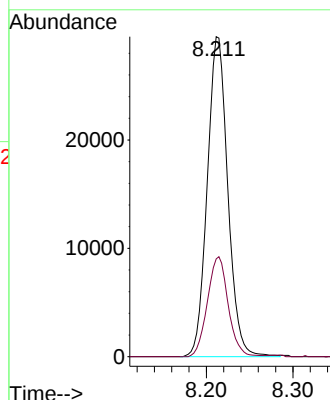
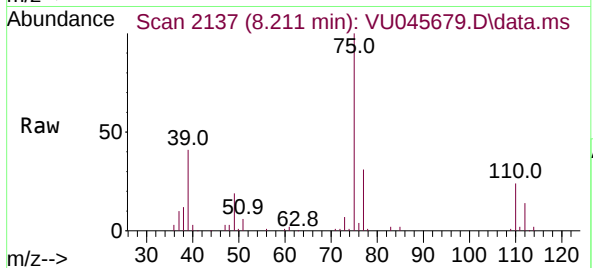
77 30.6 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#54

cis-1,3-Dichloropropene

Concen: 20.597 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045679.D

Acq: 10 Nov 2021 00:01

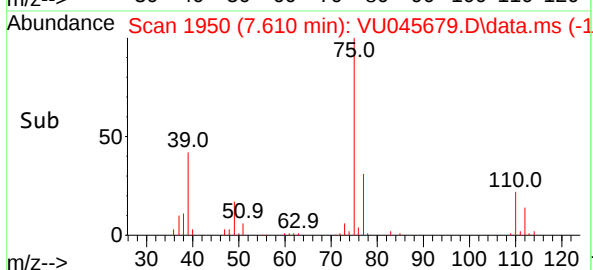
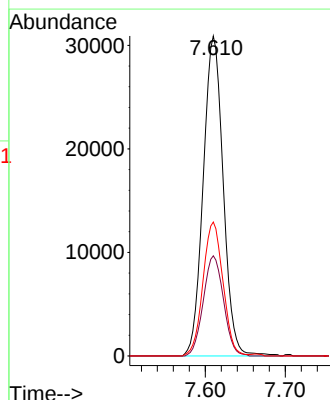
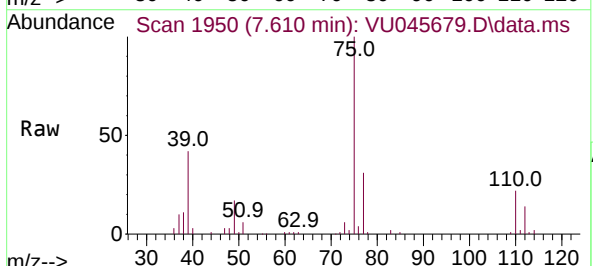
Tgt Ion: 75 Resp: 53853

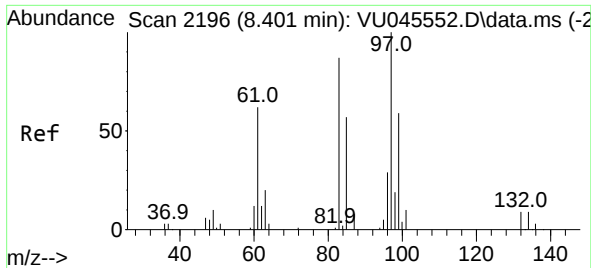
Ion Ratio Lower Upper

75 100

77 31.3 24.6 37.0

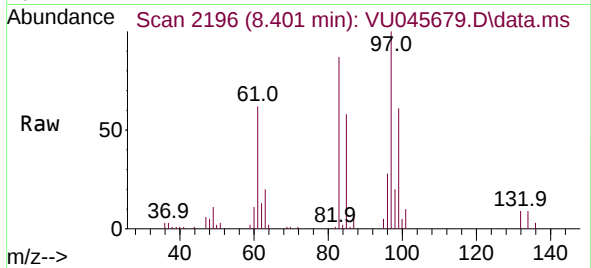
39 41.9 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 22.103 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

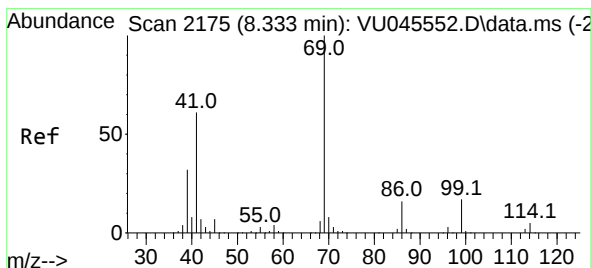
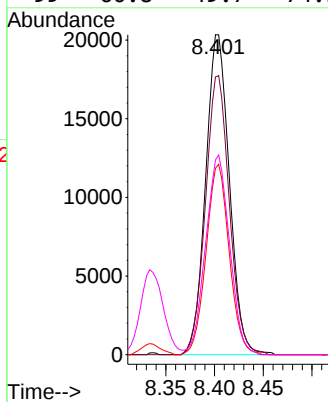
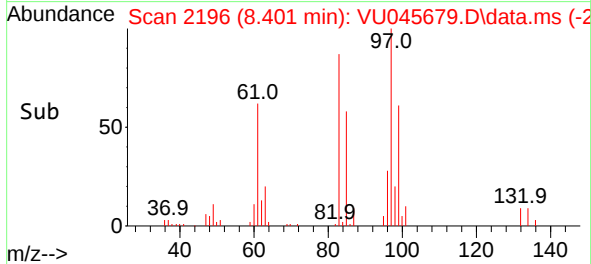
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02



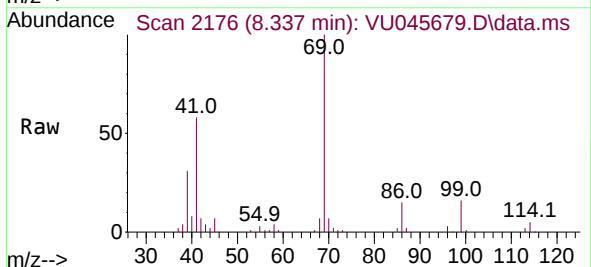
Tgt Ion: 97 Resp: 3453
Ion Ratio Lower Upper
97 100
83 86.8 70.3 105.5
85 58.2 45.5 68.3
99 60.8 49.7 74.5

Manual Integrations
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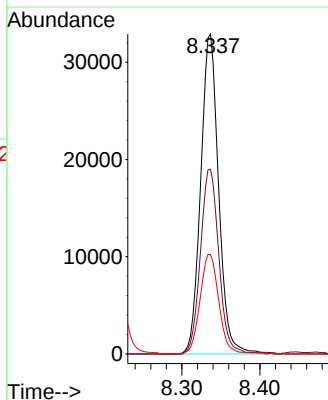
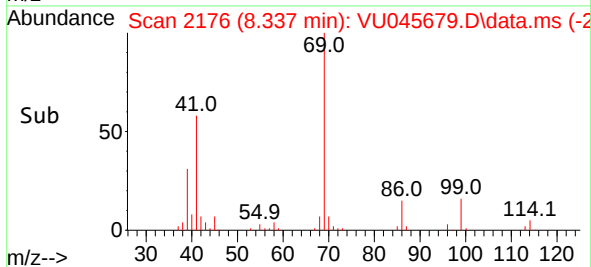
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

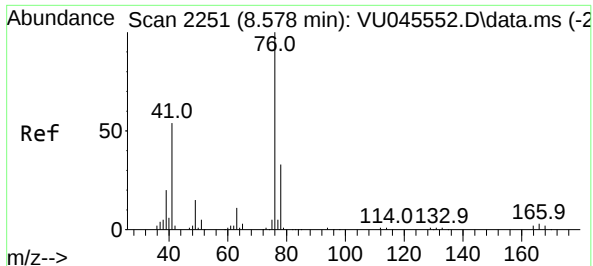


#56
Ethyl methacrylate
Concen: 20.273 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.004 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01



Tgt Ion: 69 Resp: 52567
Ion Ratio Lower Upper
69 100
41 59.4 51.0 76.4
39 32.6 26.6 39.8





#57

1,3-Dichloropropane

Concen: 21.545 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045679.D

Acq: 10 Nov 2021 00:01

Instrument :

MSVOA_U

ClientSampleId :

VU1109WBSD02

Tgt Ion: 76 Resp: 6062

Ion Ratio Lower Upper

76 100

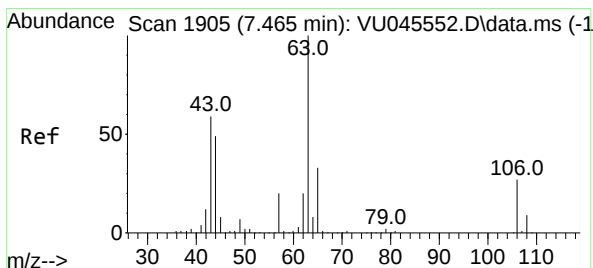
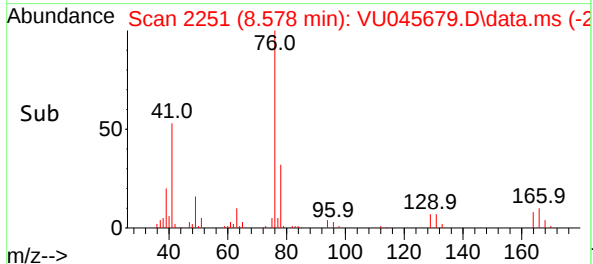
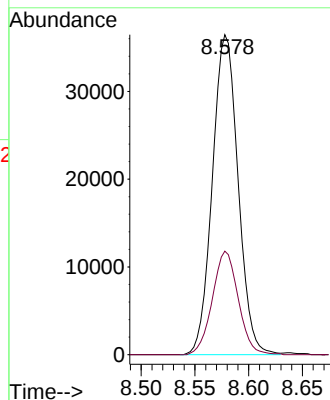
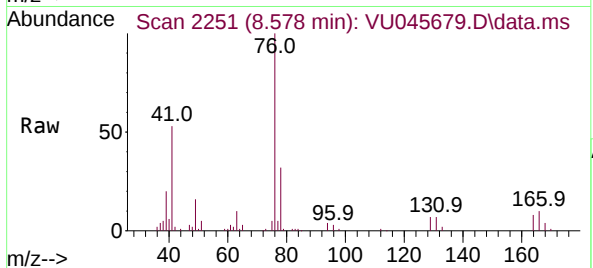
78 32.6 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#58

2-Chloroethyl Vinyl ether

Concen: 88.635 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045679.D

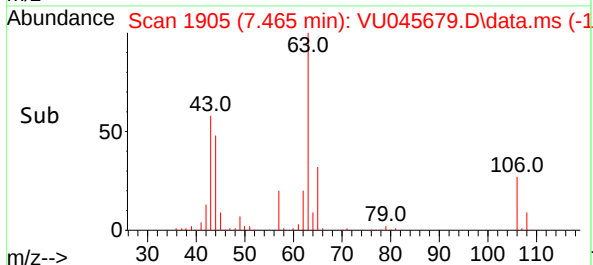
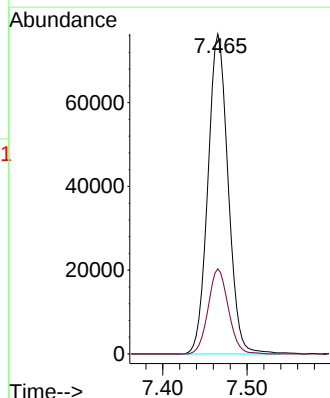
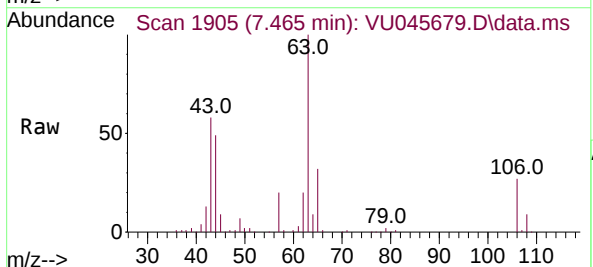
Acq: 10 Nov 2021 00:01

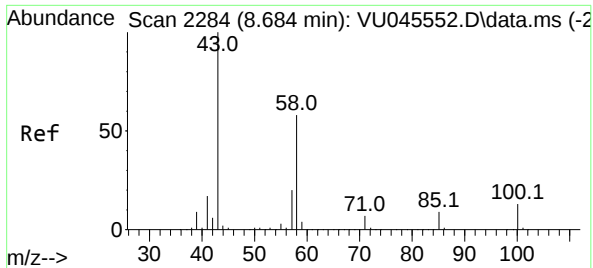
Tgt Ion: 63 Resp: 127485

Ion Ratio Lower Upper

63 100

106 26.5 21.0 31.4





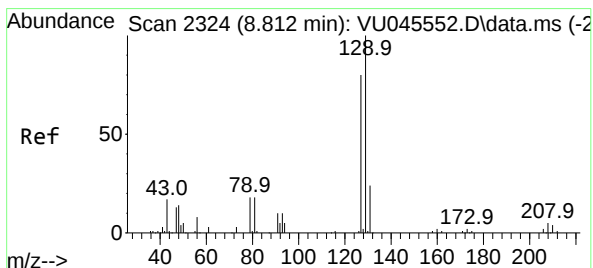
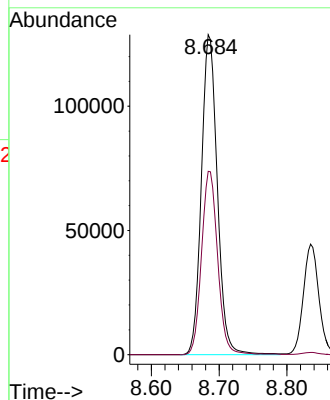
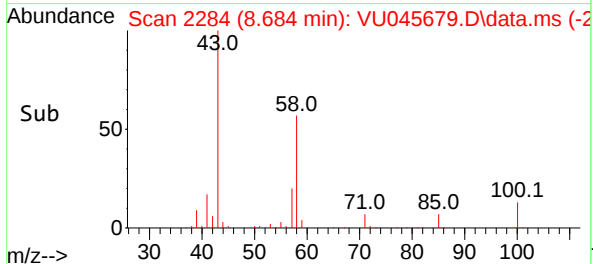
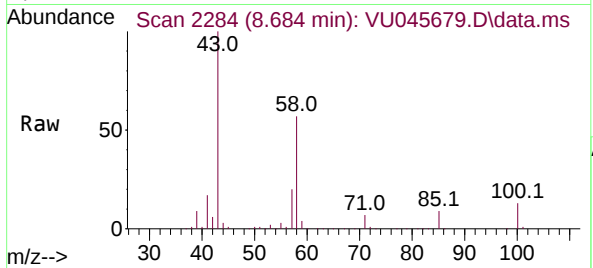
#59
2-Hexanone
Concen: 104.688 ug/l
RT: 8.684 min Scan# 21098
Delta R.T. -0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02

Tgt Ion: 43 Resp: 21098
Ion Ratio Lower Upper
43 100
58 57.9 29.5 88.6

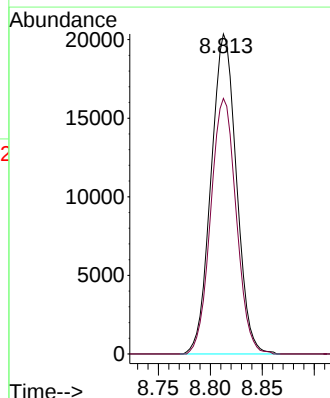
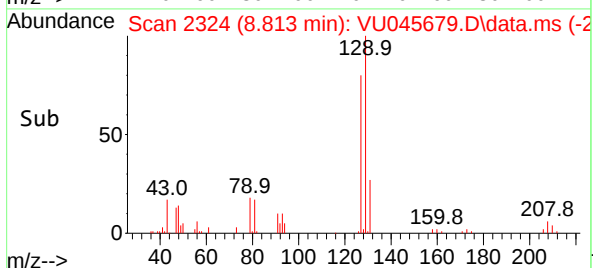
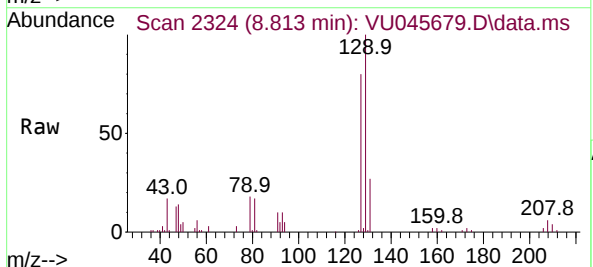
Manual Integrations
APPROVED

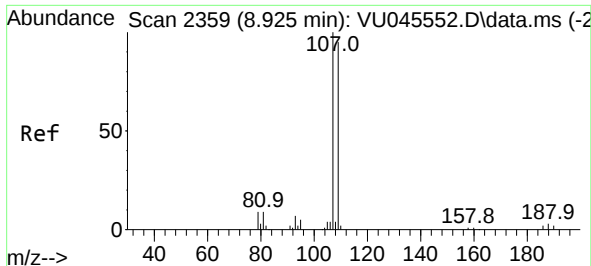
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#60
Dibromochloromethane
Concen: 21.264 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

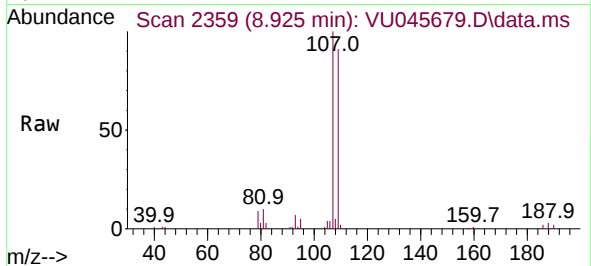
Tgt Ion:129 Resp: 34592
Ion Ratio Lower Upper
129 100
127 80.1 38.5 115.3





#61
1,2-Dibromoethane
Concen: 21.197 ug/l
RT: 8.925 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

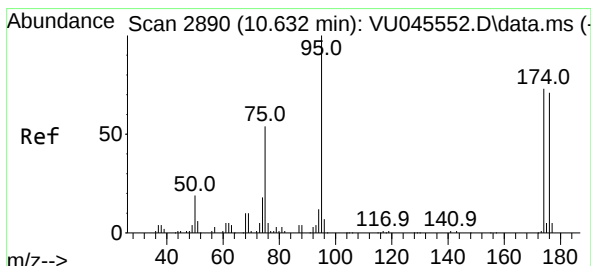
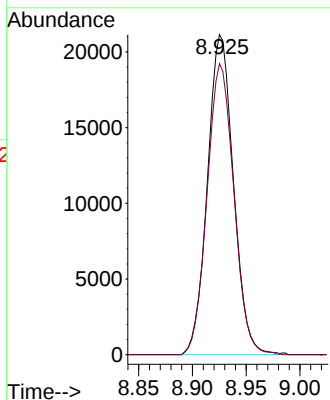
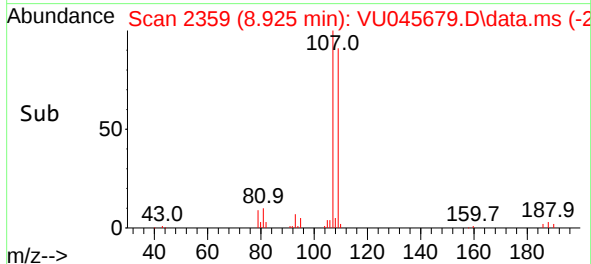
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02



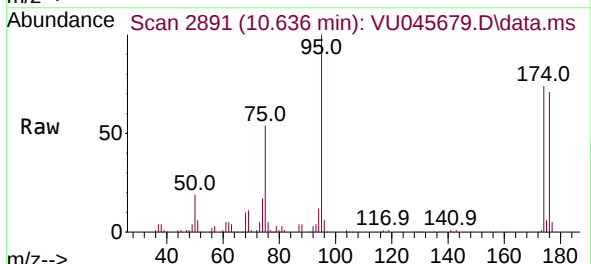
Tgt Ion:107 Resp: 35518
Ion Ratio Lower Upper
107 100
109 93.7 75.8 113.8

Manual Integrations
APPROVED

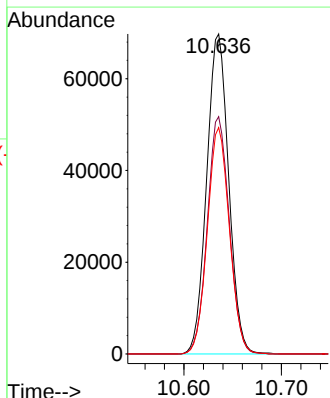
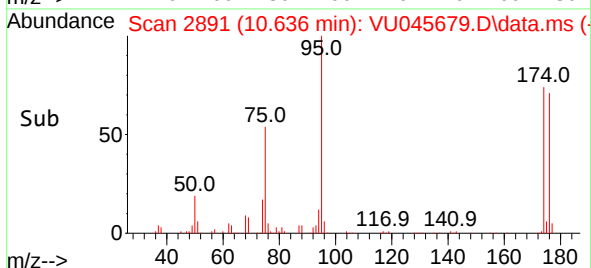
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

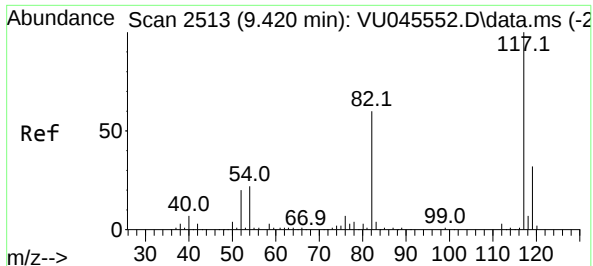


#62
4-Bromofluorobenzene
Concen: 51.508 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01



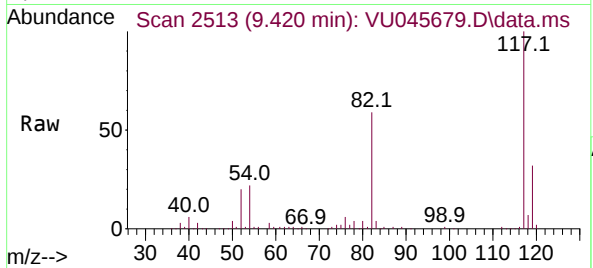
Tgt Ion: 95 Resp: 109368
Ion Ratio Lower Upper
95 100
174 74.2 0.0 141.8
176 71.0 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

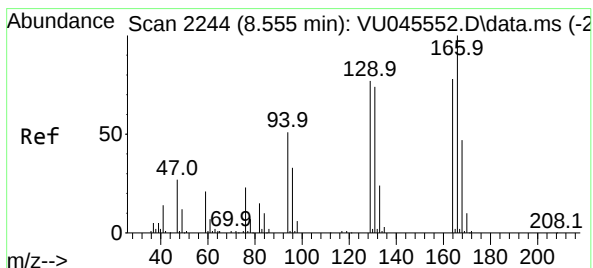
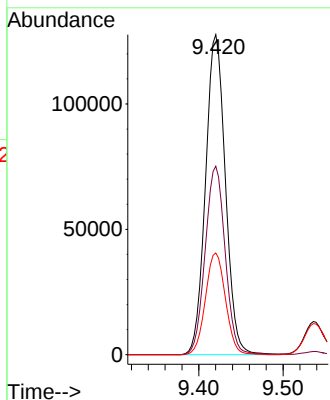
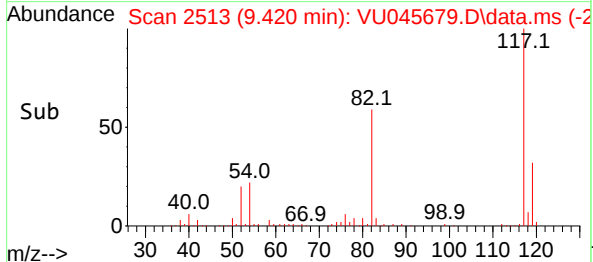
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02



Tgt Ion:117 Resp: 20948
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.8
119 31.8 25.8 38.8

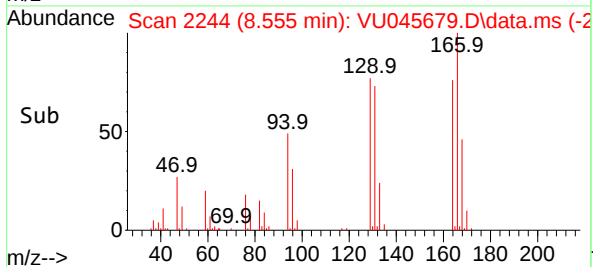
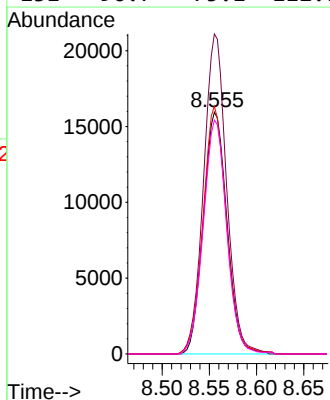
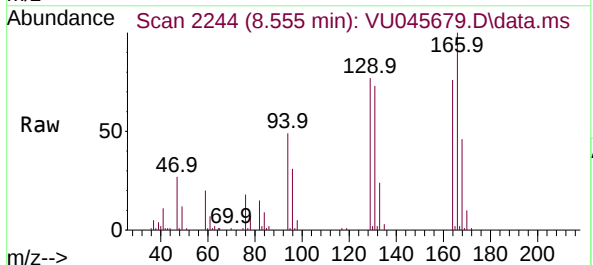
Manual Integrations
APPROVED

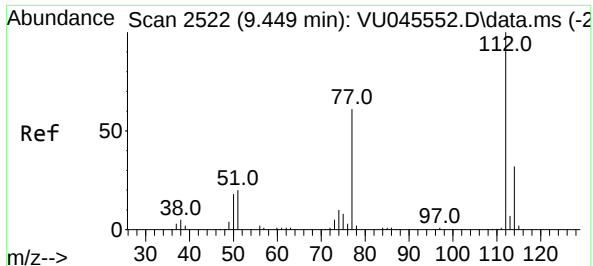
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#64
Tetrachloroethene
Concen: 23.156 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

Tgt Ion:164 Resp: 27842
Ion Ratio Lower Upper
164 100
166 132.3 102.2 153.4
129 102.5 78.2 117.4
131 96.7 75.1 112.7





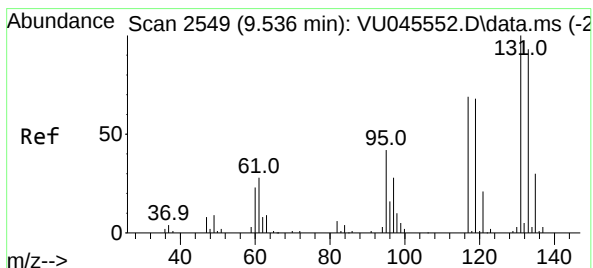
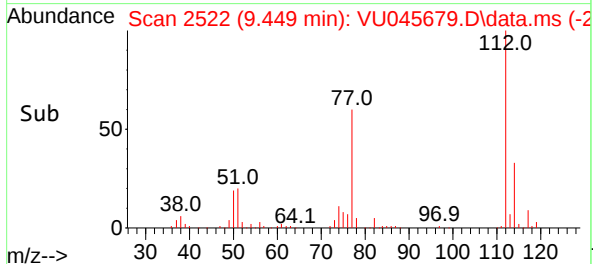
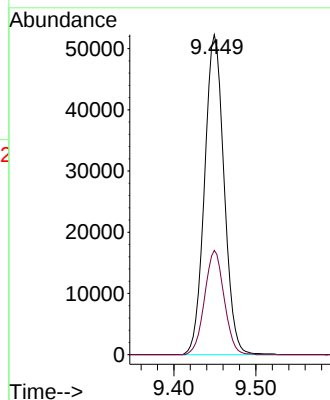
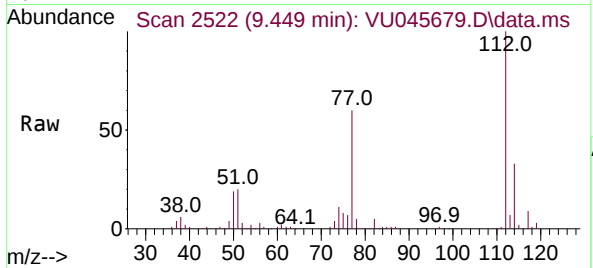
#65
Chlorobenzene
Concen: 20.976 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02

Tgt Ion:112 Resp: 8631
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

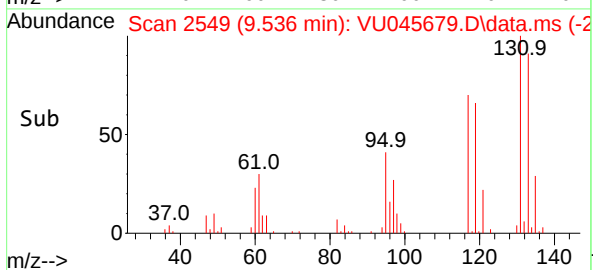
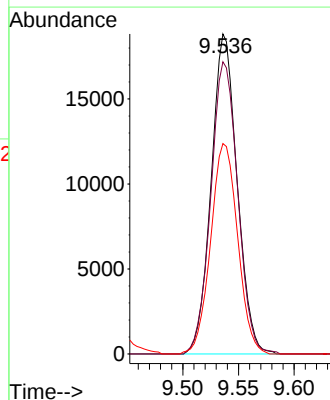
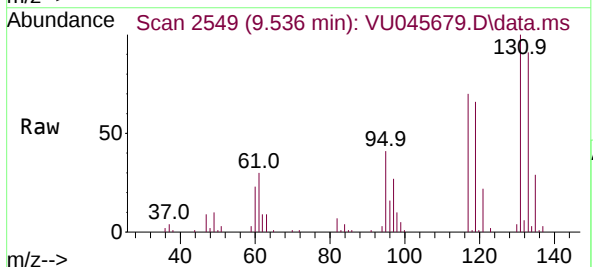
Manual Integrations
APPROVED

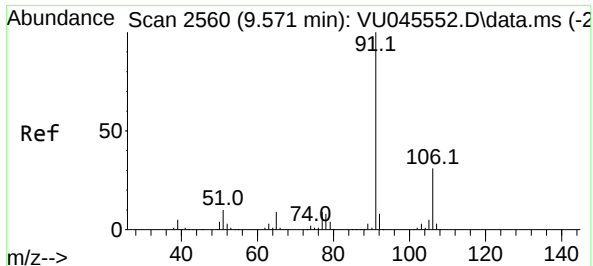
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 20.775 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

Tgt Ion:131 Resp: 30489
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.6
119 68.4 34.5 103.6





#67

Ethyl Benzene

Concen: 20.894 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU045679.D

Acq: 10 Nov 2021 00:01

Instrument :

MSVOA_U

ClientSampleId :

VU1109WBSD02

Tgt Ion: 91 Resp: 15396

Ion Ratio Lower Upper

91 100

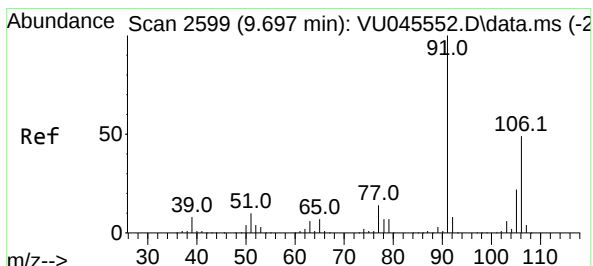
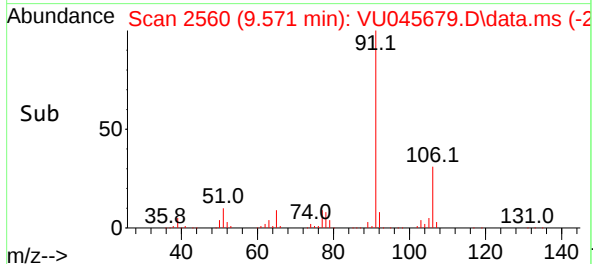
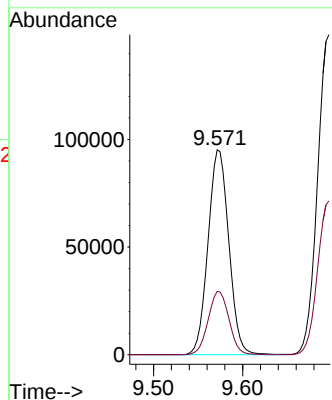
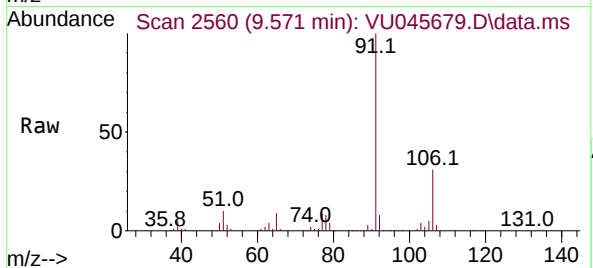
106 30.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#68

m/p-Xylenes

Concen: 42.618 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045679.D

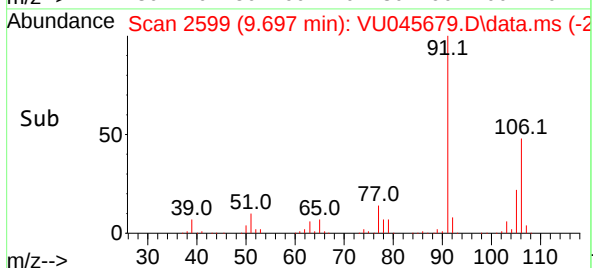
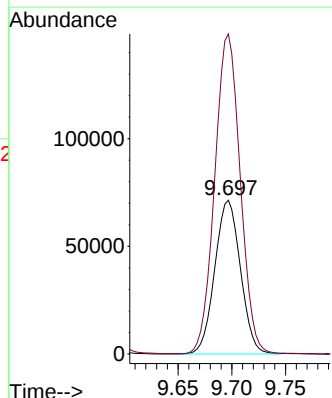
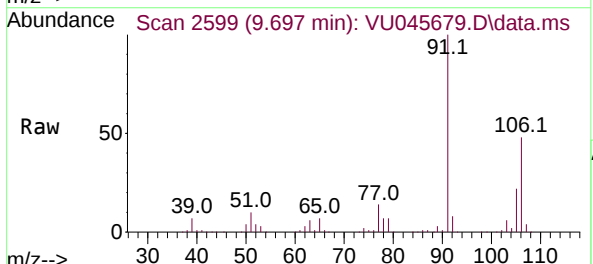
Acq: 10 Nov 2021 00:01

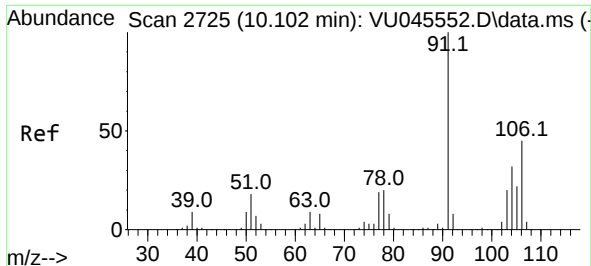
Tgt Ion:106 Resp: 118439

Ion Ratio Lower Upper

106 100

91 207.6 164.7 247.1





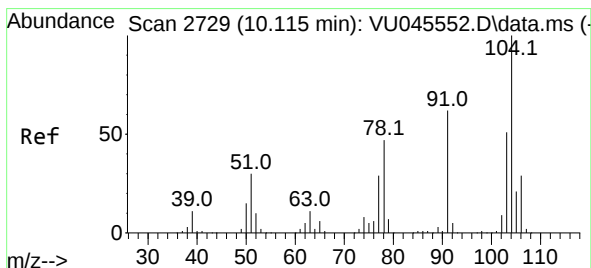
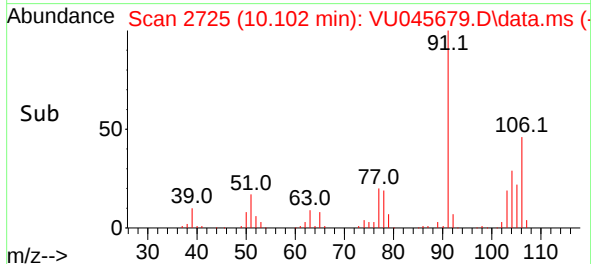
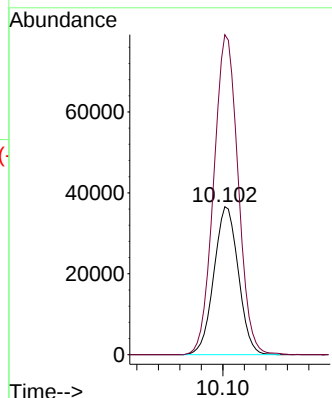
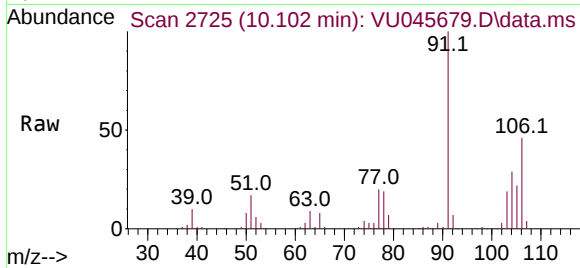
#69
o-Xylene
Concen: 21.366 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02

Tgt Ion:106 Resp: 5772
Ion Ratio Lower Upper
106 100
91 216.1 108.7 326.3

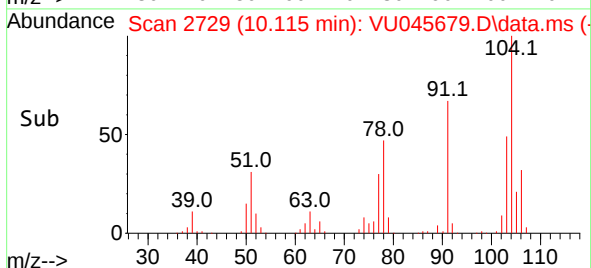
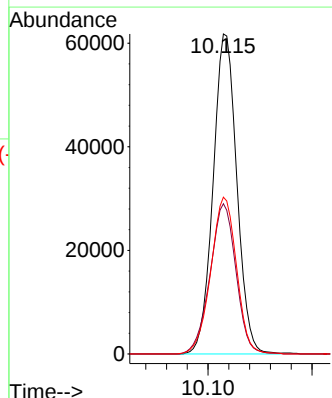
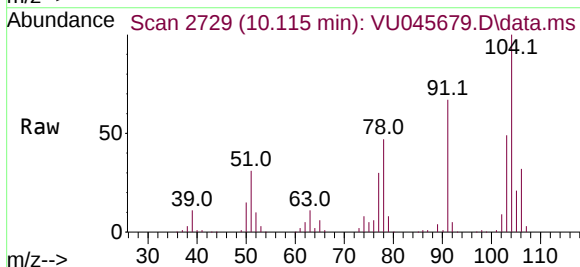
Manual Integrations
APPROVED

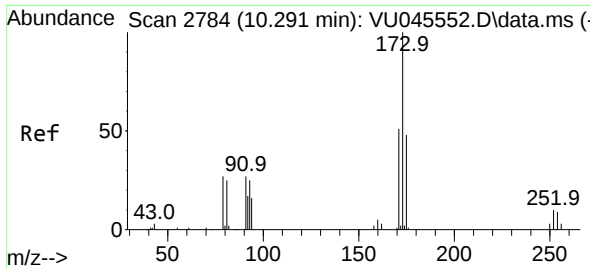
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#70
Styrene
Concen: 21.440 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

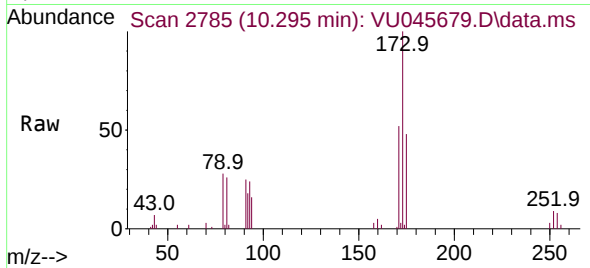
Tgt Ion:104 Resp: 97998
Ion Ratio Lower Upper
104 100
78 51.2 41.8 62.6
103 53.1 43.8 65.6





#71
Bromoform
Concen: 20.478 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

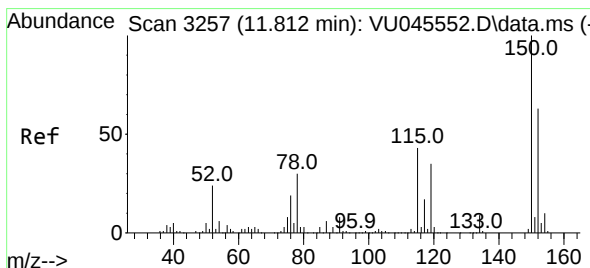
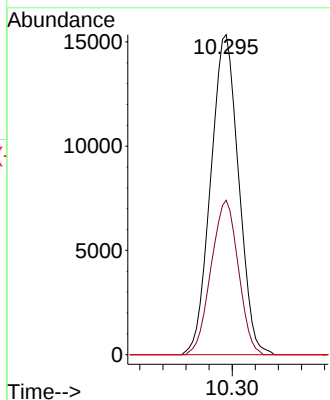
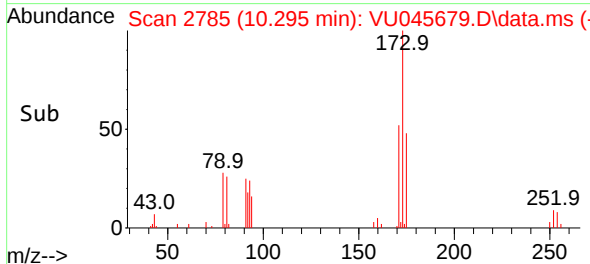
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02



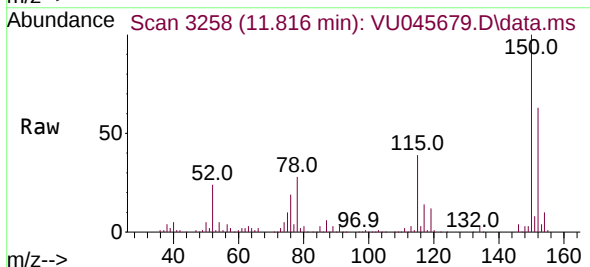
Tgt Ion:173 Resp: 2574
Ion Ratio Lower Upper
173 100
175 47.1 24.1 72.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

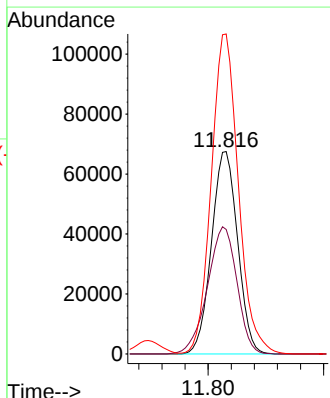
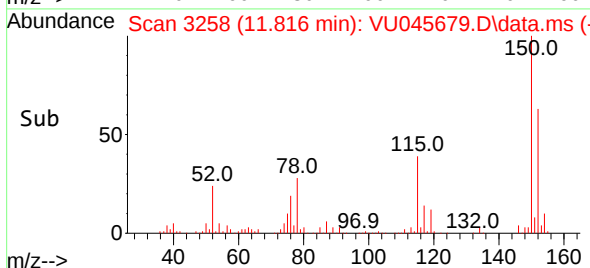
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

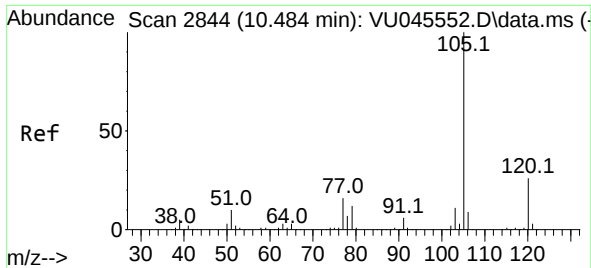


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01



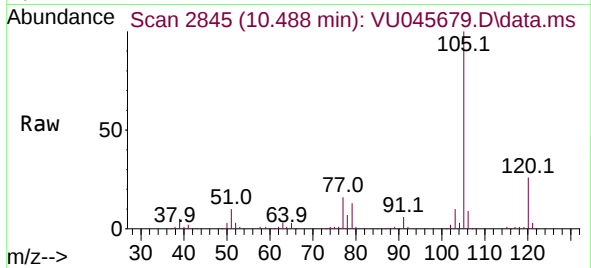
Tgt Ion:152 Resp: 106115
Ion Ratio Lower Upper
152 100
115 70.8 42.7 128.1
150 164.0 0.0 346.8





#73
Isopropylbenzene
Concen: 21.980 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

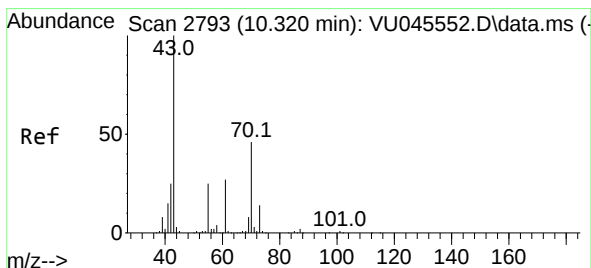
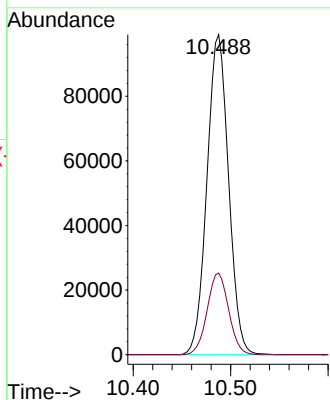
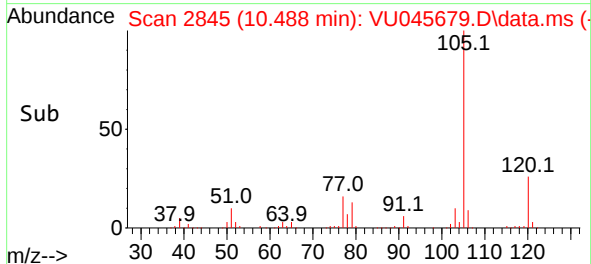
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02



Tgt Ion:105 Resp: 152395
Ion Ratio Lower Upper
105 100
120 25.3 12.9 38.6

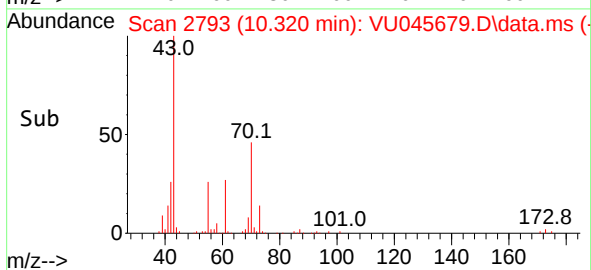
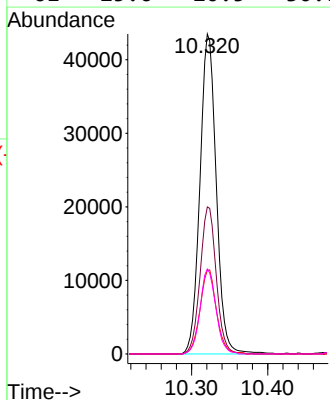
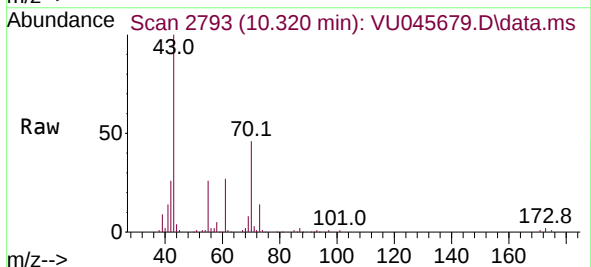
Manual Integrations
APPROVED

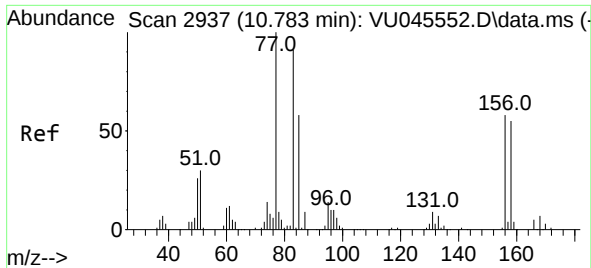
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#74
N-ethyl acetate
Concen: 20.715 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

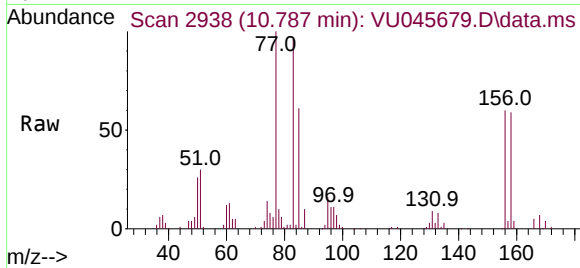
Tgt Ion: 43 Resp: 64794
Ion Ratio Lower Upper
43 100
70 45.4 36.9 55.3
55 26.5 20.6 31.0
61 25.6 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.662 ug/l
RT: 10.787 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

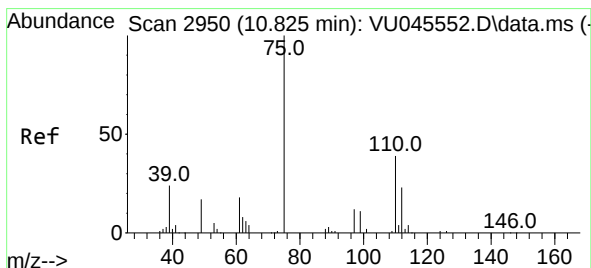
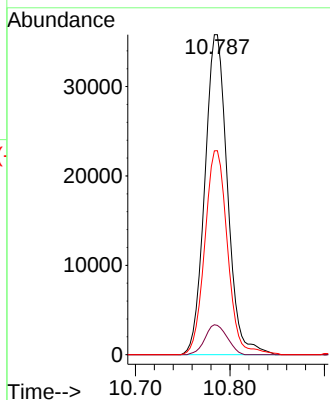
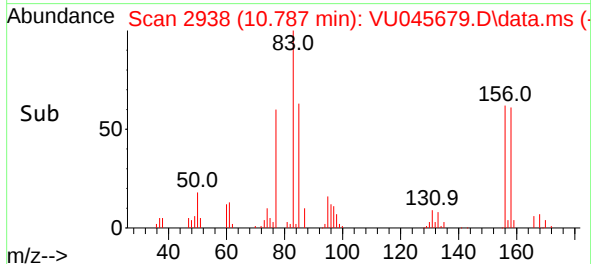
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02



Tgt Ion: 83 Resp: 59500
Ion Ratio Lower Upper
83 100
131 9.1 4.4 13.2
85 64.2 31.9 95.9

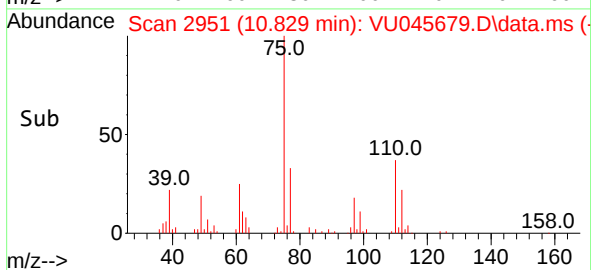
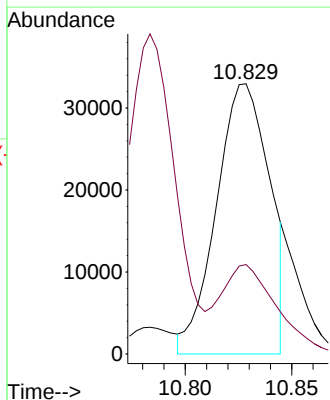
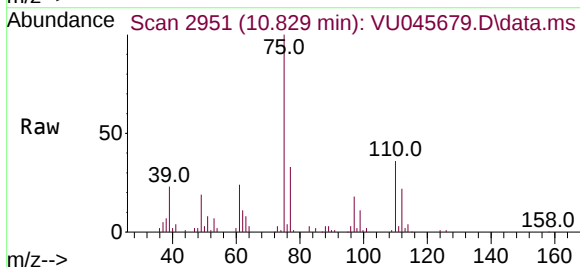
Manual Integrations
APPROVED

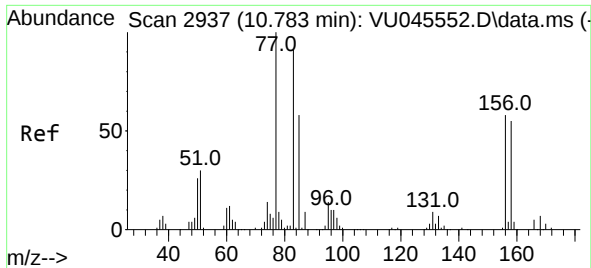
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#76
1,2,3-Trichloropropane
Concen: 17.693 ug/l m
RT: 10.829 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

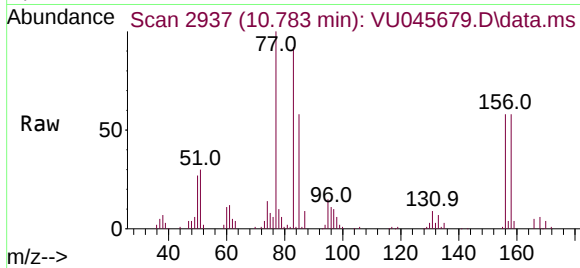
Tgt Ion: 75 Resp: 56936
Ion Ratio Lower Upper
75 100
77 35.4 17.1 51.3





#77
Bromobenzene
Concen: 21.438 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

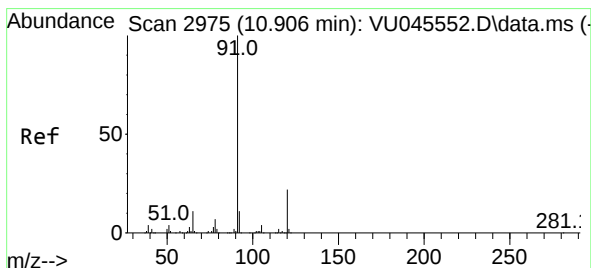
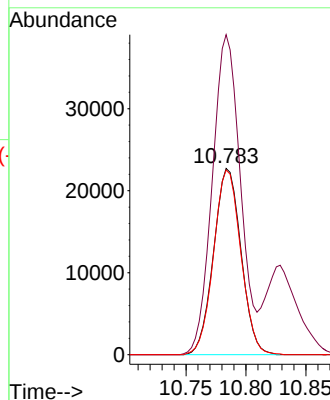
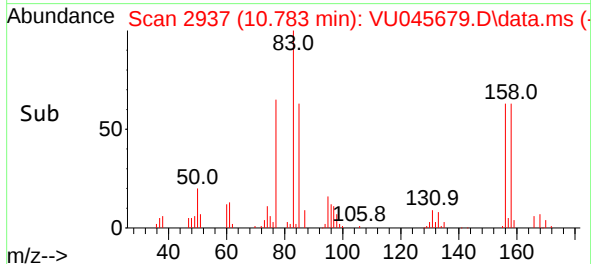
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02



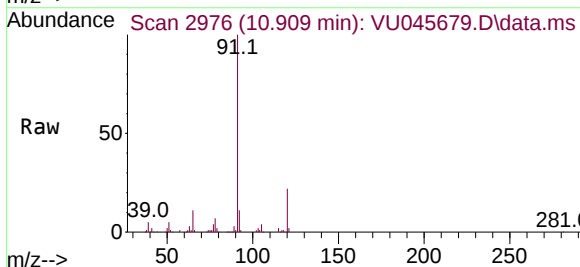
Tgt Ion:156 Resp: 36089
Ion Ratio Lower Upper
156 100
77 175.3 91.1 273.4
158 98.8 47.9 143.6

Manual Integrations
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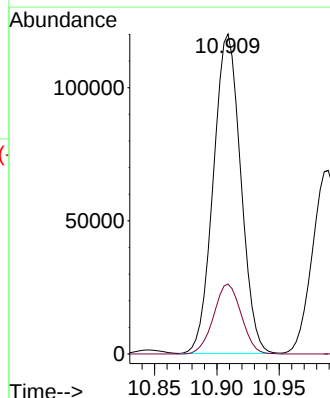
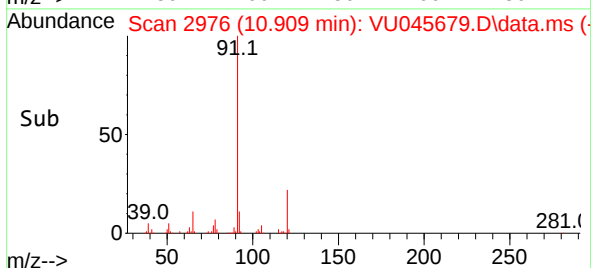
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

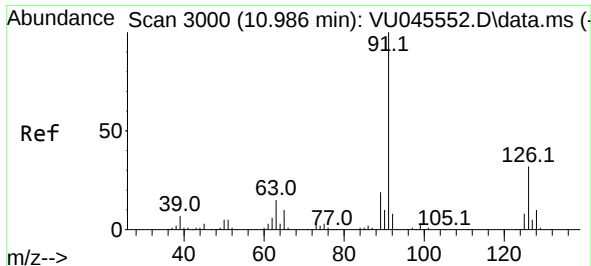


#78
n-propylbenzene
Concen: 21.274 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01



Tgt Ion: 91 Resp: 183583
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.7





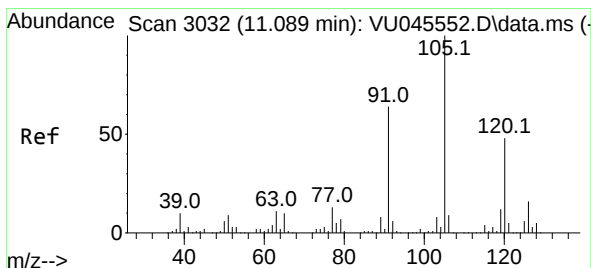
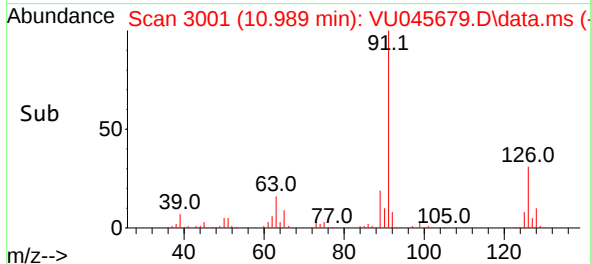
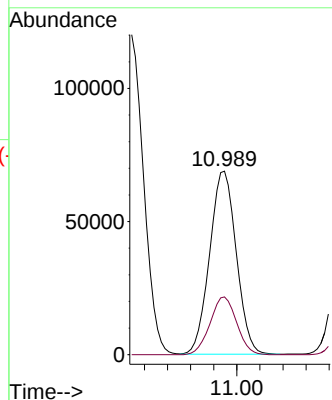
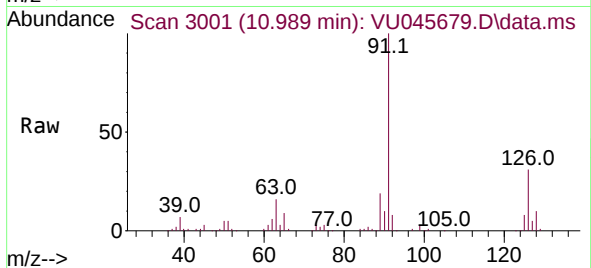
#79
2-Chlorotoluene
Concen: 21.616 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02

Tgt Ion: 91 Resp: 11020
Ion Ratio Lower Upper
91 100
126 31.4 15.6 46.8

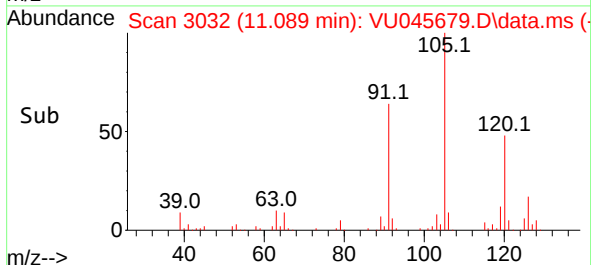
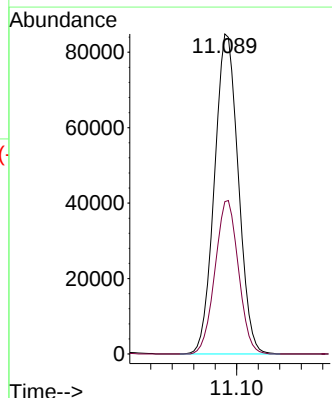
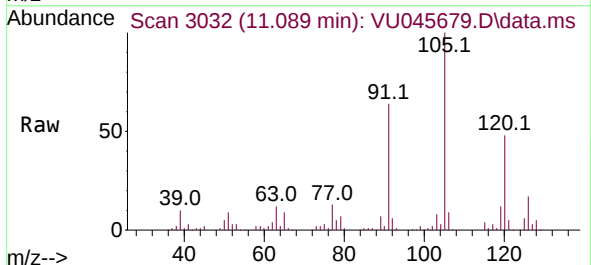
Manual Integrations
APPROVED

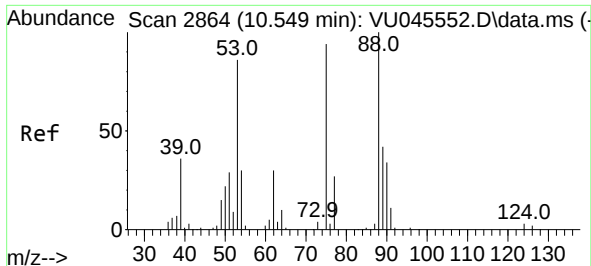
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#80
1,3,5-Trimethylbenzene
Concen: 21.546 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

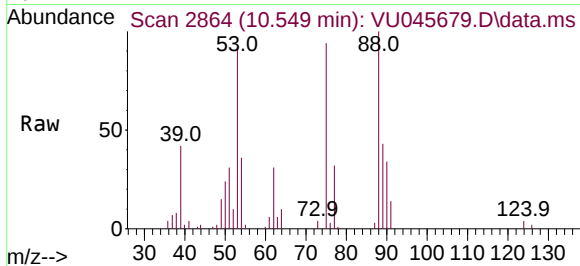
Tgt Ion:105 Resp: 130523
Ion Ratio Lower Upper
105 100
120 47.2 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 17.592 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

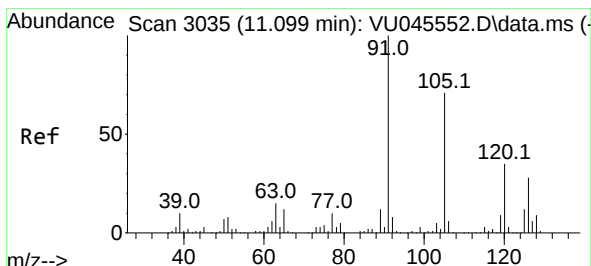
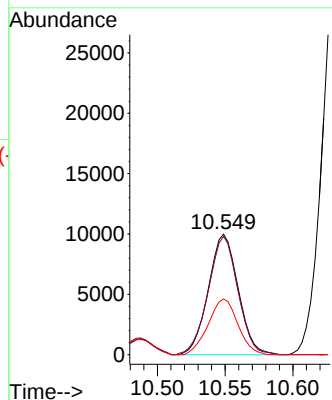
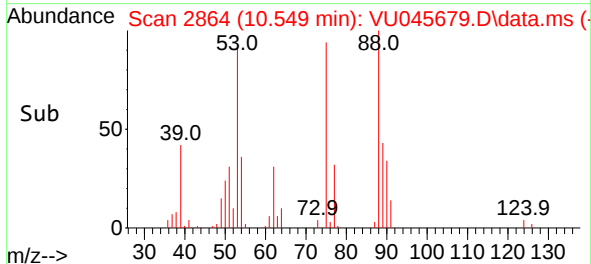
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02



Tgt Ion: 75 Resp: 15254
Ion Ratio Lower Upper
75 100
53 97.6 76.2 114.4
89 46.0 34.0 51.0

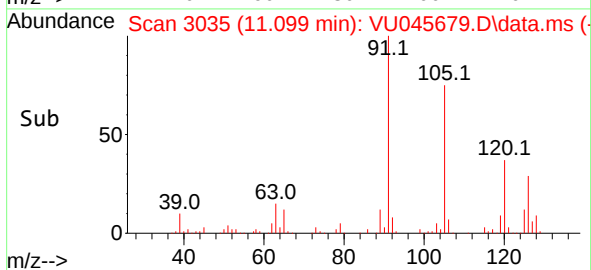
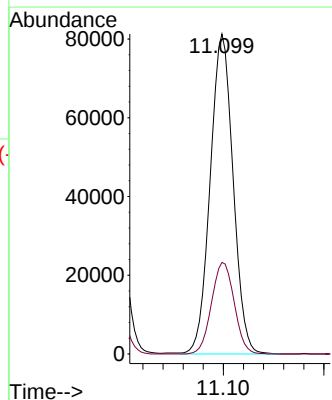
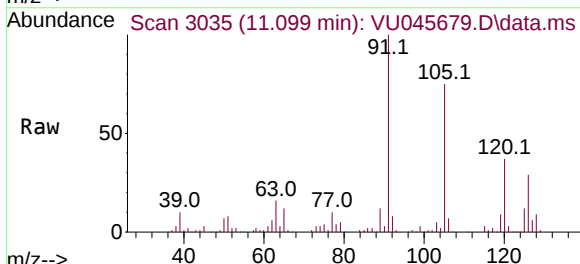
Manual Integrations
APPROVED

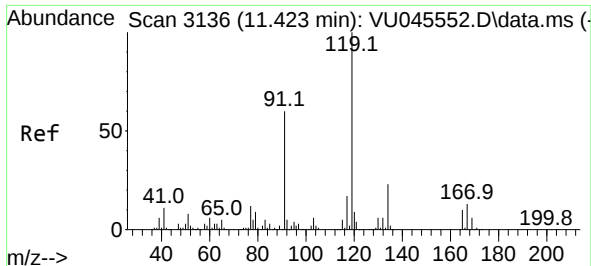
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#82
4-Chlorotoluene
Concen: 21.477 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

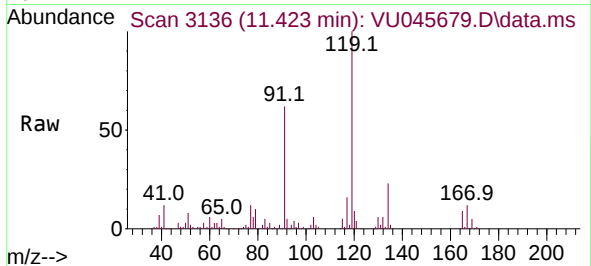
Tgt Ion: 91 Resp: 128413
Ion Ratio Lower Upper
91 100
126 28.4 13.8 41.4





#83
tert-Butylbenzene
Concen: 21.373 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

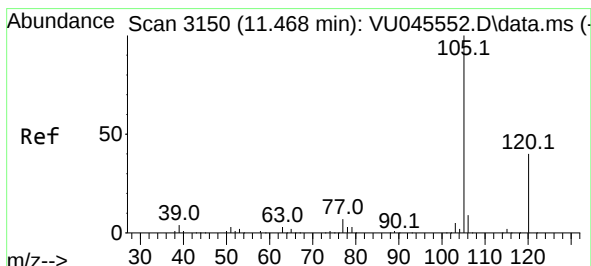
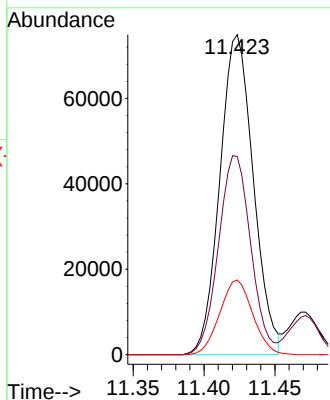
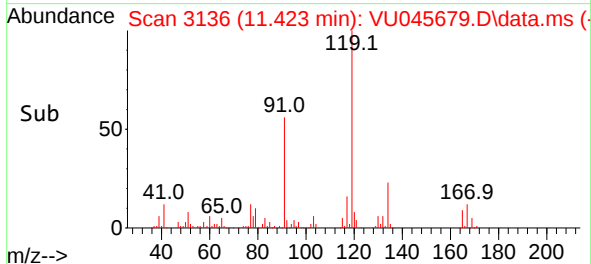
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02



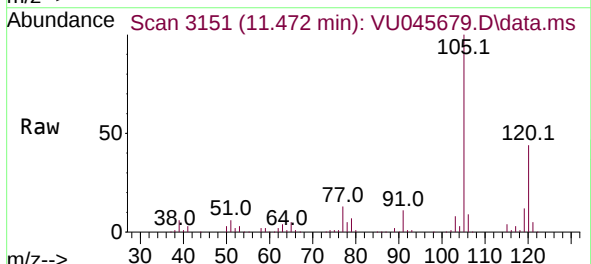
Tgt Ion:119 Resp: 123424
Ion Ratio Lower Upper
119 100
91 60.3 30.5 91.5
134 23.0 11.5 34.5

Manual Integrations
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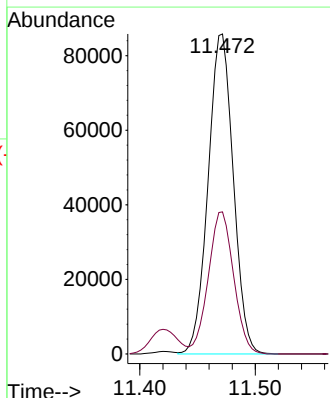
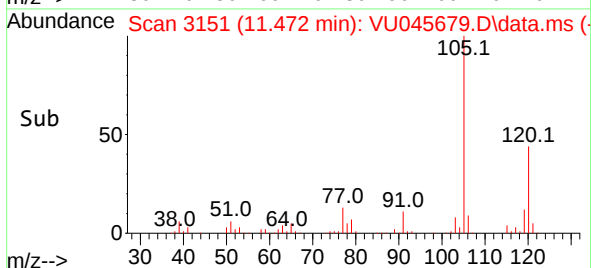
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

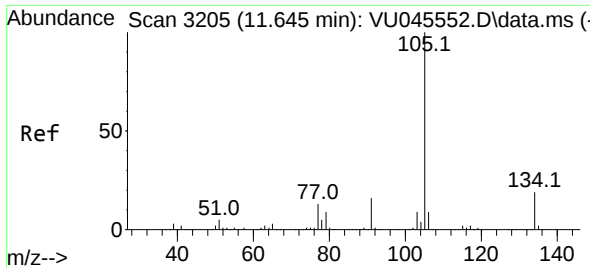


#84
1,2,4-Trimethylbenzene
Concen: 21.626 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01



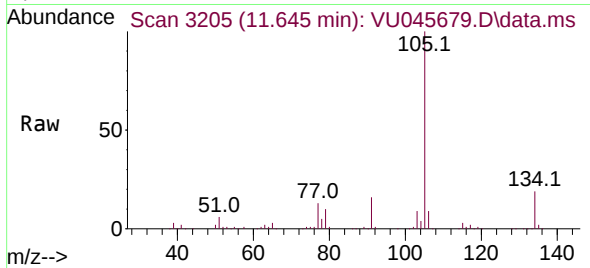
Tgt Ion:105 Resp: 130202
Ion Ratio Lower Upper
105 100
120 44.6 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 21.197 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. 0.000 min
 Lab File: VU045679.D
 Acq: 10 Nov 2021 00:01

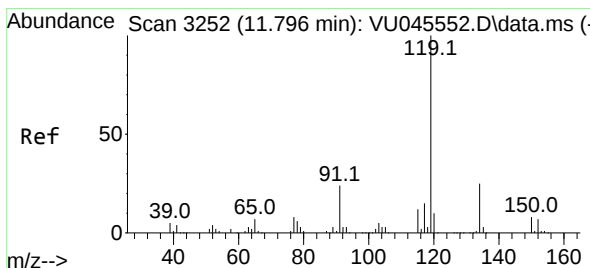
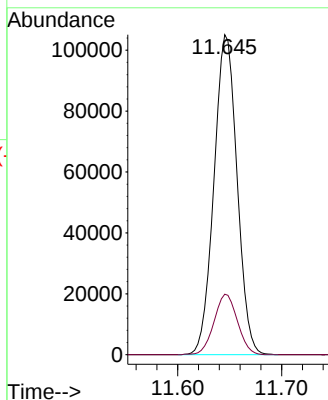
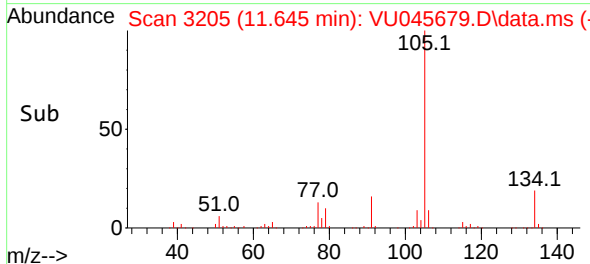
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1109WBSD02



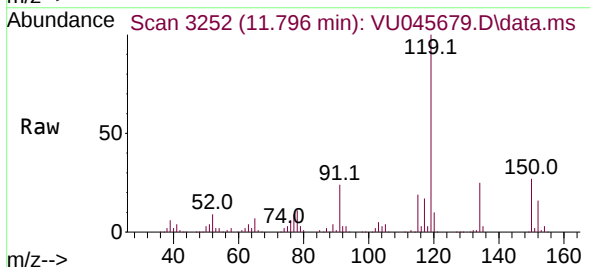
Tgt Ion:105 Resp: 16233
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.4 28.3

Manual Integrations
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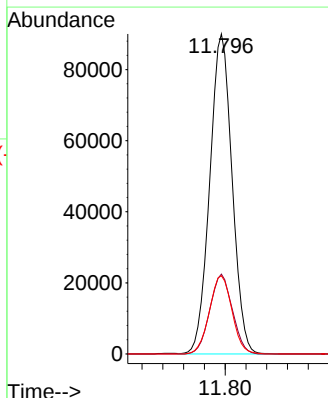
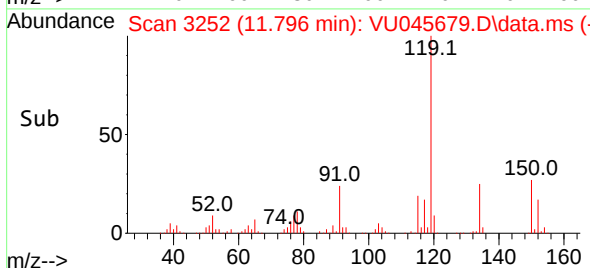
Reviewed By :John Carlone 11/10/2021
 Supervised By :Mahesh Dadoda 11/16/2021

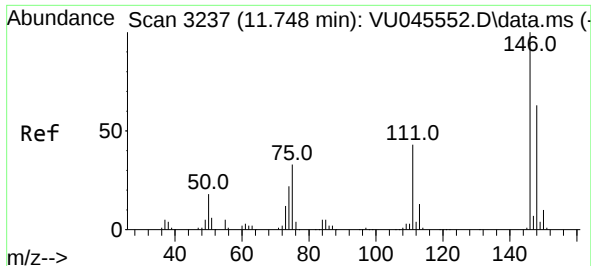


#86
 p-Isopropyltoluene
 Concen: 20.962 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045679.D
 Acq: 10 Nov 2021 00:01



Tgt Ion:119 Resp: 134156
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.1
 91 24.7 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 20.674 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU045679.D

Acq: 10 Nov 2021 00:01

Instrument :

MSVOA_U

ClientSampleId :

VU1109WBSD02

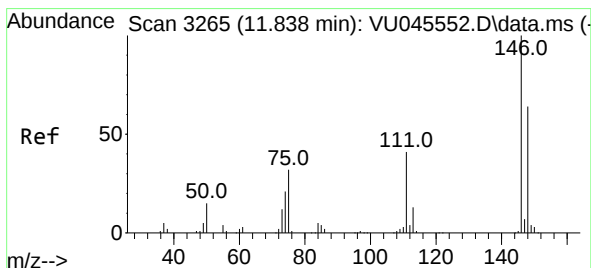
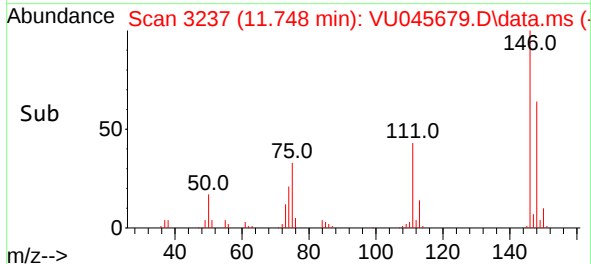
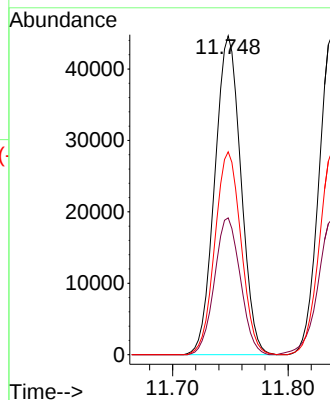
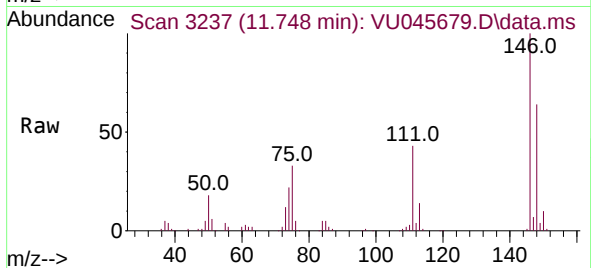
Tgt Ion:146 Resp: 7022
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.3 63.9
 148 63.7 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/16/2021



#88

1,4-Dichlorobenzene

Concen: 20.664 ug/l

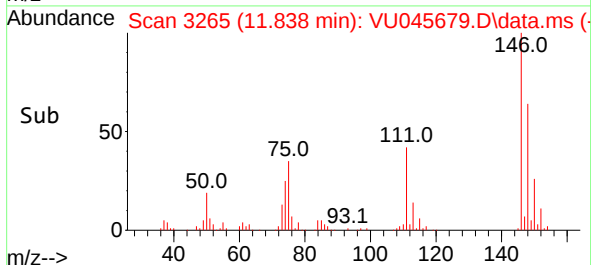
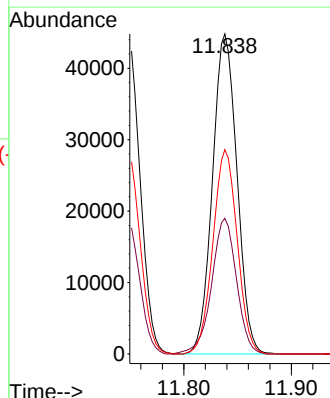
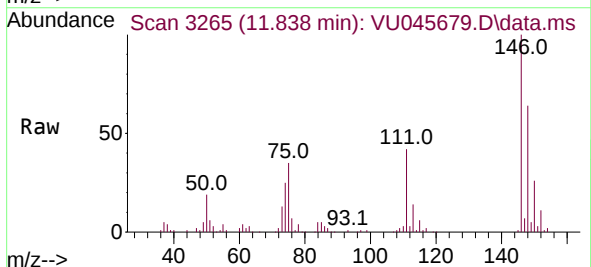
RT: 11.838 min Scan# 3265

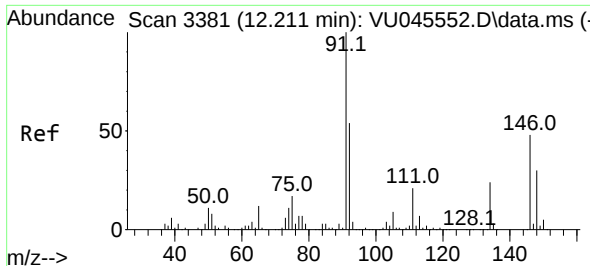
Delta R.T. 0.000 min

Lab File: VU045679.D

Acq: 10 Nov 2021 00:01

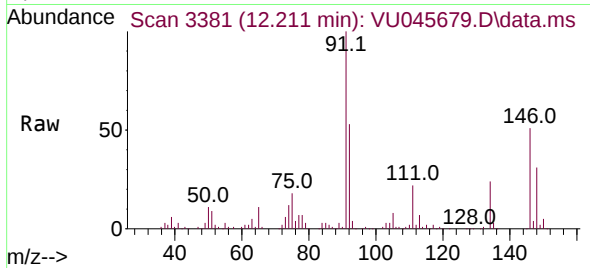
Tgt Ion:146 Resp: 70987
 Ion Ratio Lower Upper
 146 100
 111 43.0 20.6 61.9
 148 63.4 31.9 95.7





#89
n-Butylbenzene
Concen: 19.829 ug/l
RT: 12.211 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

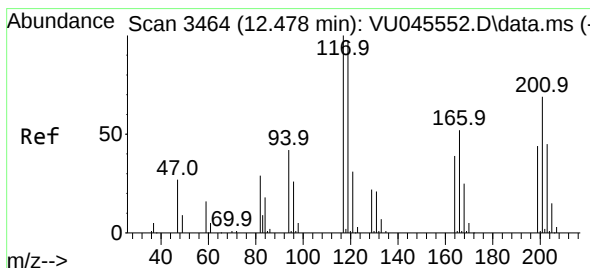
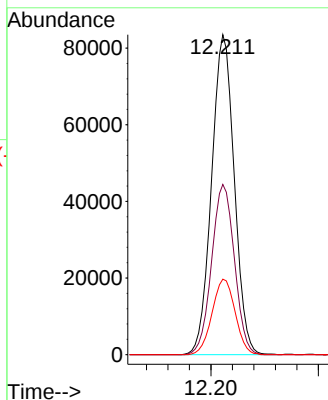
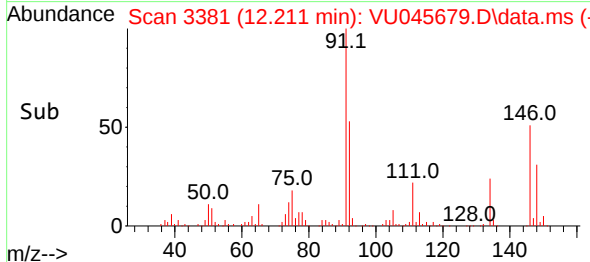
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02



Tgt Ion: 91 Resp: 12224
Ion Ratio Lower Upper
91 100
92 53.5 27.1 81.2
134 24.0 11.8 35.4

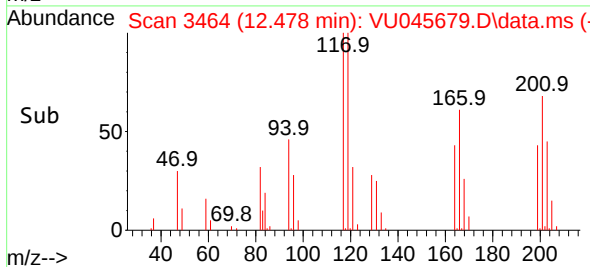
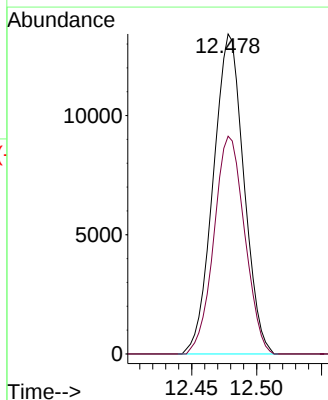
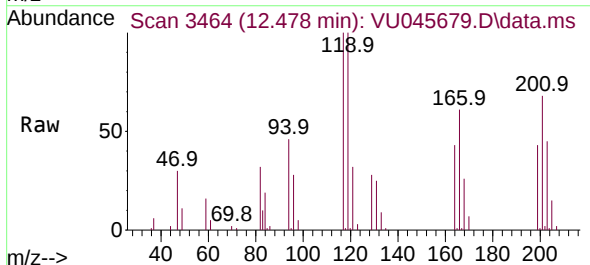
Manual Integrations
APPROVED

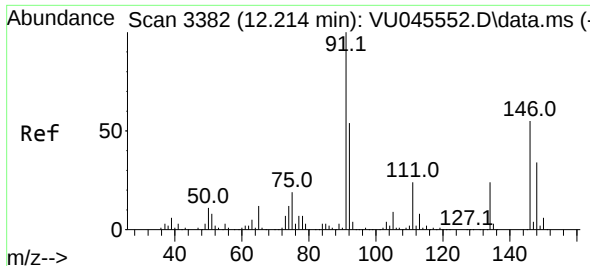
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#90
Hexachloroethane
Concen: 19.012 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

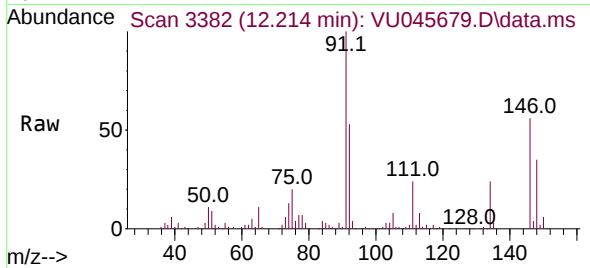
Tgt Ion:117 Resp: 21950
Ion Ratio Lower Upper
117 100
201 68.3 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 21.070 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

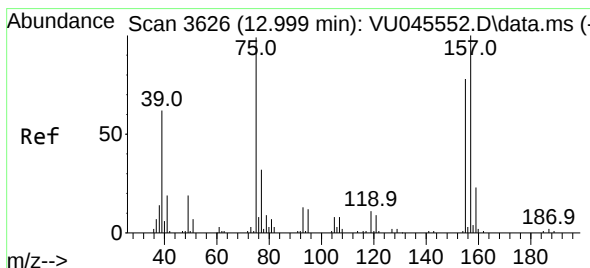
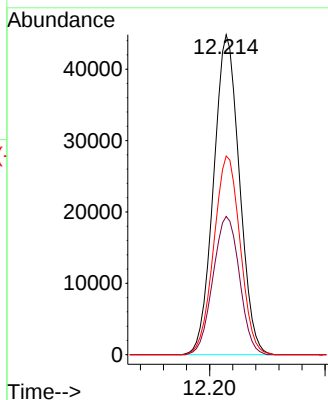
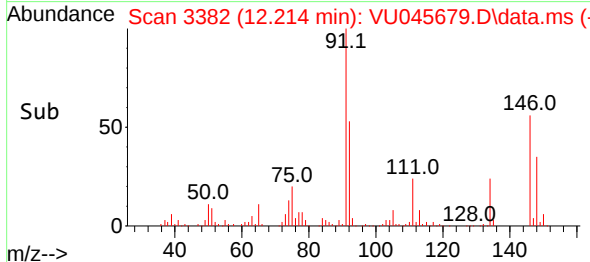
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02



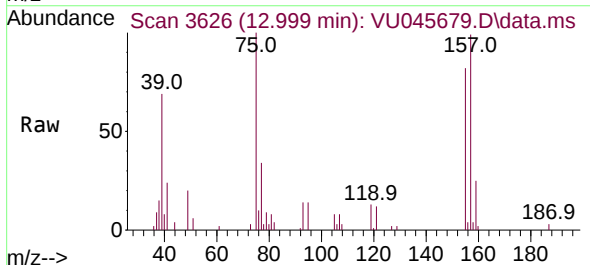
Tgt Ion:146 Resp: 6962
Ion Ratio Lower Upper
146 100
111 44.3 21.9 65.5
148 63.6 32.1 96.3

Manual Integrations
APPROVED

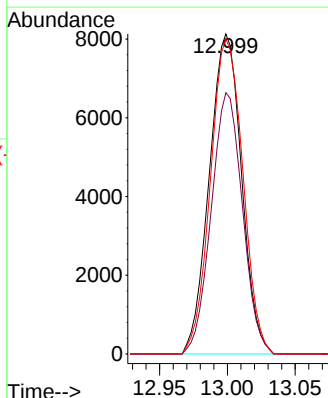
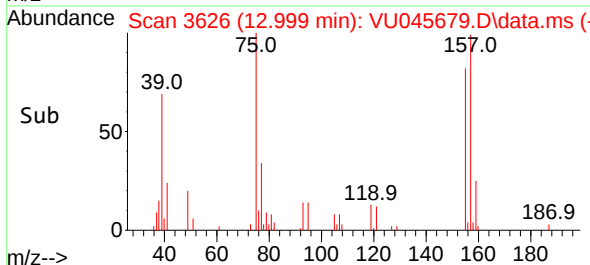
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

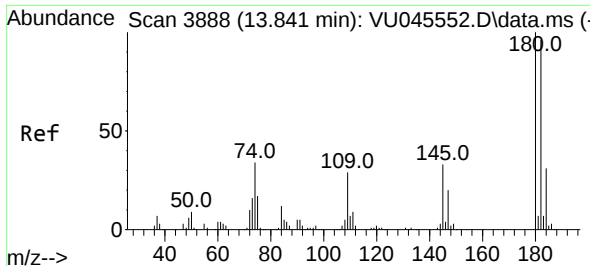


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.699 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01



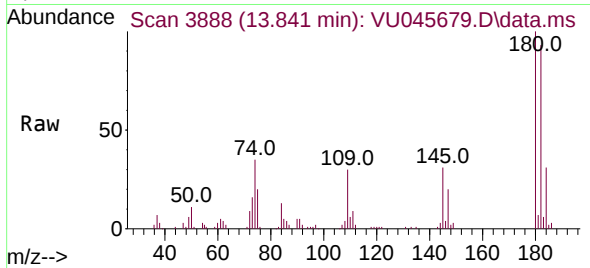
Tgt Ion: 75 Resp: 13417
Ion Ratio Lower Upper
75 100
155 79.2 37.8 113.3
157 98.8 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 19.698 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

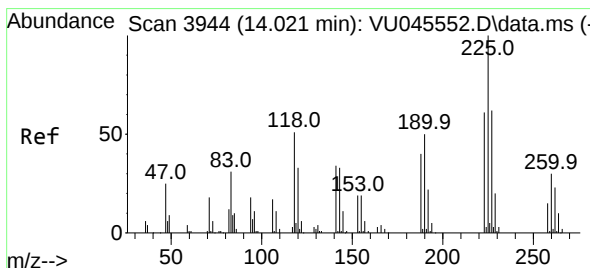
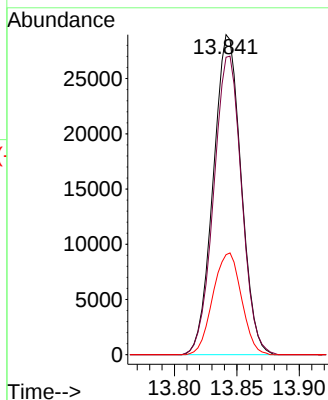
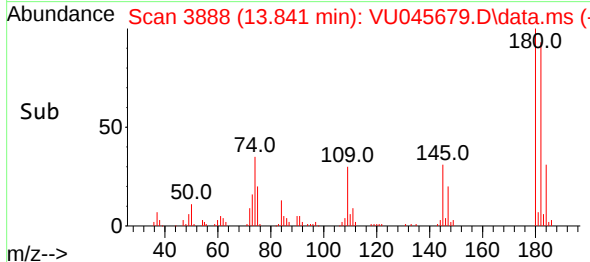
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02



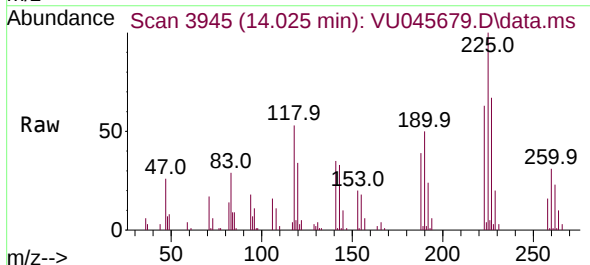
Tgt Ion:180 Resp: 4500
Ion Ratio Lower Upper
180 100
182 93.7 47.0 141.2
145 32.6 15.6 46.7

Manual Integrations
APPROVED

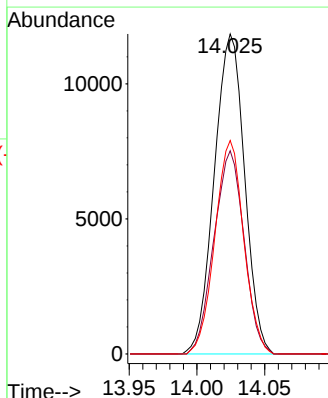
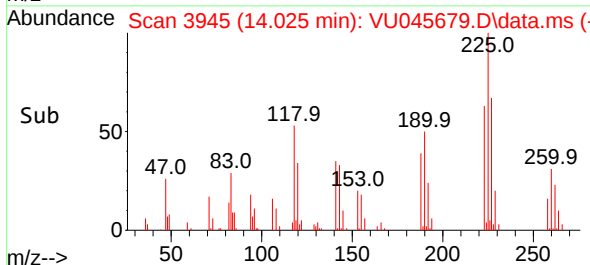
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021

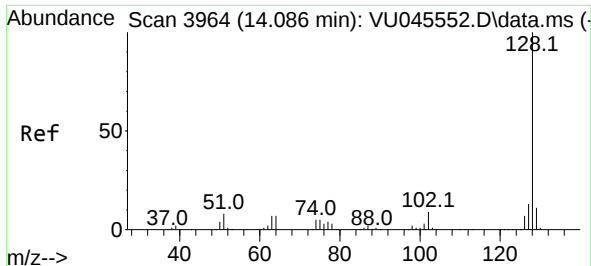


#94
Hexachlorobutadiene
Concen: 18.660 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01



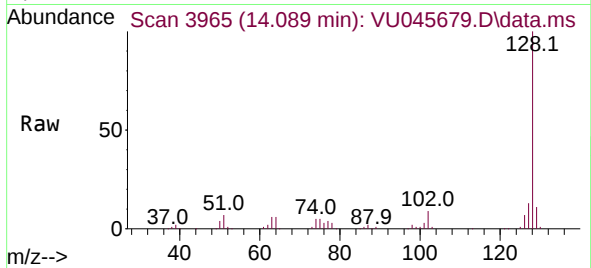
Tgt Ion:225 Resp: 18404
Ion Ratio Lower Upper
225 100
223 63.0 32.0 96.2
227 63.4 31.1 93.5





#95
Naphthalene
Concen: 19.959 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01

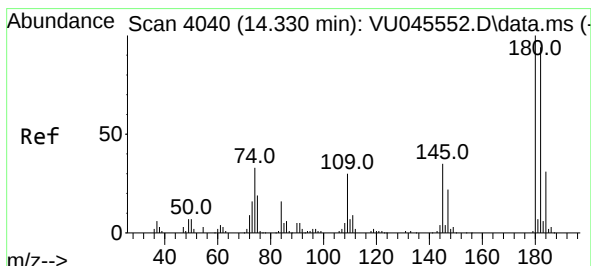
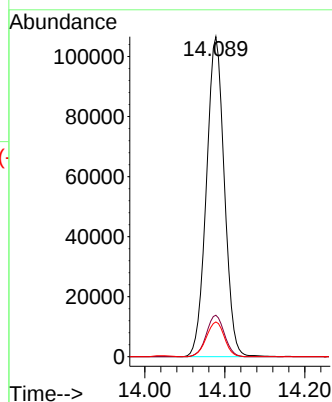
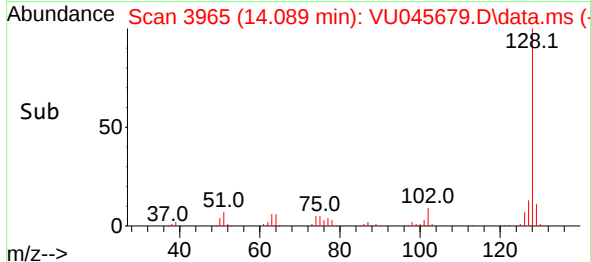
Instrument :
MSVOA_U
ClientSampleId :
VU1109WBSD02



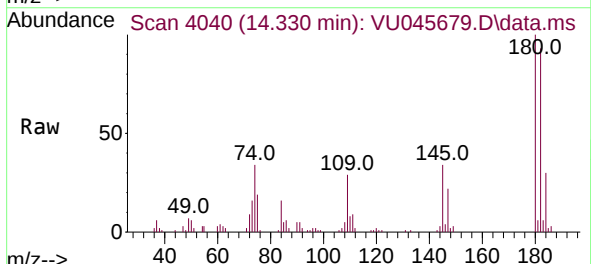
Tgt Ion:128 Resp: 166018
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/16/2021



#96
1,2,3-Trichlorobenzene
Concen: 20.712 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU045679.D
Acq: 10 Nov 2021 00:01



Tgt Ion:180 Resp: 47006
Ion Ratio Lower Upper
180 100
182 94.5 47.7 143.1
145 34.0 16.7 50.0

