

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044936.D
 Acq On : 28 Sep 2021 13:00
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU092821

Quant Time: Sep 28 15:52:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/29/2021
 Supervised By : Mahesh Dadoda 09/30/2021

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	157694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	278809	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	267304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	142740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	118784	45.251	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.500%		
35) Dibromofluoromethane	5.295	113	82003	46.624	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.240%		
50) Toluene-d8	7.903	98	330161	47.509	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.020%		
62) 4-Bromofluorobenzene	10.636	95	131918	45.979	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	100503	51.467	ug/l	98
3) Chloromethane	1.520	50	120154	47.503	ug/l	99
4) Vinyl Chloride	1.607	62	130047	51.492	ug/l	100
5) Bromomethane	1.832	94	52661	53.156	ug/l	98
6) Chloroethane	1.916	64	87788	45.247	ug/l	100
7) Trichlorofluoromethane	2.131	101	169927	50.948	ug/l	99
8) Diethyl Ether	2.379	74	77396	50.634	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.578	101	97729	51.522	ug/l	98
10) Methyl Iodide	2.723	142	95162	47.005	ug/l	99
11) Tert butyl alcohol	3.211	59	183253	243.237	ug/l	100
12) 1,1-Dichloroethene	2.578	96	96499	51.613	ug/l	96
13) Acrolein	2.488	56	32779	223.481	ug/l	99
14) Allyl chloride	2.925	41	178836	51.686	ug/l	95
15) Acrylonitrile	3.318	53	385821	253.927	ug/l	99
16) Acetone	2.630	43	406711	261.021	ug/l	100
17) Carbon Disulfide	2.793	76	278041	50.377	ug/l	99
18) Methyl Acetate	2.951	43	227989	50.063	ug/l	98
19) Methyl tert-butyl Ether	3.369	73	373977	51.816	ug/l	97
20) Methylene Chloride	3.047	84	116910	49.814	ug/l	96
21) trans-1,2-Dichloroethene	3.353	96	104404	51.047	ug/l	95
22) Diisopropyl ether	3.999	45	359272	50.859	ug/l	91
23) Vinyl Acetate	3.957	43	1511544	263.093	ug/l	98
24) 1,1-Dichloroethane	3.874	63	206124	50.829	ug/l	100
25) 2-Butanone	4.707	43	572803	258.745	ug/l	98
26) 2,2-Dichloropropane	4.671	77	178609	52.095	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	123629	51.179	ug/l	100
28) Bromochloromethane	4.977	49	77418	46.060	ug/l	95
29) Tetrahydrofuran	5.054	42	333720	253.238	ug/l	94
30) Chloroform	5.092	83	206127	50.432	ug/l	99
31) Cyclohexane	5.391	56	191945	48.138	ug/l	97
32) 1,1,1-Trichloroethane	5.321	97	171914	50.977	ug/l	99
36) 1,1-Dichloropropene	5.530	75	155058	53.181	ug/l	99
37) Ethyl Acetate	4.806	43	196282	50.879	ug/l	98
38) Carbon Tetrachloride	5.527	117	136371	54.051	ug/l	99
39) Methylcyclohexane	6.768	83	195289	54.560	ug/l	96
40) Benzene	5.777	78	452628	52.122	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	107177	53.966	ug/l	98
42) 1,2-Dichloroethane	5.797	62	178070	52.172	ug/l	99
43) Isopropyl Acetate	5.916	43	301454	51.940	ug/l	98
44) Trichloroethene	6.546	130	109817	53.636	ug/l	98
45) 1,2-Dichloropropane	6.793	63	119892	52.075	ug/l	98
46) Dibromomethane	6.922	93	82293	53.059	ug/l	99
47) Bromodichloromethane	7.108	83	161102	53.497	ug/l	100
48) Methyl methacrylate	6.964	41	148253	52.479	ug/l	96
49) 1,4-Dioxane	6.970	88	76062	1060.048	ug/l	96
51) 4-Methyl-2-Pentanone	7.797	43	1089164	257.775	ug/l	98
52) Toluene	7.973	92	287771	52.948	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	186988	54.299	ug/l	100
54) cis-1,3-Dichloropropene	7.610	75	197152	54.962	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	116708	51.536	ug/l	99
56) Ethyl methacrylate	8.337	69	212753	48.443	ug/l	98
57) 1,3-Dichloropropane	8.578	76	209550	51.849	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	298902	215.941	ug/l	98
59) 2-Hexanone	8.690	43	917885	266.767	ug/l	98
60) Dibromochloromethane	8.816	129	114845	47.924	ug/l	99
61) 1,2-Dibromoethane	8.928	107	126129	52.397	ug/l	100
64) Tetrachloroethene	8.555	164	93840	53.788	ug/l	99
65) Chlorobenzene	9.449	112	293593	52.388	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.539	131	102728	52.503	ug/l	98
67) Ethyl Benzene	9.575	91	557197	54.030	ug/l	99
68) m/p-Xylenes	9.697	106	434661	108.489	ug/l	99
69) o-Xylene	10.105	106	213644	53.729	ug/l	99
70) Styrene	10.118	104	368407	55.227	ug/l	99
71) Bromoform	10.295	173	89628	47.831	ug/l #	99
73) Isopropylbenzene	10.488	105	556536	52.357	ug/l	100
74) N-amyl acetate	10.324	43	289604	54.109	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	232762	50.608	ug/l	100
76) 1,2,3-Trichloropropane	10.829	75	205522m	49.363	ug/l	
77) Bromobenzene	10.787	156	129139	50.312	ug/l	100
78) n-propylbenzene	10.909	91	694014	53.577	ug/l	100
79) 2-Chlorotoluene	10.989	91	412695	50.827	ug/l	100
80) 1,3,5-Trimethylbenzene	11.092	105	495231	53.182	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	77783	51.846	ug/l	99
82) 4-Chlorotoluene	11.099	91	480048	52.305	ug/l	100
83) tert-Butylbenzene	11.423	119	467546	51.620	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	497902	54.046	ug/l	99
85) sec-Butylbenzene	11.648	105	621212	53.258	ug/l	99
86) p-Isopropyltoluene	11.796	119	516969	55.098	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	256456	52.174	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	259530	51.613	ug/l	99
89) n-Butylbenzene	12.211	91	487926	56.460	ug/l	100
90) Hexachloroethane	12.481	117	86566	51.092	ug/l	96
91) 1,2-Dichlorobenzene	12.214	146	262609	52.263	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	58834	54.214	ug/l	100
93) 1,2,4-Trichlorobenzene	13.844	180	160173	57.200	ug/l	99
94) Hexachlorobutadiene	14.025	225	64070	54.810	ug/l	98
95) Naphthalene	14.089	128	590029	56.023	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	157630	56.051	ug/l	99

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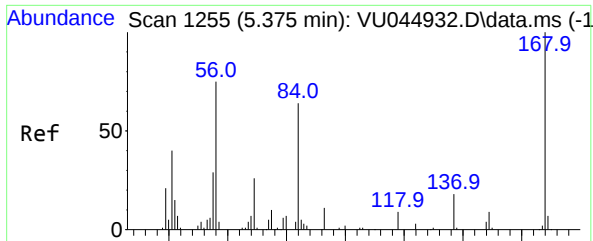
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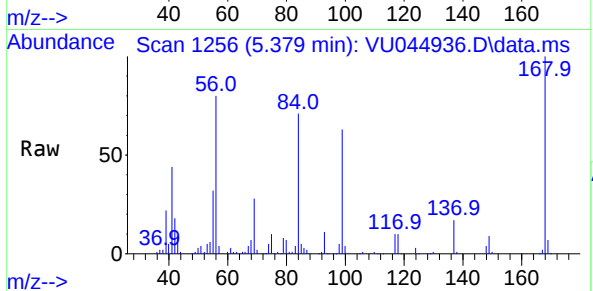
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

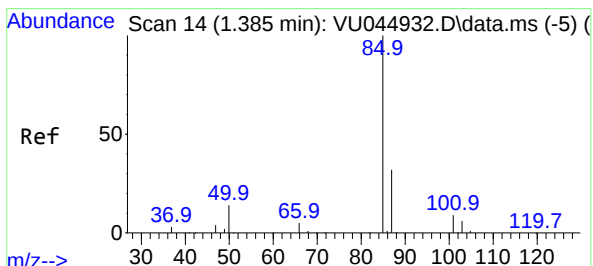
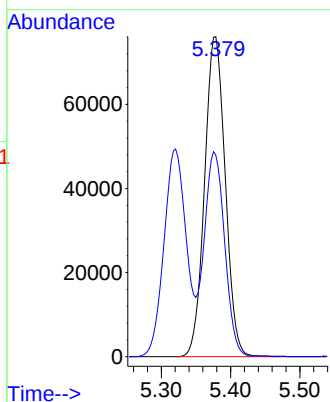
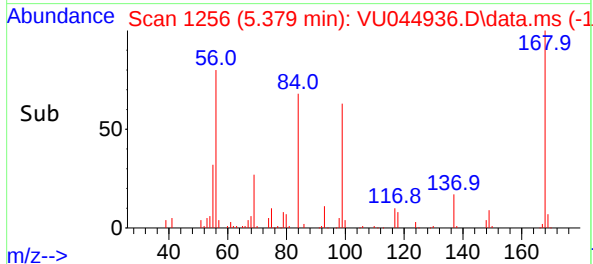
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ClientSampleId :
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Tgt Ion:168 Resp: 157694
Ion Ratio Lower Upper
168 100
99 63.0 51.4 77.0

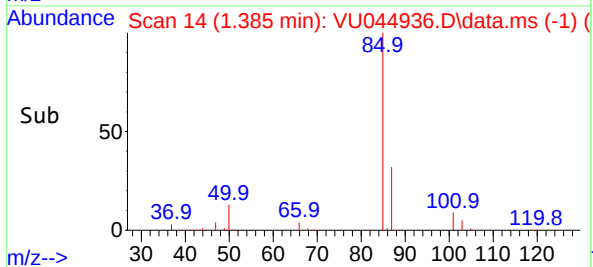
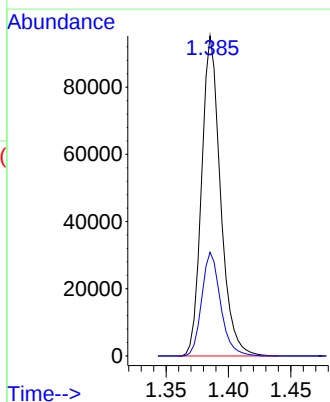
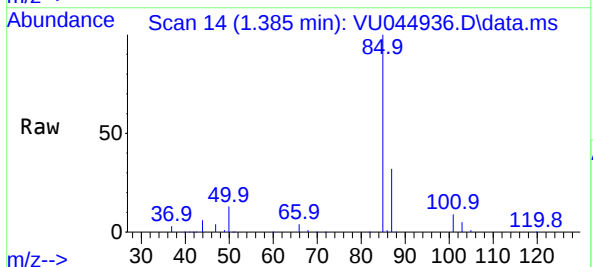
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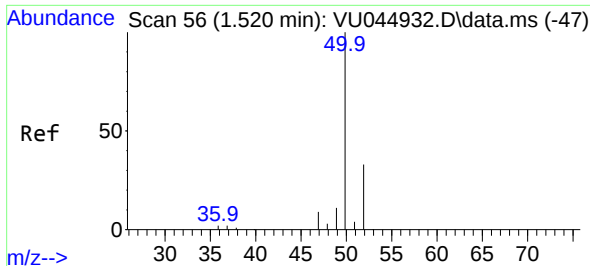
Reviewed By :John Carlone 09/29/2021
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#2
Dichlorodifluoromethane
Concen: 51.467 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

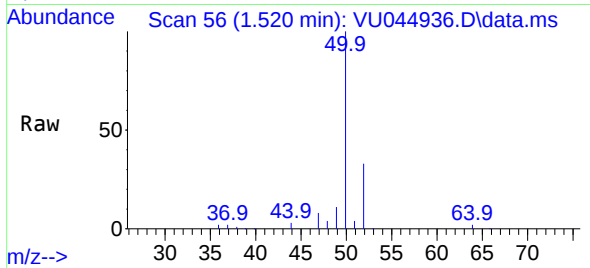
Tgt Ion: 85 Resp: 100503
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.0





#3
Chloromethane
Concen: 47.503 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

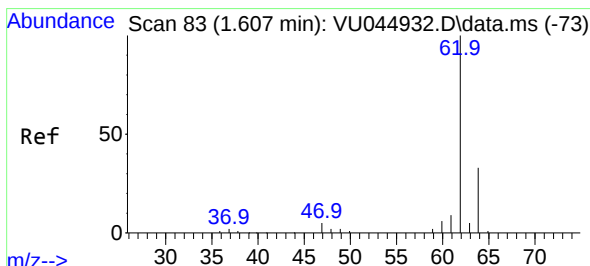
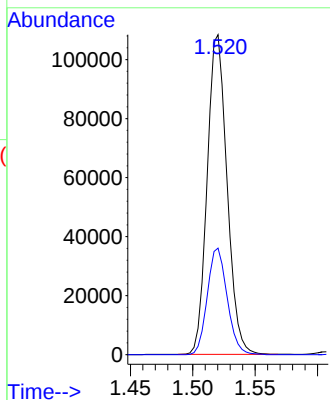
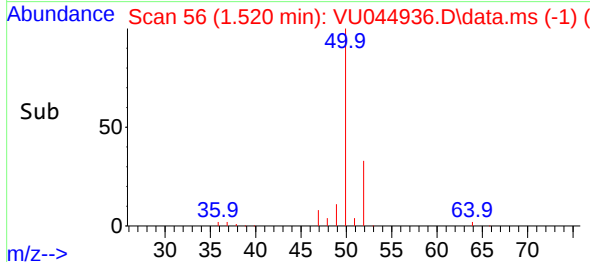
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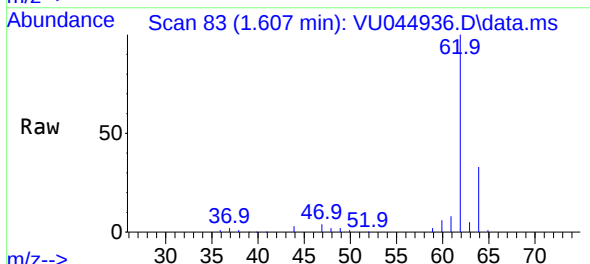
Tgt Ion: 50 Resp: 120154
Ion Ratio Lower Upper
50 100
52 33.4 26.3 39.5

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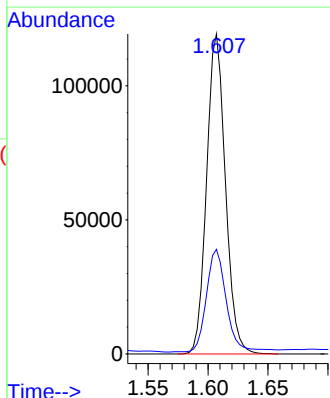
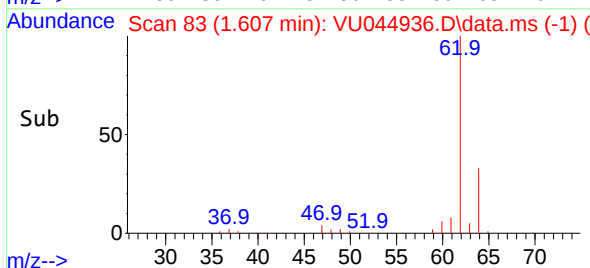
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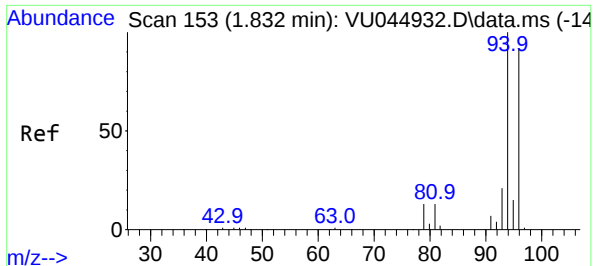


#4
Vinyl Chloride
Concen: 51.492 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00



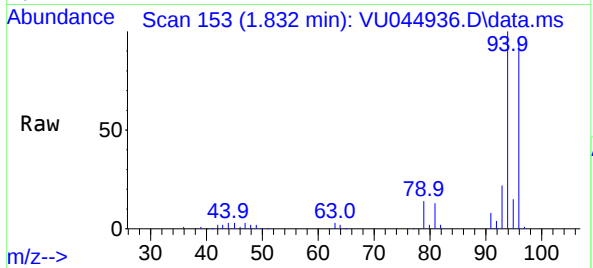
Tgt Ion: 62 Resp: 130047
Ion Ratio Lower Upper
62 100
64 32.0 25.6 38.4





#5
Bromomethane
Concen: 53.156 ug/l
RT: 1.832 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

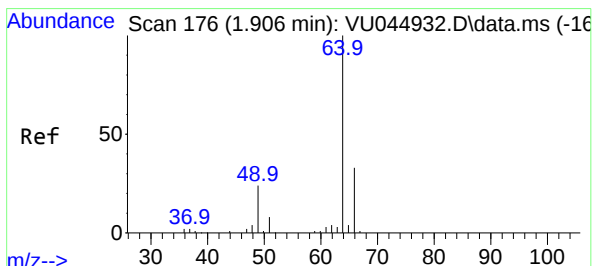
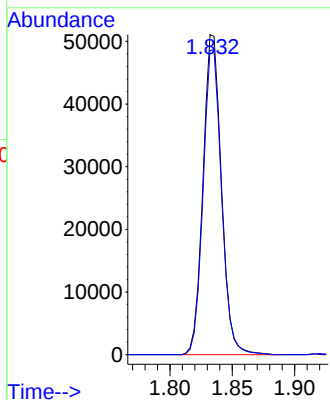
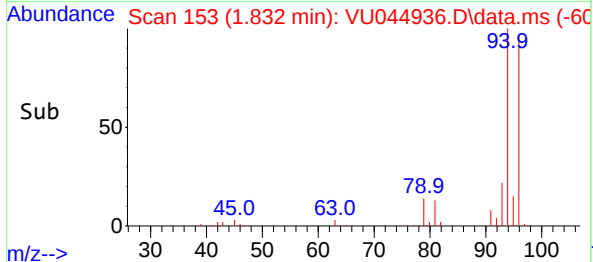
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Tgt Ion: 94 Resp: 5266
Ion Ratio Lower Upper
94 100
96 95.1 74.5 111.7

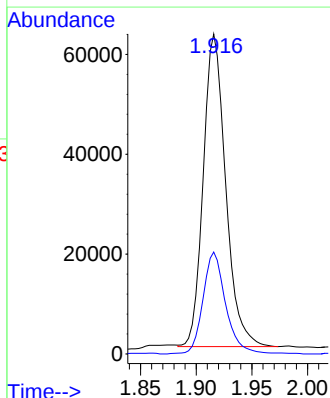
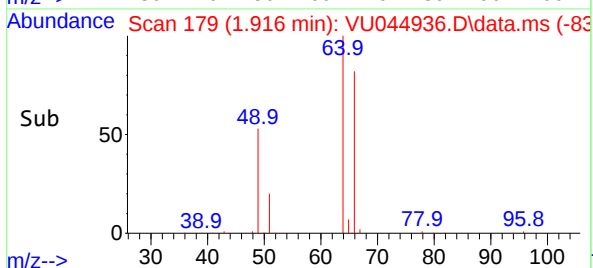
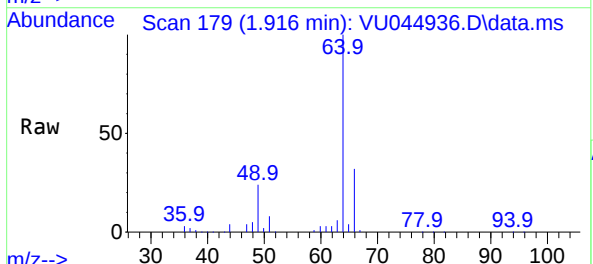
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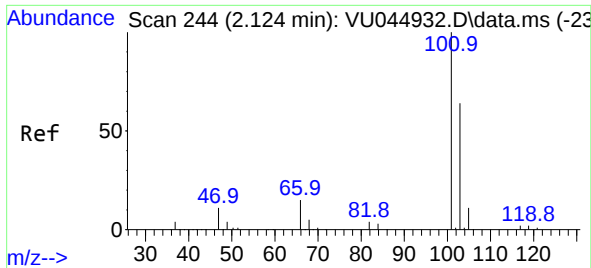
Reviewed By :John Carlone 09/29/2021
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#6
Chloroethane
Concen: 45.247 ug/l
RT: 1.916 min Scan# 179
Delta R.T. 0.010 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

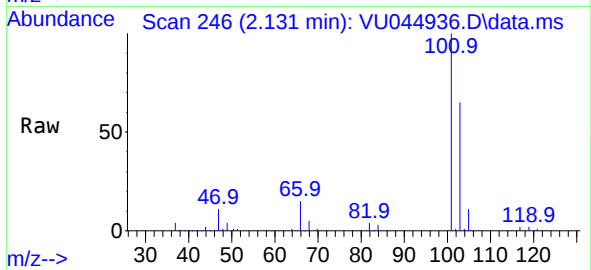
Tgt Ion: 64 Resp: 87788
Ion Ratio Lower Upper
64 100
66 32.4 25.8 38.8





#7
Trichlorofluoromethane
Concen: 50.948 ug/l
RT: 2.131 min Scan# 244
Delta R.T. 0.007 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

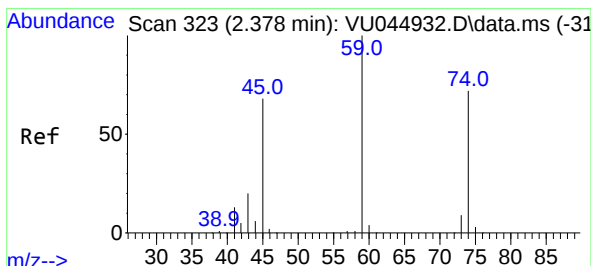
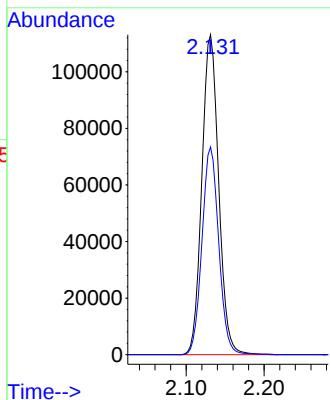
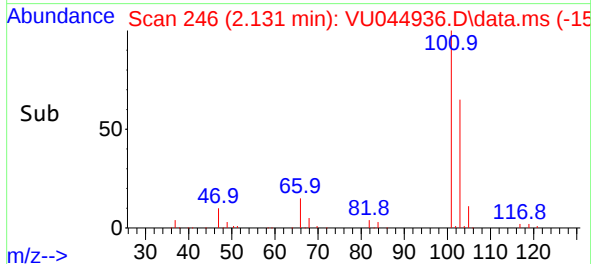
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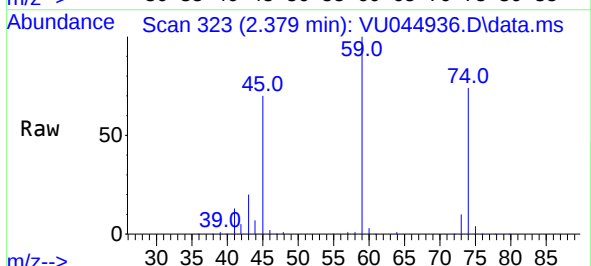
Tgt Ion:101 Resp: 16992
Ion Ratio Lower Upper
101 100
103 64.9 51.2 76.8

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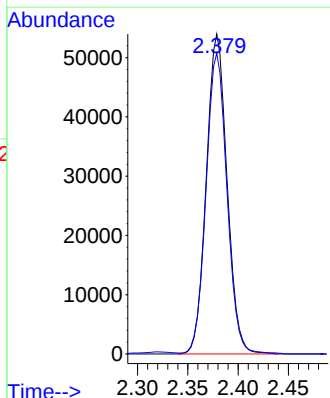
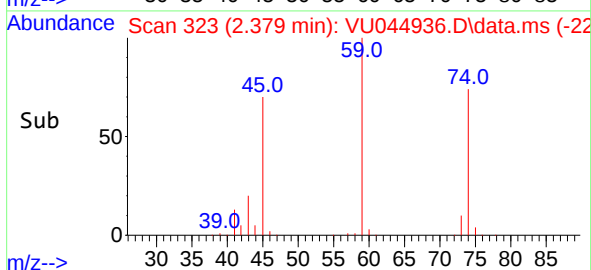
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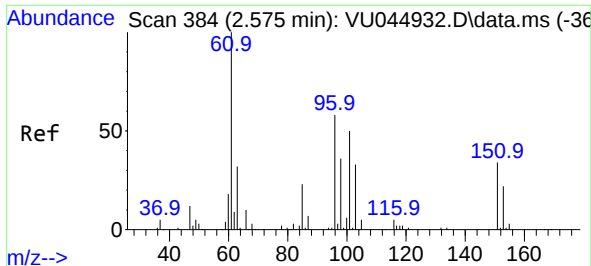


#8
Diethyl Ether
Concen: 50.634 ug/l
RT: 2.379 min Scan# 323
Delta R.T. 0.001 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00



Tgt Ion: 74 Resp: 77396
Ion Ratio Lower Upper
74 100
45 94.9 52.2 156.6





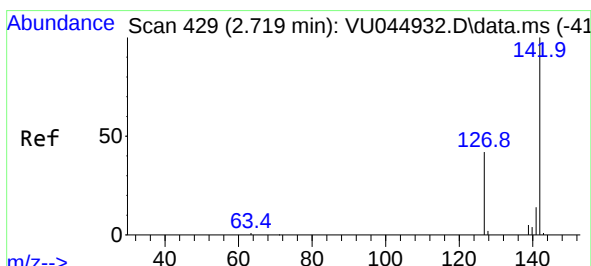
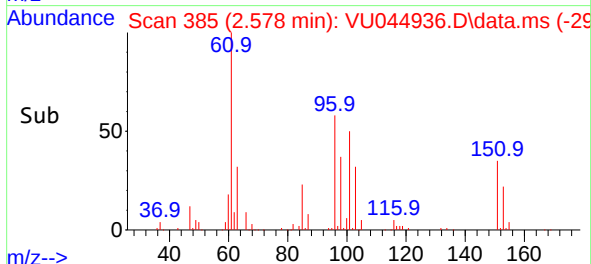
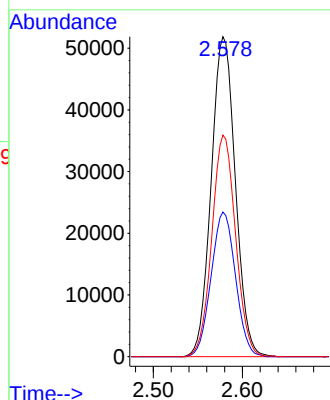
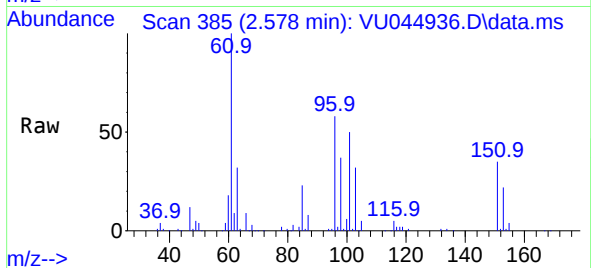
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.522 ug/l
RT: 2.578 min Scan# 384
Delta R.T. 0.003 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821

Tgt Ion:101 Resp: 97729
Ion Ratio Lower Upper
101 100
85 45.6 37.2 55.8
151 68.2 55.8 83.8

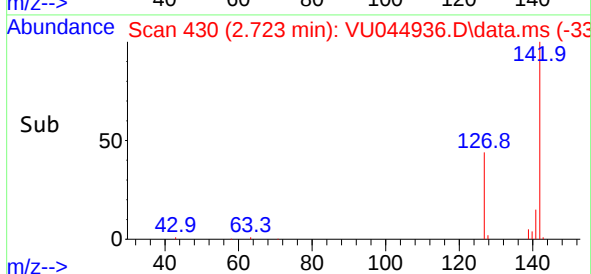
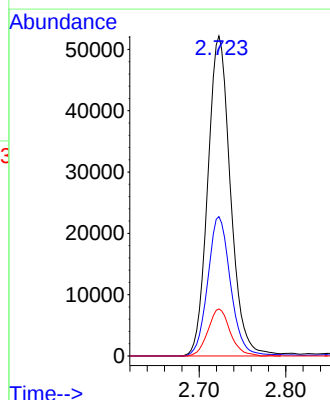
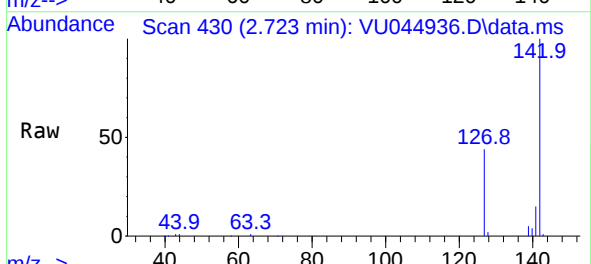
Manual Integrations
APPROVED

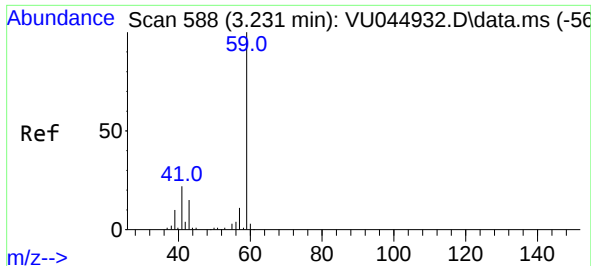
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#10
Methyl Iodide
Concen: 47.005 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.004 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

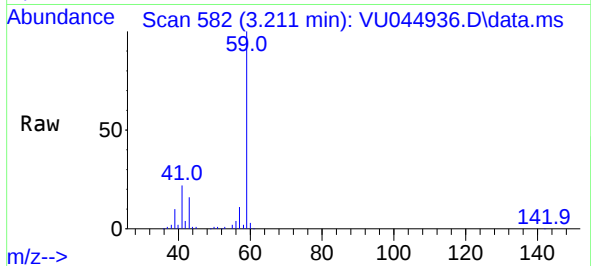
Tgt Ion:142 Resp: 95162
Ion Ratio Lower Upper
142 100
127 43.9 35.6 53.4
141 14.4 11.3 16.9





#11
Tert butyl alcohol
Concen: 243.237 ug/l
RT: 3.211 min Scan# 51
Delta R.T. -0.020 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

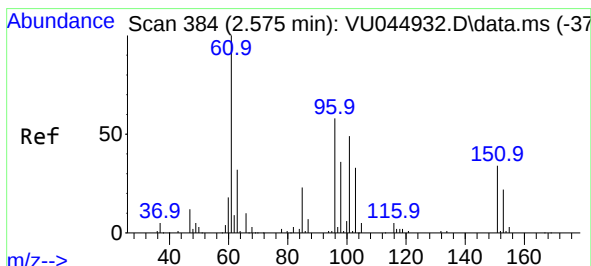
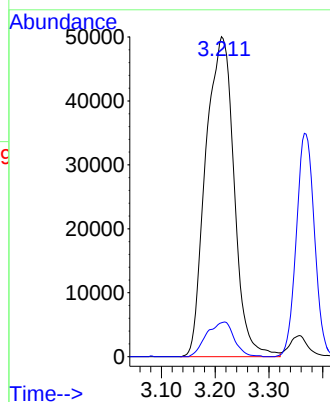
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821



Tgt Ion: 59 Resp: 18325
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

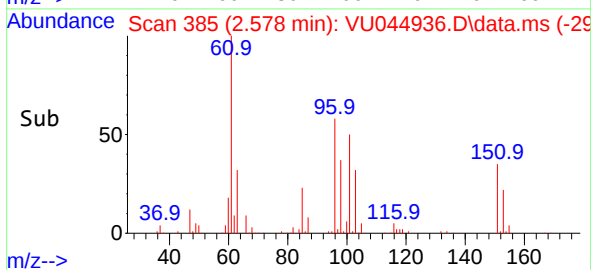
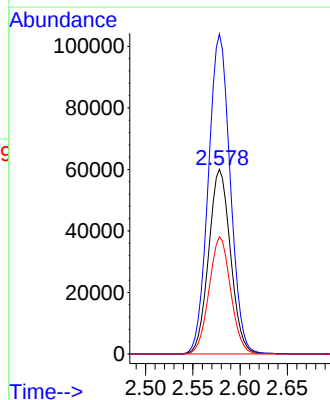
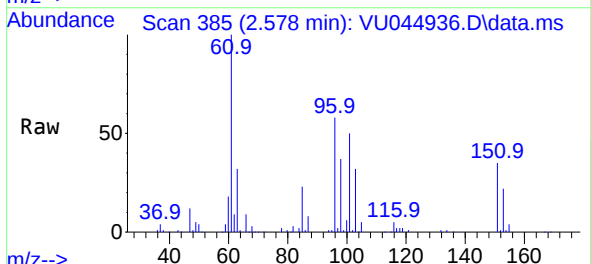
Manual Integrations
APPROVED

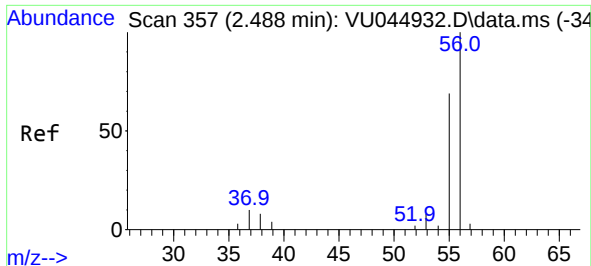
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#12
1,1-Dichloroethene
Concen: 51.613 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

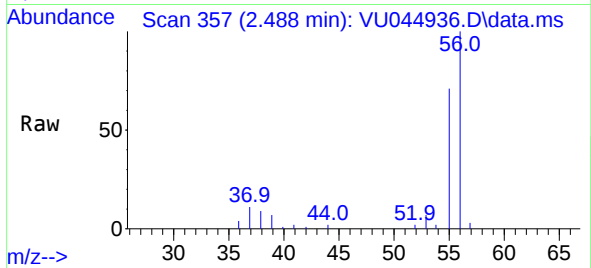
Tgt Ion: 96 Resp: 96499
Ion Ratio Lower Upper
96 100
61 173.3 145.4 218.0
98 63.4 50.9 76.3





#13
Acrolein
Concen: 223.481 ug/l
RT: 2.488 min Scan# 357
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

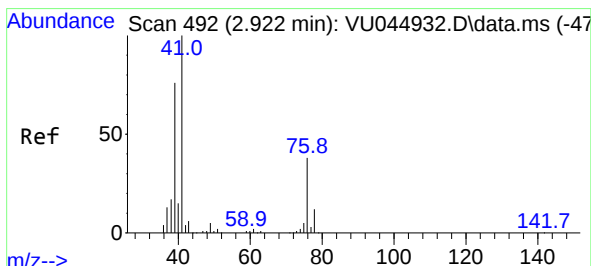
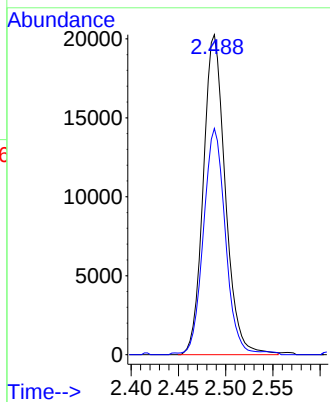
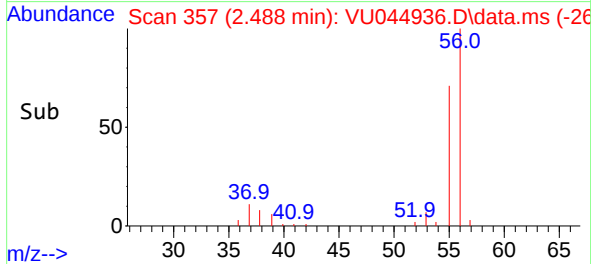
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821



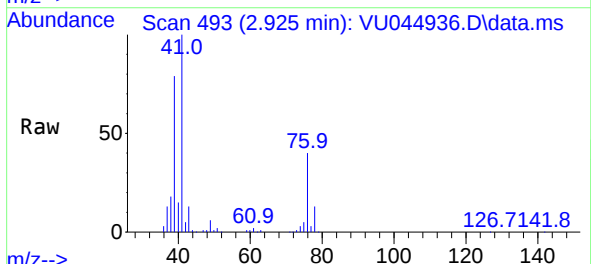
Tgt Ion: 56 Resp: 32779
Ion Ratio Lower Upper
56 100
55 70.5 57.4 86.0

Manual Integrations
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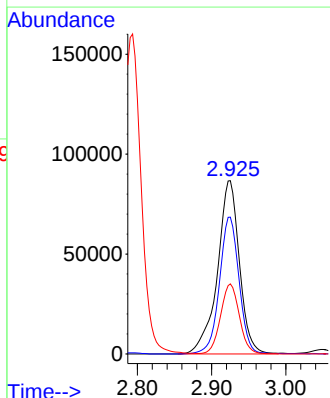
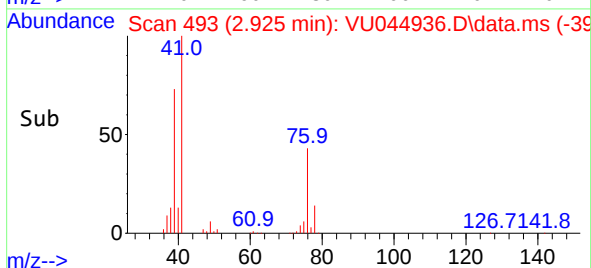
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

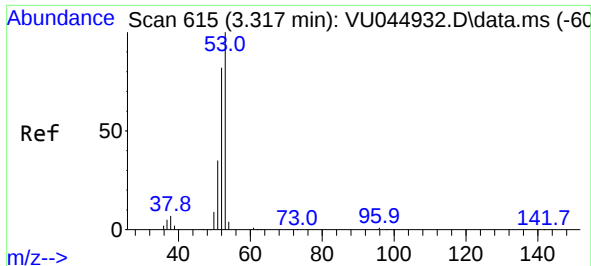


#14
Allyl chloride
Concen: 51.686 ug/l
RT: 2.925 min Scan# 493
Delta R.T. 0.003 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00



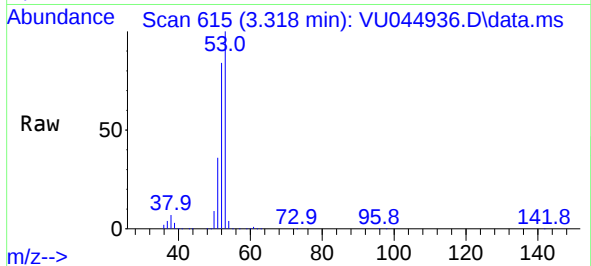
Tgt Ion: 41 Resp: 178836
Ion Ratio Lower Upper
41 100
39 70.4 53.0 79.6
76 34.6 25.7 38.5





#15
Acrylonitrile
Concen: 253.927 ug/l
RT: 3.318 min Scan# 615
Delta R.T. 0.001 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

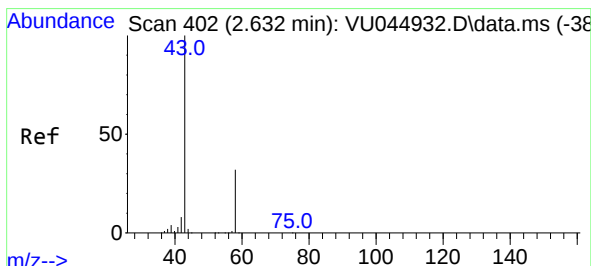
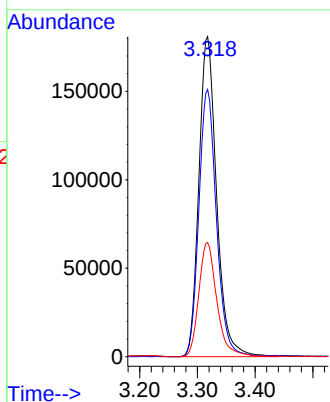
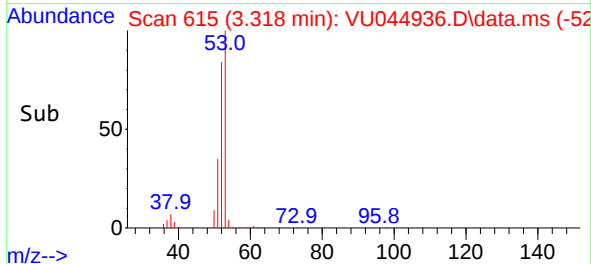
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821



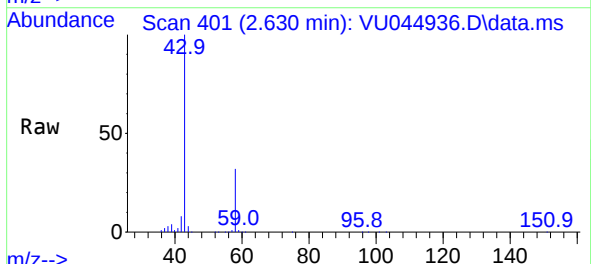
Tgt Ion: 53 Resp: 38582
Ion Ratio Lower Upper
53 100
52 82.9 66.0 99.0
51 36.4 28.6 42.8

Manual Integrations
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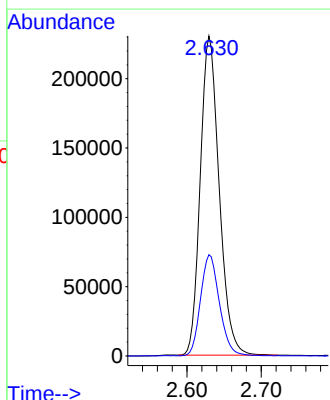
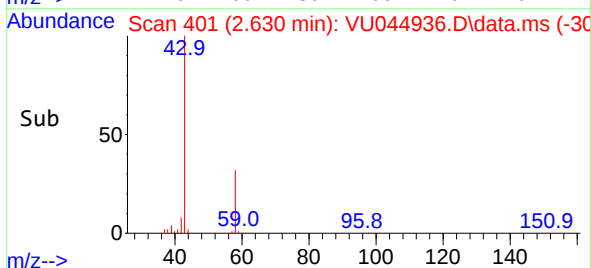
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

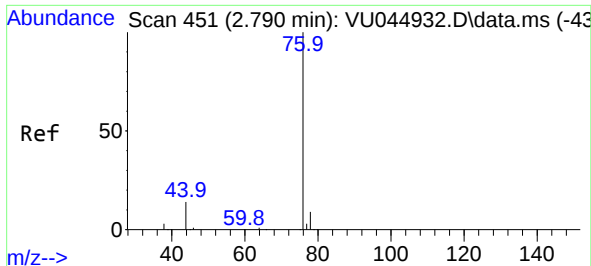


#16
Acetone
Concen: 261.021 ug/l
RT: 2.630 min Scan# 401
Delta R.T. -0.002 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00



Tgt Ion: 43 Resp: 406711
Ion Ratio Lower Upper
43 100
58 31.7 25.2 37.8





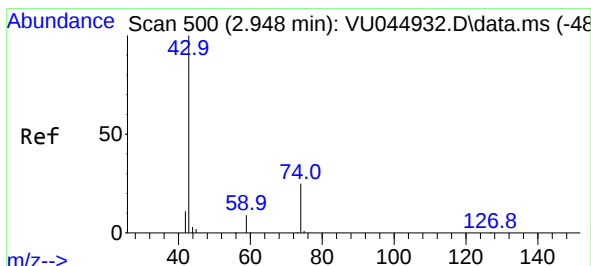
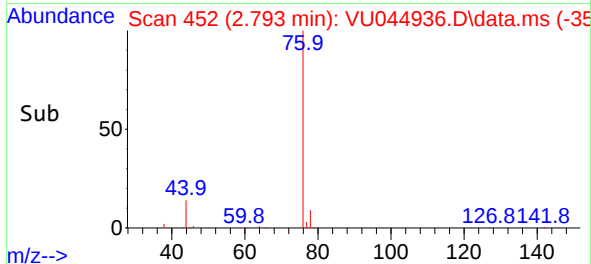
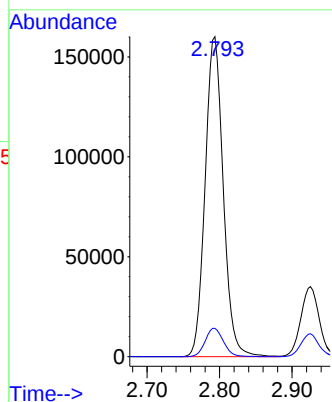
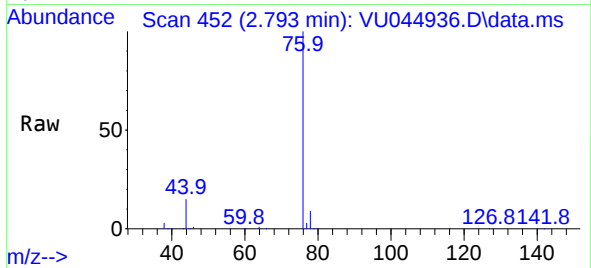
#17
Carbon Disulfide
Concen: 50.377 ug/l
RT: 2.793 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821

Tgt Ion: 76 Resp: 27804
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

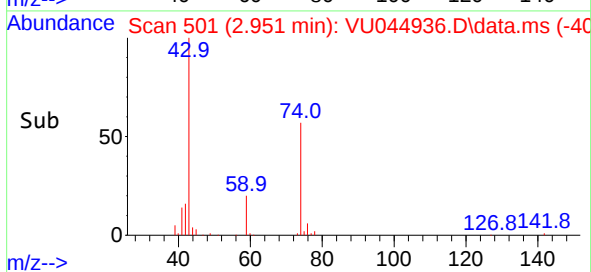
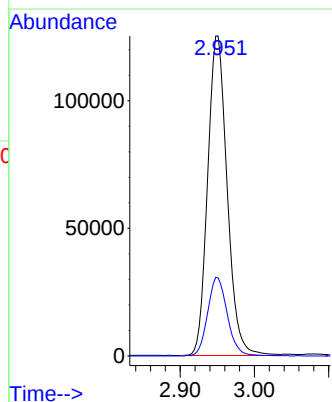
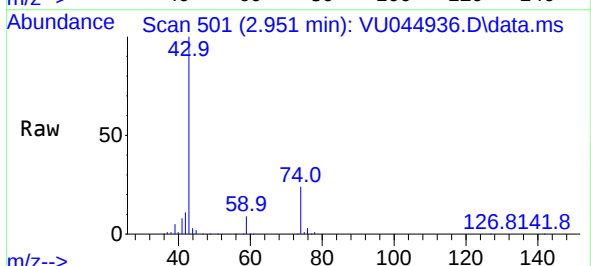
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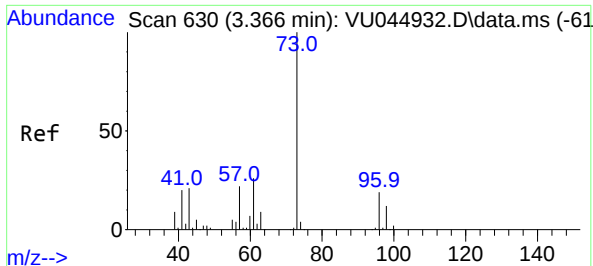
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#18
Methyl Acetate
Concen: 50.063 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

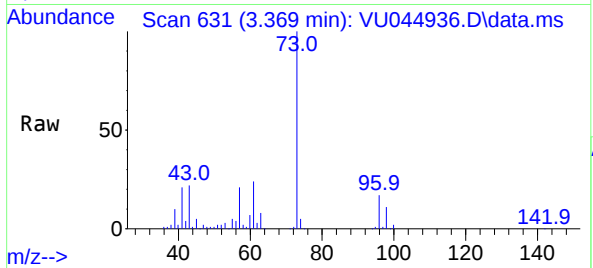
Tgt Ion: 43 Resp: 227989
Ion Ratio Lower Upper
43 100
74 24.8 19.0 28.6





#19
Methyl tert-butyl Ether
Concen: 51.816 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

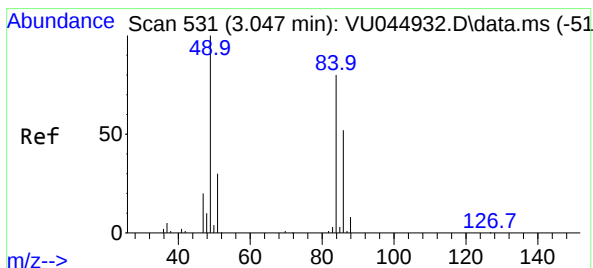
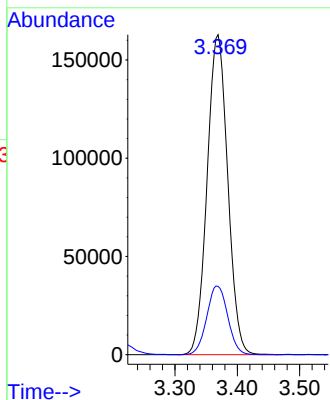
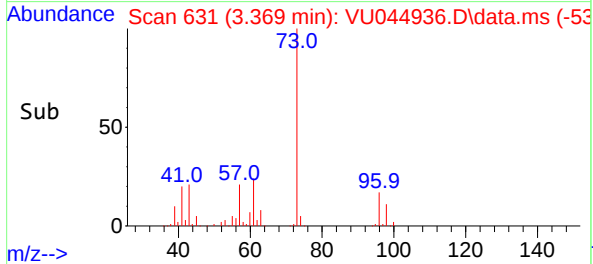
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821



Tgt Ion: 73 Resp: 37397
Ion Ratio Lower Upper
73 100
57 21.4 18.2 27.2

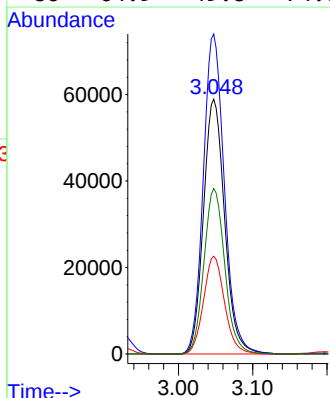
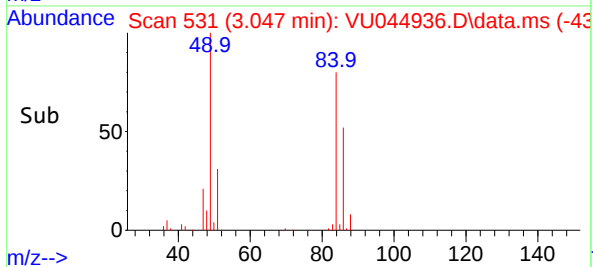
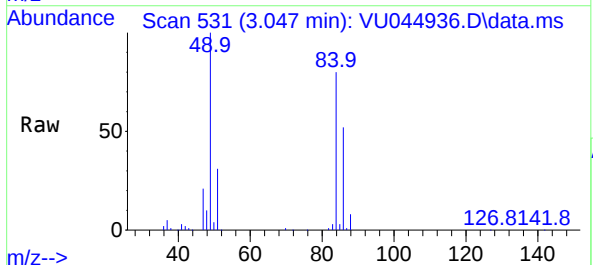
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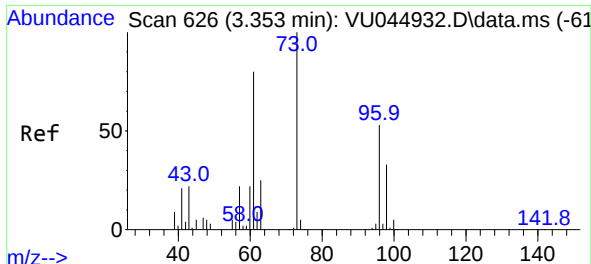
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#20
Methylene Chloride
Concen: 49.814 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Tgt Ion: 84 Resp: 116910
Ion Ratio Lower Upper
84 100
49 125.6 104.9 157.3
51 38.3 31.8 47.8
86 64.9 49.8 74.6





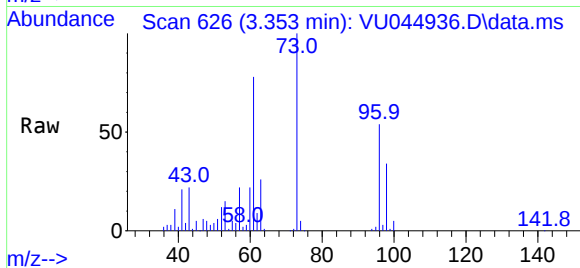
#21
trans-1,2-Dichloroethene
Concen: 51.047 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Instrument :

MSVOA_U

ClientSampleId :

ICVVU092821

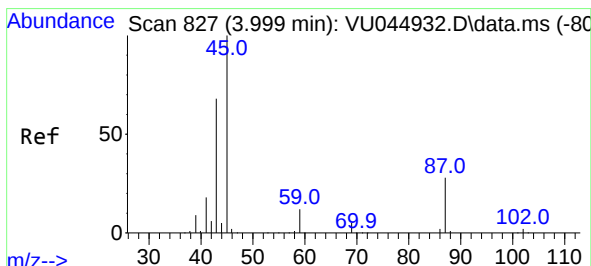
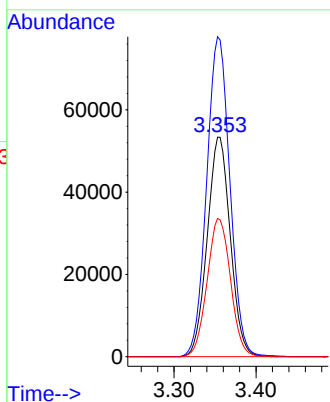
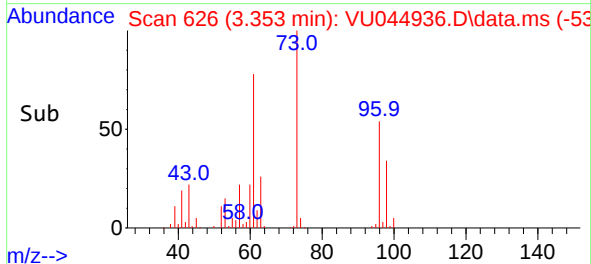


Tgt Ion: 96 Resp: 104404
Ion Ratio Lower Upper
96 100
61 145.8 123.2 184.8
98 63.0 51.0 76.6

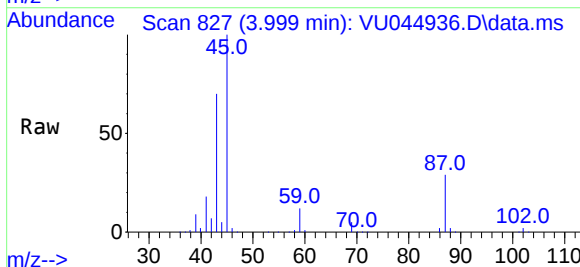
Manual Integrations

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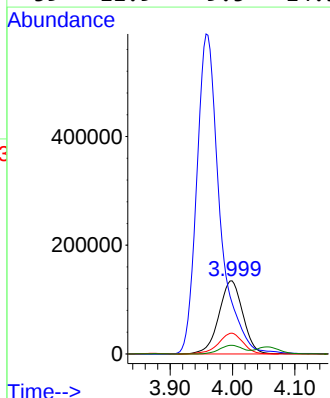
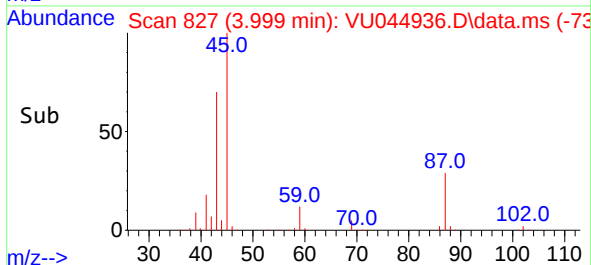
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

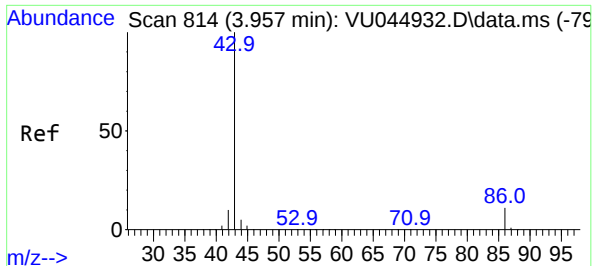


#22
Diisopropyl ether
Concen: 50.859 ug/l
RT: 3.999 min Scan# 827
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00



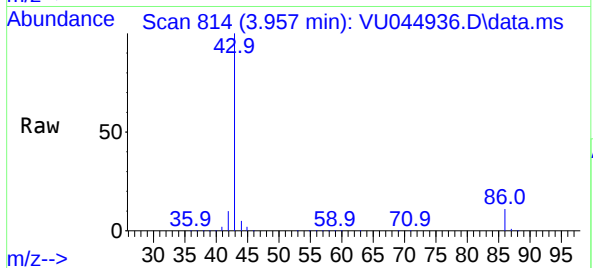
Tgt Ion: 45 Resp: 359272
Ion Ratio Lower Upper
45 100
43 68.1 62.3 93.5
87 28.5 21.0 31.4
59 11.9 9.5 14.3





#23
 Vinyl Acetate
 Concen: 263.093 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU044936.D
 Acq: 28 Sep 2021 13:00

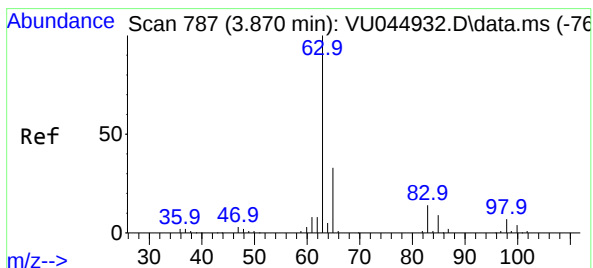
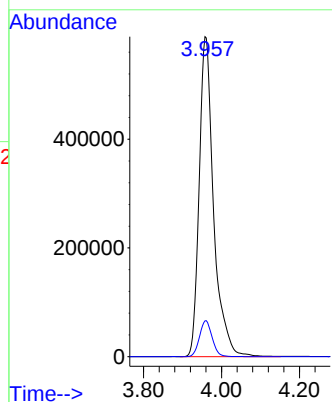
Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU092821



Tgt Ion: 43 Resp: 1511544
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.2 12.4

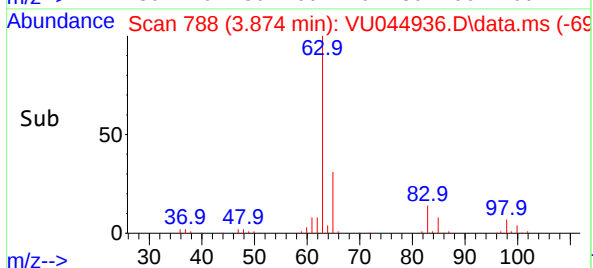
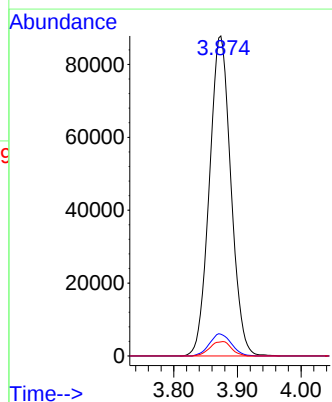
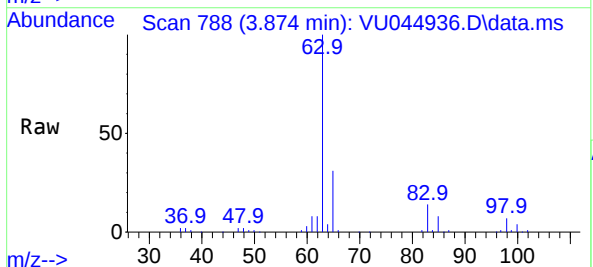
Manual Integrations
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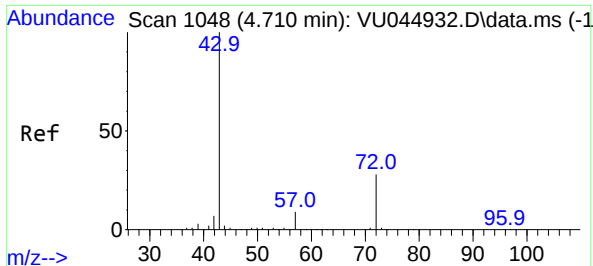
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021



#24
 1,1-Dichloroethane
 Concen: 50.829 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.004 min
 Lab File: VU044936.D
 Acq: 28 Sep 2021 13:00

Tgt Ion: 63 Resp: 206124
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.4 2.1 6.3





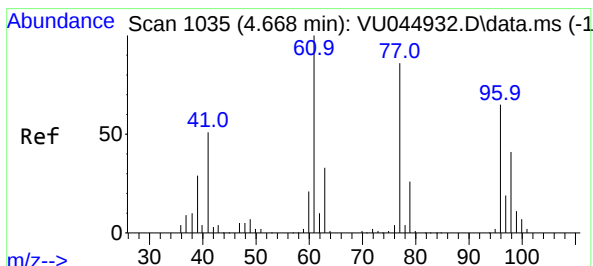
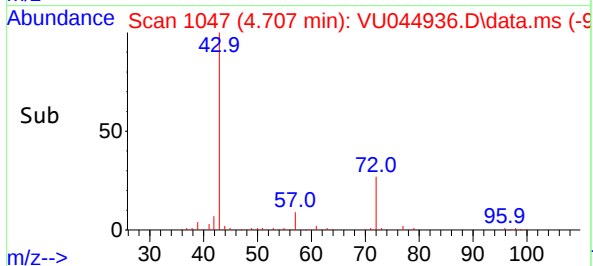
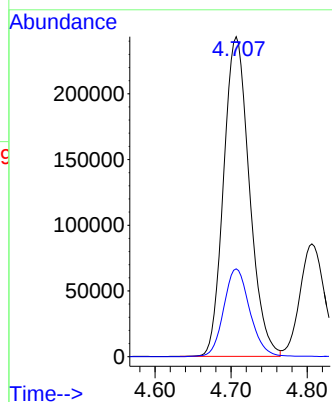
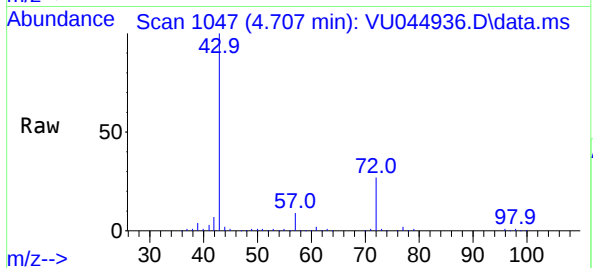
#25
2-Butanone
Concen: 258.745 ug/l
RT: 4.707 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821

Tgt Ion: 43 Resp: 57280
Ion Ratio Lower Upper
43 100
72 27.5 21.3 31.9

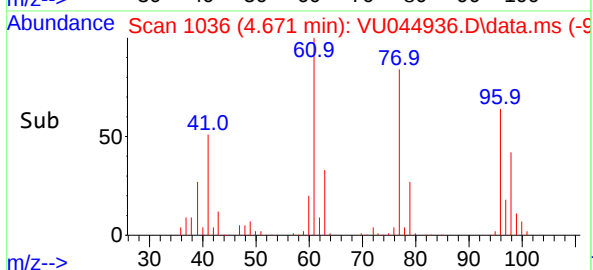
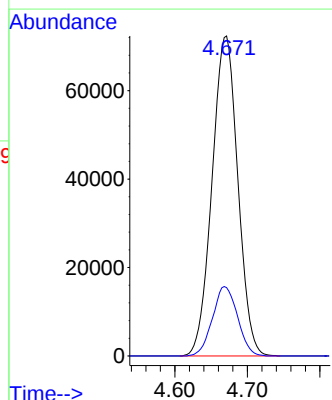
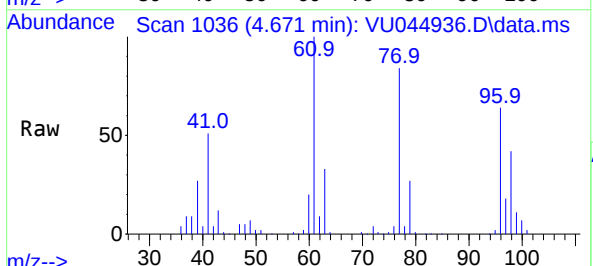
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#26
2,2-Dichloropropane
Concen: 52.095 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Tgt Ion: 77 Resp: 178609
Ion Ratio Lower Upper
77 100
97 21.1 10.8 32.4





#27
 cis-1,2-Dichloroethene
 Concen: 51.179 ug/l
 RT: 4.671 min Scan# 1035
 Delta R.T. 0.003 min
 Lab File: VU044936.D
 Acq: 28 Sep 2021 13:00

Instrument :

MSVOA_U

ClientSampleId :

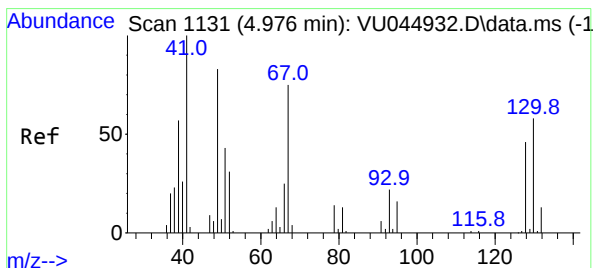
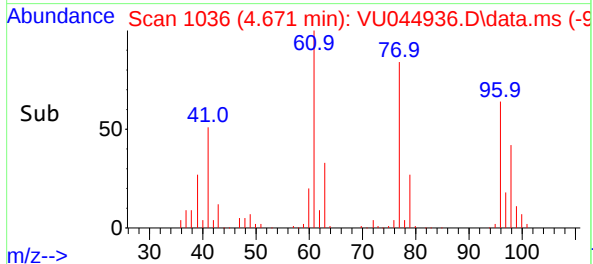
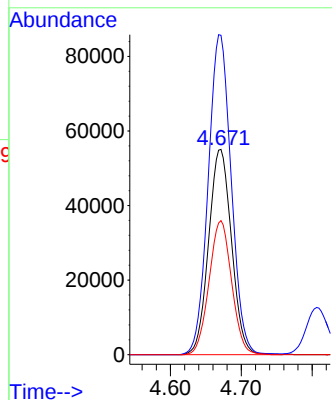
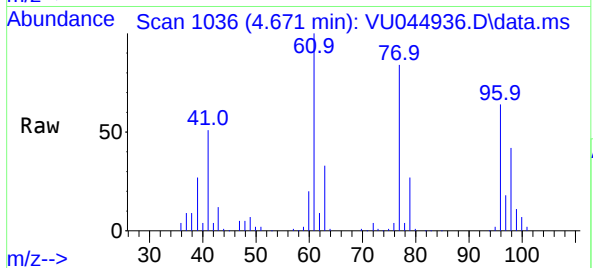
ICVVU092821

Tgt Ion: 96 Resp: 123629
 Ion Ratio Lower Upper
 96 100
 61 156.3 0.0 313.4
 98 64.2 0.0 127.0

Manual Integrations

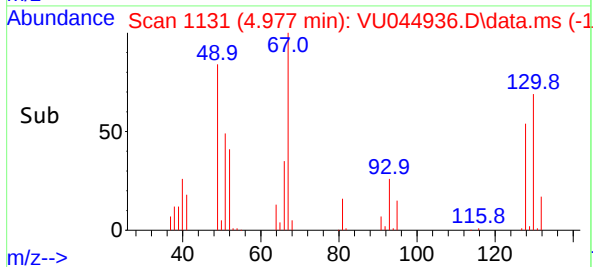
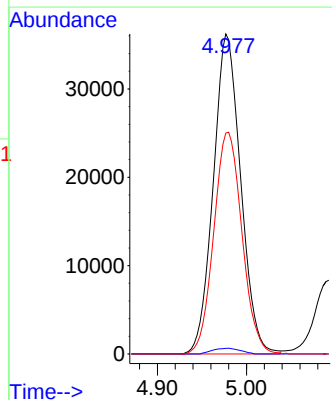
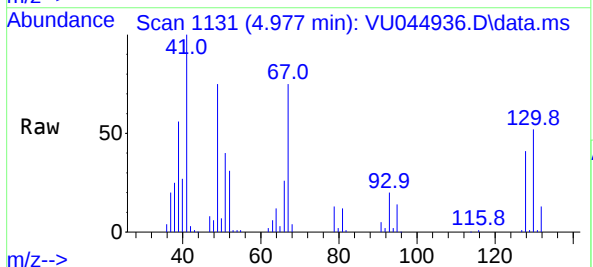
APPROVED

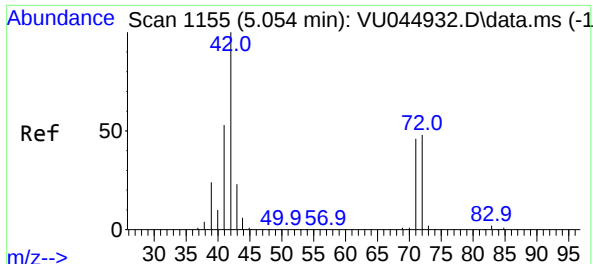
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021



#28
 Bromochloromethane
 Concen: 46.060 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.001 min
 Lab File: VU044936.D
 Acq: 28 Sep 2021 13:00

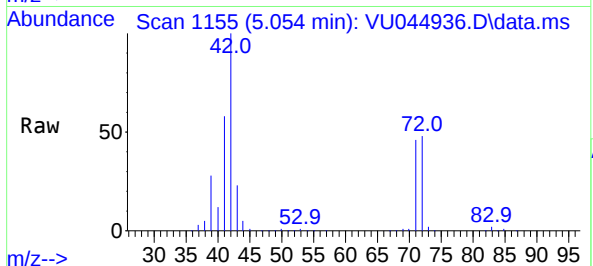
Tgt Ion: 49 Resp: 77418
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.2
 130 71.3 53.4 80.2





#29
Tetrahydrofuran
Concen: 253.238 ug/l
RT: 5.054 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

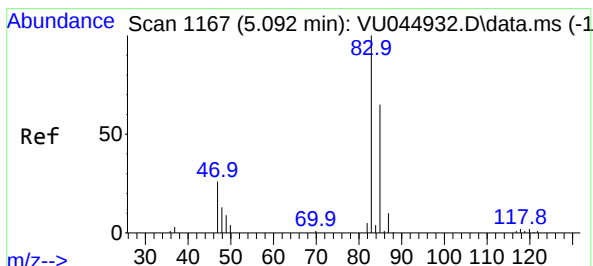
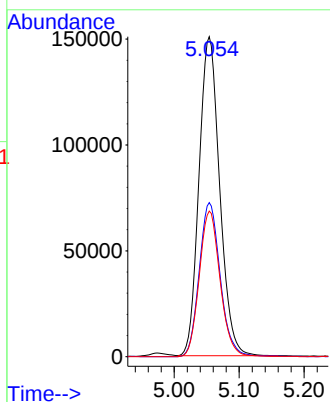
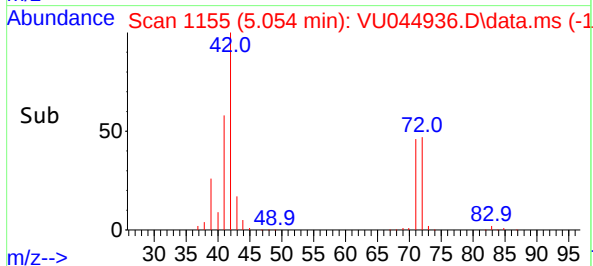
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821



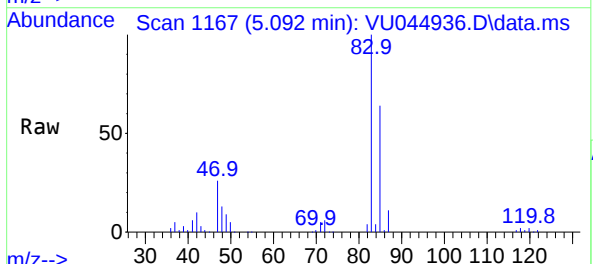
Tgt Ion: 42 Resp: 333720
Ion Ratio Lower Upper
42 100
72 49.1 36.2 54.4
71 46.0 34.1 51.1

Manual Integrations
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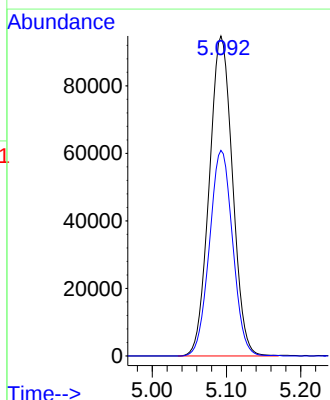
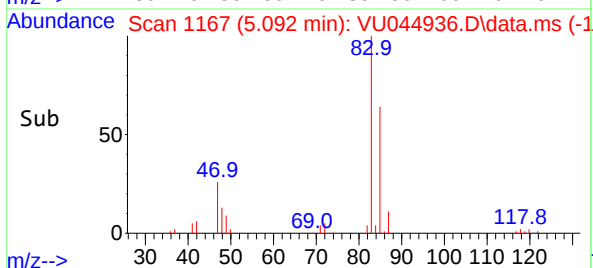
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

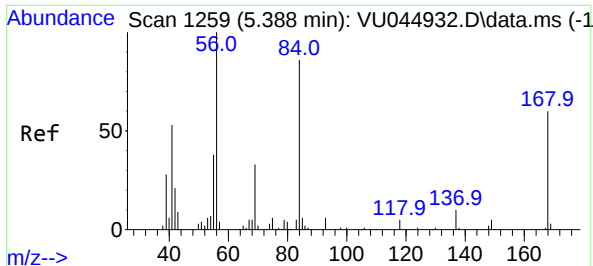


#30
Chloroform
Concen: 50.432 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00



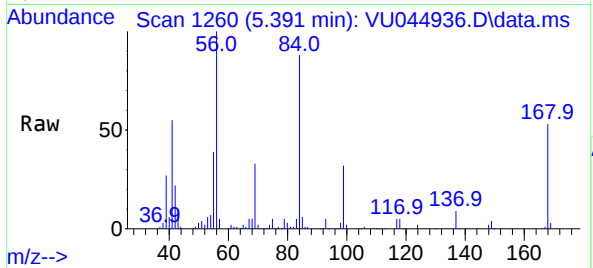
Tgt Ion: 83 Resp: 206127
Ion Ratio Lower Upper
83 100
85 64.3 52.1 78.1





#31
Cyclohexane
Concen: 48.138 ug/l
RT: 5.391 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

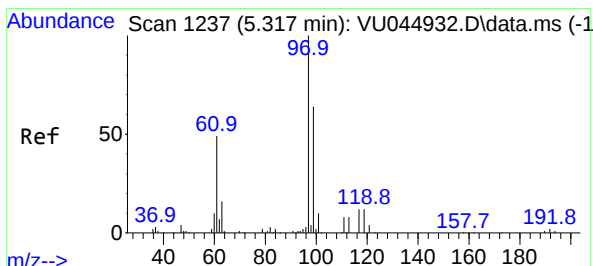
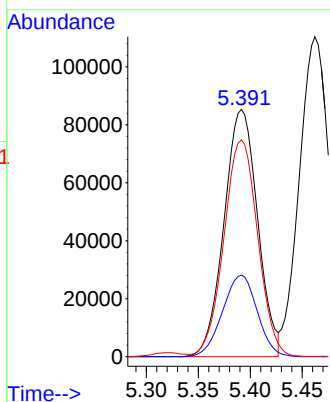
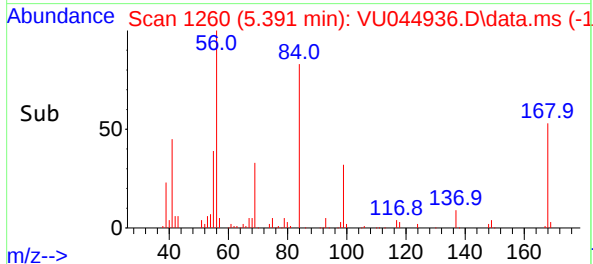
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821



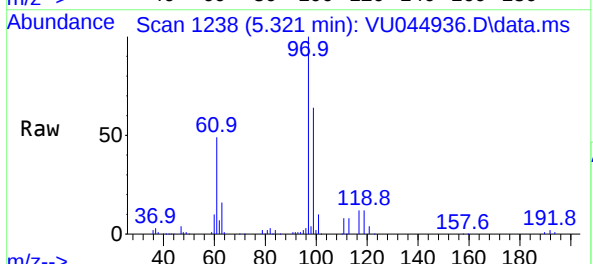
Tgt Ion: 56 Resp: 19194
Ion Ratio Lower Upper
56 100
69 33.0 25.2 37.8
84 86.4 66.4 99.6

Manual Integrations
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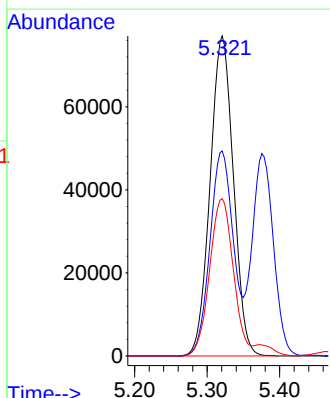
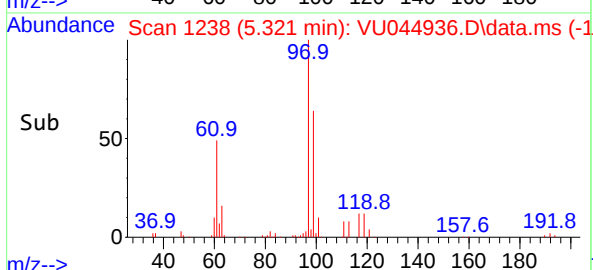
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#32
1,1,1-Trichloroethane
Concen: 50.977 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.004 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00



Tgt Ion: 97 Resp: 171914
Ion Ratio Lower Upper
97 100
99 64.8 50.9 76.3
61 50.2 40.7 61.1





#33

1,2-Dichloroethane-d4

Concen: 45.251 ug/l

RT: 5.707 min Scan# 11

Delta R.T. 0.001 min

Lab File: VU044936.D

Acq: 28 Sep 2021 13:00

Instrument :

MSVOA_U

ClientSampleId :

ICVVU092821

Tgt Ion: 65 Resp: 118784

Ion Ratio Lower Upper

65 100

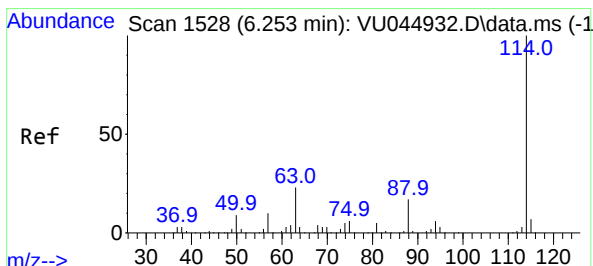
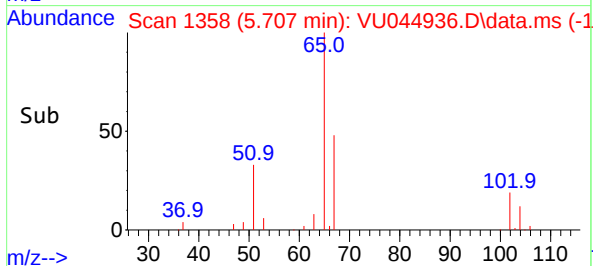
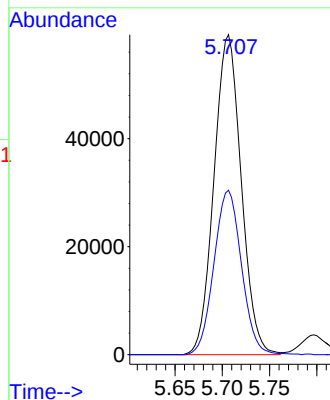
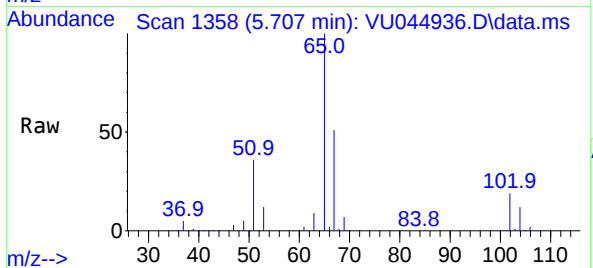
67 52.0 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU044936.D

Acq: 28 Sep 2021 13:00

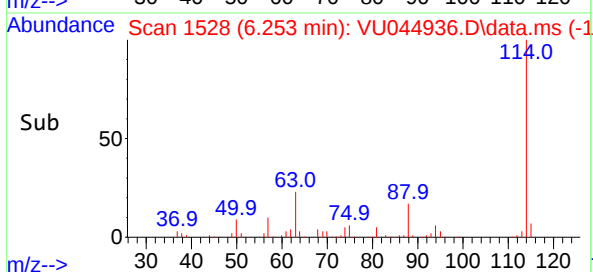
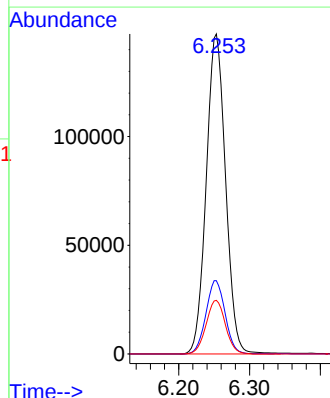
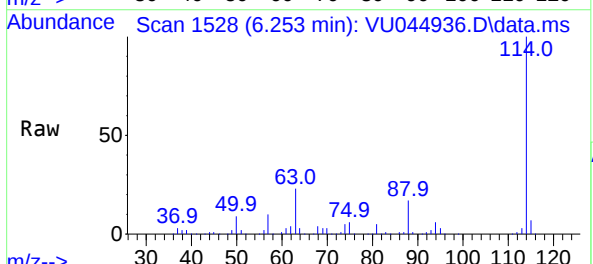
Tgt Ion:114 Resp: 278809

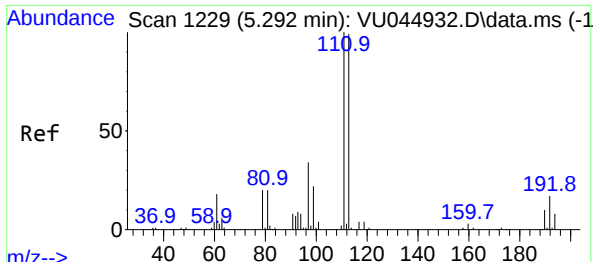
Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.8

88 16.8 0.0 32.8





#35
Dibromofluoromethane
Concen: 46.624 ug/l
RT: 5.295 min Scan# 1113
Delta R.T. 0.003 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Instrument :

MSVOA_U

ClientSampleId :

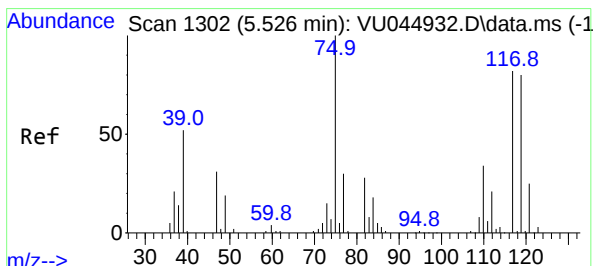
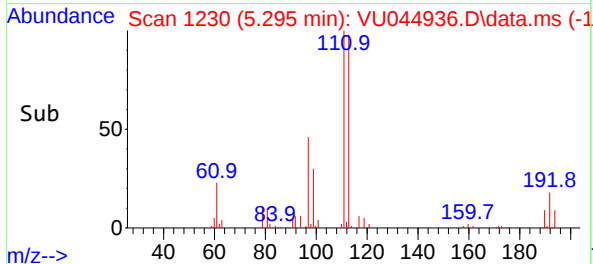
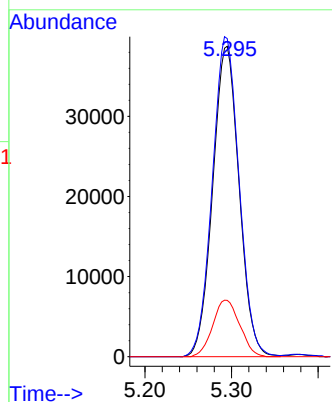
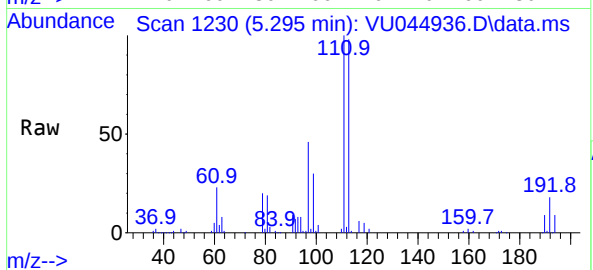
ICVVU092821

Tgt Ion:113 Resp: 82000
Ion Ratio Lower Upper
113 100
111 104.6 84.1 126.1
192 18.7 14.8 22.2

Manual Integrations

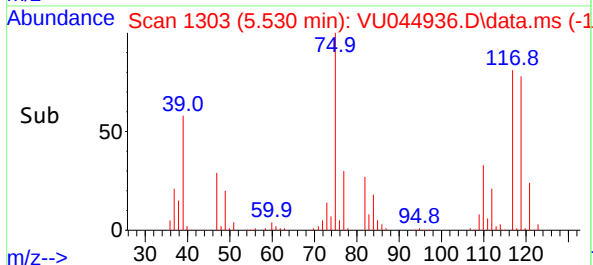
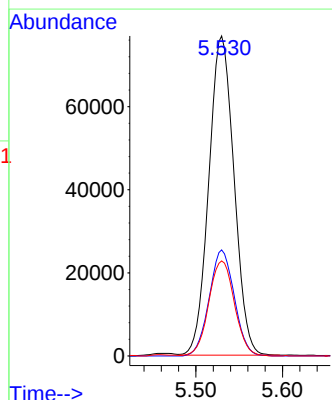
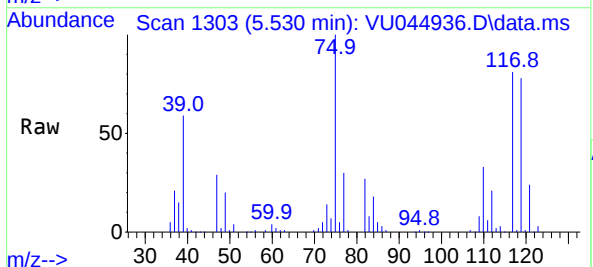
APPROVED

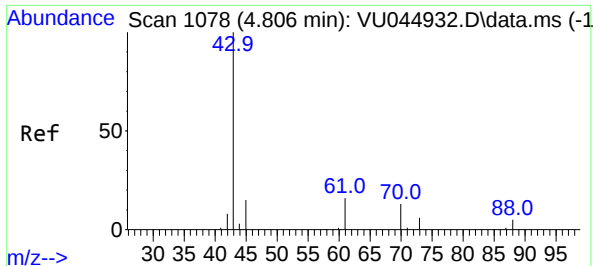
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#36
1,1-Dichloropropene
Concen: 53.181 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.004 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

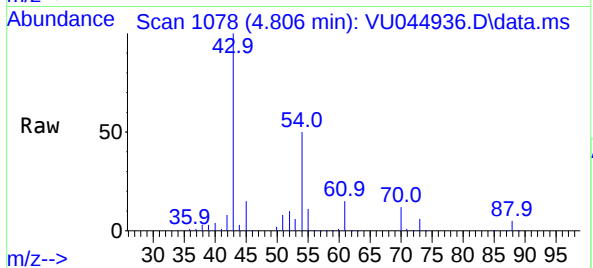
Tgt Ion: 75 Resp: 155058
Ion Ratio Lower Upper
75 100
110 33.1 16.3 48.9
77 30.5 25.0 37.4





#37
Ethyl Acetate
Concen: 50.879 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

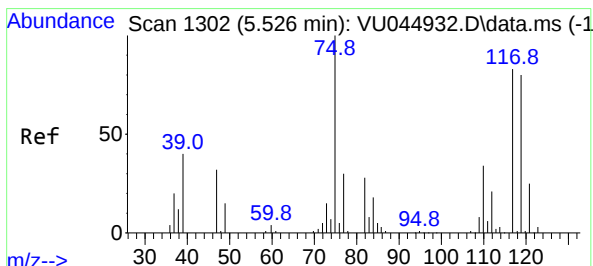
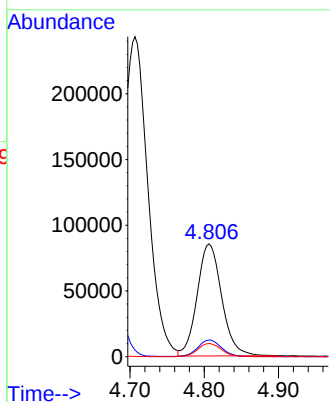
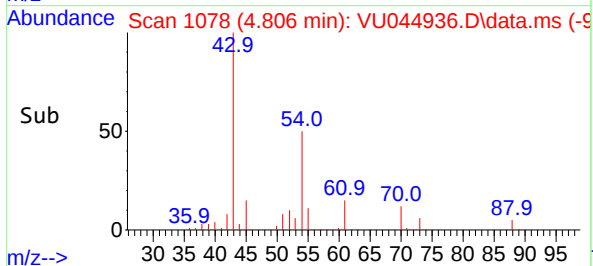
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821



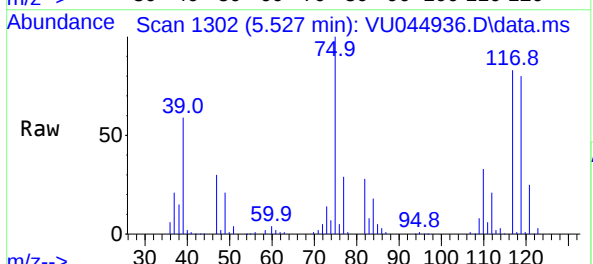
Tgt Ion: 43 Resp: 19628
Ion Ratio Lower Upper
43 100
61 14.2 10.9 16.3
70 11.4 8.2 12.4

Manual Integrations
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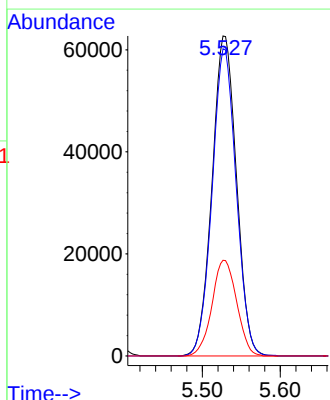
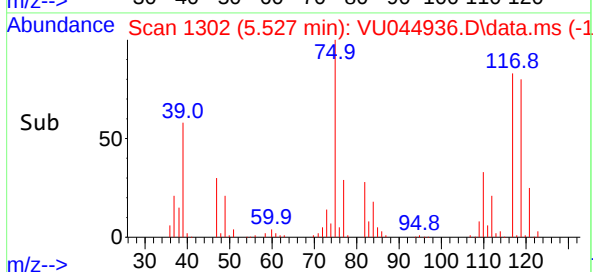
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

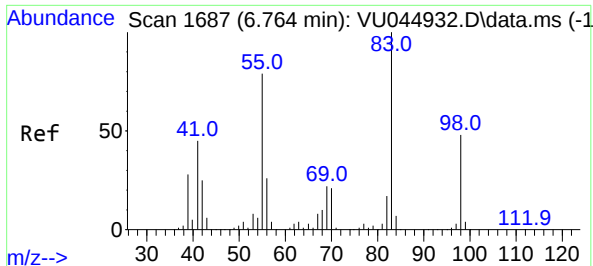


#38
Carbon Tetrachloride
Concen: 54.051 ug/l
RT: 5.527 min Scan# 1302
Delta R.T. 0.001 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00



Tgt Ion:117 Resp: 136371
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.2
121 29.9 24.5 36.7





#39

Methylcyclohexane

Concen: 54.560 ug/l

RT: 6.768 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU044936.D

Acq: 28 Sep 2021 13:00

Instrument :

MSVOA_U

ClientSampleId :

ICVVU092821

Tgt Ion: 83 Resp: 195289

Ion Ratio Lower Upper

83 100

55 77.9 66.2 99.4

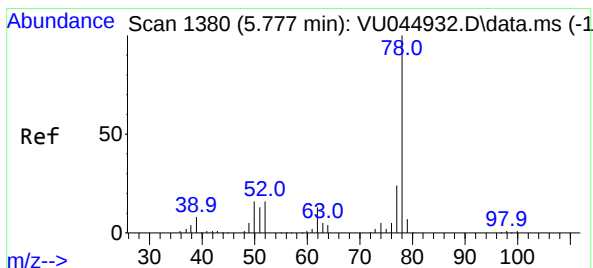
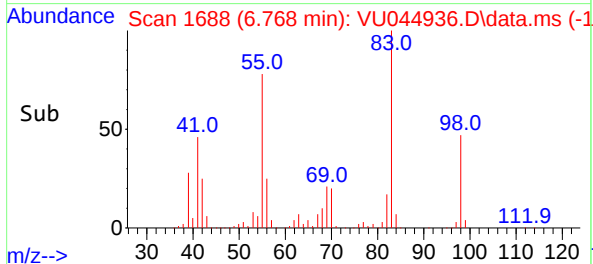
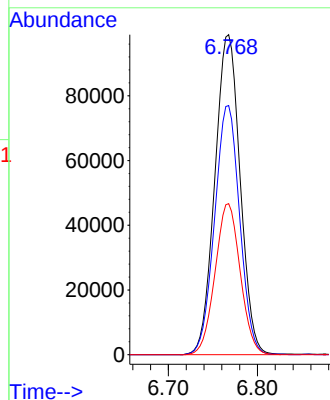
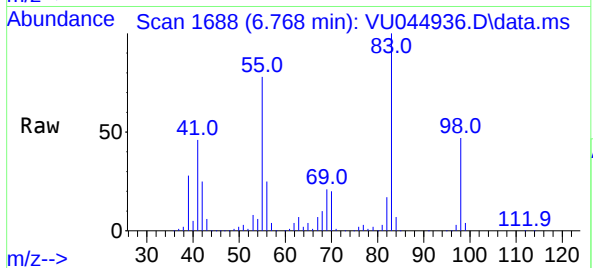
98 47.2 37.5 56.3

Manual Integrations

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Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#40

Benzene

Concen: 52.122 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU044936.D

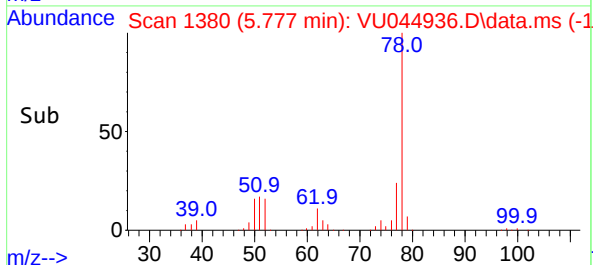
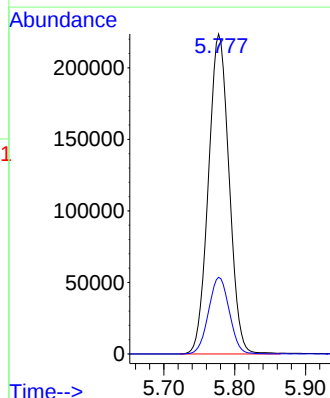
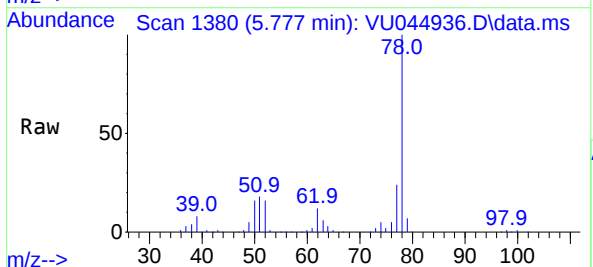
Acq: 28 Sep 2021 13:00

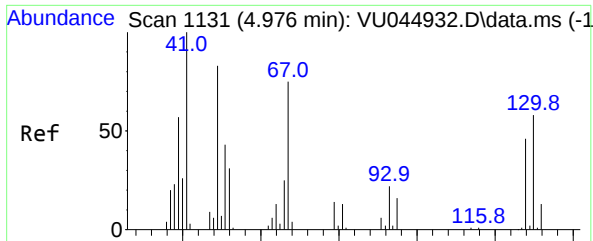
Tgt Ion: 78 Resp: 452628

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7





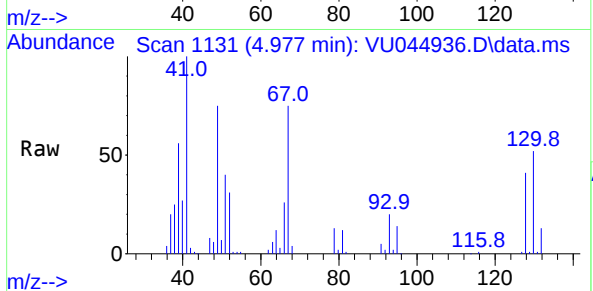
#41
Methacrylonitrile
Concen: 53.966 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.001 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Instrument :

MSVOA_U

ClientSampleId :

ICVVU092821



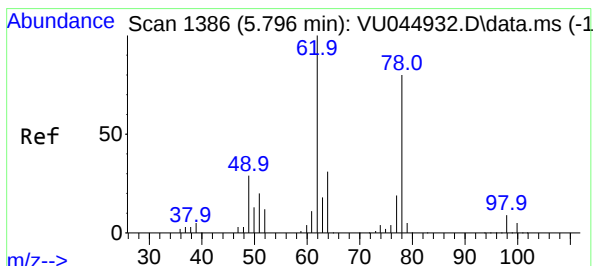
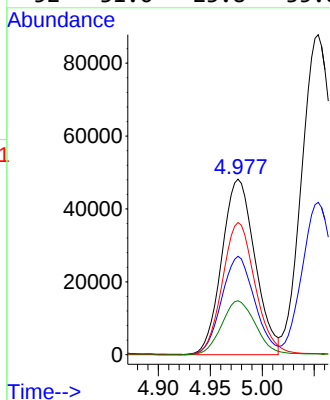
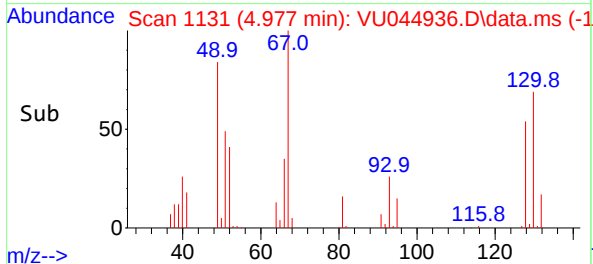
Tgt Ion: 41 Resp: 10717
Ion Ratio Lower Upper
41 100
39 55.8 44.4 66.6
67 75.0 58.1 87.1
52 31.6 23.8 35.8

Manual Integrations

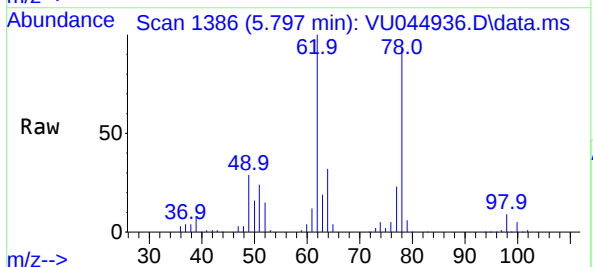
APPROVED

Reviewed By :John Carlone 09/29/2021

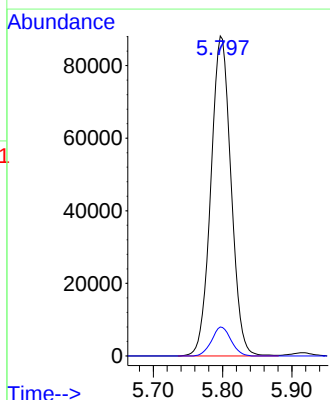
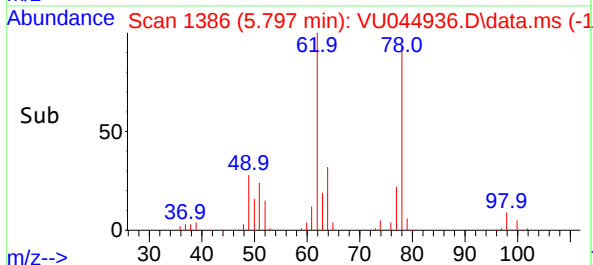
Supervised By :Mahesh Dadoda 09/30/2021



#42
1,2-Dichloroethane
Concen: 52.172 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.001 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00



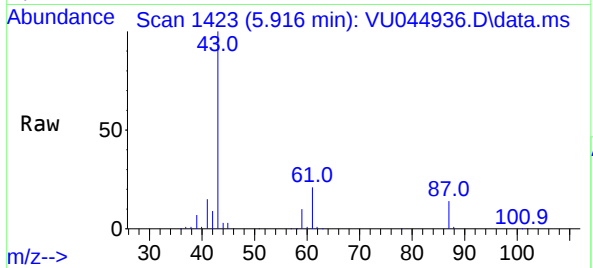
Tgt Ion: 62 Resp: 178070
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.8





#43
Isopropyl Acetate
Concen: 51.940 ug/l
RT: 5.916 min Scan# 1423
Delta R.T. 0.001 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

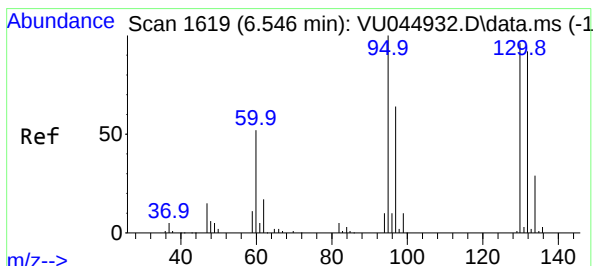
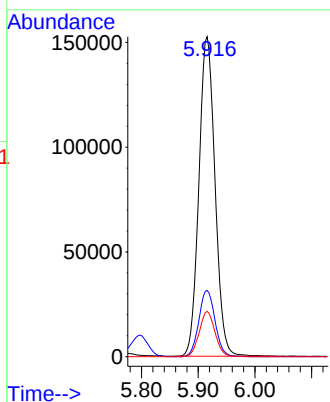
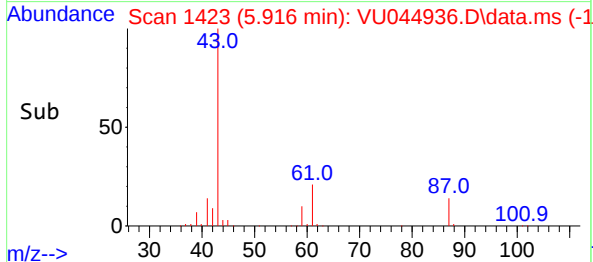
Instrument : MSVOA_U
ClientSampleId : ICVVU092821



Tgt Ion: 43 Resp: 301454
Ion Ratio Lower Upper
43 100
61 20.9 16.1 24.1
87 13.9 10.3 15.5

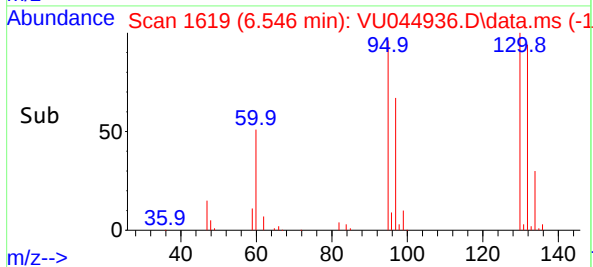
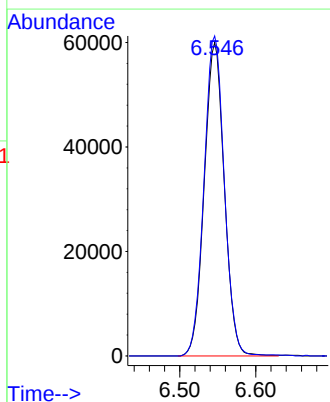
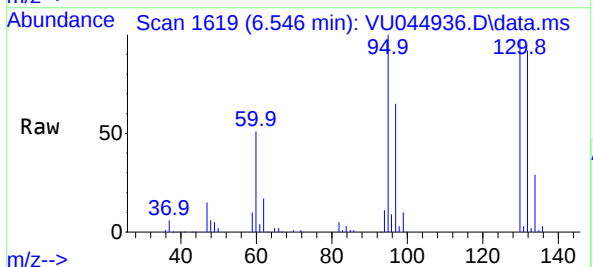
Manual Integrations
APPROVED

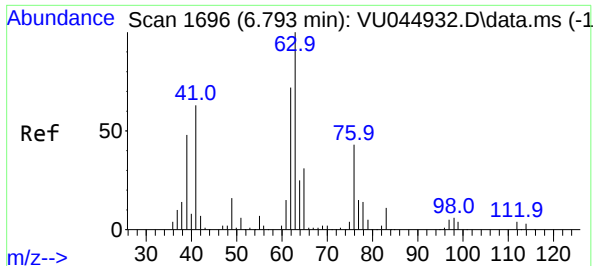
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#44
Trichloroethene
Concen: 53.636 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Tgt Ion:130 Resp: 109817
Ion Ratio Lower Upper
130 100
95 102.1 0.0 209.0





#45

1,2-Dichloropropane

Concen: 52.075 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. 0.000 min

Lab File: VU044936.D

Acq: 28 Sep 2021 13:00

Instrument :

MSVOA_U

ClientSampleId :

ICVVU092821

Tgt Ion: 63 Resp: 119892

Ion Ratio Lower Upper

63 100

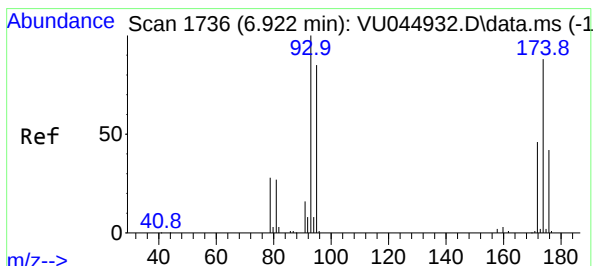
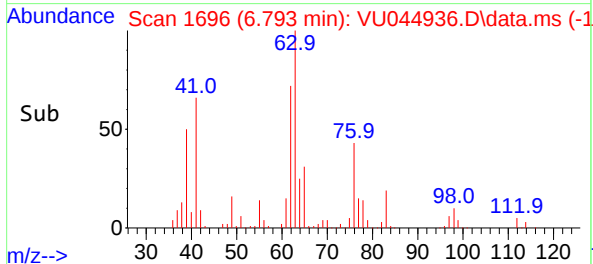
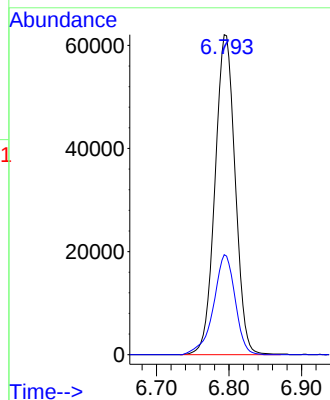
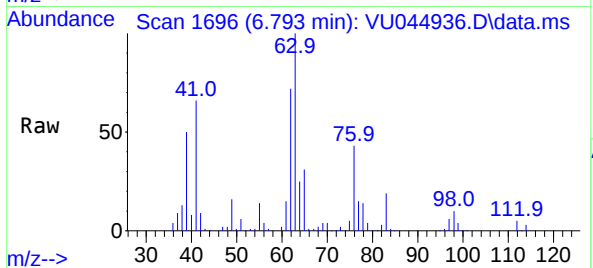
65 31.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#46

Dibromomethane

Concen: 53.059 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VU044936.D

Acq: 28 Sep 2021 13:00

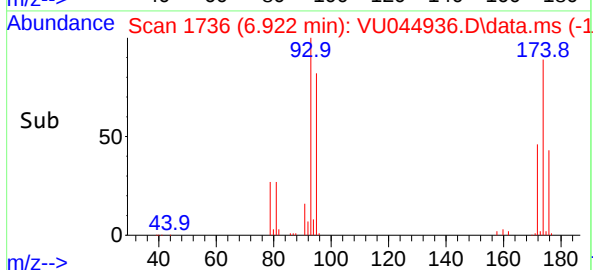
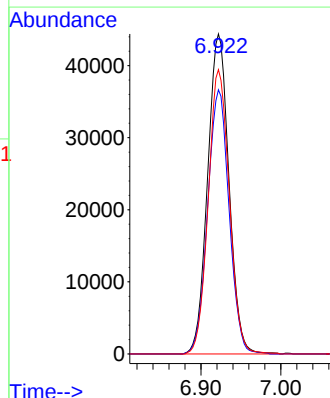
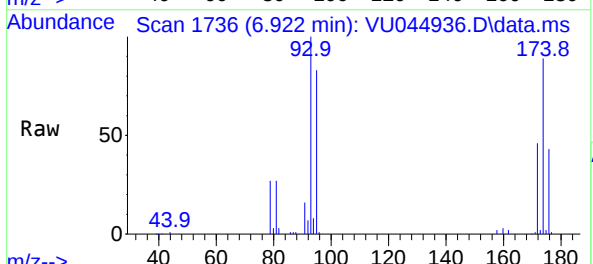
Tgt Ion: 93 Resp: 82293

Ion Ratio Lower Upper

93 100

95 82.9 65.6 98.4

174 87.9 70.7 106.1





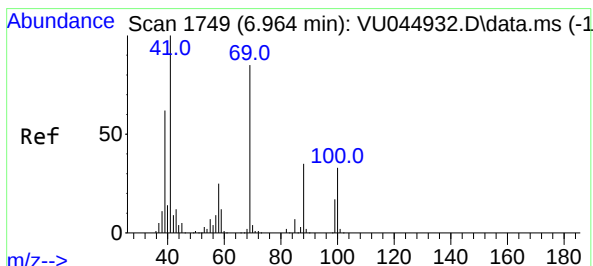
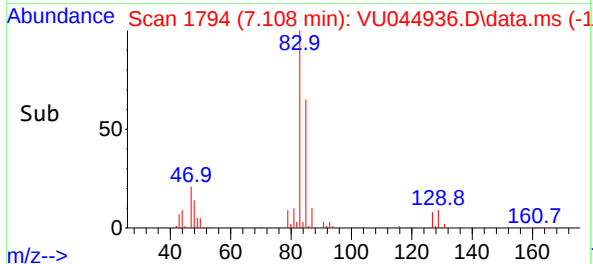
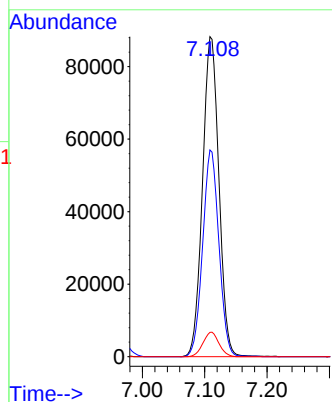
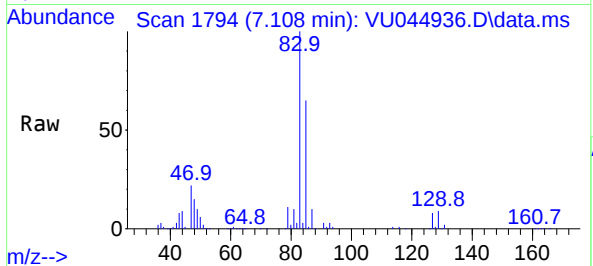
#47
Bromodichloromethane
Concen: 53.497 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821

Tgt Ion: 83 Resp: 161102
Ion Ratio Lower Upper
83 100
85 64.6 51.6 77.4
127 7.6 6.2 9.4

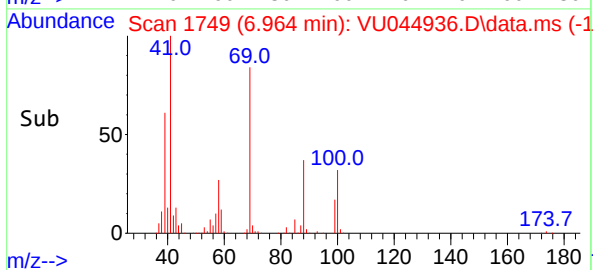
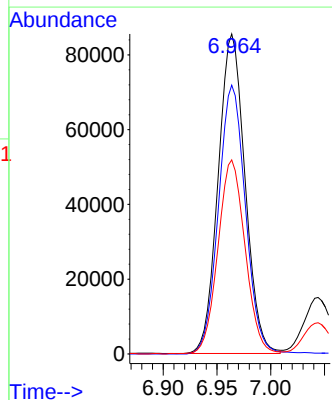
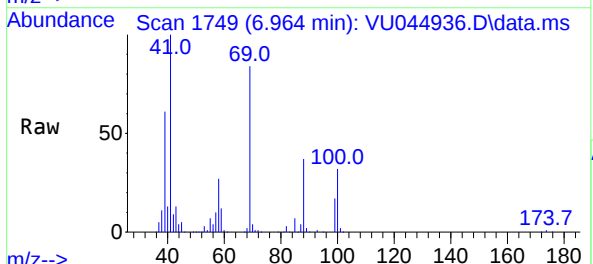
Manual Integrations
APPROVED

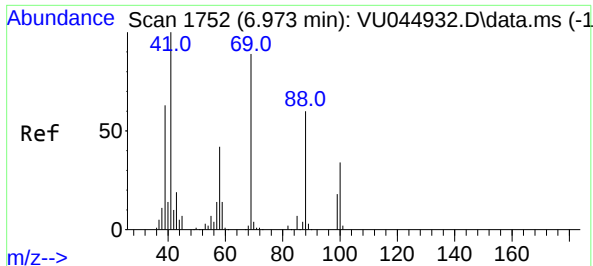
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#48
Methyl methacrylate
Concen: 52.479 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Tgt Ion: 41 Resp: 148253
Ion Ratio Lower Upper
41 100
69 84.9 65.6 98.4
39 61.6 46.2 69.4





#49

1,4-Dioxane

Concen: 1060.048 ug/l

RT: 6.970 min Scan# 1752

Delta R.T. -0.003 min

Lab File: VU044936.D

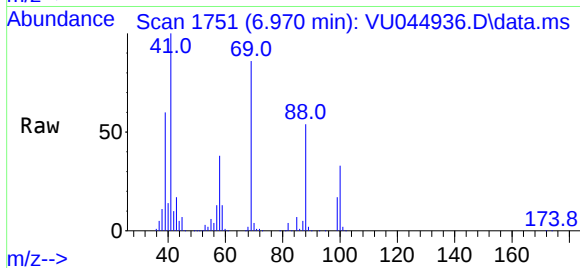
Acq: 28 Sep 2021 13:00

Instrument :

MSVOA_U

ClientSampleId :

ICVVU092821



Tgt Ion: 88 Resp: 76062

Ion Ratio Lower Upper

88 100

43 32.4 25.8 38.6

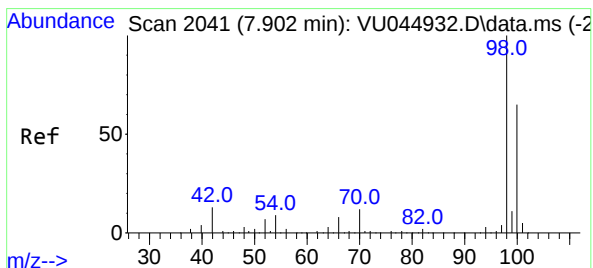
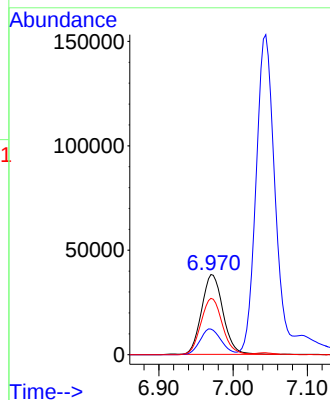
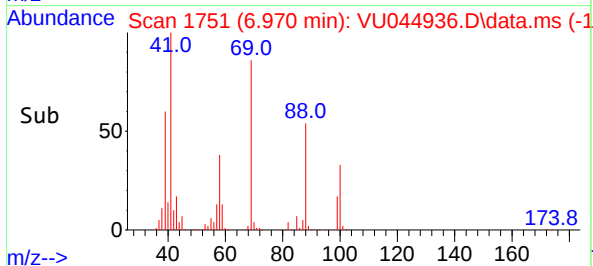
58 71.3 61.3 91.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#50

Toluene-d8

Concen: 47.509 ug/l

RT: 7.903 min Scan# 2041

Delta R.T. 0.001 min

Lab File: VU044936.D

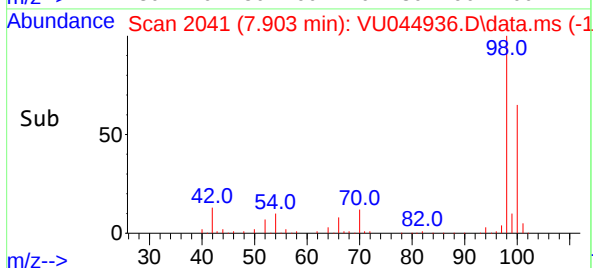
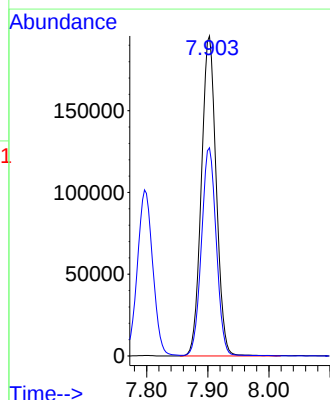
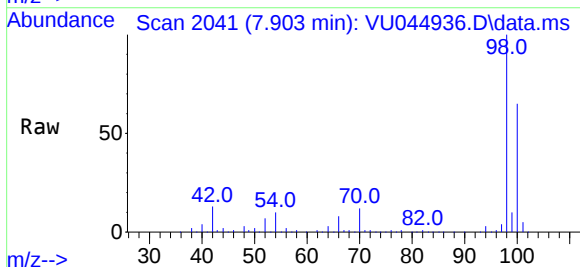
Acq: 28 Sep 2021 13:00

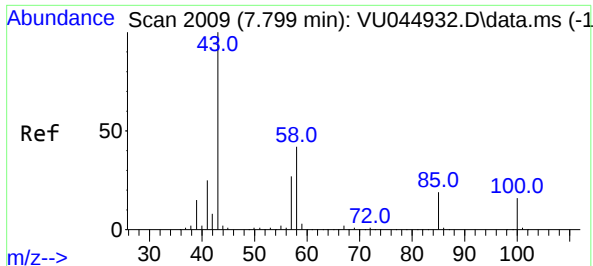
Tgt Ion: 98 Resp: 330161

Ion Ratio Lower Upper

98 100

100 64.7 52.5 78.7





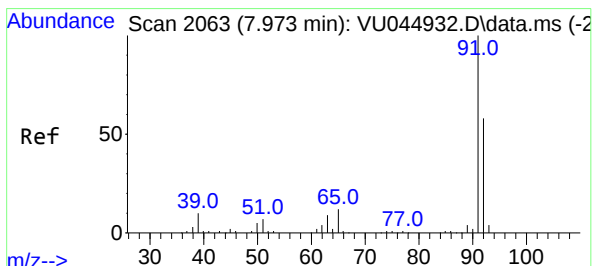
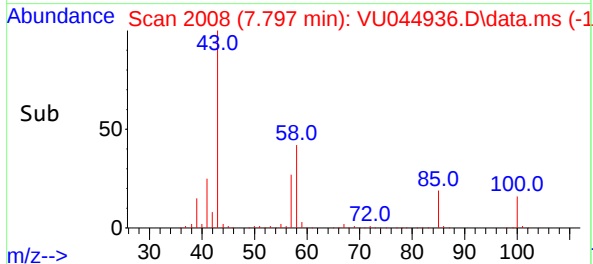
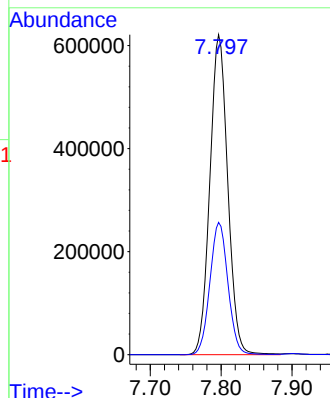
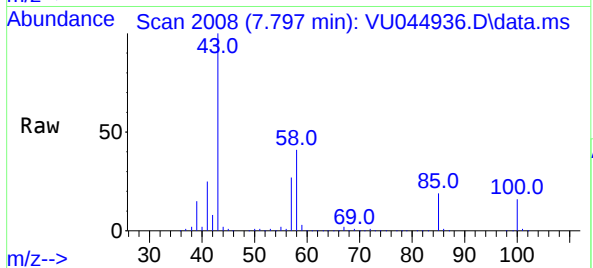
#51
4-Methyl-2-Pentanone
Concen: 257.775 ug/l
RT: 7.797 min Scan# 2008
Delta R.T. -0.003 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821

Tgt Ion: 43 Resp: 1089164
Ion Ratio Lower Upper
43 100
58 41.7 32.4 48.6

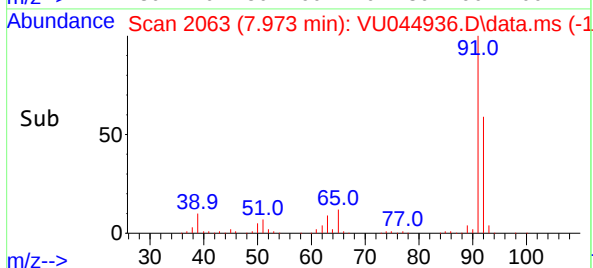
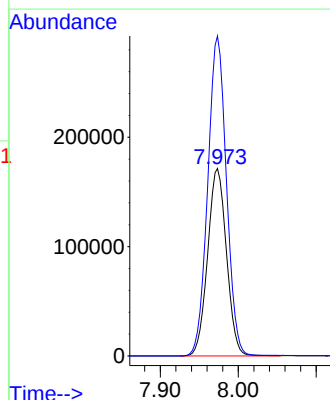
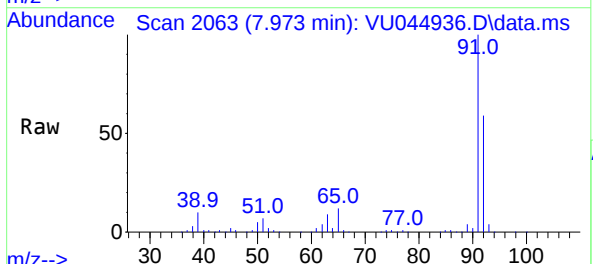
Manual Integrations
APPROVED

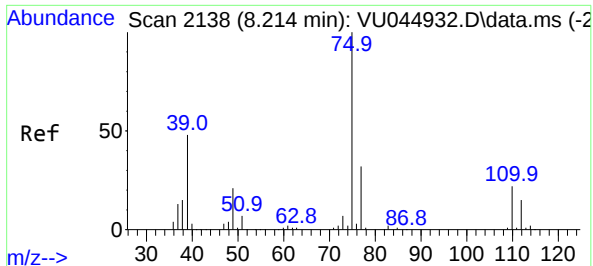
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#52
Toluene
Concen: 52.948 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Tgt Ion: 92 Resp: 287771
Ion Ratio Lower Upper
92 100
91 169.3 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 54.299 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Instrument :

MSVOA_U

ClientSampleId :

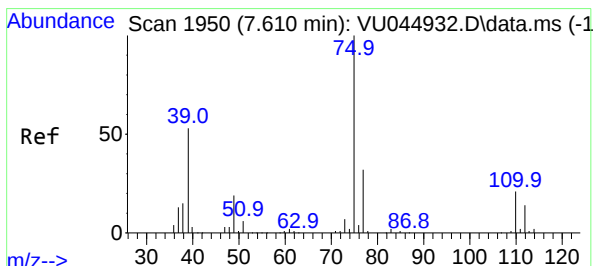
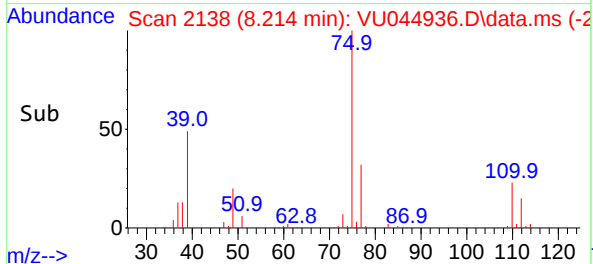
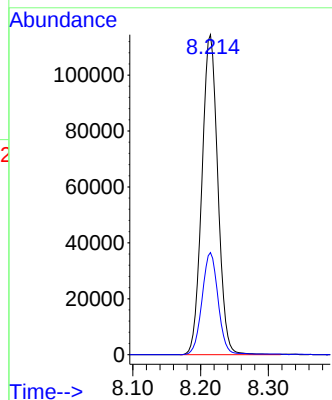
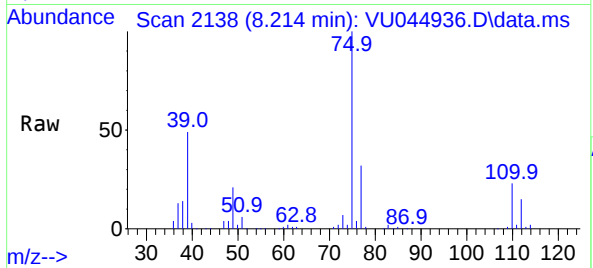
ICVVU092821

Tgt Ion: 75 Resp: 186988
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4

Manual Integrations

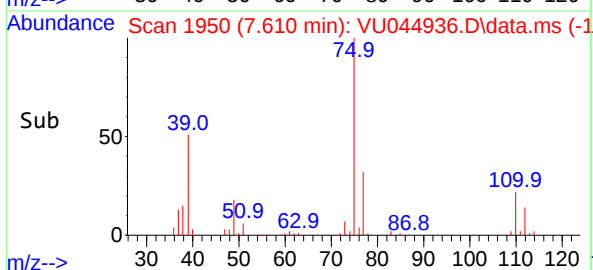
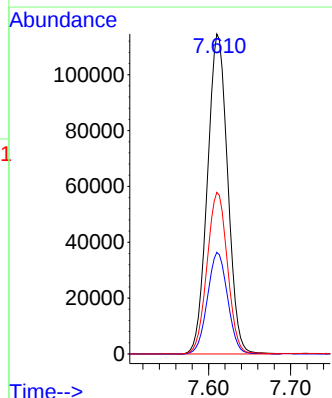
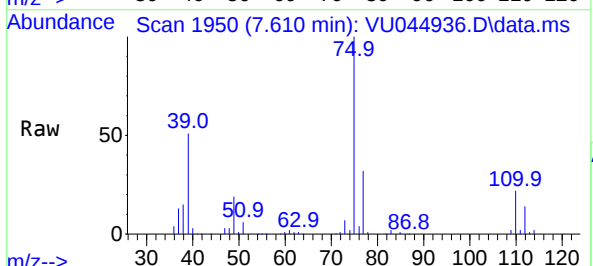
APPROVED

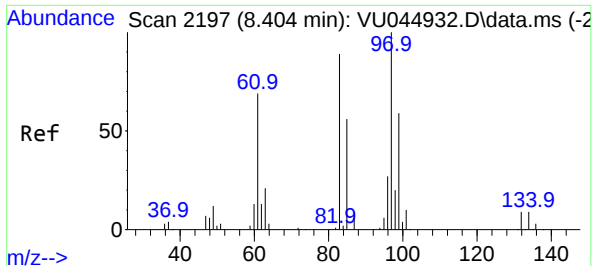
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#54
cis-1,3-Dichloropropene
Concen: 54.962 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Tgt Ion: 75 Resp: 197152
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6
39 50.5 41.4 62.2





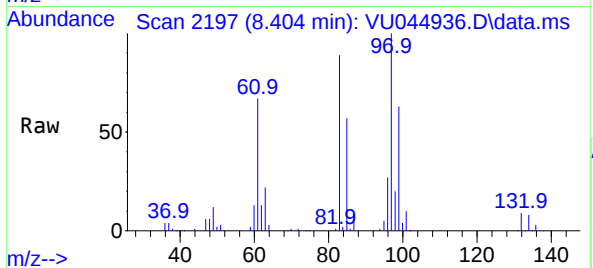
#55
1,1,2-Trichloroethane
Concen: 51.536 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Instrument :

MSVOA_U

ClientSampleId :

ICVVU092821

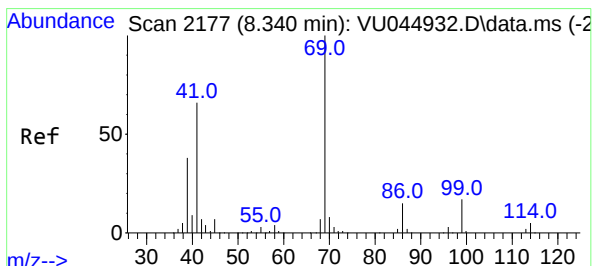
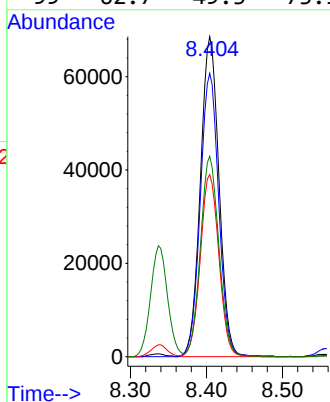
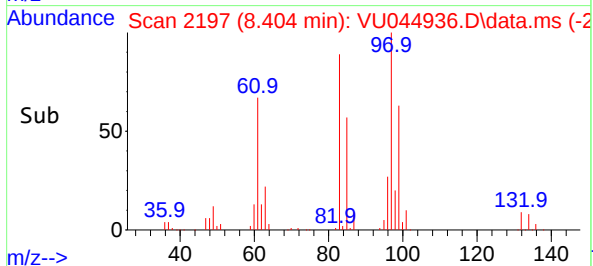


Tgt Ion: 97 Resp: 116708
Ion Ratio Lower Upper
97 100
83 88.5 69.7 104.5
85 56.9 44.8 67.2
99 62.7 49.3 73.9

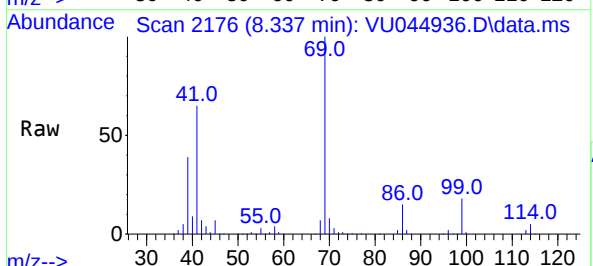
Manual Integrations

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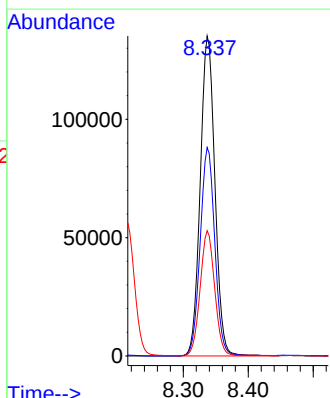
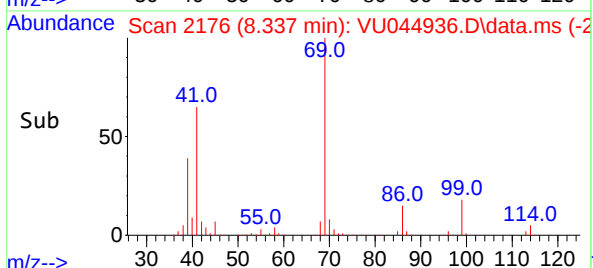
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

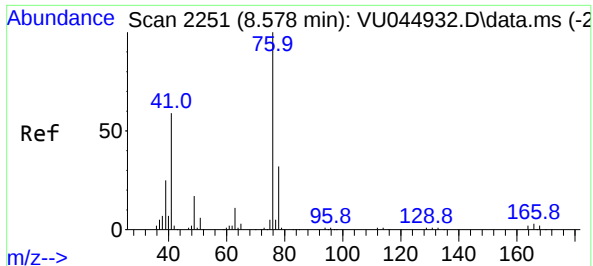


#56
Ethyl methacrylate
Concen: 48.443 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. -0.003 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00



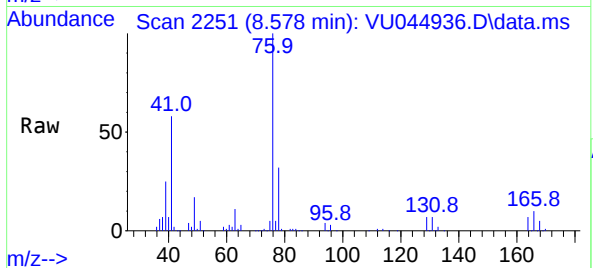
Tgt Ion: 69 Resp: 212753
Ion Ratio Lower Upper
69 100
41 65.1 53.5 80.3
39 38.5 31.1 46.7





#57
1,3-Dichloropropane
Concen: 51.849 ug/l
RT: 8.578 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

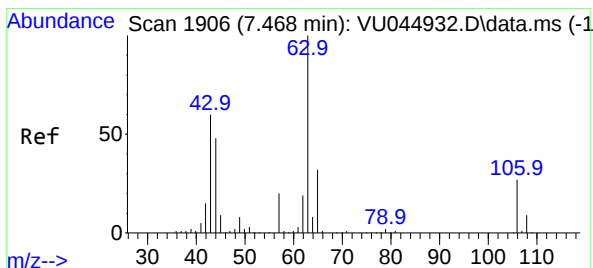
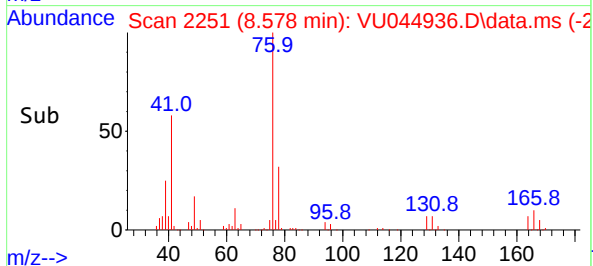
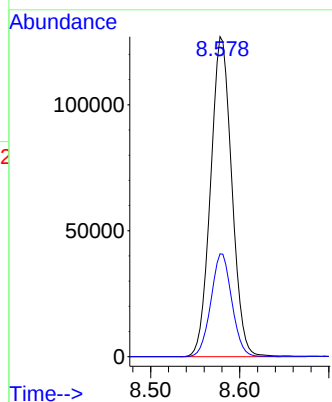
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821



Tgt Ion: 76 Resp: 209550
Ion Ratio Lower Upper
76 100
78 31.8 25.7 38.5

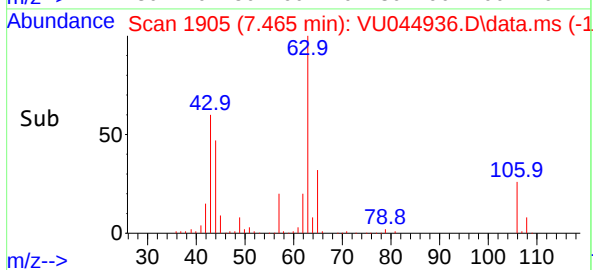
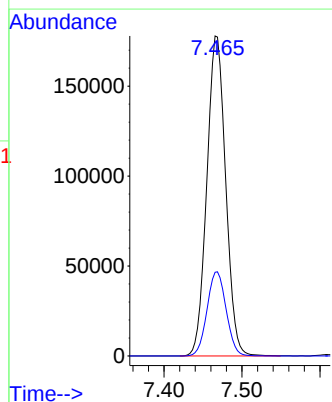
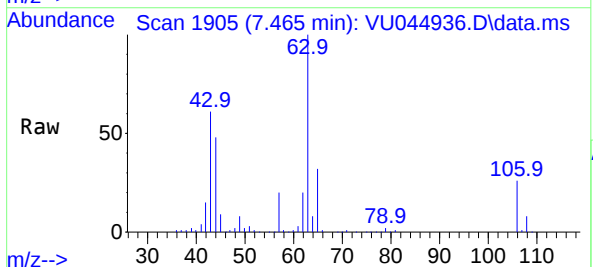
Manual Integrations
APPROVED

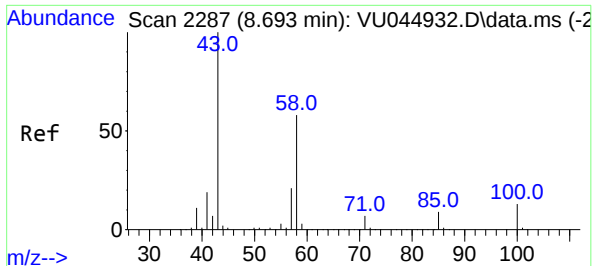
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#58
2-Chloroethyl Vinyl ether
Concen: 215.941 ug/l
RT: 7.465 min Scan# 1905
Delta R.T. -0.003 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Tgt Ion: 63 Resp: 298902
Ion Ratio Lower Upper
63 100
106 26.6 20.5 30.7





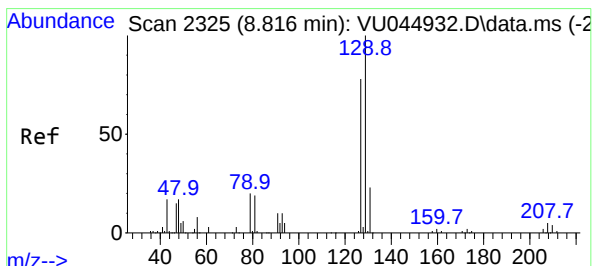
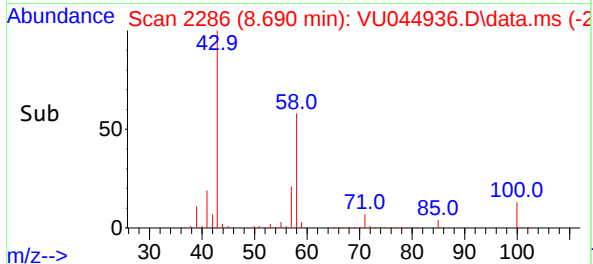
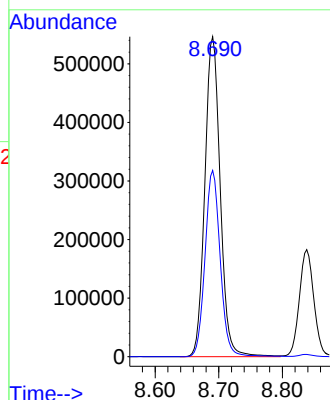
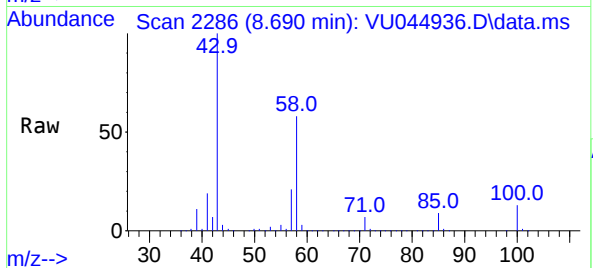
#59
2-Hexanone
Concen: 266.767 ug/l
RT: 8.690 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821

Tgt Ion: 43 Resp: 91788
Ion Ratio Lower Upper
43 100
58 57.6 28.0 84.0

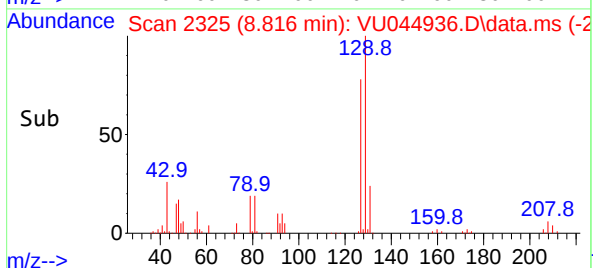
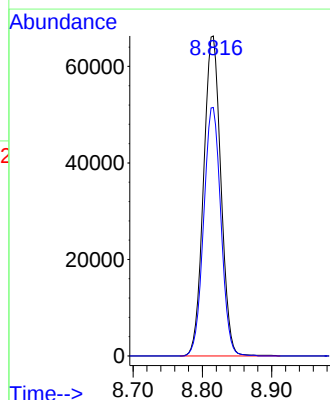
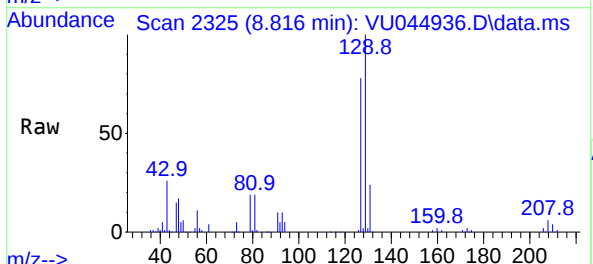
Manual Integrations
APPROVED

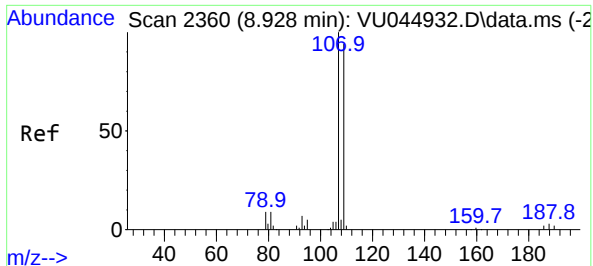
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#60
Dibromochloromethane
Concen: 47.924 ug/l
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Tgt Ion:129 Resp: 114845
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0





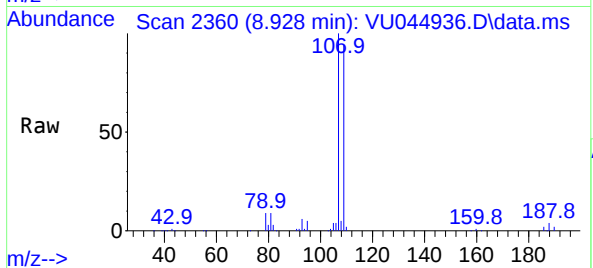
#61
1,2-Dibromoethane
Concen: 52.397 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Instrument :

MSVOA_U

ClientSampleId :

ICVVU092821

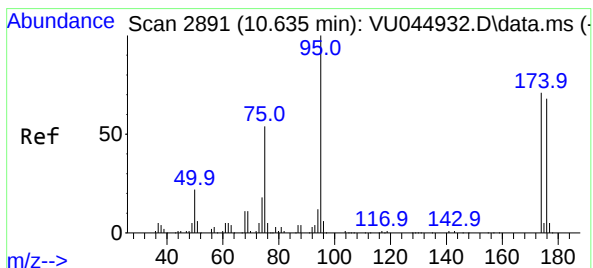
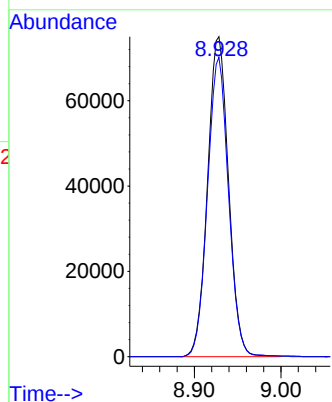


Tgt Ion:107 Resp: 126129
Ion Ratio Lower Upper
107 100
109 93.6 74.8 112.2

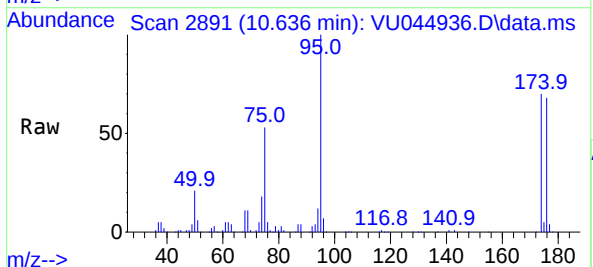
Manual Integrations

APPROVED

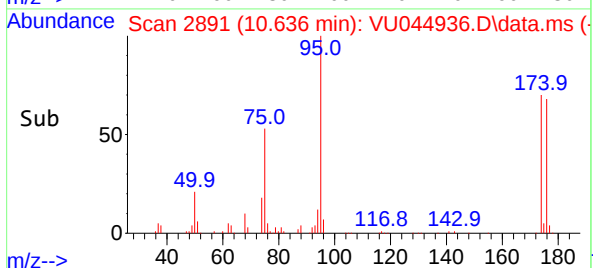
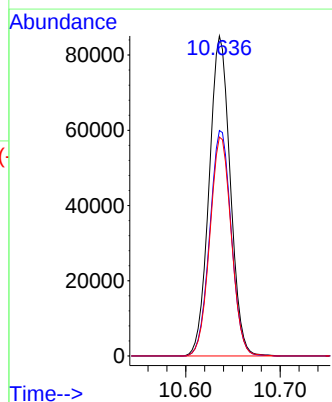
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

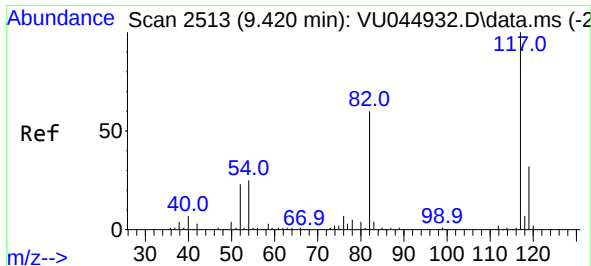


#62
4-Bromofluorobenzene
Concen: 45.979 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00



Tgt Ion: 95 Resp: 131918
Ion Ratio Lower Upper
95 100
174 71.7 0.0 146.6
176 69.4 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Instrument :

MSVOA_U

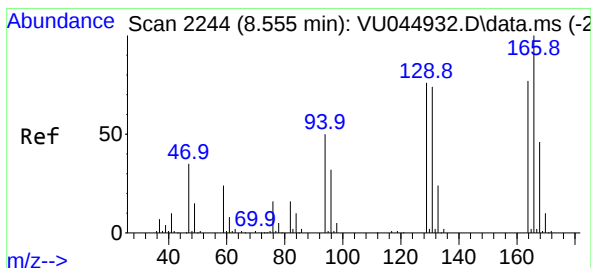
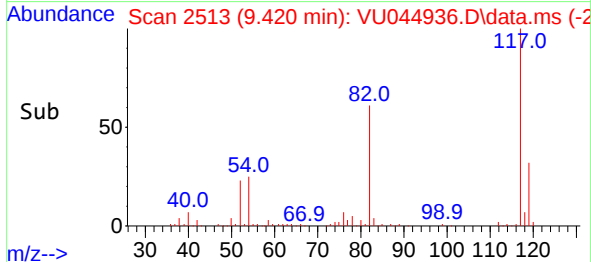
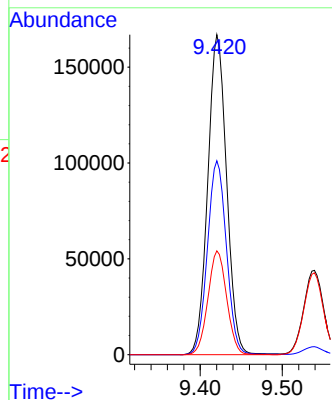
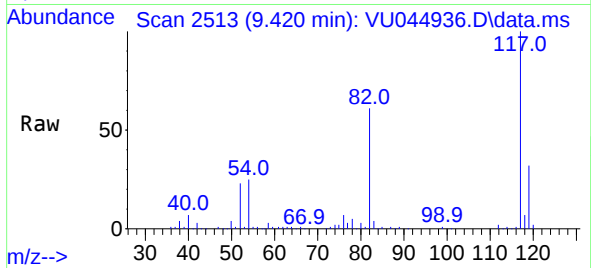
ClientSampleId :

ICVVU092821

Tgt Ion:117 Resp: 267304
Ion Ratio Lower Upper
117 100
82 60.6 47.8 71.8
119 32.5 25.8 38.6

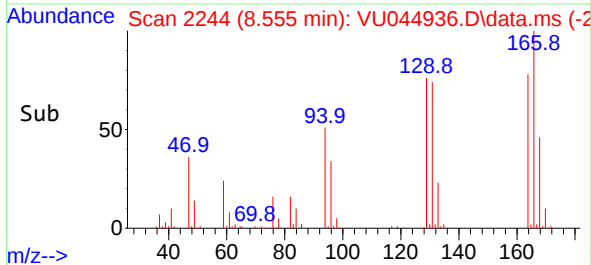
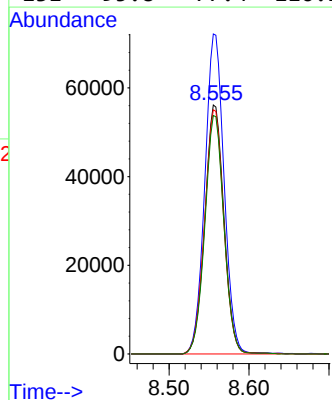
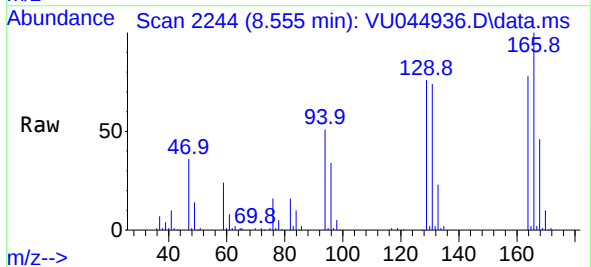
Manual Integrations
APPROVED

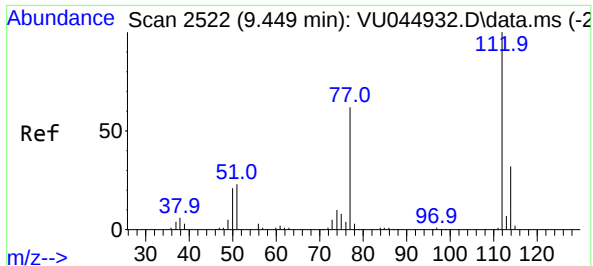
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#64
Tetrachloroethene
Concen: 53.788 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Tgt Ion:164 Resp: 93840
Ion Ratio Lower Upper
164 100
166 128.5 102.8 154.2
129 98.0 79.4 119.2
131 95.8 77.4 116.2





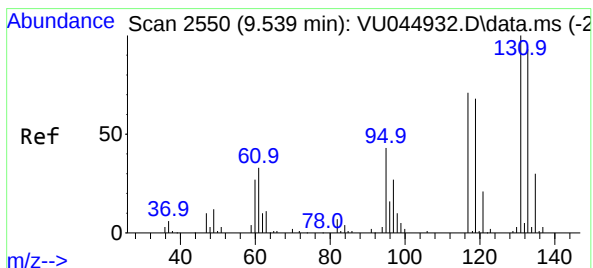
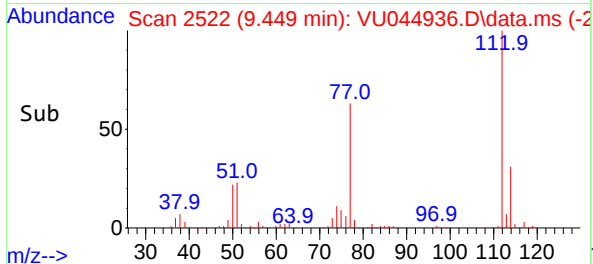
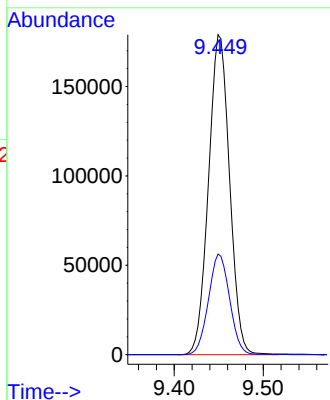
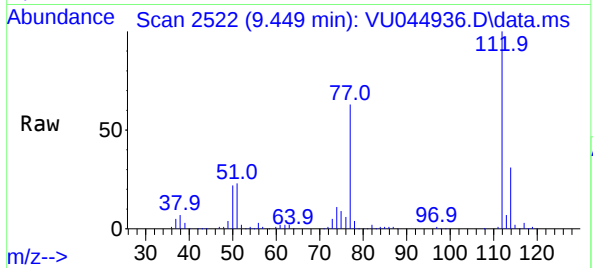
#65
Chlorobenzene
Concen: 52.388 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821

Tgt Ion:112 Resp: 29359
Ion Ratio Lower Upper
112 100
114 31.4 25.9 38.9

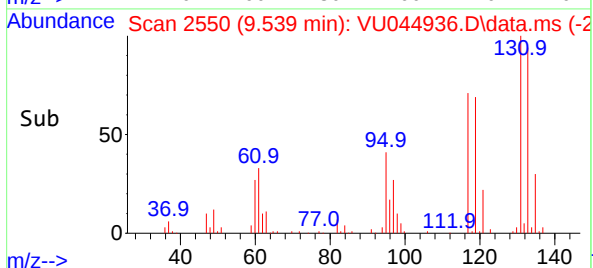
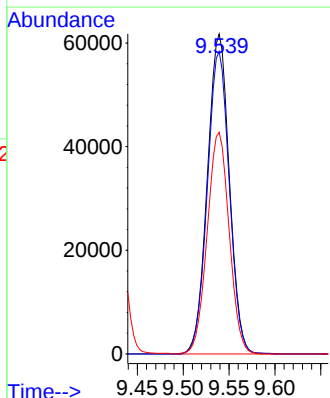
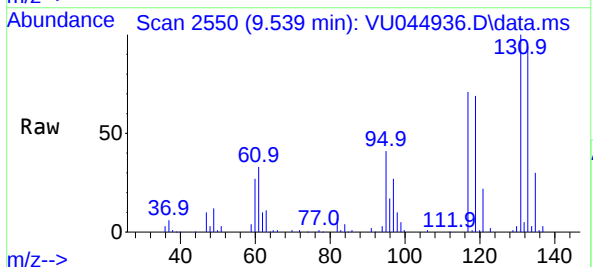
Manual Integrations
APPROVED

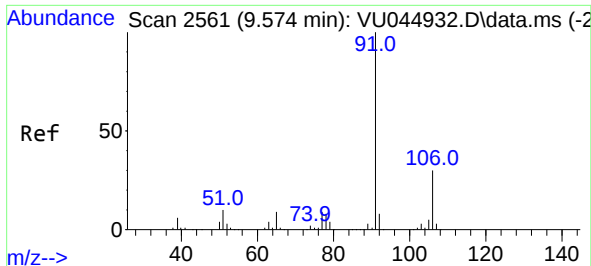
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 52.503 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Tgt Ion:131 Resp: 102728
Ion Ratio Lower Upper
131 100
133 94.6 48.1 144.3
119 69.4 34.1 102.3





#67

Ethyl Benzene

Concen: 54.030 ug/l

RT: 9.575 min Scan# 2561

Delta R.T. 0.001 min

Lab File: VU044936.D

Acq: 28 Sep 2021 13:00

Instrument :

MSVOA_U

ClientSampleId :

ICVVU092821

Tgt Ion: 91 Resp: 55719

Ion Ratio Lower Upper

91 100

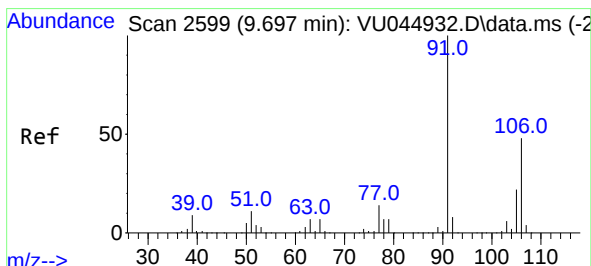
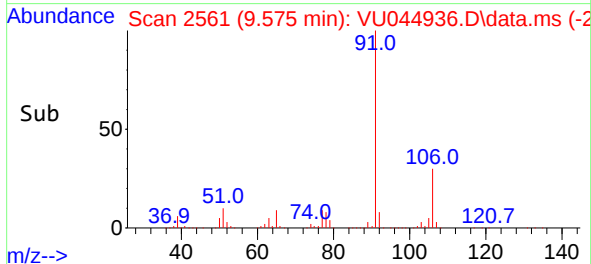
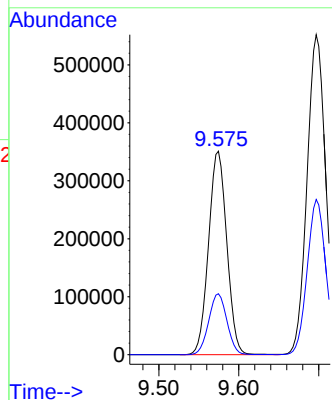
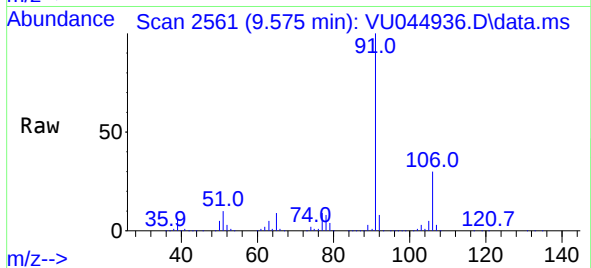
106 30.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#68

m/p-Xylenes

Concen: 108.489 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU044936.D

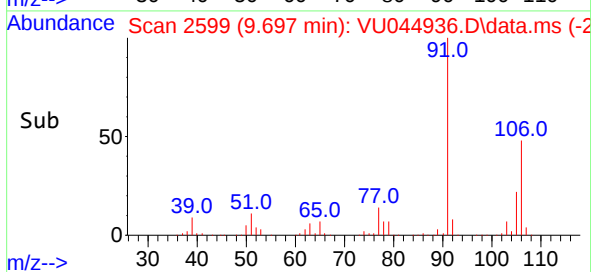
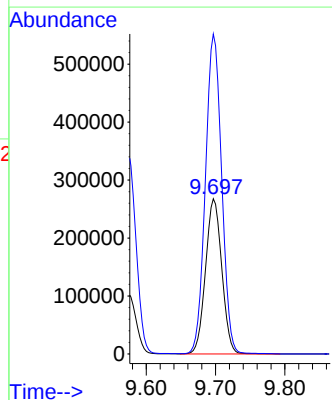
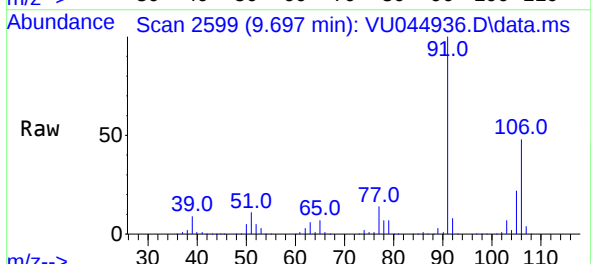
Acq: 28 Sep 2021 13:00

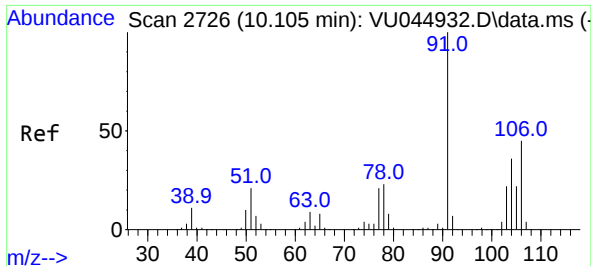
Tgt Ion:106 Resp: 434661

Ion Ratio Lower Upper

106 100

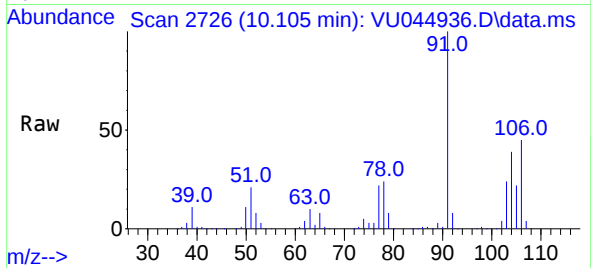
91 206.5 164.2 246.2





#69
o-Xylene
Concen: 53.729 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

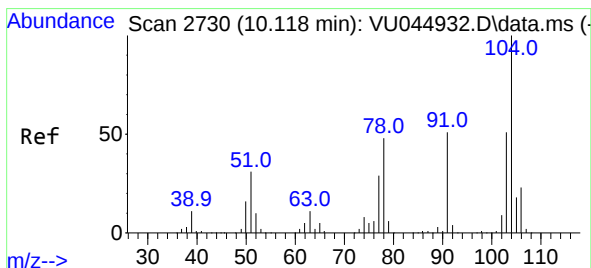
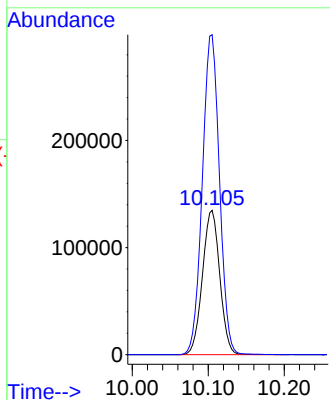
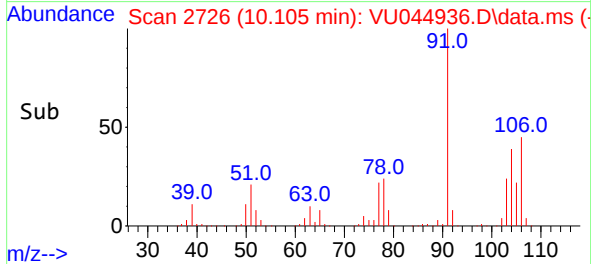
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821



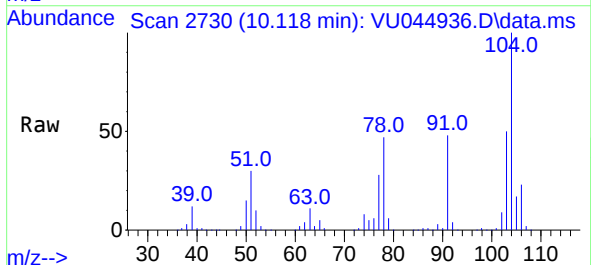
Tgt Ion:106 Resp: 213644
Ion Ratio Lower Upper
106 100
91 219.6 108.9 326.7

Manual Integrations
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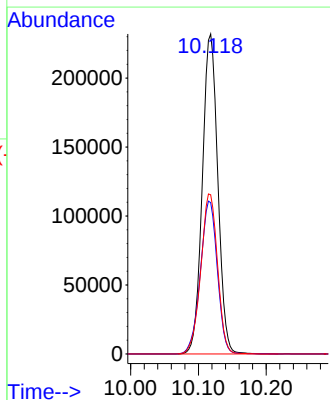
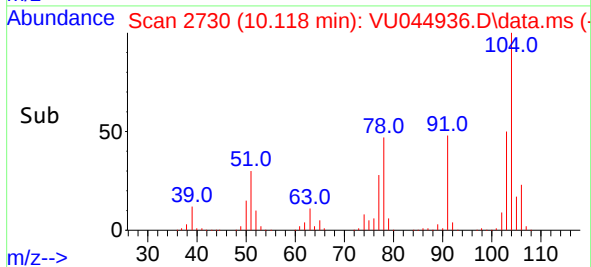
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

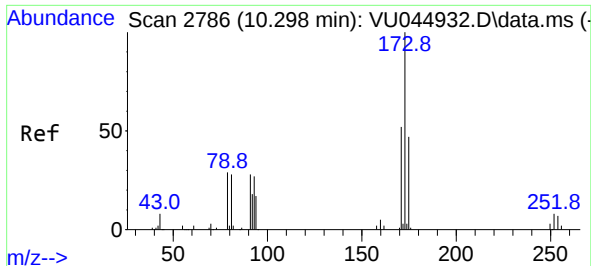


#70
Styrene
Concen: 55.227 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00



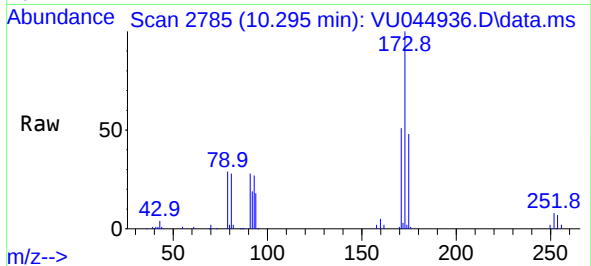
Tgt Ion:104 Resp: 368407
Ion Ratio Lower Upper
104 100
78 52.3 41.4 62.0
103 54.0 43.5 65.3





#71
Bromoform
Concen: 47.831 ug/l
RT: 10.295 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

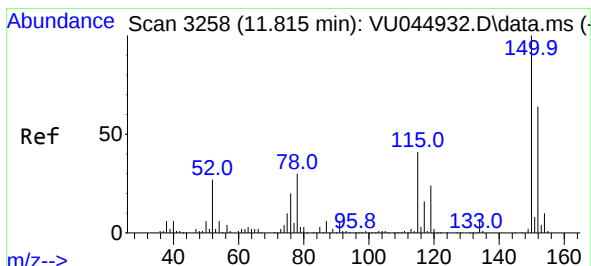
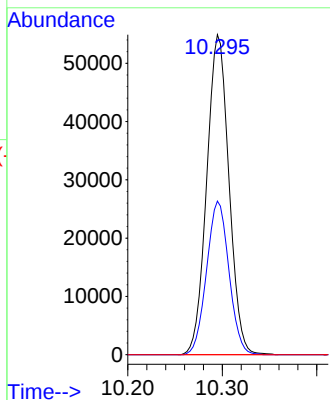
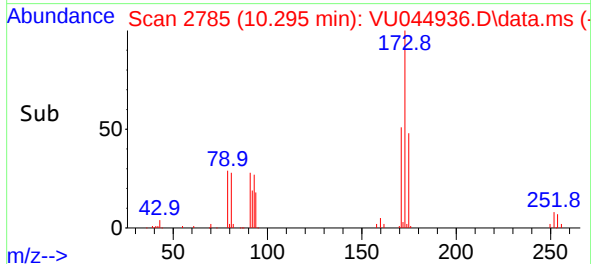
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821



Tgt Ion:173 Resp: 89628
Ion Ratio Lower Upper
173 100
175 48.2 24.3 73.0
254 0.0 0.0 0.0

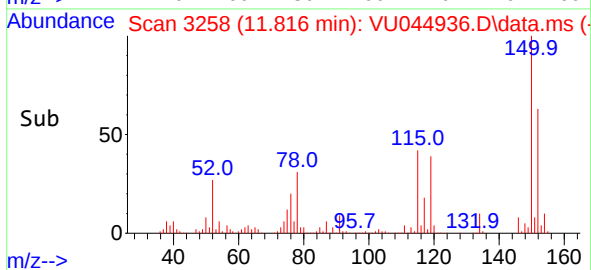
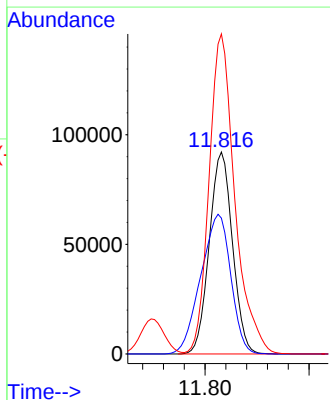
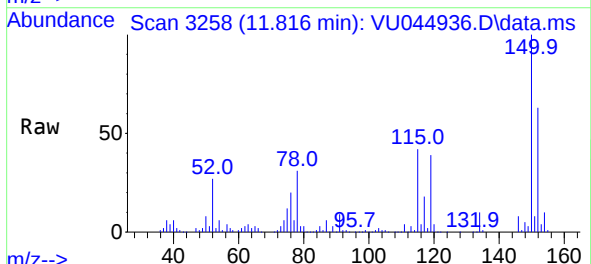
Manual Integrations
APPROVED

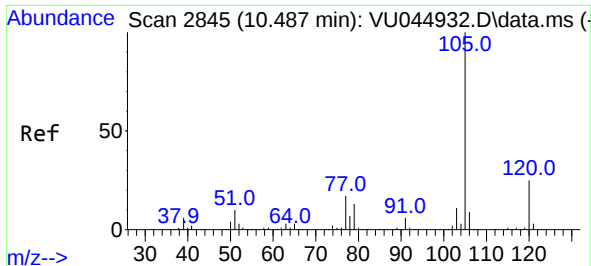
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Tgt Ion:152 Resp: 142740
Ion Ratio Lower Upper
152 100
115 89.2 43.5 130.7
150 175.8 0.0 350.0





#73
Isopropylbenzene
Concen: 52.357 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.001 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Instrument :

MSVOA_U

ClientSampleId :

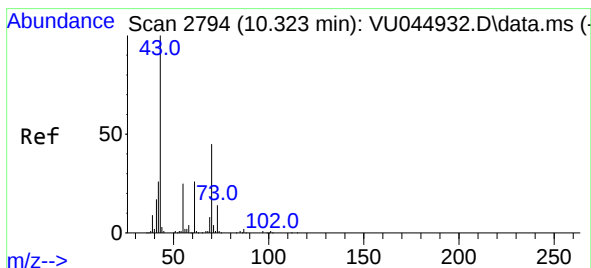
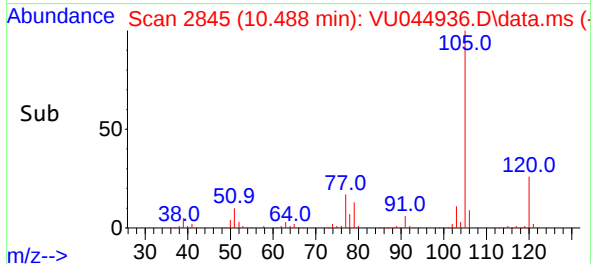
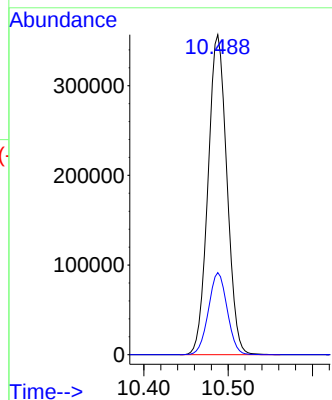
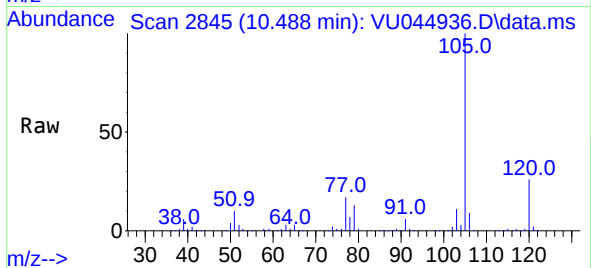
ICVVU092821

Tgt Ion:105 Resp: 556530
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.3

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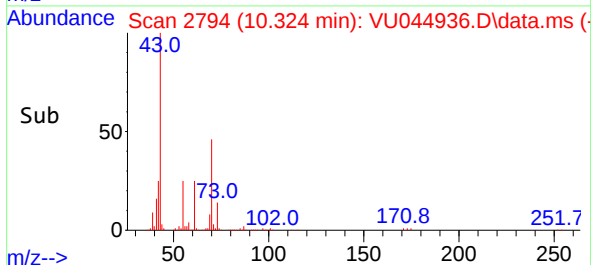
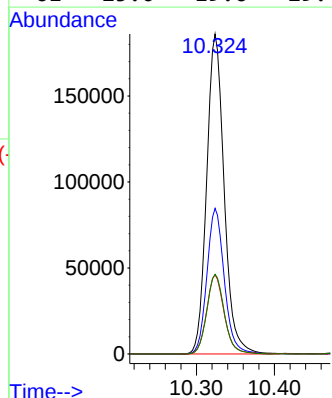
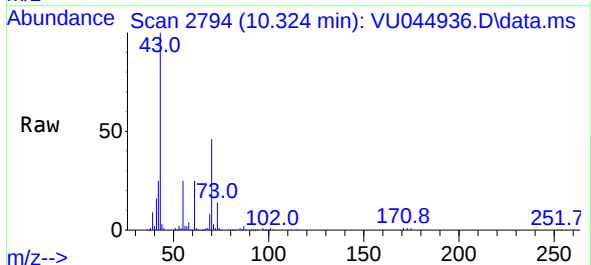
APPROVED

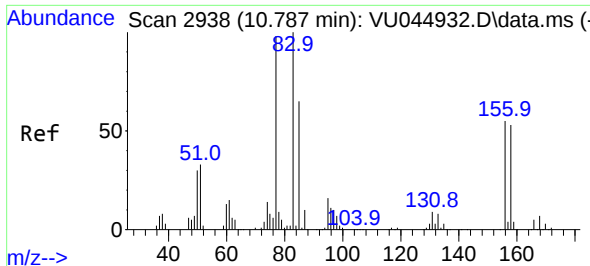
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#74
N-ethyl acetate
Concen: 54.109 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.001 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

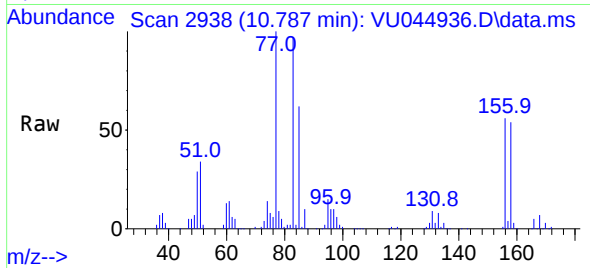
Tgt Ion: 43 Resp: 289604
Ion Ratio Lower Upper
43 100
70 45.4 35.1 52.7
55 24.9 20.5 30.7
61 25.0 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 50.608 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

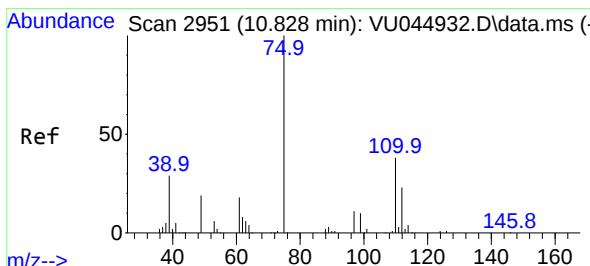
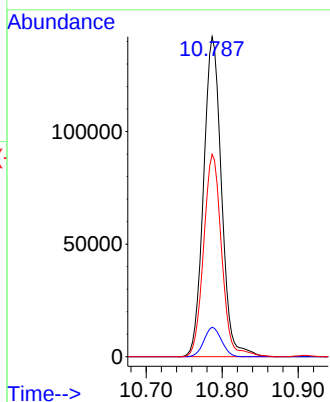
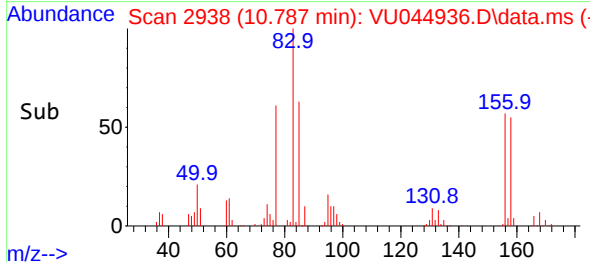
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821



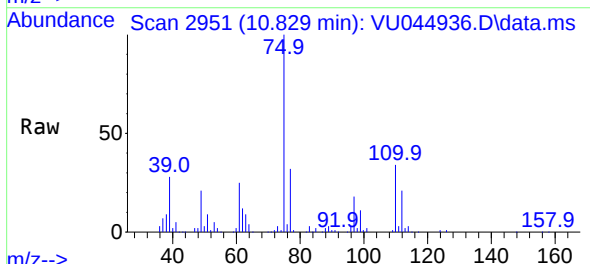
Tgt Ion: 83 Resp: 232762
Ion Ratio Lower Upper
83 100
131 9.0 4.3 13.1
85 63.6 31.9 95.5

Manual Integrations
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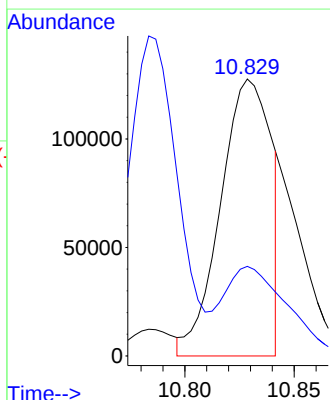
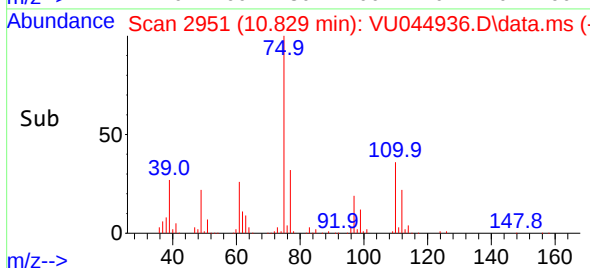
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

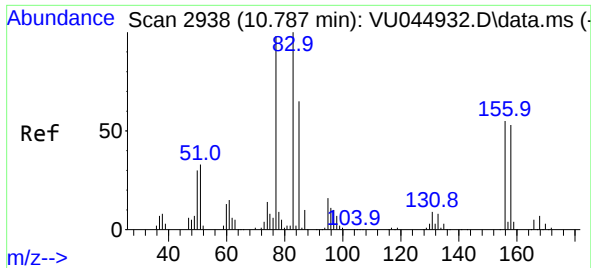


#76
1,2,3-Trichloropropane
Concen: 49.363 ug/l m
RT: 10.829 min Scan# 2951
Delta R.T. 0.001 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00



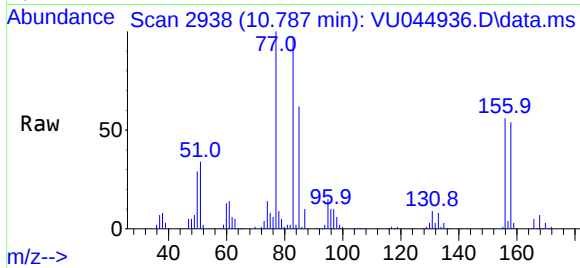
Tgt Ion: 75 Resp: 205522
Ion Ratio Lower Upper
75 100
77 40.0 17.9 53.7





#77
Bromobenzene
Concen: 50.312 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

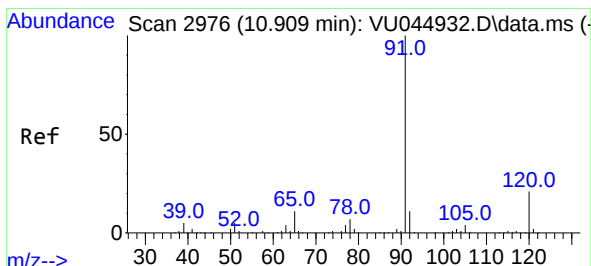
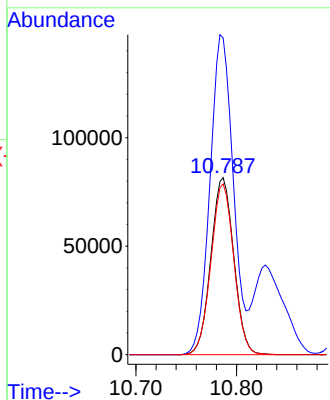
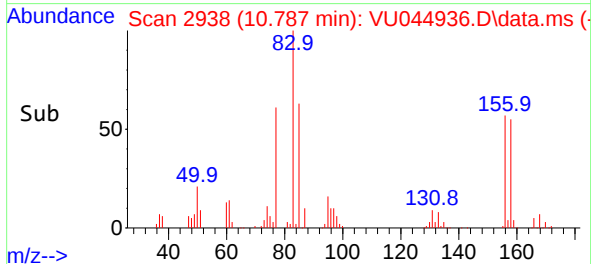
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821



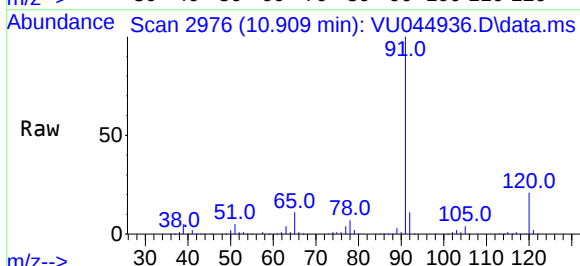
Tgt Ion:156 Resp: 129139
Ion Ratio Lower Upper
156 100
77 182.1 91.1 273.4
158 96.3 48.2 144.6

Manual Integrations
APPROVED

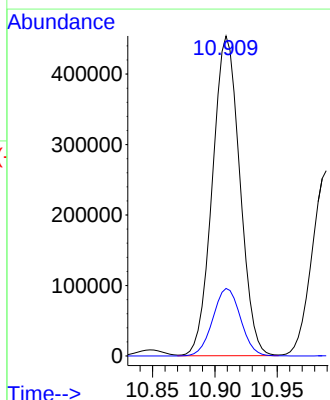
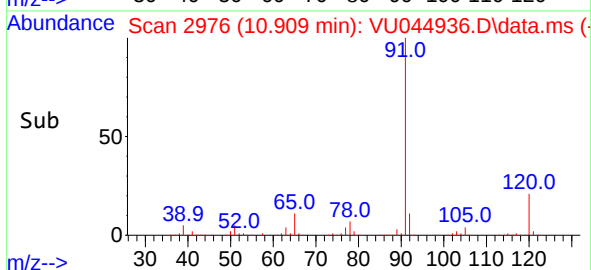
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

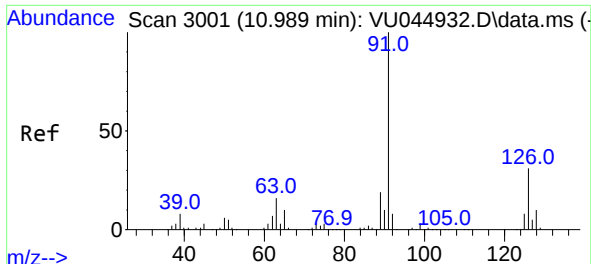


#78
n-propylbenzene
Concen: 53.577 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00



Tgt Ion: 91 Resp: 694014
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.4





#79
2-Chlorotoluene
Concen: 50.827 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Instrument :

MSVOA_U

ClientSampleId :

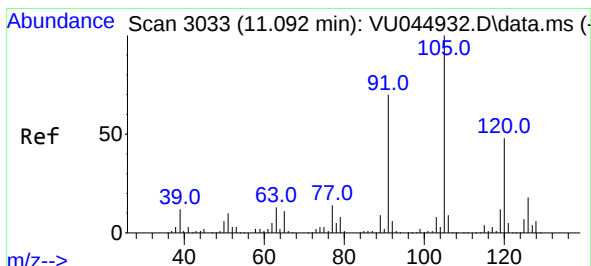
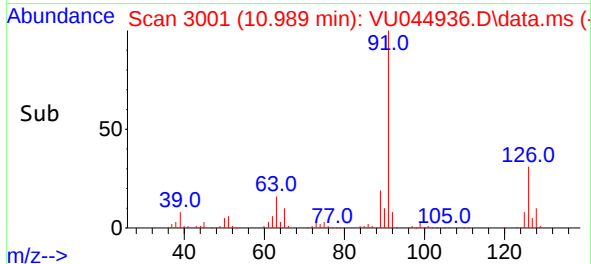
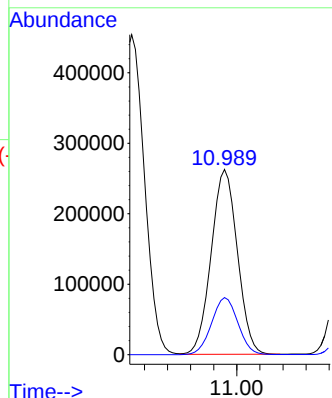
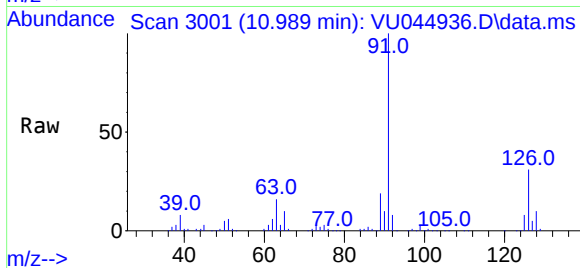
ICVVU092821

Tgt Ion: 91 Resp: 41269
Ion Ratio Lower Upper
91 100
126 31.1 15.7 47.0

Manual Integrations

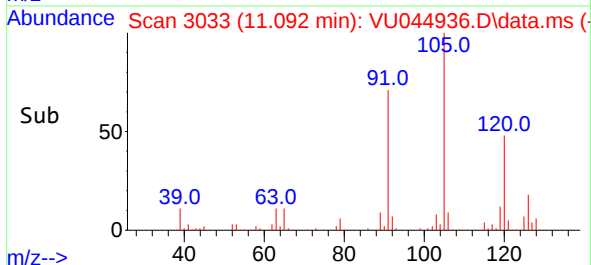
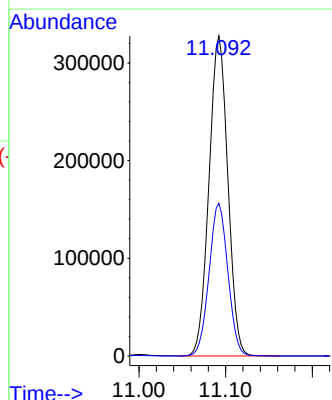
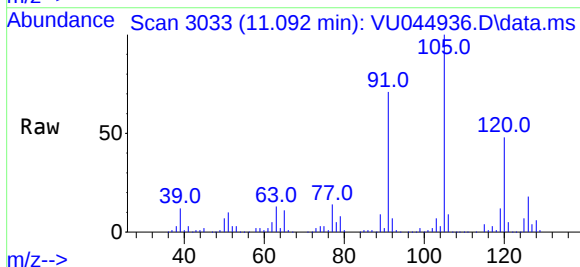
APPROVED

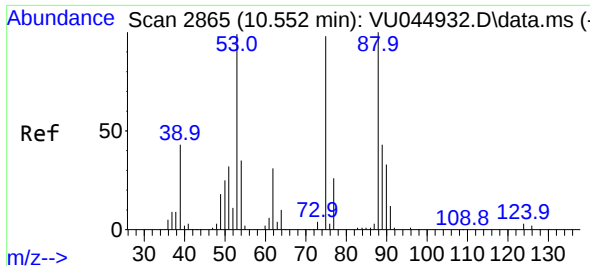
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#80
1,3,5-Trimethylbenzene
Concen: 53.182 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

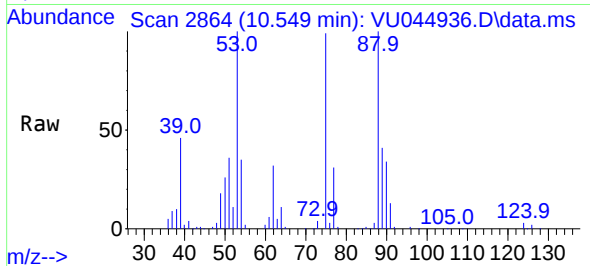
Tgt Ion:105 Resp: 495231
Ion Ratio Lower Upper
105 100
120 47.6 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 51.846 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.003 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

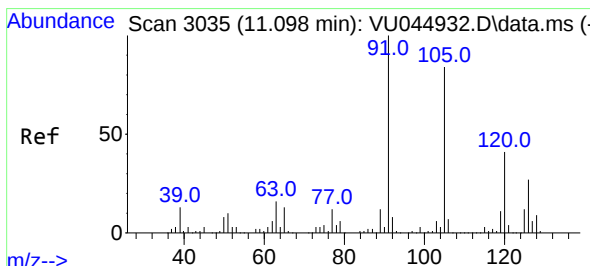
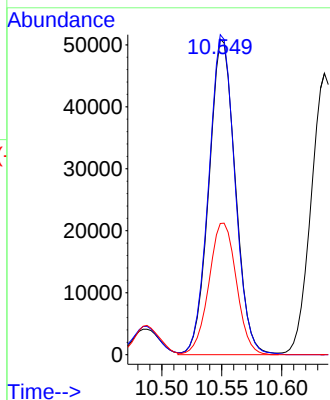
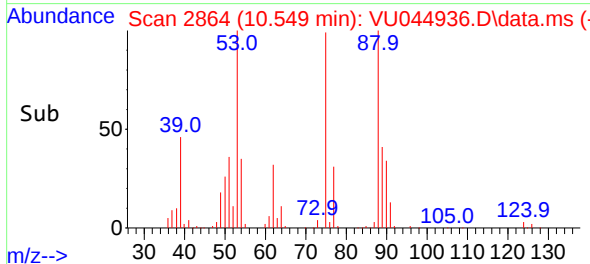
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821



Tgt Ion: 75 Resp: 7778
Ion Ratio Lower Upper
75 100
53 101.0 82.0 123.0
89 43.5 34.2 51.4

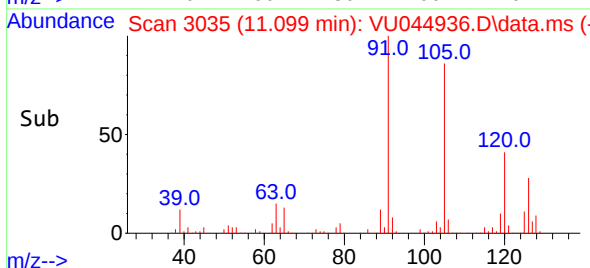
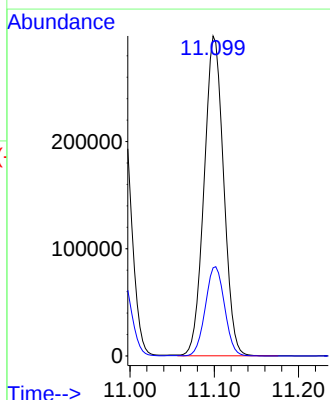
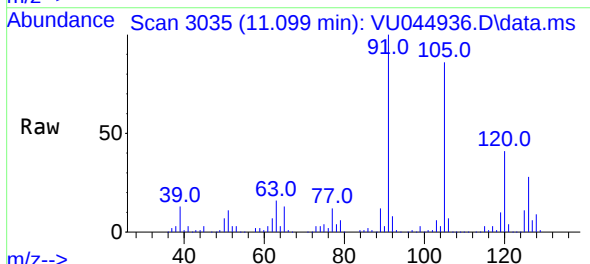
Manual Integrations
APPROVED

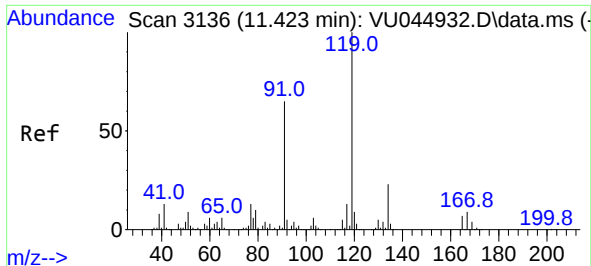
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#82
4-Chlorotoluene
Concen: 52.305 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.001 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

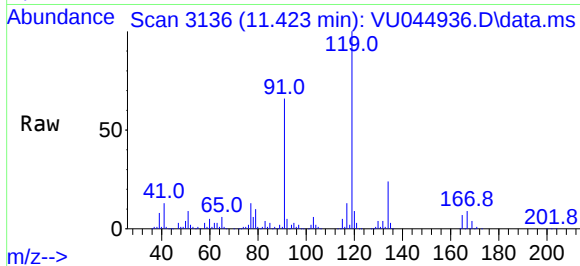
Tgt Ion: 91 Resp: 480048
Ion Ratio Lower Upper
91 100
126 27.5 13.8 41.4





#83
tert-Butylbenzene
Concen: 51.620 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

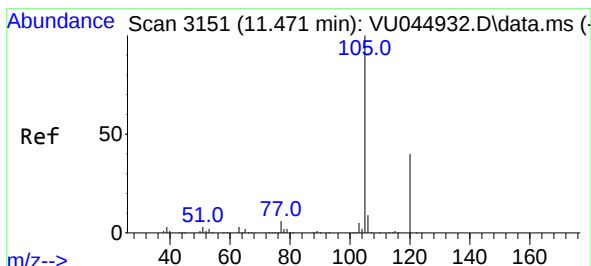
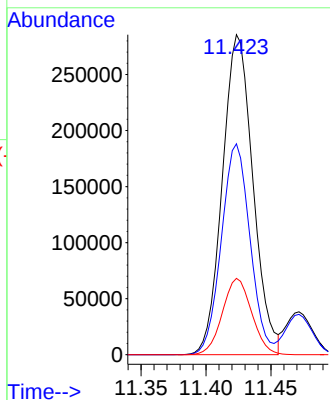
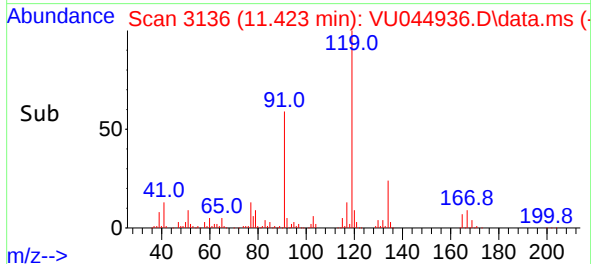
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821



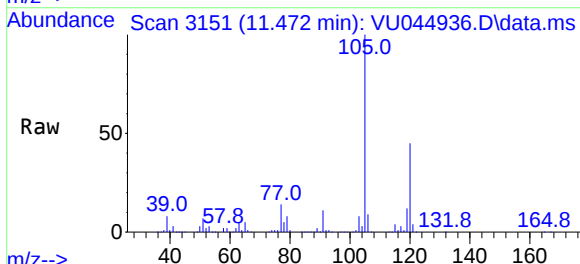
Tgt Ion:119 Resp: 467540
Ion Ratio Lower Upper
119 100
91 61.9 30.4 91.2
134 22.8 11.5 34.5

Manual Integrations
APPROVED

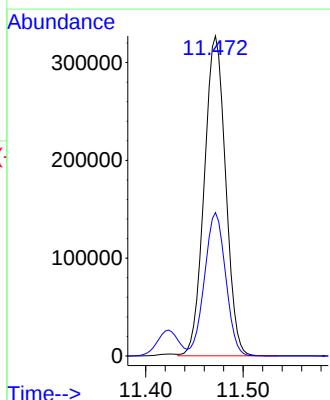
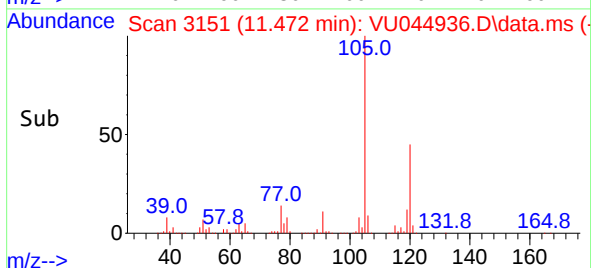
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#84
1,2,4-Trimethylbenzene
Concen: 54.046 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00



Tgt Ion:105 Resp: 497902
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.3





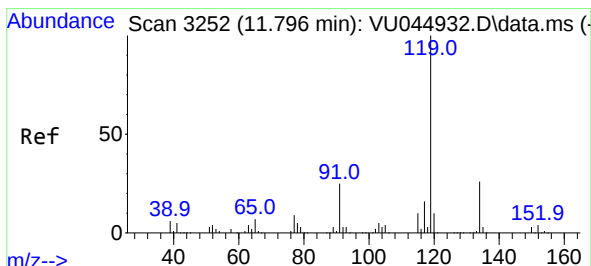
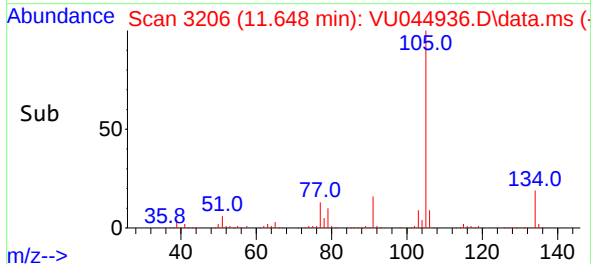
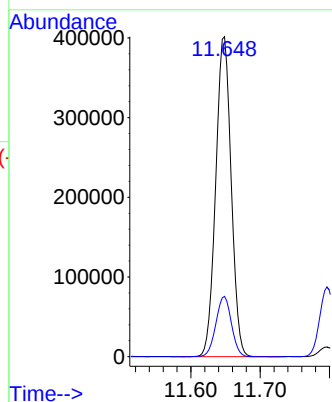
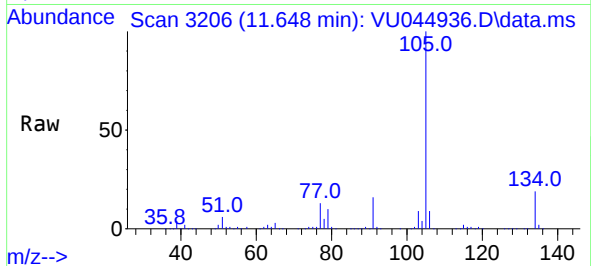
#85
 sec-Butylbenzene
 Concen: 53.258 ug/l
 RT: 11.648 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU044936.D
 Acq: 28 Sep 2021 13:00

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU092821

Tgt Ion:105 Resp: 62121
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.3 28.0

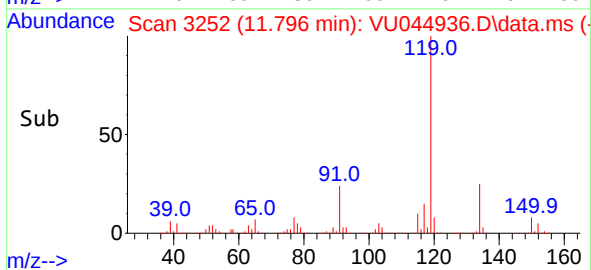
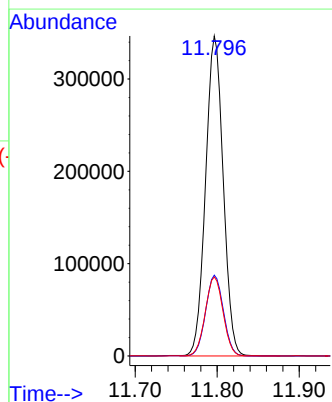
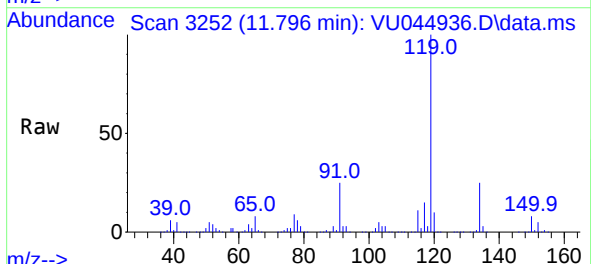
Manual Integrations
 APPROVED

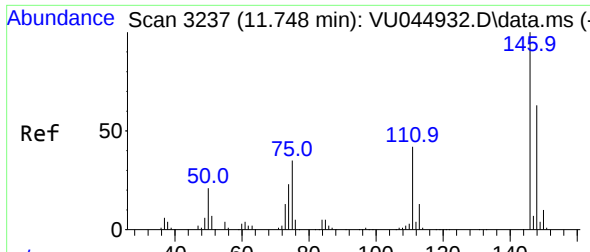
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021



#86
 p-Isopropyltoluene
 Concen: 55.098 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU044936.D
 Acq: 28 Sep 2021 13:00

Tgt Ion:119 Resp: 516969
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 25.0 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 52.174 ug/l

RT: 11.748 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU044936.D

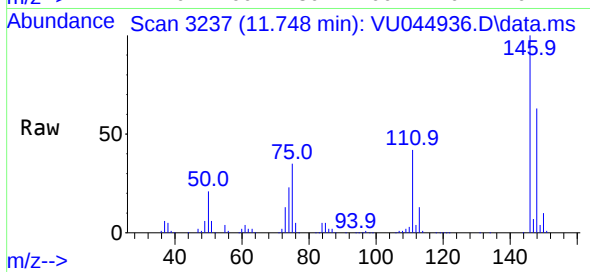
Acq: 28 Sep 2021 13:00

Instrument :

MSVOA_U

ClientSampleId :

ICVVU092821



Tgt Ion:146 Resp: 256450

Ion Ratio Lower Upper

146 100

111 42.1 21.2 63.6

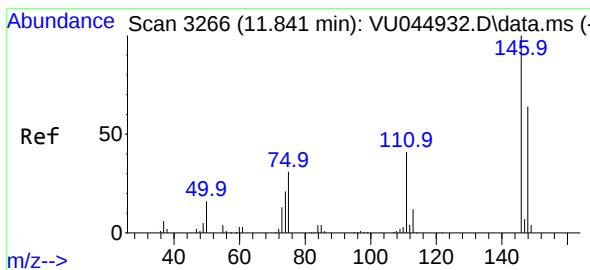
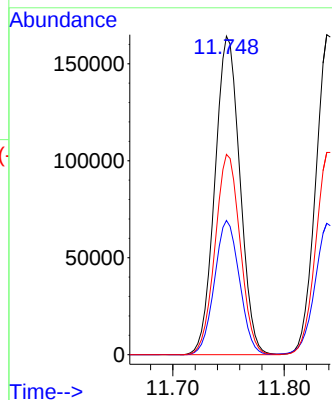
148 63.2 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#88

1,4-Dichlorobenzene

Concen: 51.613 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. -0.003 min

Lab File: VU044936.D

Acq: 28 Sep 2021 13:00

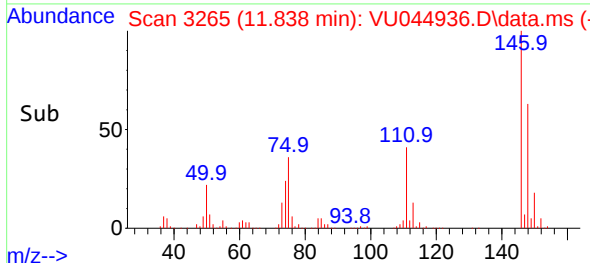
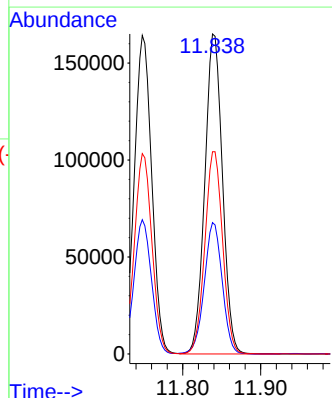
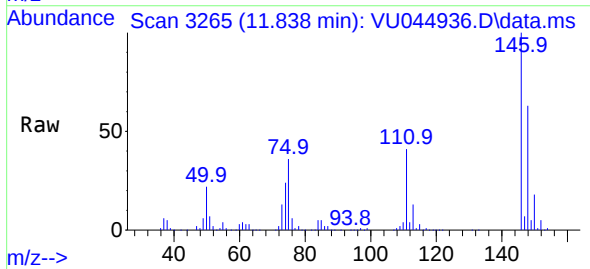
Tgt Ion:146 Resp: 259530

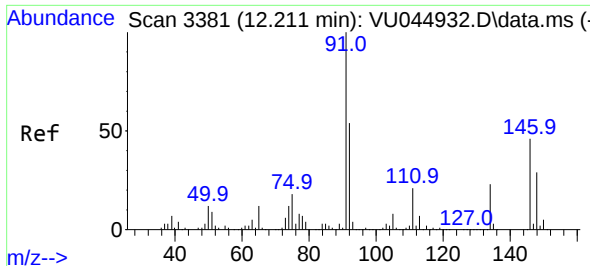
Ion Ratio Lower Upper

146 100

111 41.8 20.3 61.0

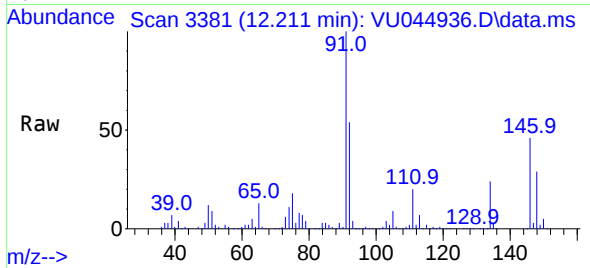
148 63.8 31.8 95.3





#89
n-Butylbenzene
Concen: 56.460 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

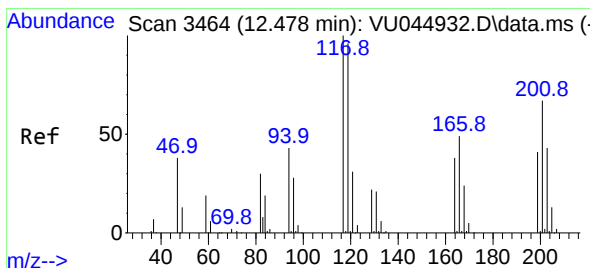
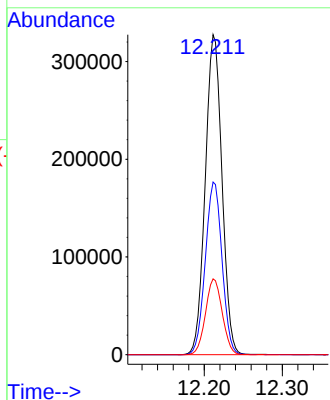
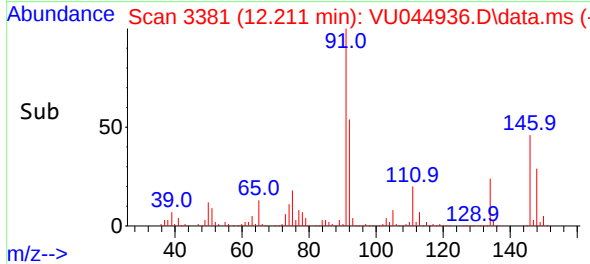
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821



Tgt Ion: 91 Resp: 487920
Ion Ratio Lower Upper
91 100
92 53.9 26.8 80.4
134 23.7 11.8 35.4

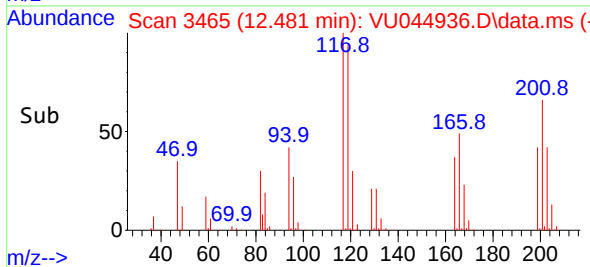
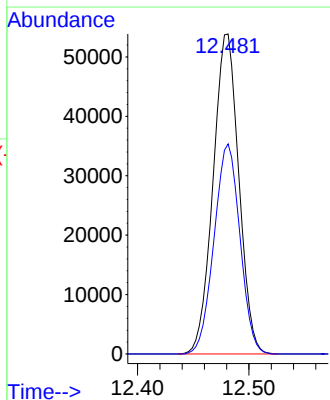
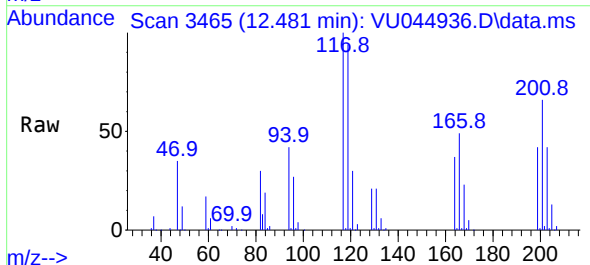
Manual Integrations
APPROVED

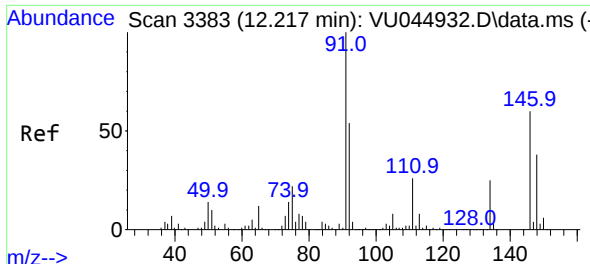
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#90
Hexachloroethane
Concen: 51.092 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. 0.003 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Tgt Ion:117 Resp: 86566
Ion Ratio Lower Upper
117 100
201 66.0 34.8 104.3





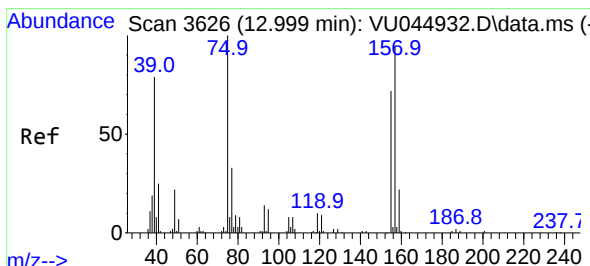
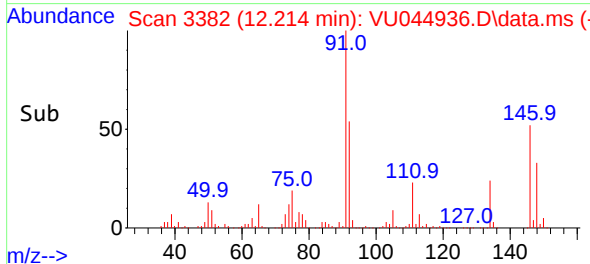
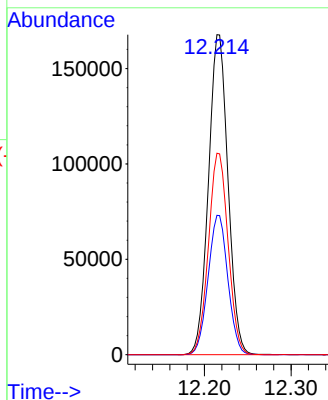
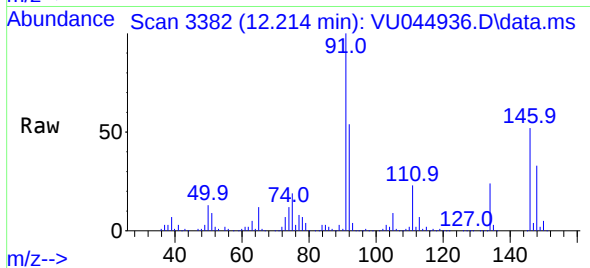
#91
1,2-Dichlorobenzene
Concen: 52.263 ug/l
RT: 12.214 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821

Tgt Ion:146 Resp: 262609
Ion Ratio Lower Upper
146 100
111 44.1 21.4 64.3
148 63.4 31.8 95.3

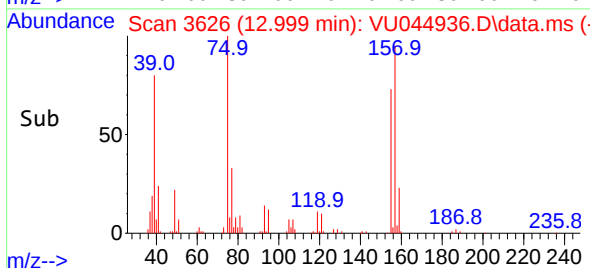
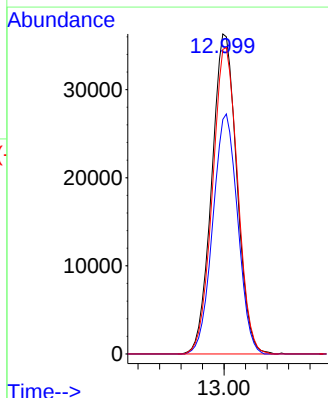
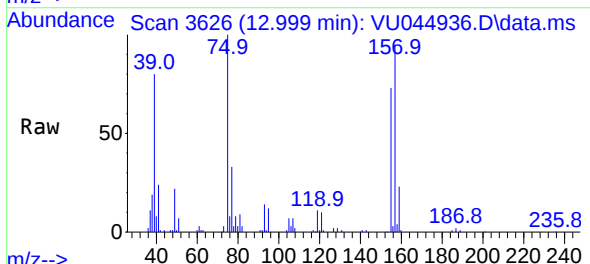
Manual Integrations
APPROVED

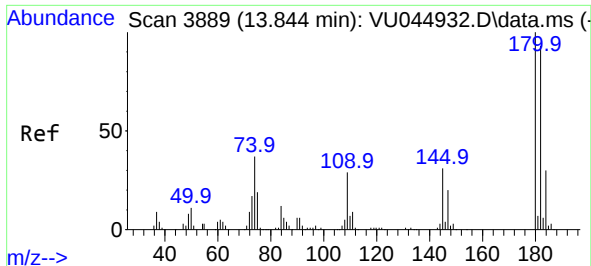
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.214 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

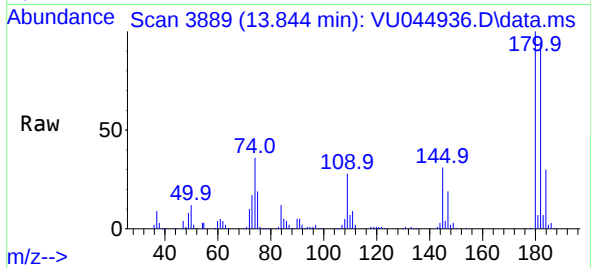
Tgt Ion: 75 Resp: 58834
Ion Ratio Lower Upper
75 100
155 74.3 36.9 110.6
157 95.8 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 57.200 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

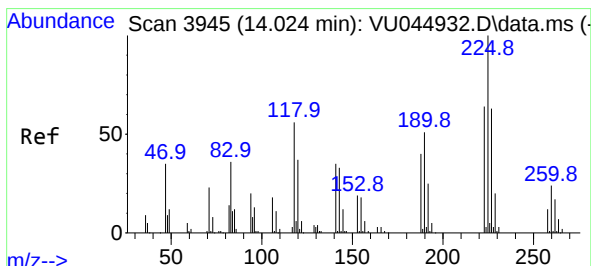
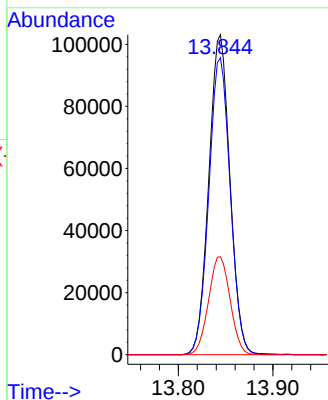
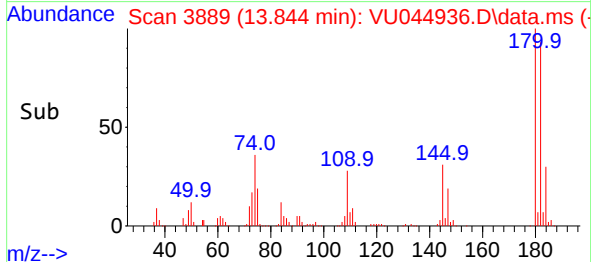
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821



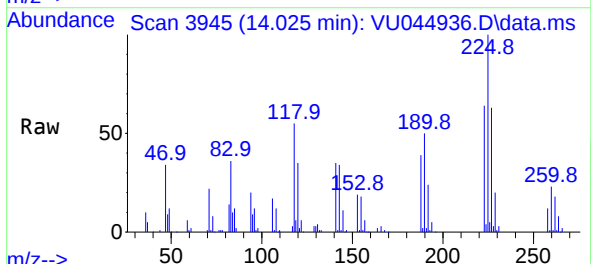
Tgt Ion:180 Resp: 16017
Ion Ratio Lower Upper
180 100
182 94.0 47.4 142.3
145 31.3 15.4 46.2

Manual Integrations
APPROVED

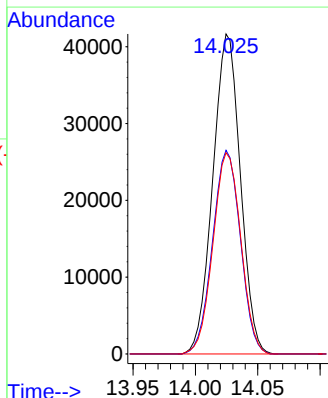
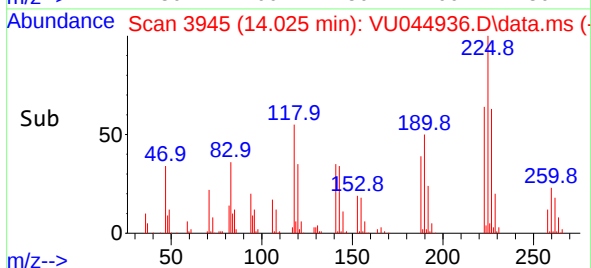
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

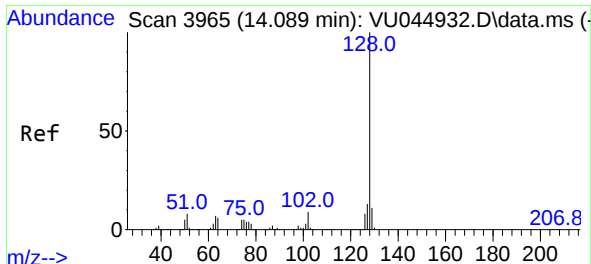


#94
Hexachlorobutadiene
Concen: 54.810 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.001 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00



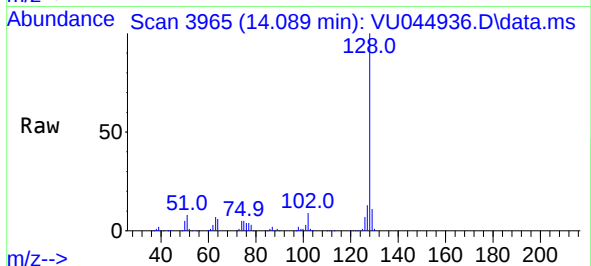
Tgt Ion:225 Resp: 64070
Ion Ratio Lower Upper
225 100
223 64.3 31.1 93.3
227 63.6 31.4 94.3





#95
Naphthalene
Concen: 56.023 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00

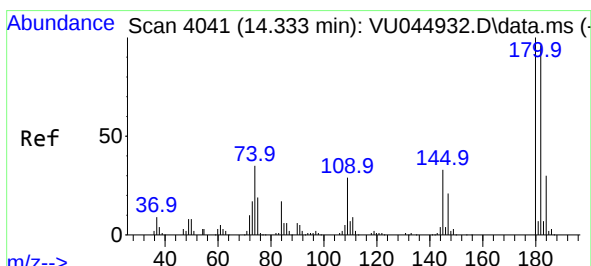
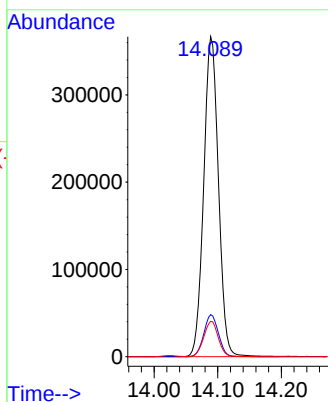
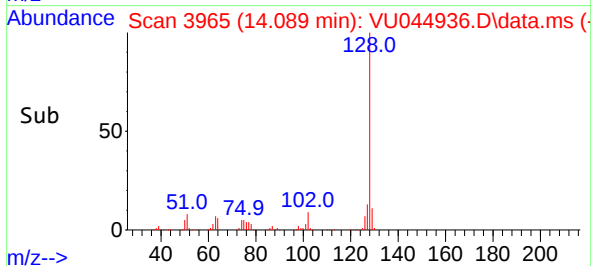
Instrument :
MSVOA_U
ClientSampleId :
ICVVU092821



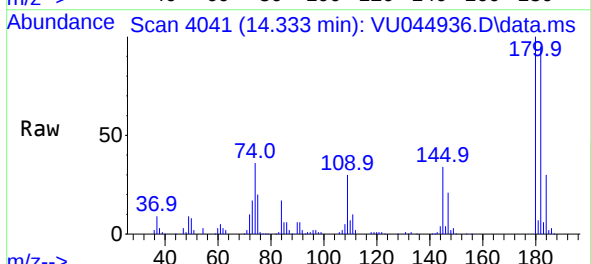
Tgt Ion:128 Resp: 590029
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#96
1,2,3-Trichlorobenzene
Concen: 56.051 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU044936.D
Acq: 28 Sep 2021 13:00



Tgt Ion:180 Resp: 157630
Ion Ratio Lower Upper
180 100
182 95.0 47.1 141.4
145 33.2 16.4 49.2

