

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045629.D
 Acq On : 08 Nov 2021 20:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 09 10:04:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2021
 Supervised By : Mahesh Dadoda 11/15/2021

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	141789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	251053	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	242666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	123883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	108012	50.866	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.740%			
35) Dibromofluoromethane	5.292	113	85290	50.885	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.760%			
50) Toluene-d8	7.899	98	323771	51.947	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.900%			
62) 4-Bromofluorobenzene	10.636	95	124818	49.941	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	91040	49.522	ug/l	99
3) Chloromethane	1.520	50	97517	46.361	ug/l	99
4) Vinyl Chloride	1.604	62	103413	50.470	ug/l	99
5) Bromomethane	1.845	94	65979	57.731	ug/l	100
6) Chloroethane	1.929	64	63817	47.725	ug/l	97
7) Trichlorofluoromethane	2.138	101	136795	50.487	ug/l	99
8) Diethyl Ether	2.379	74	55617	51.855	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.578	101	78033	49.321	ug/l	95
10) Methyl Iodide	2.723	142	93208	45.018	ug/l	93
11) Tert butyl alcohol	3.176	59	114532	272.501	ug/l	99
12) 1,1-Dichloroethene	2.578	96	78791	50.510	ug/l	98
13) Acrolein	2.485	56	16982	278.819	ug/l	100
14) Allyl chloride	2.925	41	139376	50.039	ug/l	98
15) Acrylonitrile	3.311	53	292778	260.907	ug/l	98
16) Acetone	2.626	43	226780	209.799	ug/l	99
17) Carbon Disulfide	2.793	76	208942	47.820	ug/l	99
18) Methyl Acetate	2.948	43	189299	51.416	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	299072	53.262	ug/l	100
20) Methylene Chloride	3.047	84	94706	50.423	ug/l	99
21) trans-1,2-Dichloroethene	3.353	96	86589	53.356	ug/l	95
22) Diisopropyl ether	3.996	45	289806	52.990	ug/l	92
23) Vinyl Acetate	3.957	43	1135676	269.990	ug/l	99
24) 1,1-Dichloroethane	3.871	63	169955	52.148	ug/l	99
25) 2-Butanone	4.700	43	378562	252.505	ug/l	99
26) 2,2-Dichloropropane	4.668	77	123737	45.818	ug/l	100
27) cis-1,2-Dichloroethene	4.668	96	101049	53.013	ug/l	99
28) Bromochloromethane	4.977	49	67086	43.177	ug/l	92
29) Tetrahydrofuran	5.051	42	242266	264.180	ug/l	99
30) Chloroform	5.092	83	166999	51.811	ug/l	99
31) Cyclohexane	5.391	56	148022	47.775	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	144597	52.606	ug/l	96
36) 1,1-Dichloropropene	5.530	75	122787	50.159	ug/l	98
37) Ethyl Acetate	4.803	43	144130	51.255	ug/l	98
38) Carbon Tetrachloride	5.526	117	125222	50.739	ug/l	100
39) Methylcyclohexane	6.764	83	145519	48.455	ug/l	95
40) Benzene	5.777	78	363360	50.136	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	79215	53.306	ug/l	98
42) 1,2-Dichloroethane	5.797	62	135734	51.849	ug/l	100
43) Isopropyl Acetate	5.912	43	226364	52.630	ug/l	98
44) Trichloroethene	6.542	130	90444	52.134	ug/l	96
45) 1,2-Dichloropropane	6.793	63	98820	51.531	ug/l	98
46) Dibromomethane	6.922	93	69595	52.376	ug/l	97
47) Bromodichloromethane	7.108	83	134248	53.248	ug/l	98
48) Methyl methacrylate	6.960	41	105231	53.156	ug/l	97
49) 1,4-Dioxane	6.964	88	53398	1048.873	ug/l #	95
51) 4-Methyl-2-Pentanone	7.793	43	748832	263.931	ug/l	100
52) Toluene	7.973	92	233872	52.708	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	151114	52.152	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	160834	52.259	ug/l	96
55) 1,1,2-Trichloroethane	8.401	97	96293	52.363	ug/l	99
56) Ethyl methacrylate	8.333	69	159337	48.389	ug/l	97
57) 1,3-Dichloropropane	8.578	76	170704	51.539	ug/l	99
59) 2-Hexanone	8.684	43	571848	232.187	ug/l	100
60) Dibromochloromethane	8.813	129	102675	53.619	ug/l	99
61) 1,2-Dibromoethane	8.925	107	102237	51.836	ug/l	99
64) Tetrachloroethene	8.555	164	75384	54.124	ug/l	98
65) Chlorobenzene	9.449	112	245942	51.597	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	88310	51.947	ug/l	99
67) Ethyl Benzene	9.571	91	447952	52.478	ug/l	100
68) m/p-Xylenes	9.697	106	347415	107.918	ug/l	98
69) o-Xylene	10.102	106	169234	54.072	ug/l	100
70) Styrene	10.115	104	287298	54.260	ug/l	98
71) Bromoform	10.295	173	78473	48.846	ug/l #	98
73) Isopropylbenzene	10.488	105	443627	54.807	ug/l	100
74) N-amyl acetate	10.320	43	201540	55.193	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	165434	51.585	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	149743m	39.859	ug/l	
77) Bromobenzene	10.783	156	106450	54.166	ug/l	95
78) n-propylbenzene	10.909	91	534473	53.053	ug/l	99
79) 2-Chlorotoluene	10.986	91	316783	53.223	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	377599	53.392	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	50793	44.633	ug/l	95
82) 4-Chlorotoluene	11.099	91	369202	52.892	ug/l	98
83) tert-Butylbenzene	11.423	119	365657	54.239	ug/l	98
84) 1,2,4-Trimethylbenzene	11.468	105	382431	54.409	ug/l	100
85) sec-Butylbenzene	11.645	105	470732	52.649	ug/l	100
86) p-Isopropyltoluene	11.796	119	389122	52.081	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	203312	51.273	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	206009	51.368	ug/l	100
89) n-Butylbenzene	12.211	91	357070	49.613	ug/l	99
90) Hexachloroethane	12.478	117	69010	51.201	ug/l	95
91) 1,2-Dichlorobenzene	12.214	146	199346	51.673	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	40048	52.923	ug/l	93
93) 1,2,4-Trichlorobenzene	13.841	180	135304	50.724	ug/l	98
94) Hexachlorobutadiene	14.025	225	51593	44.808	ug/l	98
95) Naphthalene	14.089	128	513205	51.153	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	140939	53.195	ug/l	99

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ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

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

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

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

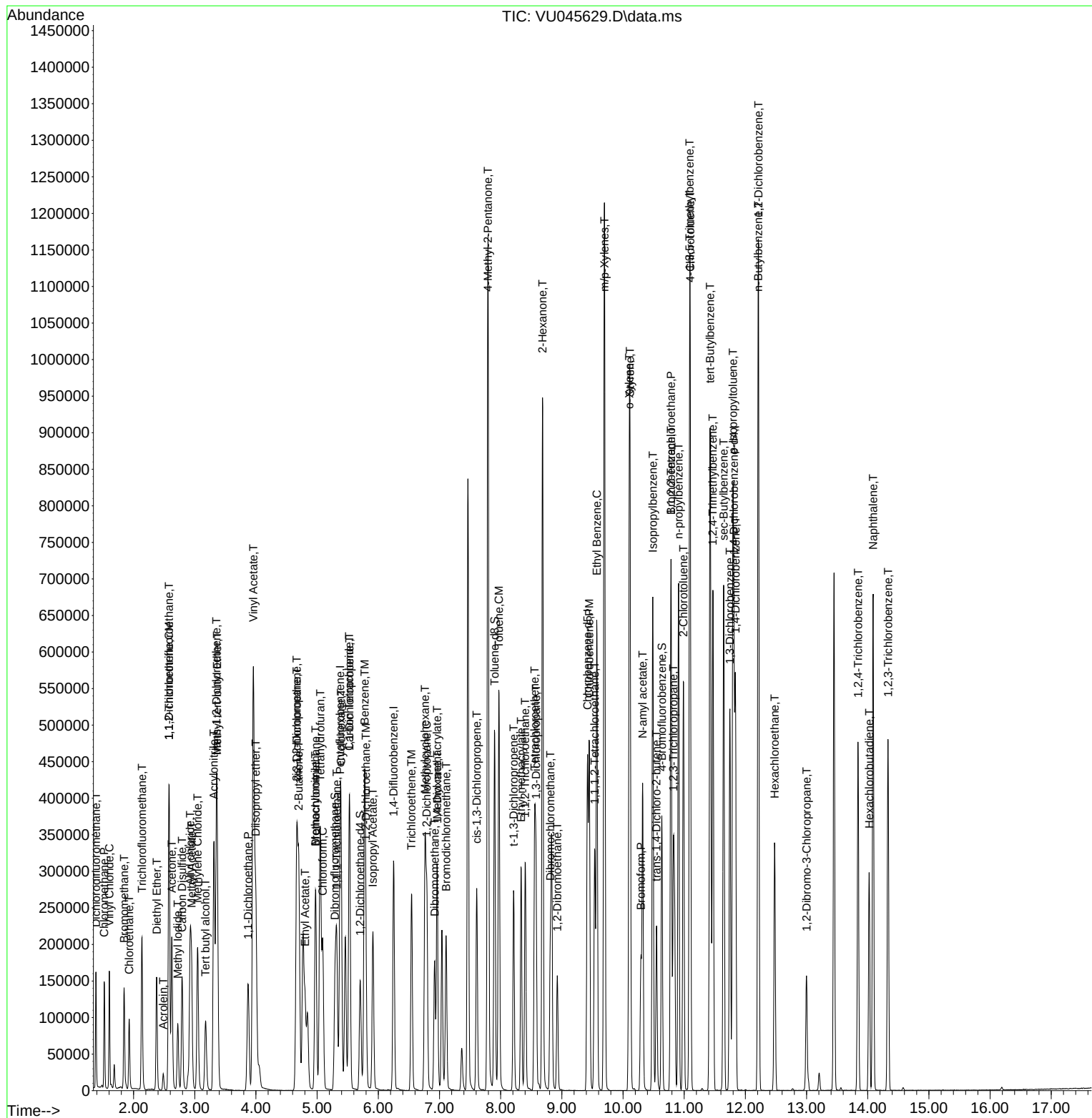
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 Data File : VU045629.D
 Acq On : 08 Nov 2021 20:32
 Operator : SY/MD
 Sample : VSTDC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

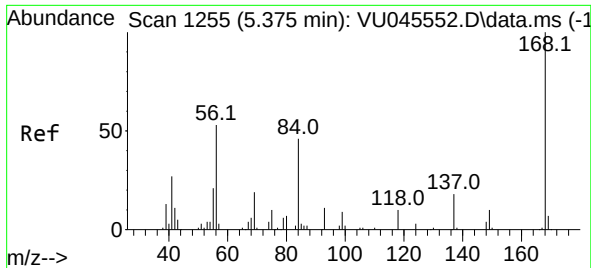
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 ClientSampleId :
 VSTDC050EC

Quant Time: Nov 09 10:04:41 2021
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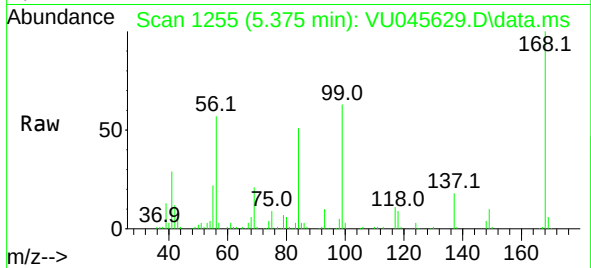
Reviewed By : John Carlone 11/09/2021
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

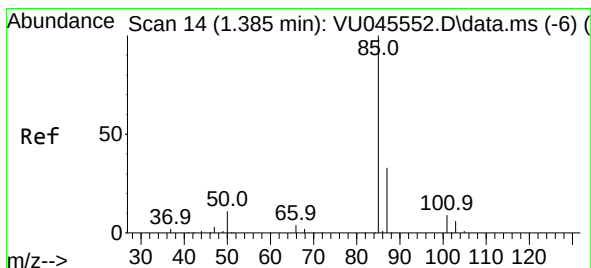
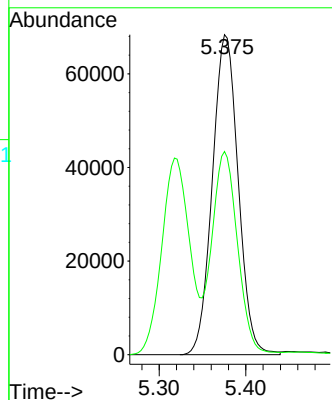
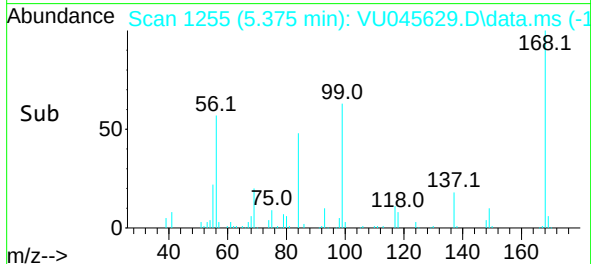
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 141789
Ion Ratio Lower Upper
168 100
99 62.8 51.0 76.6

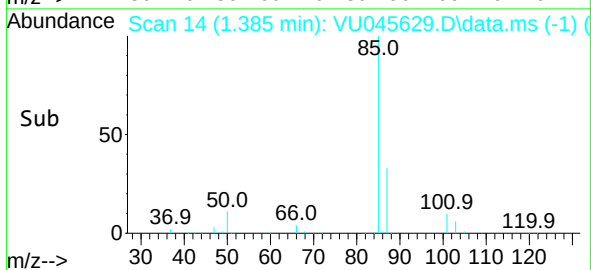
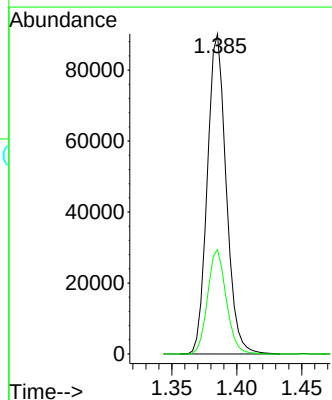
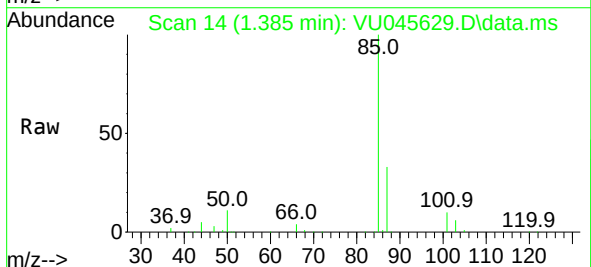
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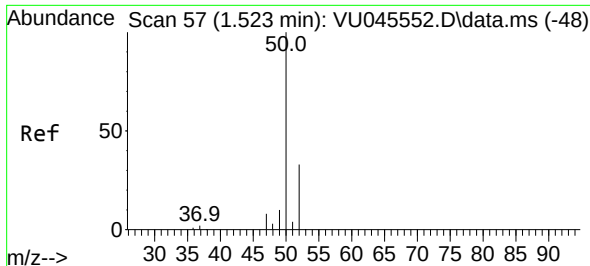
Reviewed By :John Carlone 11/09/2021
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#2
Dichlorodifluoromethane
Concen: 49.522 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

Tgt Ion: 85 Resp: 91040
Ion Ratio Lower Upper
85 100
87 32.6 15.9 47.7





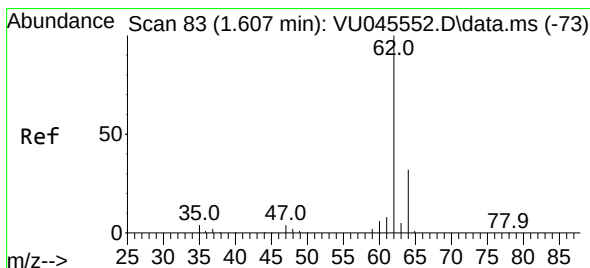
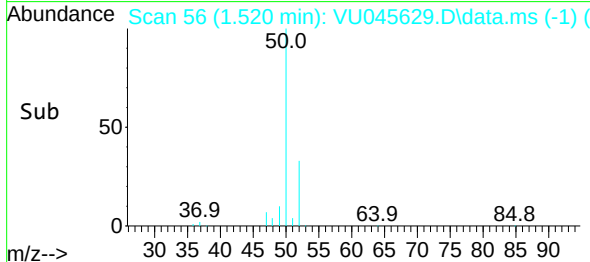
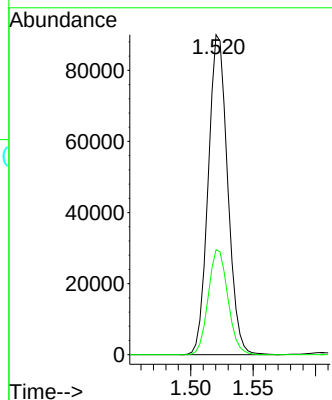
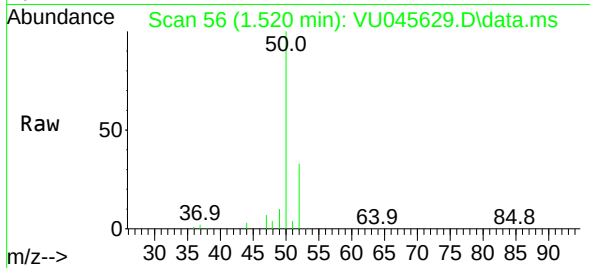
#3
Chloromethane
Concen: 46.361 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 9751
Ion Ratio Lower Upper
50 100
52 32.8 26.6 40.0

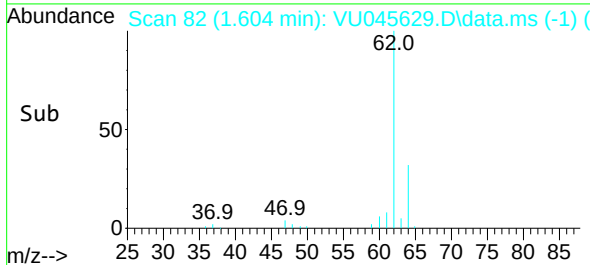
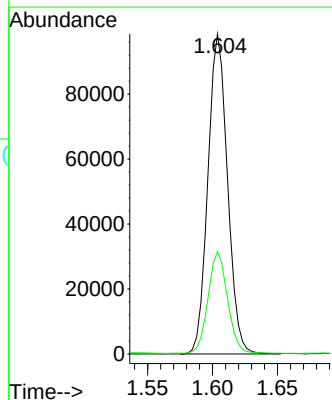
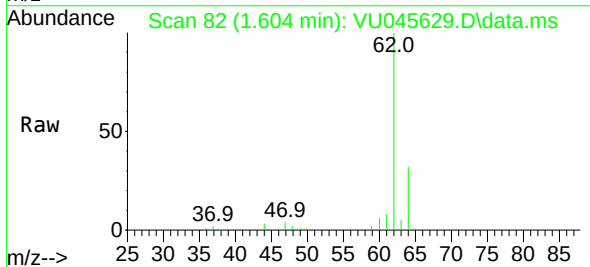
Manual Integrations
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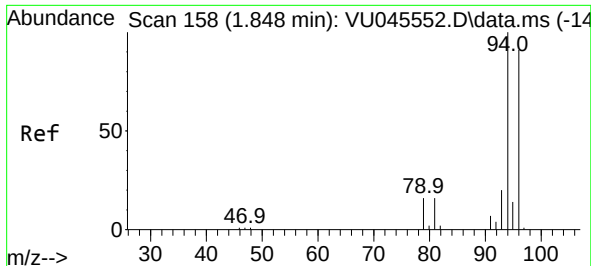
Reviewed By :John Carlone 11/09/2021
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#4
Vinyl Chloride
Concen: 50.470 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

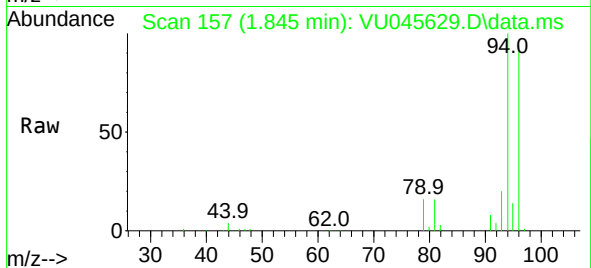
Tgt Ion: 62 Resp: 103413
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6





#5
Bromomethane
Concen: 57.731 ug/l
RT: 1.845 min Scan# 158
Delta R.T. -0.003 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

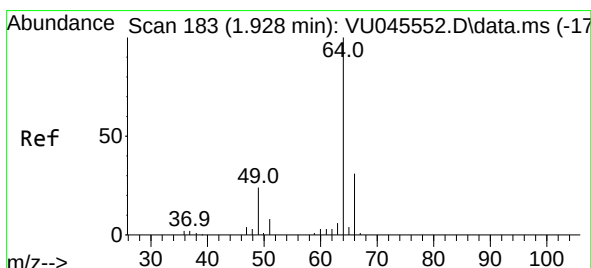
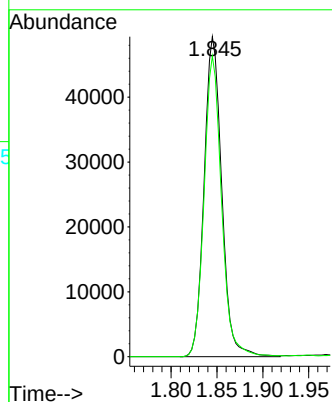
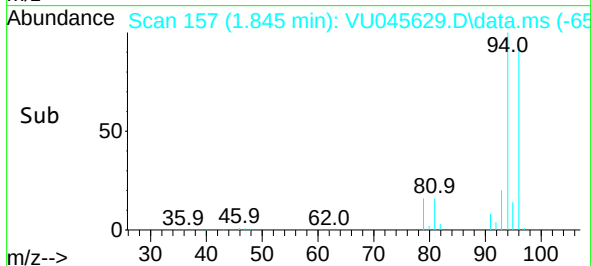
Instrument :
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Tgt Ion: 94 Resp: 65979
Ion Ratio Lower Upper
94 100
96 94.0 75.4 113.2

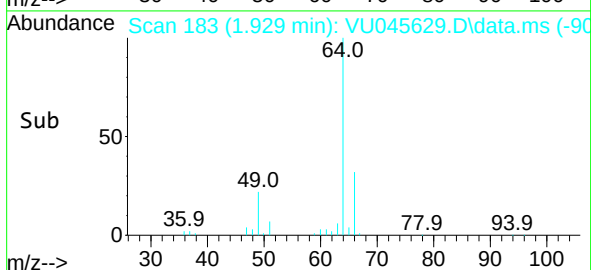
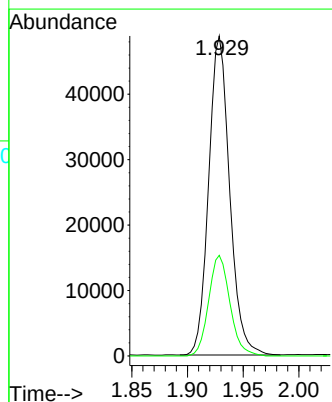
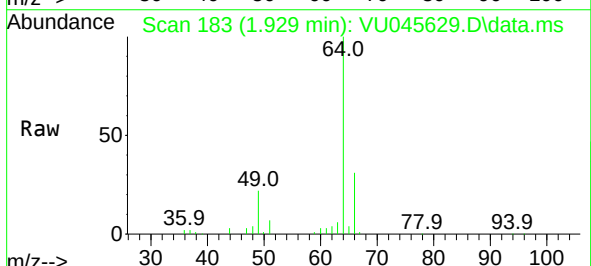
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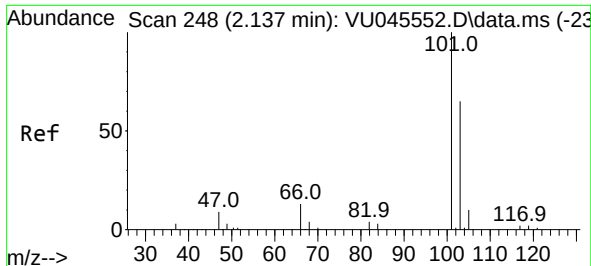
Reviewed By :John Carlone 11/09/2021
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#6
Chloroethane
Concen: 47.725 ug/l
RT: 1.929 min Scan# 183
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

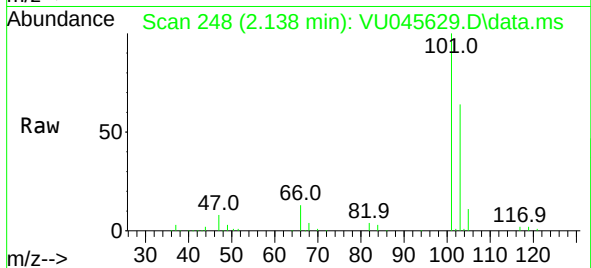
Tgt Ion: 64 Resp: 63817
Ion Ratio Lower Upper
64 100
66 31.5 26.7 40.1





#7
Trichlorofluoromethane
Concen: 50.487 ug/l
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

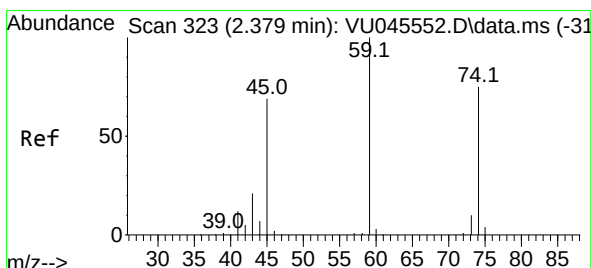
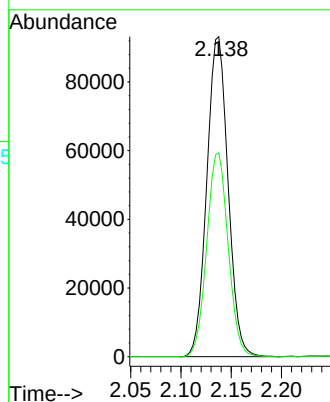
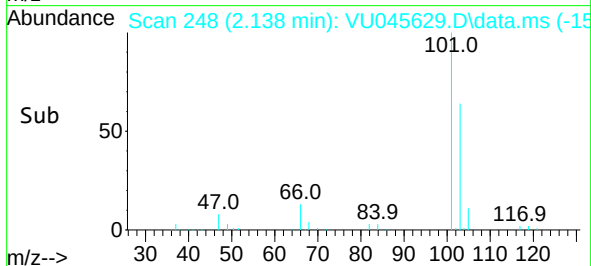
Instrument :
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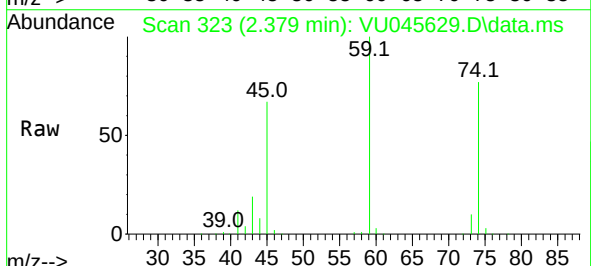
Tgt Ion:101 Resp: 136795
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.0

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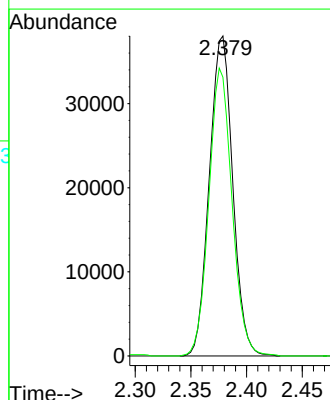
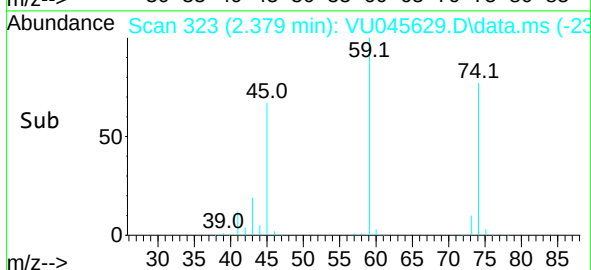
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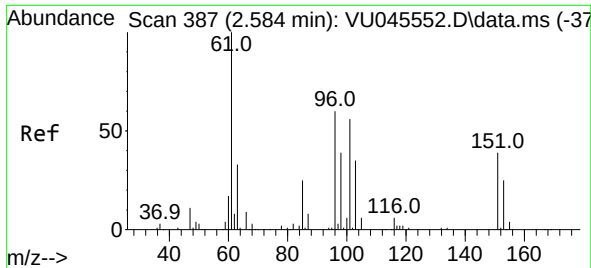


#8
Diethyl Ether
Concen: 51.855 ug/l
RT: 2.379 min Scan# 323
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32



Tgt Ion: 74 Resp: 55617
Ion Ratio Lower Upper
74 100
45 89.2 47.3 141.8





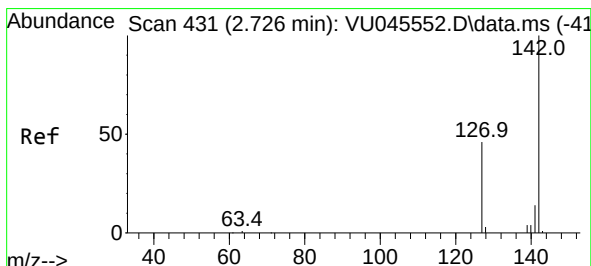
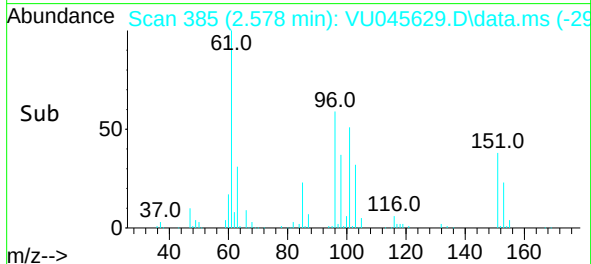
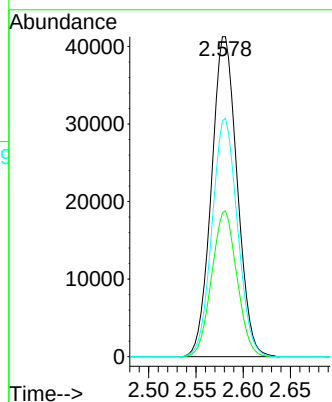
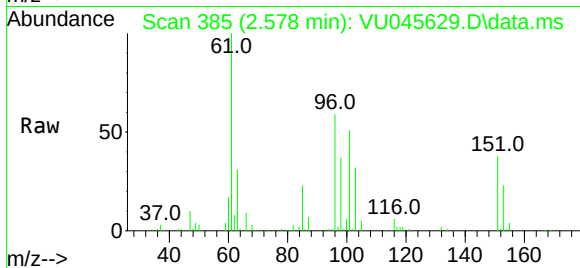
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.321 ug/l
RT: 2.578 min Scan# 387
Delta R.T. -0.006 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 7803
Ion Ratio Lower Upper
101 100
85 44.7 35.0 52.4
151 73.7 54.6 82.0

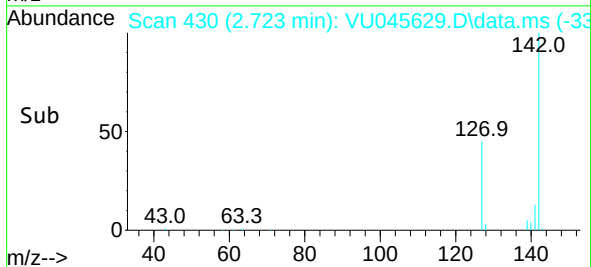
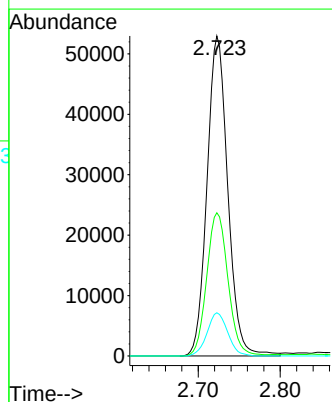
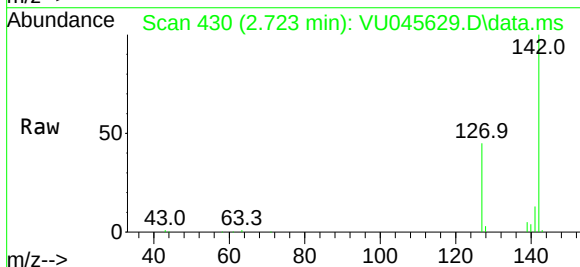
Manual Integrations
APPROVED

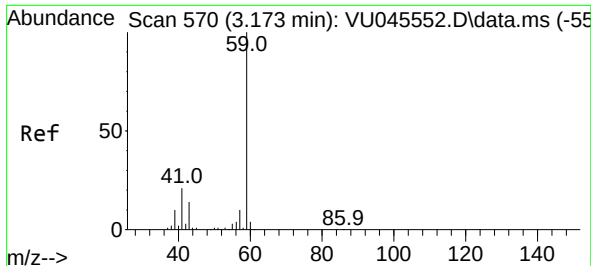
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#10
Methyl Iodide
Concen: 45.018 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

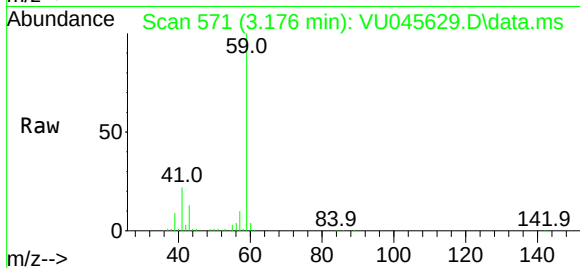
Tgt Ion:142 Resp: 93208
Ion Ratio Lower Upper
142 100
127 45.9 32.2 48.2
141 13.4 11.3 16.9





#11
Tert butyl alcohol
Concen: 272.501 ug/l
RT: 3.176 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

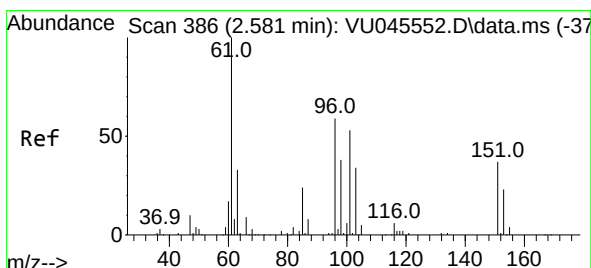
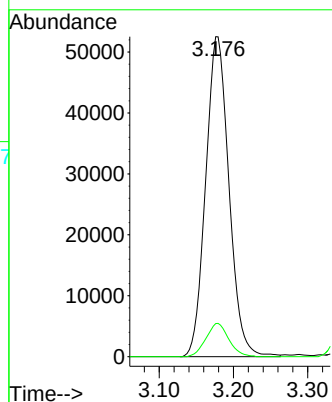
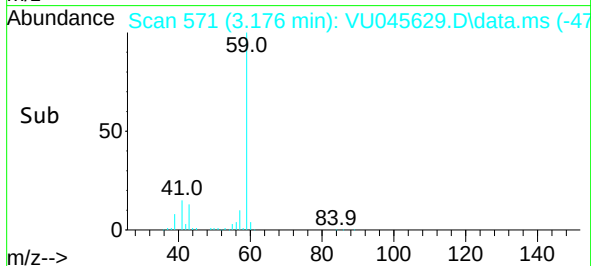
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 11453
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

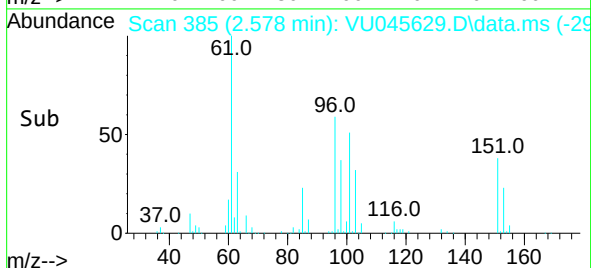
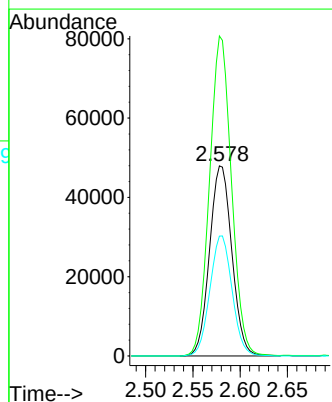
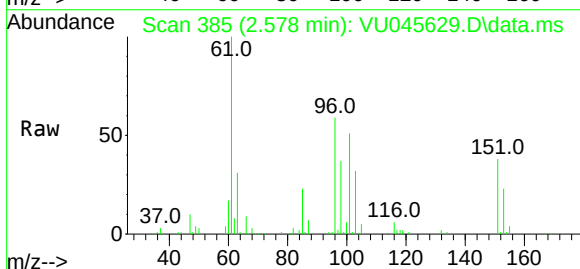
Manual Integrations
APPROVED

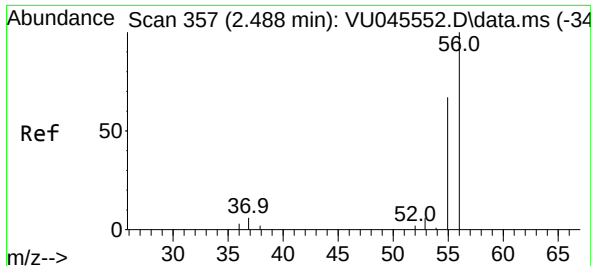
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#12
1,1-Dichloroethene
Concen: 50.510 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

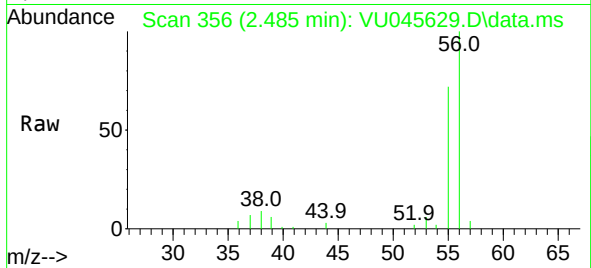
Tgt Ion: 96 Resp: 78791
Ion Ratio Lower Upper
96 100
61 168.3 137.1 205.7
98 63.0 51.5 77.3





#13
Acrolein
Concen: 278.819 ug/l
RT: 2.485 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

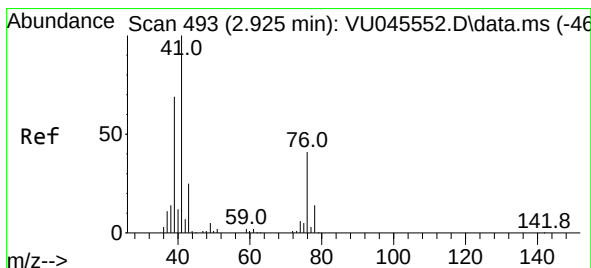
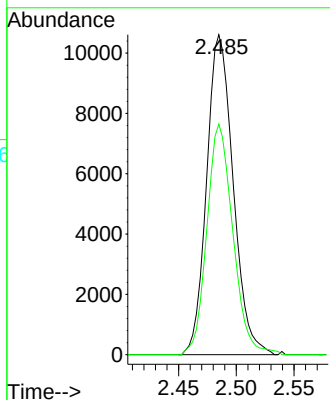
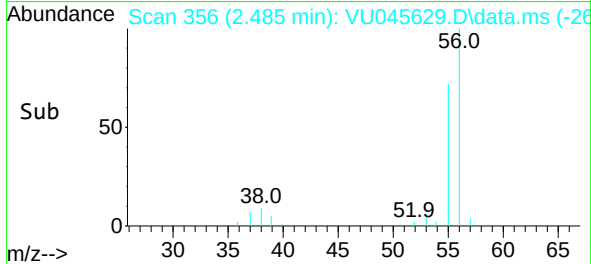
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 1698
Ion Ratio Lower Upper
56 100
55 70.7 56.3 84.5

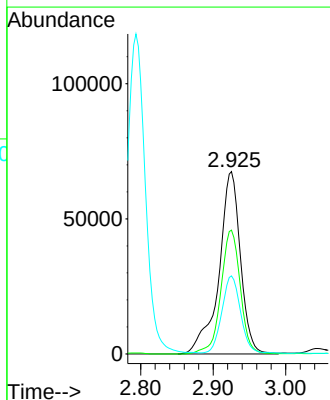
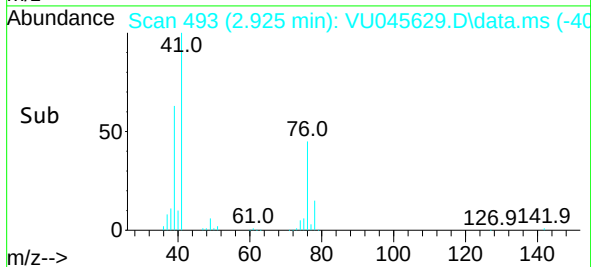
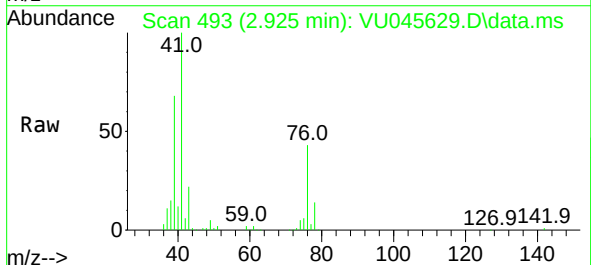
Manual Integrations
APPROVED

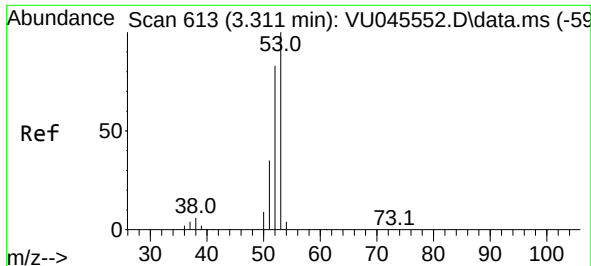
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#14
Allyl chloride
Concen: 50.039 ug/l
RT: 2.925 min Scan# 493
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

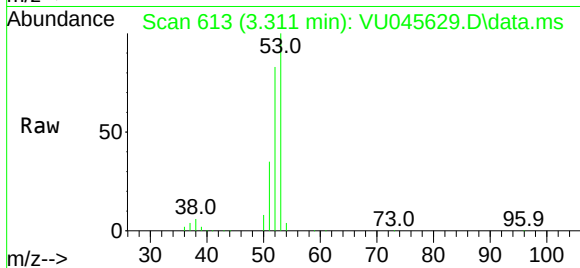
Tgt Ion: 41 Resp: 139376
Ion Ratio Lower Upper
41 100
39 61.1 49.7 74.5
76 37.0 27.7 41.5





#15
Acrylonitrile
Concen: 260.907 ug/l
RT: 3.311 min Scan# 613
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

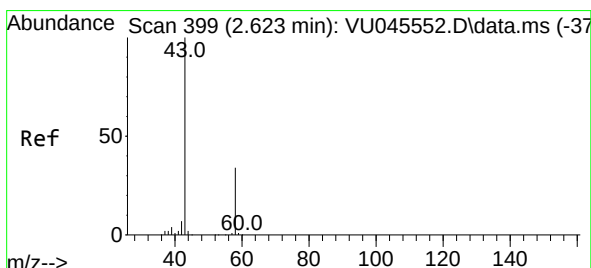
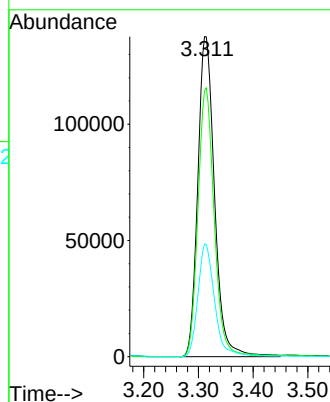
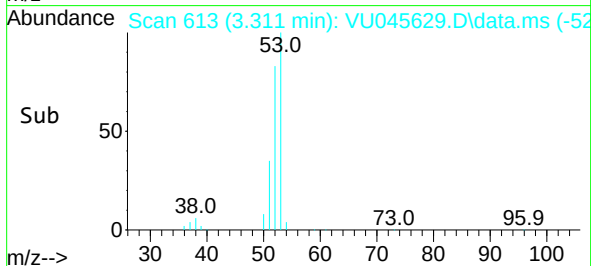
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 292778
Ion Ratio Lower Upper
53 100
52 81.3 66.6 100.0
51 35.2 28.4 42.6

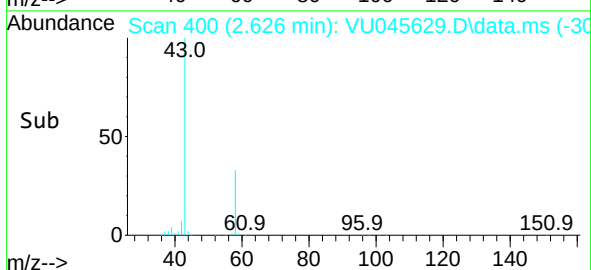
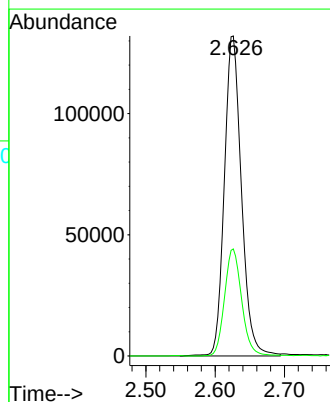
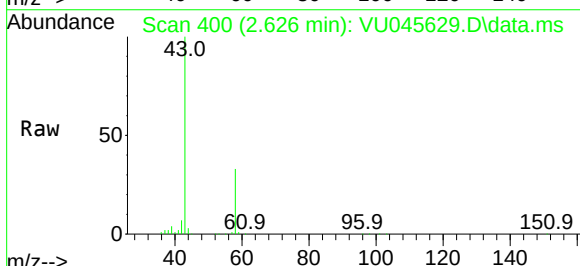
Manual Integrations
APPROVED

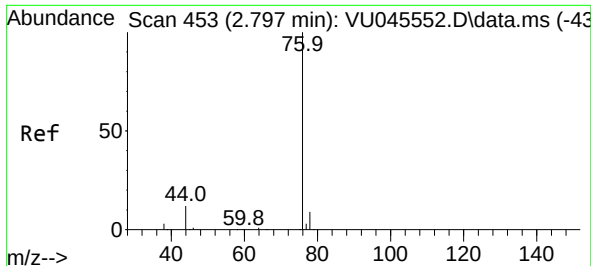
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#16
Acetone
Concen: 209.799 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

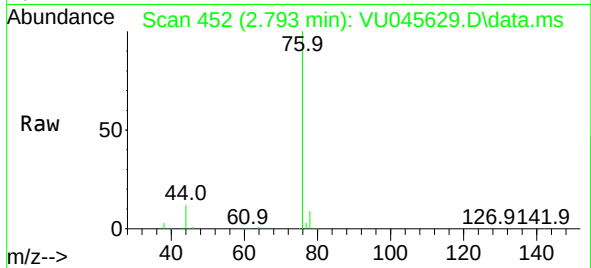
Tgt Ion: 43 Resp: 226780
Ion Ratio Lower Upper
43 100
58 33.4 26.2 39.2





#17
Carbon Disulfide
Concen: 47.820 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

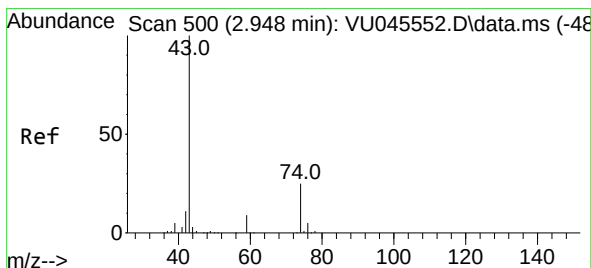
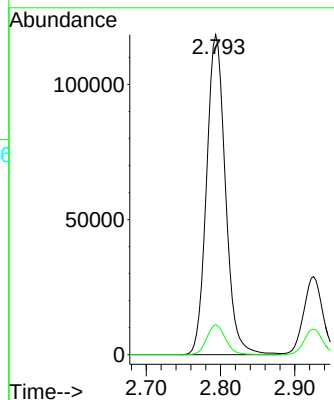
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 20894
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

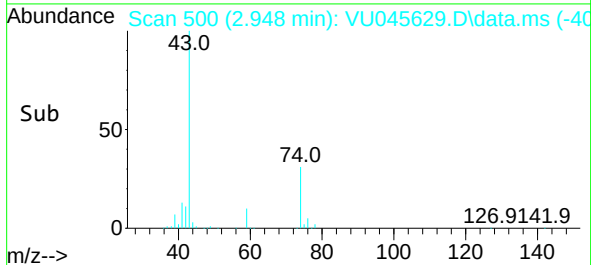
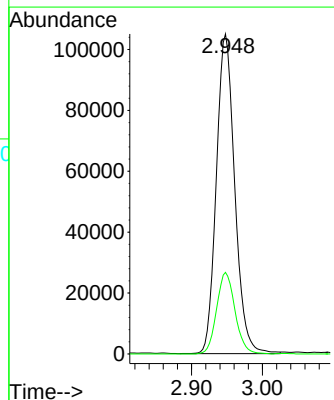
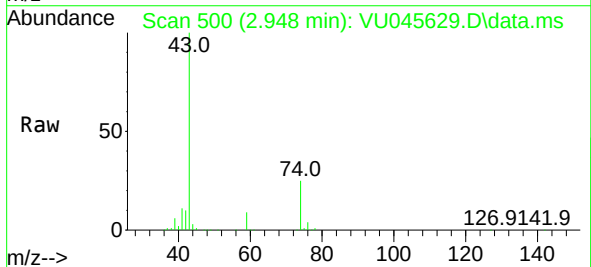
Manual Integrations
APPROVED

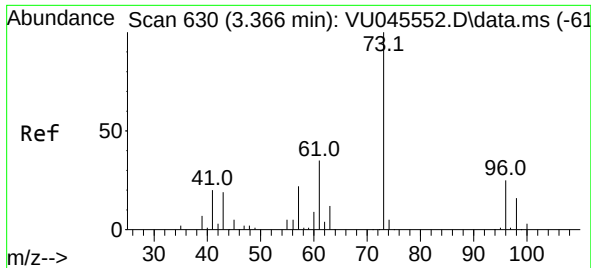
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#18
Methyl Acetate
Concen: 51.416 ug/l
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

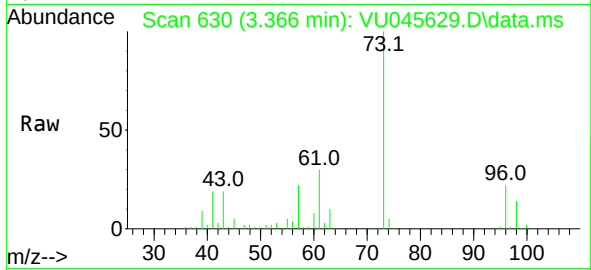
Tgt Ion: 43 Resp: 189299
Ion Ratio Lower Upper
43 100
74 25.6 20.2 30.2





#19
Methyl tert-butyl Ether
Concen: 53.262 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

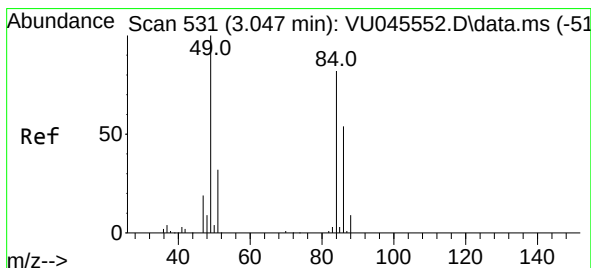
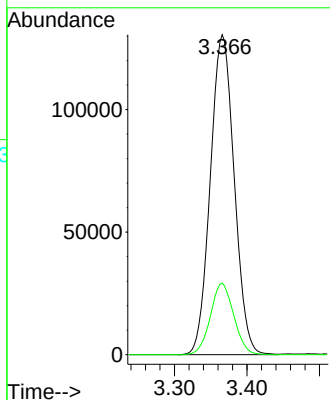
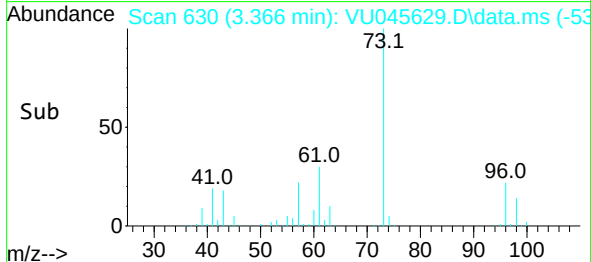
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 299072
Ion Ratio Lower Upper
73 100
57 22.4 18.1 27.1

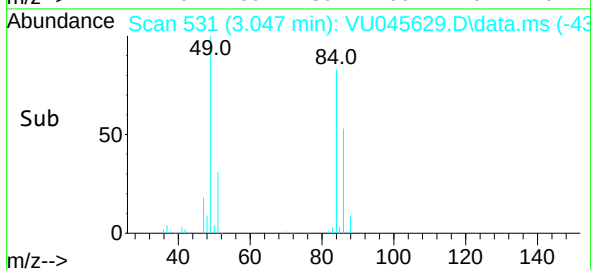
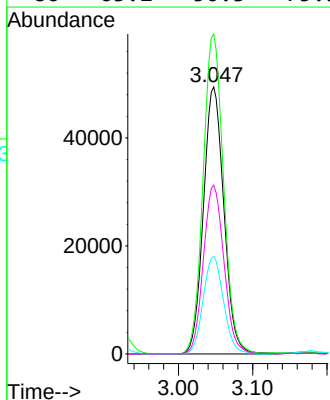
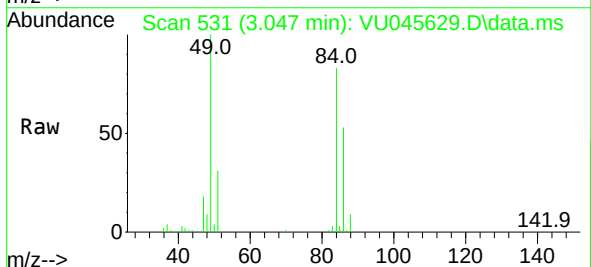
Manual Integrations
APPROVED

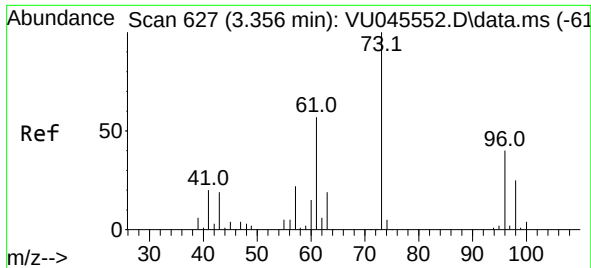
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#20
Methylene Chloride
Concen: 50.423 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

Tgt Ion: 84 Resp: 94706
Ion Ratio Lower Upper
84 100
49 119.8 96.4 144.6
51 36.5 30.5 45.7
86 63.2 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 53.356 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

Instrument :

MSVOA_U

ClientSampleId :

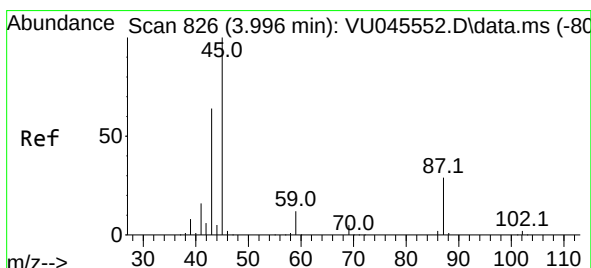
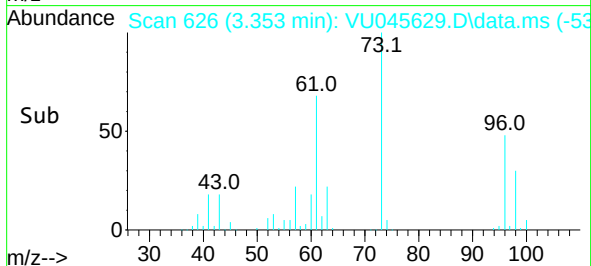
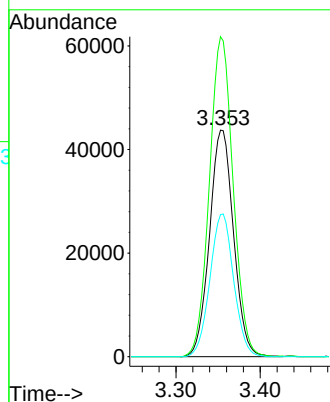
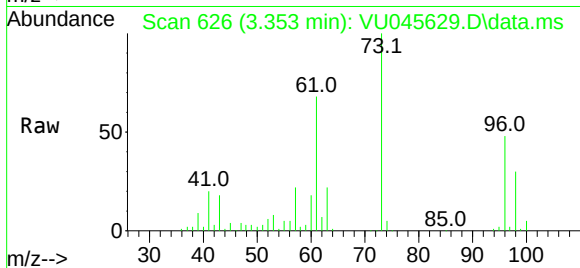
VSTDCCC050EC

Tgt Ion: 96 Resp: 86589
Ion Ratio Lower Upper
96 100
61 141.2 118.2 177.4
98 62.7 52.1 78.1

Manual Integrations

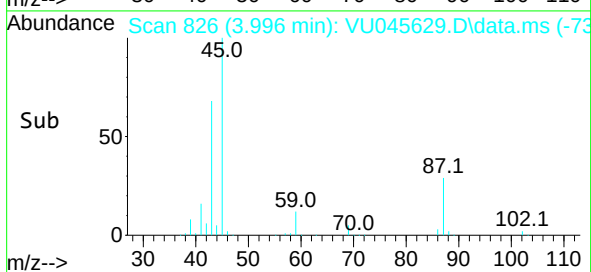
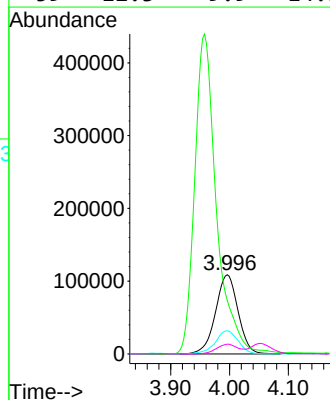
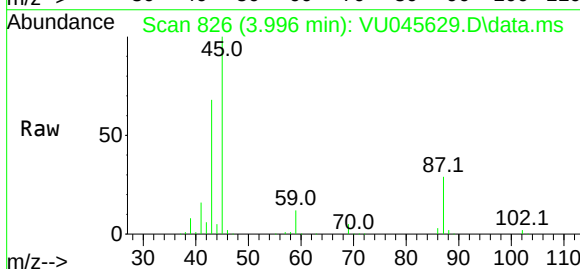
APPROVED

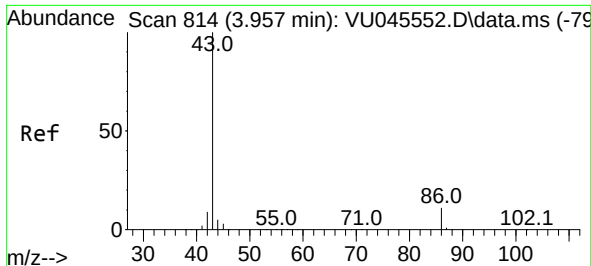
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#22
Diisopropyl ether
Concen: 52.990 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

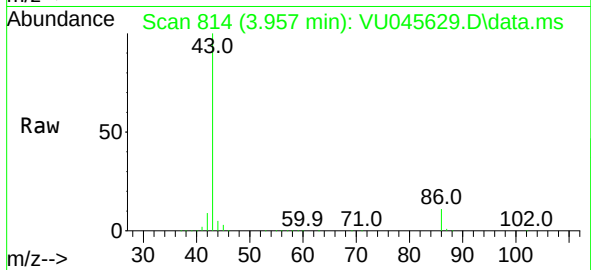
Tgt Ion: 45 Resp: 289806
Ion Ratio Lower Upper
45 100
43 65.7 60.0 90.0
87 29.2 22.3 33.5
59 12.3 9.9 14.9





#23
 Vinyl Acetate
 Concen: 269.990 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU045629.D
 Acq: 08 Nov 2021 20:32

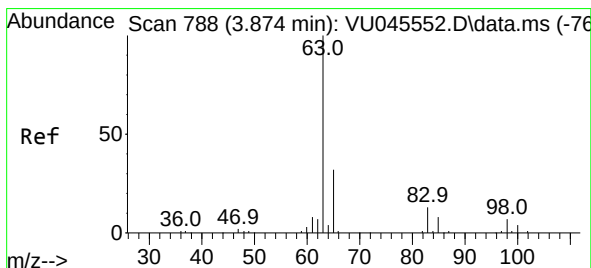
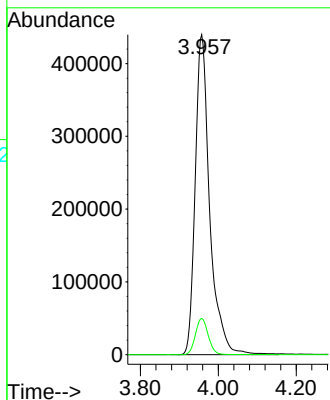
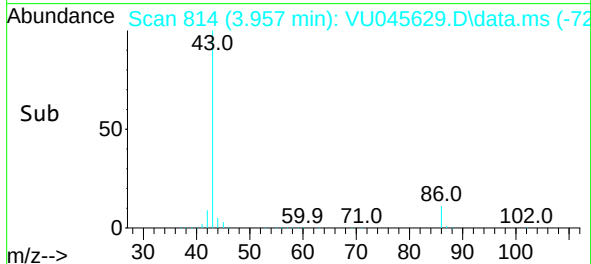
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



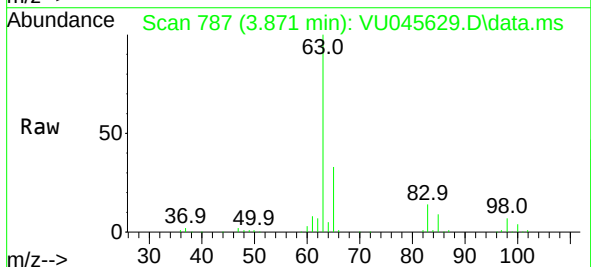
Tgt Ion: 43 Resp: 1135670
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.9 13.3

Manual Integrations
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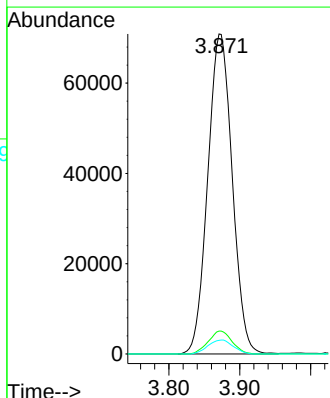
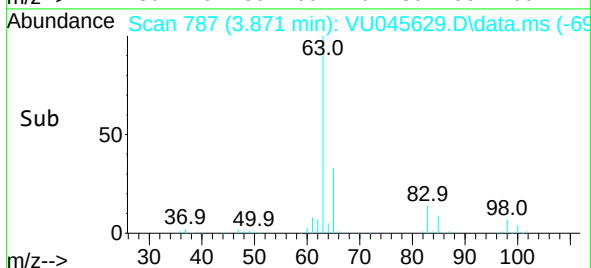
Reviewed By :John Carlone 11/09/2021
 Supervised By :Mahesh Dadoda 11/15/2021

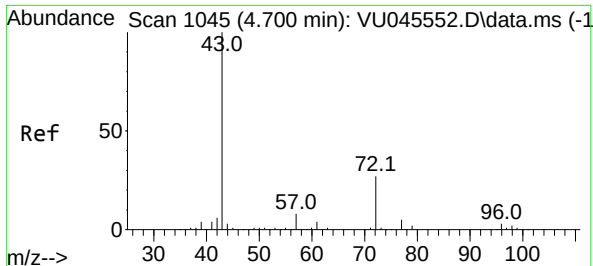


#24
 1,1-Dichloroethane
 Concen: 52.148 ug/l
 RT: 3.871 min Scan# 787
 Delta R.T. -0.003 min
 Lab File: VU045629.D
 Acq: 08 Nov 2021 20:32



Tgt Ion: 63 Resp: 169955
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 4.3 2.4 7.2





#25

2-Butanone

Concen: 252.505 ug/l

RT: 4.700 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VU045629.D

Acq: 08 Nov 2021 20:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 378562

Ion Ratio Lower Upper

43 100

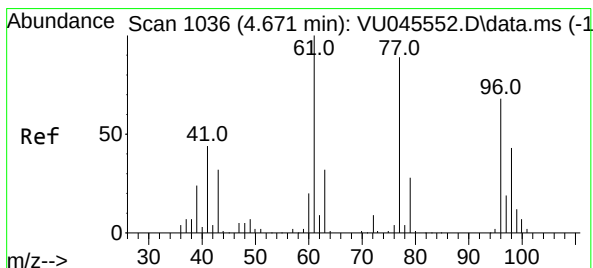
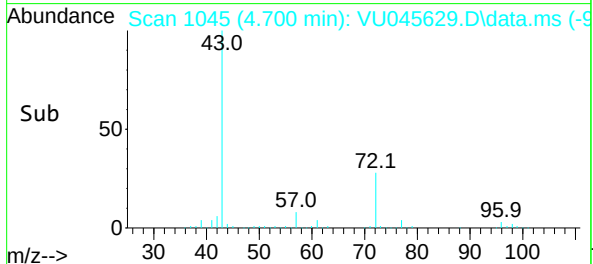
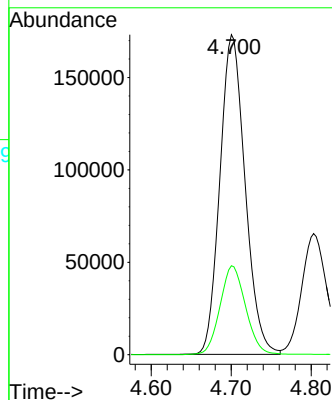
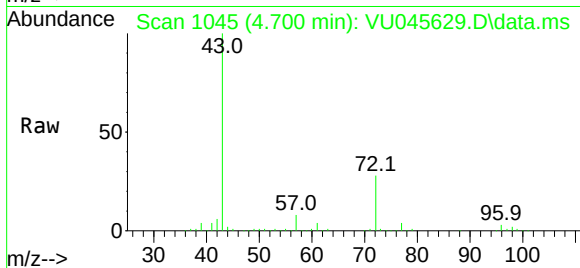
72 27.8 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#26

2,2-Dichloropropane

Concen: 45.818 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045629.D

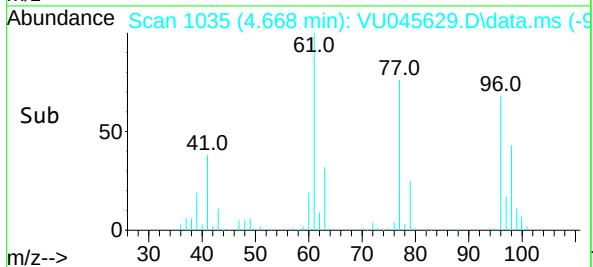
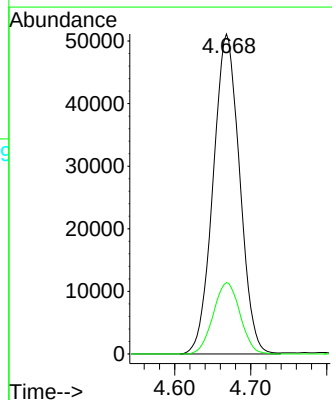
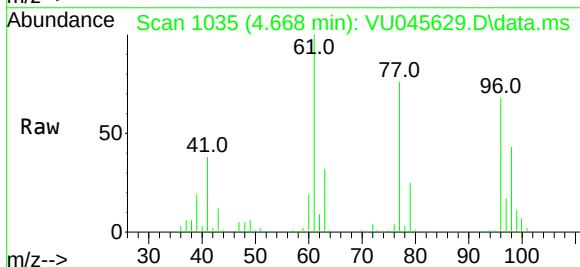
Acq: 08 Nov 2021 20:32

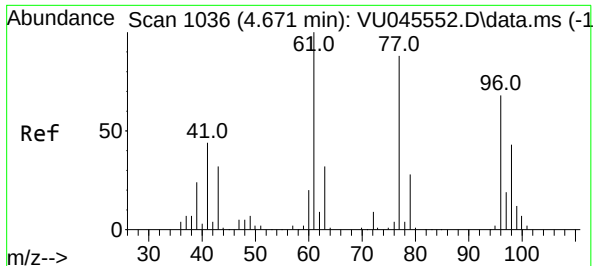
Tgt Ion: 77 Resp: 123737

Ion Ratio Lower Upper

77 100

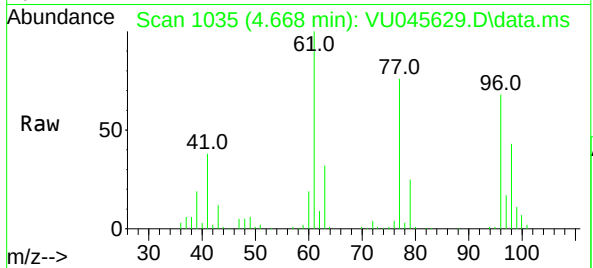
97 22.5 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 53.013 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU045629.D
 Acq: 08 Nov 2021 20:32

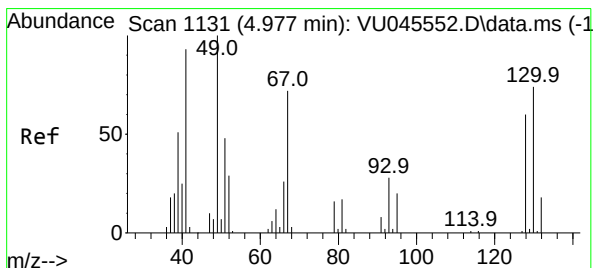
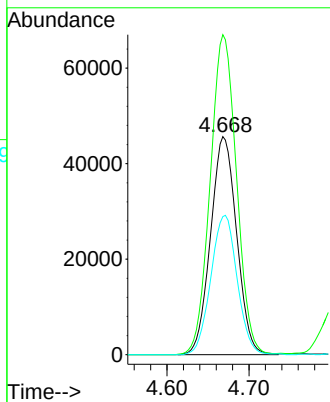
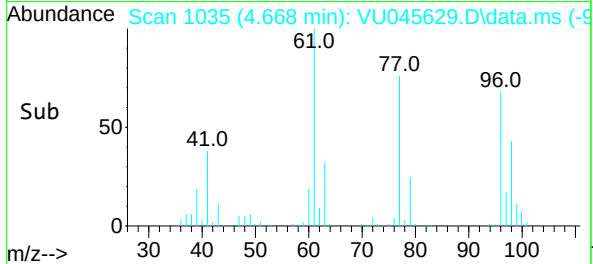
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 101049
 Ion Ratio Lower Upper
 96 100
 61 147.7 0.0 299.2
 98 64.4 0.0 127.6

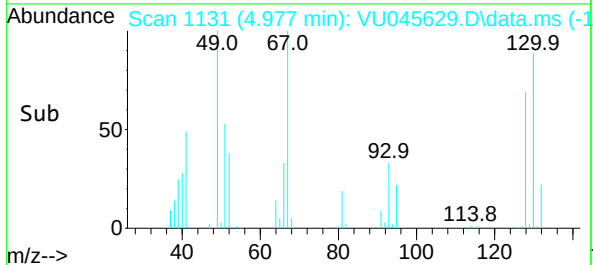
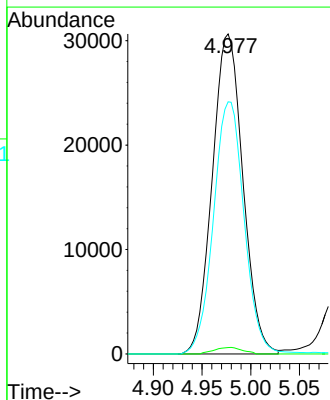
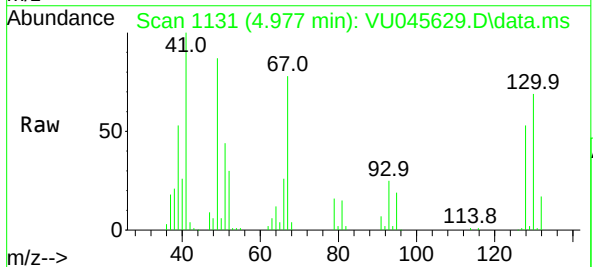
Manual Integrations
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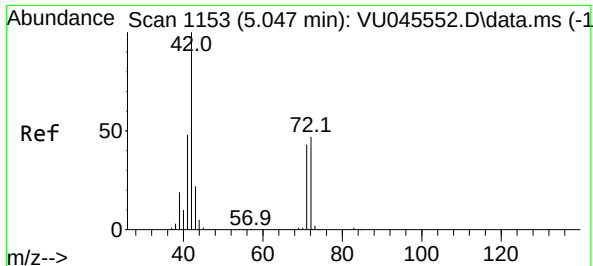
Reviewed By :John Carlone 11/09/2021
 Supervised By :Mahesh Dadoda 11/15/2021



#28
 Bromochloromethane
 Concen: 43.177 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU045629.D
 Acq: 08 Nov 2021 20:32

Tgt Ion: 49 Resp: 67086
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 78.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 264.180 ug/l

RT: 5.051 min Scan# 1154

Delta R.T. 0.003 min

Lab File: VU045629.D

Acq: 08 Nov 2021 20:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 242260

Ion Ratio Lower Upper

42 100

72 48.8 38.2 57.4

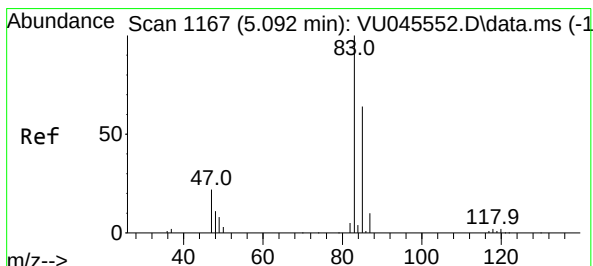
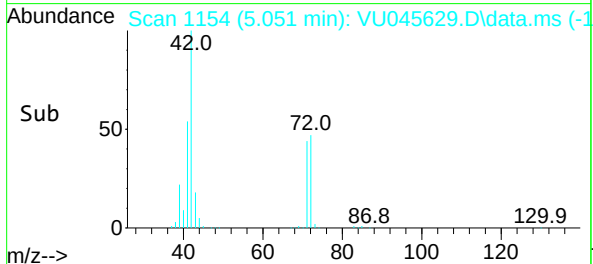
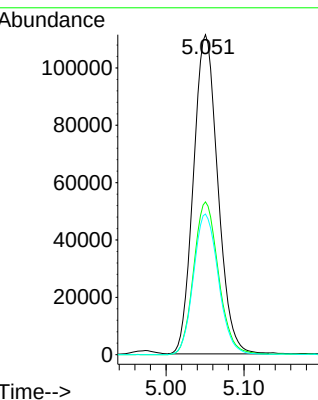
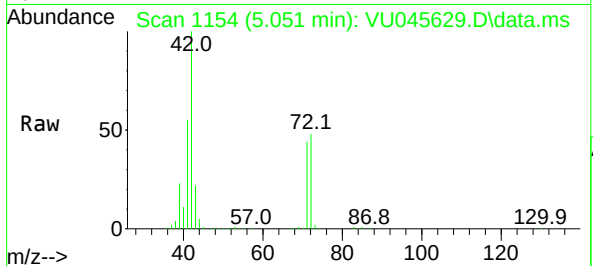
71 45.1 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#30

Chloroform

Concen: 51.811 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045629.D

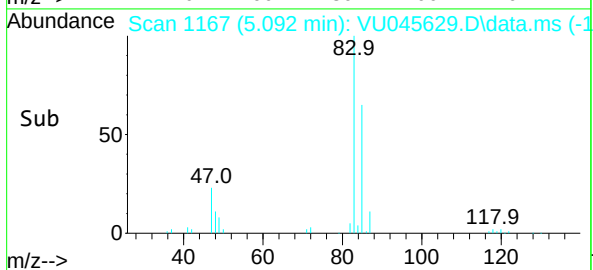
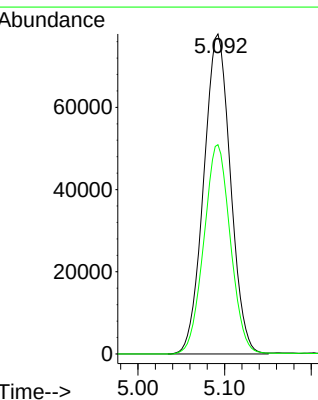
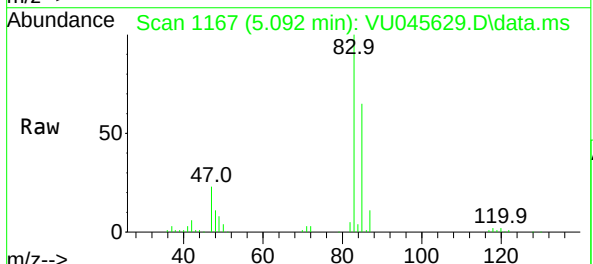
Acq: 08 Nov 2021 20:32

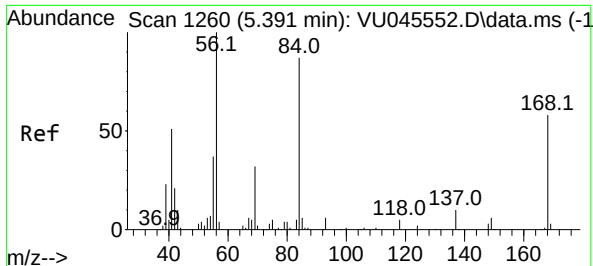
Tgt Ion: 83 Resp: 166999

Ion Ratio Lower Upper

83 100

85 65.4 52.0 78.0





#31

Cyclohexane

Concen: 47.775 ug/l

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU045629.D

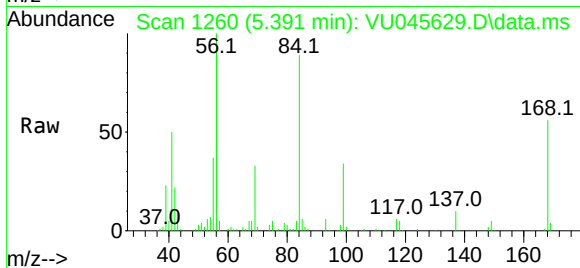
Acq: 08 Nov 2021 20:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 14802

Ion Ratio Lower Upper

56 100

69 33.0 26.4 39.6

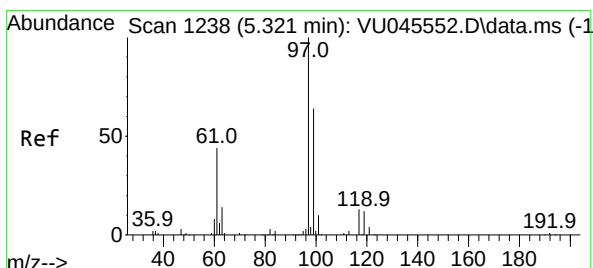
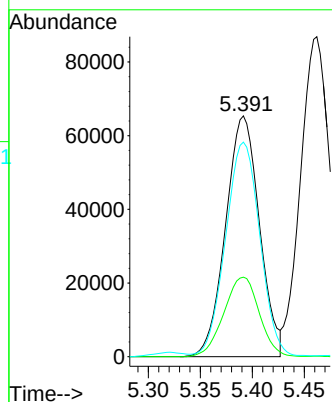
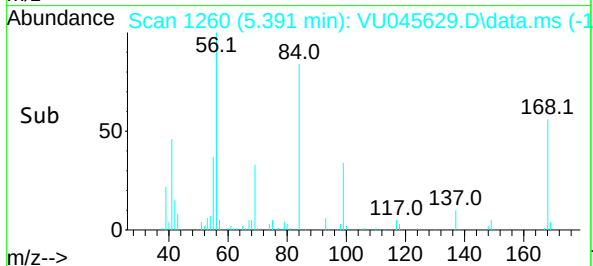
84 87.7 68.4 102.6

Manual Integrations

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Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#32

1,1,1-Trichloroethane

Concen: 52.606 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU045629.D

Acq: 08 Nov 2021 20:32

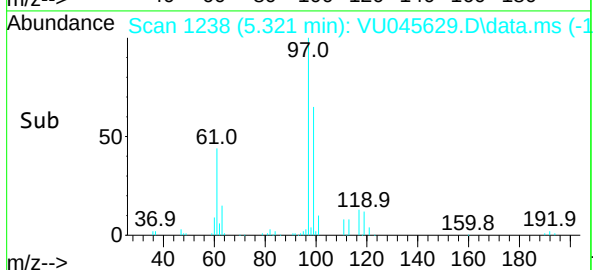
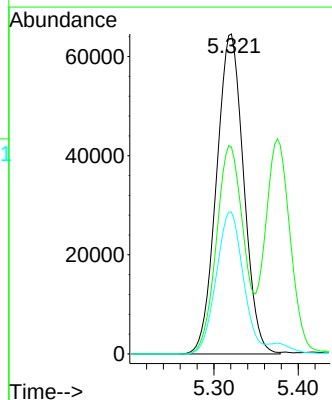
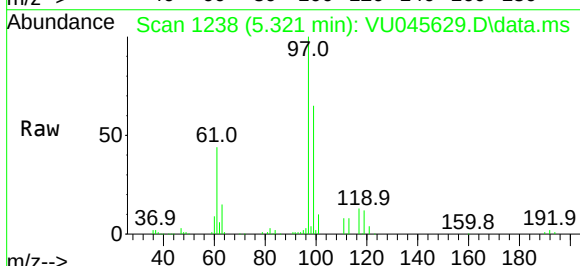
Tgt Ion: 97 Resp: 144597

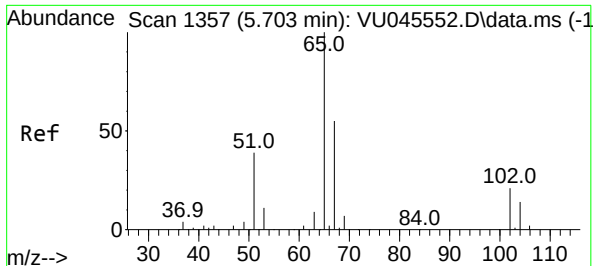
Ion Ratio Lower Upper

97 100

99 66.0 50.8 76.2

61 44.4 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 50.866 ug/l

RT: 5.703 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045629.D

Acq: 08 Nov 2021 20:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 10801

Ion Ratio Lower Upper

65 100

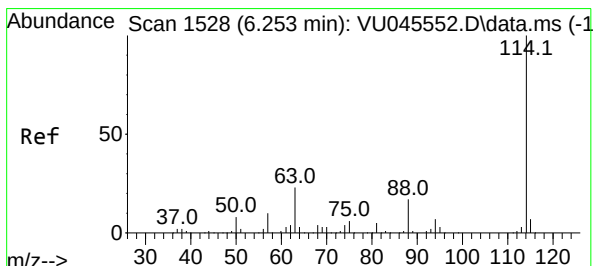
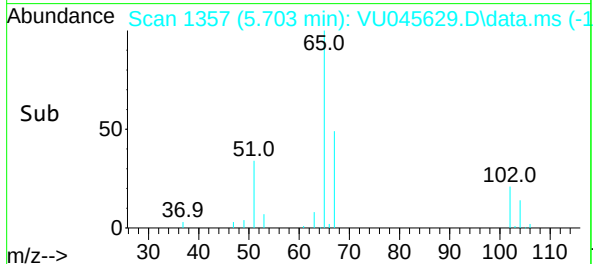
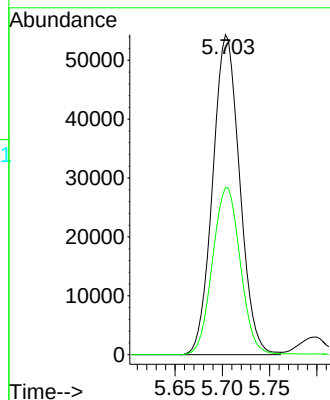
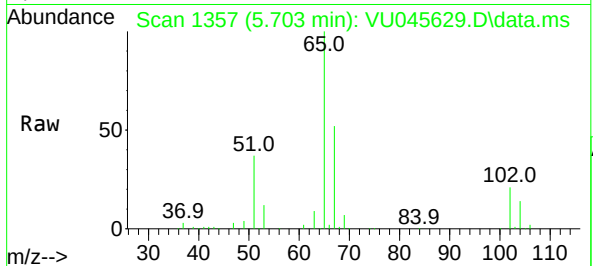
67 53.7 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU045629.D

Acq: 08 Nov 2021 20:32

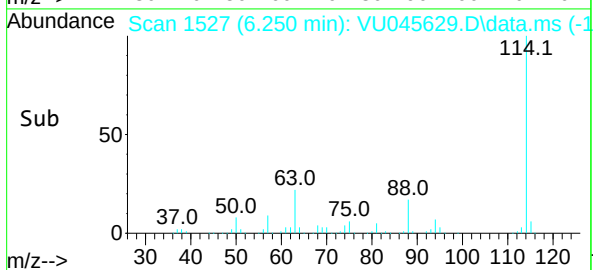
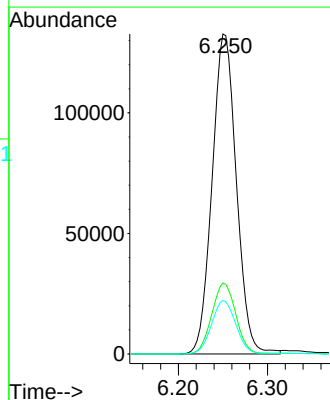
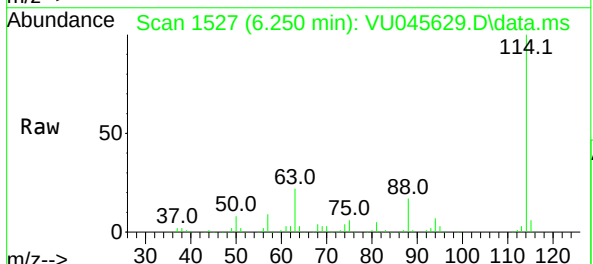
Tgt Ion:114 Resp: 251053

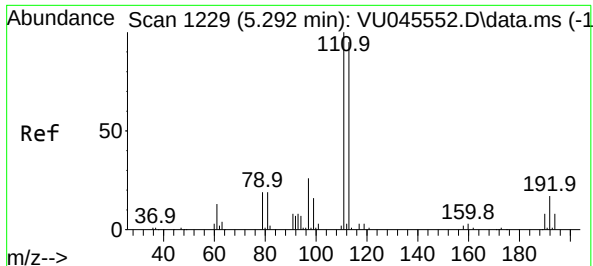
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.6

88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.885 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045629.D

Acq: 08 Nov 2021 20:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 85290

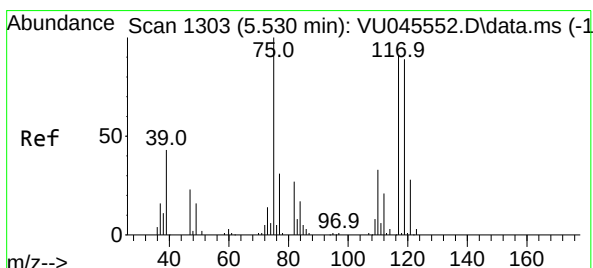
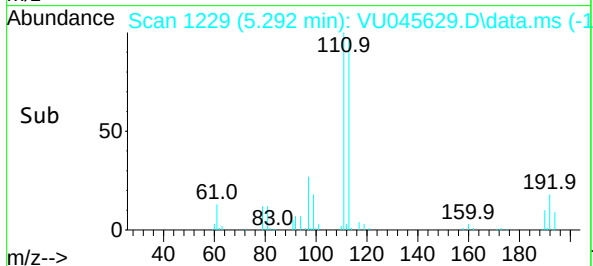
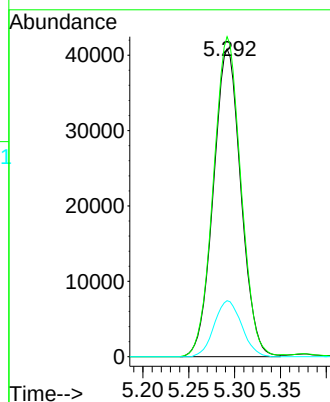
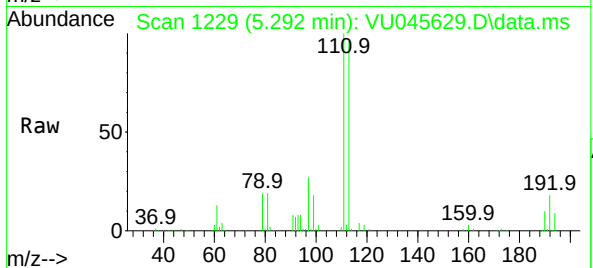
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.8	124.2
192	18.1	14.8	22.2

Manual Integrations

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Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#36

1,1-Dichloropropene

Concen: 50.159 ug/l

RT: 5.530 min Scan# 1303

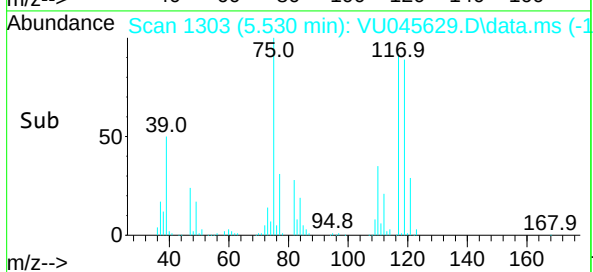
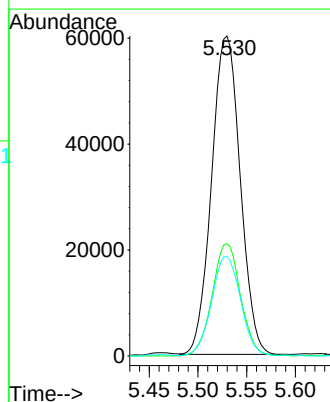
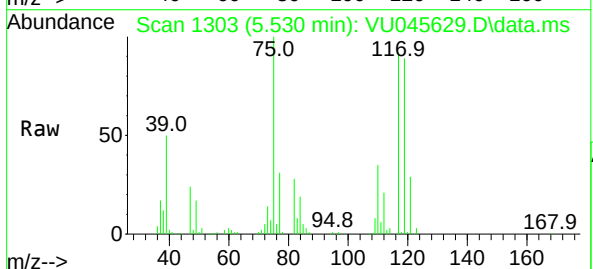
Delta R.T. 0.000 min

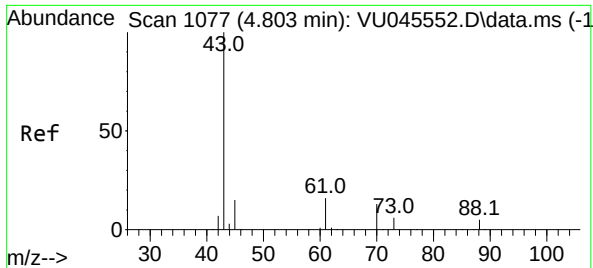
Lab File: VU045629.D

Acq: 08 Nov 2021 20:32

Tgt Ion: 75 Resp: 122787

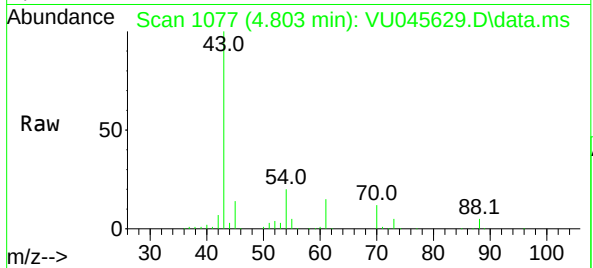
Ion	Ratio	Lower	Upper
75	100		
110	35.0	16.7	50.0
77	31.4	25.0	37.4





#37
Ethyl Acetate
Concen: 51.255 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

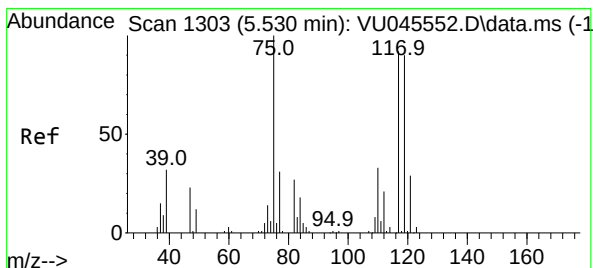
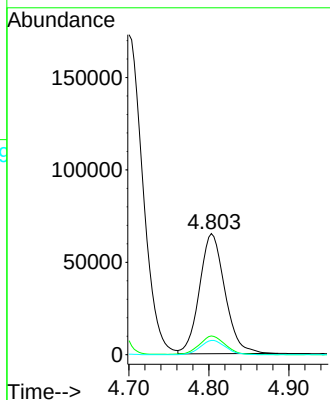
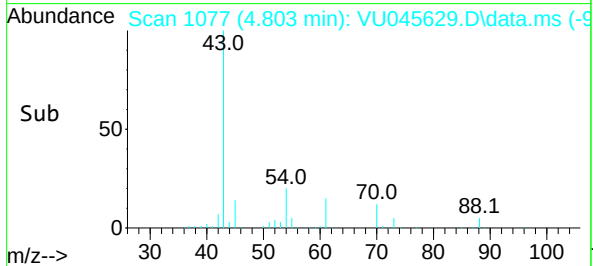
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 144130
Ion Ratio Lower Upper
43 100
61 15.5 11.6 17.4
70 11.7 9.1 13.7

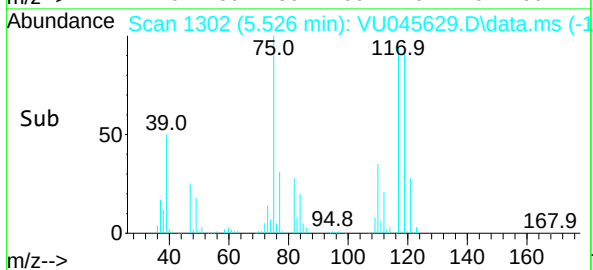
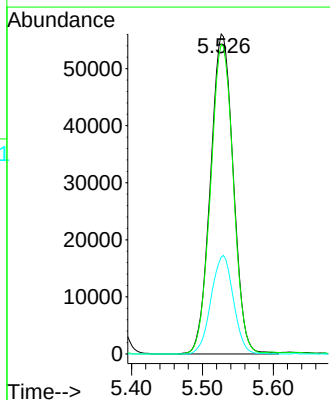
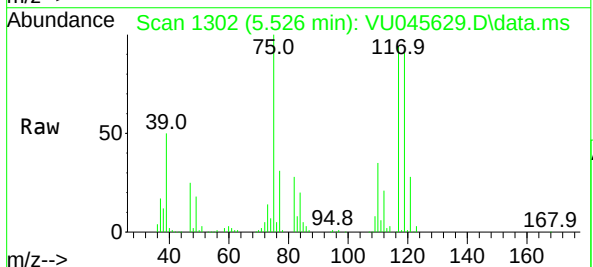
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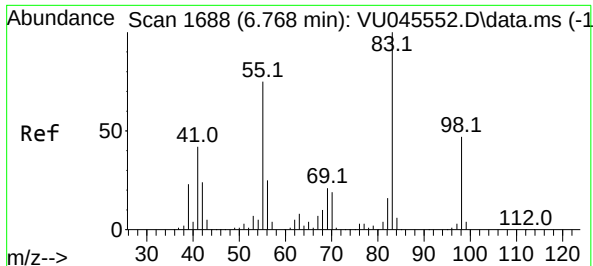
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#38
Carbon Tetrachloride
Concen: 50.739 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

Tgt Ion:117 Resp: 125222
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0
121 30.3 24.8 37.2





#39

Methylcyclohexane

Concen: 48.455 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045629.D

Acq: 08 Nov 2021 20:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 145519

Ion Ratio Lower Upper

83 100

55 75.3 63.6 95.4

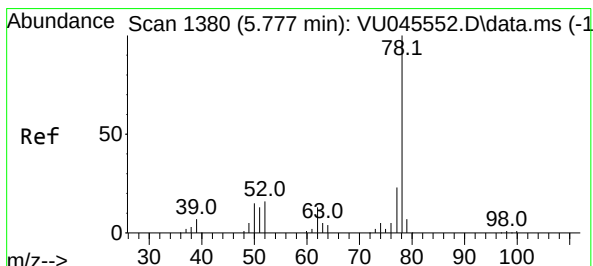
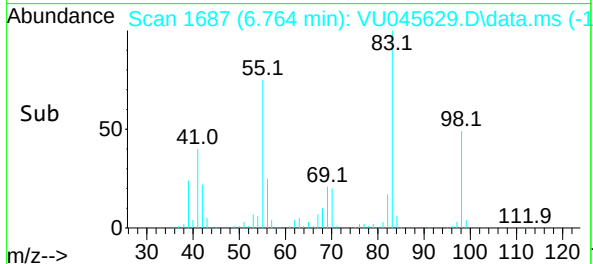
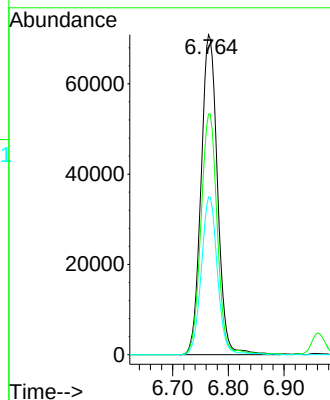
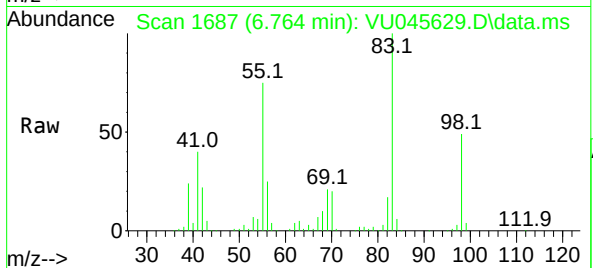
98 49.3 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#40

Benzene

Concen: 50.136 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU045629.D

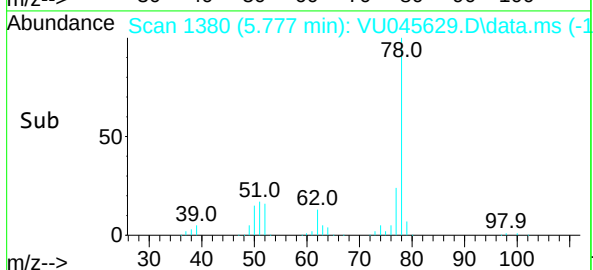
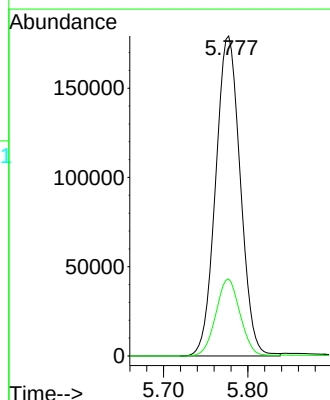
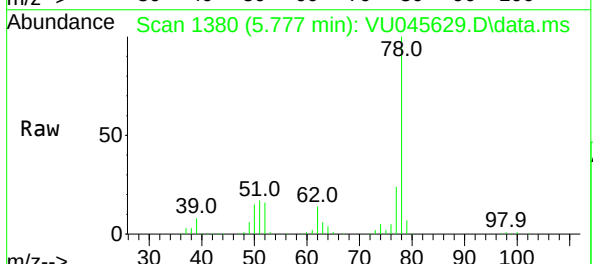
Acq: 08 Nov 2021 20:32

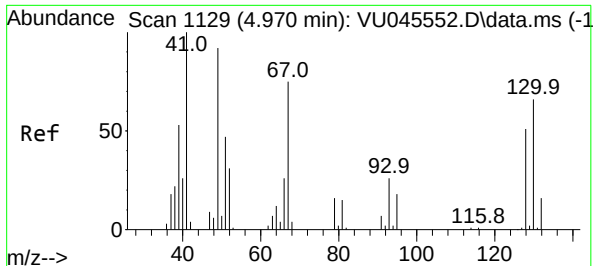
Tgt Ion: 78 Resp: 363360

Ion Ratio Lower Upper

78 100

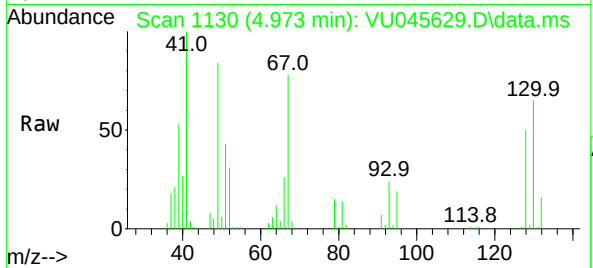
77 24.0 19.0 28.4





#41
Methacrylonitrile
Concen: 53.306 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

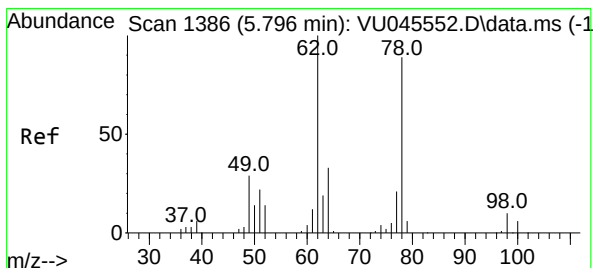
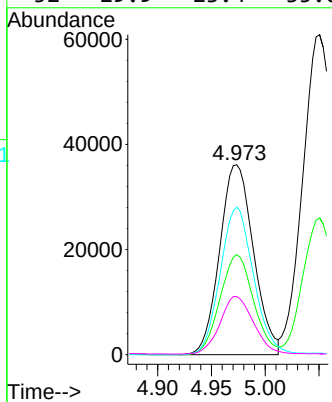
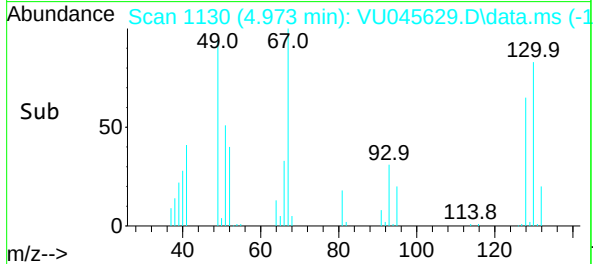
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 79215
Ion Ratio Lower Upper
41 100
39 52.1 43.4 65.0
67 77.3 61.0 91.4
52 29.9 23.4 35.0

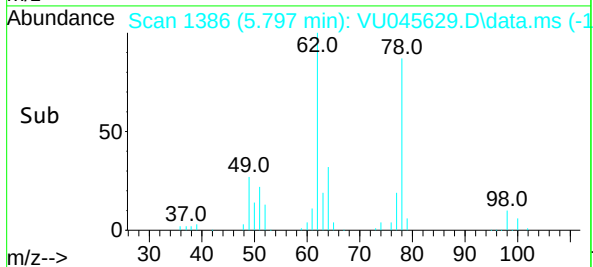
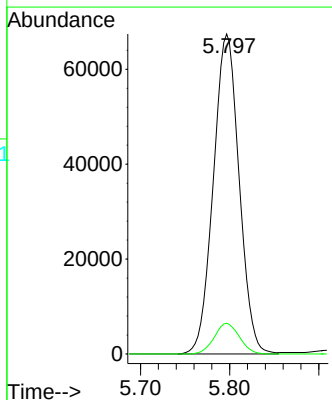
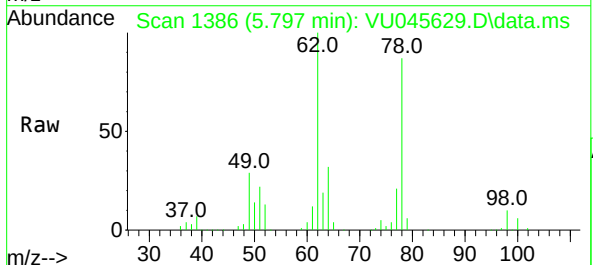
Manual Integrations
APPROVED

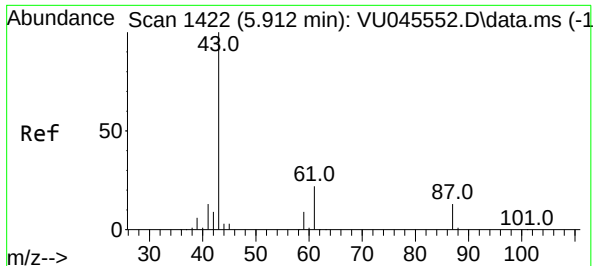
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#42
1,2-Dichloroethane
Concen: 51.849 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

Tgt Ion: 62 Resp: 135734
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.4





#43

Isopropyl Acetate

Concen: 52.630 ug/l

RT: 5.912 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VU045629.D

Acq: 08 Nov 2021 20:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 226364

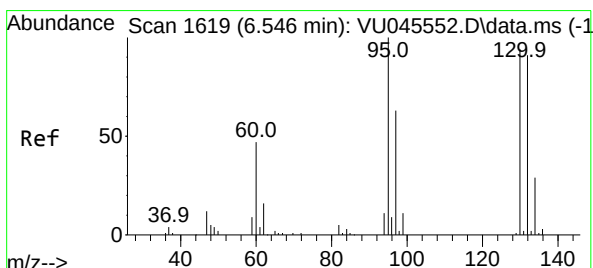
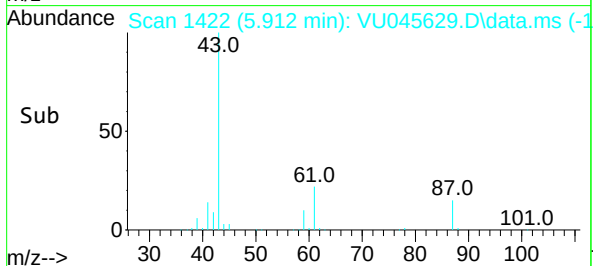
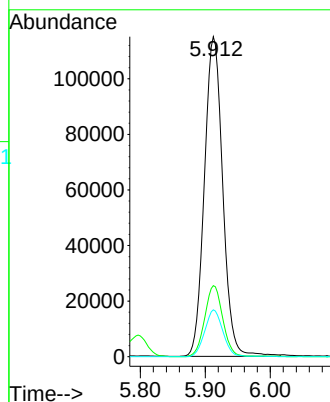
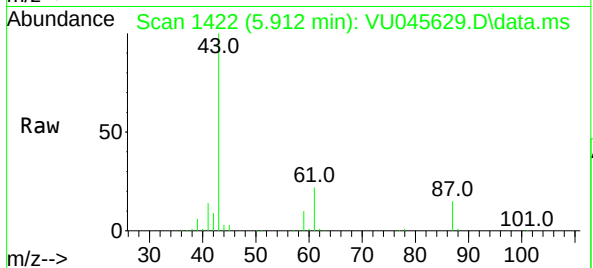
Ion	Ratio	Lower	Upper
43	100		
61	21.9	16.9	25.3
87	14.4	11.0	16.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#44

Trichloroethene

Concen: 52.134 ug/l

RT: 6.542 min Scan# 1618

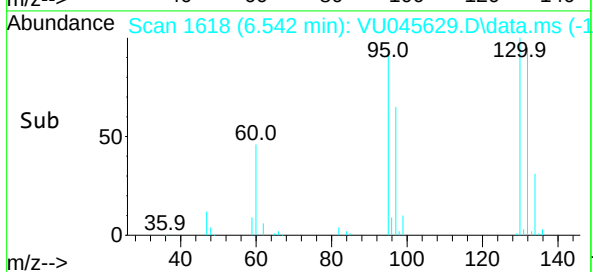
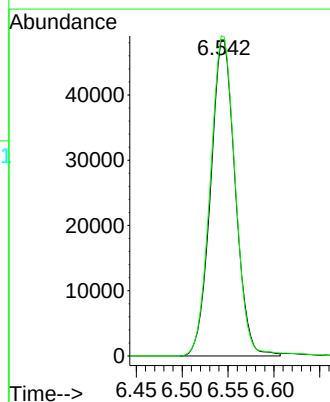
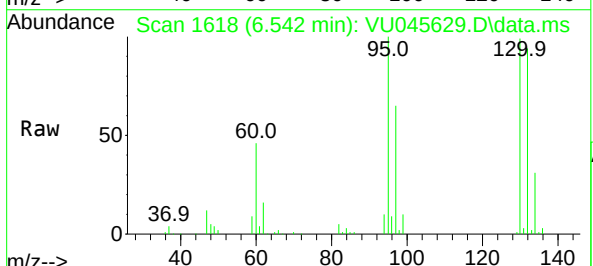
Delta R.T. -0.003 min

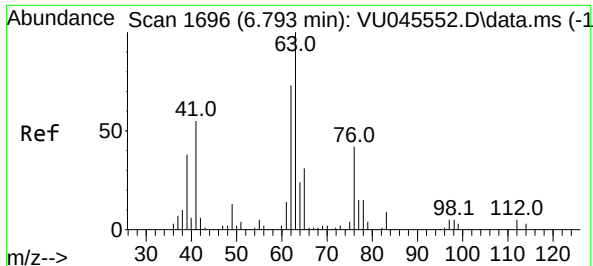
Lab File: VU045629.D

Acq: 08 Nov 2021 20:32

Tgt Ion:130 Resp: 90444

Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	211.4





#45

1,2-Dichloropropane

Concen: 51.531 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. 0.000 min

Lab File: VU045629.D

Acq: 08 Nov 2021 20:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 98820

Ion Ratio Lower Upper

63 100

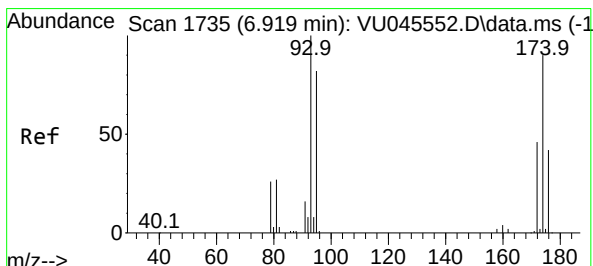
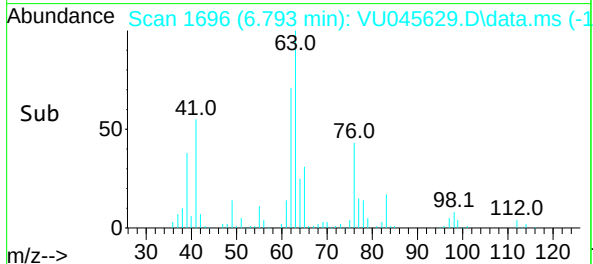
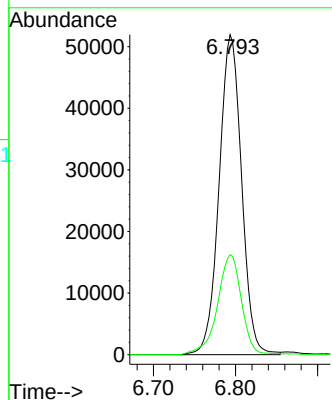
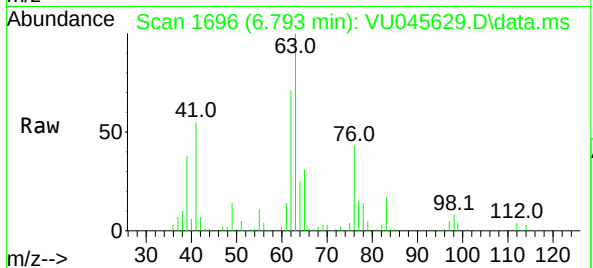
65 31.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#46

Dibromomethane

Concen: 52.376 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.003 min

Lab File: VU045629.D

Acq: 08 Nov 2021 20:32

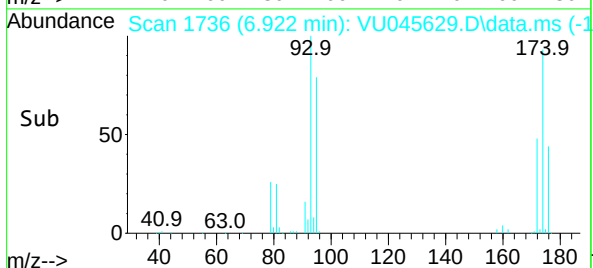
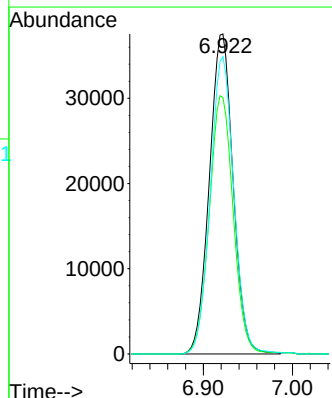
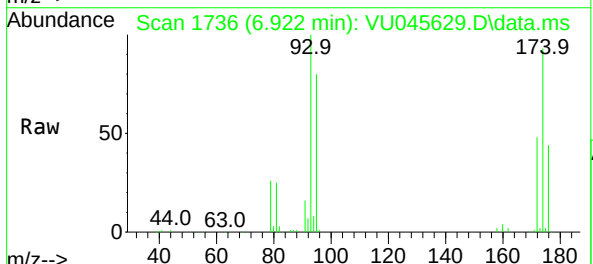
Tgt Ion: 93 Resp: 69595

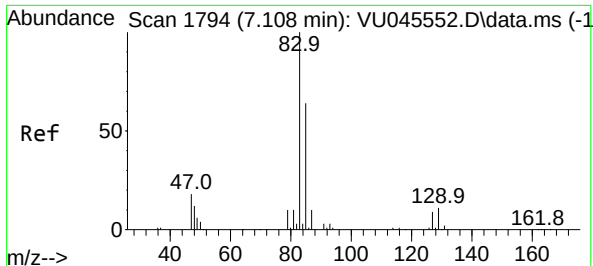
Ion Ratio Lower Upper

93 100

95 81.2 66.2 99.2

174 92.1 71.0 106.6





#47

Bromodichloromethane

Concen: 53.248 ug/l

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU045629.D

Acq: 08 Nov 2021 20:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 134248

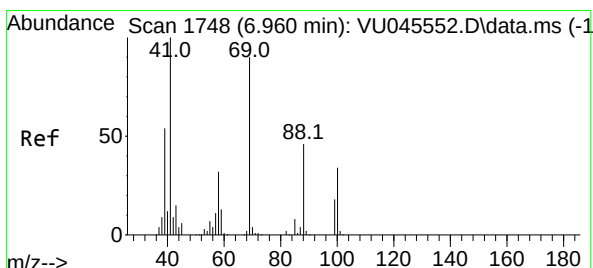
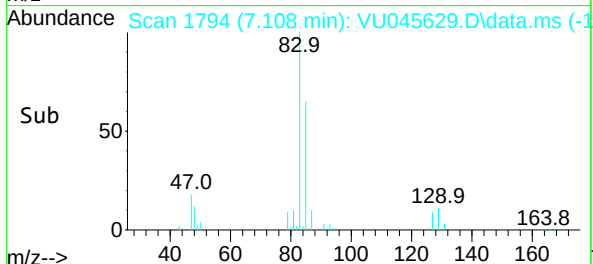
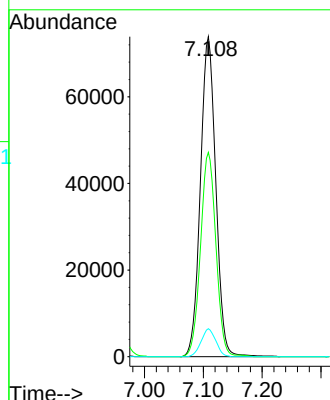
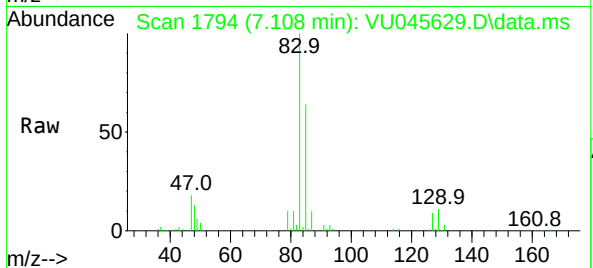
Ion	Ratio	Lower	Upper
83	100		
85	63.8	49.8	74.6
127	8.7	6.2	9.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#48

Methyl methacrylate

Concen: 53.156 ug/l

RT: 6.960 min Scan# 1748

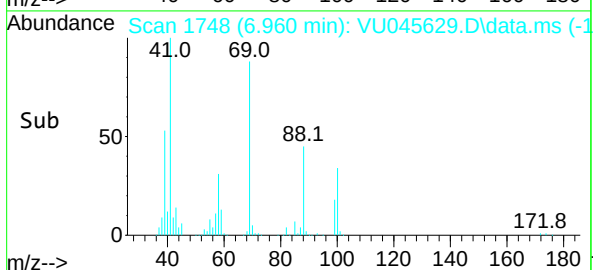
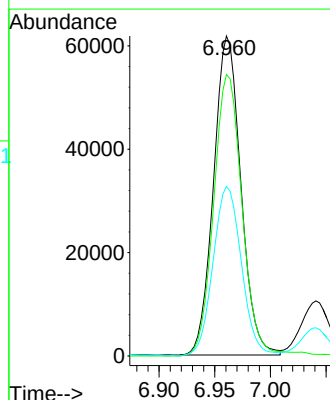
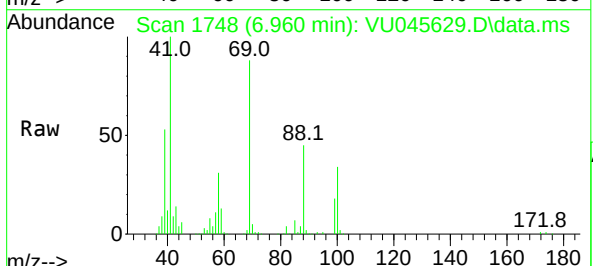
Delta R.T. 0.000 min

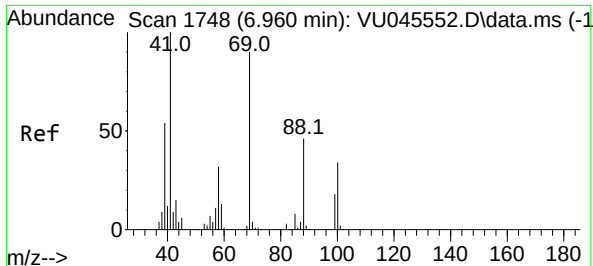
Lab File: VU045629.D

Acq: 08 Nov 2021 20:32

Tgt Ion: 41 Resp: 105231

Ion	Ratio	Lower	Upper
41	100		
69	92.5	70.2	105.2
39	55.4	43.9	65.9





#49

1,4-Dioxane

Concen: 1048.873 ug/l

RT: 6.964 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU045629.D

Acq: 08 Nov 2021 20:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 53398

Ion Ratio Lower Upper

88 100

43 29.1 0.0 0.0

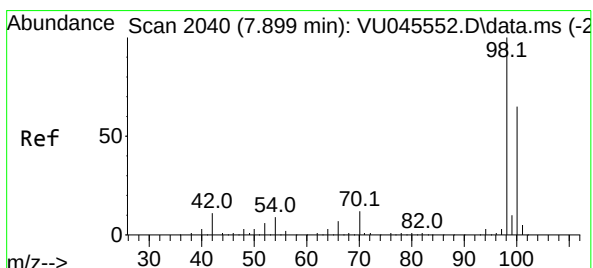
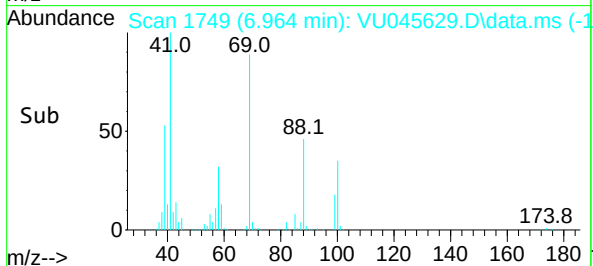
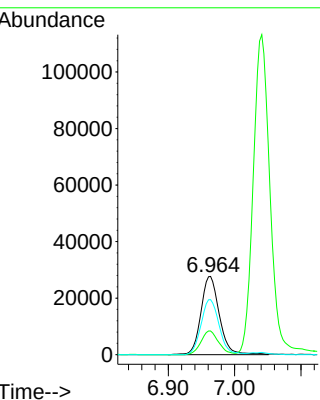
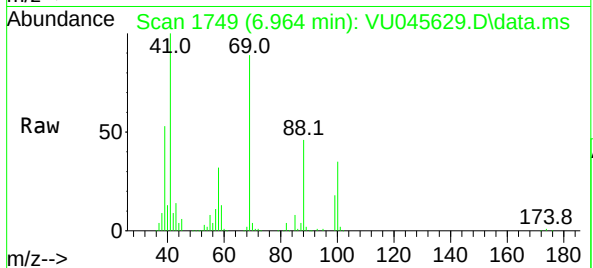
58 69.2 58.7 88.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#50

Toluene-d8

Concen: 51.947 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU045629.D

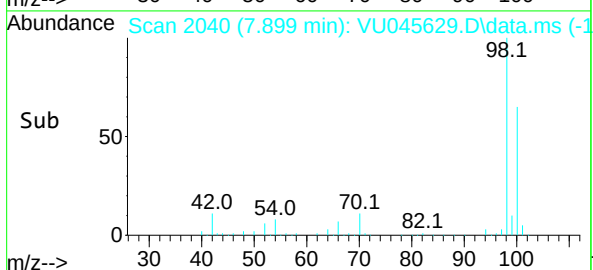
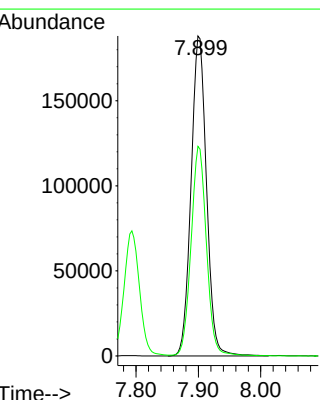
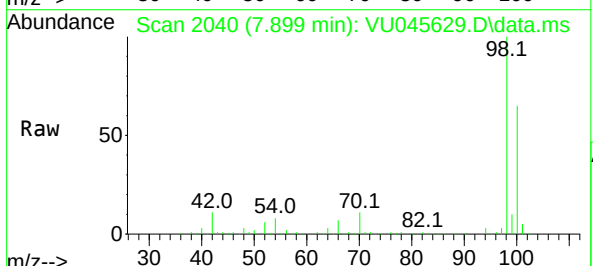
Acq: 08 Nov 2021 20:32

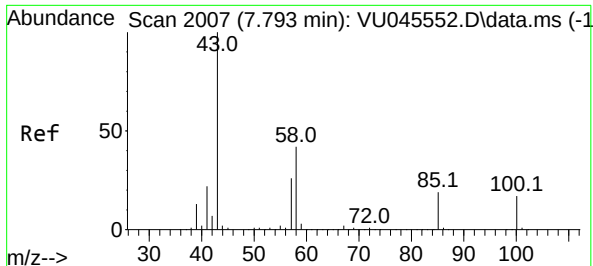
Tgt Ion: 98 Resp: 323771

Ion Ratio Lower Upper

98 100

100 65.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 263.931 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045629.D

Acq: 08 Nov 2021 20:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 748832

Ion Ratio Lower Upper

43 100

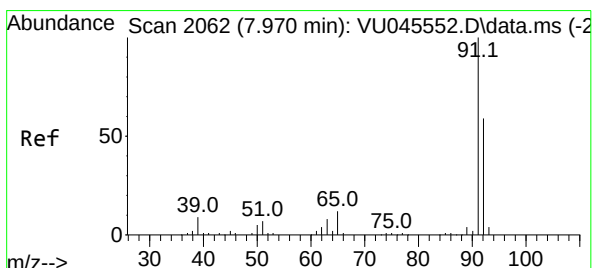
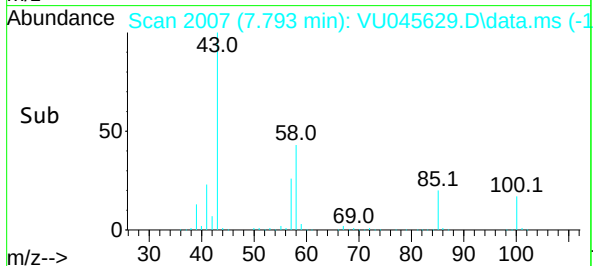
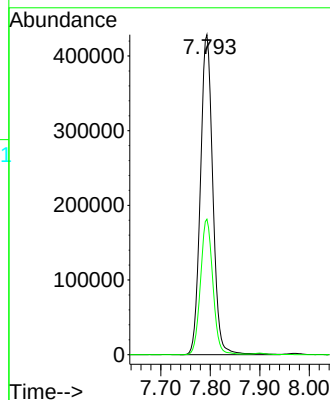
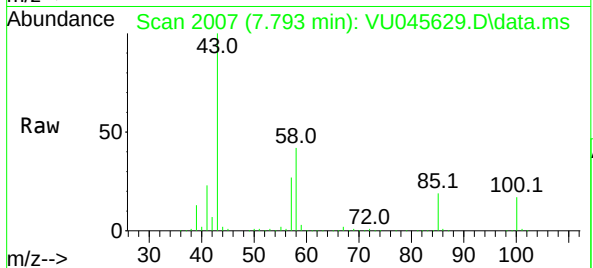
58 42.1 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#52

Toluene

Concen: 52.708 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU045629.D

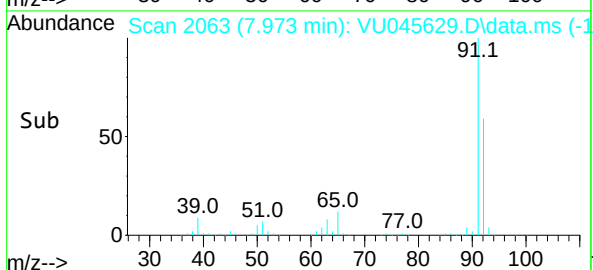
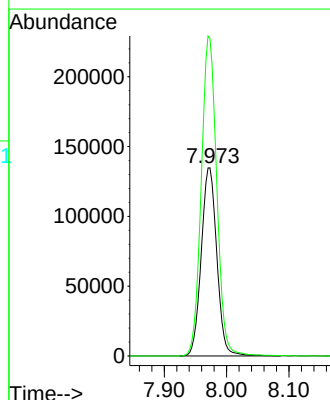
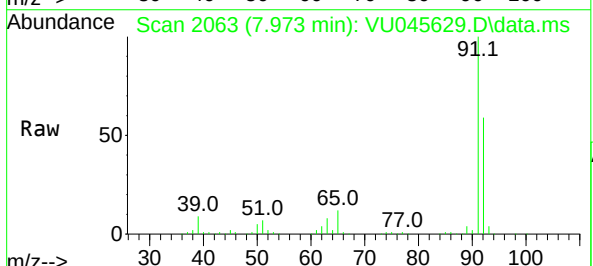
Acq: 08 Nov 2021 20:32

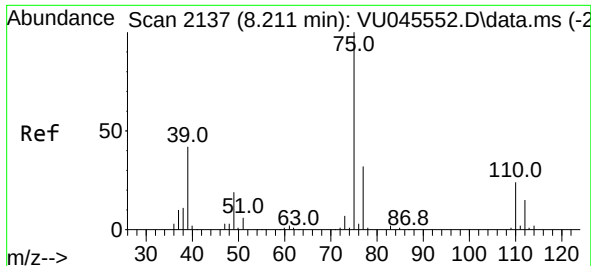
Tgt Ion: 92 Resp: 233872

Ion Ratio Lower Upper

92 100

91 169.4 135.6 203.4





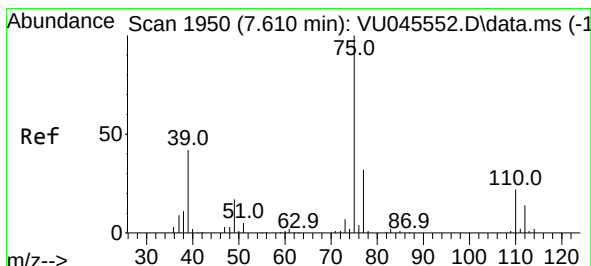
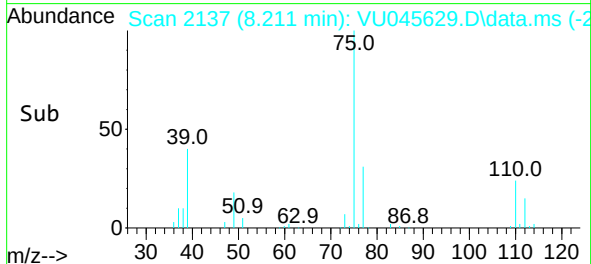
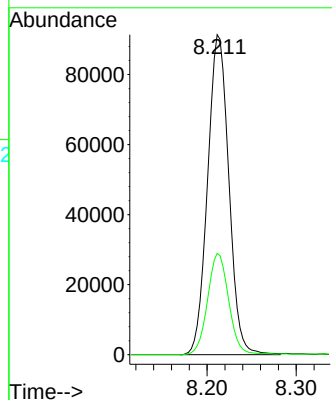
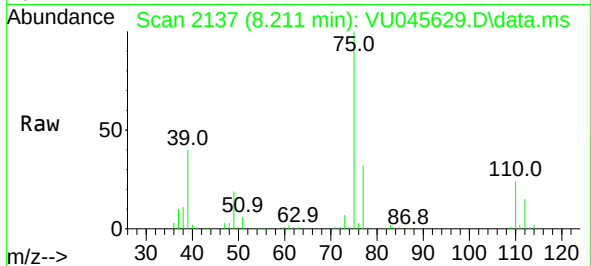
#53
t-1,3-Dichloropropene
Concen: 52.152 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 151114
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.8

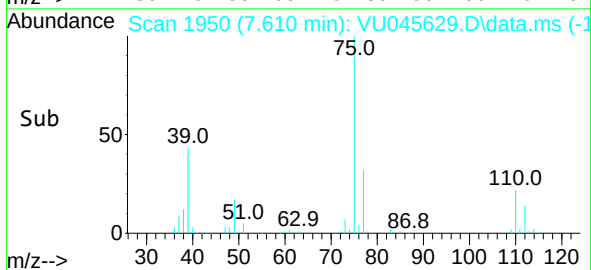
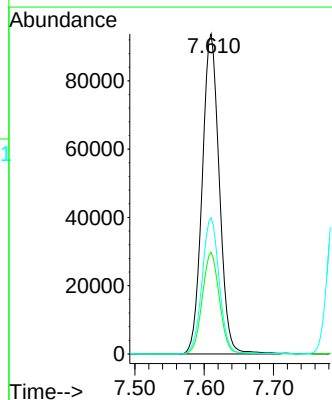
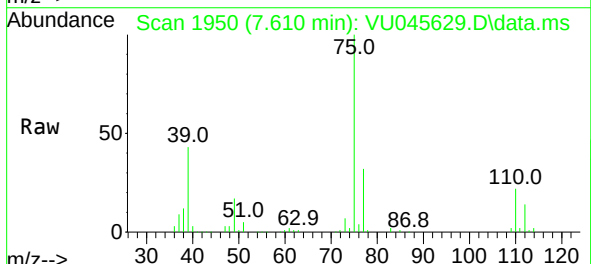
Manual Integrations
APPROVED

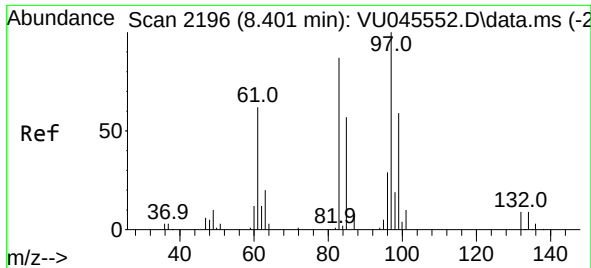
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#54
cis-1,3-Dichloropropene
Concen: 52.259 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

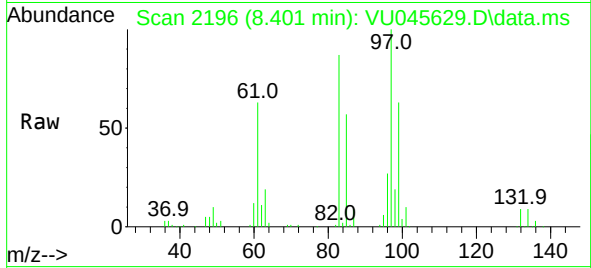
Tgt Ion: 75 Resp: 160834
Ion Ratio Lower Upper
75 100
77 31.7 24.6 37.0
39 42.5 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 52.363 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

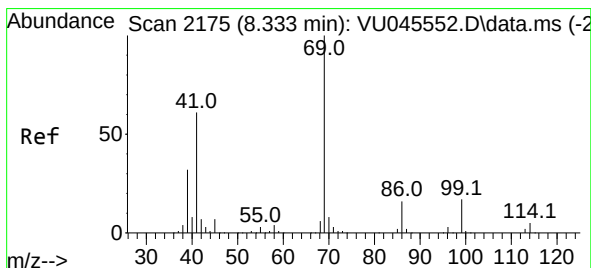
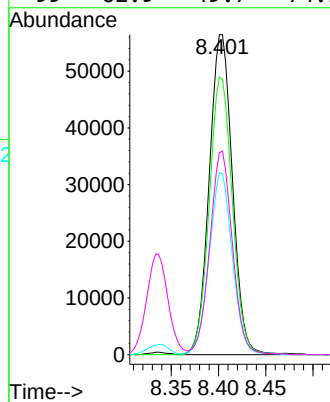
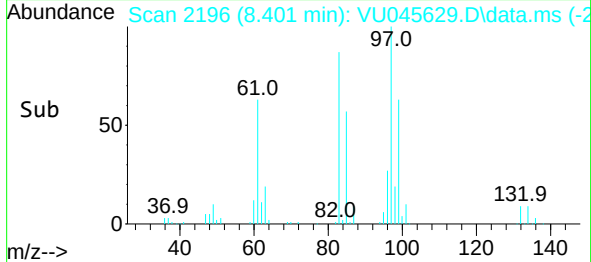
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



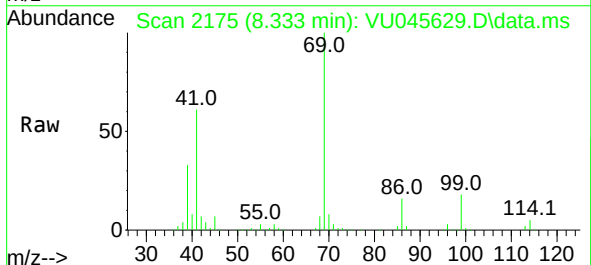
Tgt Ion: 97 Resp: 9629
Ion Ratio Lower Upper
97 100
83 86.8 70.3 105.5
85 56.7 45.5 68.3
99 62.9 49.7 74.5

Manual Integrations
APPROVED

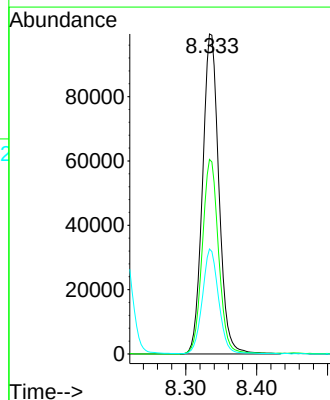
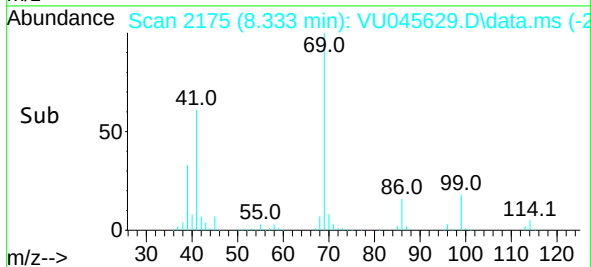
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

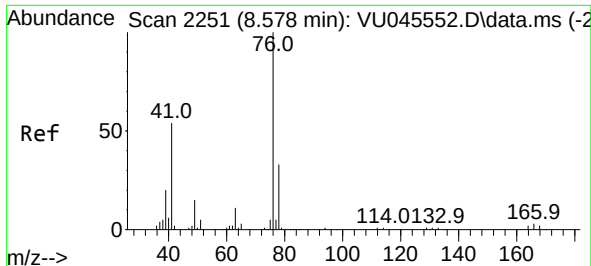


#56
Ethyl methacrylate
Concen: 48.389 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32



Tgt Ion: 69 Resp: 159337
Ion Ratio Lower Upper
69 100
41 60.7 51.0 76.4
39 32.4 26.6 39.8





#57

1,3-Dichloropropane

Concen: 51.539 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045629.D

Acq: 08 Nov 2021 20:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 170704

Ion Ratio Lower Upper

76 100

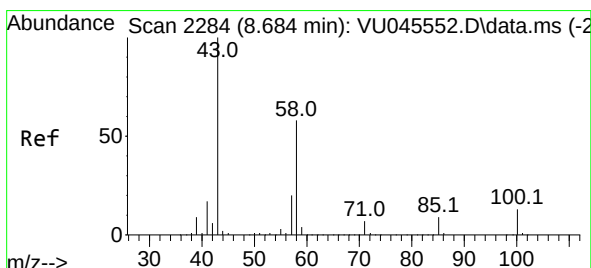
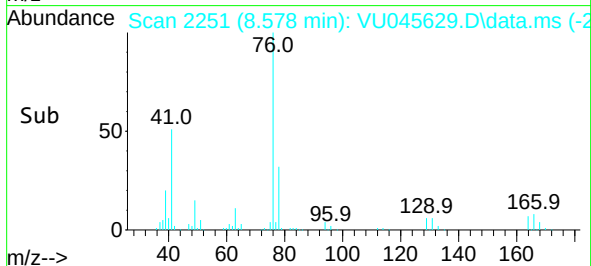
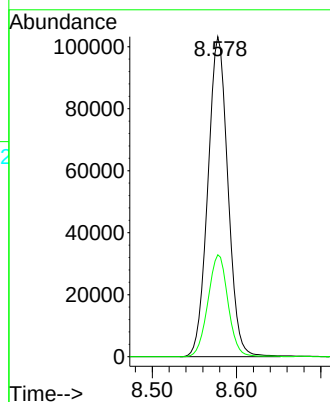
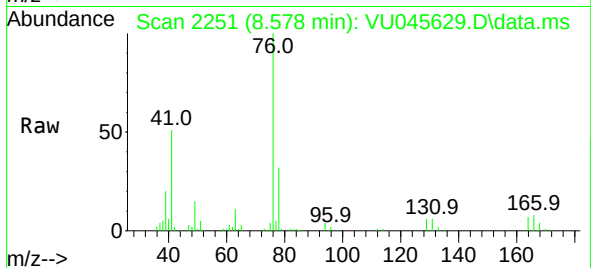
78 31.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#59

2-Hexanone

Concen: 232.187 ug/l

RT: 8.684 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VU045629.D

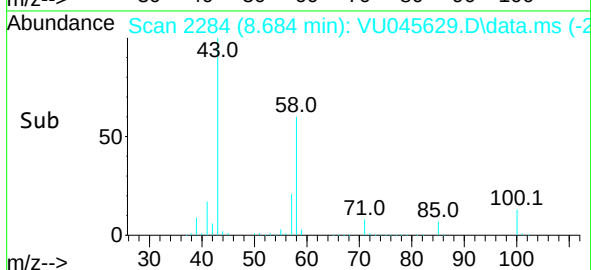
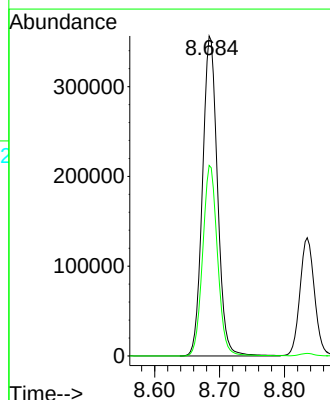
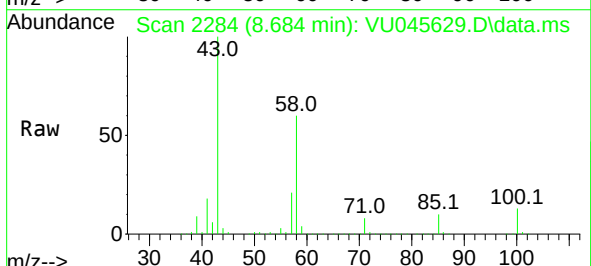
Acq: 08 Nov 2021 20:32

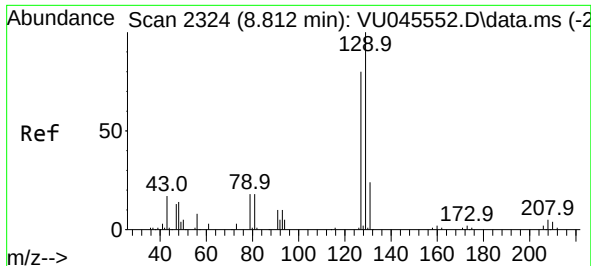
Tgt Ion: 43 Resp: 571848

Ion Ratio Lower Upper

43 100

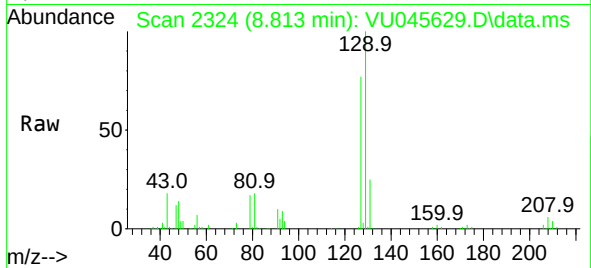
58 59.0 29.5 88.6





#60
Dibromochloromethane
Concen: 53.619 ug/l
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

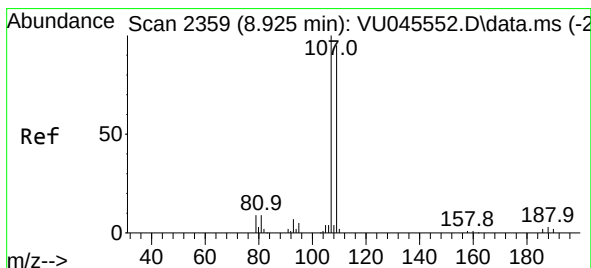
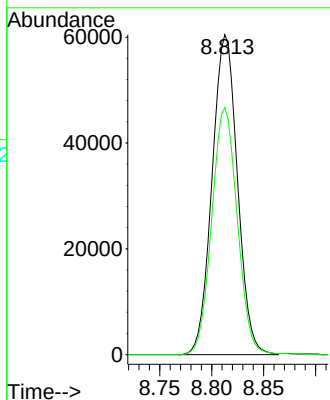
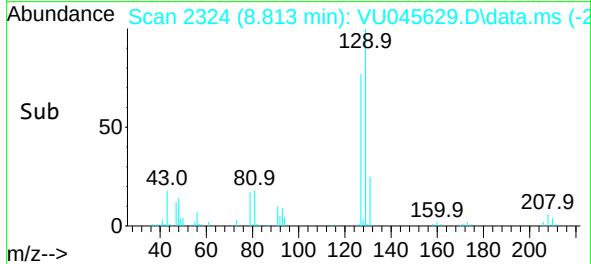
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



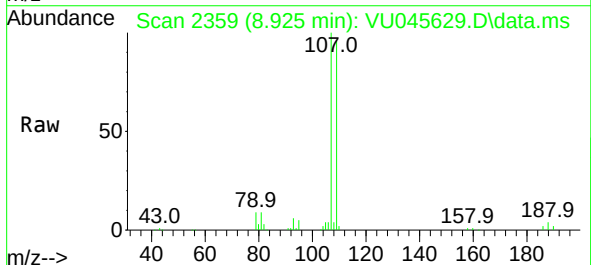
Tgt Ion:129 Resp: 102679
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.3

Manual Integrations
APPROVED

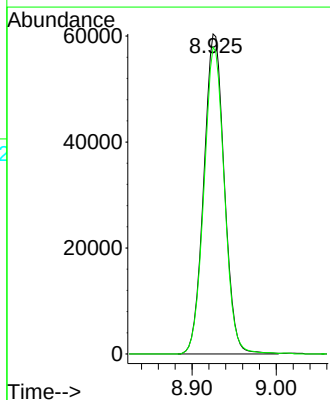
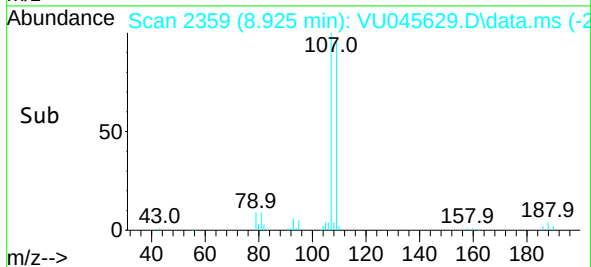
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

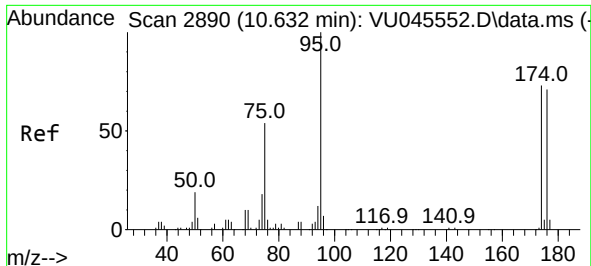


#61
1,2-Dibromoethane
Concen: 51.836 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32



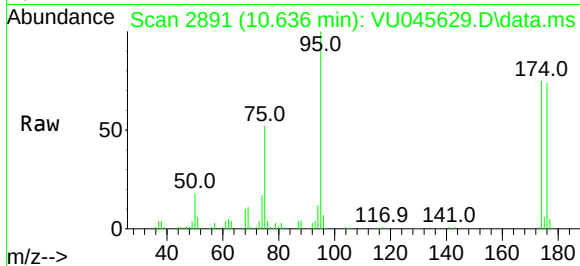
Tgt Ion:107 Resp: 102237
Ion Ratio Lower Upper
107 100
109 95.4 75.8 113.8





#62
4-Bromofluorobenzene
Concen: 49.941 ug/l
RT: 10.636 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

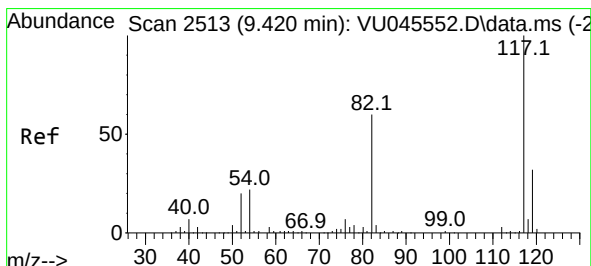
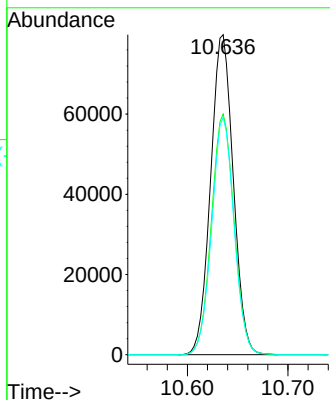
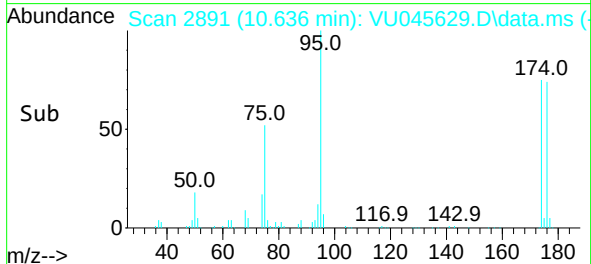
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



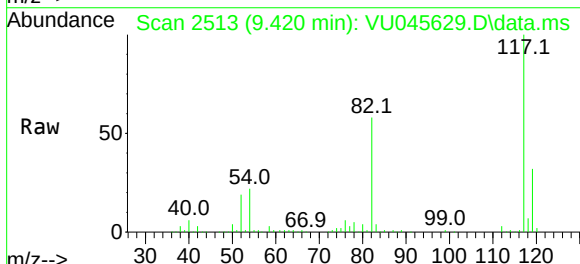
Tgt Ion: 95 Resp: 124818
Ion Ratio Lower Upper
95 100
174 75.6 0.0 141.8
176 73.2 0.0 138.2

Manual Integrations
APPROVED

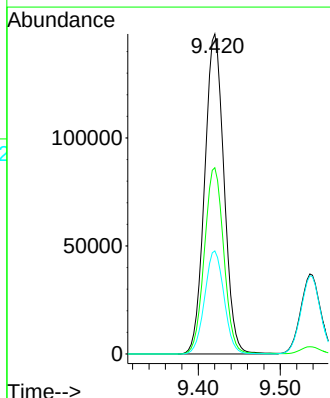
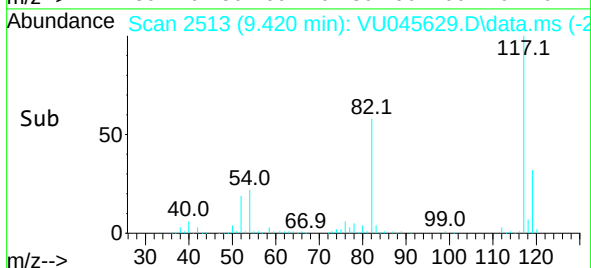
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

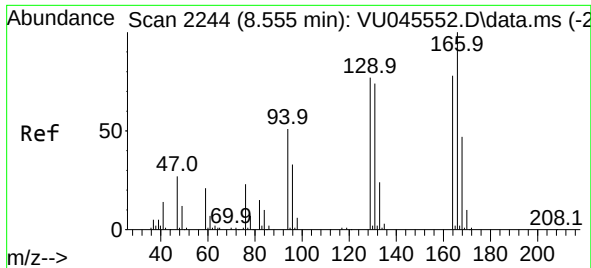


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32



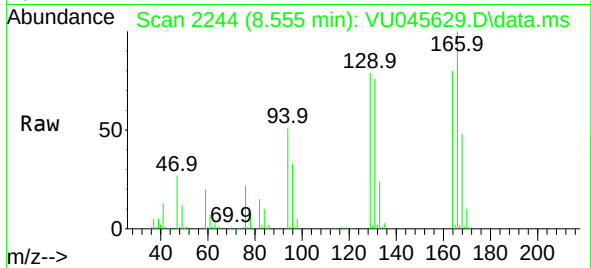
Tgt Ion:117 Resp: 242666
Ion Ratio Lower Upper
117 100
82 58.2 47.8 71.8
119 32.2 25.8 38.8





#64
Tetrachloroethene
Concen: 54.124 ug/l
RT: 8.555 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

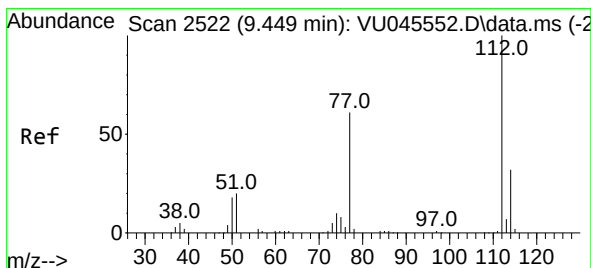
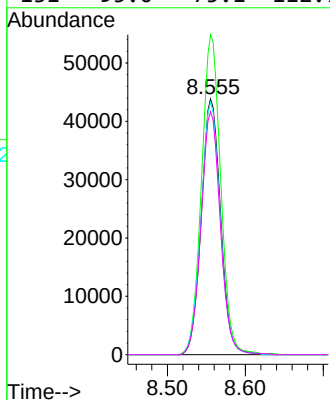
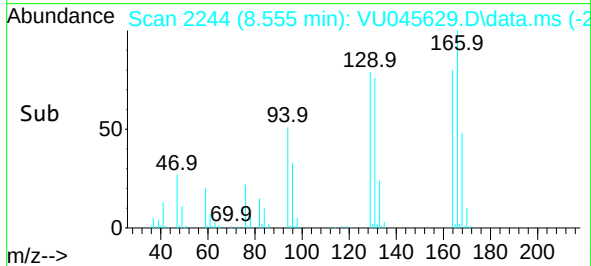
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:164 Resp: 75384
Ion Ratio Lower Upper
164 100
166 125.1 102.2 153.4
129 98.7 78.2 117.4
131 95.0 75.1 112.7

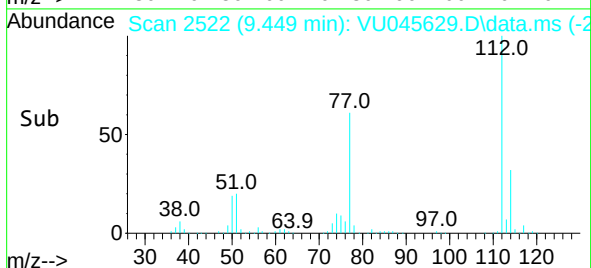
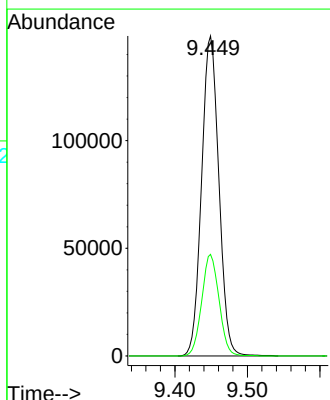
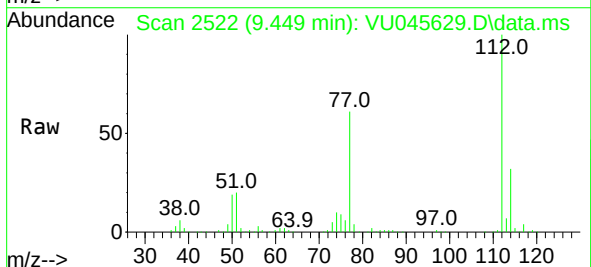
Manual Integrations
APPROVED

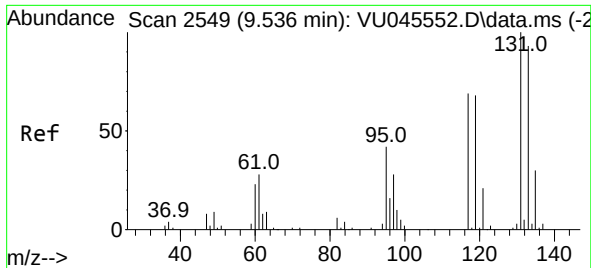
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#65
Chlorobenzene
Concen: 51.597 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

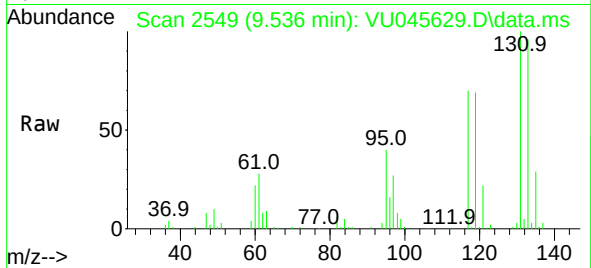
Tgt Ion:112 Resp: 245942
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5





#66
1,1,1,2-Tetrachloroethane
Concen: 51.947 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

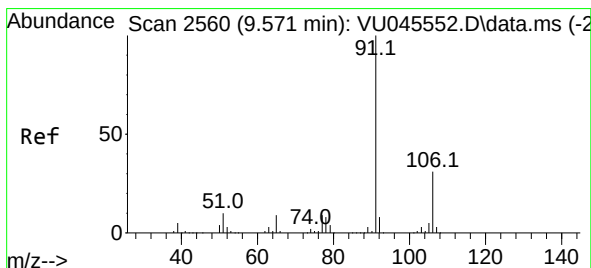
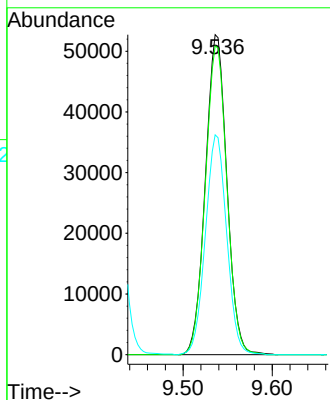
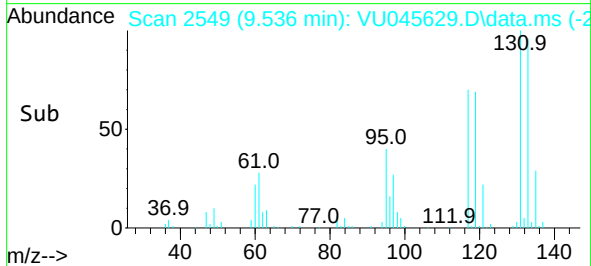
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



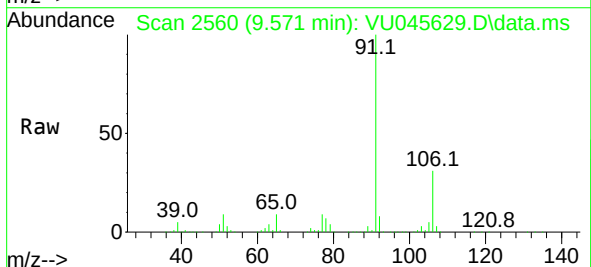
Tgt Ion:131 Resp: 88310
Ion Ratio Lower Upper
131 100
133 97.2 47.9 143.6
119 68.1 34.5 103.6

Manual Integrations
APPROVED

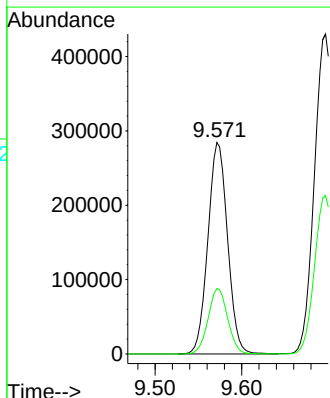
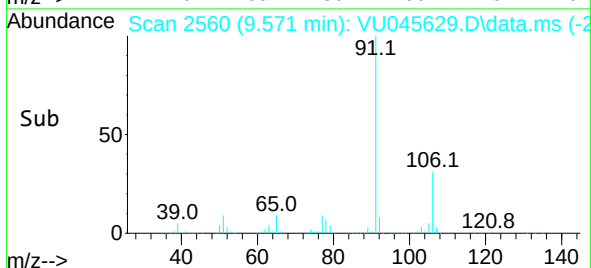
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

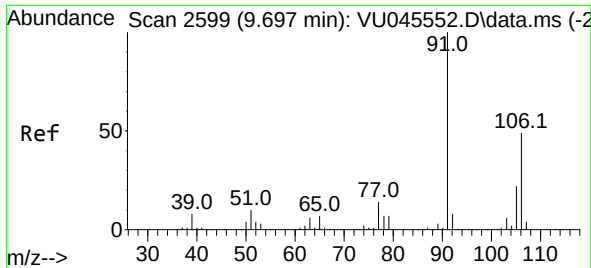


#67
Ethyl Benzene
Concen: 52.478 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32



Tgt Ion: 91 Resp: 447952
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8





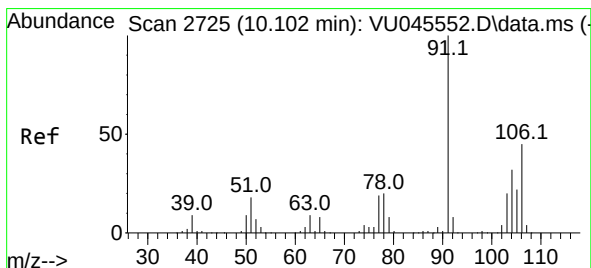
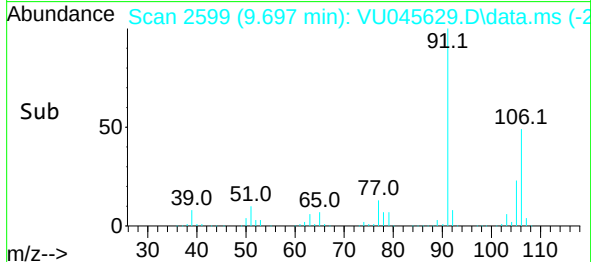
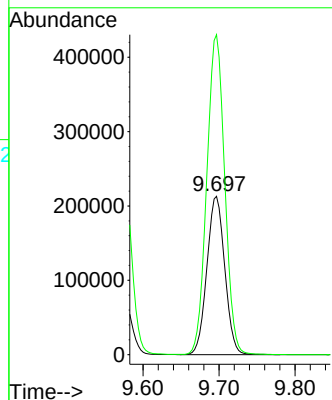
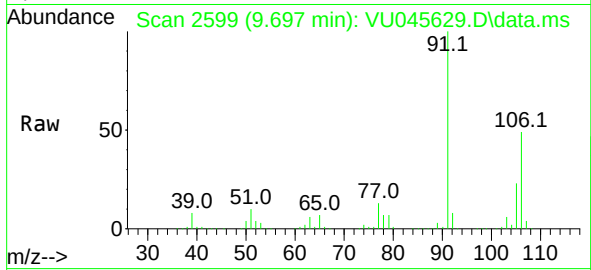
#68
m/p-Xylenes
Concen: 107.918 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 34741
Ion Ratio Lower Upper
106 100
91 203.2 164.7 247.1

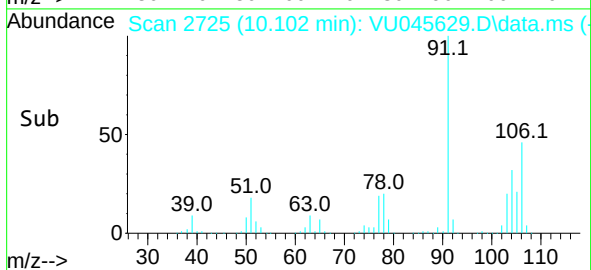
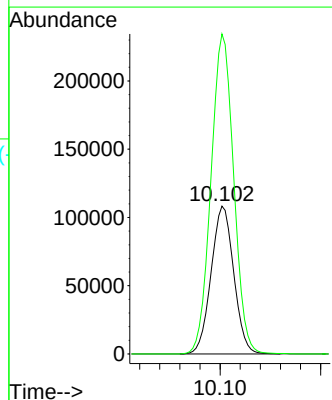
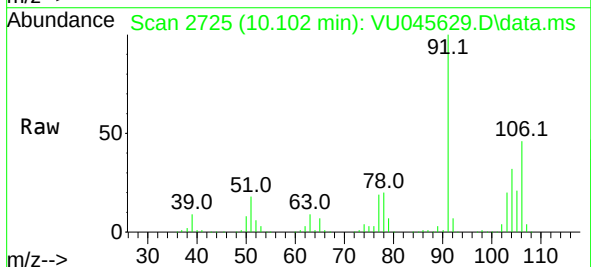
Manual Integrations
APPROVED

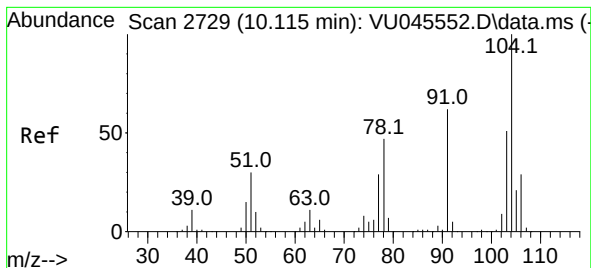
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#69
o-Xylene
Concen: 54.072 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

Tgt Ion:106 Resp: 169234
Ion Ratio Lower Upper
106 100
91 217.3 108.7 326.3





#70

Styrene

Concen: 54.260 ug/l

RT: 10.115 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045629.D

Acq: 08 Nov 2021 20:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

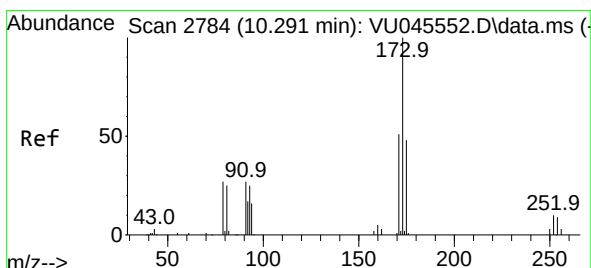
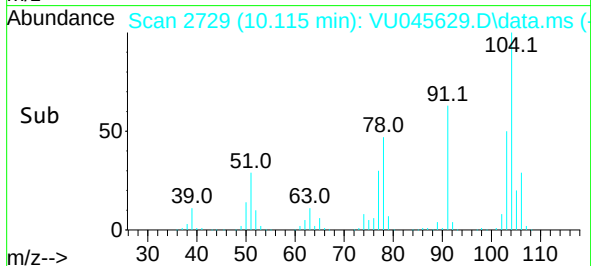
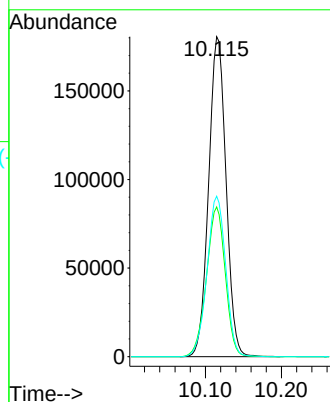
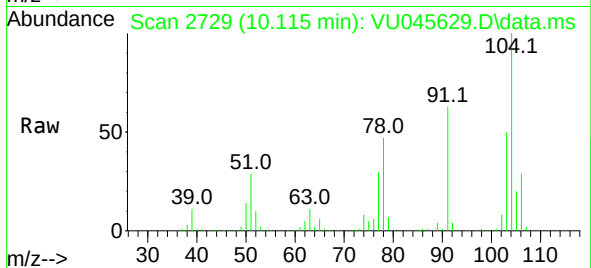
Tgt Ion:104	Resp: 287298
Ion Ratio	Lower Upper
104 100	
78 50.5	41.8 62.6
103 53.8	43.8 65.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2021

Supervised By :Mahesh Dadoda 11/15/2021



#71

Bromoform

Concen: 48.846 ug/l

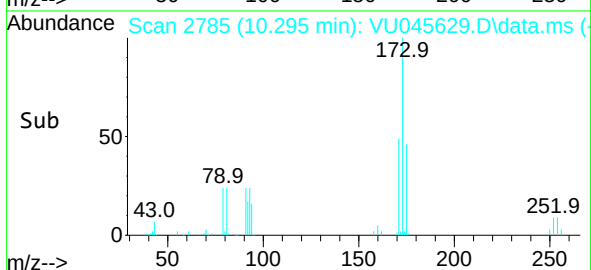
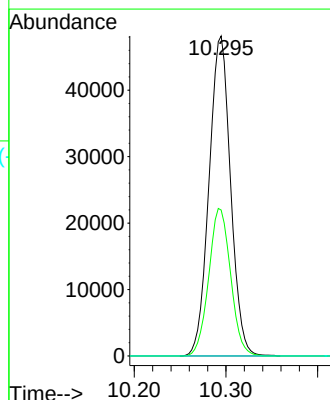
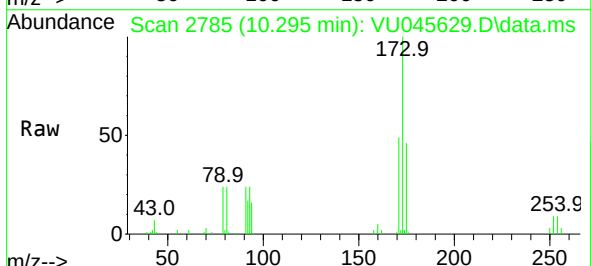
RT: 10.295 min Scan# 2785

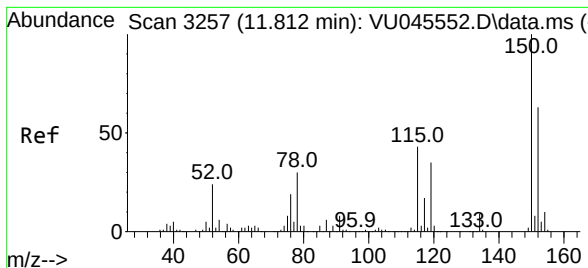
Delta R.T. 0.004 min

Lab File: VU045629.D

Acq: 08 Nov 2021 20:32

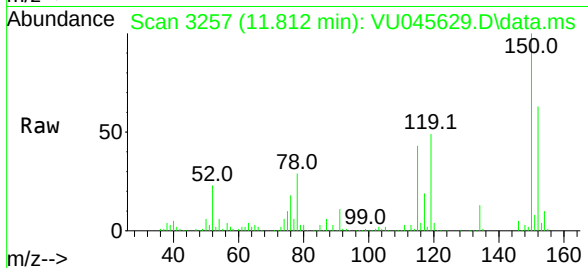
Tgt Ion:173	Resp: 78473
Ion Ratio	Lower Upper
173 100	
175 46.9	24.1 72.2
254 0.0	0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

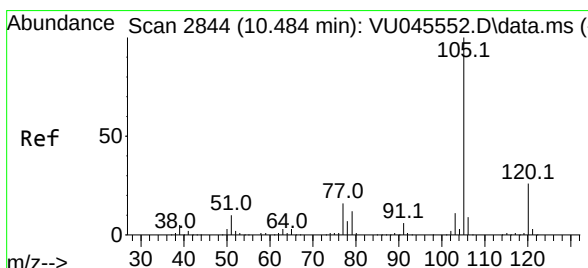
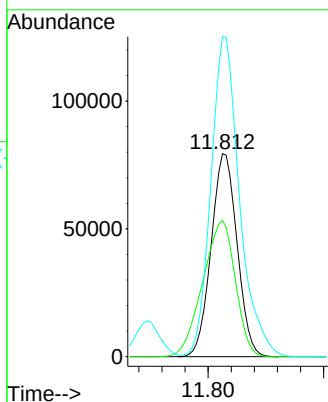
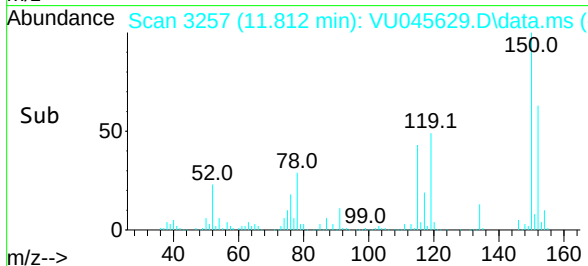
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



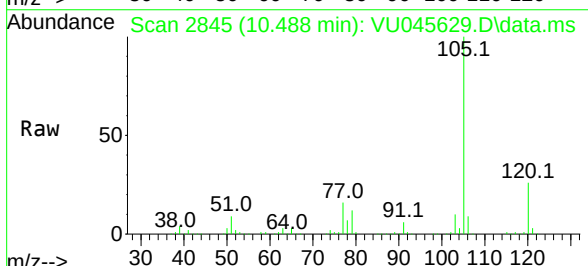
Tgt Ion:152 Resp: 12388
Ion Ratio Lower Upper
152 100
115 84.1 42.7 128.1
150 174.1 0.0 346.8

Manual Integrations
APPROVED

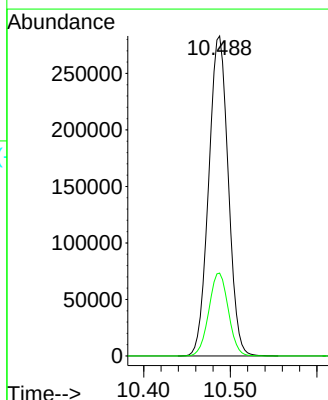
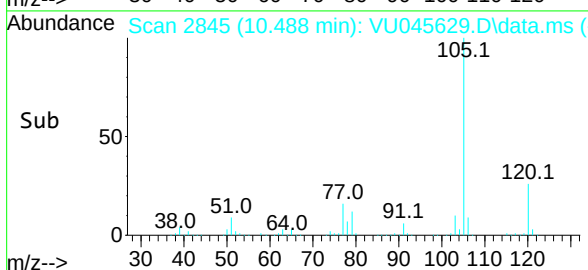
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

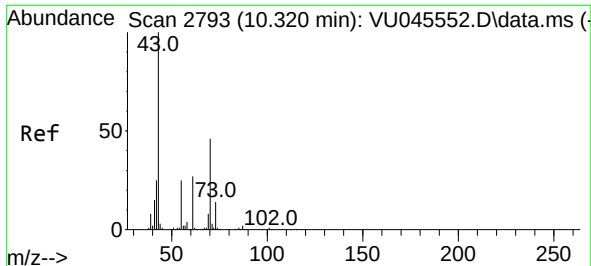


#73
Isopropylbenzene
Concen: 54.807 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32



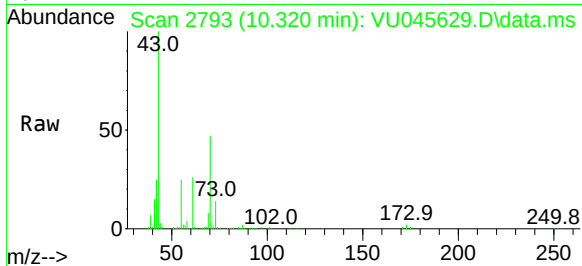
Tgt Ion:105 Resp: 443627
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6





#74
N-amy1 acetate
Concen: 55.193 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

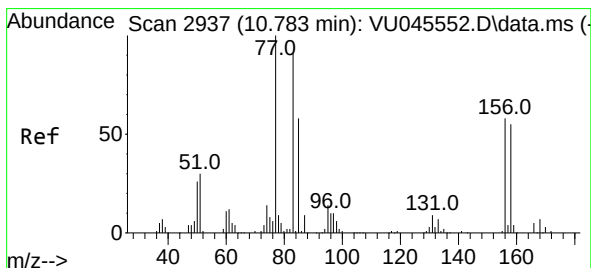
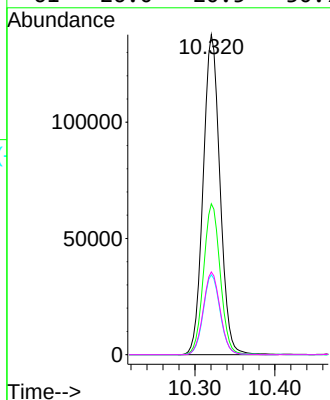
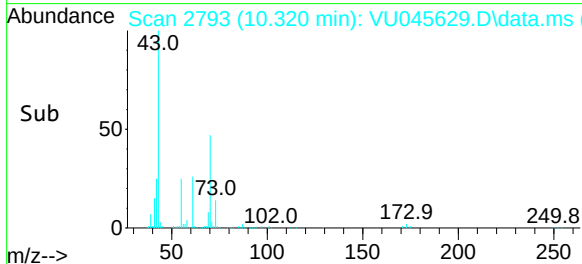
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



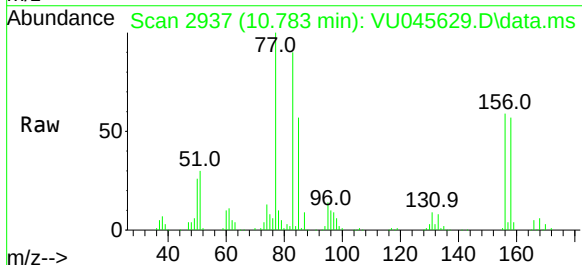
Tgt Ion: 43 Resp: 201540
Ion Ratio Lower Upper
43 100
70 46.9 36.9 55.3
55 25.0 20.6 31.0
61 26.0 20.5 30.7

Manual Integrations
APPROVED

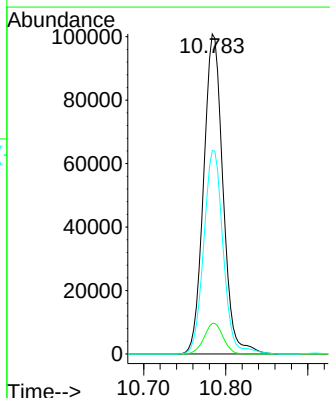
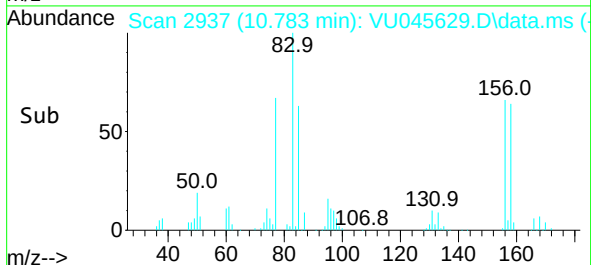
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

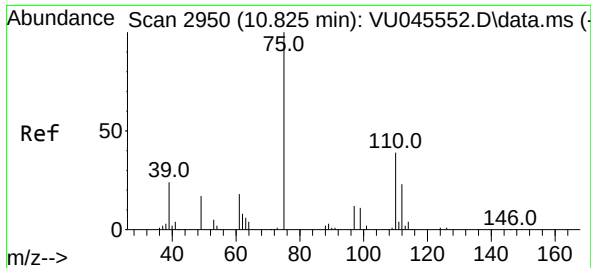


#75
1,1,2,2-Tetrachloroethane
Concen: 51.585 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32



Tgt Ion: 83 Resp: 165434
Ion Ratio Lower Upper
83 100
131 9.4 4.4 13.2
85 63.8 31.9 95.9





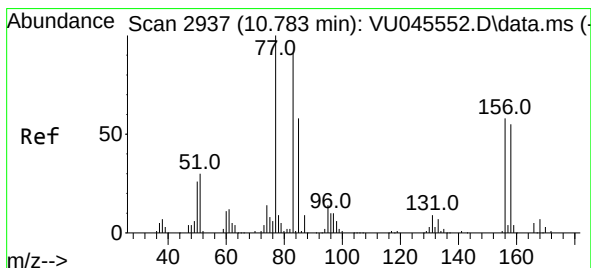
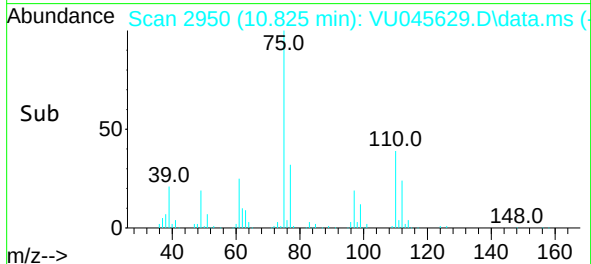
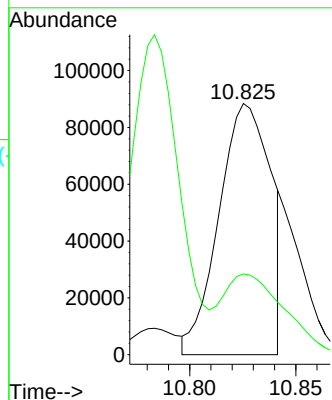
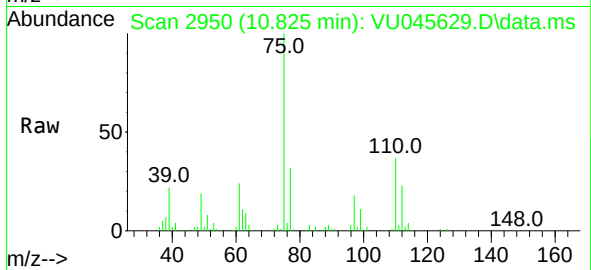
#76
1,2,3-Trichloropropane
Concen: 39.859 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 14974
Ion Ratio Lower Upper
75 100
77 39.0 17.1 51.3

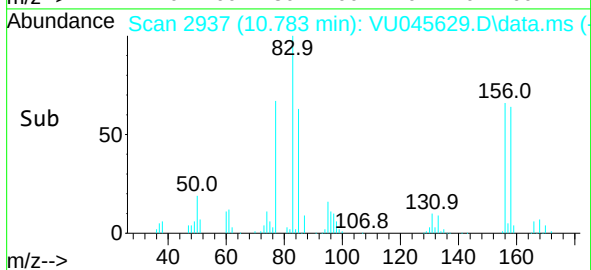
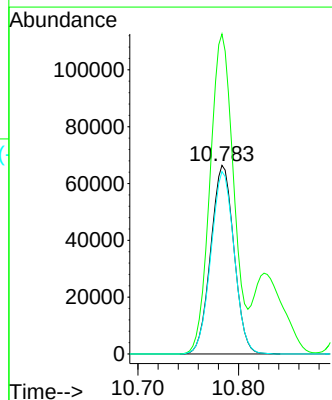
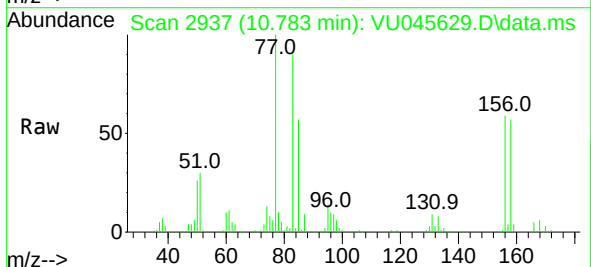
Manual Integrations
APPROVED

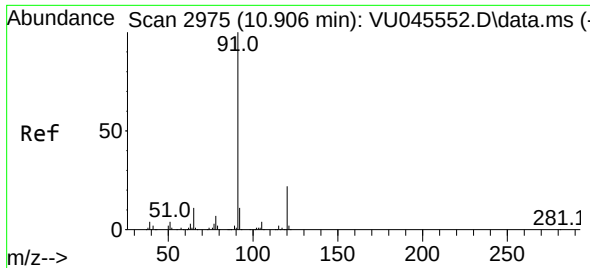
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#77
Bromobenzene
Concen: 54.166 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

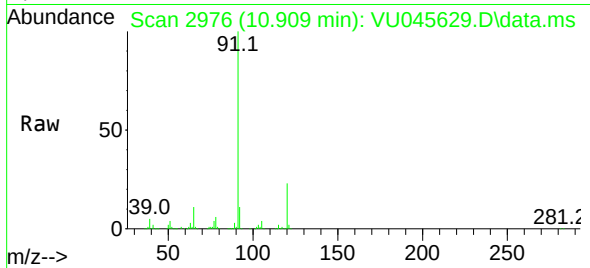
Tgt Ion:156 Resp: 106450
Ion Ratio Lower Upper
156 100
77 172.2 91.1 273.4
158 96.8 47.9 143.6





#78
n-propylbenzene
Concen: 53.053 ug/l
RT: 10.909 min Scan# 2975
Delta R.T. 0.003 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

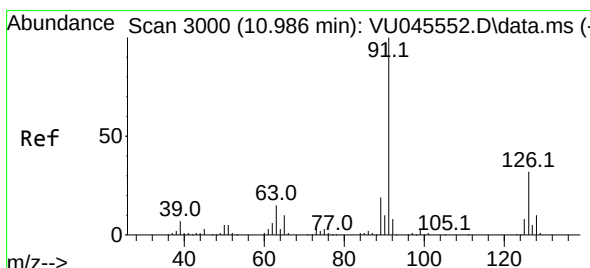
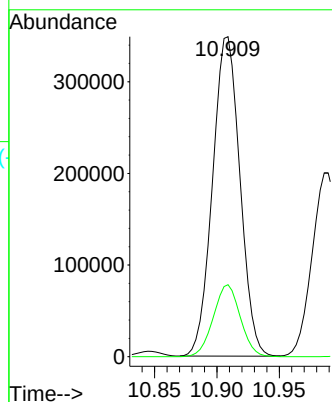
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 53447
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.7

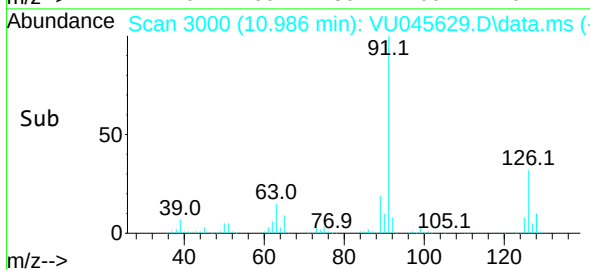
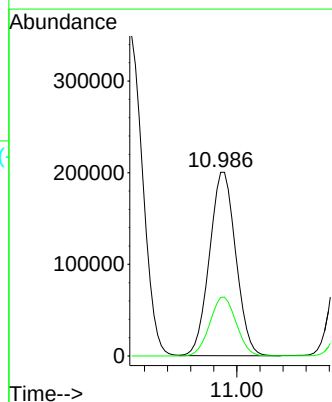
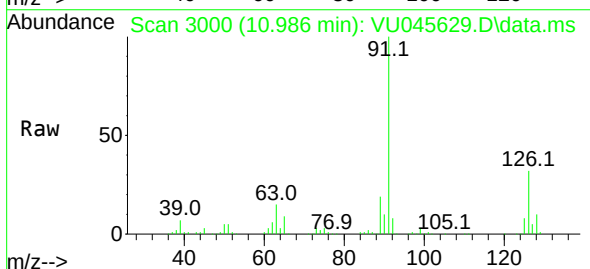
Manual Integrations
APPROVED

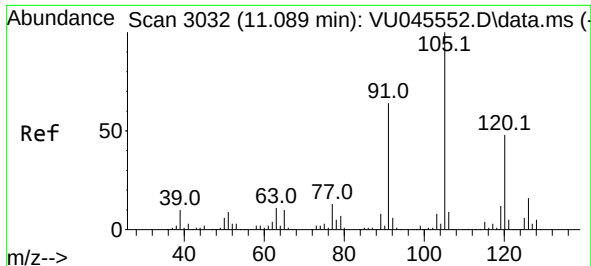
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#79
2-Chlorotoluene
Concen: 53.223 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

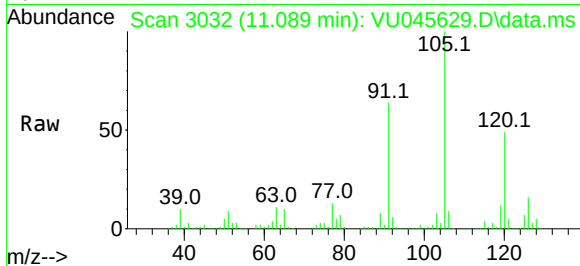
Tgt Ion: 91 Resp: 316783
Ion Ratio Lower Upper
91 100
126 32.3 15.6 46.8





#80
1,3,5-Trimethylbenzene
Concen: 53.392 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

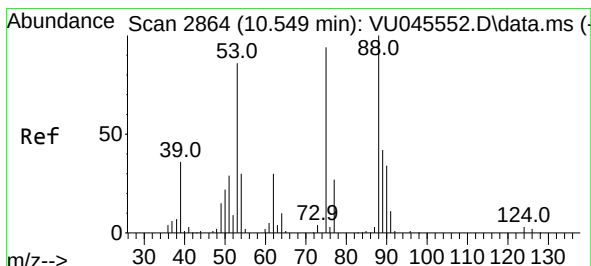
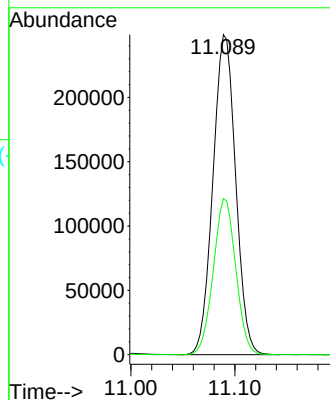
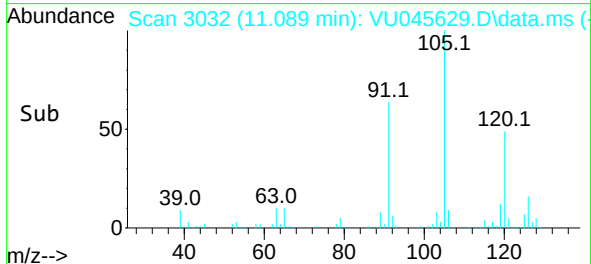
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 37759
Ion Ratio Lower Upper
105 100
120 48.2 23.9 71.8

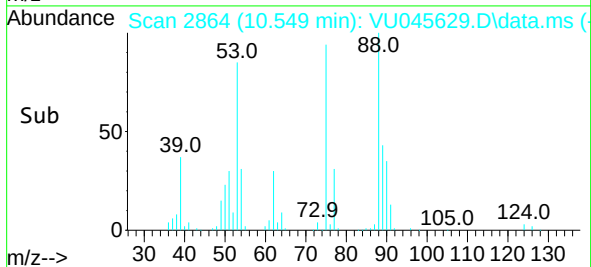
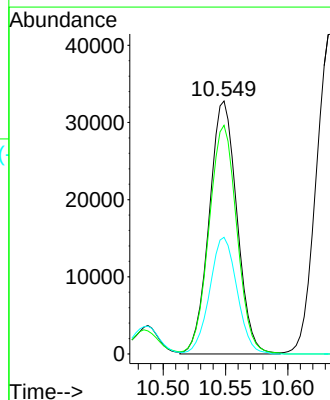
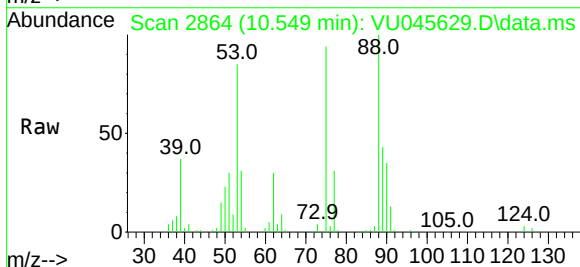
Manual Integrations
APPROVED

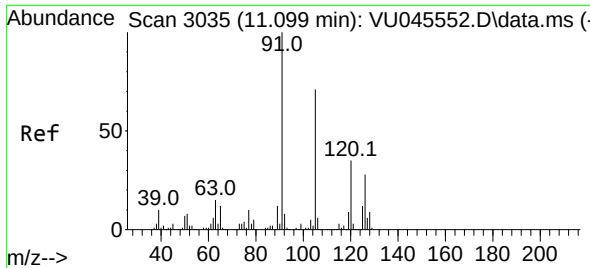
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#81
trans-1,4-Dichloro-2-butene
Concen: 44.633 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

Tgt Ion: 75 Resp: 50793
Ion Ratio Lower Upper
75 100
53 90.8 76.2 114.4
89 45.6 34.0 51.0





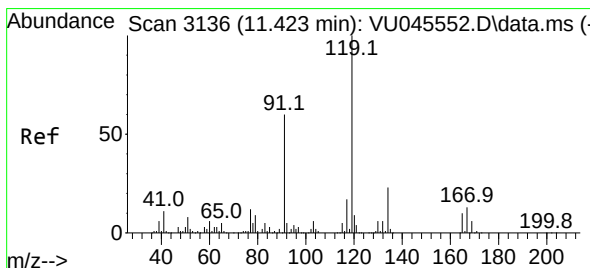
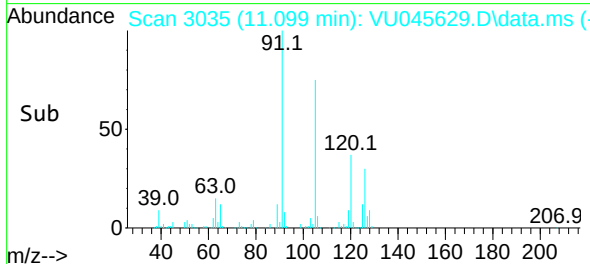
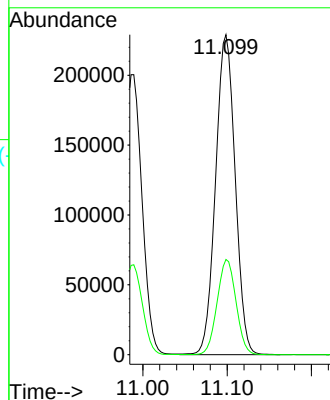
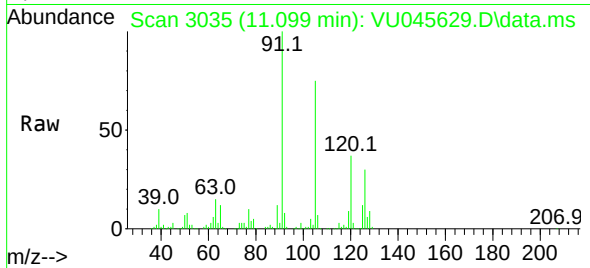
#82
4-Chlorotoluene
Concen: 52.892 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 36920
Ion Ratio Lower Upper
91 100
126 28.7 13.8 41.4

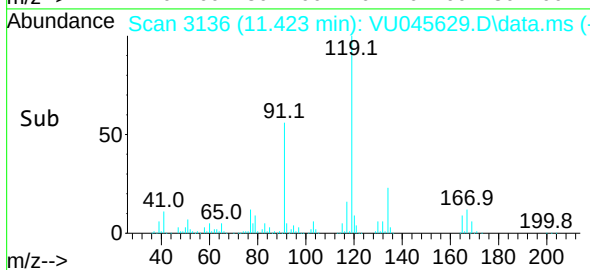
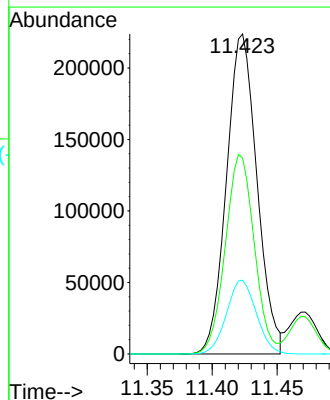
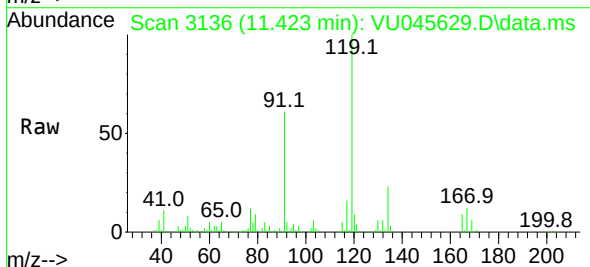
Manual Integrations
APPROVED

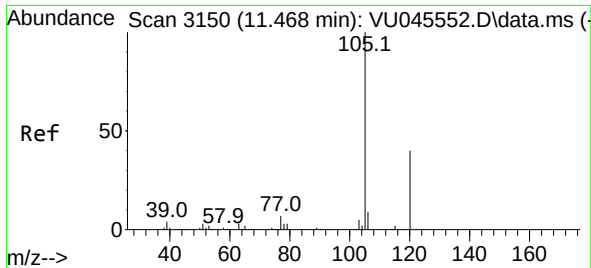
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#83
tert-Butylbenzene
Concen: 54.239 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

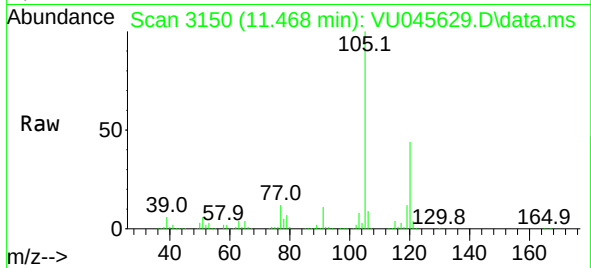
Tgt Ion:119 Resp: 365657
Ion Ratio Lower Upper
119 100
91 59.0 30.5 91.5
134 22.5 11.5 34.5





#84
1,2,4-Trimethylbenzene
Concen: 54.409 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

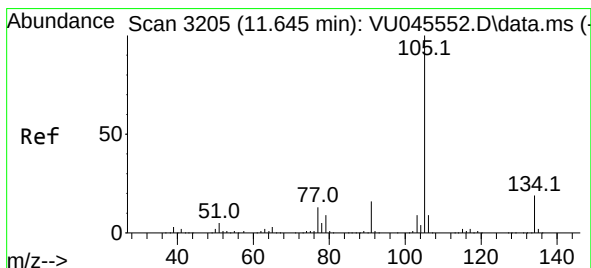
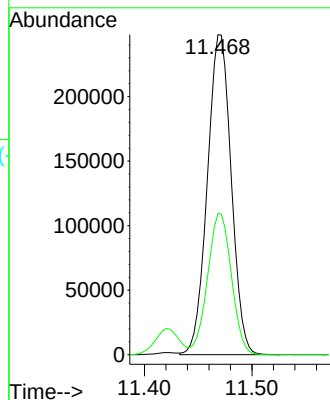
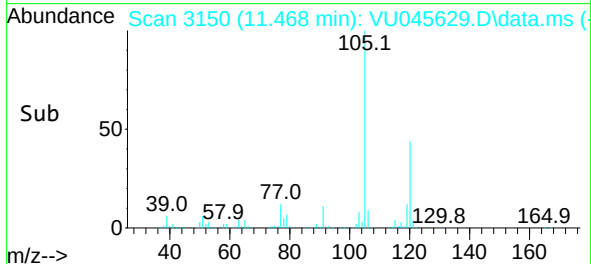
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



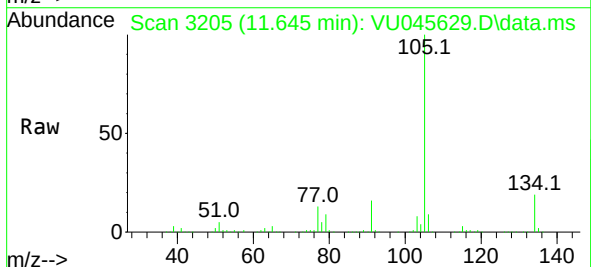
Tgt Ion:105 Resp: 38243
Ion Ratio Lower Upper
105 100
120 44.3 22.2 66.6

Manual Integrations
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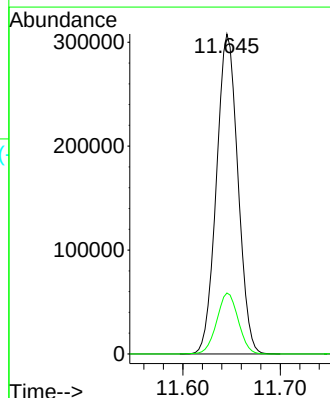
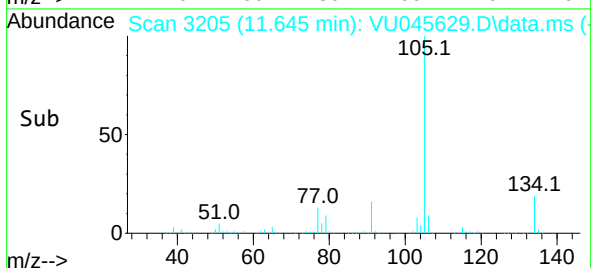
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

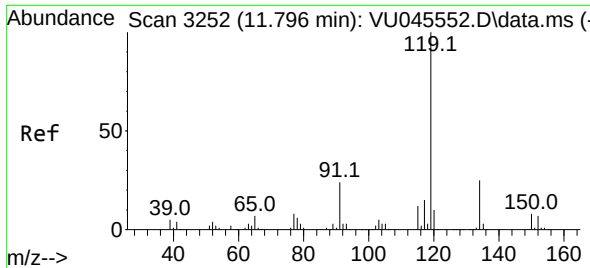


#85
sec-Butylbenzene
Concen: 52.649 ug/l
RT: 11.645 min Scan# 3205
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32



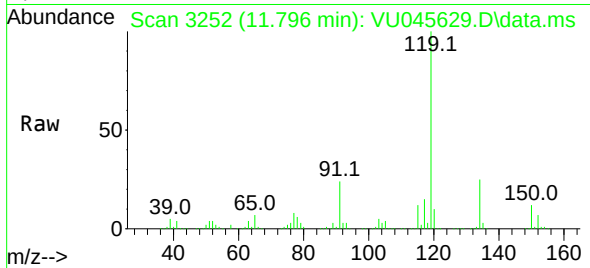
Tgt Ion:105 Resp: 470732
Ion Ratio Lower Upper
105 100
134 19.1 9.4 28.3





#86
p-Isopropyltoluene
Concen: 52.081 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

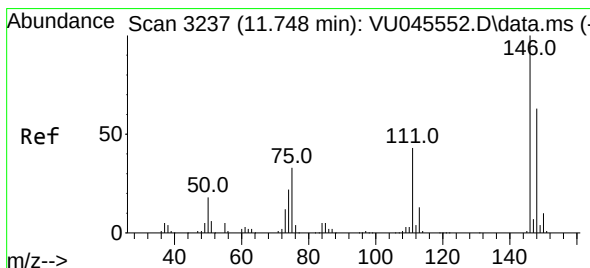
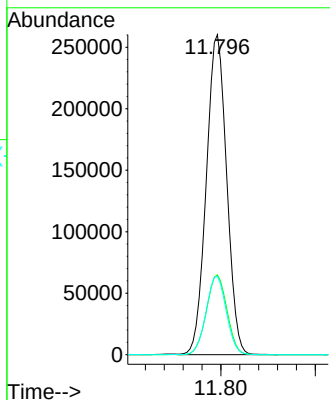
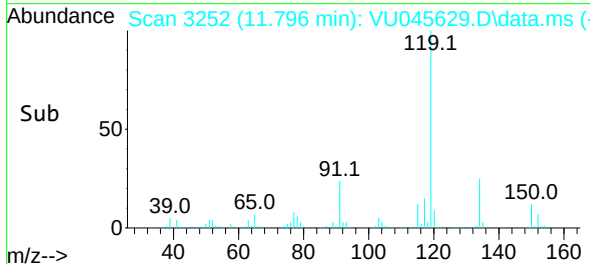
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



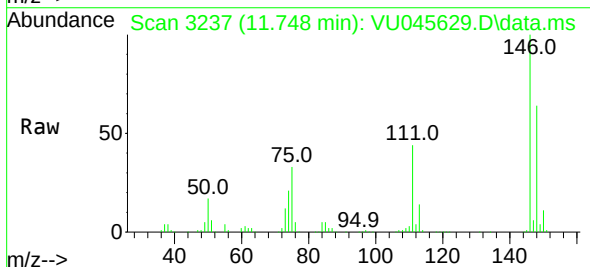
Tgt Ion:119 Resp: 38912
Ion Ratio Lower Upper
119 100
134 25.2 12.7 38.1
91 24.3 12.2 36.4

Manual Integrations
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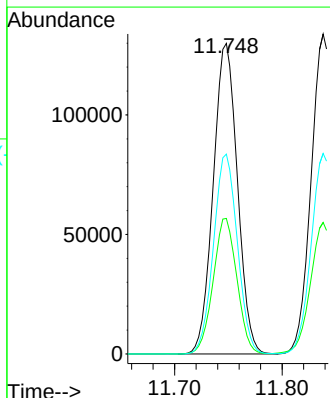
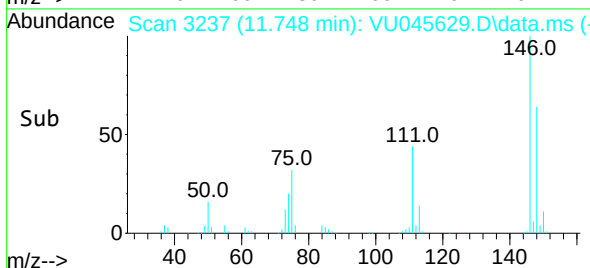
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

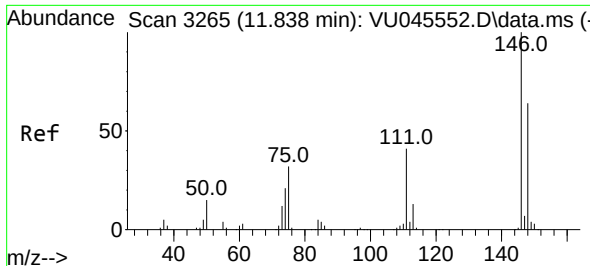


#87
1,3-Dichlorobenzene
Concen: 51.273 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32



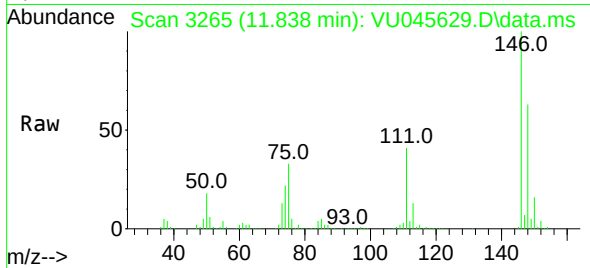
Tgt Ion:146 Resp: 203312
Ion Ratio Lower Upper
146 100
111 42.8 21.3 63.9
148 63.6 31.7 95.1





#88
1,4-Dichlorobenzene
Concen: 51.368 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

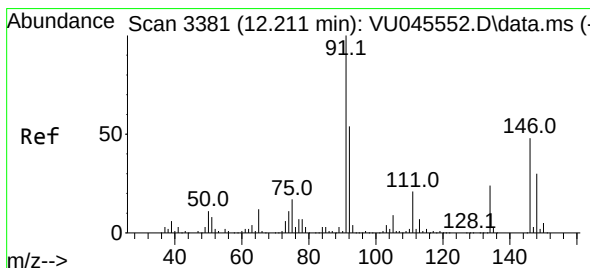
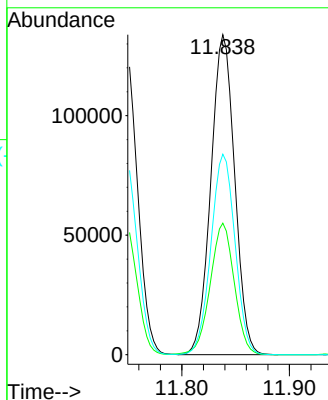
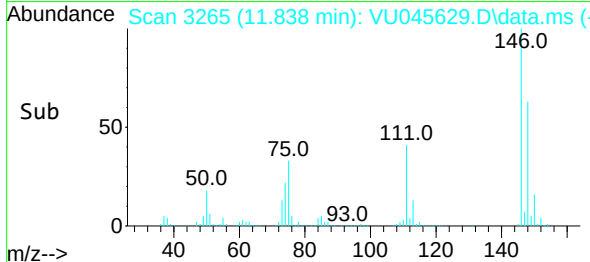
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



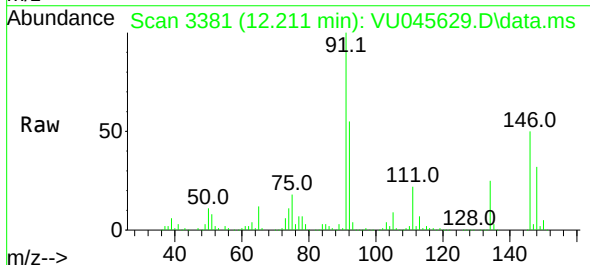
Tgt Ion:146 Resp: 206009
Ion Ratio Lower Upper
146 100
111 41.6 20.6 61.9
148 63.5 31.9 95.7

Manual Integrations
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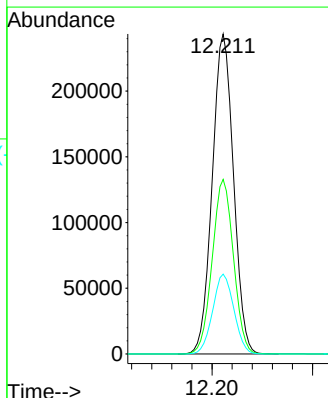
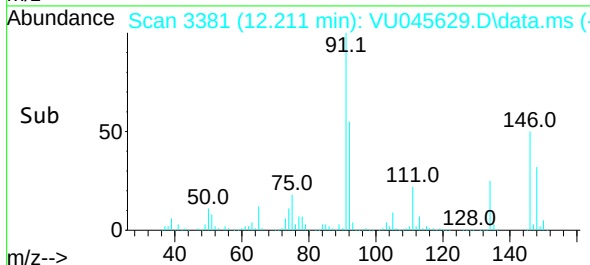
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

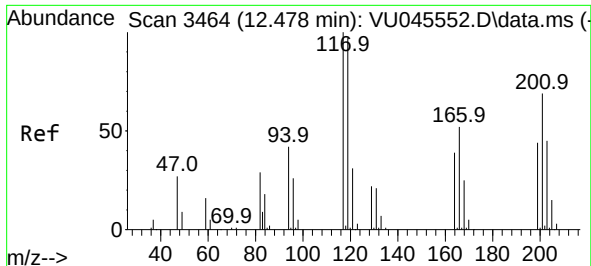


#89
n-Butylbenzene
Concen: 49.613 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32



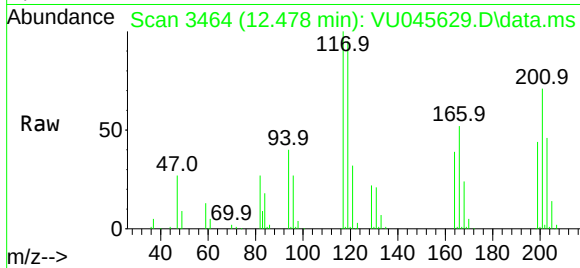
Tgt Ion: 91 Resp: 357070
Ion Ratio Lower Upper
91 100
92 54.5 27.1 81.2
134 24.9 11.8 35.4





#90
Hexachloroethane
Concen: 51.201 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

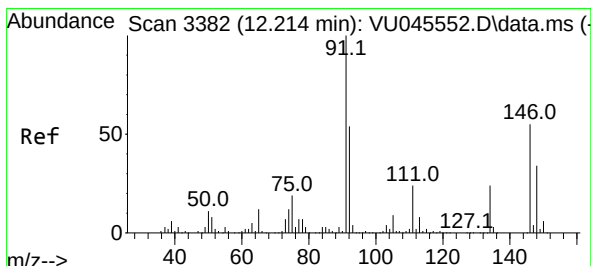
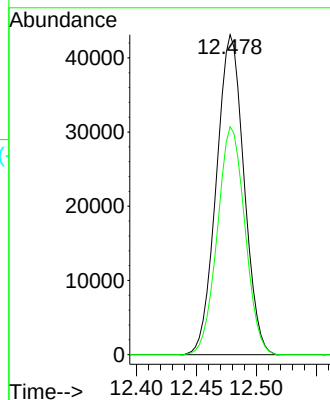
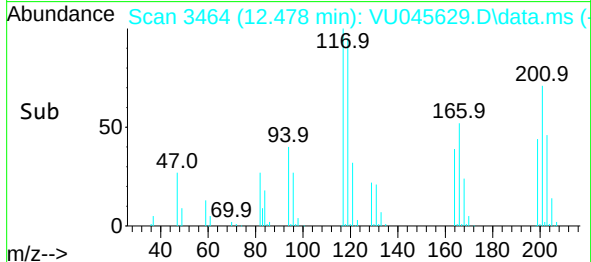
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



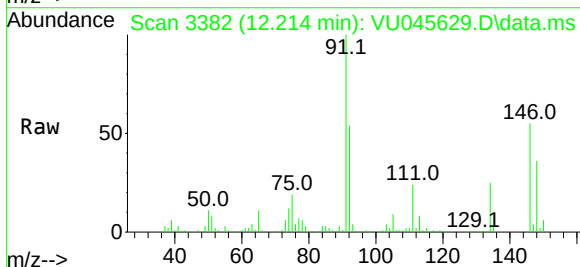
Tgt Ion:117 Resp: 69010
Ion Ratio Lower Upper
117 100
201 71.2 33.8 101.4

Manual Integrations
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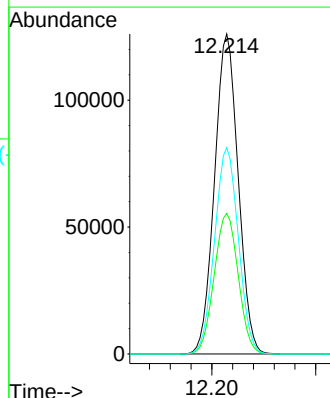
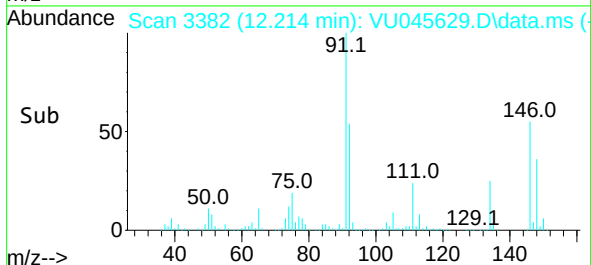
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021

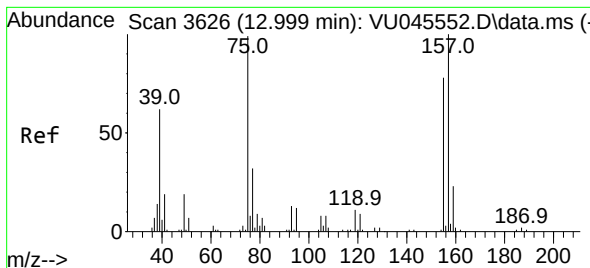


#91
1,2-Dichlorobenzene
Concen: 51.673 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32



Tgt Ion:146 Resp: 199346
Ion Ratio Lower Upper
146 100
111 44.6 21.9 65.5
148 65.0 32.1 96.3





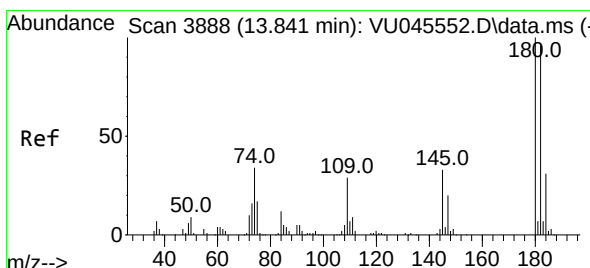
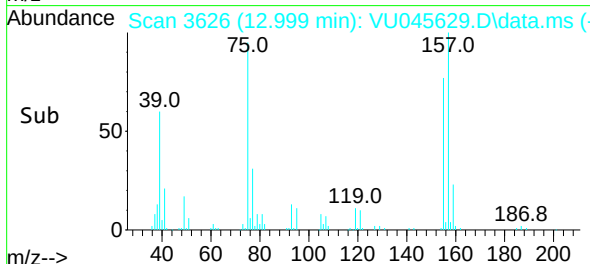
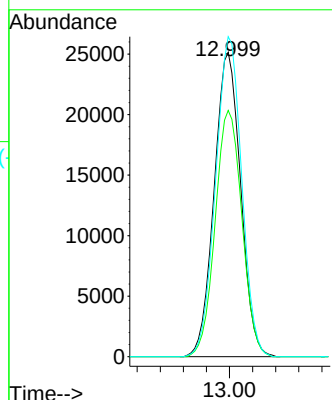
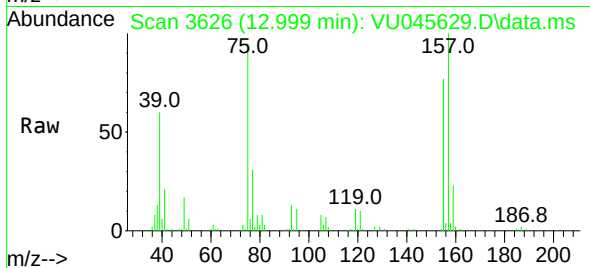
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.923 ug/l
 RT: 12.999 min Scan# 3626
 Delta R.T. 0.000 min
 Lab File: VU045629.D
 Acq: 08 Nov 2021 20:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 4004
 Ion Ratio Lower Upper
 75 100
 155 81.5 37.8 113.3
 157 103.5 48.4 145.2

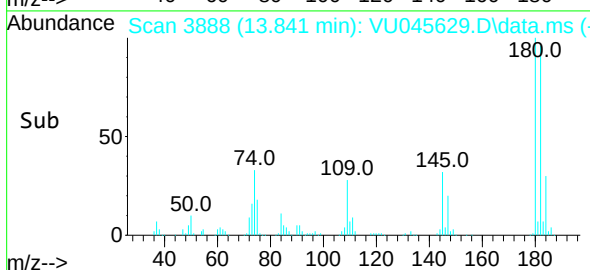
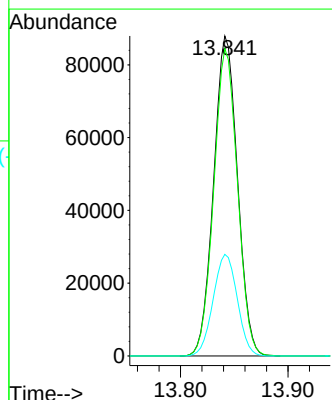
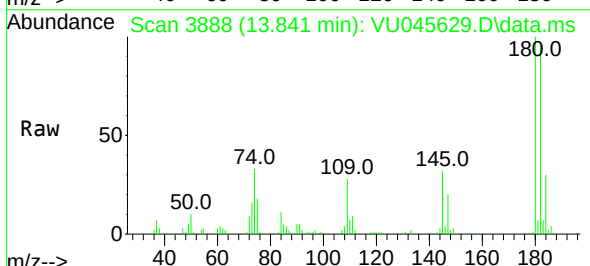
Manual Integrations
 APPROVED

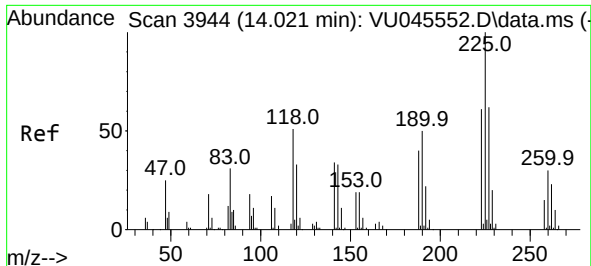
Reviewed By :John Carlone 11/09/2021
 Supervised By :Mahesh Dadoda 11/15/2021



#93
 1,2,4-Trichlorobenzene
 Concen: 50.724 ug/l
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU045629.D
 Acq: 08 Nov 2021 20:32

Tgt Ion:180 Resp: 135304
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.0 141.2
 145 32.1 15.6 46.7





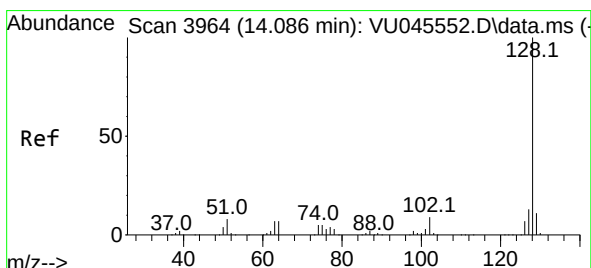
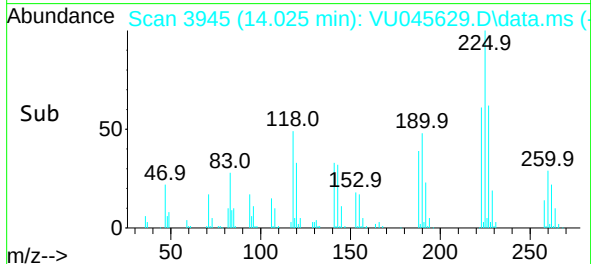
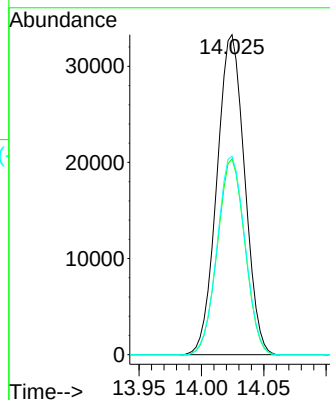
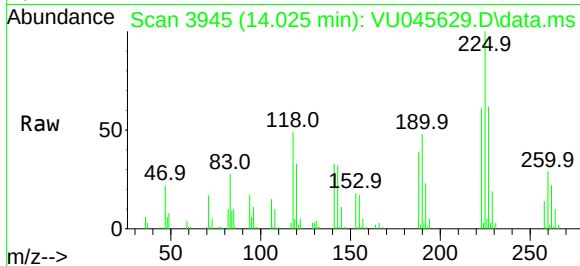
#94
Hexachlorobutadiene
Concen: 44.808 ug/l
RT: 14.025 min Scan# 3944
Delta R.T. 0.003 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:225 Resp: 5159
Ion Ratio Lower Upper
225 100
223 60.7 32.0 96.2
227 62.3 31.1 93.5

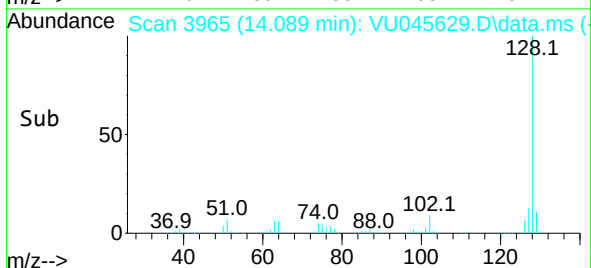
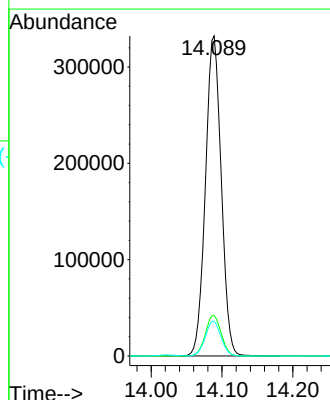
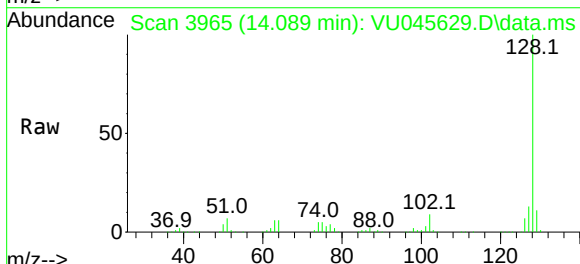
Manual Integrations
APPROVED

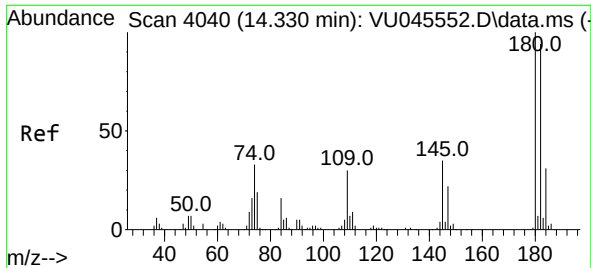
Reviewed By :John Carlone 11/09/2021
Supervised By :Mahesh Dadoda 11/15/2021



#95
Naphthalene
Concen: 51.153 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU045629.D
Acq: 08 Nov 2021 20:32

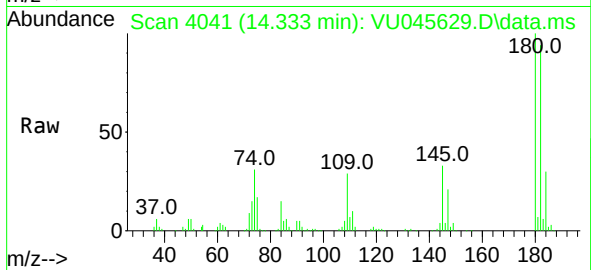
Tgt Ion:128 Resp: 513205
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 53.195 ug/l
 RT: 14.333 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VU045629.D
 Acq: 08 Nov 2021 20:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:180 Resp: 140939
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.7 143.1
 145 33.4 16.7 50.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/09/2021
 Supervised By :Mahesh Dadoda 11/15/2021

