

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044930.D
 Acq On : 28 Sep 2021 10:37
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Sep 28 11:56:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 11:55:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	147651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	267477	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	248396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	124708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	12669	4.995	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.000%		
35) Dibromofluoromethane	5.292	113	8613	4.783	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.560%		
50) Toluene-d8	7.899	98	32633	4.768	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	9.540%		
62) 4-Bromofluorobenzene	10.636	95	12676	4.856	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	9126	5.093	ug/l	96
3) Chloromethane	1.520	50	12132	4.581	ug/l	100
4) Vinyl Chloride	1.607	62	12270	4.890	ug/l	90
5) Bromomethane	1.832	94	5242	4.117	ug/l	100
6) Chloroethane	1.906	64	10623	5.389	ug/l	98
7) Trichlorofluoromethane	2.121	101	16466	5.286	ug/l	99
8) Diethyl Ether	2.375	74	7310	5.148	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.572	101	9440	5.224	ug/l	98
10) Methyl Iodide	2.720	142	7711	3.929	ug/l	100
11) Tert butyl alcohol	3.237	59	17685	23.421	ug/l	100
12) 1,1-Dichloroethene	2.575	96	8852	4.936	ug/l	96
13) Acrolein	2.485	56	6124	30.864	ug/l	97
14) Allyl chloride	2.922	41	16905	4.911	ug/l	98
15) Acrylonitrile	3.318	53	36675	23.608	ug/l	99
16) Acetone	2.633	43	37699	25.576	ug/l	97
17) Carbon Disulfide	2.790	76	25346	5.004	ug/l	99
18) Methyl Acetate	2.951	43	22673	4.723	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	34122	5.094	ug/l	96
20) Methylene Chloride	3.047	84	11305	4.796	ug/l	97
21) trans-1,2-Dichloroethene	3.353	96	9861	5.149	ug/l	94
22) Diisopropyl ether	3.999	45	34068	4.999	ug/l	99
23) Vinyl Acetate	3.957	43	131785	23.621	ug/l	98
24) 1,1-Dichloroethane	3.871	63	19452	4.922	ug/l	97
25) 2-Butanone	4.713	43	53627	24.381	ug/l	98
26) 2,2-Dichloropropane	4.668	77	16209	5.332	ug/l	98
27) cis-1,2-Dichloroethene	4.665	96	11456	4.920	ug/l	99
28) Bromochloromethane	4.977	49	8401	4.571	ug/l #	94
29) Tetrahydrofuran	5.057	42	31284	22.897	ug/l	96
30) Chloroform	5.092	83	19201	4.800	ug/l	99
31) Cyclohexane	5.385	56	21692	5.811	ug/l #	79
32) 1,1,1-Trichloroethane	5.317	97	16321	5.045	ug/l	97
36) 1,1-Dichloropropene	5.526	75	14228	4.986	ug/l	99
37) Ethyl Acetate	4.809	43	18603	4.520	ug/l	99
38) Carbon Tetrachloride	5.526	117	12239	4.828	ug/l	99
39) Methylcyclohexane	6.764	83	16831	5.159	ug/l	95
40) Benzene	5.777	78	42454	4.894	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	9633	4.677	ug/l	93
42) 1,2-Dichloroethane	5.797	62	16835	4.923	ug/l	98
43) Isopropyl Acetate	5.916	43	28735	4.928	ug/l	99
44) Trichloroethene	6.546	130	10171	4.871	ug/l	94
45) 1,2-Dichloropropane	6.793	63	11278	4.853	ug/l	97
46) Dibromomethane	6.922	93	7764	4.996	ug/l	98
47) Bromodichloromethane	7.108	83	14052	4.593	ug/l	99
48) Methyl methacrylate	6.964	41	13121	4.768	ug/l	97
49) 1,4-Dioxane	6.973	88	7290	103.857	ug/l	97
51) 4-Methyl-2-Pentanone	7.800	43	100724	24.140	ug/l	98
52) Toluene	7.973	92	26668	5.116	ug/l	95
53) t-1,3-Dichloropropene	8.214	75	15316	4.734	ug/l	97
54) cis-1,3-Dichloropropene	7.610	75	16097	4.633	ug/l	98
55) 1,1,2-Trichloroethane	8.404	97	11038	4.963	ug/l	98
56) Ethyl methacrylate	8.340	69	18168	5.088	ug/l	98
57) 1,3-Dichloropropane	8.581	76	20169	5.096	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.465	63	25043	29.483	ug/l	97
59) 2-Hexanone	8.694	43	84079	24.918	ug/l	98
60) Dibromochloromethane	8.813	129	9922	4.643	ug/l	99
61) 1,2-Dibromoethane	8.928	107	11521	4.910	ug/l	100
64) Tetrachloroethene	8.555	164	8608	5.139	ug/l	91
65) Chlorobenzene	9.449	112	27136	5.218	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.539	131	9253	4.992	ug/l	98
67) Ethyl Benzene	9.571	91	47743	5.130	ug/l	98
68) m/p-Xylenes	9.697	106	37327	10.496	ug/l	100
69) o-Xylene	10.105	106	18609	5.377	ug/l	98
70) Styrene	10.118	104	29457	5.059	ug/l	98
71) Bromoform	10.295	173	7320	4.702	ug/l #	97
73) Isopropylbenzene	10.488	105	46686	5.253	ug/l	97
74) N-amyl acetate	10.324	43	22824	5.018	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	21728	5.319	ug/l	100
76) 1,2,3-Trichloropropane	10.832	75	19095m	5.013	ug/l	
77) Bromobenzene	10.787	156	11780	5.506	ug/l	98
78) n-propylbenzene	10.909	91	54851	5.076	ug/l	100
79) 2-Chlorotoluene	10.989	91	37468	5.668	ug/l	97
80) 1,3,5-Trimethylbenzene	11.092	105	41087	5.423	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.552	75	5747	4.766	ug/l	91
82) 4-Chlorotoluene	11.099	91	40142	5.329	ug/l	100
83) tert-Butylbenzene	11.423	119	40706	5.539	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	39830	5.321	ug/l	99
85) sec-Butylbenzene	11.645	105	49642	5.243	ug/l	99
86) p-Isopropyltoluene	11.796	119	39264	5.097	ug/l	98
87) 1,3-Dichlorobenzene	11.748	146	21246	5.101	ug/l	98
88) 1,4-Dichlorobenzene	11.841	146	22469	5.232	ug/l	94
89) n-Butylbenzene	12.211	91	33864	4.775	ug/l	100
90) Hexachloroethane	12.478	117	7395	5.280	ug/l	94
91) 1,2-Dichlorobenzene	12.218	146	23218	5.278	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	4706	4.820	ug/l	93
93) 1,2,4-Trichlorobenzene	13.844	180	10875	4.521	ug/l	97
94) Hexachlorobutadiene	14.025	225	5082	4.780	ug/l	94
95) Naphthalene	14.092	128	39943	4.772	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	11123	4.586	ug/l	98

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

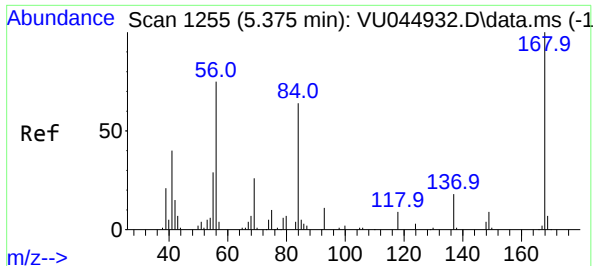
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 11:55:17 2021
Response via : Initial Calibration

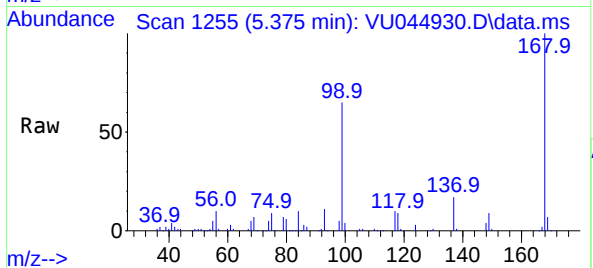
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

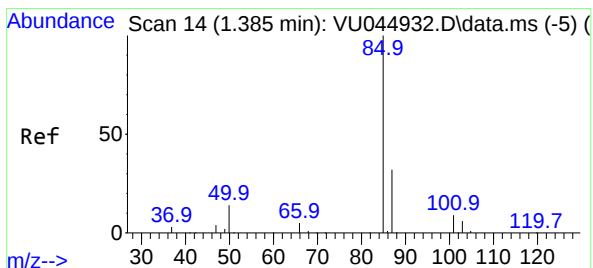
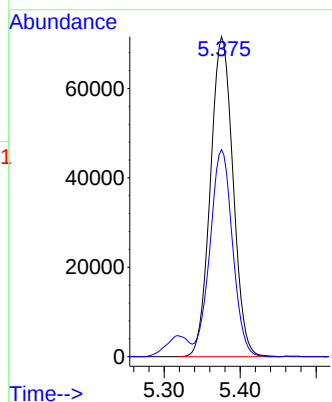
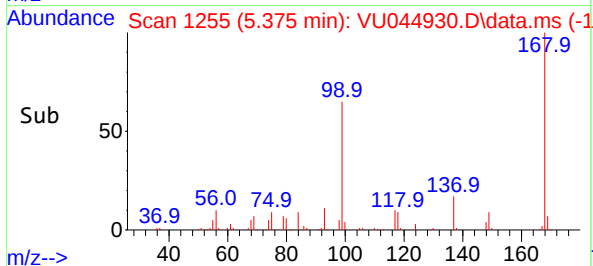
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 14765
Ion Ratio Lower Upper
168 100
99 64.7 51.4 77.0

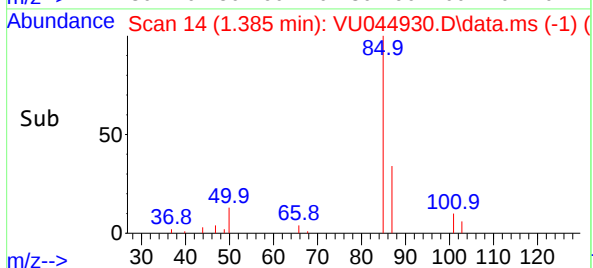
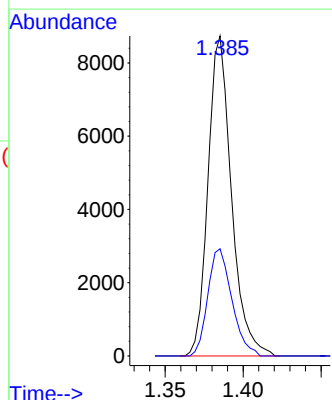
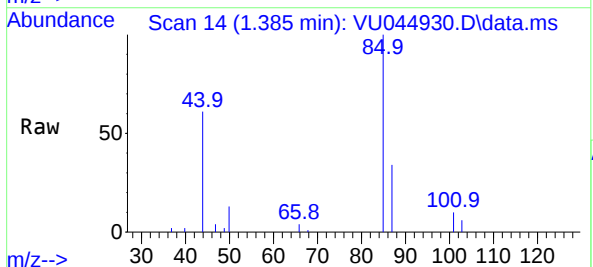
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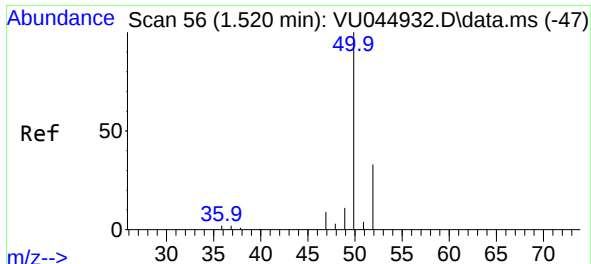
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#2
Dichlorodifluoromethane
Concen: 5.093 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

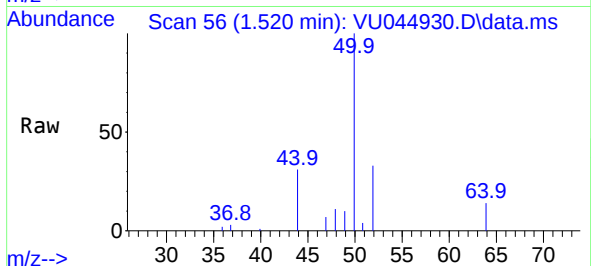
Tgt Ion: 85 Resp: 9126
Ion Ratio Lower Upper
85 100
87 33.5 15.7 47.0





#3
Chloromethane
Concen: 4.581 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

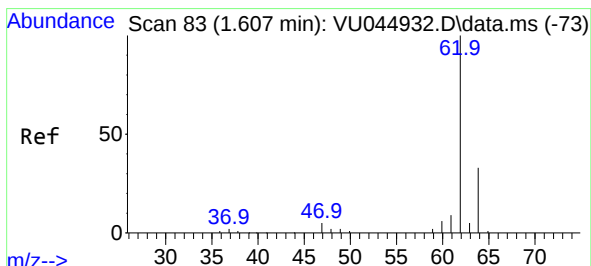
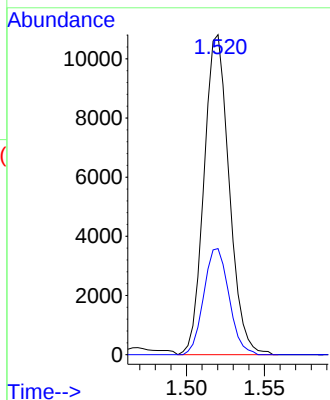
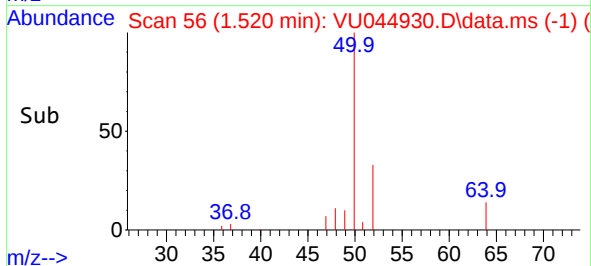
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



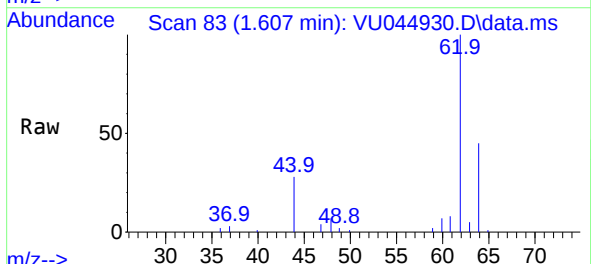
Tgt Ion: 50 Resp: 1213
Ion Ratio Lower Upper
50 100
52 33.2 26.3 39.5

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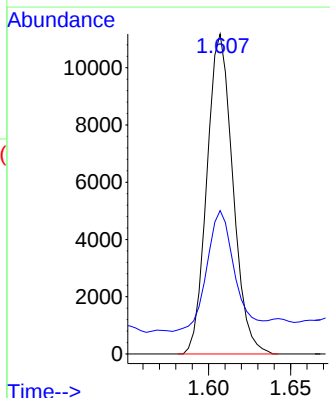
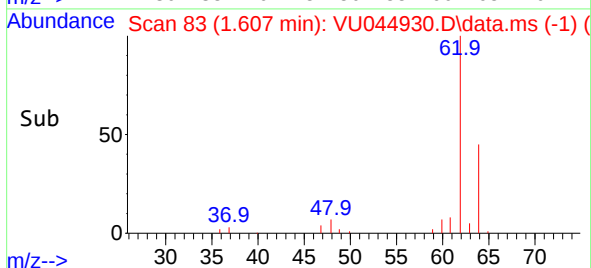
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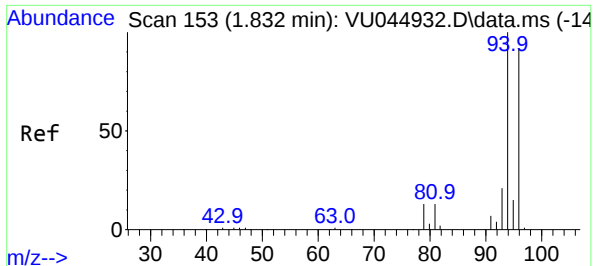


#4
Vinyl Chloride
Concen: 4.890 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37



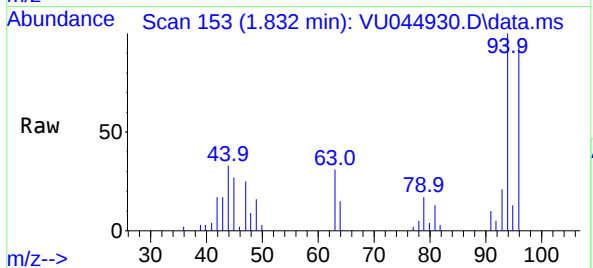
Tgt Ion: 62 Resp: 12270
Ion Ratio Lower Upper
62 100
64 37.3 25.6 38.4





#5
Bromomethane
Concen: 4.117 ug/l
RT: 1.832 min Scan# 153
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

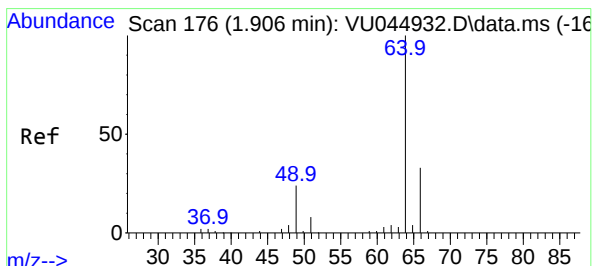
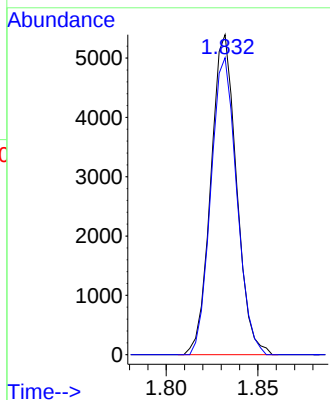
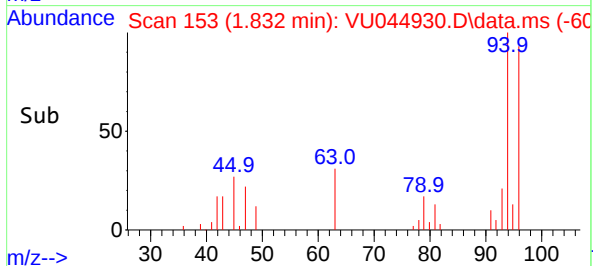
Instrument :
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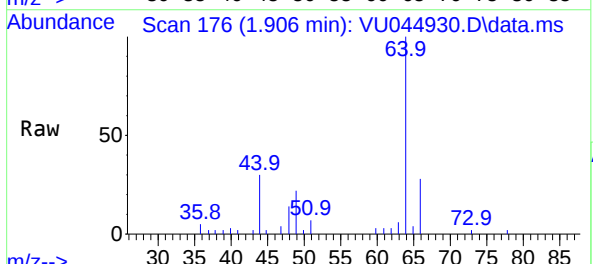
Tgt Ion: 94 Resp: 524
Ion Ratio Lower Upper
94 100
96 92.8 74.5 111.7

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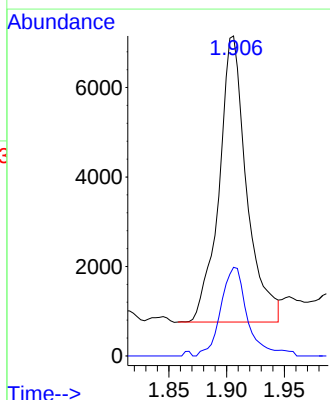
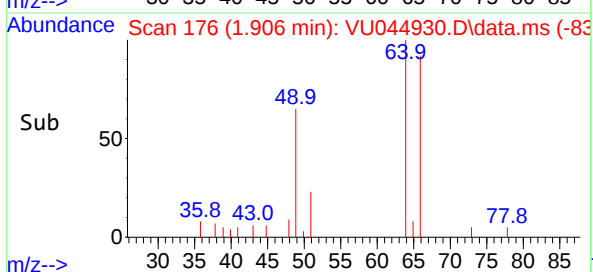
Reviewed By :John Carlone 09/29/2021
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#6
Chloroethane
Concen: 5.389 ug/l
RT: 1.906 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37



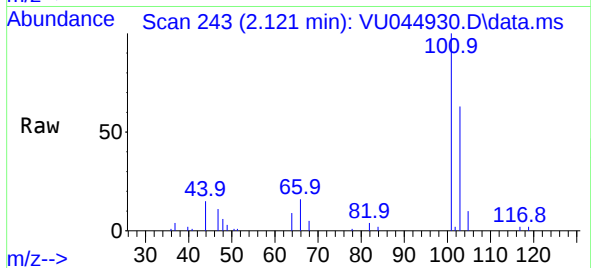
Tgt Ion: 64 Resp: 10623
Ion Ratio Lower Upper
64 100
66 31.0 25.8 38.8





#7
Trichlorofluoromethane
Concen: 5.286 ug/l
RT: 2.121 min Scan# 244
Delta R.T. -0.003 min
Lab File: VU044930.D
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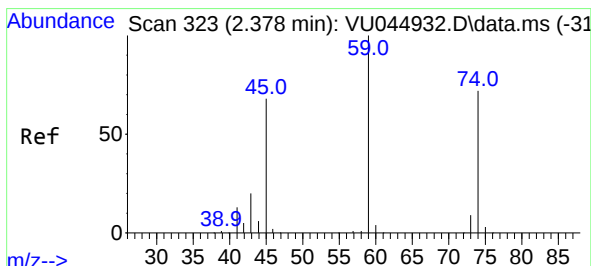
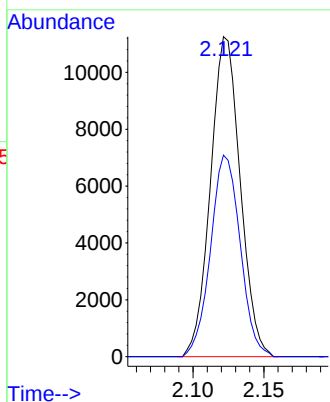
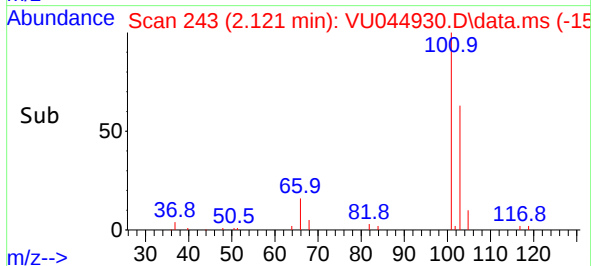
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



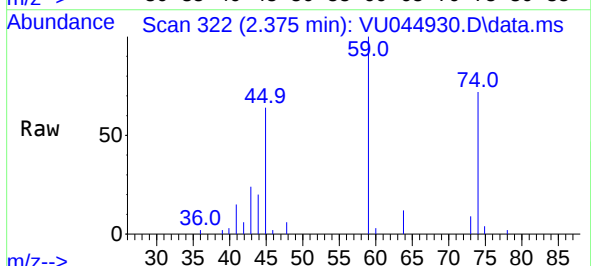
Tgt Ion:101 Resp: 1646
Ion Ratio Lower Upper
101 100
103 63.0 51.2 76.8

Manual Integrations
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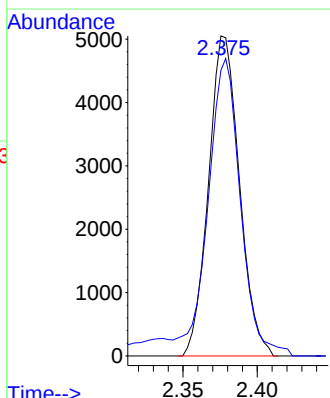
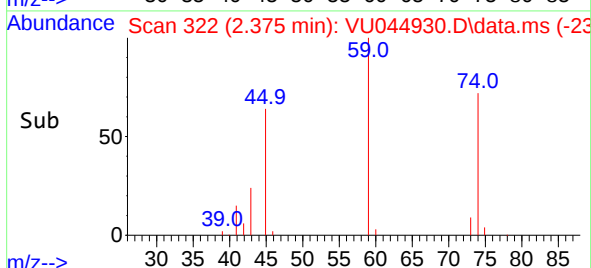
Reviewed By :John Carlone 09/29/2021
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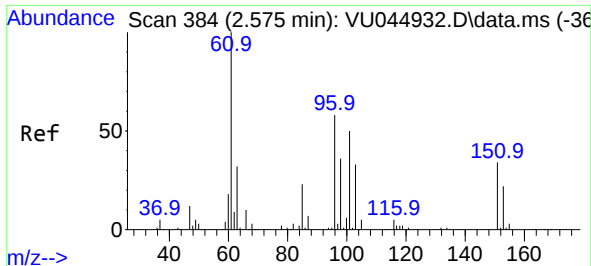


#8
Diethyl Ether
Concen: 5.148 ug/l
RT: 2.375 min Scan# 322
Delta R.T. -0.003 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37



Tgt Ion: 74 Resp: 7310
Ion Ratio Lower Upper
74 100
45 97.4 52.2 156.6





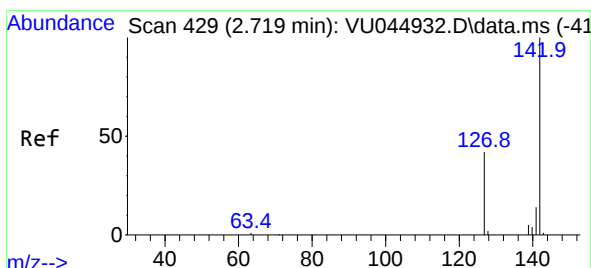
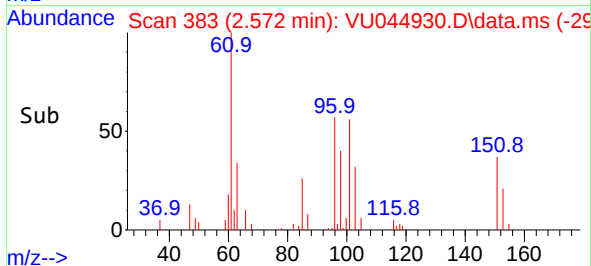
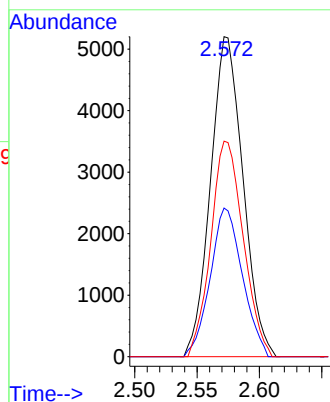
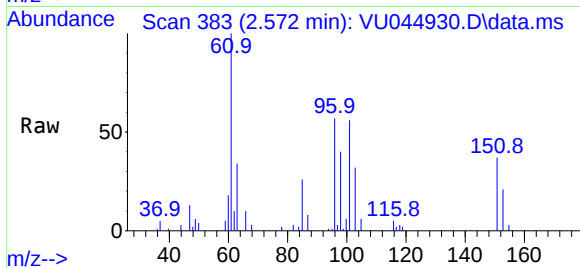
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.224 ug/l
RT: 2.572 min Scan# 384
Delta R.T. -0.003 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 9440
Ion Ratio Lower Upper
101 100
85 46.1 37.2 55.8
151 67.2 55.8 83.8

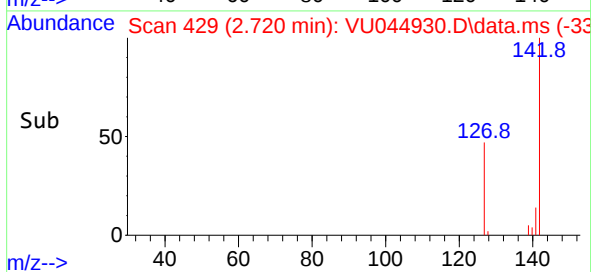
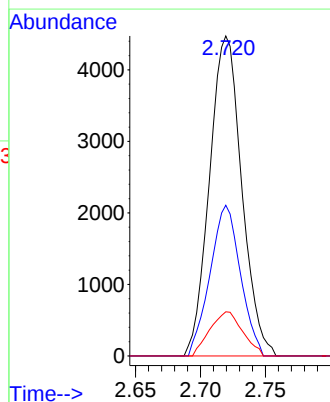
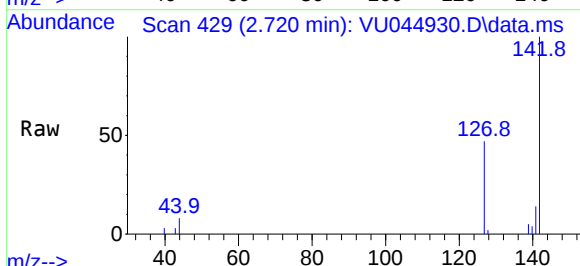
Manual Integrations
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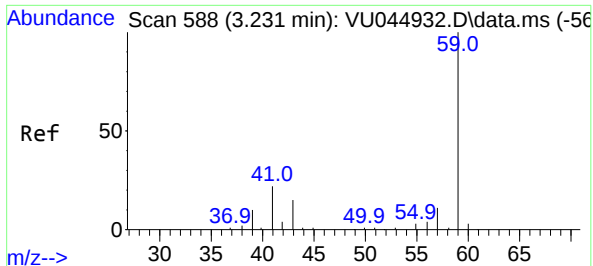
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#10
Methyl Iodide
Concen: 3.929 ug/l
RT: 2.720 min Scan# 429
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Tgt Ion:142 Resp: 7711
Ion Ratio Lower Upper
142 100
127 44.4 35.6 53.4
141 14.1 11.3 16.9





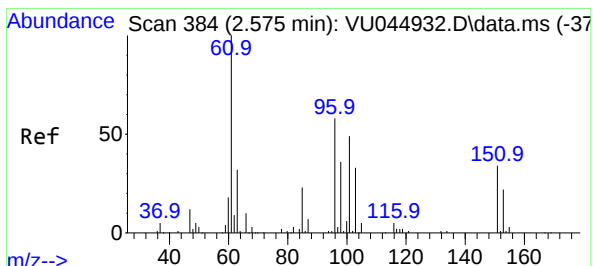
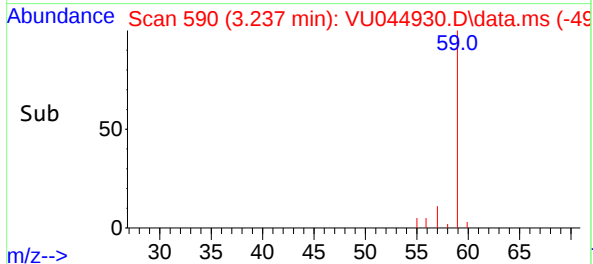
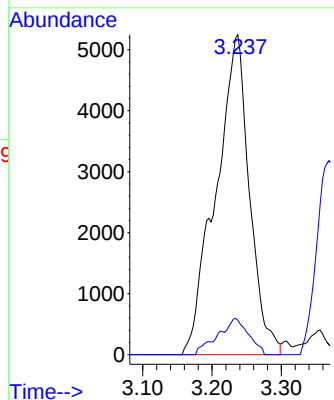
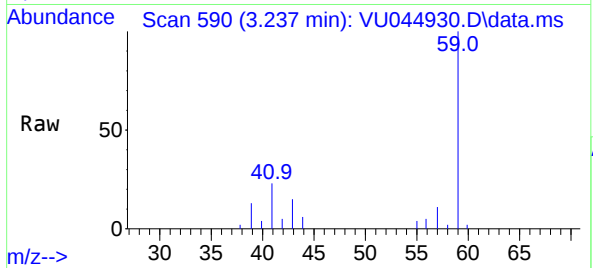
#11
Tert butyl alcohol
Concen: 23.421 ug/l
RT: 3.237 min Scan# 590
Delta R.T. 0.007 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 1768
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

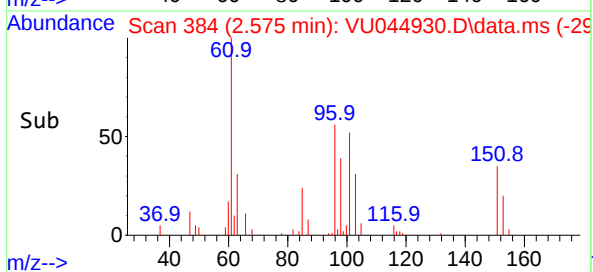
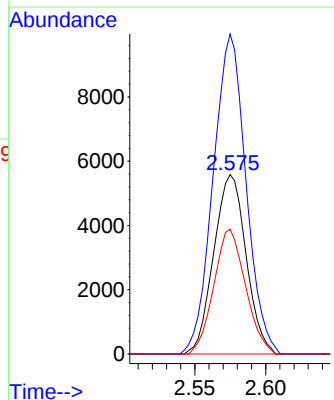
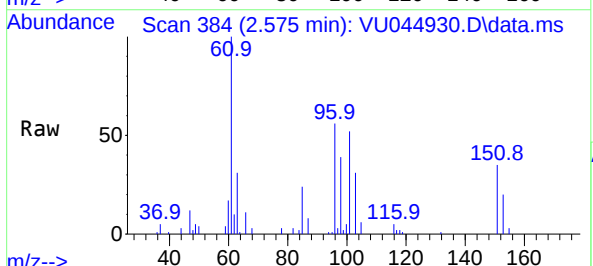
Manual Integrations
APPROVED

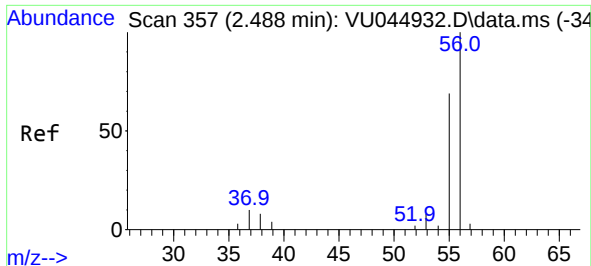
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#12
1,1-Dichloroethene
Concen: 4.936 ug/l
RT: 2.575 min Scan# 384
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

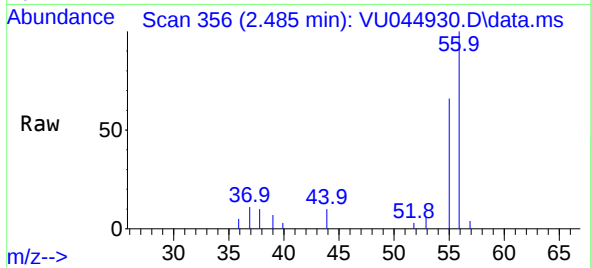
Tgt Ion: 96 Resp: 8852
Ion Ratio Lower Upper
96 100
61 178.4 145.4 218.0
98 69.6 50.9 76.3





#13
Acrolein
Concen: 30.864 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

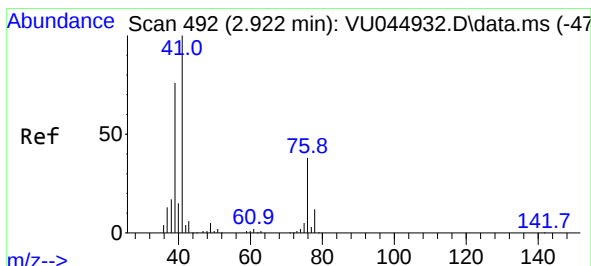
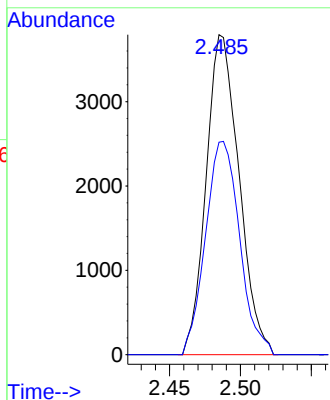
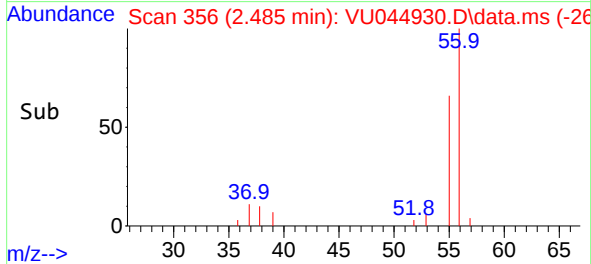
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



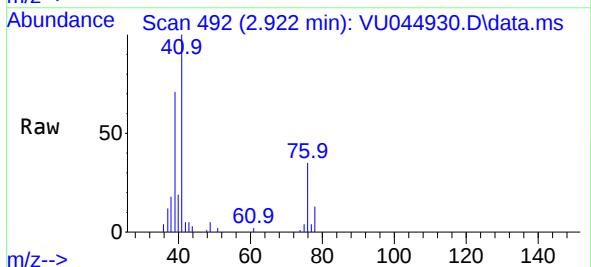
Tgt Ion: 56 Resp: 6124
Ion Ratio Lower Upper
56 100
55 69.3 57.4 86.0

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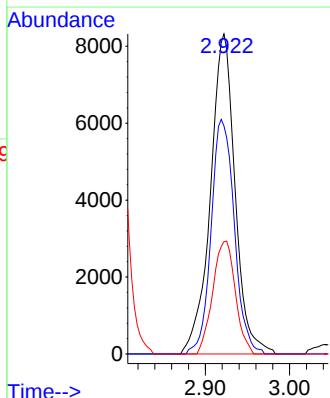
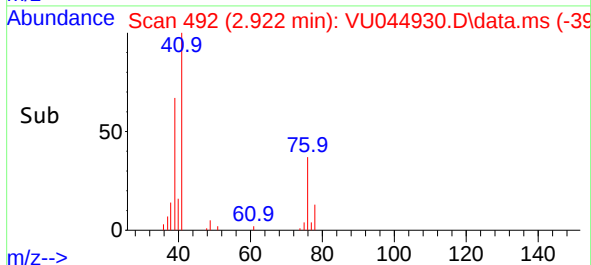
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

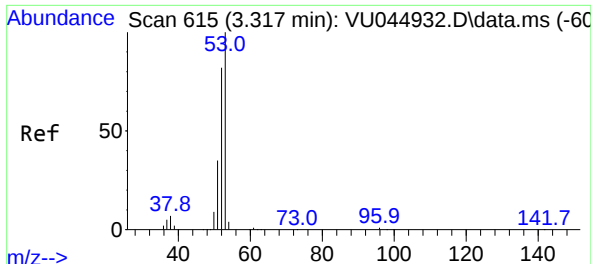


#14
Allyl chloride
Concen: 4.911 ug/l
RT: 2.922 min Scan# 492
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37



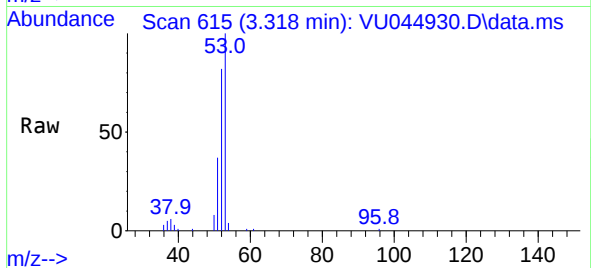
Tgt Ion: 41 Resp: 16905
Ion Ratio Lower Upper
41 100
39 68.8 53.0 79.6
76 32.2 25.7 38.5





#15
Acrylonitrile
Concen: 23.608 ug/l
RT: 3.318 min Scan# 615
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

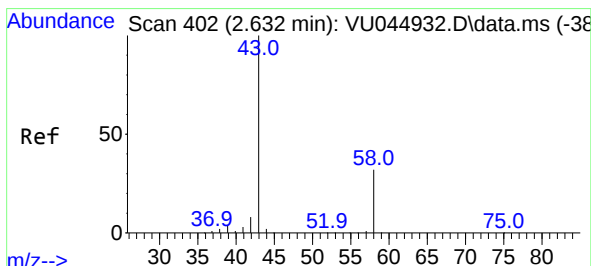
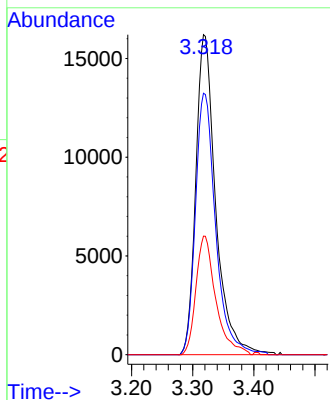
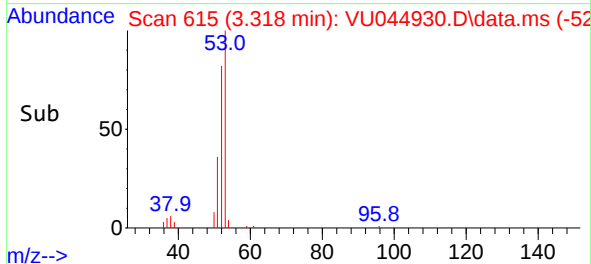
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



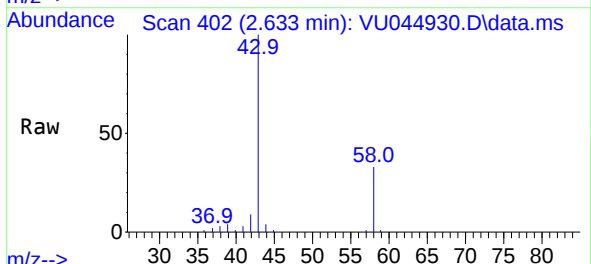
Tgt Ion: 53 Resp: 36679
Ion Ratio Lower Upper
53 100
52 83.1 66.0 99.0
51 37.0 28.6 42.8

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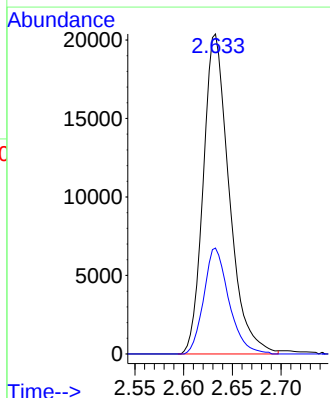
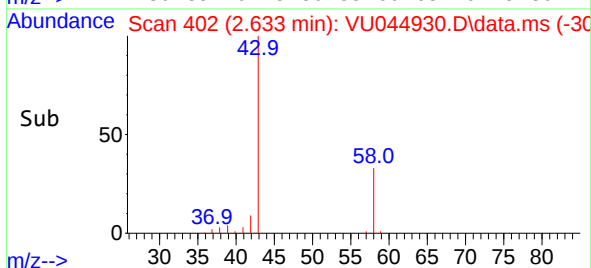
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

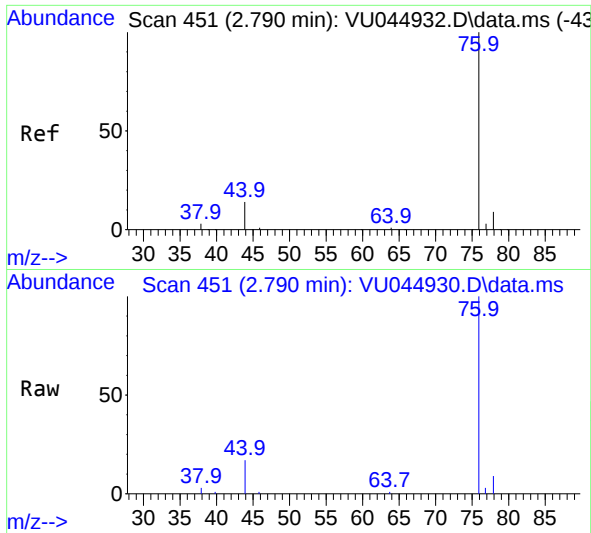


#16
Acetone
Concen: 25.576 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37



Tgt Ion: 43 Resp: 37699
Ion Ratio Lower Upper
43 100
58 33.1 25.2 37.8





#17

Carbon Disulfide

Concen: 5.004 ug/l

RT: 2.790 min Scan# 4

Delta R.T. 0.000 min

Lab File: VU044930.D

Acq: 28 Sep 2021 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 2534

Ion Ratio Lower Upper

76 100

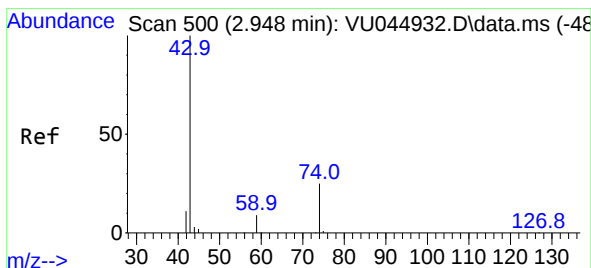
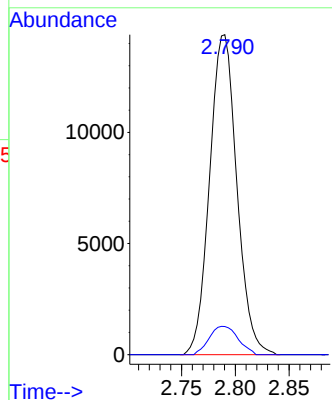
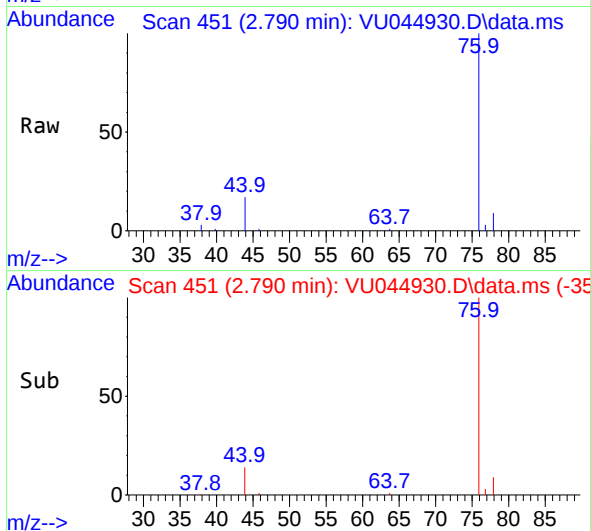
78 8.8 7.4 11.0

Manual Integrations

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Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#18

Methyl Acetate

Concen: 4.723 ug/l

RT: 2.951 min Scan# 501

Delta R.T. 0.003 min

Lab File: VU044930.D

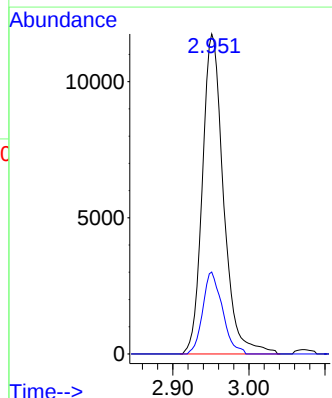
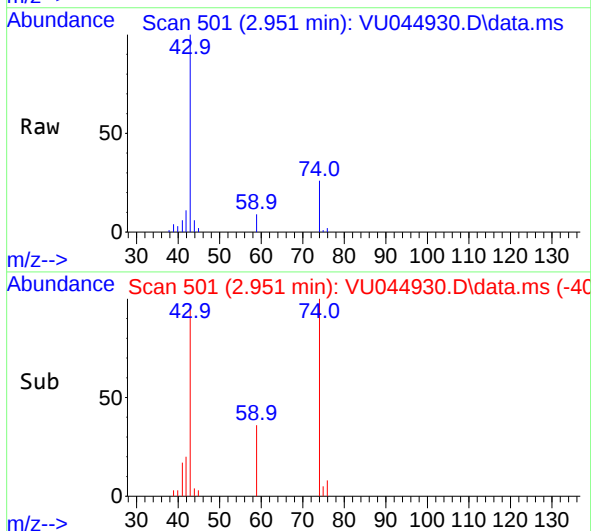
Acq: 28 Sep 2021 10:37

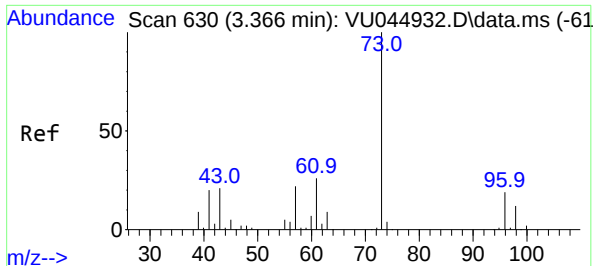
Tgt Ion: 43 Resp: 22673

Ion Ratio Lower Upper

43 100

74 23.8 19.0 28.6





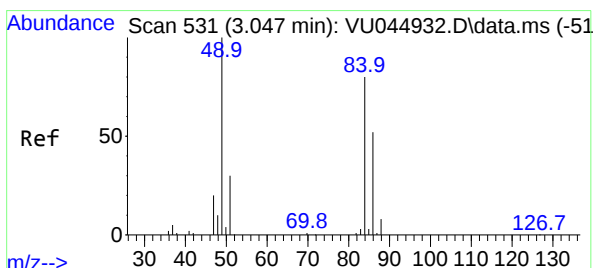
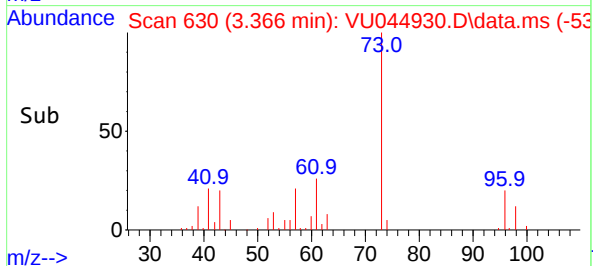
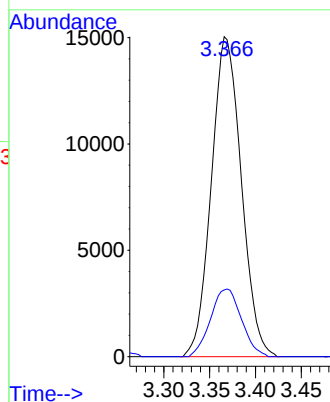
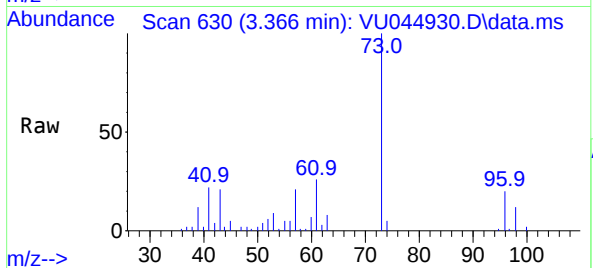
#19
Methyl tert-butyl Ether
Concen: 5.094 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 3412
Ion Ratio Lower Upper
73 100
57 20.9 18.2 27.2

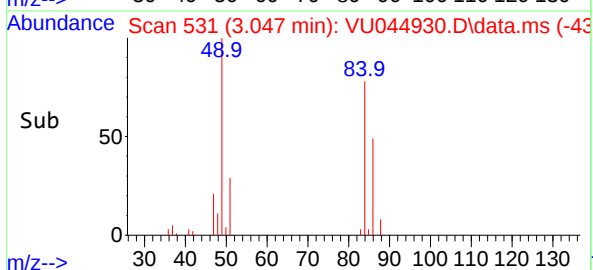
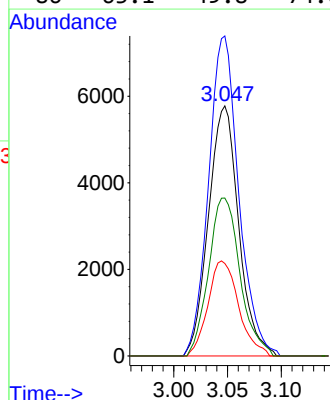
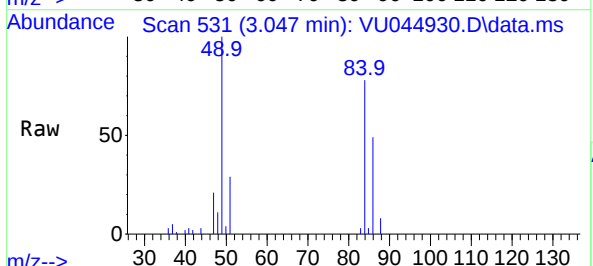
Manual Integrations
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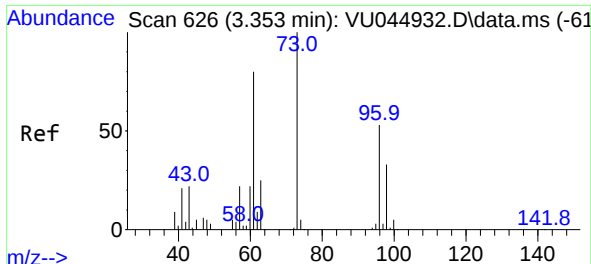
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#20
Methylene Chloride
Concen: 4.796 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

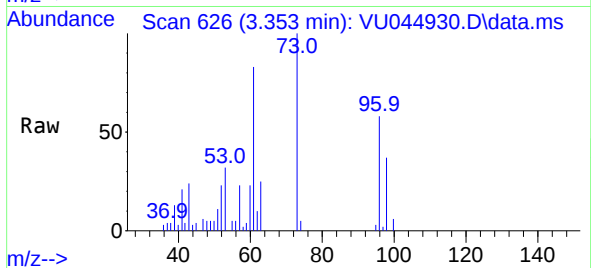
Tgt Ion: 84 Resp: 11305
Ion Ratio Lower Upper
84 100
49 128.0 104.9 157.3
51 37.0 31.8 47.8
86 63.1 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 5.149 ug/l
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

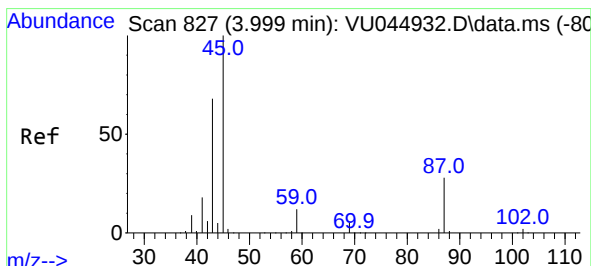
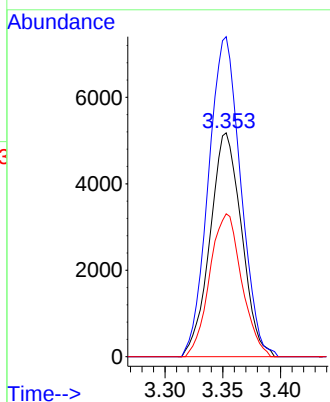
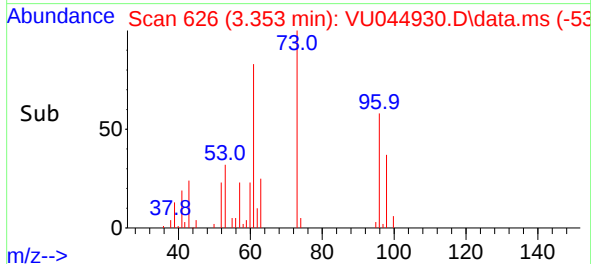
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



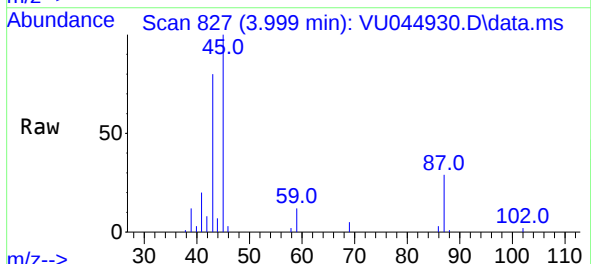
Tgt Ion: 96 Resp: 986
Ion Ratio Lower Upper
96 100
61 142.9 123.2 184.8
98 63.8 51.0 76.6

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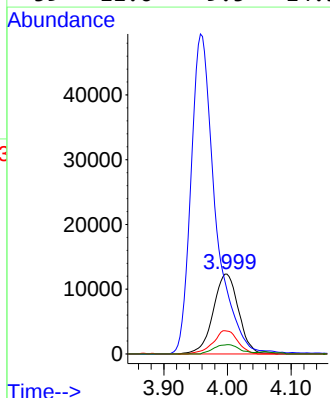
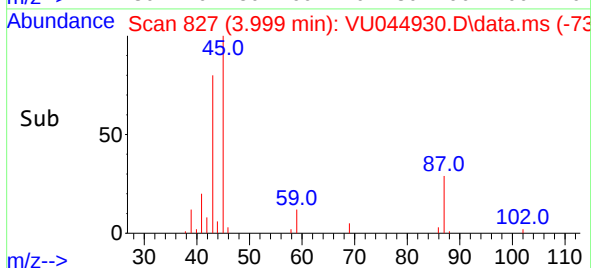
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

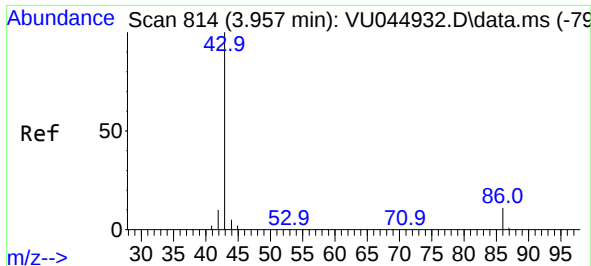


#22
Diisopropyl ether
Concen: 4.999 ug/l
RT: 3.999 min Scan# 827
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37



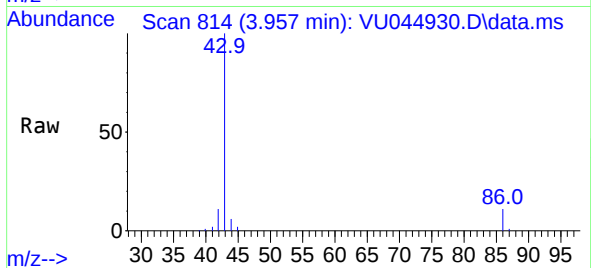
Tgt Ion: 45 Resp: 34068
Ion Ratio Lower Upper
45 100
43 78.0 62.3 93.5
87 28.7 21.0 31.4
59 11.6 9.5 14.3





#23
 Vinyl Acetate
 Concen: 23.621 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. 0.000 min
 Lab File: VU044930.D
 Acq: 28 Sep 2021 10:37

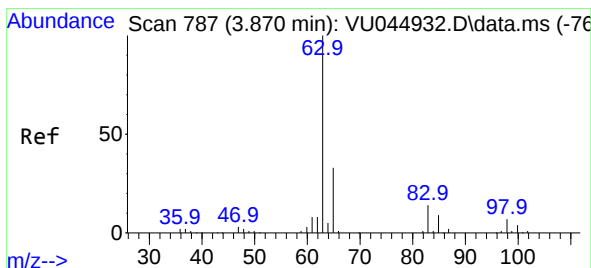
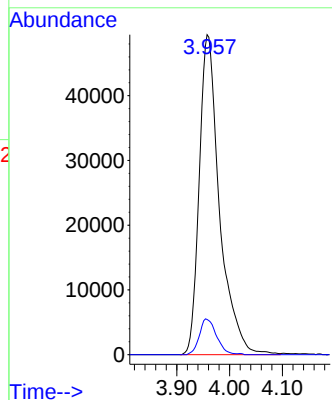
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005



Tgt Ion: 43 Resp: 13178
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.2 12.4

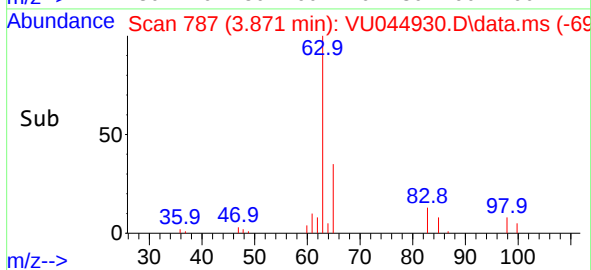
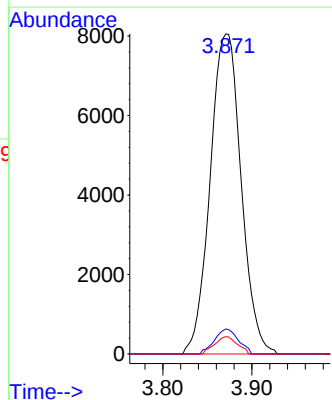
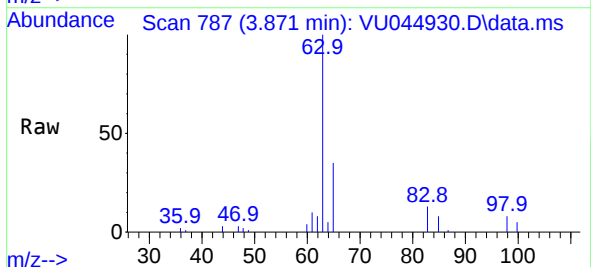
Manual Integrations
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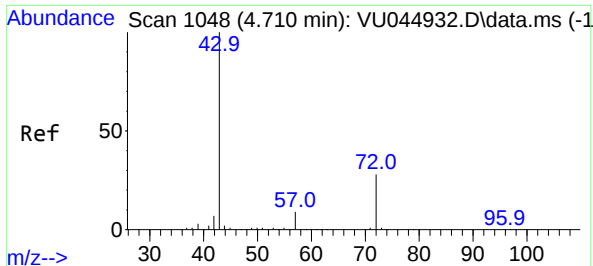
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021



#24
 1,1-Dichloroethane
 Concen: 4.922 ug/l
 RT: 3.871 min Scan# 787
 Delta R.T. 0.000 min
 Lab File: VU044930.D
 Acq: 28 Sep 2021 10:37

Tgt Ion: 63 Resp: 19452
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.4
 100 5.4 2.1 6.3





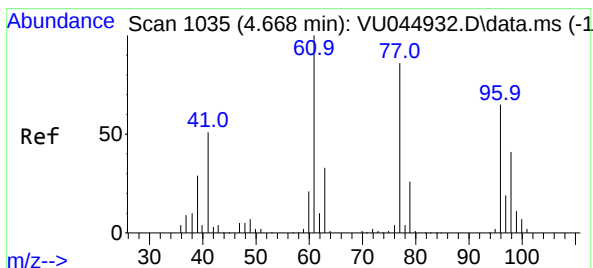
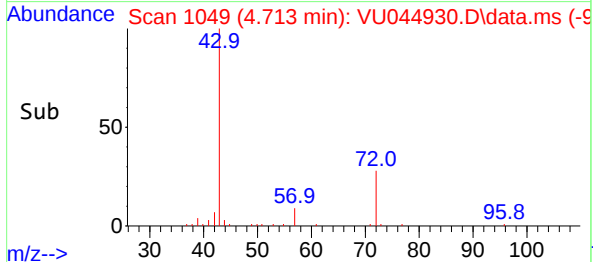
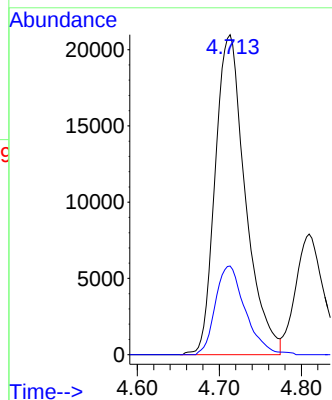
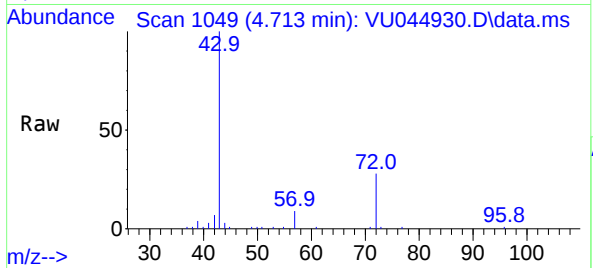
#25
2-Butanone
Concen: 24.381 ug/l
RT: 4.713 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 5362
Ion Ratio Lower Upper
43 100
72 27.7 21.3 31.9

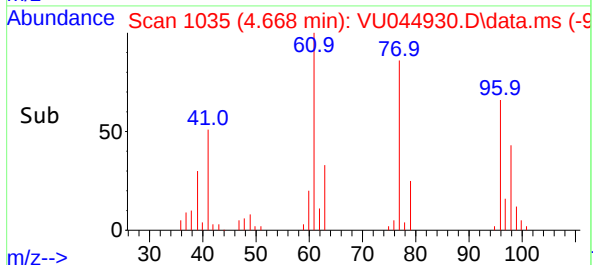
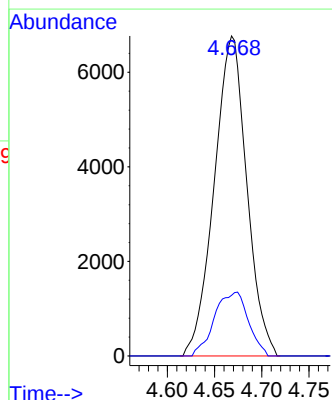
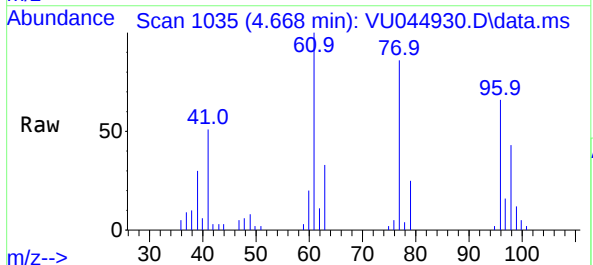
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 5.332 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Tgt Ion: 77 Resp: 16209
Ion Ratio Lower Upper
77 100
97 20.7 10.8 32.4





#27
 cis-1,2-Dichloroethene
 Concen: 4.920 ug/l
 RT: 4.665 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU044930.D
 Acq: 28 Sep 2021 10:37

Instrument :

MSVOA_U

ClientSampleId :

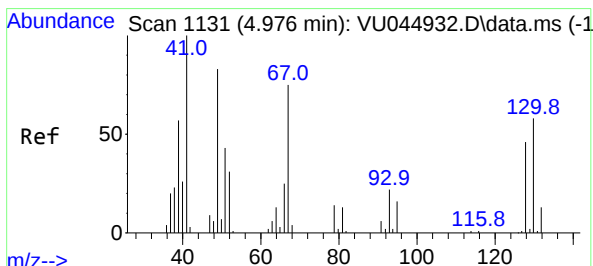
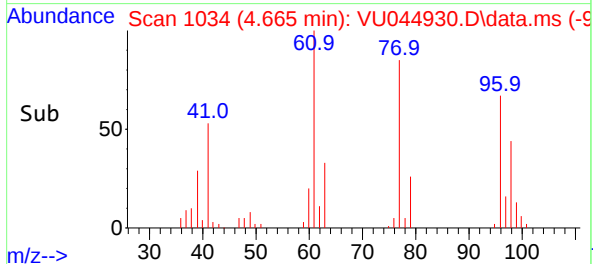
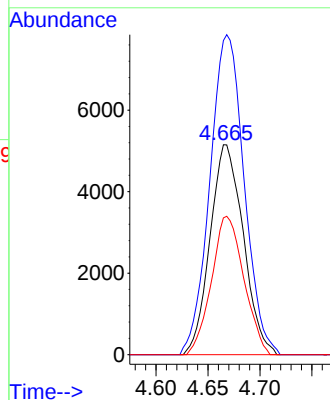
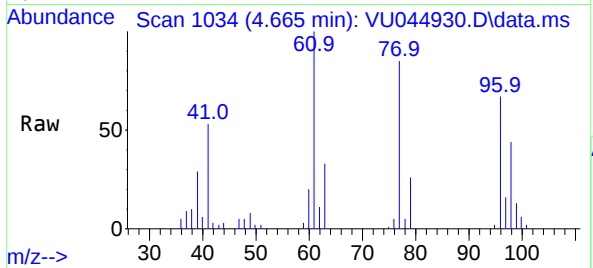
VSTDIC005

Tgt Ion: 96 Resp: 11450
 Ion Ratio Lower Upper
 96 100
 61 157.3 0.0 313.4
 98 64.2 0.0 127.0

Manual Integrations

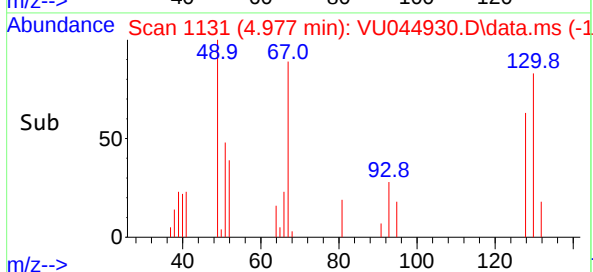
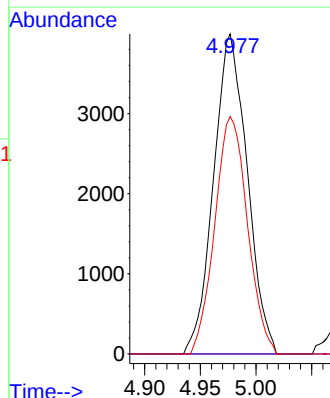
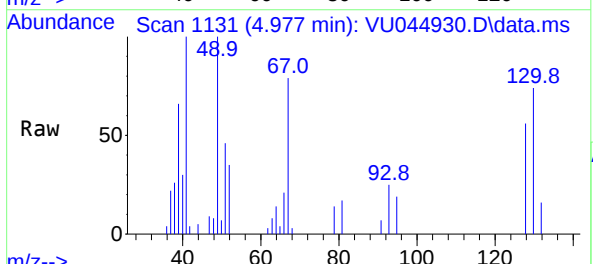
APPROVED

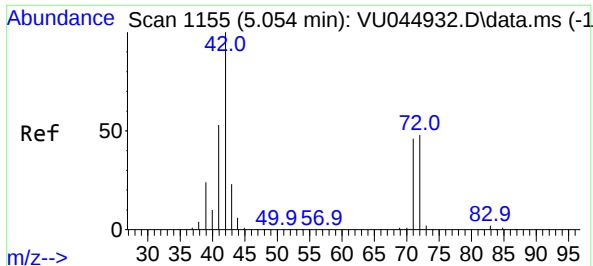
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021



#28
 Bromochloromethane
 Concen: 4.571 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU044930.D
 Acq: 28 Sep 2021 10:37

Tgt Ion: 49 Resp: 8401
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.2
 130 71.9 53.4 80.2





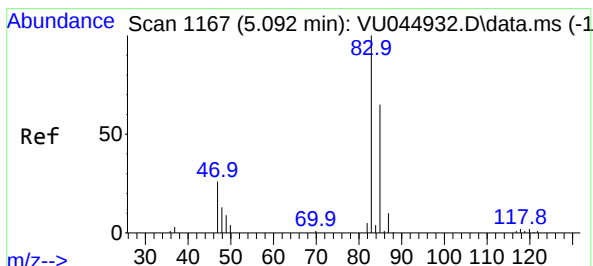
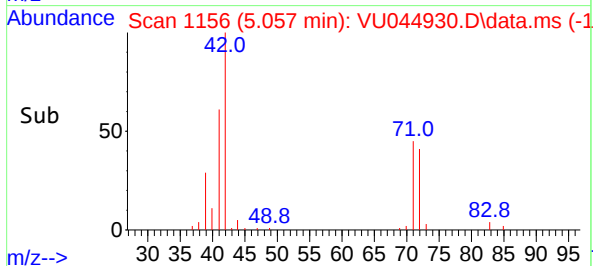
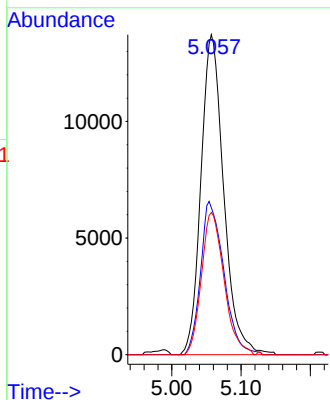
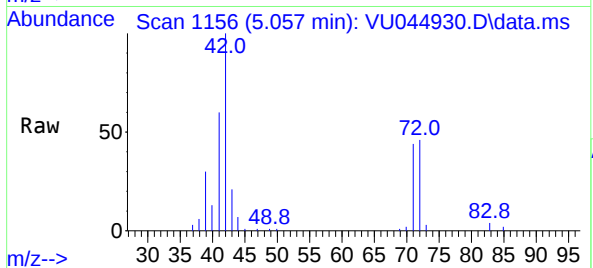
#29
Tetrahydrofuran
Concen: 22.897 ug/l
RT: 5.057 min Scan# 1155
Delta R.T. 0.003 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 31284
Ion Ratio Lower Upper
42 100
72 48.8 36.2 54.4
71 44.1 34.1 51.1

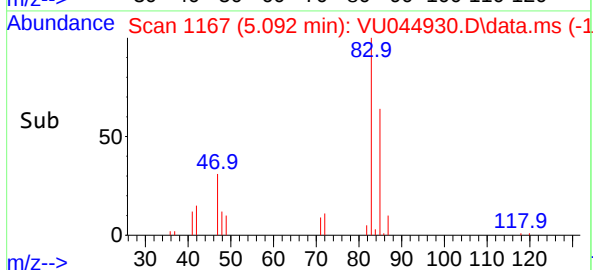
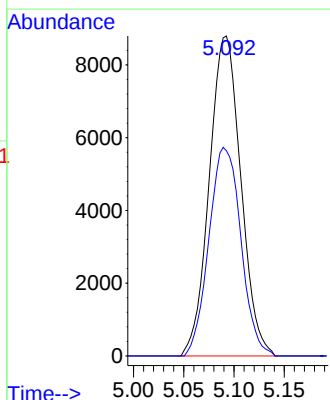
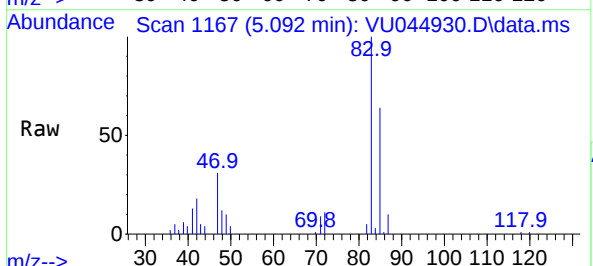
Manual Integrations
APPROVED

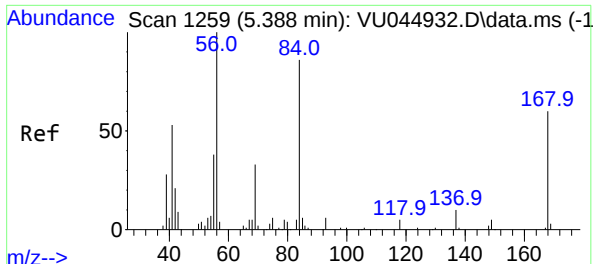
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#30
Chloroform
Concen: 4.800 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

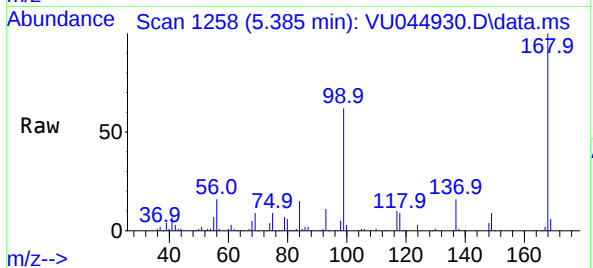
Tgt Ion: 83 Resp: 19201
Ion Ratio Lower Upper
83 100
85 64.1 52.1 78.1





#31
Cyclohexane
Concen: 5.811 ug/l
RT: 5.385 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

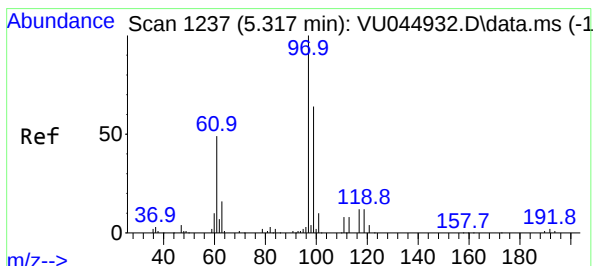
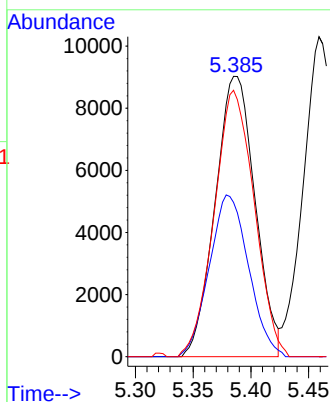
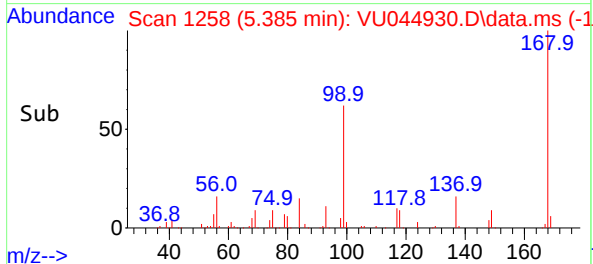
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



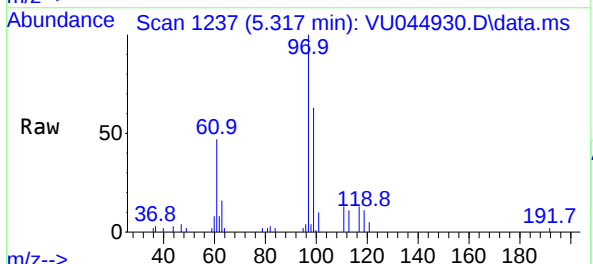
Tgt Ion: 56 Resp: 21692
Ion Ratio Lower Upper
56 100
69 55.0 25.2 37.8
84 95.1 66.4 99.6

Manual Integrations
APPROVED

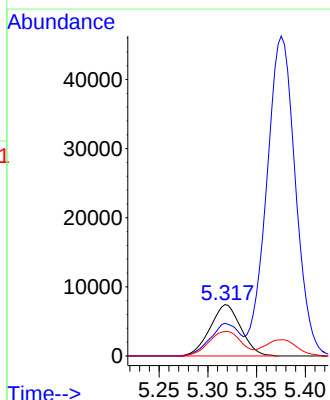
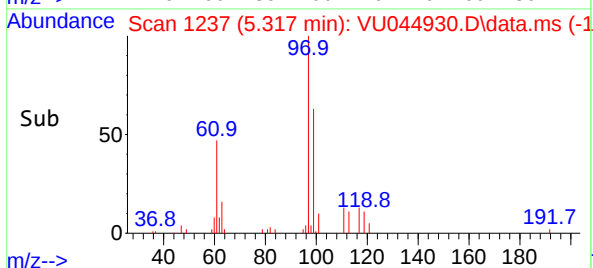
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#32
1,1,1-Trichloroethane
Concen: 5.045 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37



Tgt Ion: 97 Resp: 16321
Ion Ratio Lower Upper
97 100
99 59.9 50.9 76.3
61 50.1 40.7 61.1





#33

1,2-Dichloroethane-d4

Concen: 4.995 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. -0.003 min

Lab File: VU044930.D

Acq: 28 Sep 2021 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 1266

Ion Ratio Lower Upper

65 100

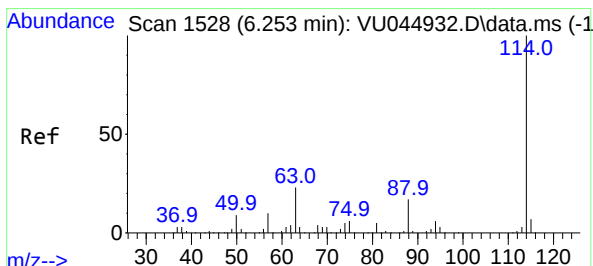
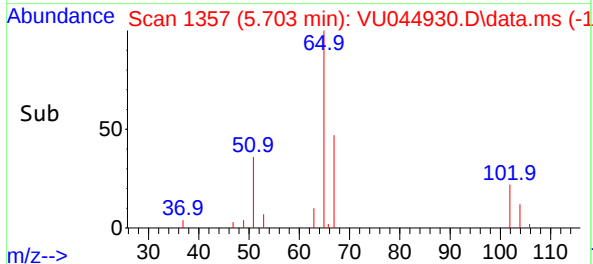
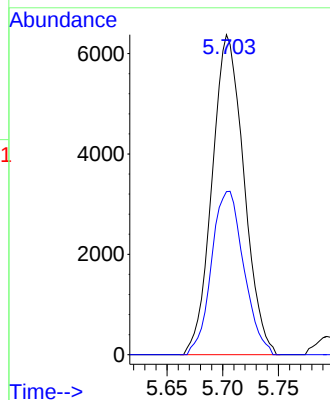
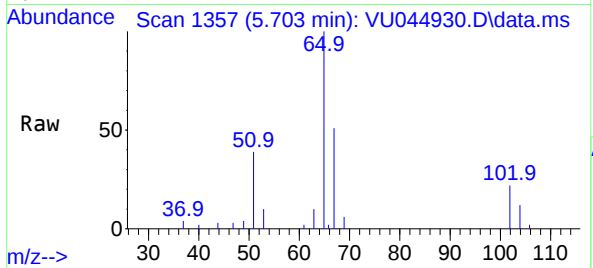
67 51.7 0.0 104.8

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: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU044930.D

Acq: 28 Sep 2021 10:37

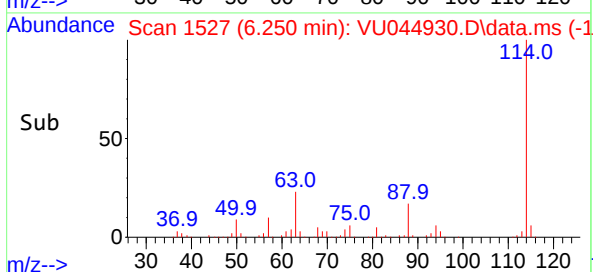
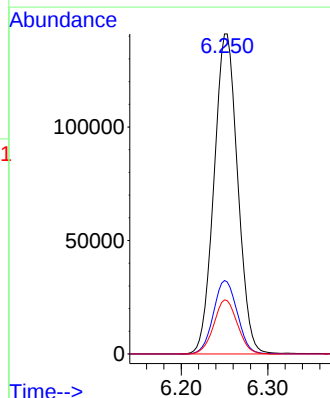
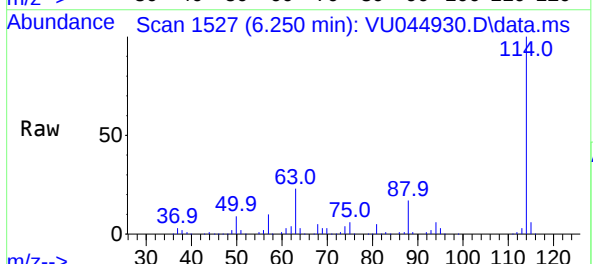
Tgt Ion:114 Resp: 267477

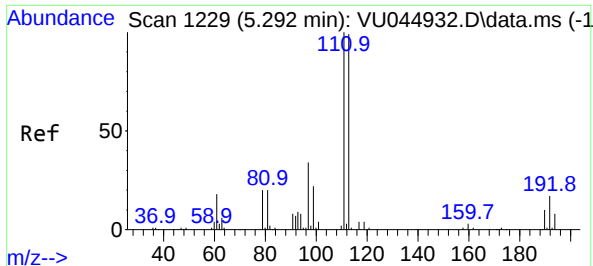
Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.8

88 16.9 0.0 32.8





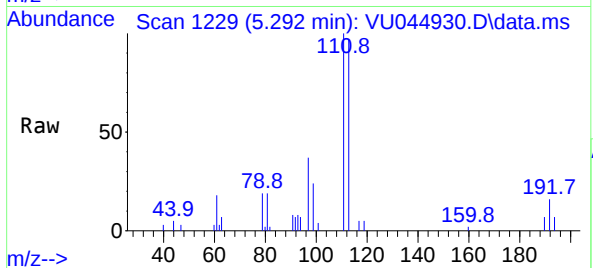
#35
Dibromofluoromethane
Concen: 4.783 ug/l
RT: 5.292 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005



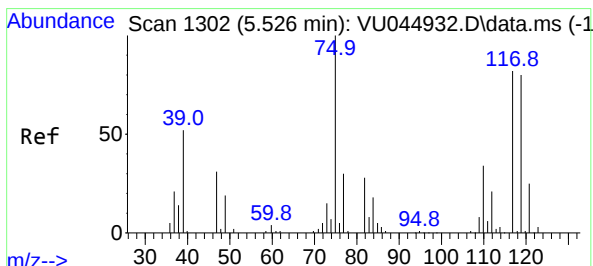
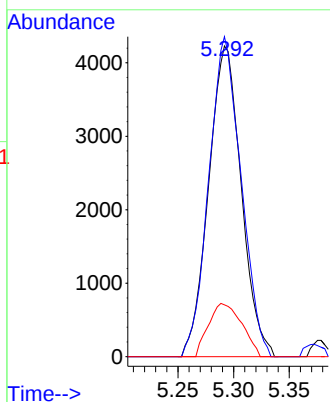
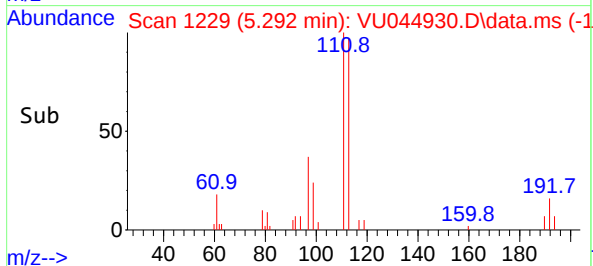
Tgt Ion:113 Resp: 861
Ion Ratio Lower Upper
113 100
111 101.8 84.1 126.1
192 17.5 14.8 22.2

Manual Integrations

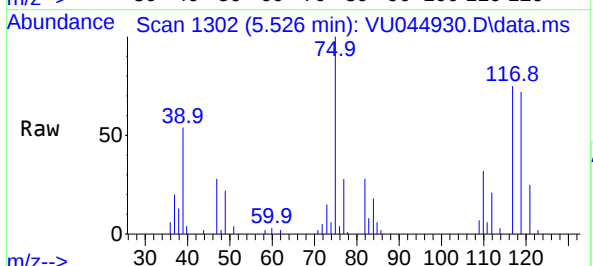
APPROVED

Reviewed By :John Carlone 09/29/2021

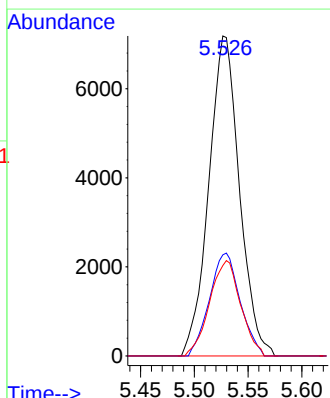
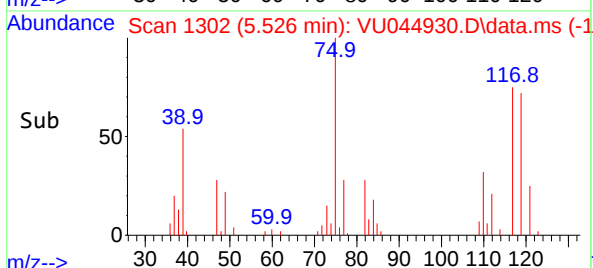
Supervised By :Mahesh Dadoda 09/30/2021

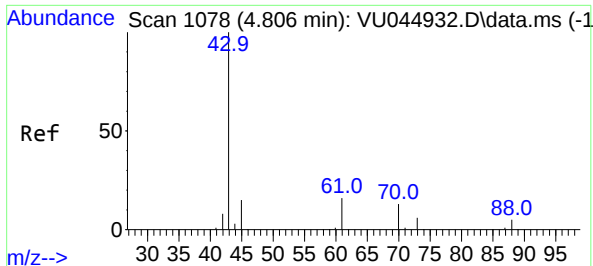


#36
1,1-Dichloropropene
Concen: 4.986 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37



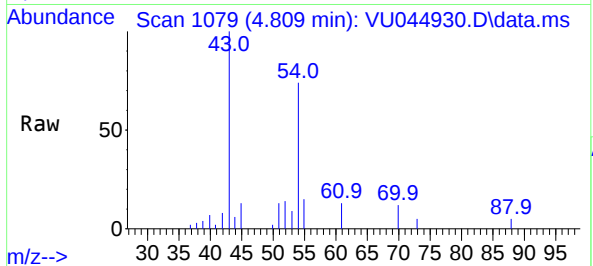
Tgt Ion: 75 Resp: 14228
Ion Ratio Lower Upper
75 100
110 32.1 16.3 48.9
77 30.2 25.0 37.4





#37
Ethyl Acetate
Concen: 4.520 ug/l
RT: 4.809 min Scan# 1078
Delta R.T. 0.003 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

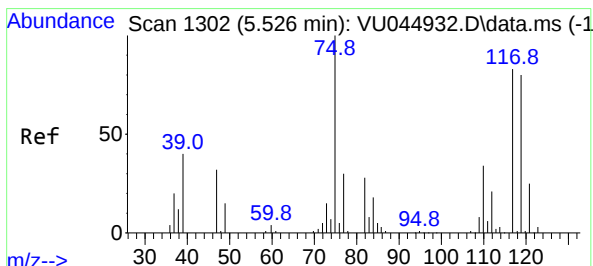
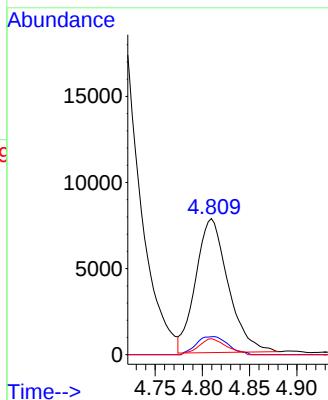
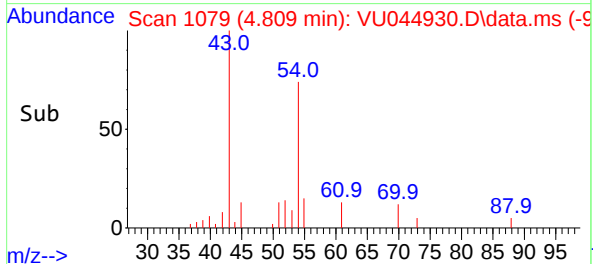
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 1860
Ion Ratio Lower Upper
43 100
61 13.2 10.9 16.3
70 10.2 8.2 12.4

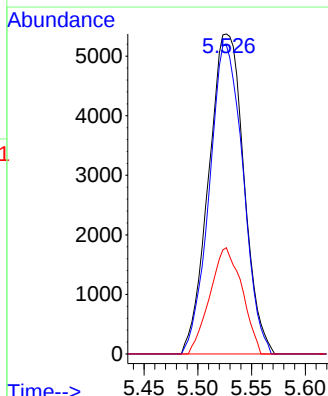
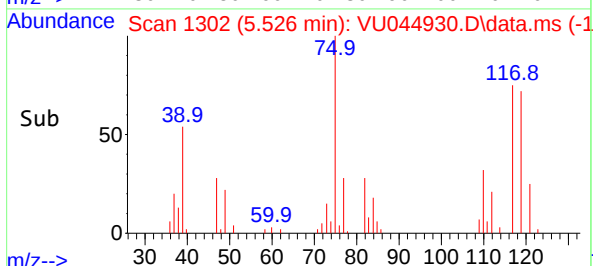
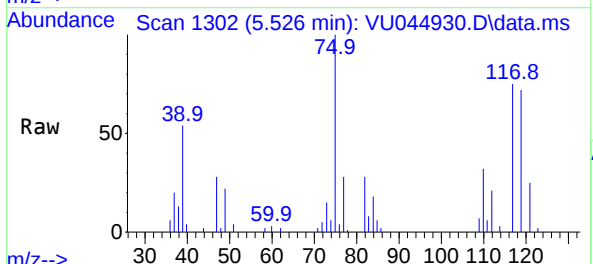
Manual Integrations
APPROVED

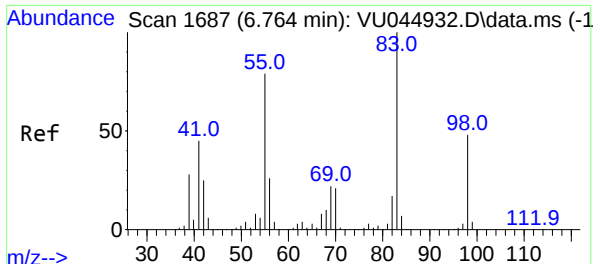
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#38
Carbon Tetrachloride
Concen: 4.828 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Tgt Ion:117 Resp: 12239
Ion Ratio Lower Upper
117 100
119 96.5 77.4 116.2
121 33.2 24.5 36.7





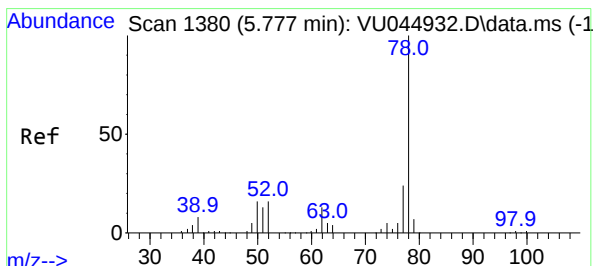
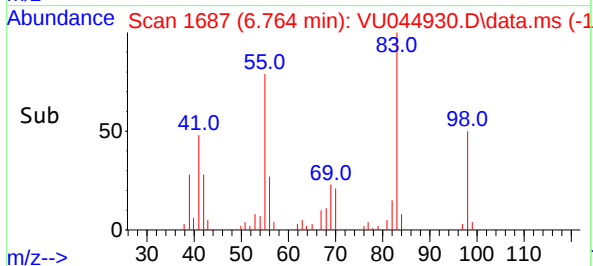
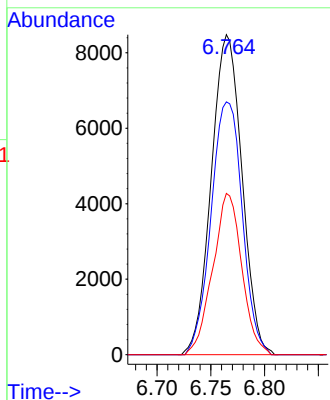
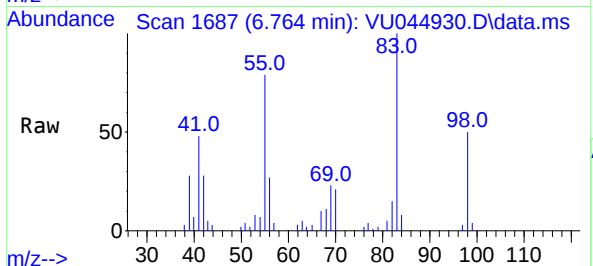
#39
Methylcyclohexane
Concen: 5.159 ug/l
RT: 6.764 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1683
Ion Ratio Lower Upper
83 100
55 79.0 66.2 99.4
98 50.4 37.5 56.3

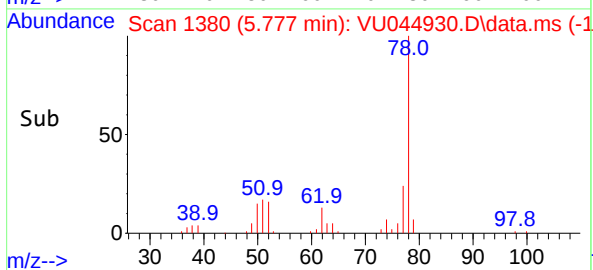
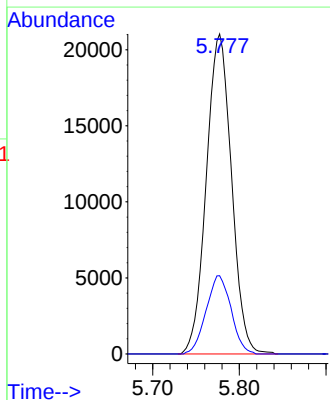
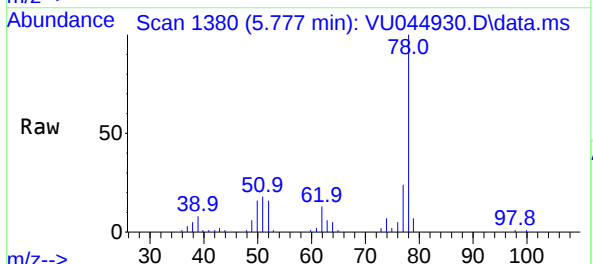
Manual Integrations
APPROVED

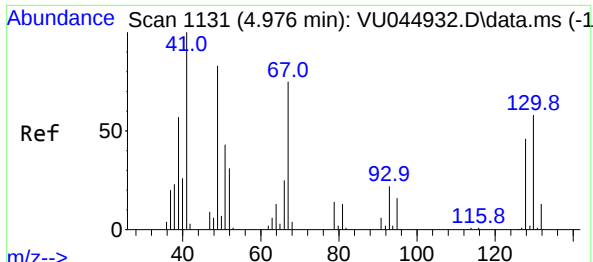
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#40
Benzene
Concen: 4.894 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

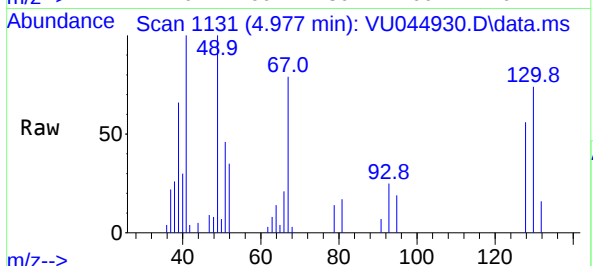
Tgt Ion: 78 Resp: 42454
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7





#41
Methacrylonitrile
Concen: 4.677 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

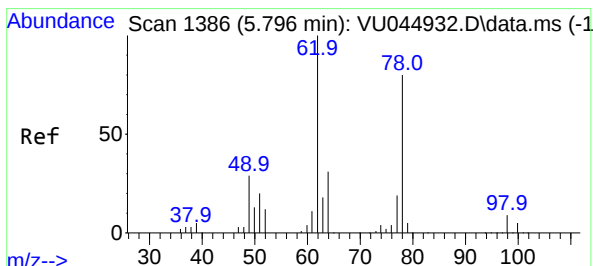
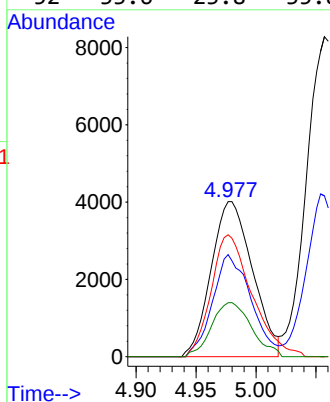
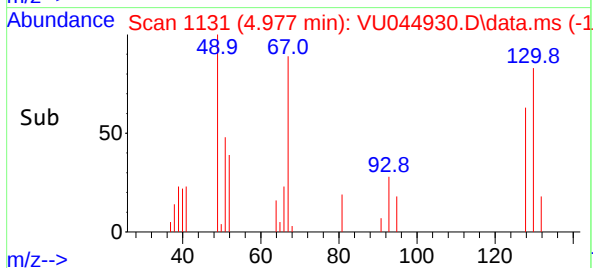


Tgt Ion: 41 Resp: 963

Ion	Ratio	Lower	Upper
41	100		
39	60.9	44.4	66.6
67	77.5	58.1	87.1
52	33.6	23.8	35.8

Manual Integrations
APPROVED

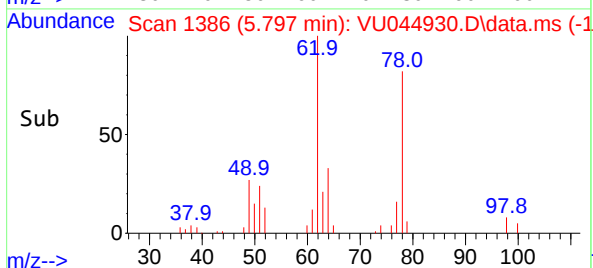
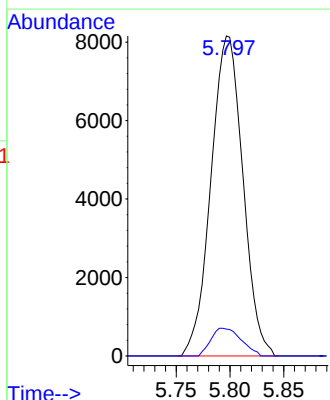
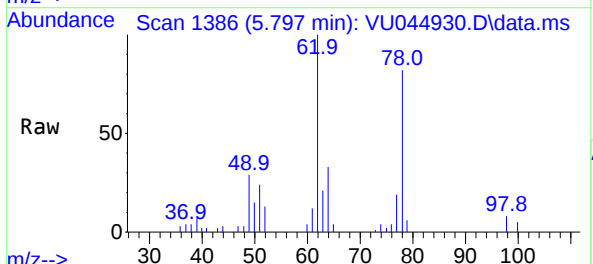
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#42
1,2-Dichloroethane
Concen: 4.923 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Tgt Ion: 62 Resp: 16835

Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.8





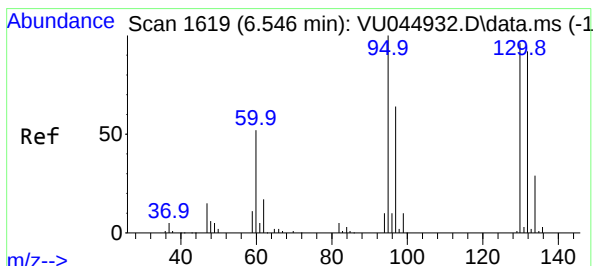
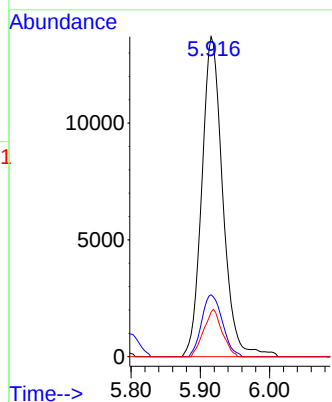
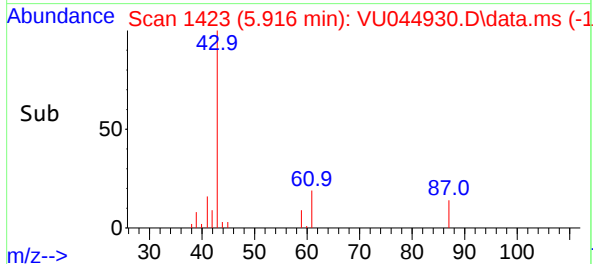
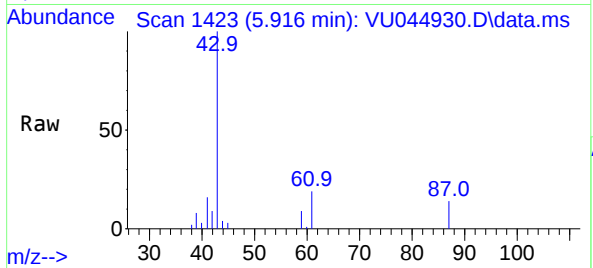
#43
Isopropyl Acetate
Concen: 4.928 ug/l
RT: 5.916 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 28735
Ion Ratio Lower Upper
43 100
61 19.2 16.1 24.1
87 13.0 10.3 15.5

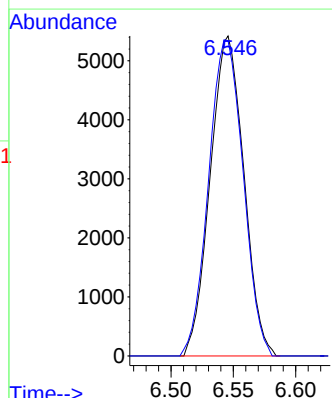
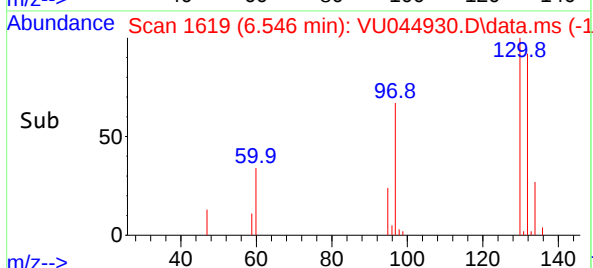
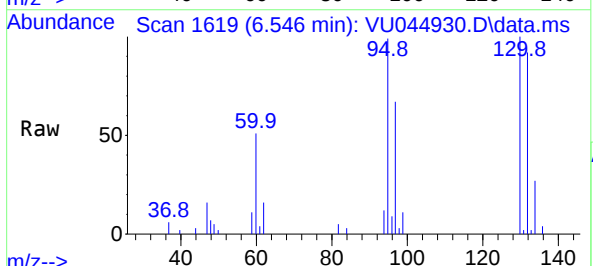
Manual Integrations
APPROVED

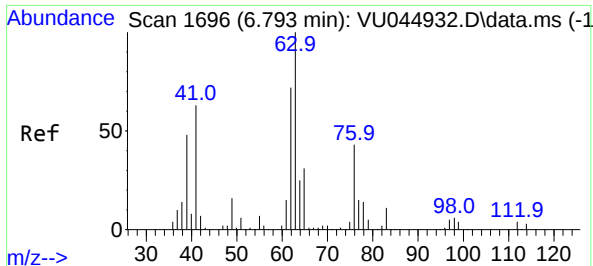
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#44
Trichloroethene
Concen: 4.871 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

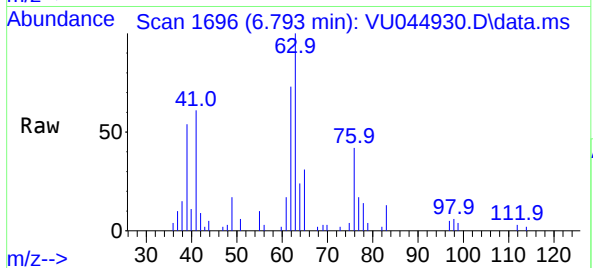
Tgt Ion:130 Resp: 10171
Ion Ratio Lower Upper
130 100
95 98.6 0.0 209.0





#45
1,2-Dichloropropane
Concen: 4.853 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

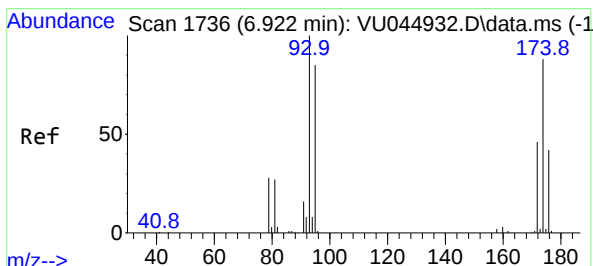
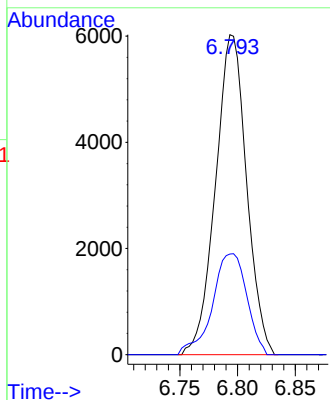
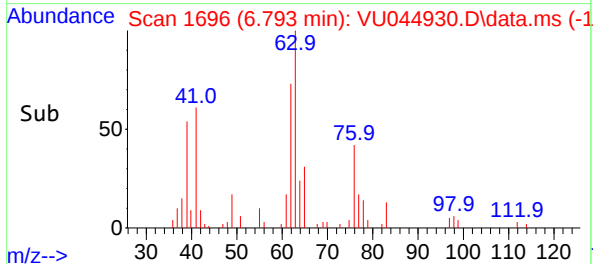
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



Tgt Ion: 63 Resp: 11278
Ion Ratio Lower Upper
63 100
65 31.5 23.9 35.9

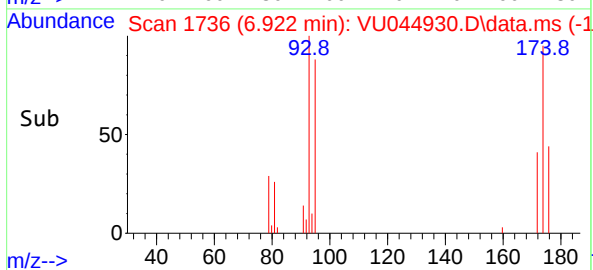
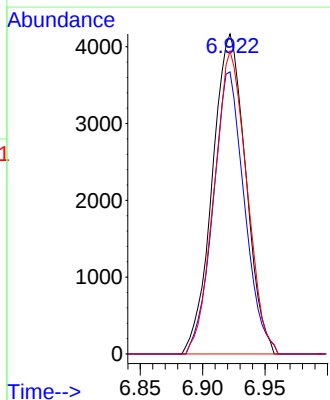
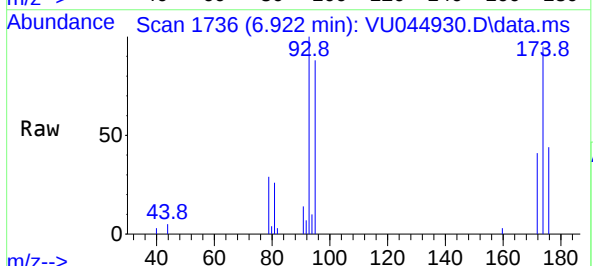
Manual Integrations
APPROVED

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



#46
Dibromomethane
Concen: 4.996 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Tgt Ion: 93 Resp: 7764
Ion Ratio Lower Upper
93 100
95 82.8 65.6 98.4
174 92.0 70.7 106.1





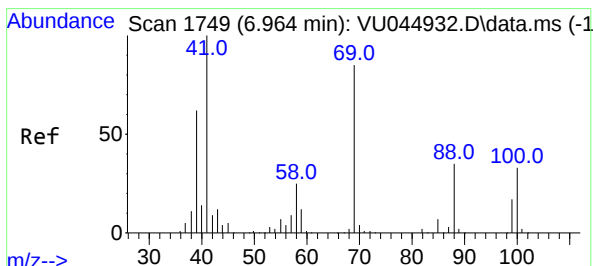
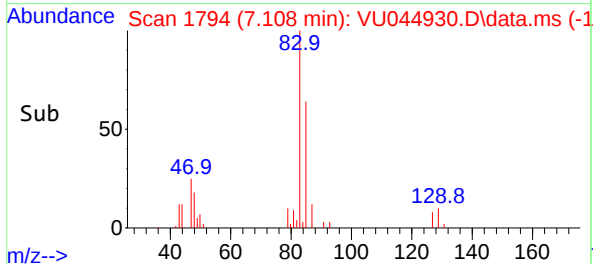
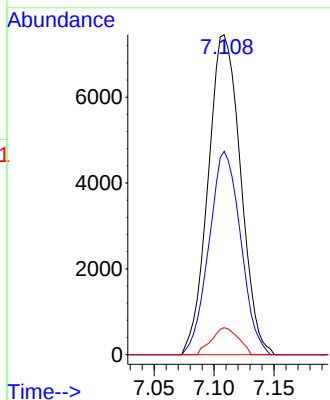
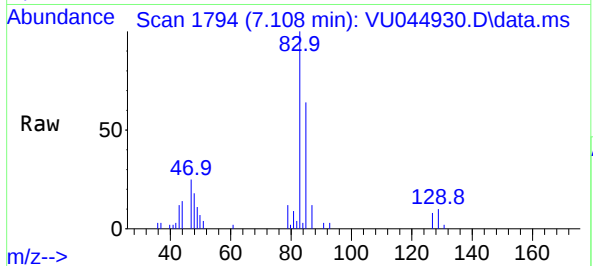
#47
Bromodichloromethane
Concen: 4.593 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 14052
Ion Ratio Lower Upper
83 100
85 63.5 51.6 77.4
127 8.5 6.2 9.4

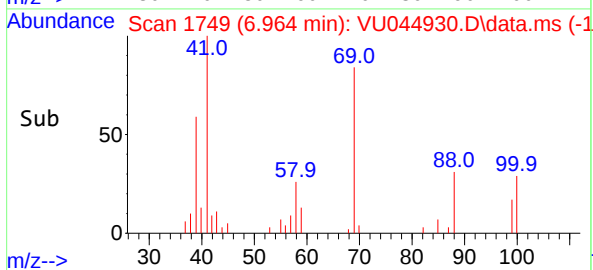
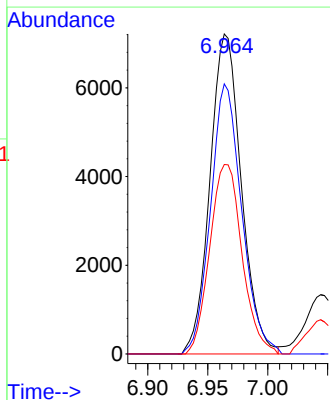
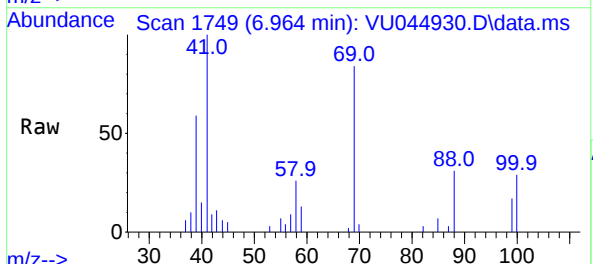
Manual Integrations
APPROVED

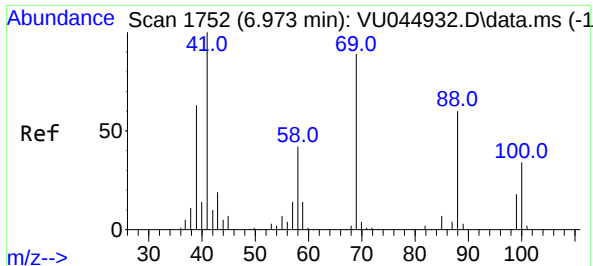
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#48
Methyl methacrylate
Concen: 4.768 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

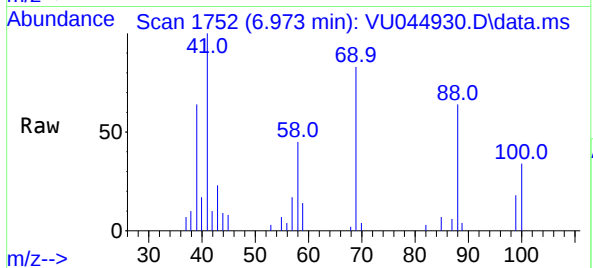
Tgt Ion: 41 Resp: 13121
Ion Ratio Lower Upper
41 100
69 84.0 65.6 98.4
39 60.9 46.2 69.4





#49
1,4-Dioxane
Concen: 103.857 ug/l
RT: 6.973 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

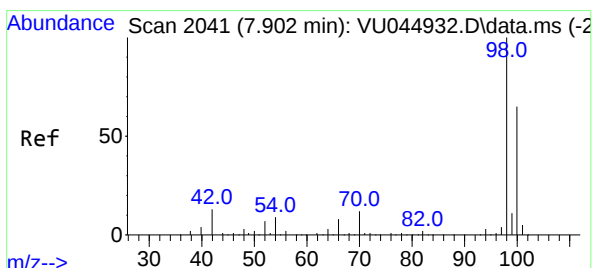
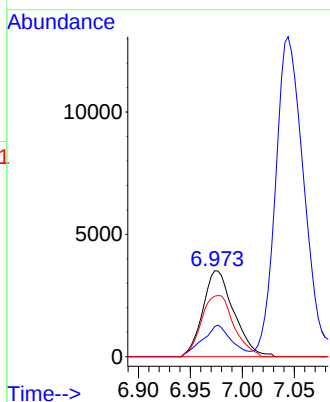
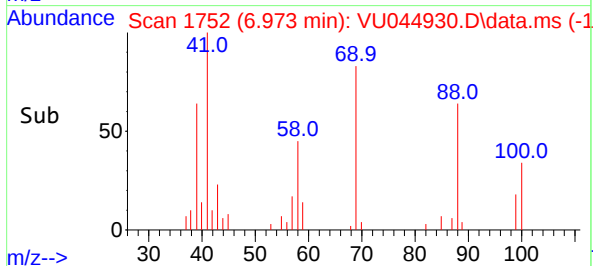
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 7290
Ion Ratio Lower Upper
88 100
43 34.3 25.8 38.6
58 74.3 61.3 91.9

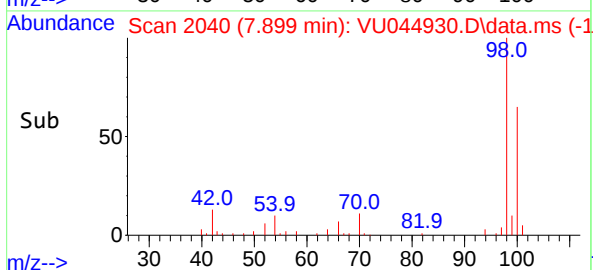
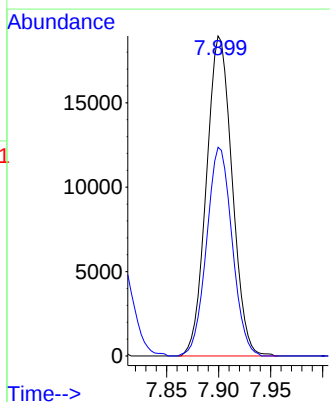
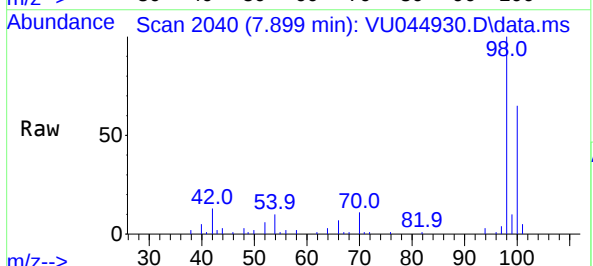
Manual Integrations
APPROVED

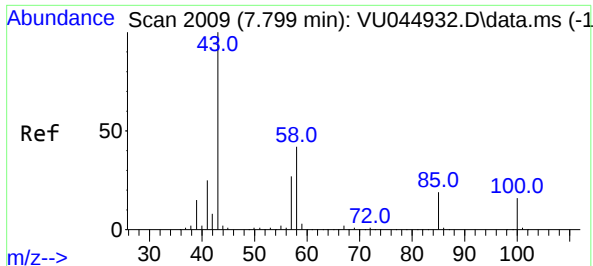
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#50
Toluene-d8
Concen: 4.768 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Tgt Ion: 98 Resp: 32633
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 24.140 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Instrument :

MSVOA_U

ClientSampleId :

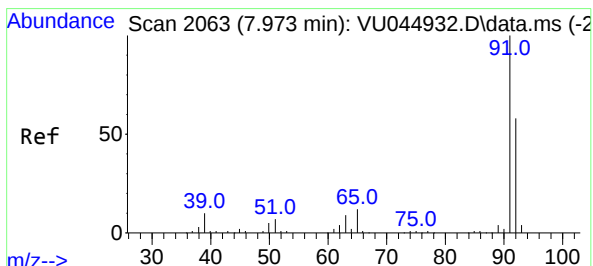
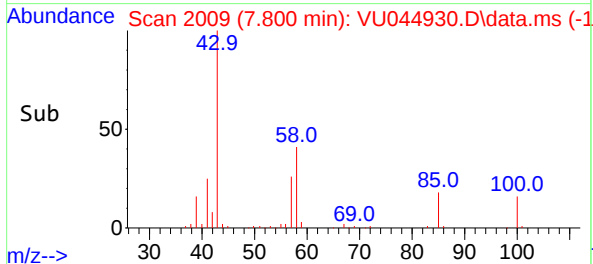
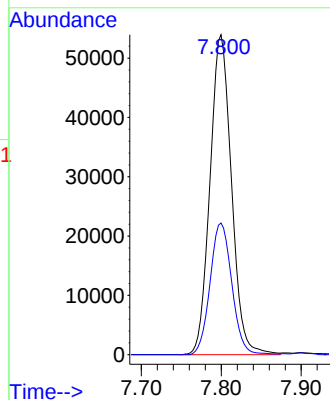
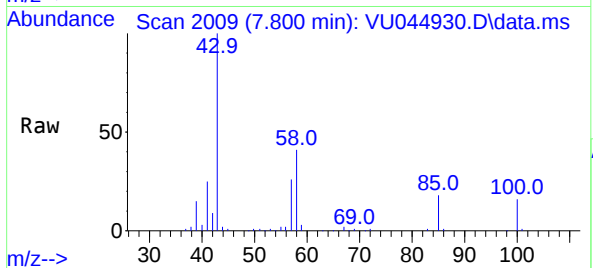
VSTDIC005

Tgt Ion: 43 Resp: 100724
Ion Ratio Lower Upper
43 100
58 41.7 32.4 48.6

Manual Integrations

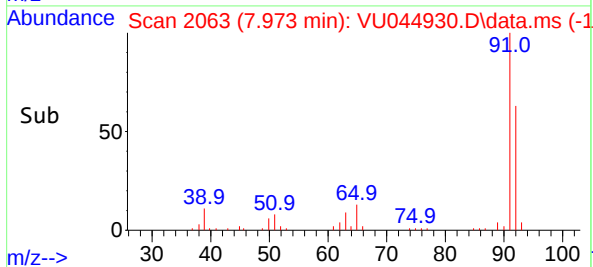
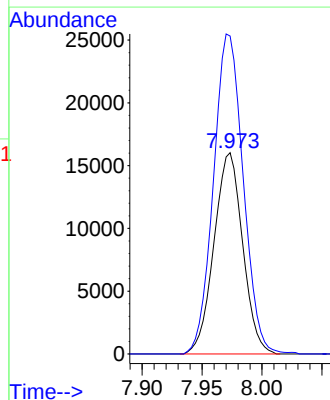
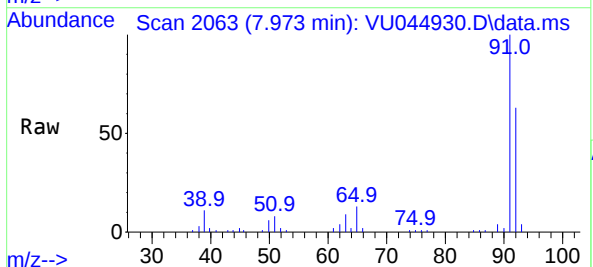
APPROVED

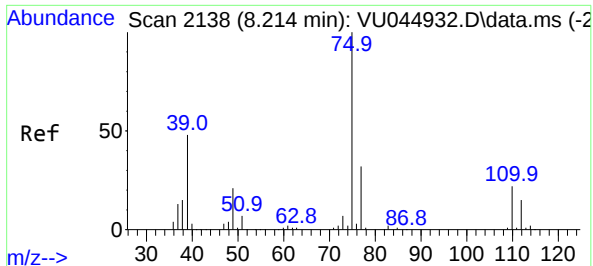
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#52
Toluene
Concen: 5.116 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Tgt Ion: 92 Resp: 26668
Ion Ratio Lower Upper
92 100
91 164.7 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 4.734 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU044930.D

Acq: 28 Sep 2021 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 15310

Ion Ratio Lower Upper

75 100

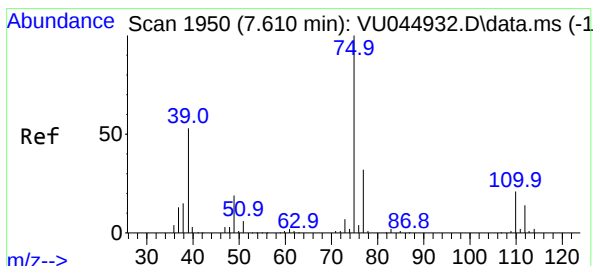
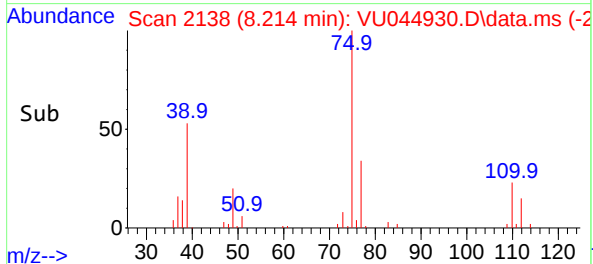
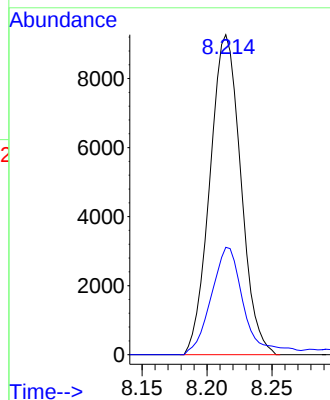
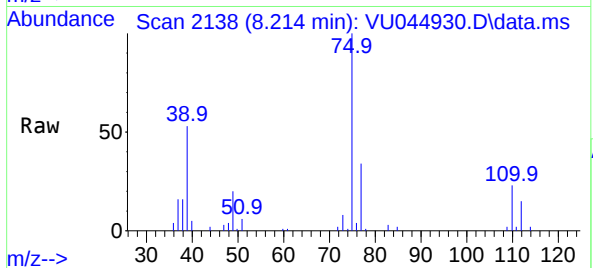
77 33.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#54

cis-1,3-Dichloropropene

Concen: 4.633 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU044930.D

Acq: 28 Sep 2021 10:37

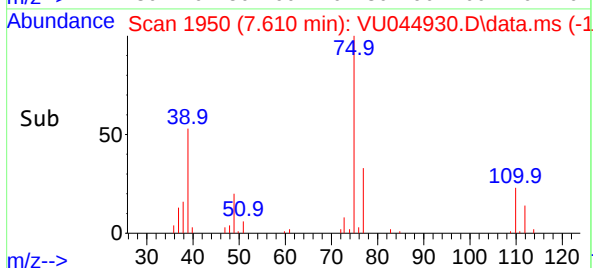
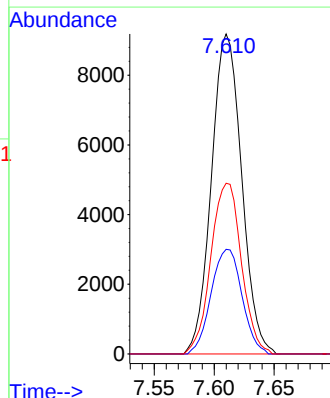
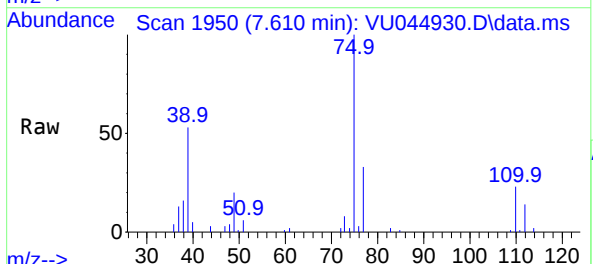
Tgt Ion: 75 Resp: 16097

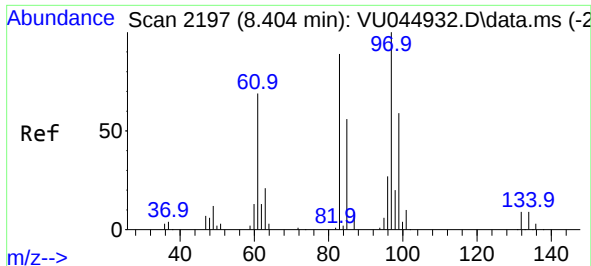
Ion Ratio Lower Upper

75 100

77 32.7 25.0 37.6

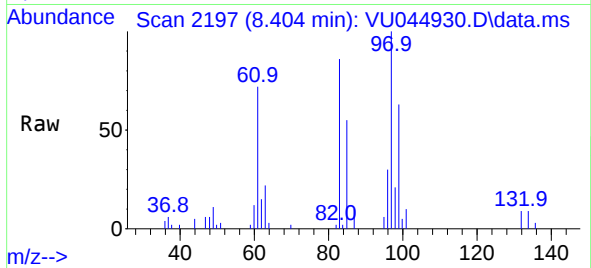
39 53.4 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 4.963 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

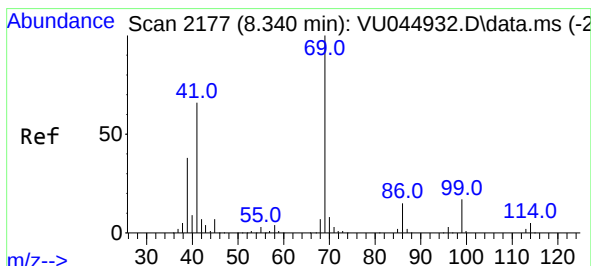
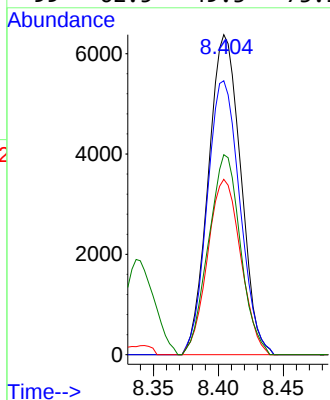
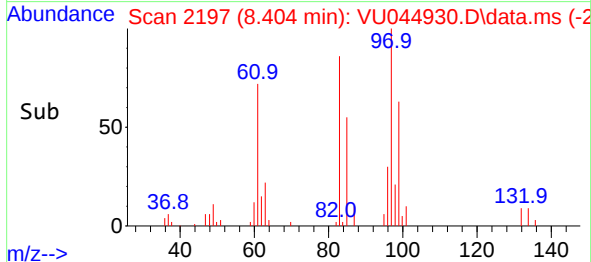
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



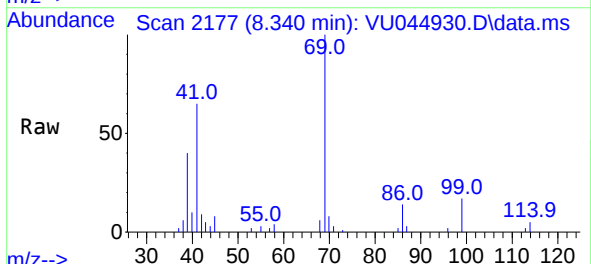
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.7	104.5
85	54.8	44.8	67.2
99	62.5	49.3	73.9

Manual Integrations
APPROVED

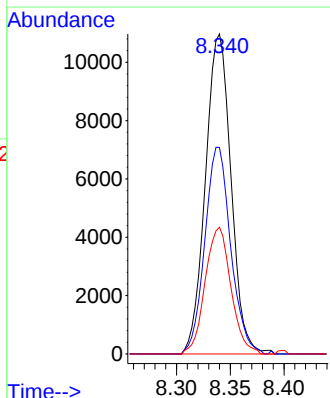
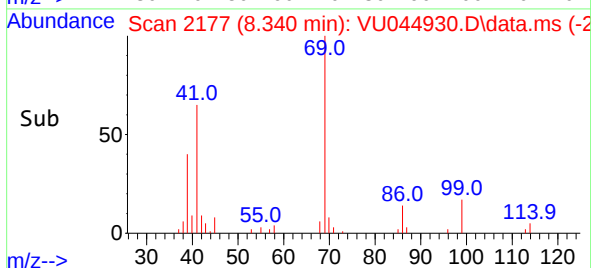
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

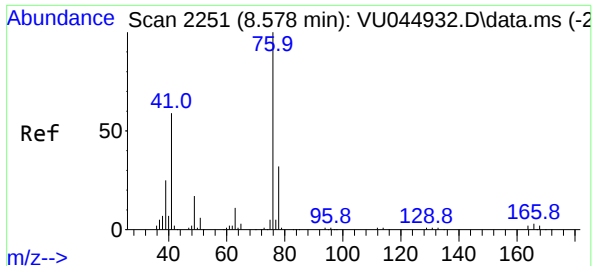


#56
Ethyl methacrylate
Concen: 5.088 ug/l
RT: 8.340 min Scan# 2177
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37



Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.4	53.5	80.3
39	39.9	31.1	46.7





#57

1,3-Dichloropropane

Concen: 5.096 ug/l

RT: 8.581 min Scan# 2016

Delta R.T. 0.003 min

Lab File: VU044930.D

Acq: 28 Sep 2021 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 2016

Ion Ratio Lower Upper

76 100

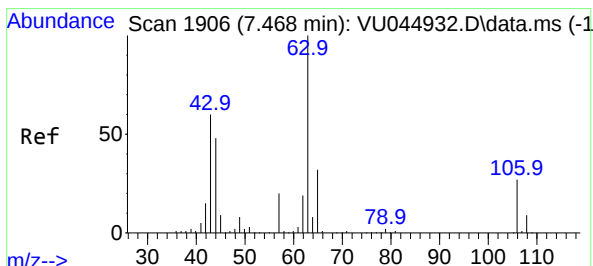
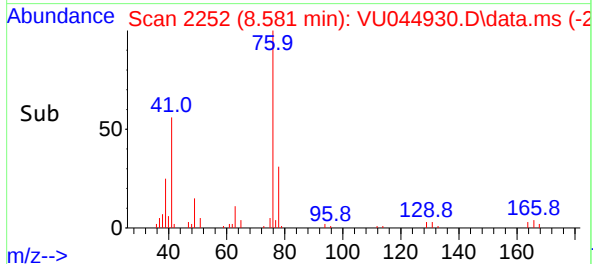
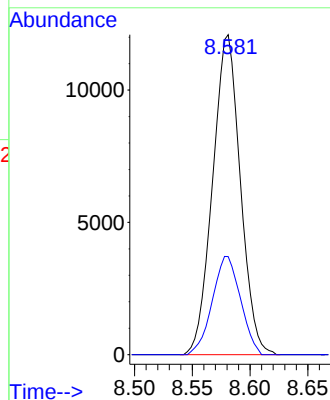
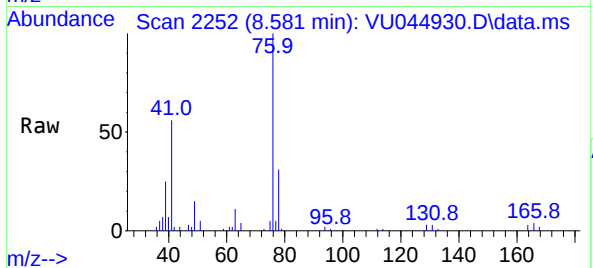
78 31.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#58

2-Chloroethyl Vinyl ether

Concen: 29.483 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. -0.003 min

Lab File: VU044930.D

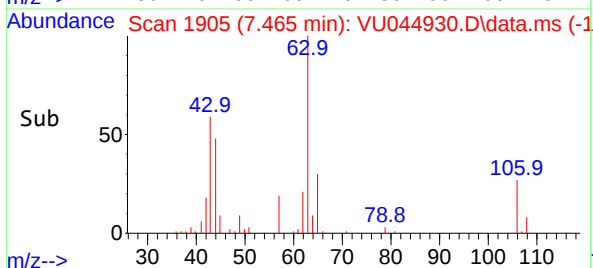
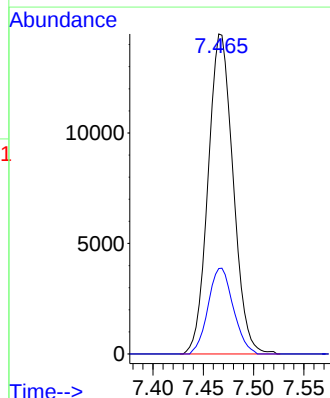
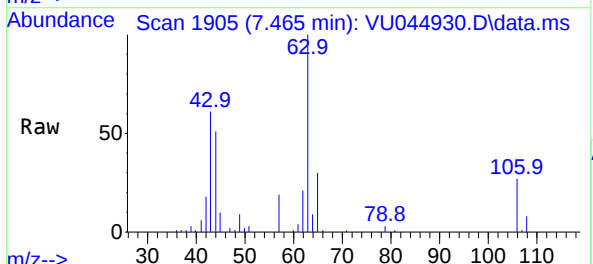
Acq: 28 Sep 2021 10:37

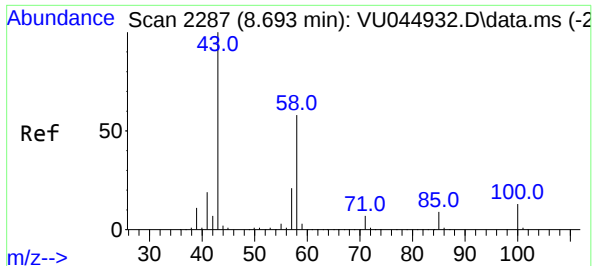
Tgt Ion: 63 Resp: 25043

Ion Ratio Lower Upper

63 100

106 26.9 20.5 30.7





#59

2-Hexanone

Concen: 24.918 ug/l

RT: 8.694 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU044930.D

Acq: 28 Sep 2021 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 84079

Ion Ratio Lower Upper

43 100

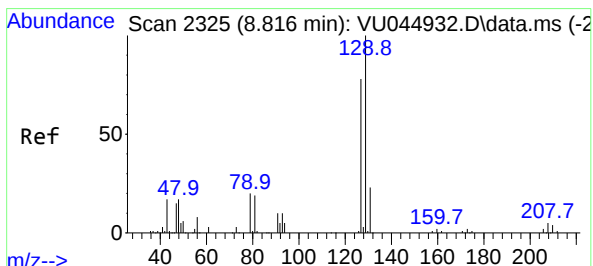
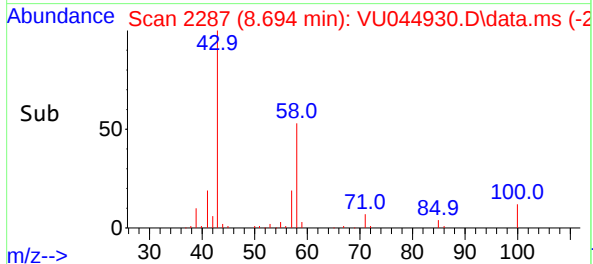
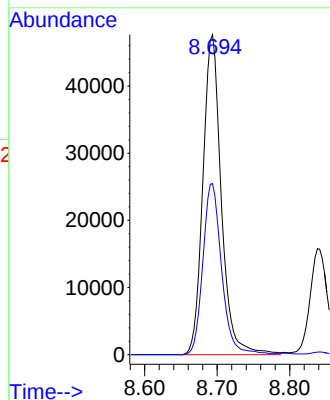
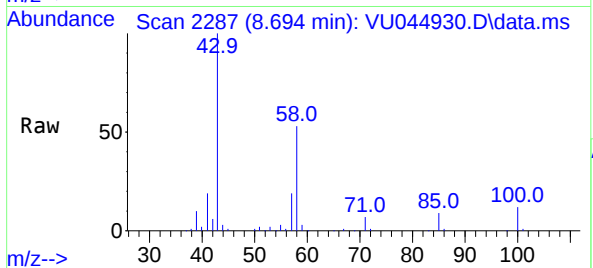
58 54.4 28.0 84.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#60

Dibromochloromethane

Concen: 4.643 ug/l

RT: 8.813 min Scan# 2324

Delta R.T. -0.003 min

Lab File: VU044930.D

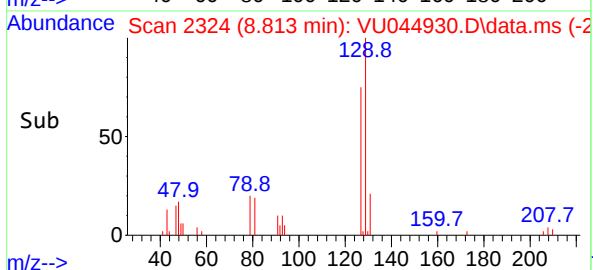
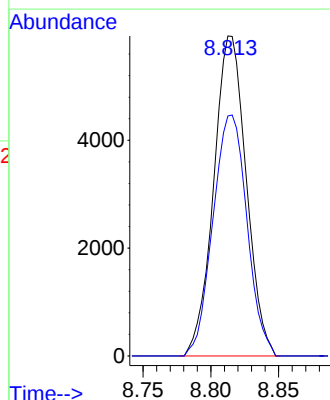
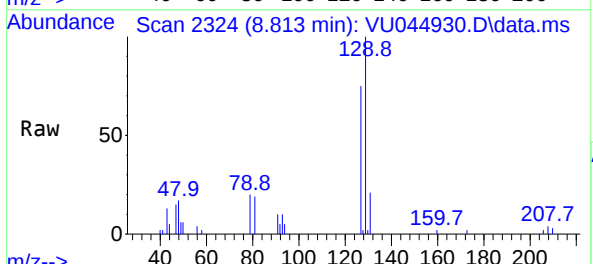
Acq: 28 Sep 2021 10:37

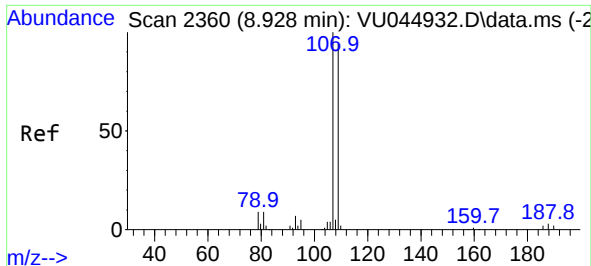
Tgt Ion:129 Resp: 9922

Ion Ratio Lower Upper

129 100

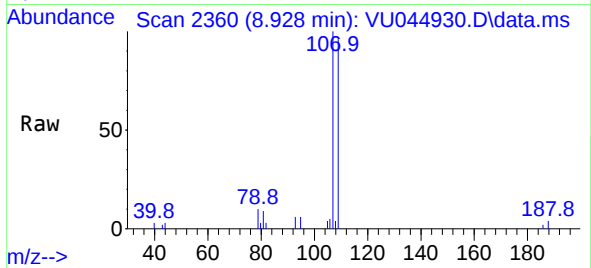
127 78.6 39.0 117.0





#61
1,2-Dibromoethane
Concen: 4.910 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

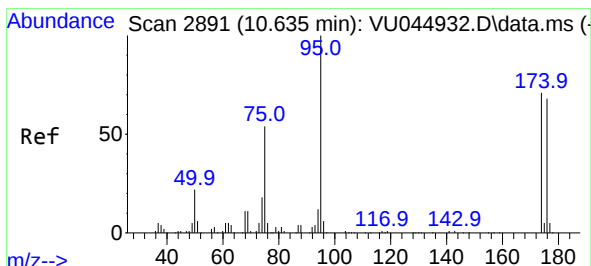
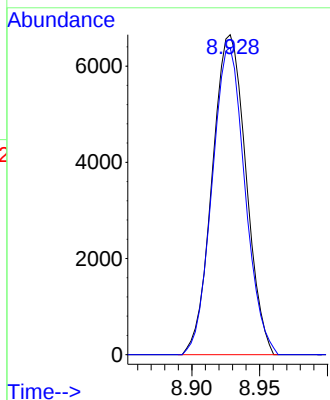
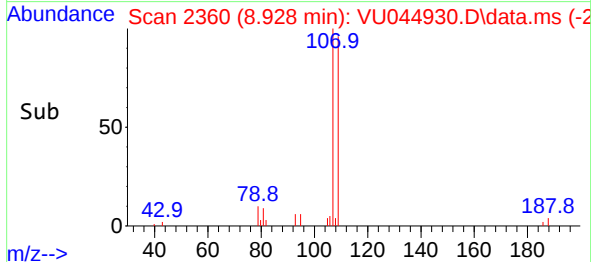
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005



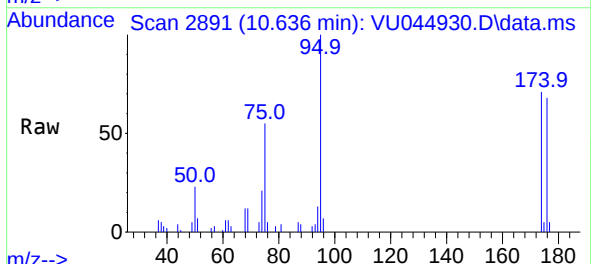
Tgt Ion:107 Resp: 1152
Ion Ratio Lower Upper
107 100
109 93.7 74.8 112.2

Manual Integrations
APPROVED

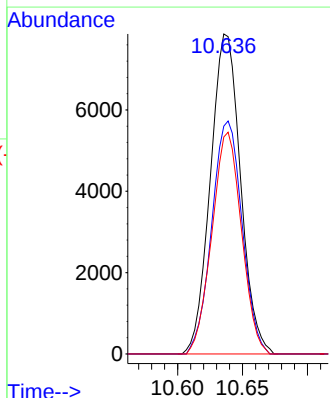
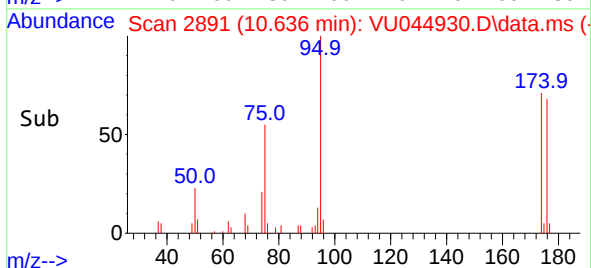
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

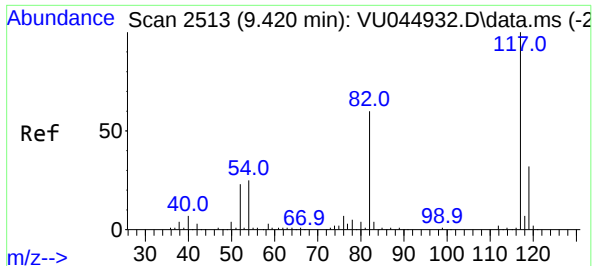


#62
4-Bromofluorobenzene
Concen: 4.856 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37



Tgt Ion: 95 Resp: 12676
Ion Ratio Lower Upper
95 100
174 73.3 0.0 146.6
176 68.1 0.0 141.2





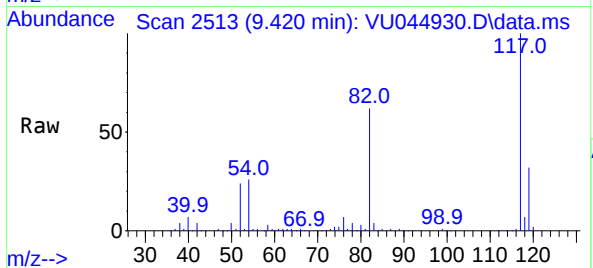
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

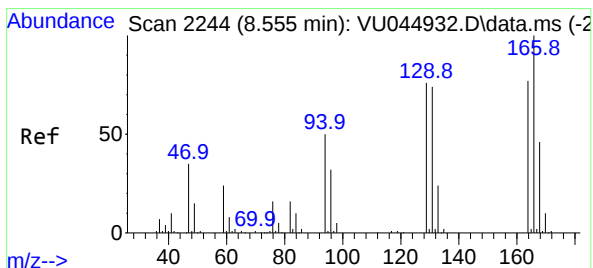
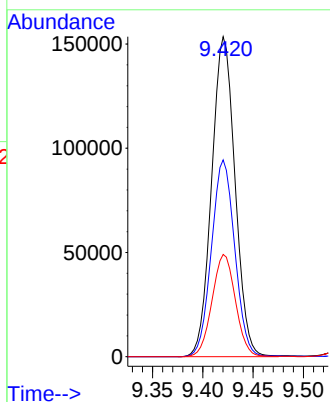
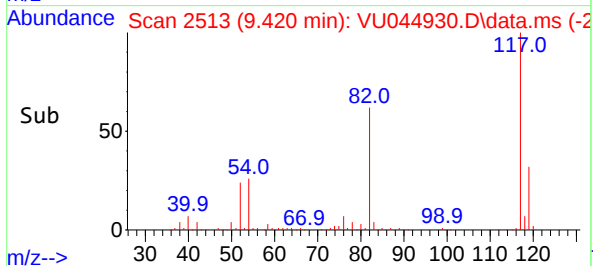


Tgt Ion:117 Resp: 248390
Ion Ratio Lower Upper
117 100
82 61.5 47.8 71.8
119 32.0 25.8 38.6

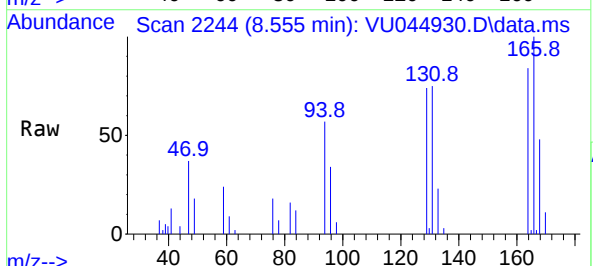
Manual Integrations

APPROVED

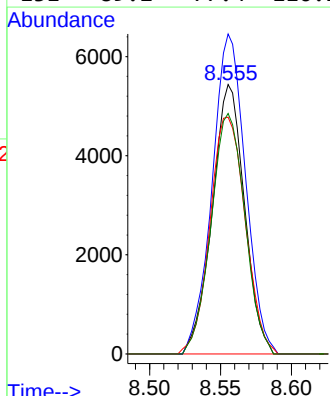
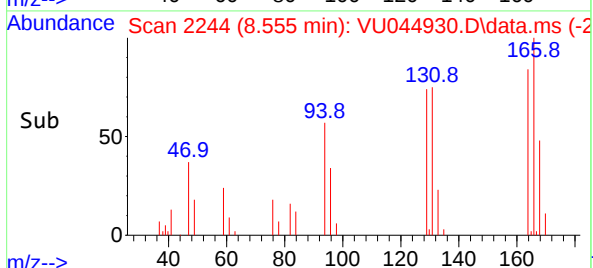
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

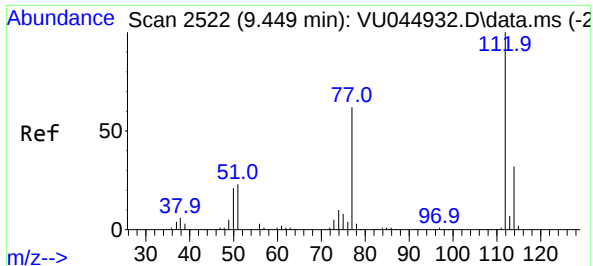


#64
Tetrachloroethene
Concen: 5.139 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37



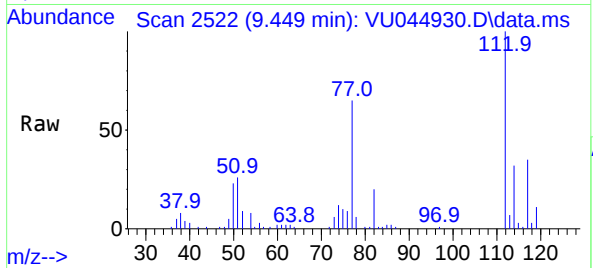
Tgt Ion:164 Resp: 8608
Ion Ratio Lower Upper
164 100
166 118.7 102.8 154.2
129 87.8 79.4 119.2
131 89.2 77.4 116.2





#65
Chlorobenzene
Concen: 5.218 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

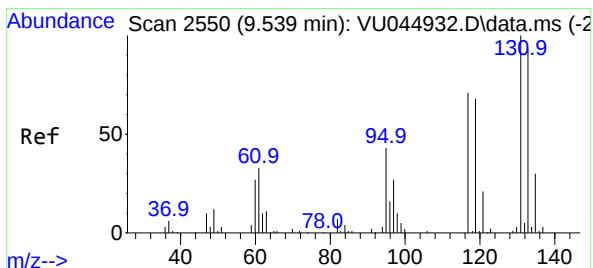
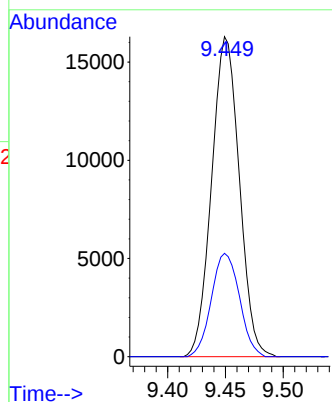
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



Tgt Ion:112 Resp: 27130
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9

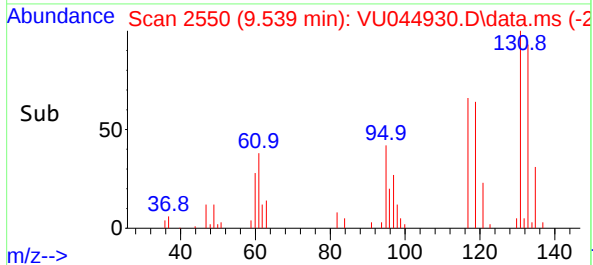
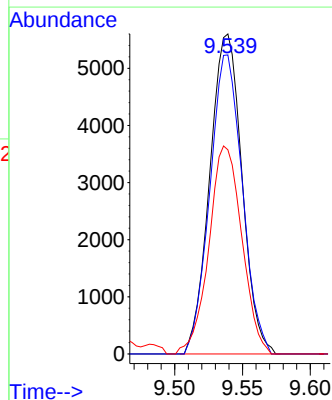
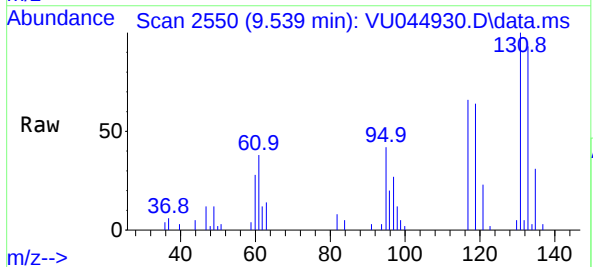
Manual Integrations
APPROVED

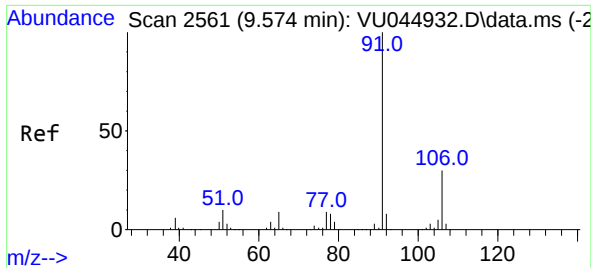
Reviewed By :John Carbone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 4.992 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Tgt Ion:131 Resp: 9253
Ion Ratio Lower Upper
131 100
133 94.1 48.1 144.3
119 66.3 34.1 102.3





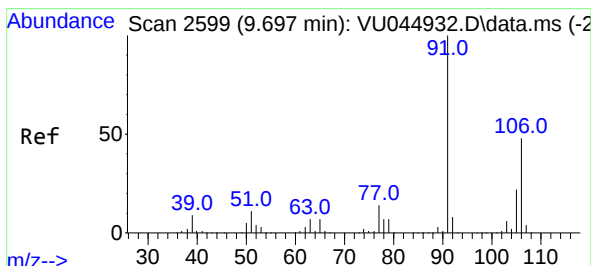
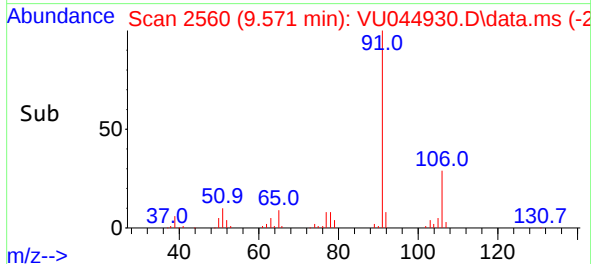
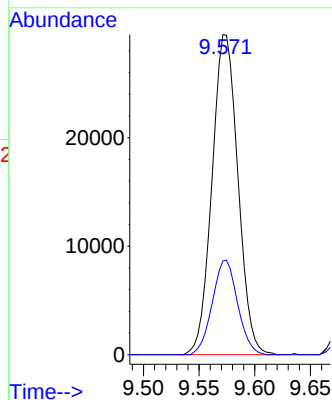
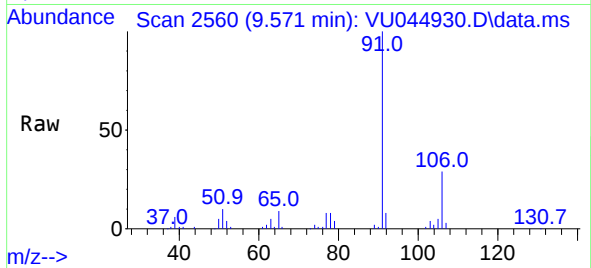
#67
Ethyl Benzene
Concen: 5.130 ug/l
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Instrument : MSVOA_U
ClientSampleId : VSTDIC005

Tgt Ion: 91 Resp: 4774
Ion Ratio Lower Upper
91 100
106 29.3 24.3 36.5

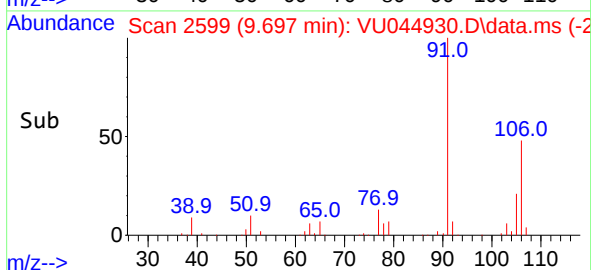
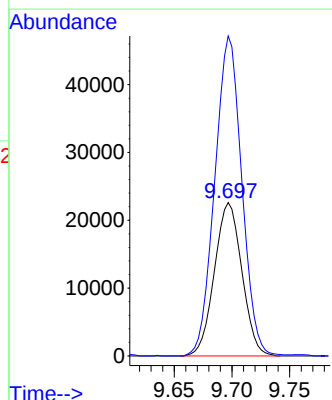
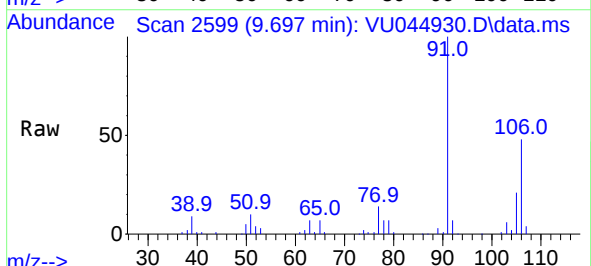
Manual Integrations
APPROVED

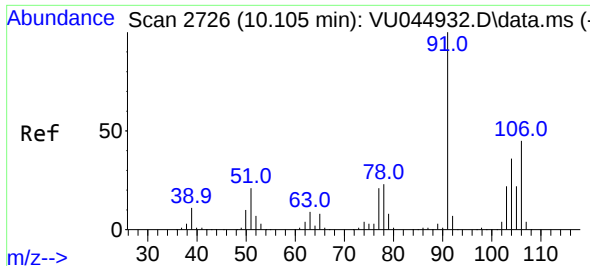
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#68
m/p-Xylenes
Concen: 10.496 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Tgt Ion:106 Resp: 37327
Ion Ratio Lower Upper
106 100
91 205.6 164.2 246.2





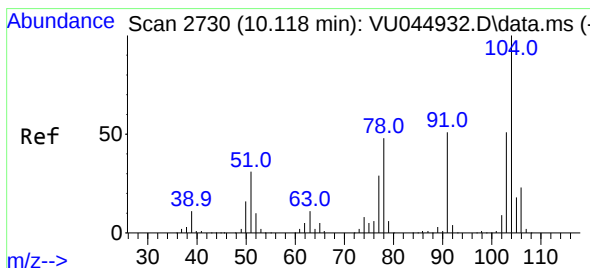
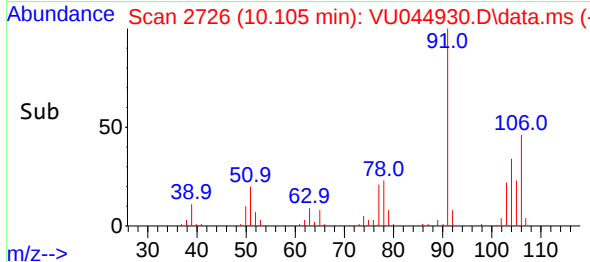
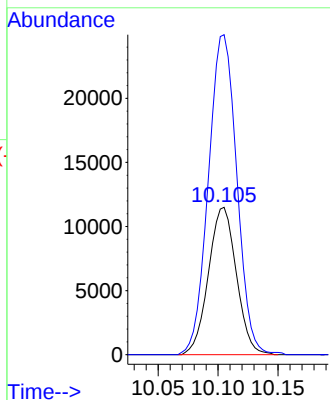
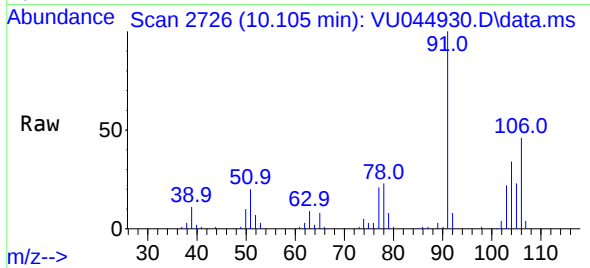
#69
o-Xylene
Concen: 5.377 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 18609
Ion Ratio Lower Upper
106 100
91 221.0 108.9 326.7

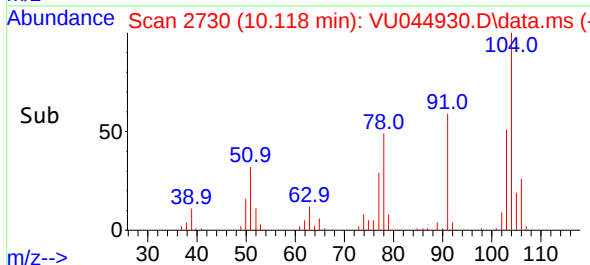
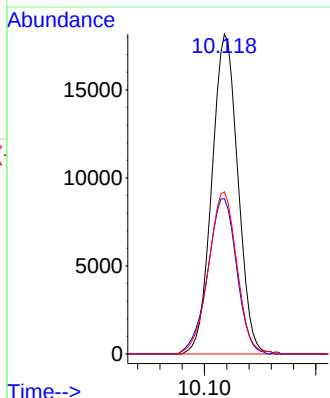
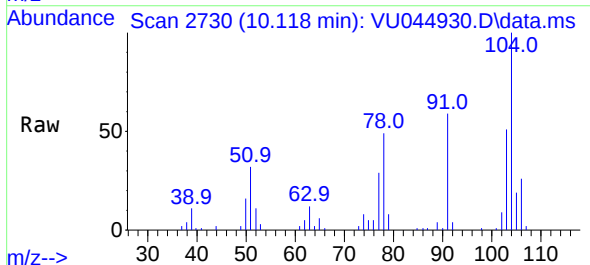
Manual Integrations
APPROVED

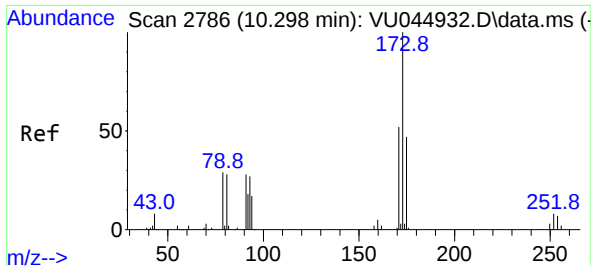
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#70
Styrene
Concen: 5.059 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Tgt Ion:104 Resp: 29457
Ion Ratio Lower Upper
104 100
78 53.9 41.4 62.0
103 55.2 43.5 65.3





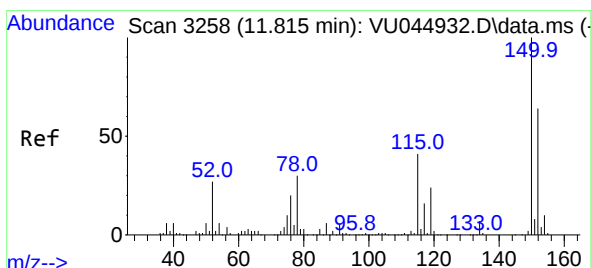
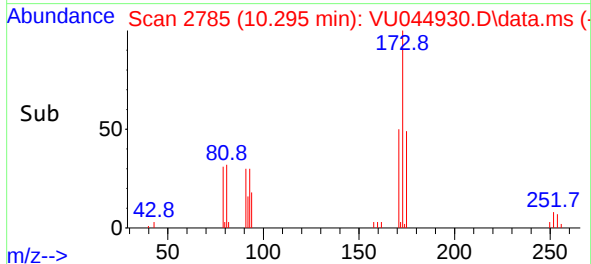
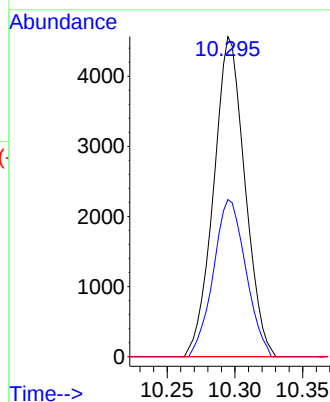
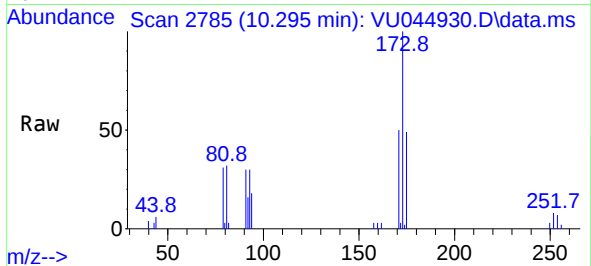
#71
Bromoform
Concen: 4.702 ug/l
RT: 10.295 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 7320
Ion Ratio Lower Upper
173 100
175 50.9 24.3 73.0
254 0.0 0.0 0.0

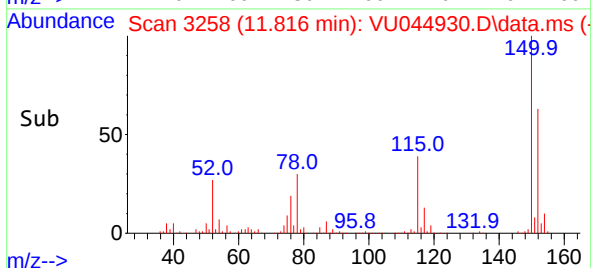
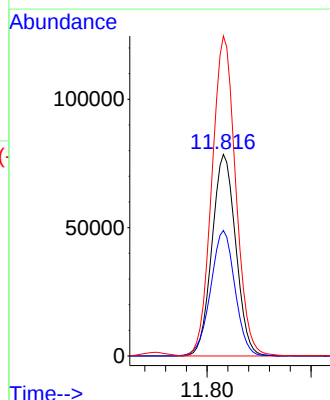
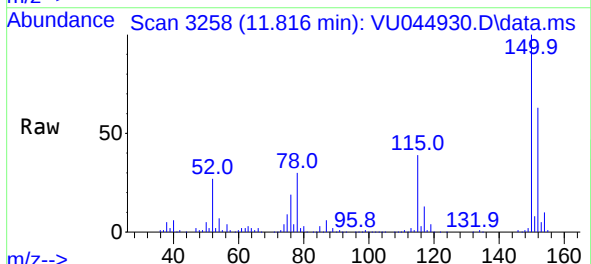
Manual Integrations
APPROVED

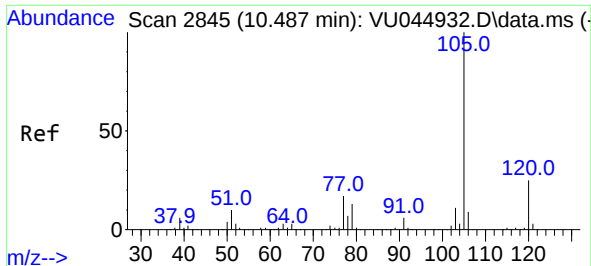
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Tgt Ion:152 Resp: 124708
Ion Ratio Lower Upper
152 100
115 63.7 43.5 130.7
150 158.6 0.0 350.0





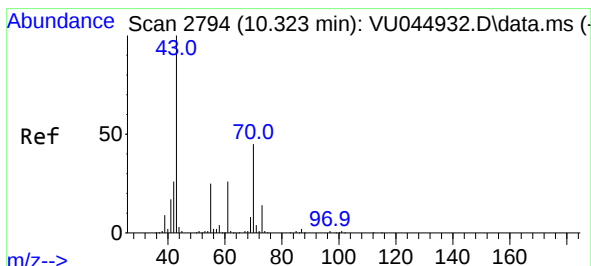
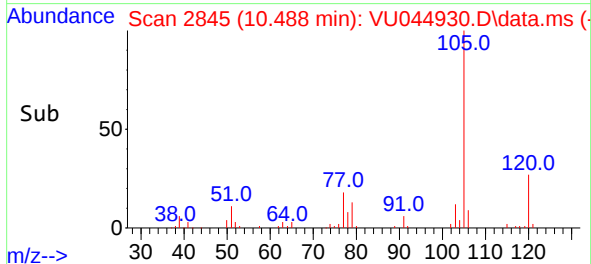
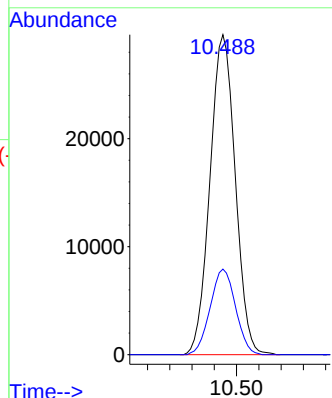
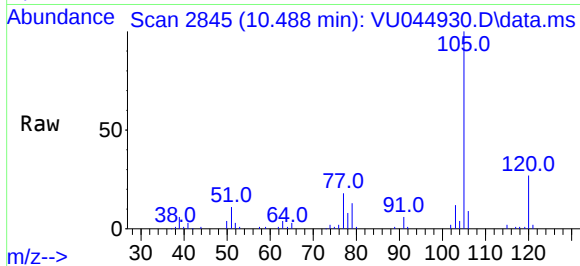
#73
Isopropylbenzene
Concen: 5.253 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 46680
Ion Ratio Lower Upper
105 100
120 26.8 12.8 38.3

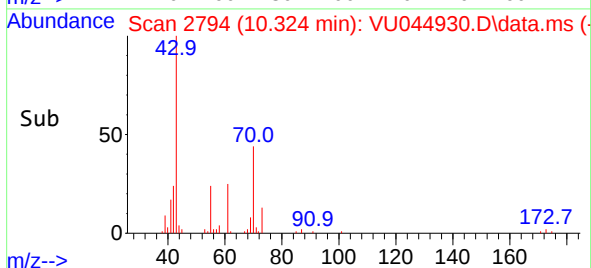
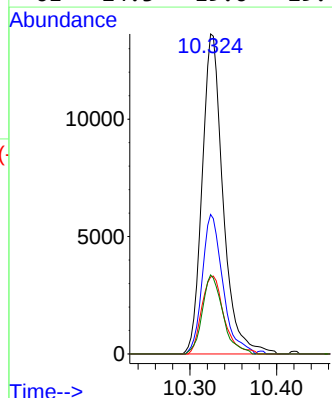
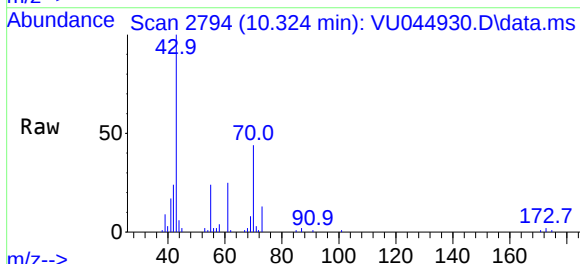
Manual Integrations
APPROVED

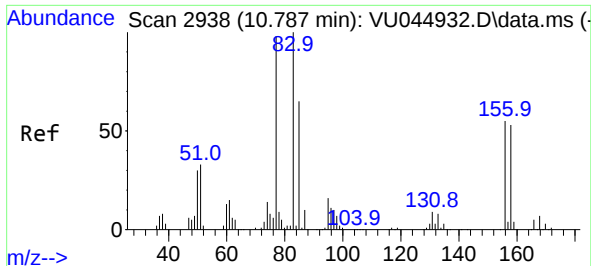
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#74
N-ethyl acetate
Concen: 5.018 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

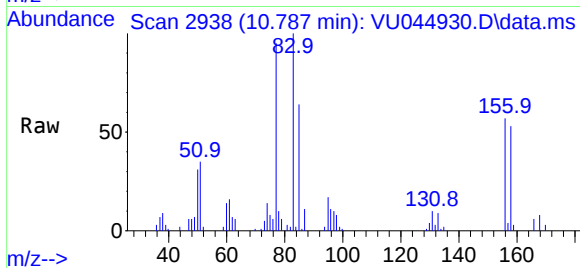
Tgt Ion: 43 Resp: 22824
Ion Ratio Lower Upper
43 100
70 43.0 35.1 52.7
55 25.9 20.5 30.7
61 24.3 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 5.319 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

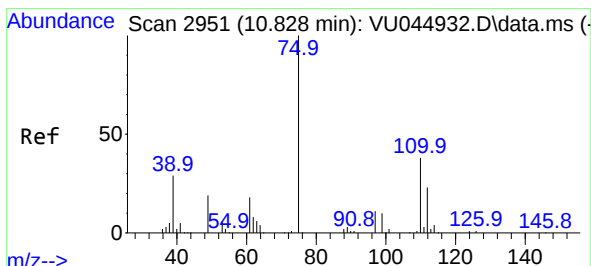
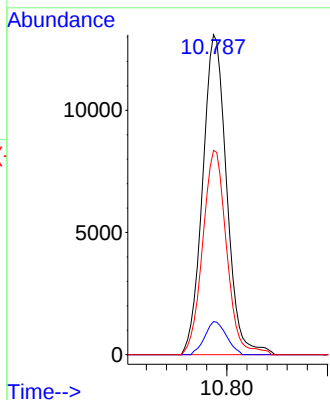
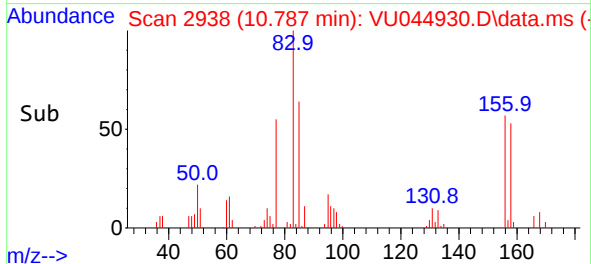
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



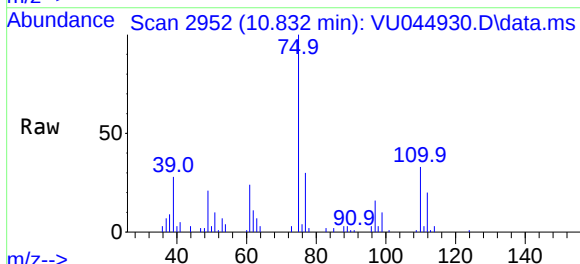
Tgt Ion: 83 Resp: 21728
Ion Ratio Lower Upper
83 100
131 9.3 4.3 13.1
85 63.5 31.9 95.5

Manual Integrations
APPROVED

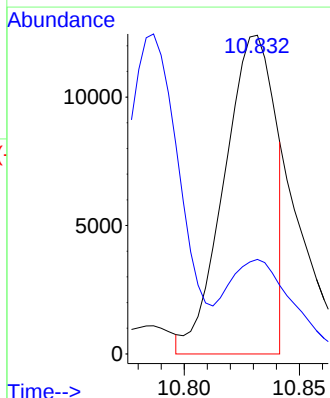
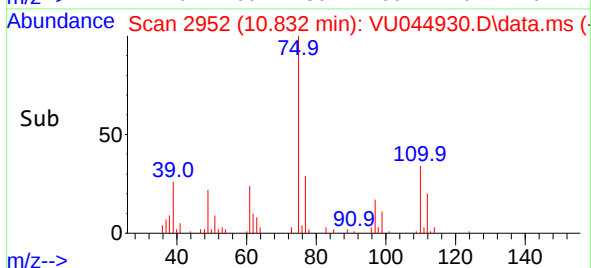
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

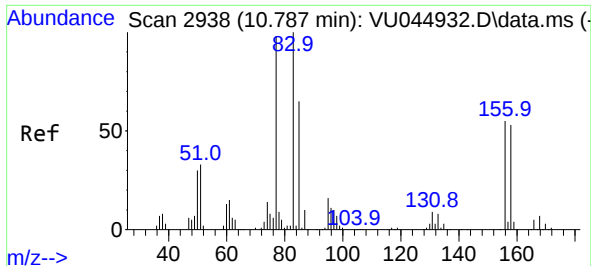


#76
1,2,3-Trichloropropane
Concen: 5.013 ug/l m
RT: 10.832 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37



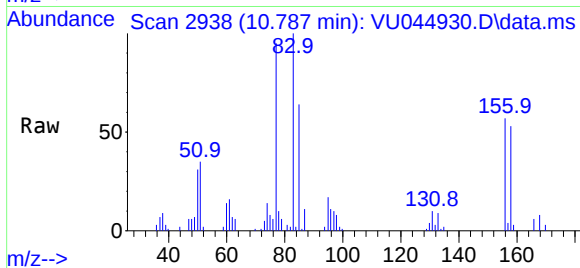
Tgt Ion: 75 Resp: 19095
Ion Ratio Lower Upper
75 100
77 38.2 17.9 53.7





#77
Bromobenzene
Concen: 5.506 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

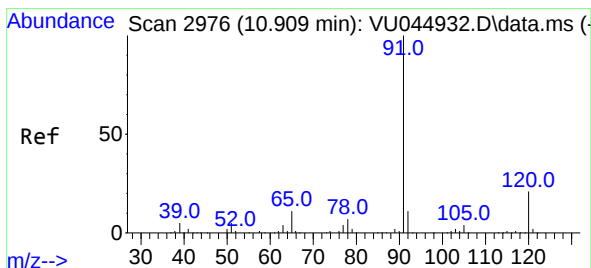
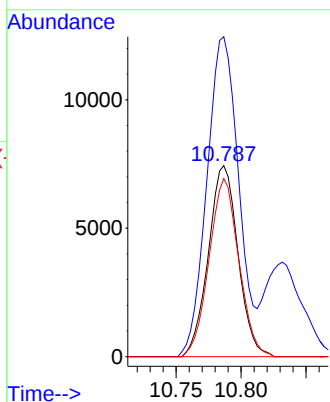
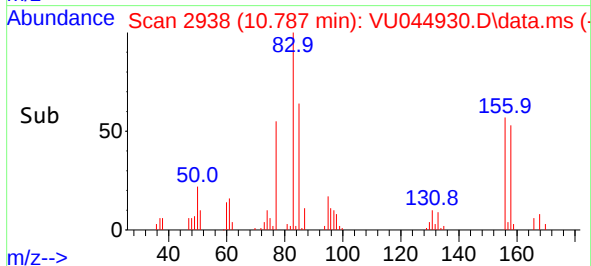
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



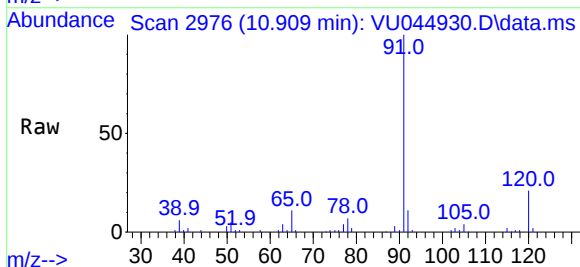
Tgt Ion:156 Resp: 11780
Ion Ratio Lower Upper
156 100
77 180.5 91.1 273.4
158 93.5 48.2 144.6

Manual Integrations
APPROVED

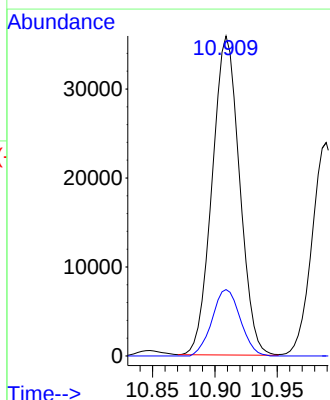
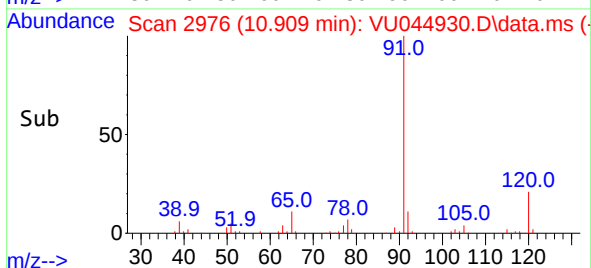
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

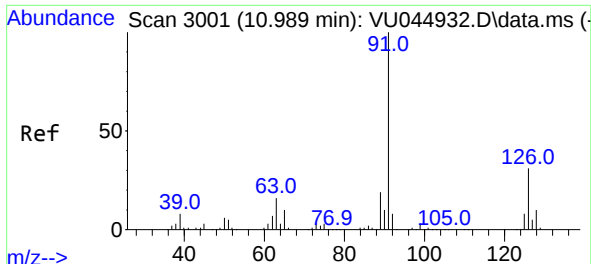


#78
n-propylbenzene
Concen: 5.076 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37



Tgt Ion: 91 Resp: 54851
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.4





#79

2-Chlorotoluene

Concen: 5.668 ug/l

RT: 10.989 min Scan# 3001

Delta R.T. 0.000 min

Lab File: VU044930.D

Acq: 28 Sep 2021 10:37

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 3746

Ion Ratio Lower Upper

91 100

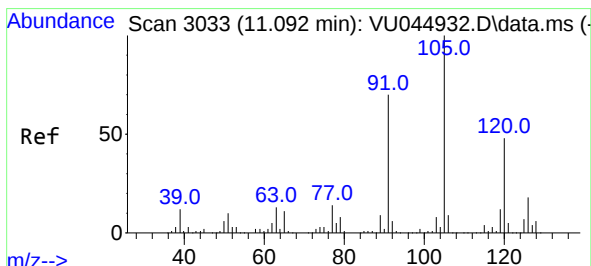
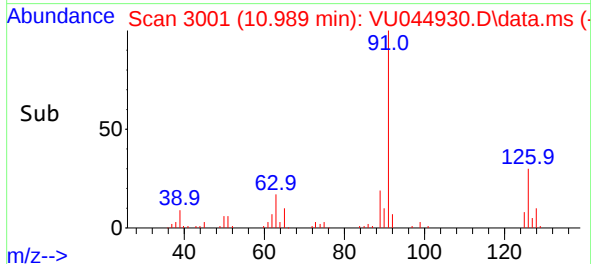
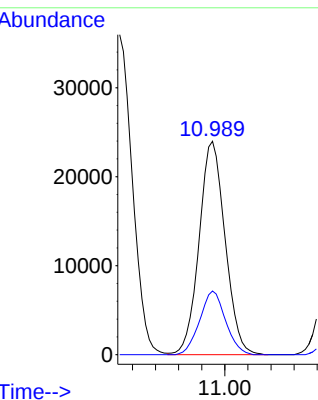
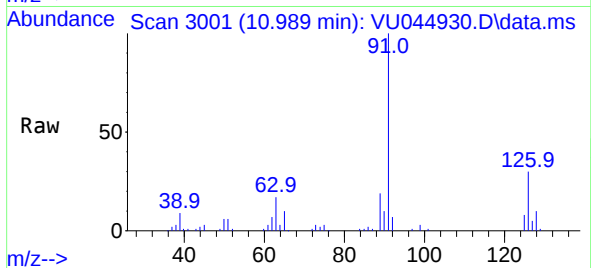
126 29.6 15.7 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#80

1,3,5-Trimethylbenzene

Concen: 5.423 ug/l

RT: 11.092 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU044930.D

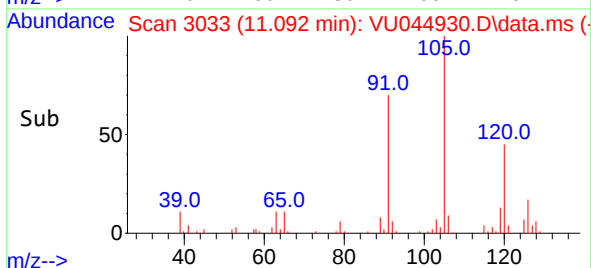
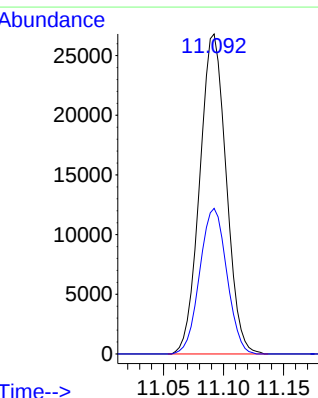
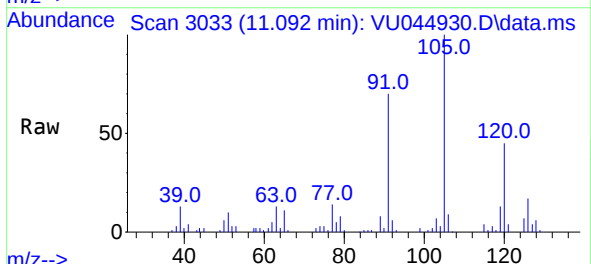
Acq: 28 Sep 2021 10:37

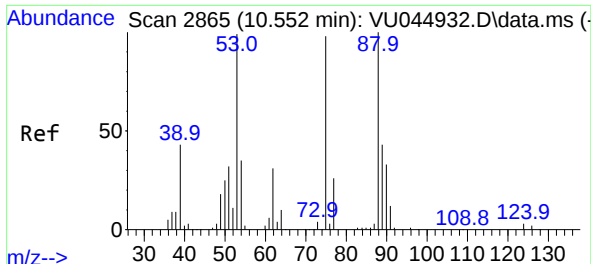
Tgt Ion:105 Resp: 41087

Ion Ratio Lower Upper

105 100

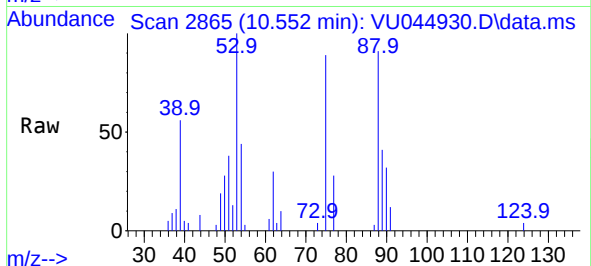
120 46.5 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 4.766 ug/l
RT: 10.552 min Scan# 2865
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

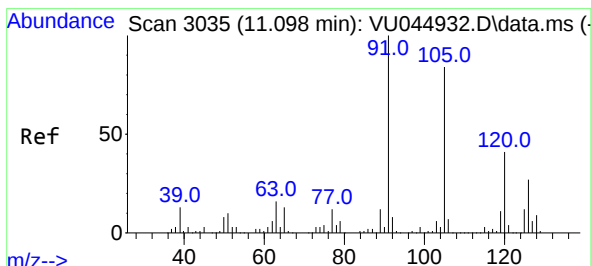
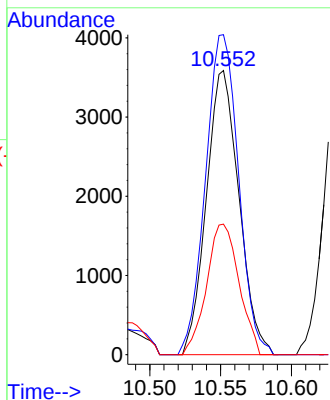
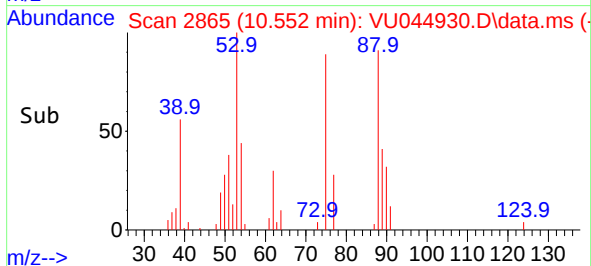
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



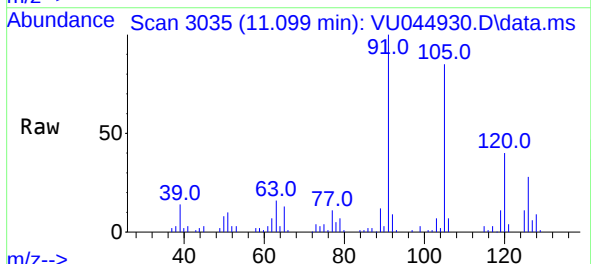
Tgt Ion: 75 Resp: 574
Ion Ratio Lower Upper
75 100
53 114.1 82.0 123.0
89 45.6 34.2 51.4

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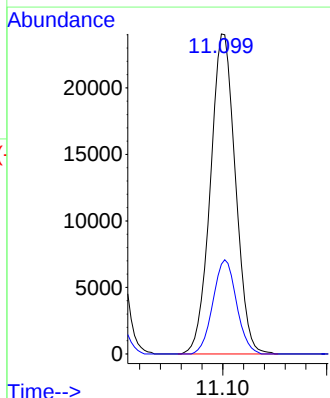
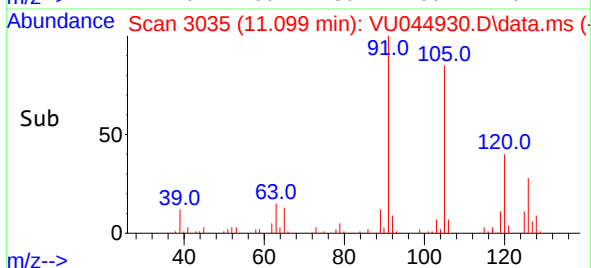
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

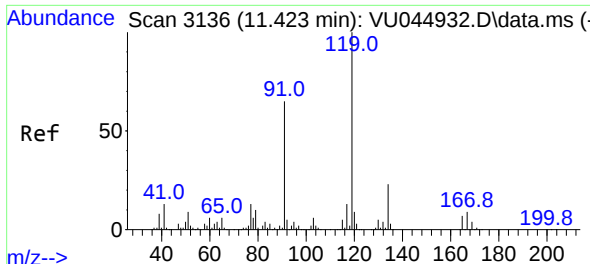


#82
4-Chlorotoluene
Concen: 5.329 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37



Tgt Ion: 91 Resp: 40142
Ion Ratio Lower Upper
91 100
126 27.8 13.8 41.4





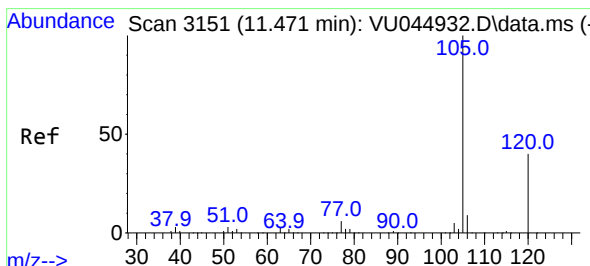
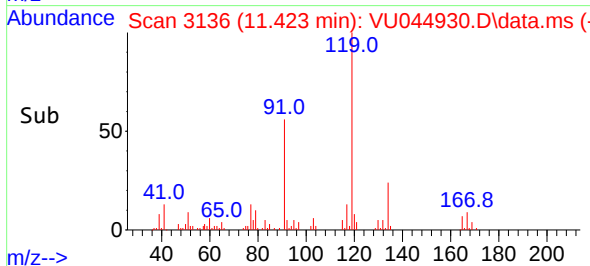
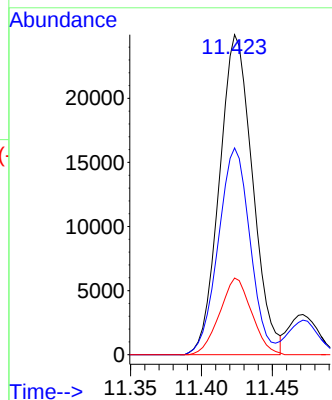
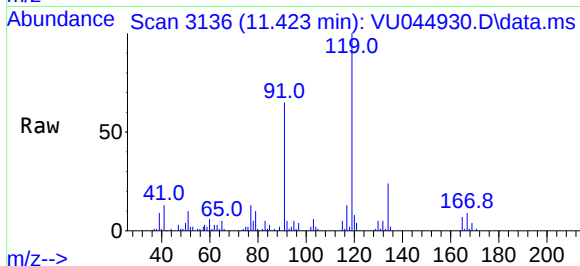
#83
tert-Butylbenzene
Concen: 5.539 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 40700
Ion Ratio Lower Upper
119 100
91 62.0 30.4 91.2
134 23.1 11.5 34.5

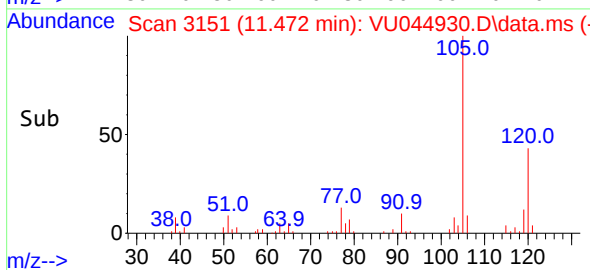
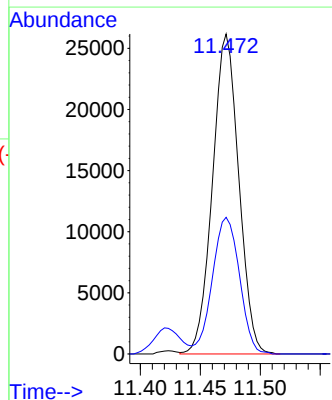
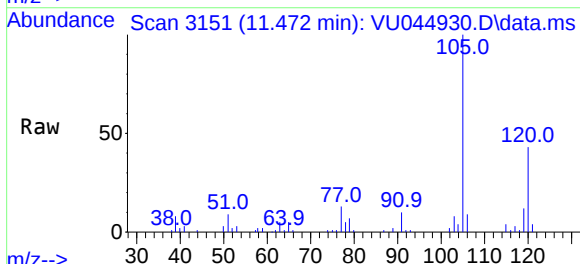
Manual Integrations
APPROVED

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



#84
1,2,4-Trimethylbenzene
Concen: 5.321 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Tgt Ion:105 Resp: 39830
Ion Ratio Lower Upper
105 100
120 44.0 22.4 67.3





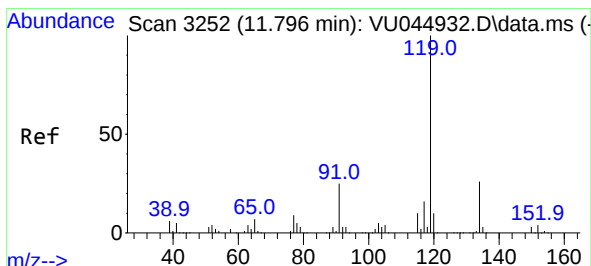
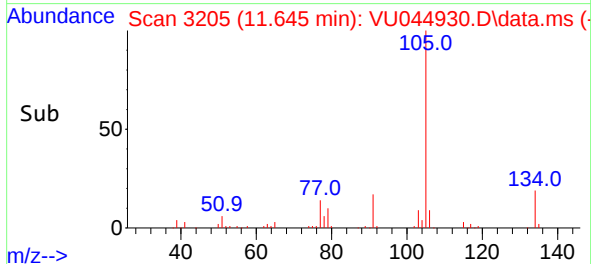
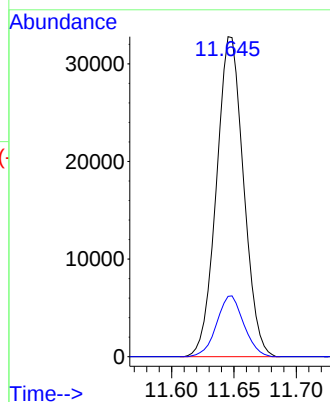
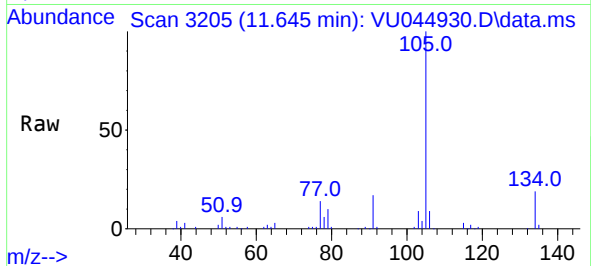
#85
 sec-Butylbenzene
 Concen: 5.243 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU044930.D
 Acq: 28 Sep 2021 10:37

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 4964
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.3 28.0

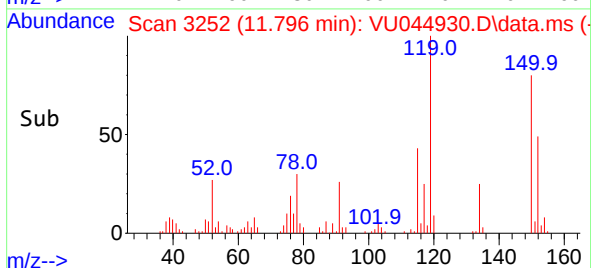
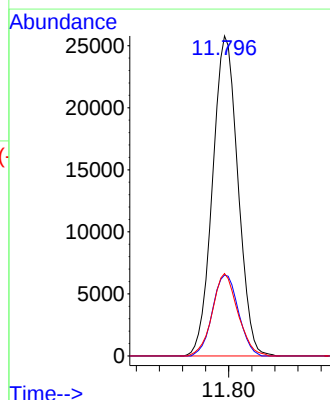
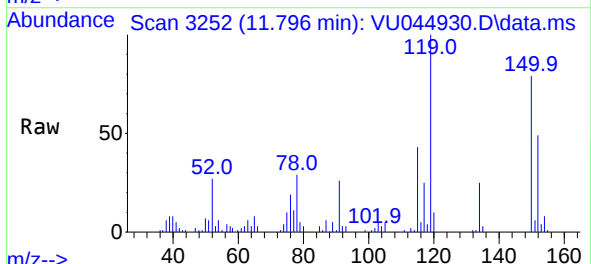
Manual Integrations
 APPROVED

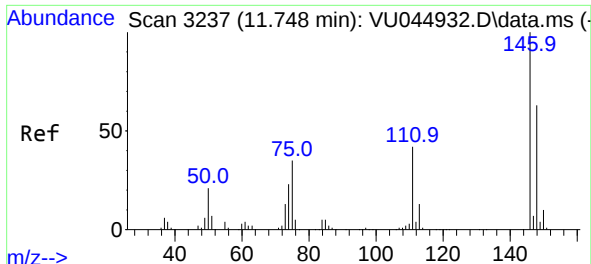
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021



#86
 p-Isopropyltoluene
 Concen: 5.097 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU044930.D
 Acq: 28 Sep 2021 10:37

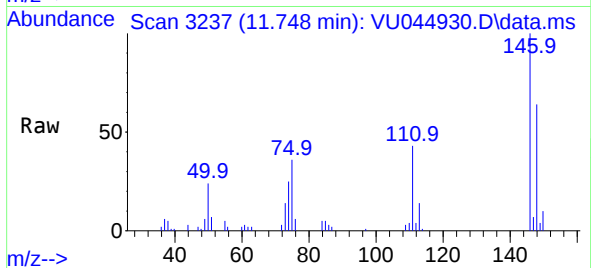
Tgt Ion:119 Resp: 39264
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.3
 91 26.0 12.2 36.6





#87
1,3-Dichlorobenzene
Concen: 5.101 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

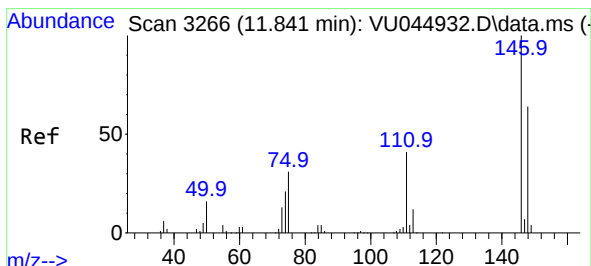
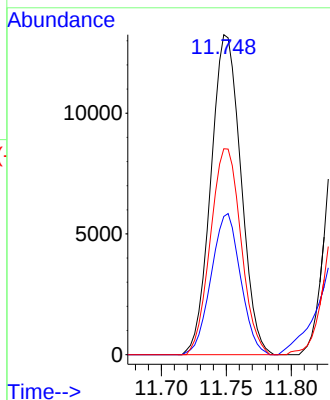
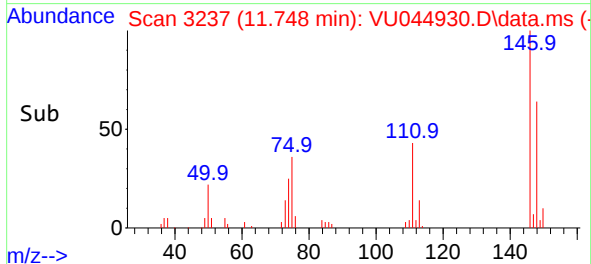
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



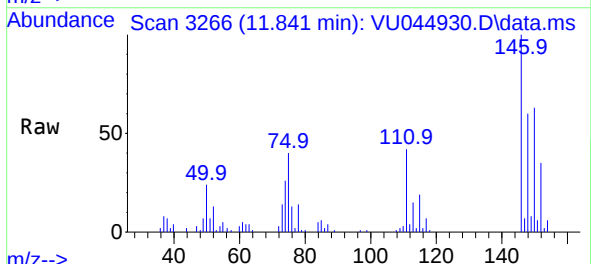
Tgt Ion:146 Resp: 21240
Ion Ratio Lower Upper
146 100
111 43.3 21.2 63.6
148 65.7 32.1 96.3

Manual Integrations
APPROVED

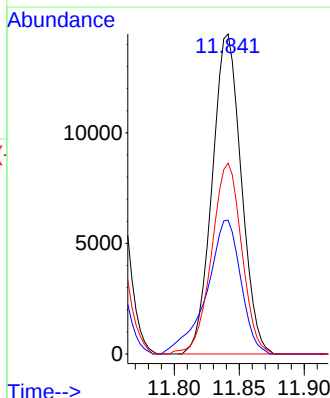
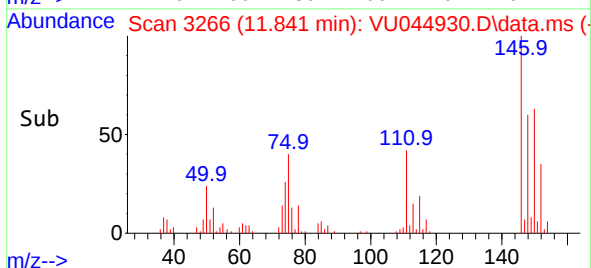
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

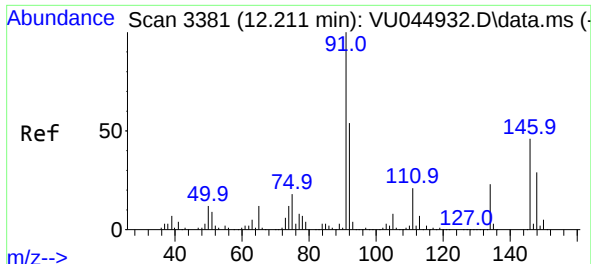


#88
1,4-Dichlorobenzene
Concen: 5.232 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37



Tgt Ion:146 Resp: 22469
Ion Ratio Lower Upper
146 100
111 49.0 20.3 61.0
148 61.9 31.8 95.3





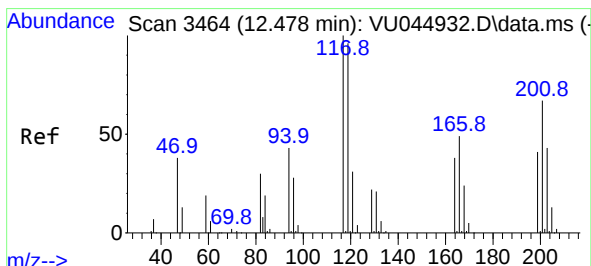
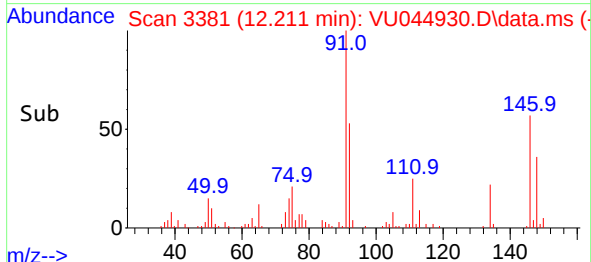
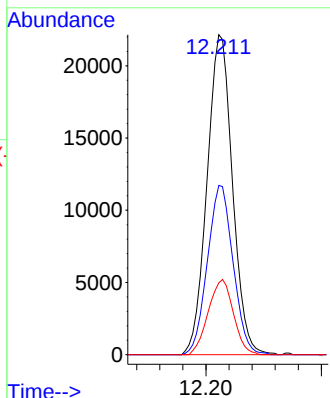
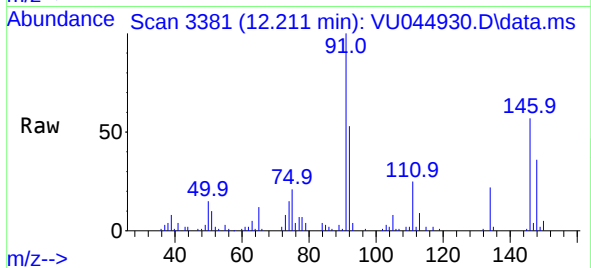
#89
n-Butylbenzene
Concen: 4.775 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 3386
Ion Ratio Lower Upper
91 100
92 53.4 26.8 80.4
134 23.2 11.8 35.4

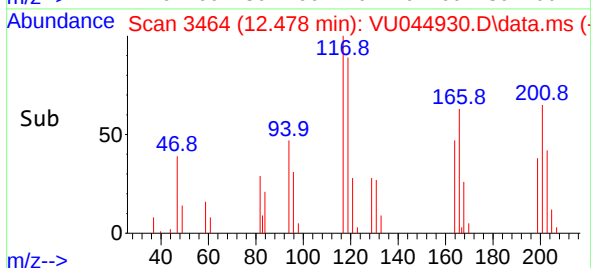
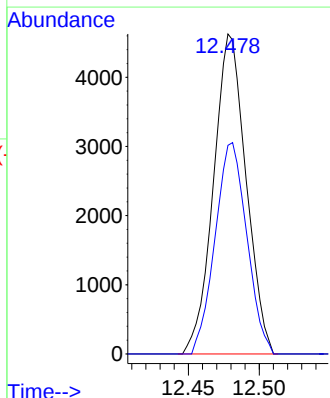
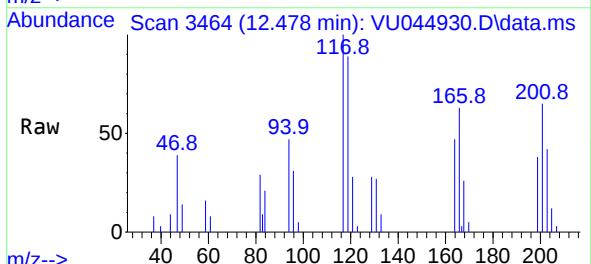
Manual Integrations
APPROVED

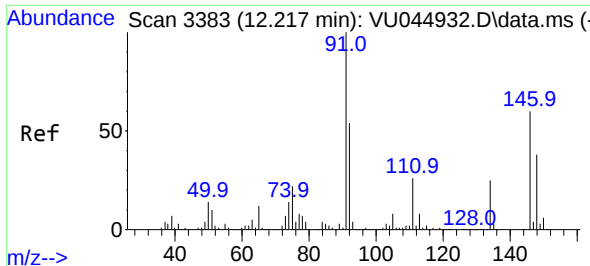
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#90
Hexachloroethane
Concen: 5.280 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Tgt Ion:117 Resp: 7395
Ion Ratio Lower Upper
117 100
201 64.4 34.8 104.3





#91
1,2-Dichlorobenzene
Concen: 5.278 ug/l
RT: 12.218 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

Instrument :

MSVOA_U

ClientSampleId :

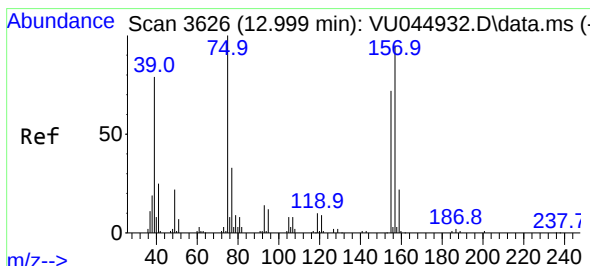
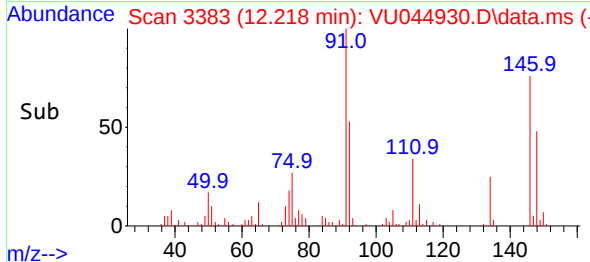
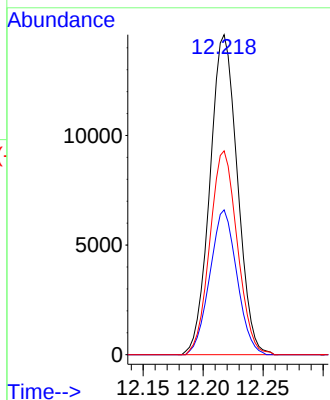
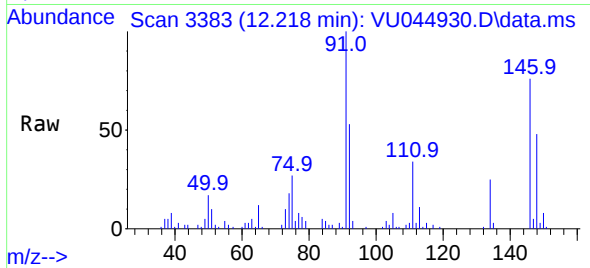
VSTDIC005

Tgt Ion:146 Resp: 23218
Ion Ratio Lower Upper
146 100
111 44.6 21.4 64.3
148 63.8 31.8 95.3

Manual Integrations

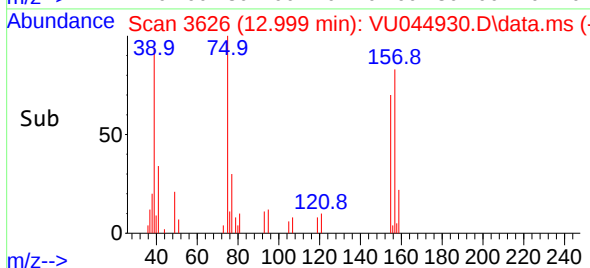
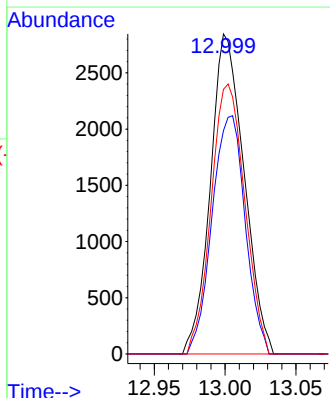
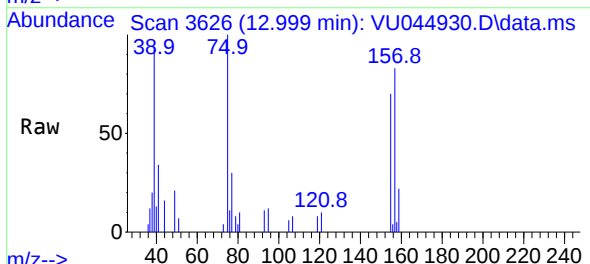
APPROVED

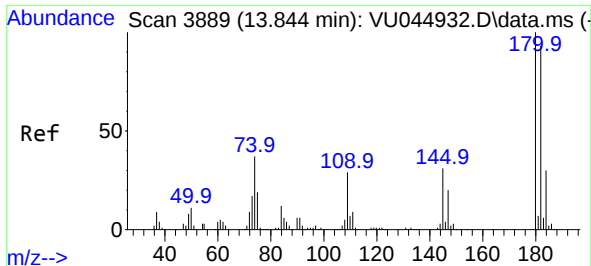
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.820 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

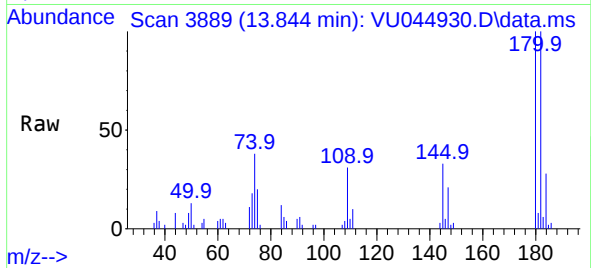
Tgt Ion: 75 Resp: 4706
Ion Ratio Lower Upper
75 100
155 73.2 36.9 110.6
157 84.1 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 4.521 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

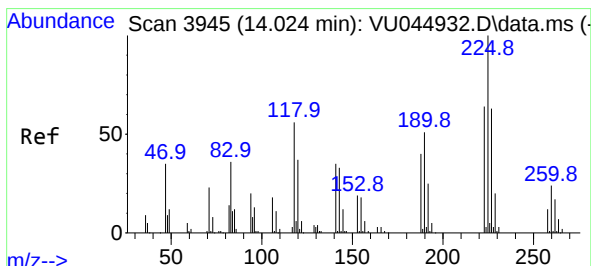
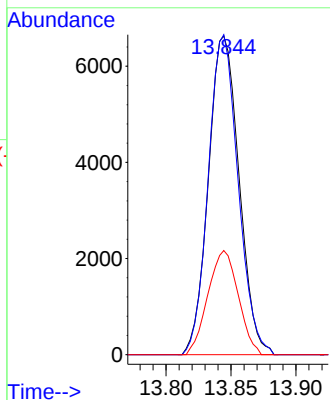
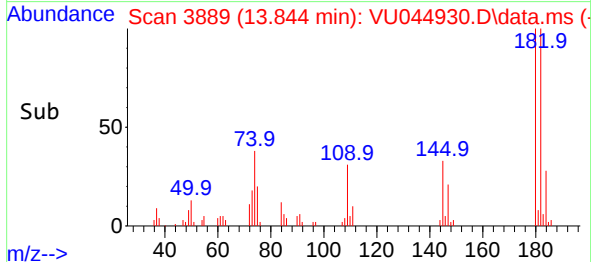
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



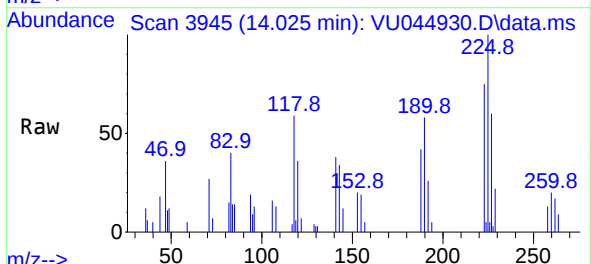
Tgt Ion:180 Resp: 1087
Ion Ratio Lower Upper
180 100
182 97.6 47.4 142.3
145 32.3 15.4 46.2

Manual Integrations
APPROVED

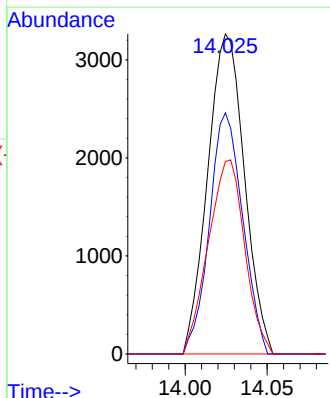
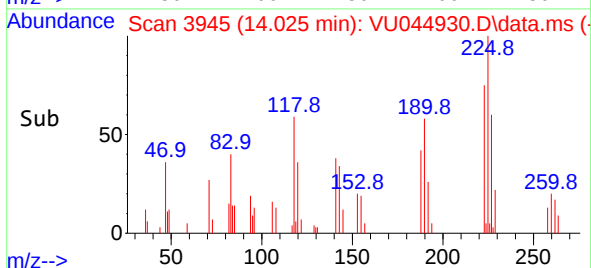
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

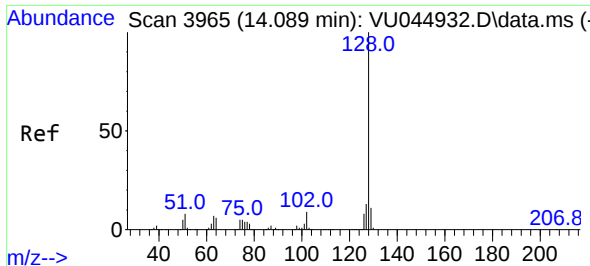


#94
Hexachlorobutadiene
Concen: 4.780 ug/l
RT: 14.025 min Scan# 3945
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37



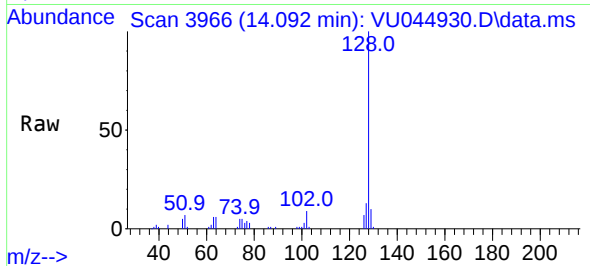
Tgt Ion:225 Resp: 5082
Ion Ratio Lower Upper
225 100
223 68.2 31.1 93.3
227 60.0 31.4 94.3





#95
Naphthalene
Concen: 4.772 ug/l
RT: 14.092 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37

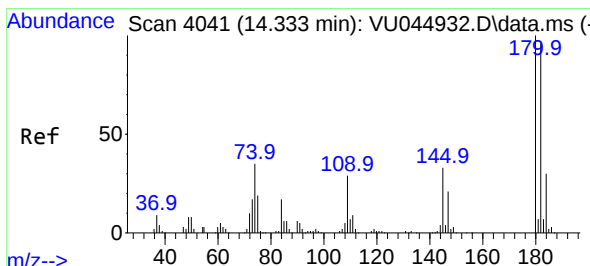
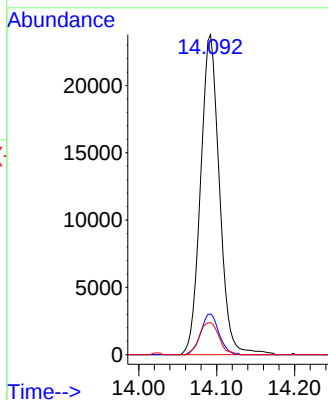
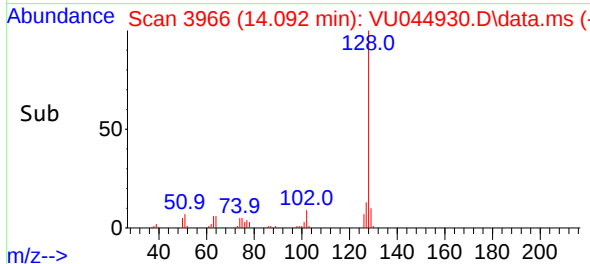
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005



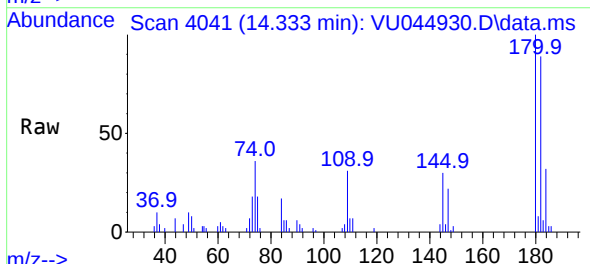
Tgt Ion:128 Resp: 3994
Ion Ratio Lower Upper
128 100
127 12.3 10.4 15.6
129 10.3 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 4.586 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU044930.D
Acq: 28 Sep 2021 10:37



Tgt Ion:180 Resp: 11123
Ion Ratio Lower Upper
180 100
182 93.4 47.1 141.4
145 30.1 16.4 49.2

