

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045905.D
 Acq On : 22 Nov 2021 10:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/23/2021
 Supervised By : Mahesh Dadoda 11/23/2021

Quant Time: Nov 23 05:27:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	115971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	193645	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	191358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	102271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	87543	50.405	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.800%			
35) Dibromofluoromethane	5.295	113	67707	52.370	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.740%			
50) Toluene-d8	7.903	98	260851	54.259	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.520%			
62) 4-Bromofluorobenzene	10.636	95	100149	51.950	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	79321	52.753	ug/l	100
3) Chloromethane	1.520	50	73910	42.960	ug/l	99
4) Vinyl Chloride	1.607	62	83219	49.657	ug/l	98
5) Bromomethane	1.861	94	49570	53.030	ug/l	100
6) Chloroethane	1.938	64	49693	45.435	ug/l	97
7) Trichlorofluoromethane	2.141	101	113617	51.268	ug/l	100
8) Diethyl Ether	2.379	74	43797	49.926	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.584	101	66082	51.066	ug/l	98
10) Methyl Iodide	2.726	142	59325	35.032	ug/l	93
11) Tert butyl alcohol	3.269	59	88357m	257.025	ug/l	
12) 1,1-Dichloroethene	2.584	96	63339	49.643	ug/l	98
13) Acrolein	2.498	56	13234	265.655	ug/l	98
14) Allyl chloride	2.928	41	108236	47.510	ug/l	98
15) Acrylonitrile	3.324	53	246713	268.802	ug/l	99
16) Acetone	2.652	43	306031	346.144	ug/l	98
17) Carbon Disulfide	2.797	76	178474	49.940	ug/l	100
18) Methyl Acetate	2.957	43	144630	48.029	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	229676	50.009	ug/l	99
20) Methylene Chloride	3.051	84	74714	48.635	ug/l	97
21) trans-1,2-Dichloroethene	3.356	96	68991	51.976	ug/l	95
22) Diisopropyl ether	3.996	45	212826	47.577	ug/l	92
23) Vinyl Acetate	3.961	43	893146	259.603	ug/l	99
24) 1,1-Dichloroethane	3.874	63	131630	49.380	ug/l	99
25) 2-Butanone	4.716	43	359420	293.109	ug/l	97
26) 2,2-Dichloropropane	4.671	77	113121	51.212	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	78804	50.547	ug/l	99
28) Bromochloromethane	4.977	49	65411	51.471	ug/l	93
29) Tetrahydrofuran	5.060	42	192609	256.789	ug/l	97
30) Chloroform	5.092	83	132763	50.359	ug/l	99
31) Cyclohexane	5.391	56	113854	44.928	ug/l	95
32) 1,1,1-Trichloroethane	5.321	97	116631	51.878	ug/l	97
36) 1,1-Dichloropropene	5.530	75	99444	52.667	ug/l	99
37) Ethyl Acetate	4.806	43	114618	52.844	ug/l	99
38) Carbon Tetrachloride	5.530	117	102292	53.736	ug/l	99
39) Methylcyclohexane	6.768	83	119455	51.569	ug/l	95
40) Benzene	5.777	78	283933	50.791	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	61375	53.545	ug/l	97
42) 1,2-Dichloroethane	5.797	62	106933	52.957	ug/l	99
43) Isopropyl Acetate	5.912	43	164140	49.476	ug/l	97
44) Trichloroethene	6.546	130	72886	54.469	ug/l	98
45) 1,2-Dichloropropane	6.793	63	76409	51.656	ug/l	98
46) Dibromomethane	6.922	93	54347	53.026	ug/l	97
47) Bromodichloromethane	7.108	83	105595	54.299	ug/l	97
48) Methyl methacrylate	6.960	41	77335	50.646	ug/l	96
49) 1,4-Dioxane	7.041	88	39192m	998.055	ug/l	
51) 4-Methyl-2-Pentanone	7.793	43	578304	264.254	ug/l	100
52) Toluene	7.973	92	185072	54.075	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	120427	53.883	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	128937	54.315	ug/l	93
55) 1,1,2-Trichloroethane	8.404	97	75554	53.265	ug/l	97
56) Ethyl methacrylate	8.337	69	116583	46.026	ug/l	95
57) 1,3-Dichloropropane	8.578	76	133598	52.294	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	294315	225.379	ug/l	97
59) 2-Hexanone	8.687	43	481090	252.563	ug/l	100
60) Dibromochloromethane	8.812	129	81720	55.328	ug/l	99
61) 1,2-Dibromoethane	8.925	107	82065	53.944	ug/l	99
64) Tetrachloroethene	8.555	164	69940	63.680	ug/l	99
65) Chlorobenzene	9.449	112	194340	51.703	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	70336	52.467	ug/l	98
67) Ethyl Benzene	9.571	91	356701	52.992	ug/l	100
68) m/p-Xylenes	9.697	106	277156	109.177	ug/l	100
69) o-Xylene	10.102	106	132640	53.743	ug/l	99
70) Styrene	10.118	104	227900	54.583	ug/l	99
71) Bromoform	10.291	173	62524	49.321	ug/l #	99
73) Isopropylbenzene	10.488	105	352933	52.816	ug/l	100
74) N-amyl acetate	10.320	43	136649	45.330	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.783	83	131880	49.813	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	152183	49.068	ug/l	94
77) Bromobenzene	10.783	156	83795	51.648	ug/l	95
78) n-propylbenzene	10.909	91	442204	53.170	ug/l	99
79) 2-Chlorotoluene	10.989	91	253774	51.647	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	309316	52.980	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	41659	44.362	ug/l	94
82) 4-Chlorotoluene	11.099	91	304464	52.835	ug/l	98
83) tert-Butylbenzene	11.423	119	287274	51.617	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	310304	53.477	ug/l	100
85) sec-Butylbenzene	11.645	105	387514	52.500	ug/l	100
86) p-Isopropyltoluene	11.796	119	323090	52.381	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	167087	51.042	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	170299	51.438	ug/l	100
89) n-Butylbenzene	12.211	91	307698	51.787	ug/l	99
90) Hexachloroethane	12.478	117	49342	44.345	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	163856	51.449	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.996	75	31009	49.638	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	114091	51.810	ug/l	99
94) Hexachlorobutadiene	14.024	225	48898	51.442	ug/l	98
95) Naphthalene	14.089	128	400205	48.376	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	115549	52.828	ug/l	99

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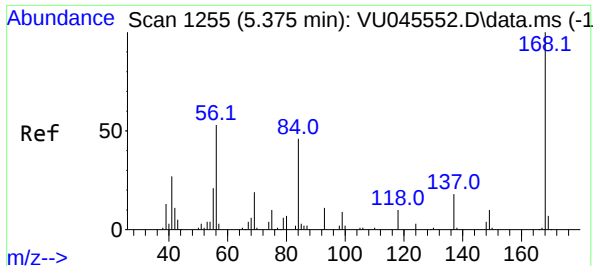
Manual Integrations
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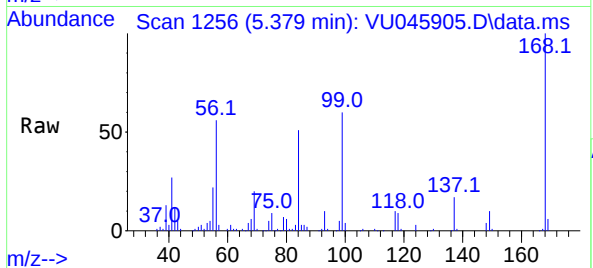
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045905.D
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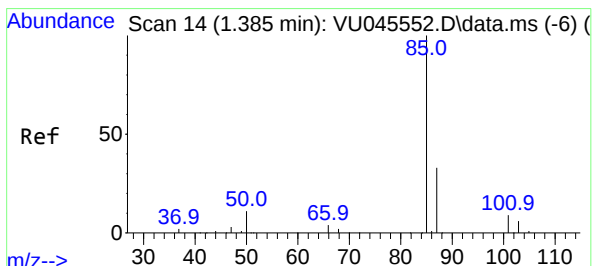
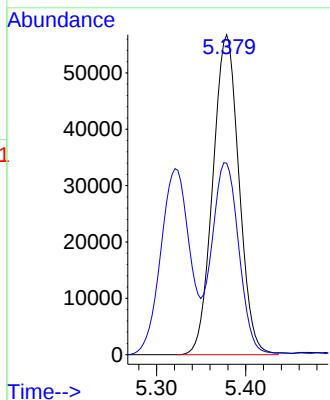
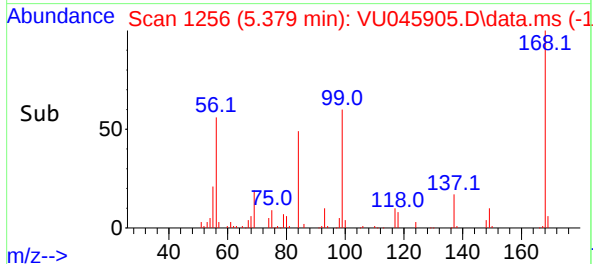
Instrument :
MSVOA_U
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VSTDCCC050



Tgt Ion:168 Resp: 11597
Ion Ratio Lower Upper
168 100
99 59.2 51.0 76.6

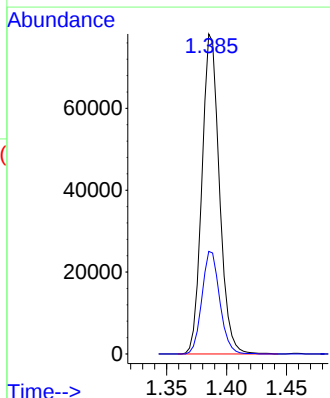
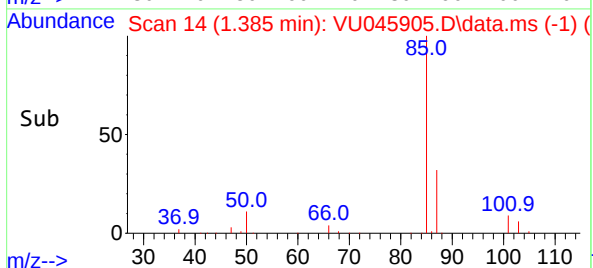
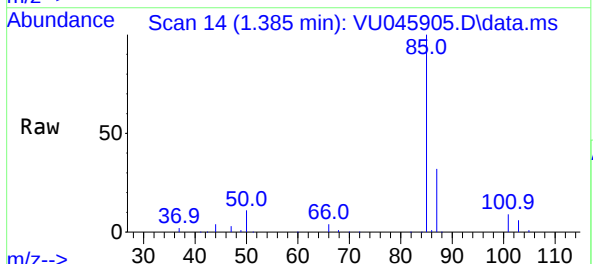
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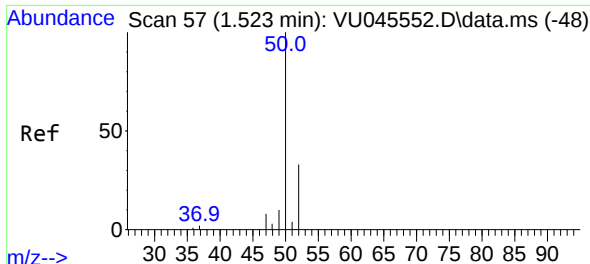
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#2
Dichlorodifluoromethane
Concen: 52.753 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Tgt Ion: 85 Resp: 79321
Ion Ratio Lower Upper
85 100
87 32.1 15.9 47.7





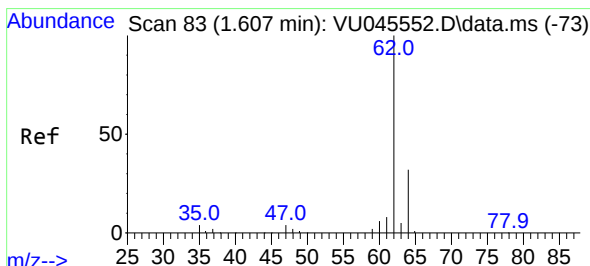
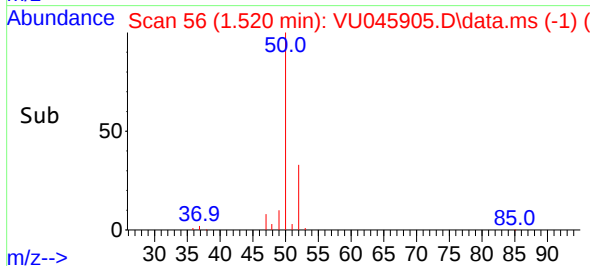
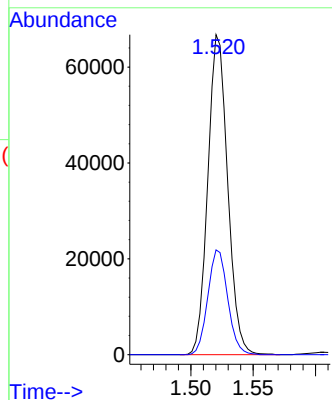
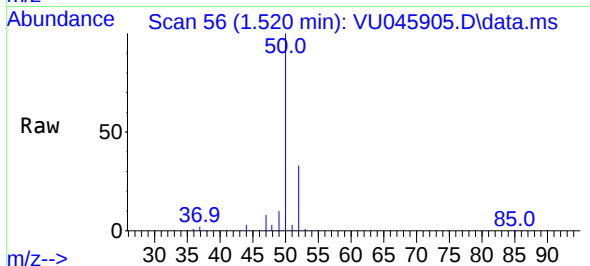
#3
Chloromethane
Concen: 42.960 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

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Tgt Ion: 50 Resp: 73910
Ion Ratio Lower Upper
50 100
52 32.7 26.6 40.0

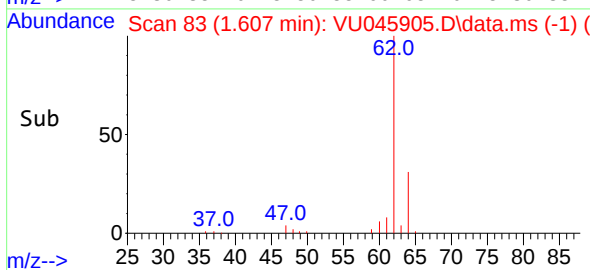
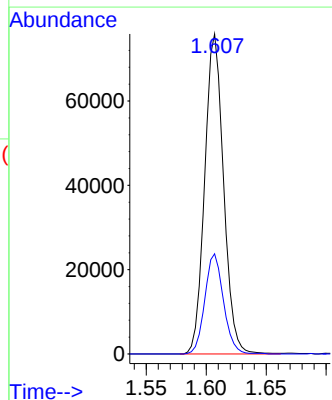
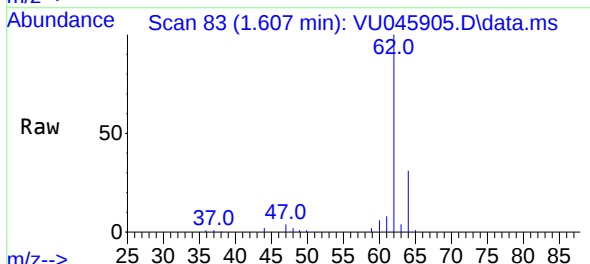
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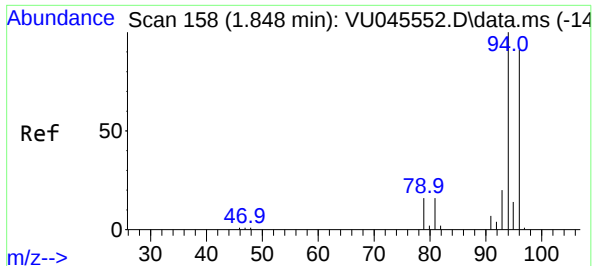
Reviewed By :John Carlone 11/23/2021
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#4
Vinyl Chloride
Concen: 49.657 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

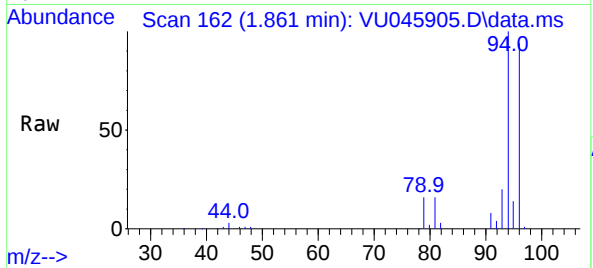
Tgt Ion: 62 Resp: 83219
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.6





#5
Bromomethane
Concen: 53.030 ug/l
RT: 1.861 min Scan# 10
Delta R.T. 0.013 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

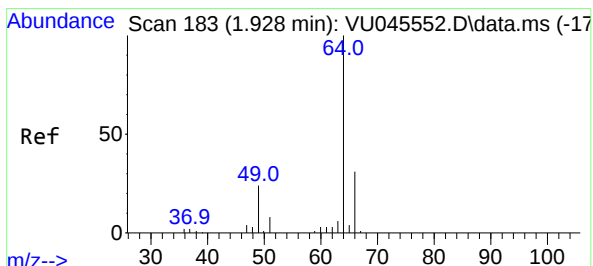
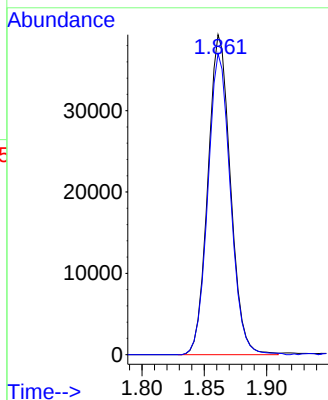
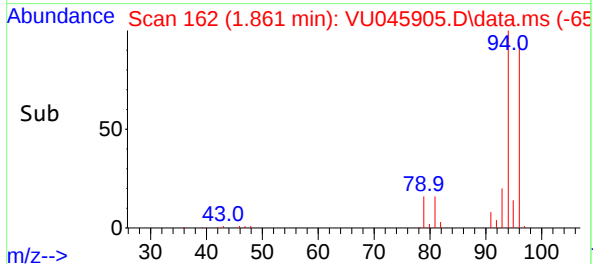
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Tgt Ion: 94 Resp: 49570
Ion Ratio Lower Upper
94 100
96 94.1 75.4 113.2

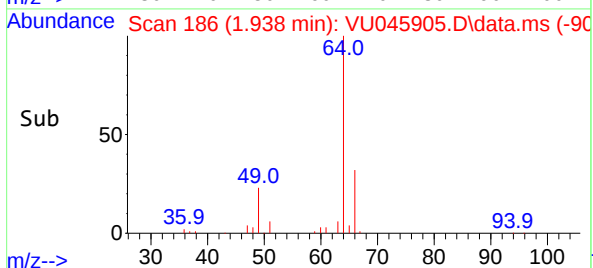
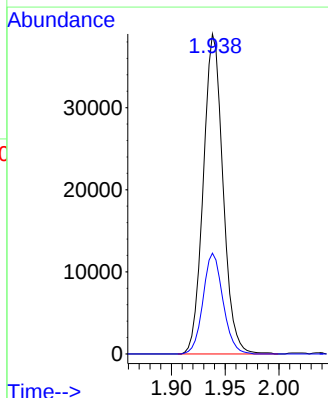
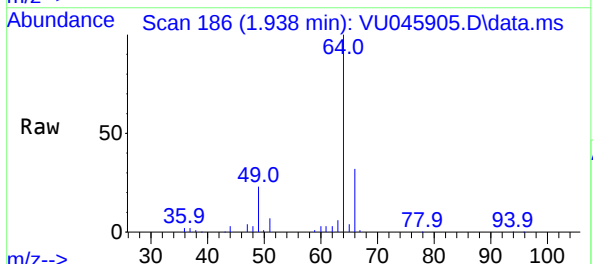
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#6
Chloroethane
Concen: 45.435 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.010 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Tgt Ion: 64 Resp: 49693
Ion Ratio Lower Upper
64 100
66 31.5 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 51.268 ug/l
 RT: 2.141 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU045905.D
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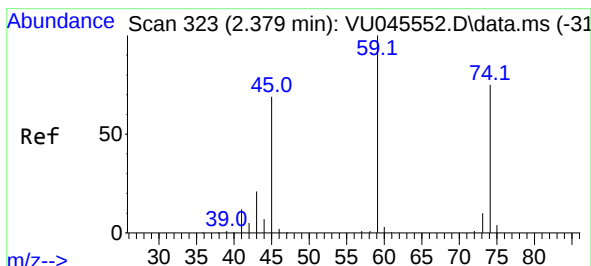
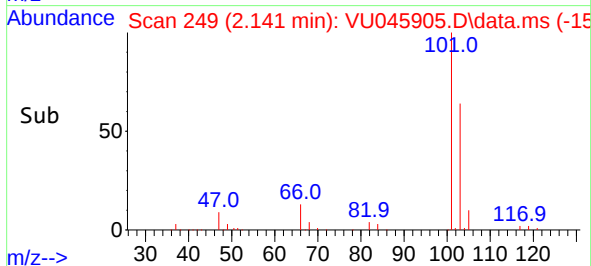
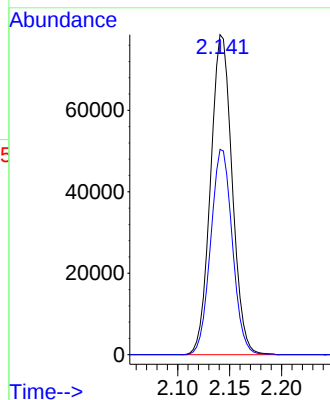
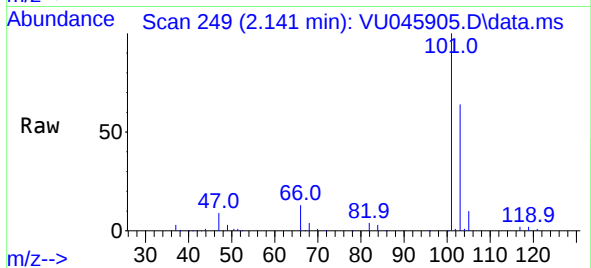
VSTDCCC050

Tgt Ion:101 Resp: 11361
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0

Manual Integrations

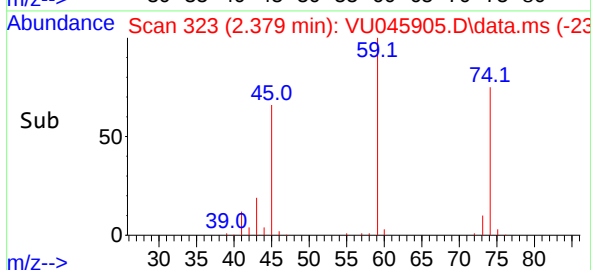
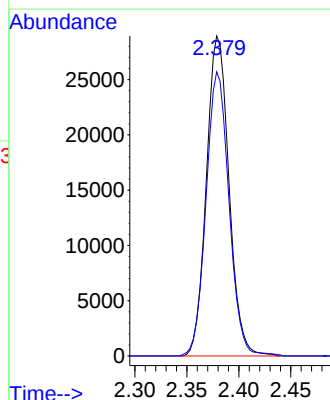
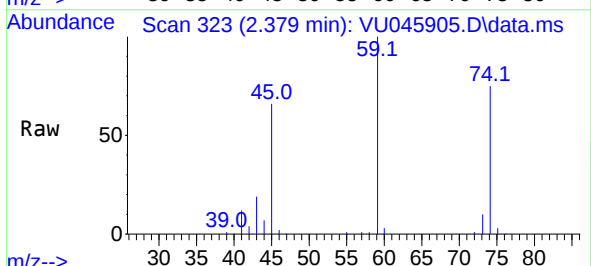
APPROVED

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#8
 Diethyl Ether
 Concen: 49.926 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. 0.000 min
 Lab File: VU045905.D
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Tgt Ion: 74 Resp: 43797
 Ion Ratio Lower Upper
 74 100
 45 90.3 47.3 141.8





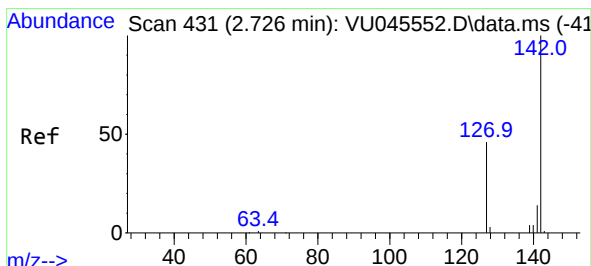
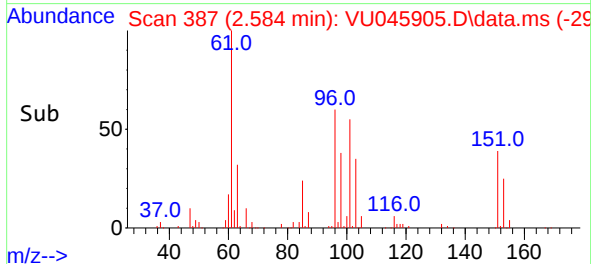
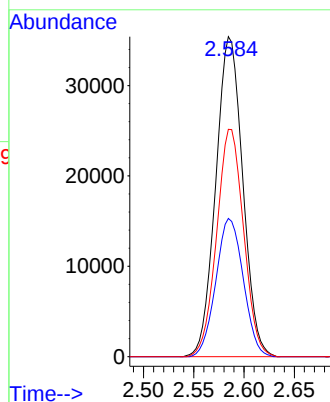
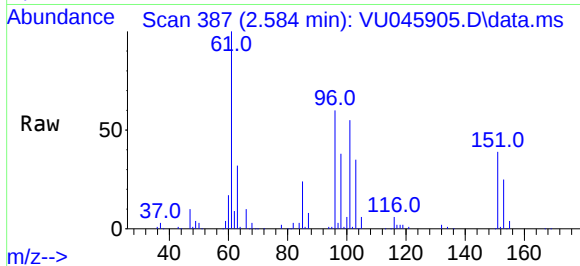
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.066 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

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Tgt Ion:101 Resp: 6608
Ion Ratio Lower Upper
101 100
85 43.9 35.0 52.4
151 71.0 54.6 82.0

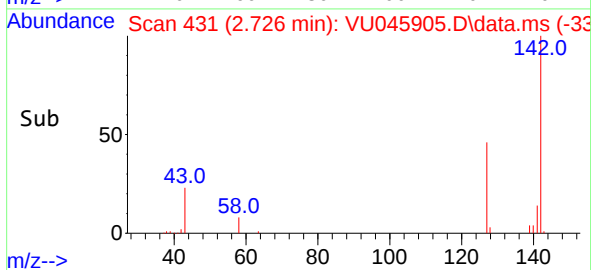
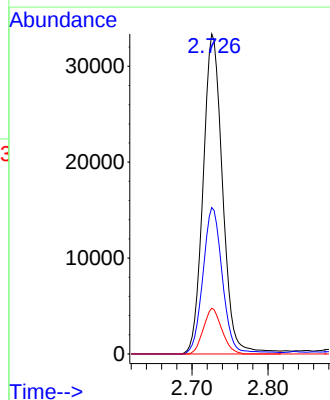
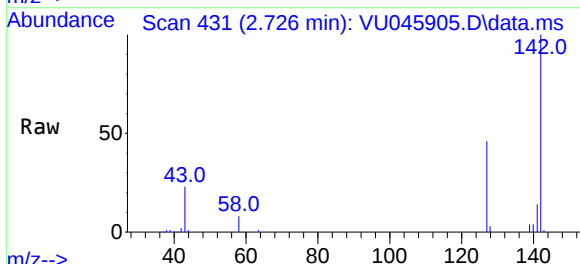
Manual Integrations
APPROVED

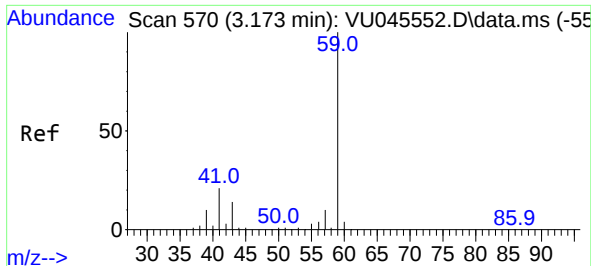
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#10
Methyl Iodide
Concen: 35.032 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Tgt Ion:142 Resp: 59325
Ion Ratio Lower Upper
142 100
127 46.1 32.2 48.2
141 13.5 11.3 16.9





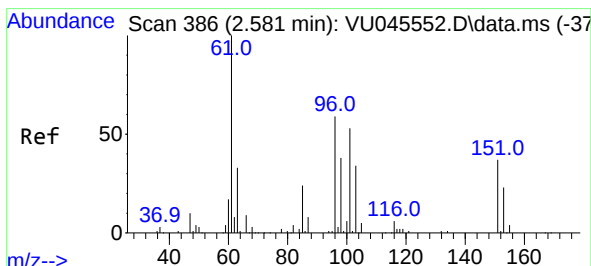
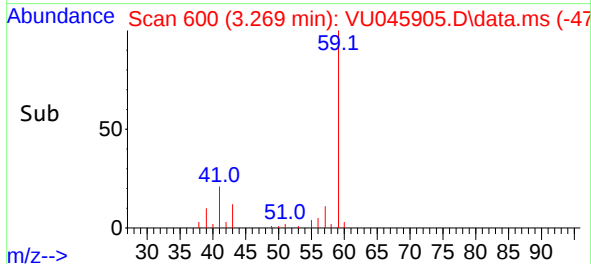
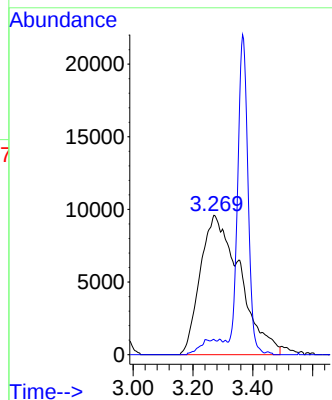
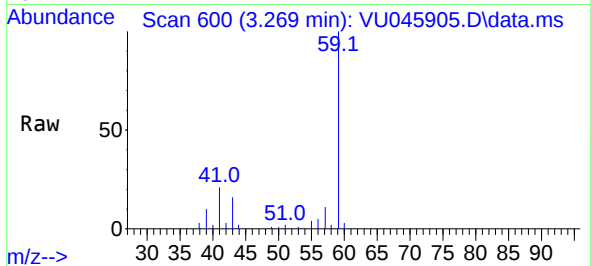
#11
Tert butyl alcohol
Concen: 257.025 ug/l m
RT: 3.269 min Scan# 60
Delta R.T. 0.096 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 8835
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5

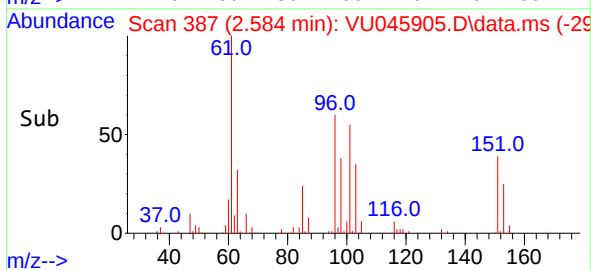
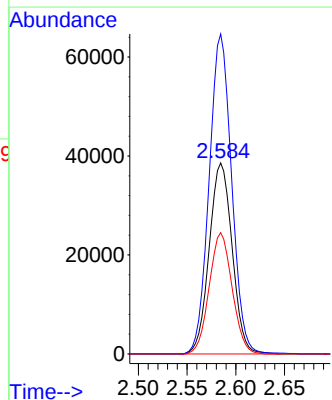
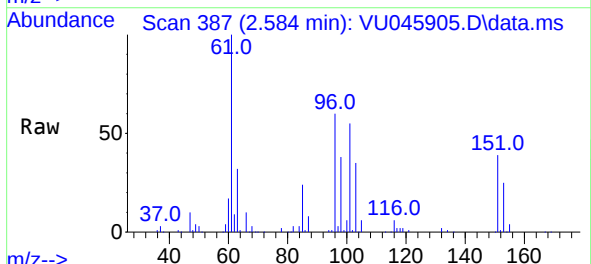
Manual Integrations
APPROVED

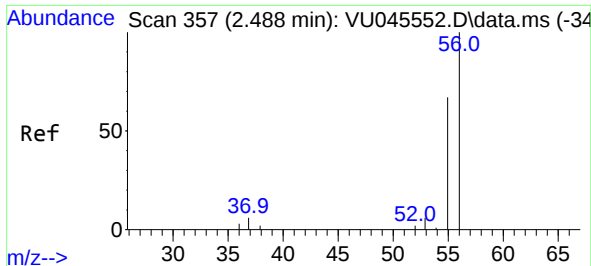
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#12
1,1-Dichloroethene
Concen: 49.643 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Tgt Ion: 96 Resp: 63339
Ion Ratio Lower Upper
96 100
61 167.5 137.1 205.7
98 63.5 51.5 77.3





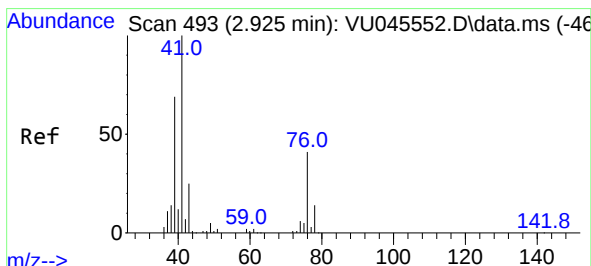
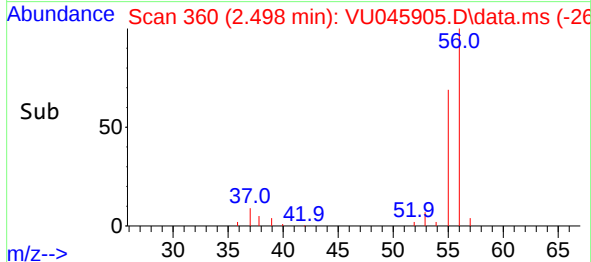
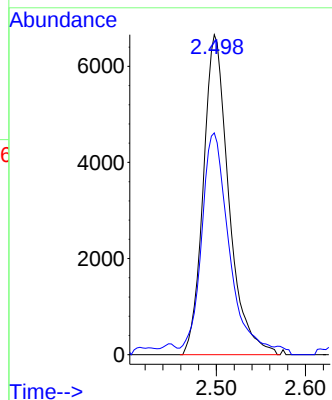
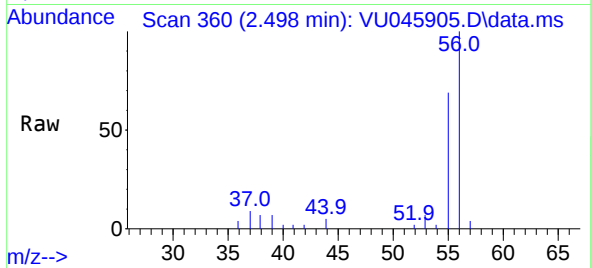
#13
Acrolein
Concen: 265.655 ug/l
RT: 2.498 min Scan# 30
Delta R.T. 0.010 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 13234
Ion Ratio Lower Upper
56 100
55 68.8 56.3 84.5

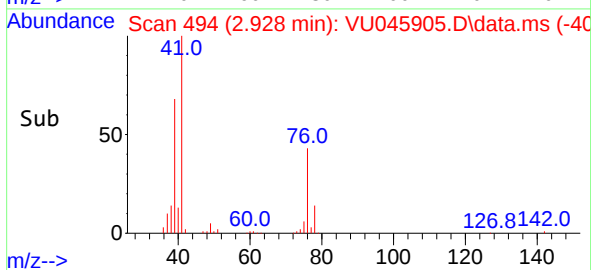
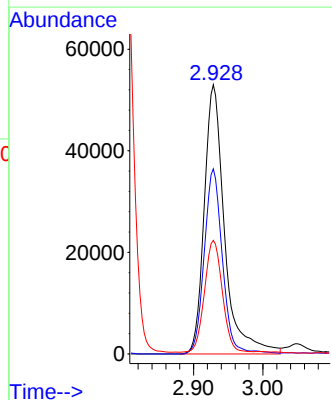
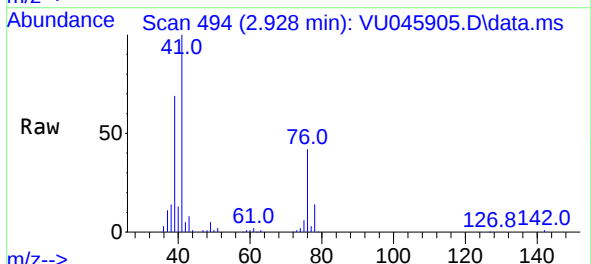
Manual Integrations
APPROVED

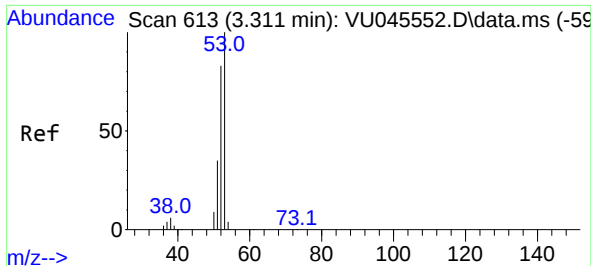
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#14
Allyl chloride
Concen: 47.510 ug/l
RT: 2.928 min Scan# 494
Delta R.T. 0.003 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

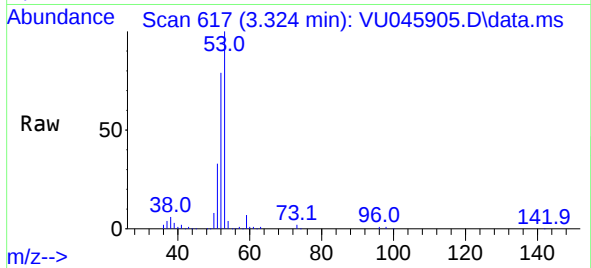
Tgt Ion: 41 Resp: 108236
Ion Ratio Lower Upper
41 100
39 60.5 49.7 74.5
76 36.4 27.7 41.5





#15
Acrylonitrile
Concen: 268.802 ug/l
RT: 3.324 min Scan# 61
Delta R.T. 0.013 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

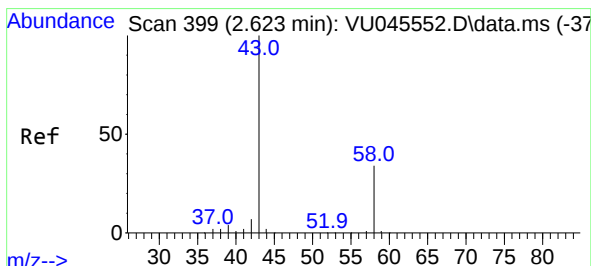
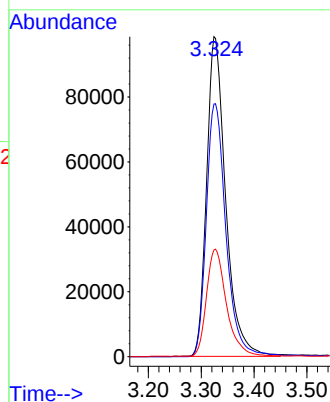
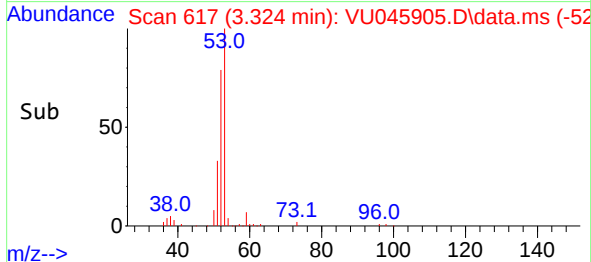
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 246711
Ion Ratio Lower Upper
53 100
52 81.7 66.6 100.0
51 35.2 28.4 42.6

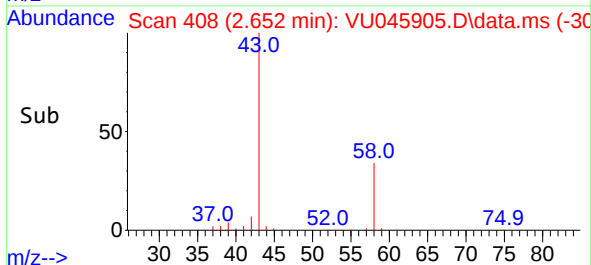
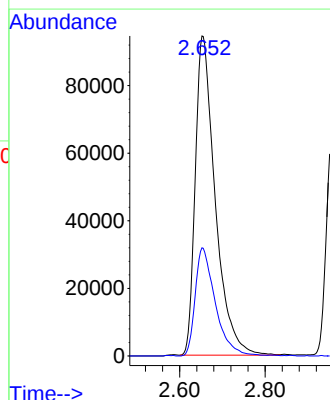
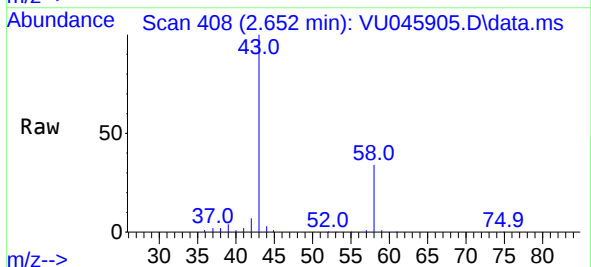
Manual Integrations
APPROVED

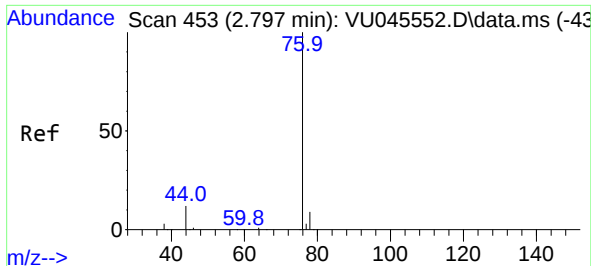
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#16
Acetone
Concen: 346.144 ug/l
RT: 2.652 min Scan# 408
Delta R.T. 0.029 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

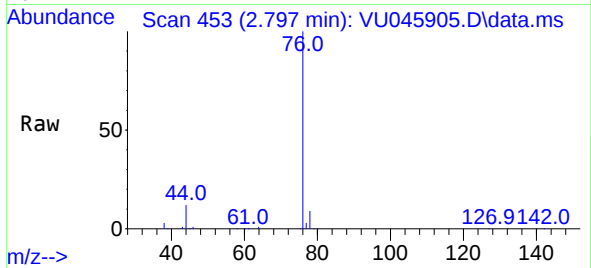
Tgt Ion: 43 Resp: 306031
Ion Ratio Lower Upper
43 100
58 33.9 26.2 39.2





#17
Carbon Disulfide
Concen: 49.940 ug/l
RT: 2.797 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

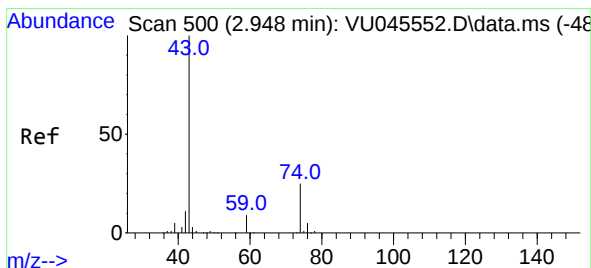
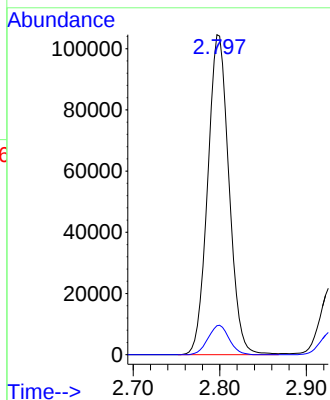
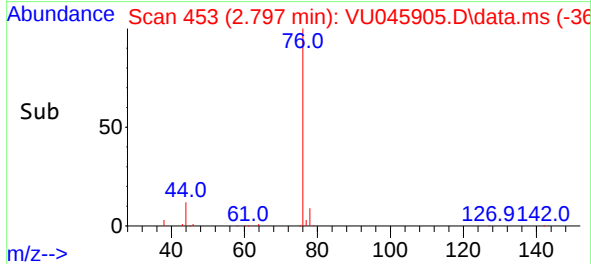
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



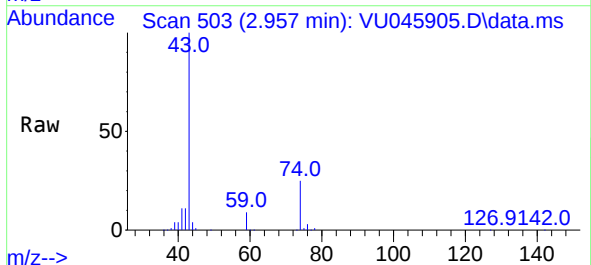
Tgt Ion: 76 Resp: 178474
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

Manual Integrations
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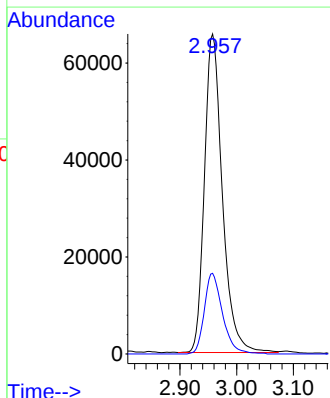
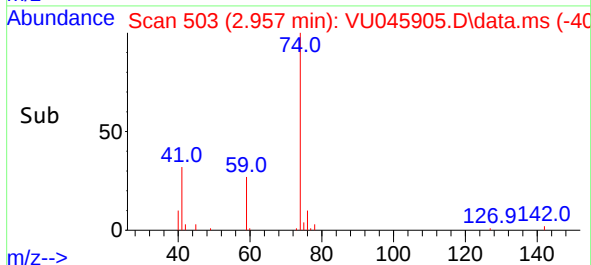
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

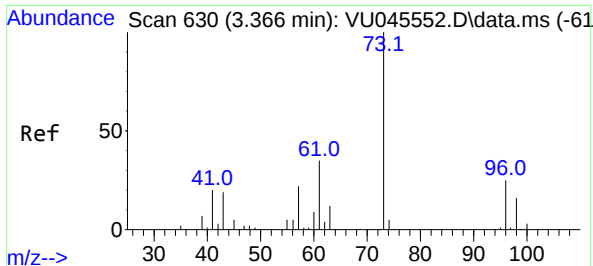


#18
Methyl Acetate
Concen: 48.029 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.010 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58



Tgt Ion: 43 Resp: 144630
Ion Ratio Lower Upper
43 100
74 25.6 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 50.009 ug/l

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU045905.D

Acq: 22 Nov 2021 10:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 229670

Ion Ratio Lower Upper

73 100

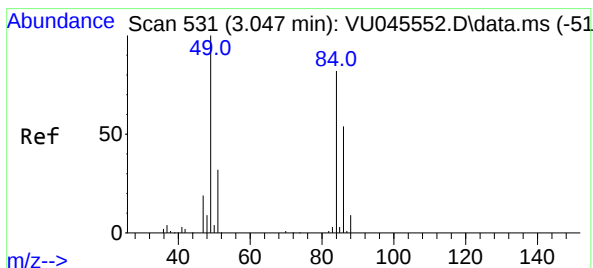
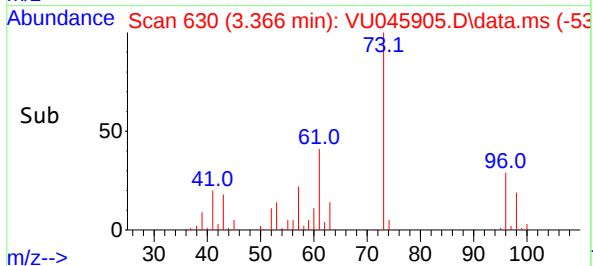
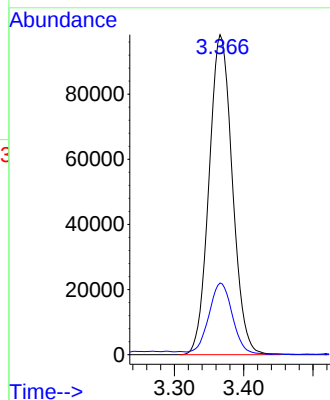
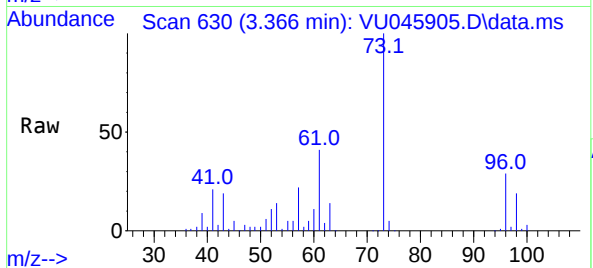
57 22.2 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#20

Methylene Chloride

Concen: 48.635 ug/l

RT: 3.051 min Scan# 532

Delta R.T. 0.003 min

Lab File: VU045905.D

Acq: 22 Nov 2021 10:58

Tgt Ion: 84 Resp: 74714

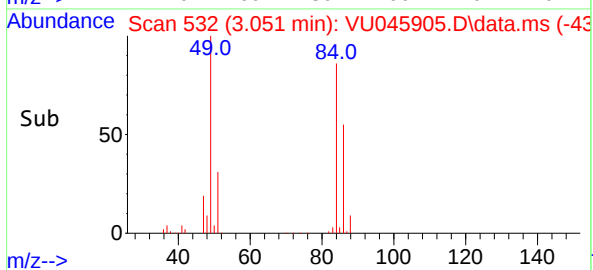
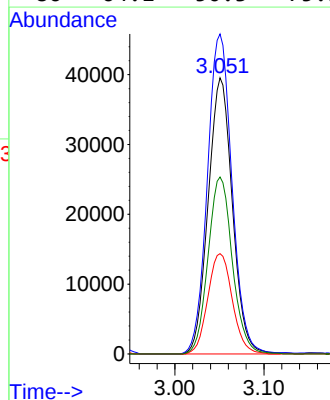
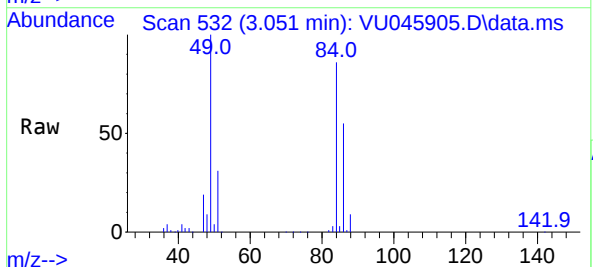
Ion Ratio Lower Upper

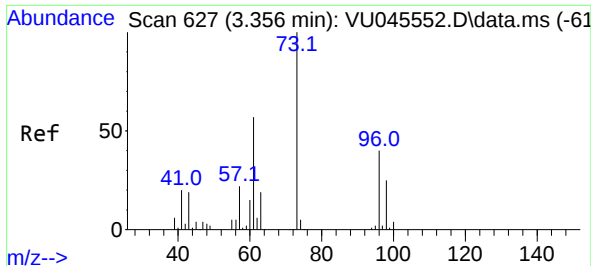
84 100

49 115.9 96.4 144.6

51 36.3 30.5 45.7

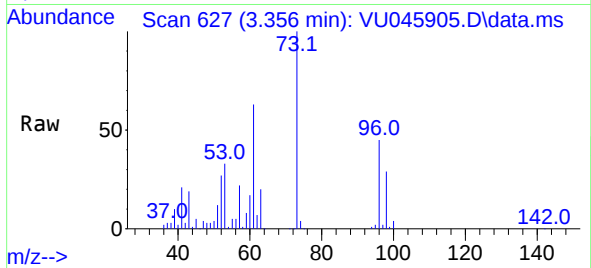
86 64.1 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 51.976 ug/l
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

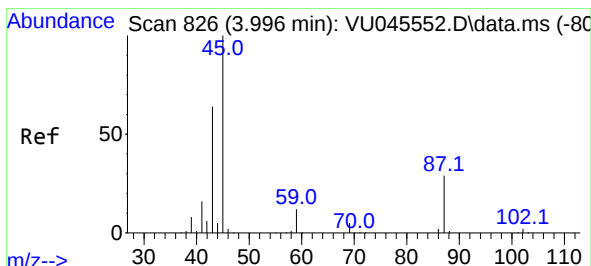
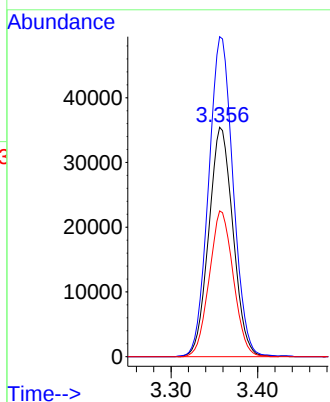
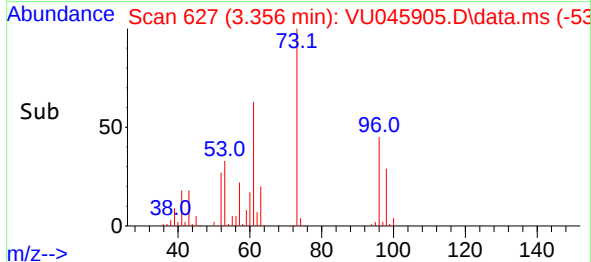
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



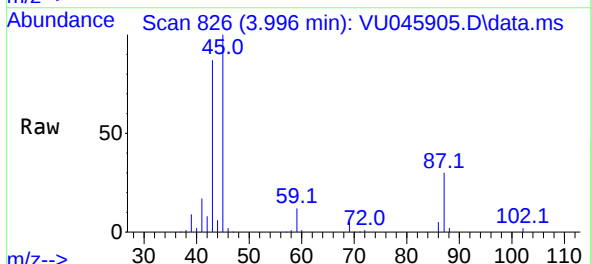
Tgt Ion: 96 Resp: 6899
Ion Ratio Lower Upper
96 100
61 139.1 118.2 177.4
98 63.6 52.1 78.1

Manual Integrations
APPROVED

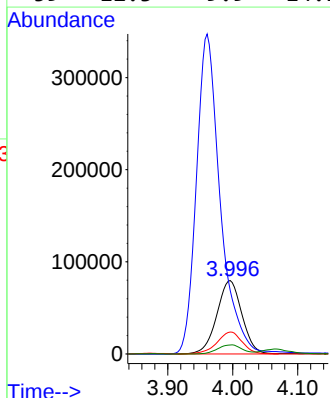
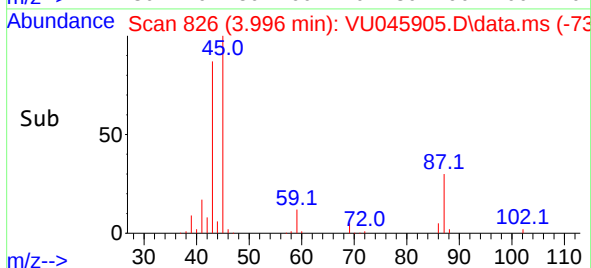
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

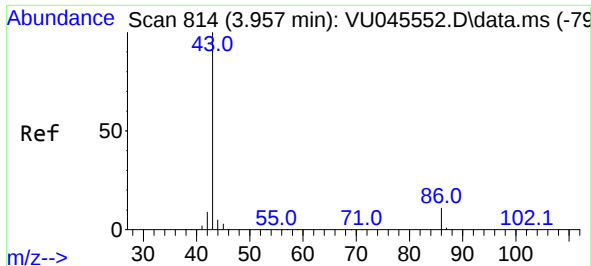


#22
Diisopropyl ether
Concen: 47.577 ug/l
RT: 3.996 min Scan# 826
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58



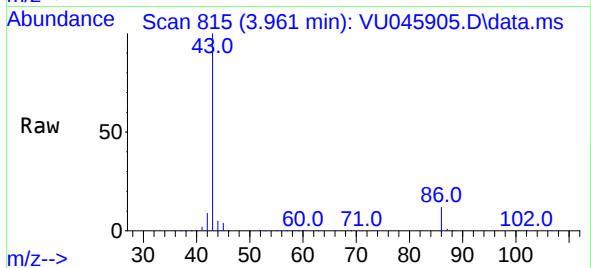
Tgt Ion: 45 Resp: 212826
Ion Ratio Lower Upper
45 100
43 83.7 60.0 90.0
87 29.9 22.3 33.5
59 12.3 9.9 14.9





#23
 Vinyl Acetate
 Concen: 259.603 ug/l
 RT: 3.961 min Scan# 814
 Delta R.T. 0.003 min
 Lab File: VU045905.D
 Acq: 22 Nov 2021 10:58

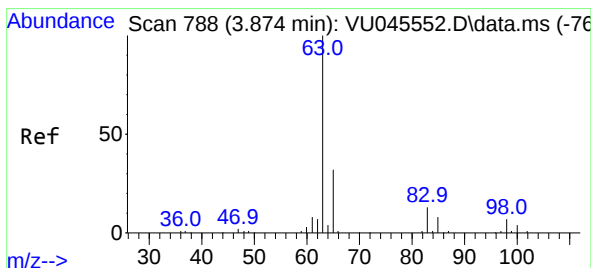
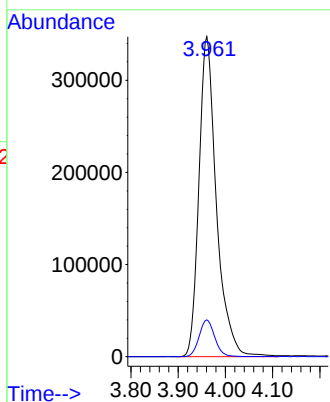
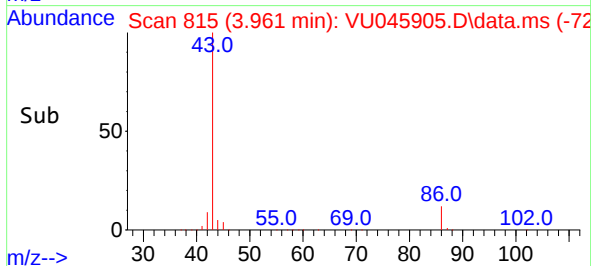
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050



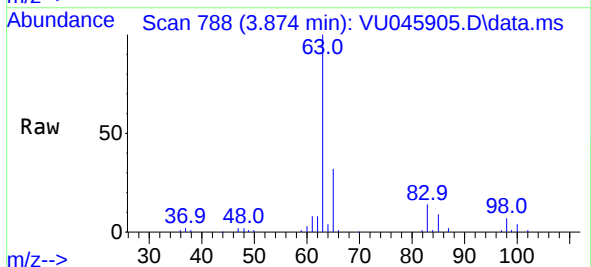
Tgt Ion: 43 Resp: 893140
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.9 13.3

Manual Integrations
 APPROVED

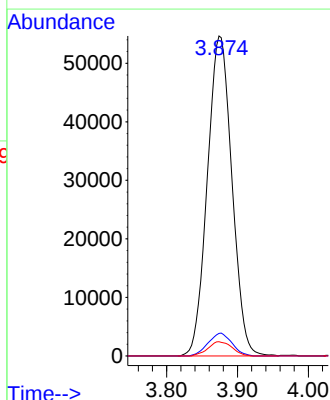
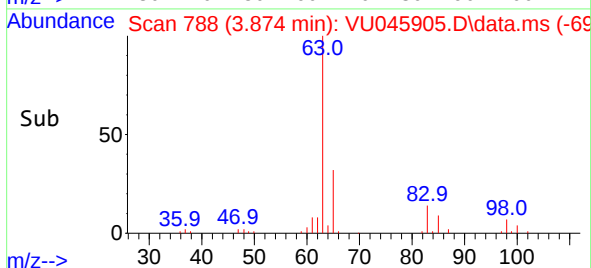
Reviewed By :John Carlone 11/23/2021
 Supervised By :Mahesh Dadoda 11/23/2021



#24
 1,1-Dichloroethane
 Concen: 49.380 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VU045905.D
 Acq: 22 Nov 2021 10:58



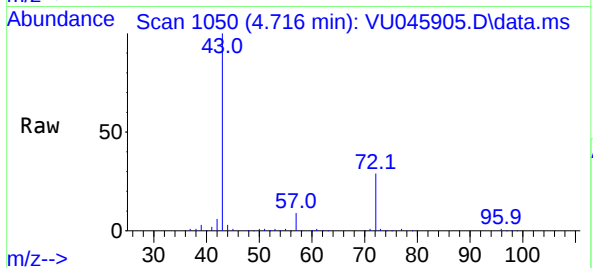
Tgt Ion: 63 Resp: 131630
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 4.4 2.4 7.2





#25
2-Butanone
Concen: 293.109 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.016 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

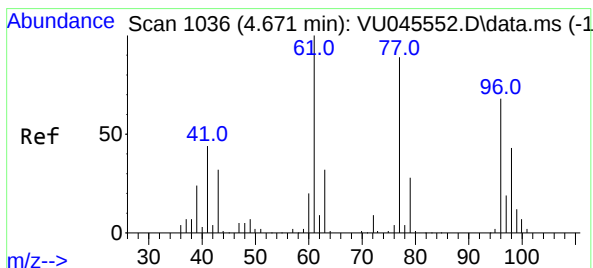
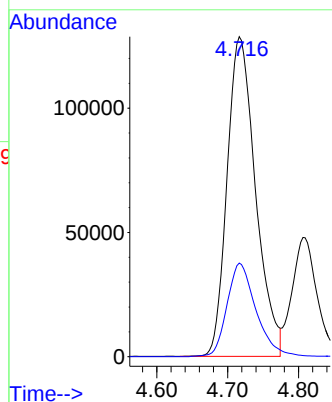
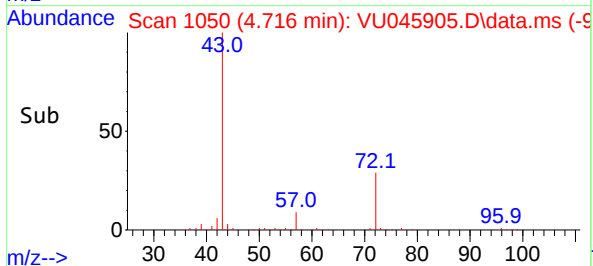
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



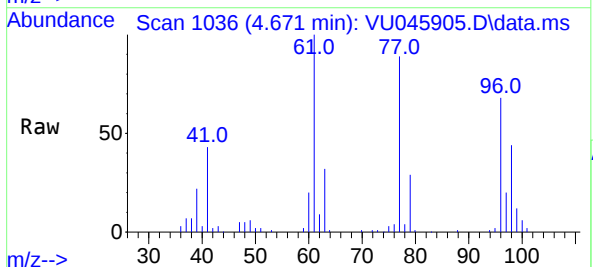
Tgt Ion: 43 Resp: 359420
Ion Ratio Lower Upper
43 100
72 29.3 22.0 33.0

Manual Integrations
APPROVED

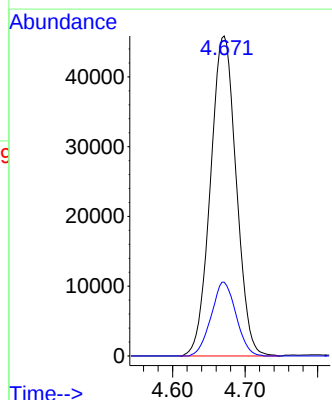
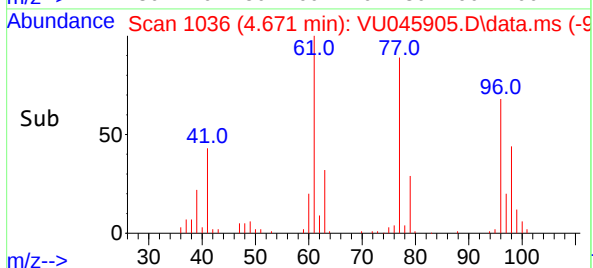
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

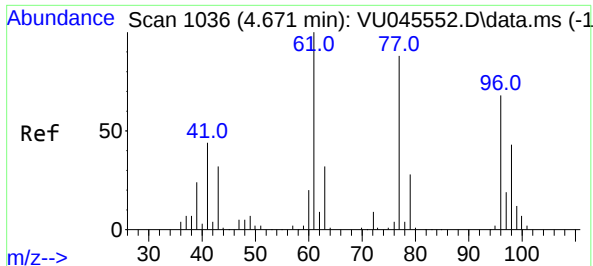


#26
2,2-Dichloropropane
Concen: 51.212 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58



Tgt Ion: 77 Resp: 113121
Ion Ratio Lower Upper
77 100
97 22.3 11.4 34.1





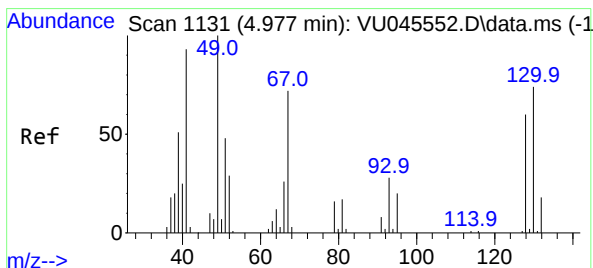
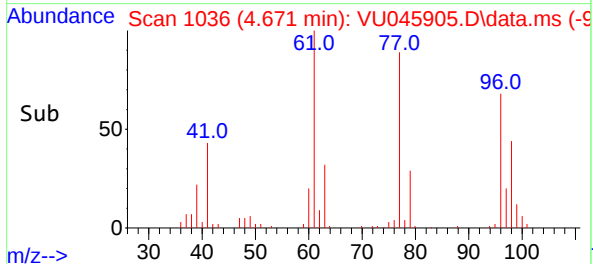
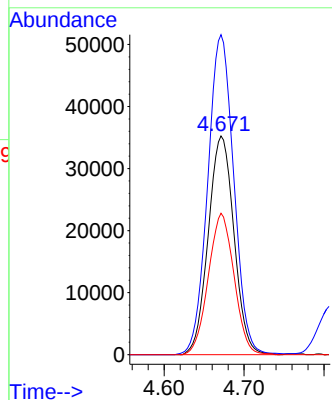
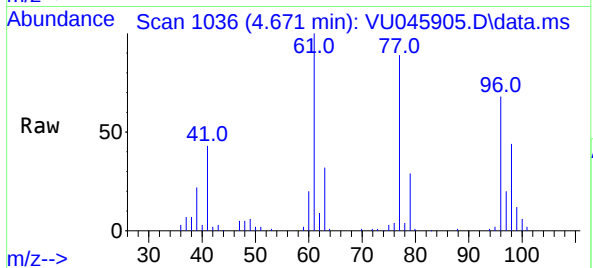
cis-1,2-Dichloroethene
Concen: 50.547 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 78804
Ion Ratio Lower Upper
96 100
61 147.9 0.0 299.2
98 64.6 0.0 127.6

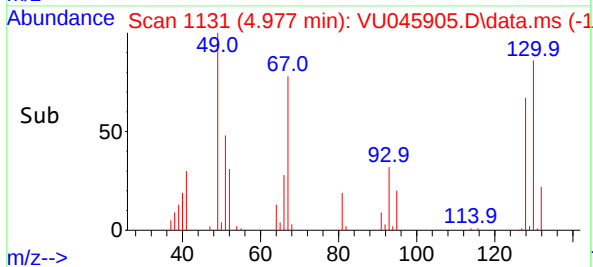
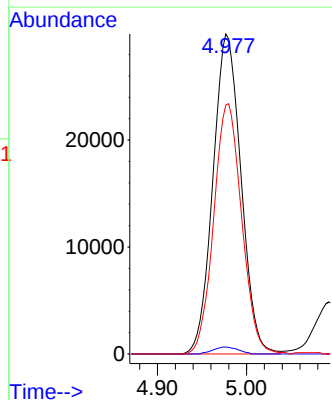
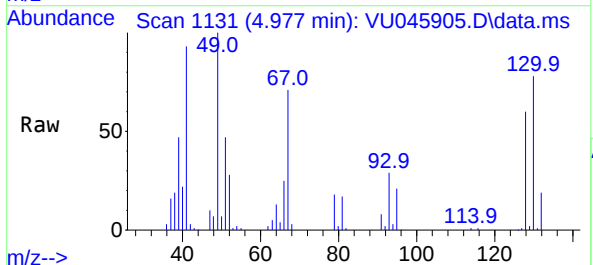
Manual Integrations
APPROVED

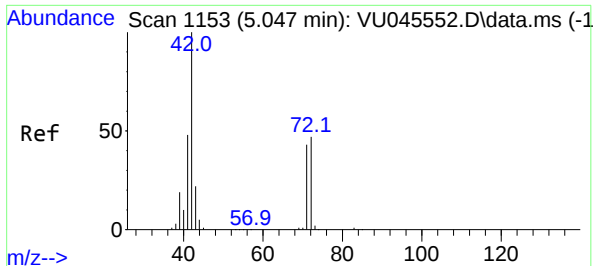
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



Bromochloromethane
Concen: 51.471 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

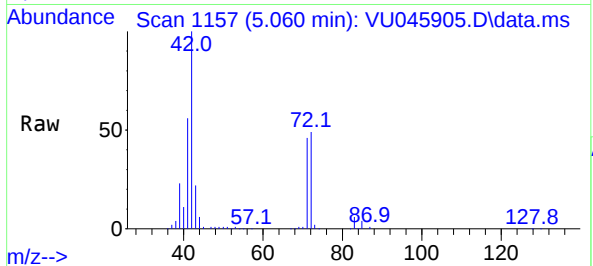
Tgt Ion: 49 Resp: 65411
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.4
130 77.9 57.5 86.3





#29
Tetrahydrofuran
Concen: 256.789 ug/l
RT: 5.060 min Scan# 1153
Delta R.T. 0.013 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

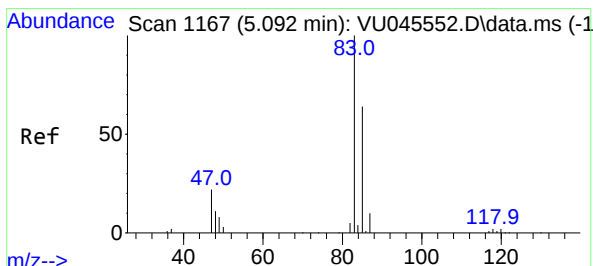
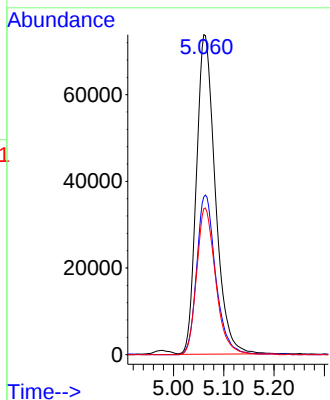
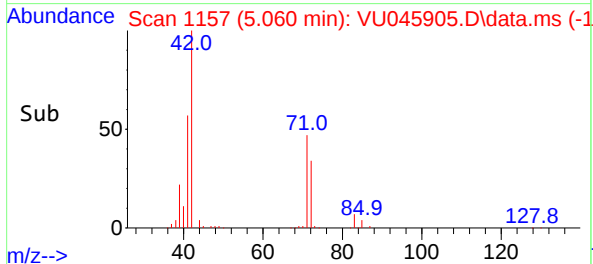
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



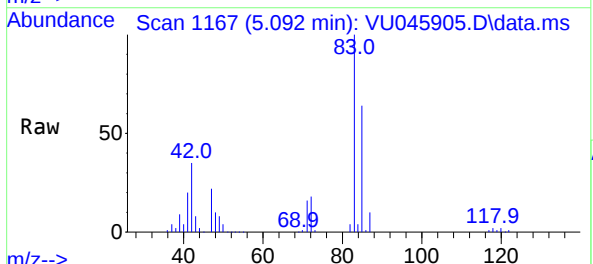
Tgt Ion: 42 Resp: 192609
Ion Ratio Lower Upper
42 100
72 50.3 38.2 57.4
71 46.1 35.4 53.2

Manual Integrations
APPROVED

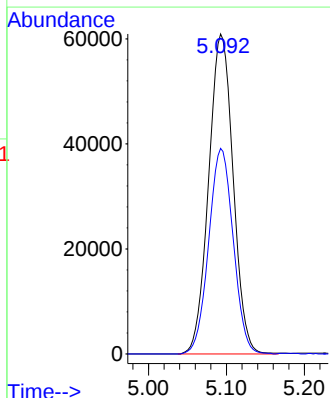
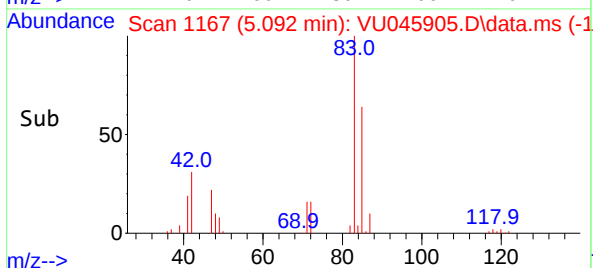
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

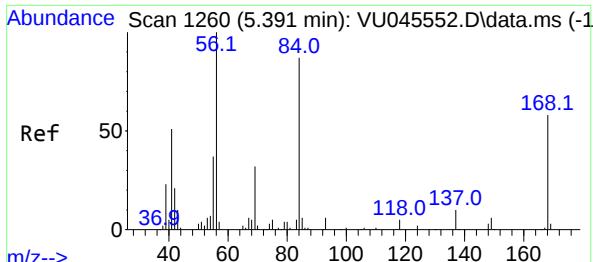


#30
Chloroform
Concen: 50.359 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58



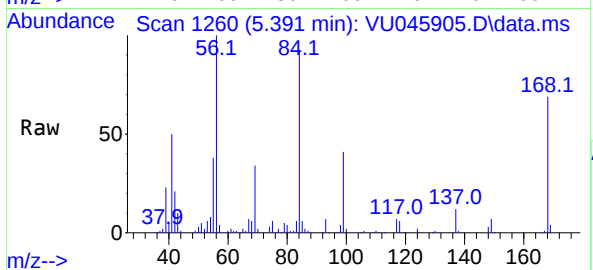
Tgt Ion: 83 Resp: 132763
Ion Ratio Lower Upper
83 100
85 64.3 52.0 78.0





#31
Cyclohexane
Concen: 44.928 ug/l
RT: 5.391 min Scan# 113854
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

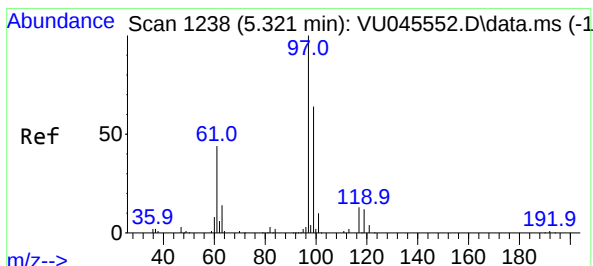
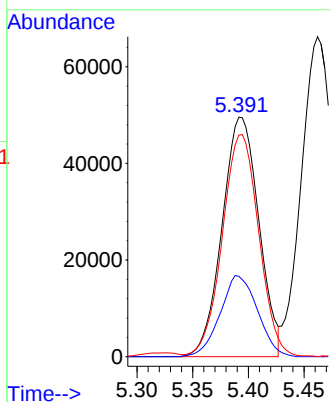
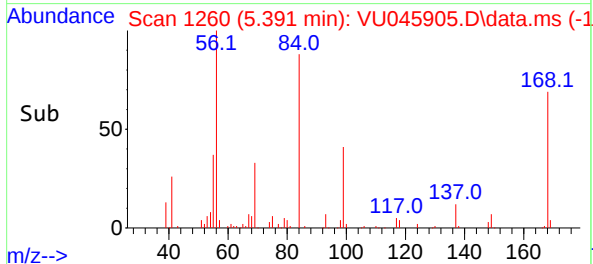
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



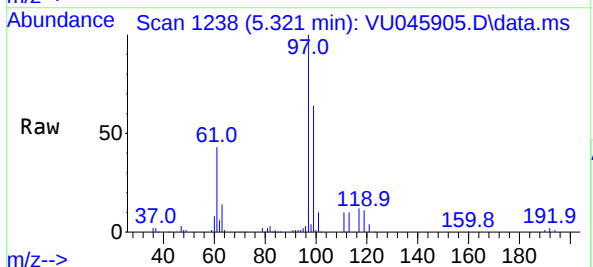
Tgt Ion: 56 Resp: 113854
Ion Ratio Lower Upper
56 100
69 33.5 26.4 39.6
84 91.4 68.4 102.6

Manual Integrations
APPROVED

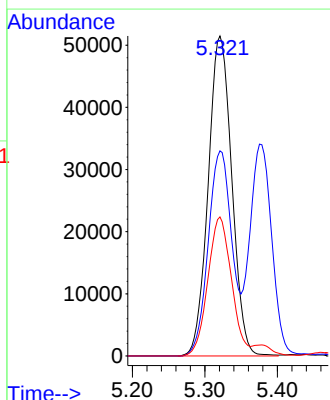
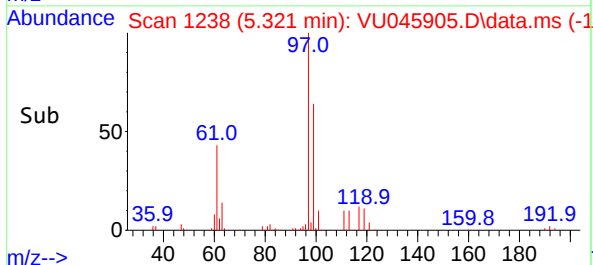
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

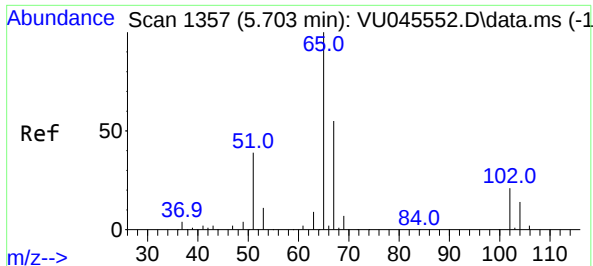


#32
1,1,1-Trichloroethane
Concen: 51.878 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58



Tgt Ion: 97 Resp: 116631
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 43.4 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 50.405 ug/l

RT: 5.706 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045905.D

Acq: 22 Nov 2021 10:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8754

Ion Ratio Lower Upper

65 100

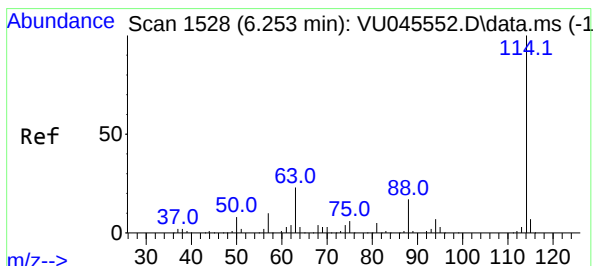
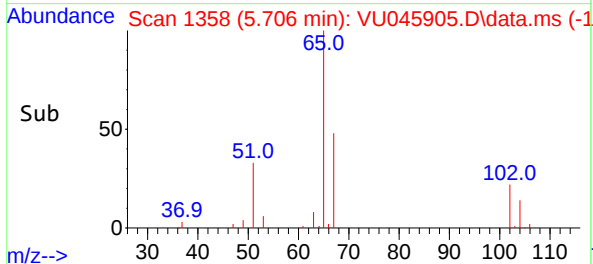
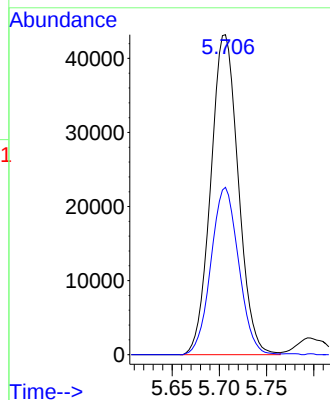
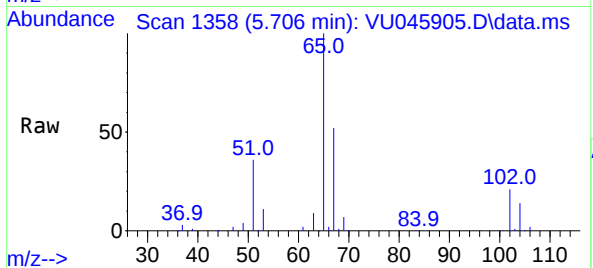
67 52.6 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045905.D

Acq: 22 Nov 2021 10:58

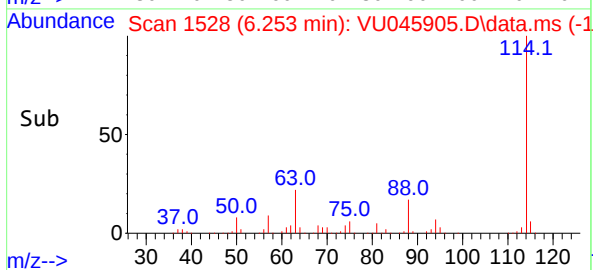
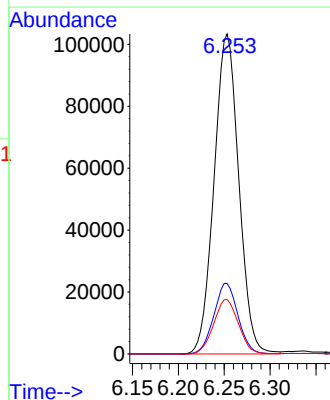
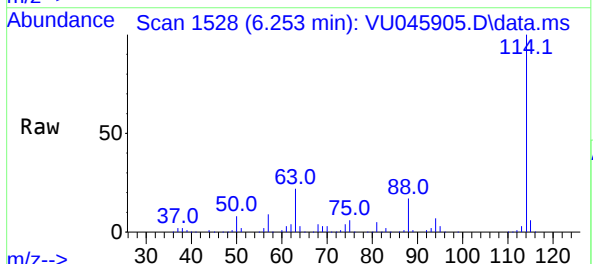
Tgt Ion:114 Resp: 193645

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.6

88 17.0 0.0 33.8





#35

Dibromofluoromethane

Concen: 52.370 ug/l

RT: 5.295 min Scan# 111

Delta R.T. 0.003 min

Lab File: VU045905.D

Acq: 22 Nov 2021 10:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 6770

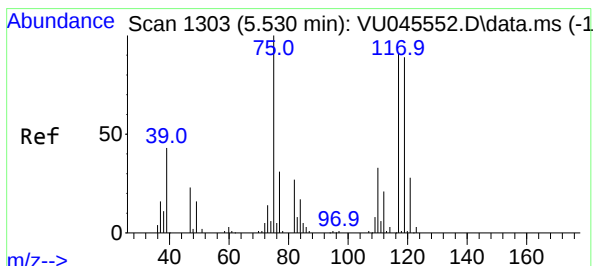
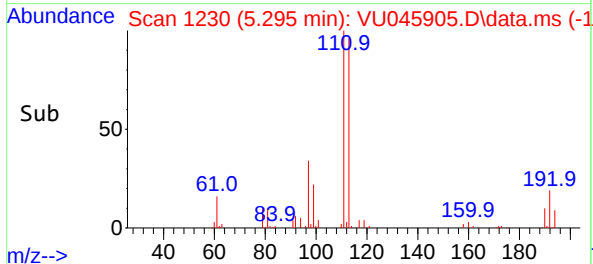
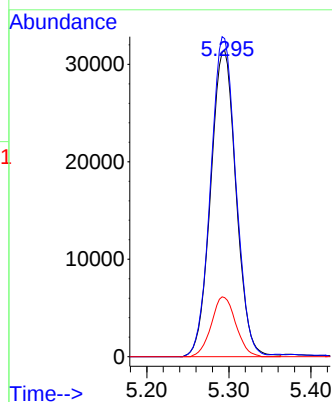
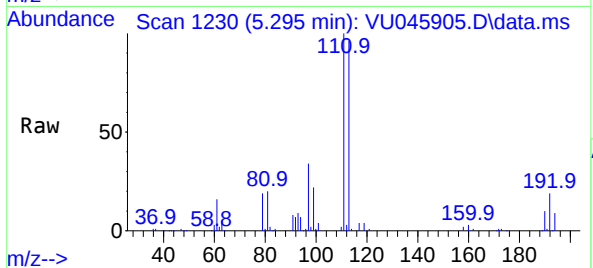
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.8	124.2
192	18.8	14.8	22.2

Manual Integrations

APPROVED

Reviewed By : John Carlone 11/23/2021

Supervised By : Mahesh Dadoda 11/23/2021



#36

1,1-Dichloropropene

Concen: 52.667 ug/l

RT: 5.530 min Scan# 1303

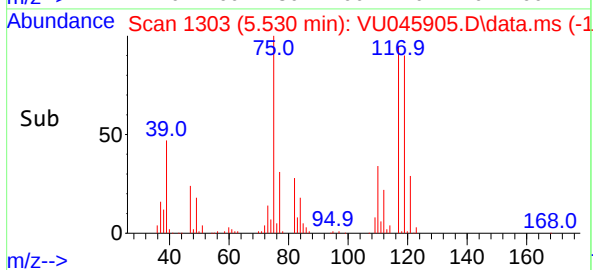
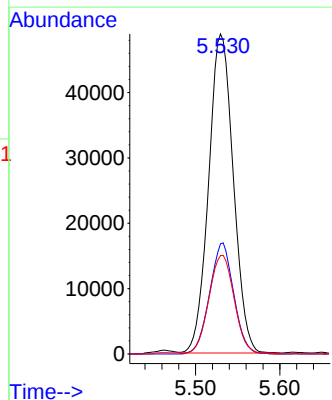
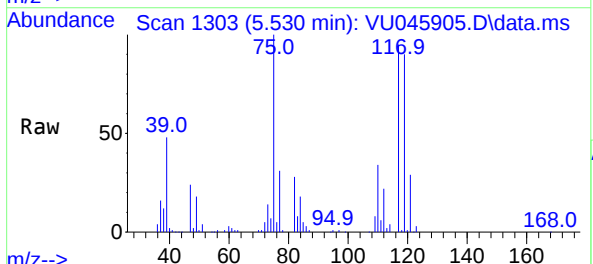
Delta R.T. 0.000 min

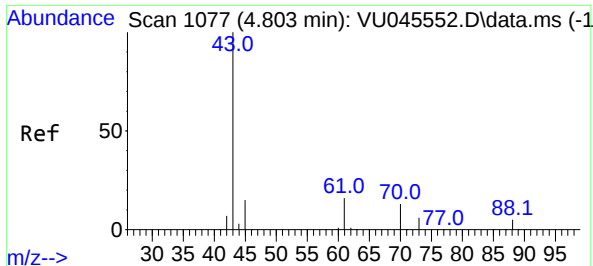
Lab File: VU045905.D

Acq: 22 Nov 2021 10:58

Tgt Ion: 75 Resp: 99444

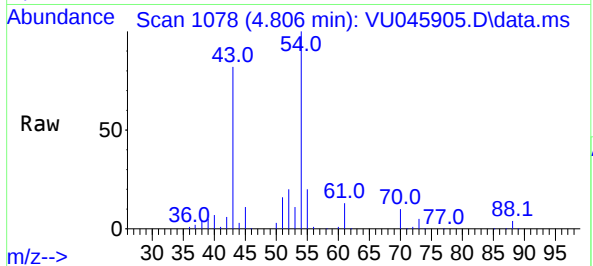
Ion	Ratio	Lower	Upper
75	100		
110	34.0	16.7	50.0
77	31.0	25.0	37.4





#37
Ethyl Acetate
Concen: 52.844 ug/l
RT: 4.806 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

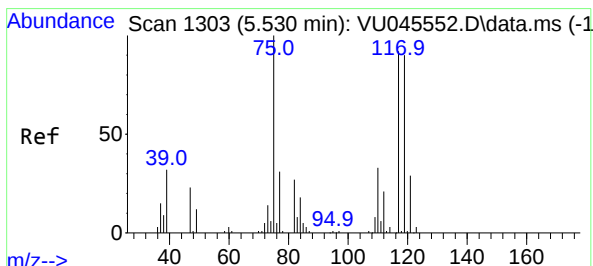
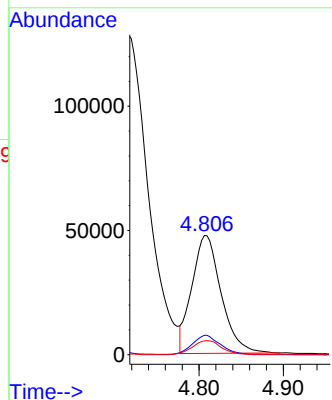
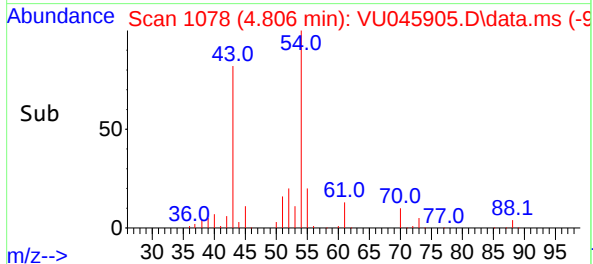
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 114618
Ion Ratio Lower Upper
43 100
61 15.1 11.6 17.4
70 11.7 9.1 13.7

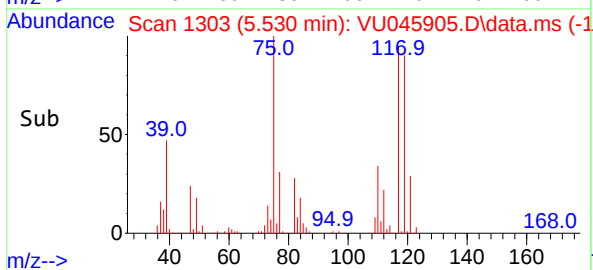
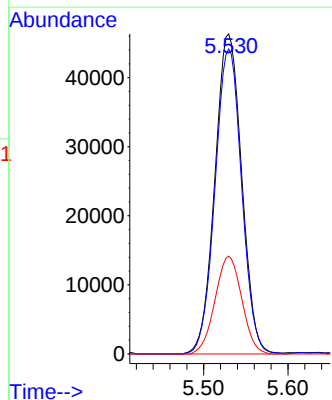
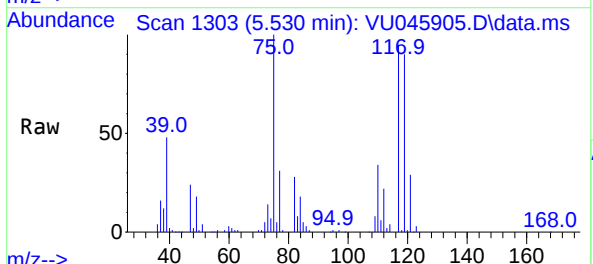
Manual Integrations
APPROVED

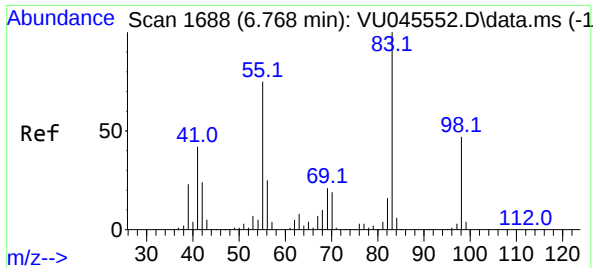
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#38
Carbon Tetrachloride
Concen: 53.736 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Tgt Ion:117 Resp: 102292
Ion Ratio Lower Upper
117 100
119 95.3 77.4 116.0
121 30.5 24.8 37.2





#39

Methylcyclohexane

Concen: 51.569 ug/l

RT: 6.768 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045905.D

Acq: 22 Nov 2021 10:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 11945

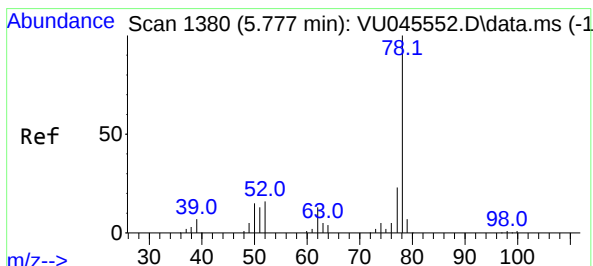
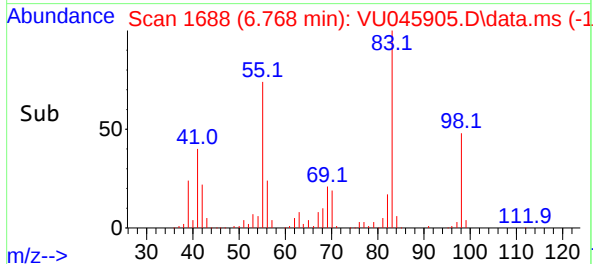
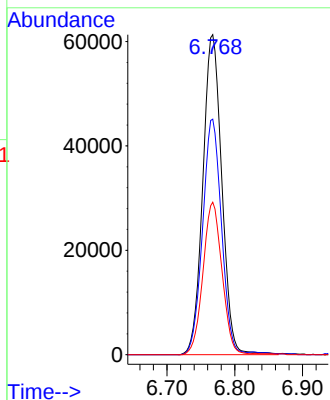
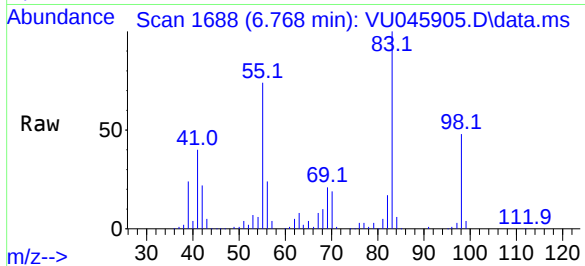
Ion	Ratio	Lower	Upper
83	100		
55	73.6	63.6	95.4
98	47.6	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#40

Benzene

Concen: 50.791 ug/l

RT: 5.777 min Scan# 1380

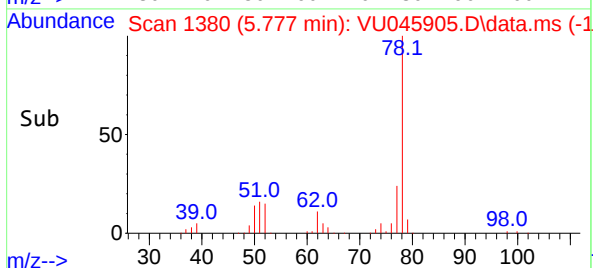
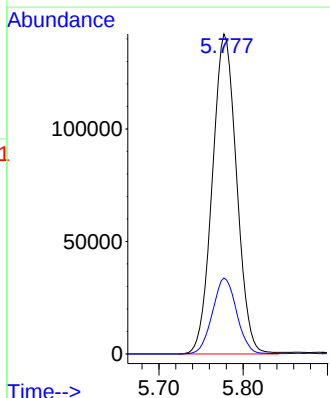
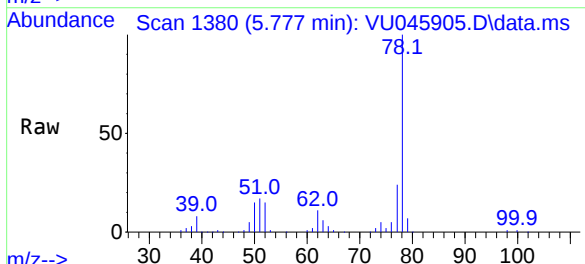
Delta R.T. 0.000 min

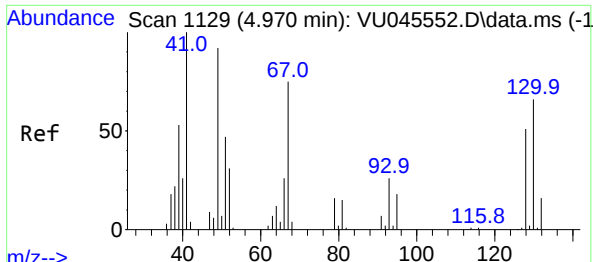
Lab File: VU045905.D

Acq: 22 Nov 2021 10:58

Tgt Ion: 78 Resp: 283933

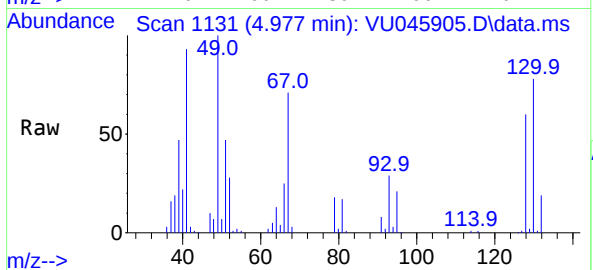
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.4





#41
Methacrylonitrile
Concen: 53.545 ug/l
RT: 4.977 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

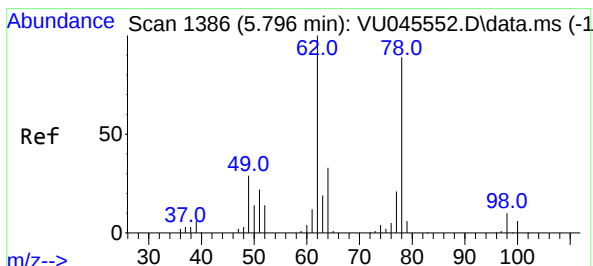
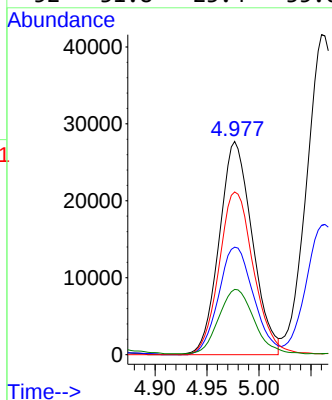
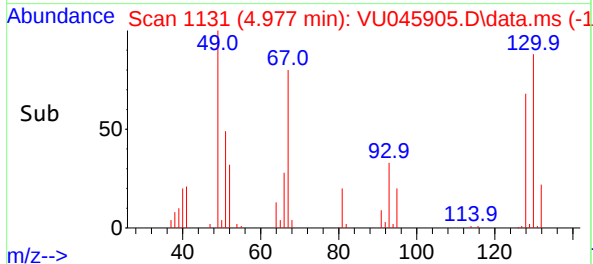
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



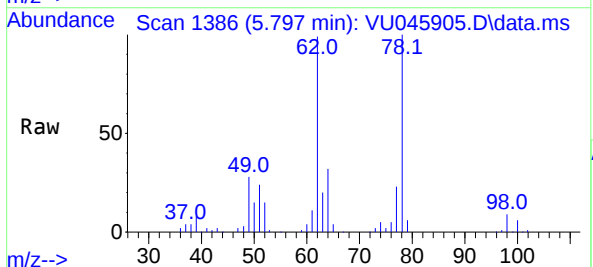
Tgt Ion: 41 Resp: 61375
Ion Ratio Lower Upper
41 100
39 53.7 43.4 65.0
67 80.1 61.0 91.4
52 31.8 23.4 35.0

Manual Integrations
APPROVED

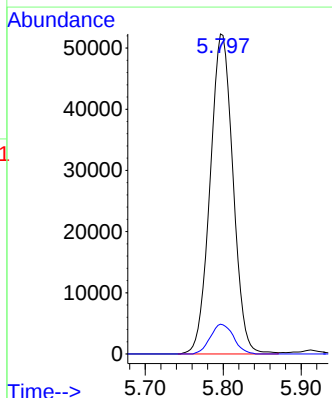
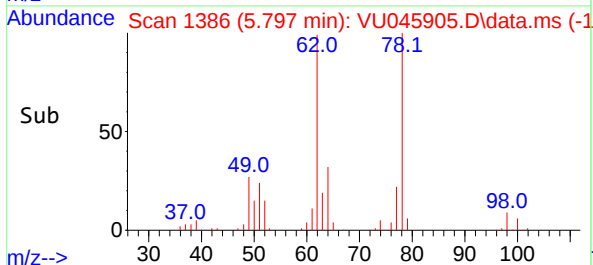
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

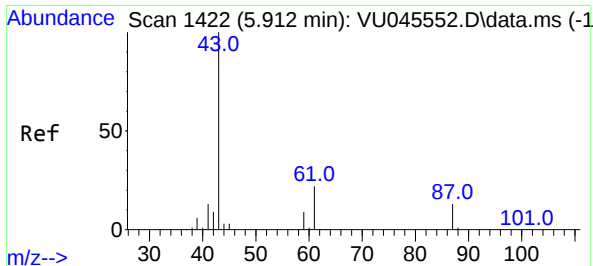


#42
1,2-Dichloroethane
Concen: 52.957 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58



Tgt Ion: 62 Resp: 106933
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4





#43
Isopropyl Acetate
Concen: 49.476 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Instrument :

MSVOA_U

ClientSampleId :

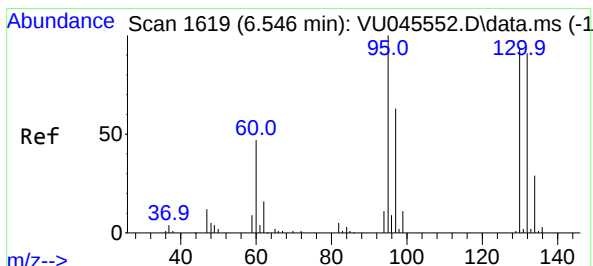
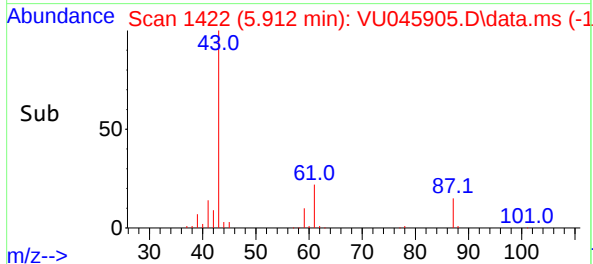
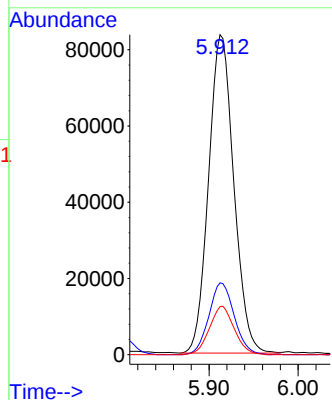
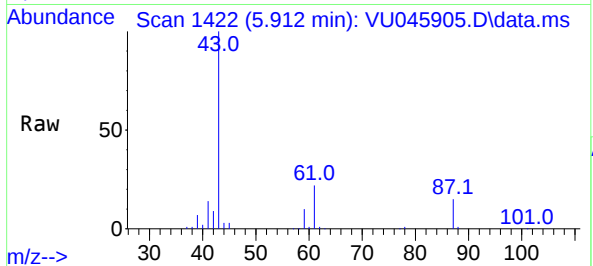
VSTDCCC050

Tgt Ion: 43 Resp: 164140
Ion Ratio Lower Upper
43 100
61 22.7 16.9 25.3
87 15.0 11.0 16.4

Manual Integrations

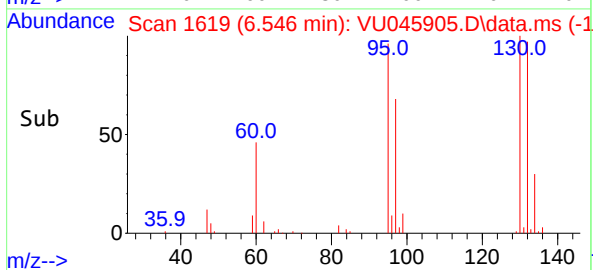
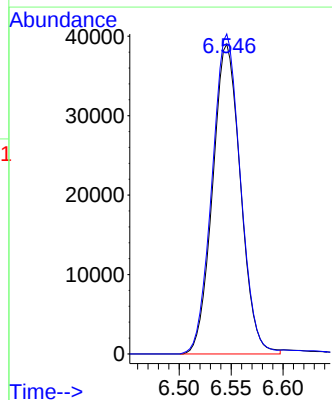
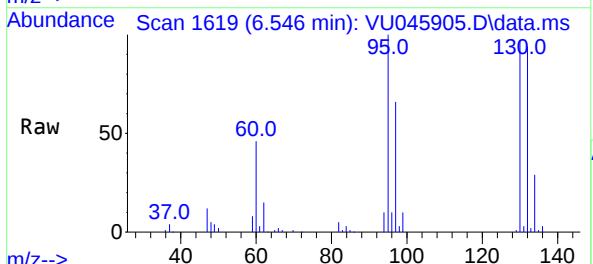
APPROVED

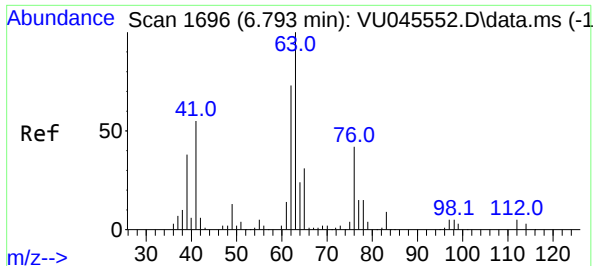
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#44
Trichloroethene
Concen: 54.469 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Tgt Ion:130 Resp: 72886
Ion Ratio Lower Upper
130 100
95 103.2 0.0 211.4





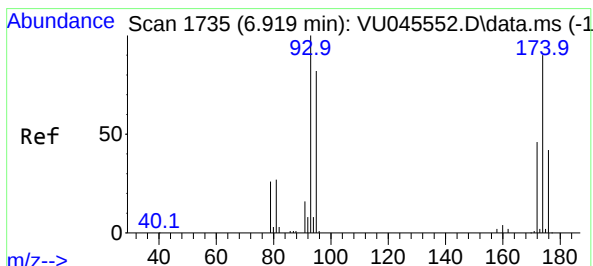
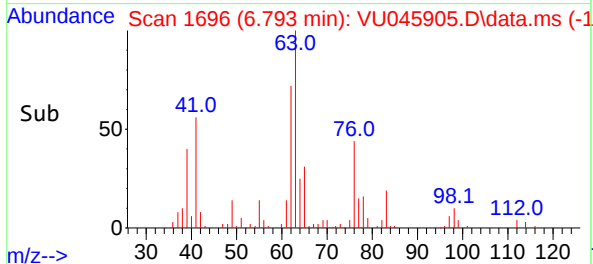
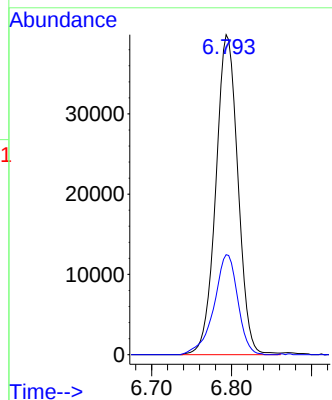
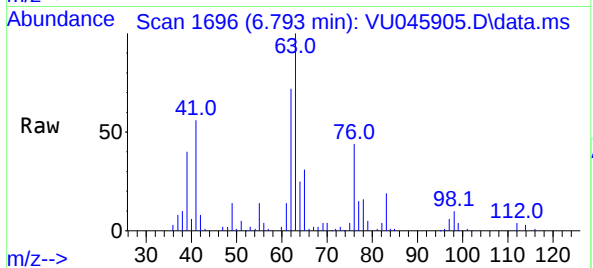
#45
1,2-Dichloropropane
Concen: 51.656 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 76409
Ion Ratio Lower Upper
63 100
65 31.2 25.7 38.5

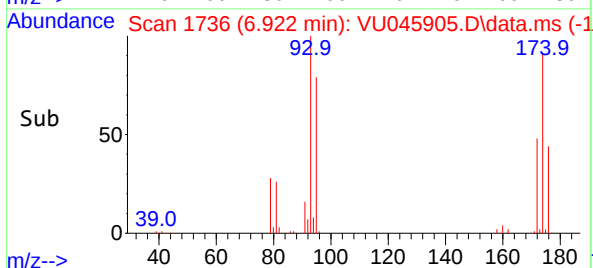
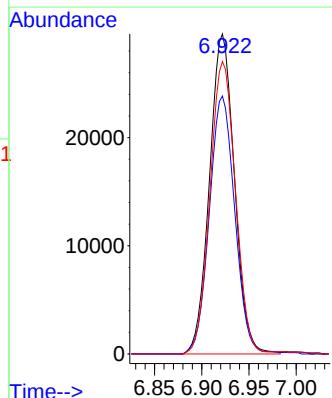
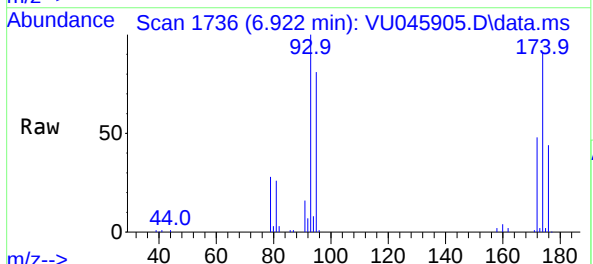
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#46
Dibromomethane
Concen: 53.026 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.003 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

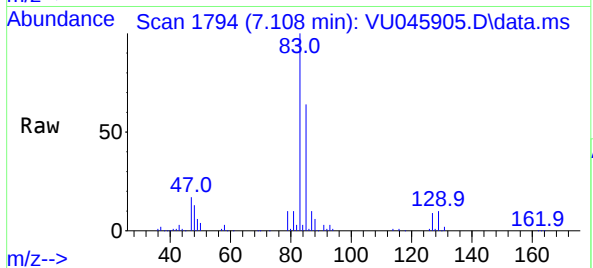
Tgt Ion: 93 Resp: 54347
Ion Ratio Lower Upper
93 100
95 82.4 66.2 99.2
174 93.0 71.0 106.6





#47
Bromodichloromethane
Concen: 54.299 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

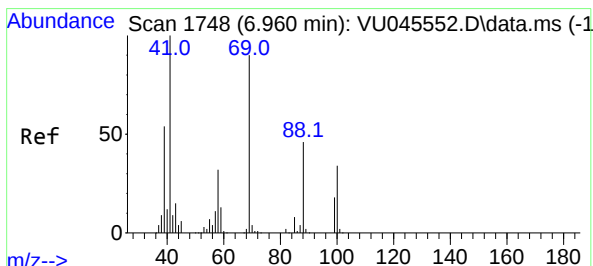
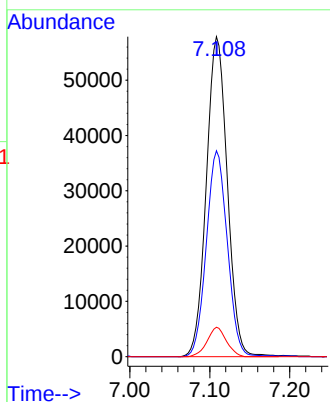
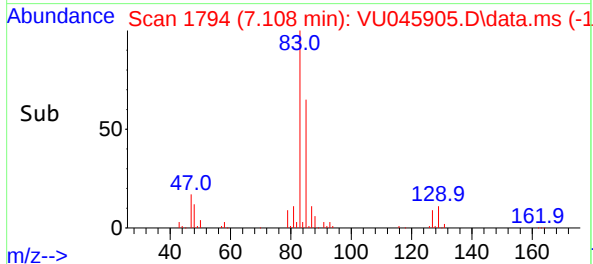
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



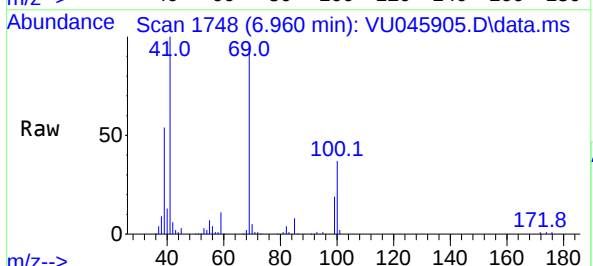
Tgt Ion: 83 Resp: 10559
Ion Ratio Lower Upper
83 100
85 64.3 49.8 74.6
127 9.2 6.2 9.2

Manual Integrations
APPROVED

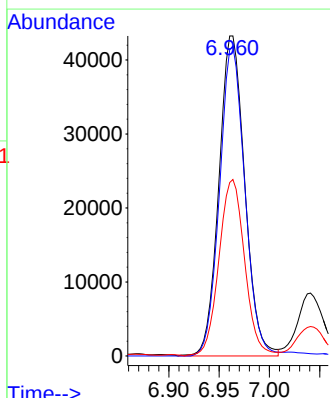
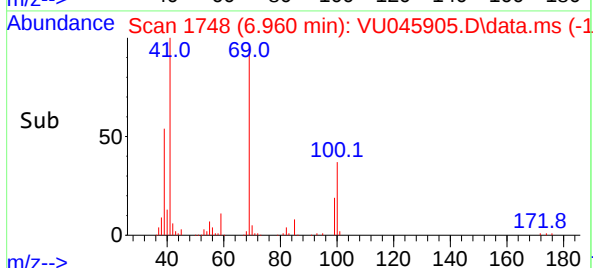
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

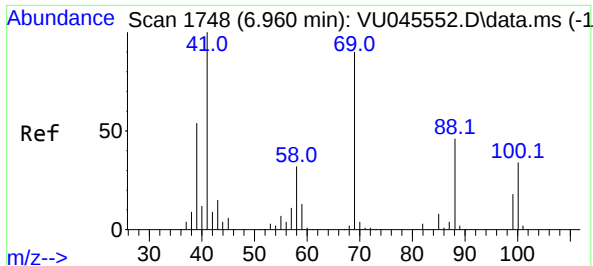


#48
Methyl methacrylate
Concen: 50.646 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58



Tgt Ion: 41 Resp: 77335
Ion Ratio Lower Upper
41 100
69 94.4 70.2 105.2
39 54.9 43.9 65.9





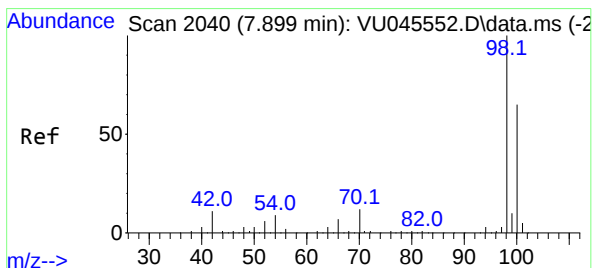
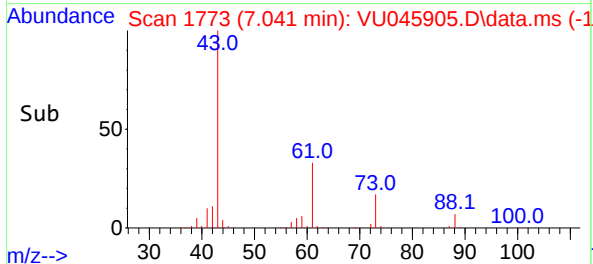
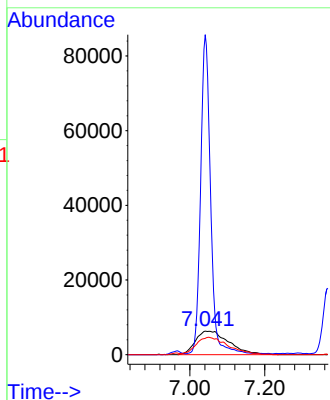
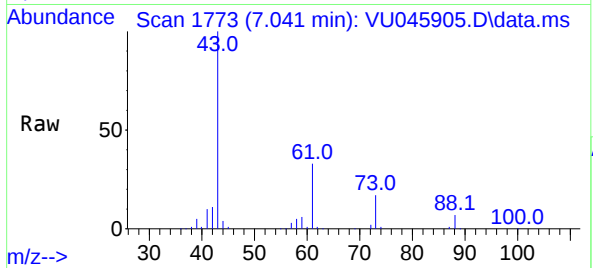
#49
1,4-Dioxane
Concen: 998.055 ug/l m
RT: 7.041 min Scan# 1748
Delta R.T. 0.080 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 39192
Ion Ratio Lower Upper
88 100
43 398.6 0.0 0.0
58 64.5 58.7 88.1

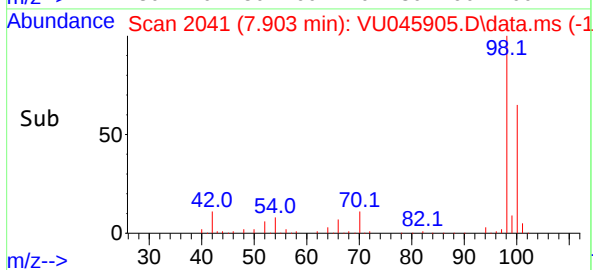
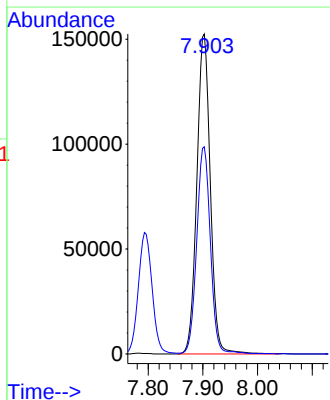
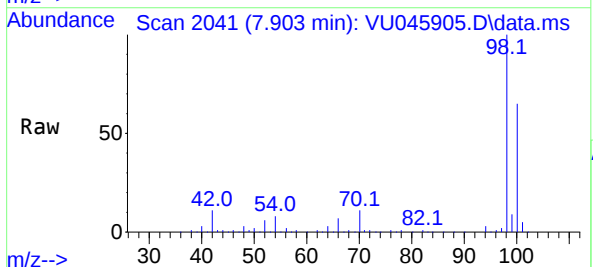
Manual Integrations
APPROVED

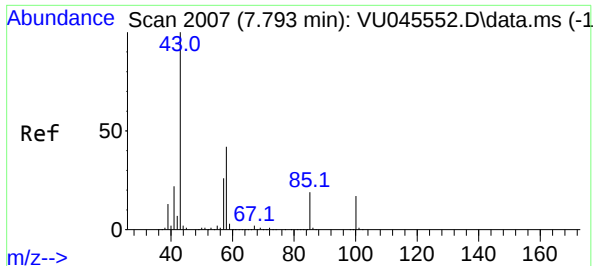
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#50
Toluene-d8
Concen: 54.259 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.003 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Tgt Ion: 98 Resp: 260851
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7





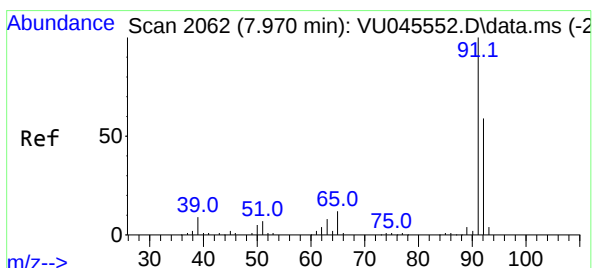
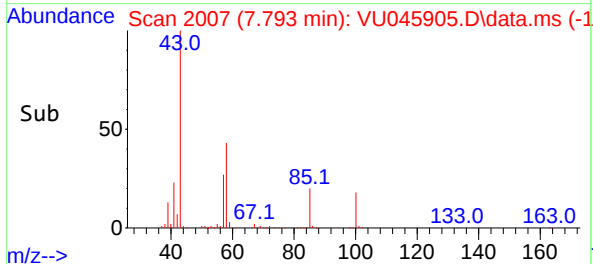
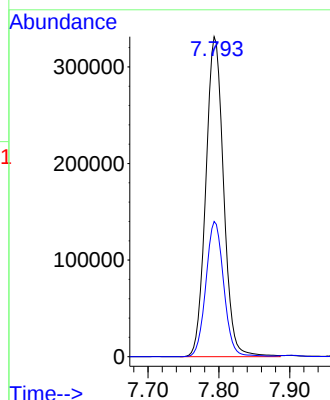
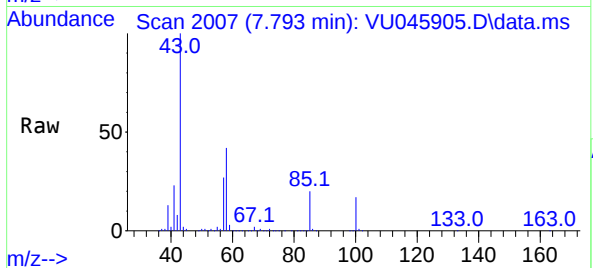
#51
4-Methyl-2-Pentanone
Concen: 264.254 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 578304
Ion Ratio Lower Upper
43 100
58 42.3 33.8 50.8

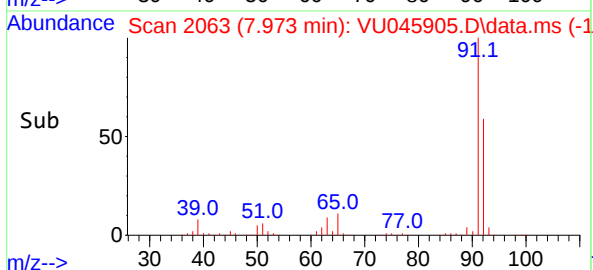
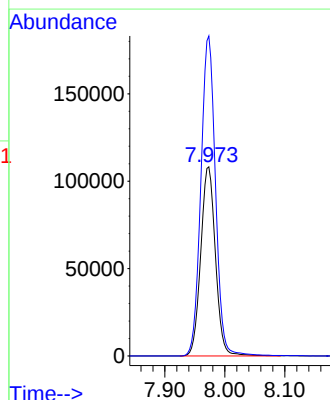
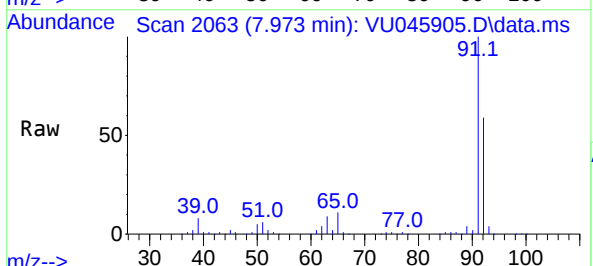
Manual Integrations
APPROVED

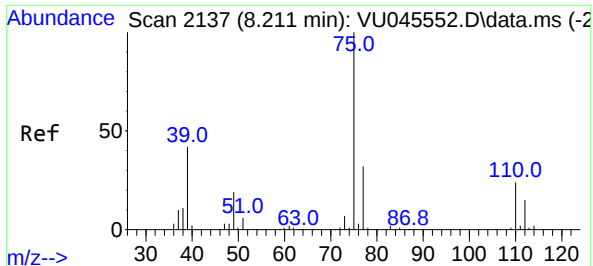
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#52
Toluene
Concen: 54.075 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.003 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Tgt Ion: 92 Resp: 185072
Ion Ratio Lower Upper
92 100
91 168.3 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 53.883 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU045905.D

Acq: 22 Nov 2021 10:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 12042

Ion Ratio Lower Upper

75 100

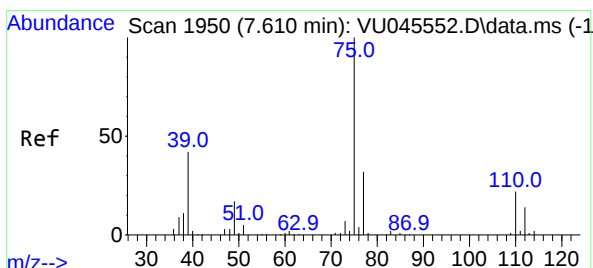
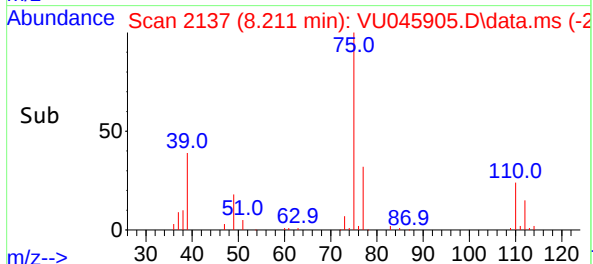
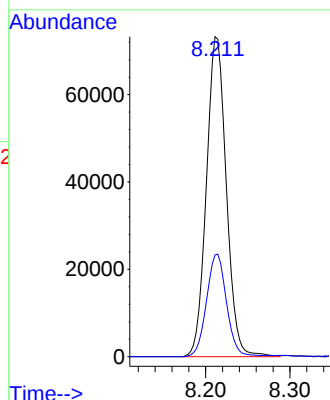
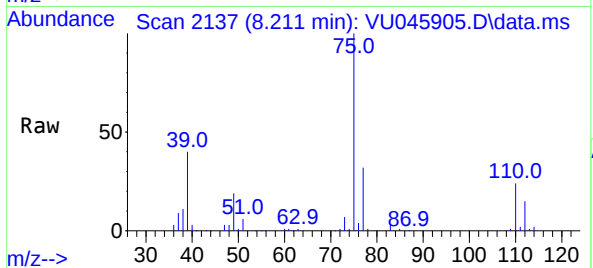
77 31.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#54

cis-1,3-Dichloropropene

Concen: 54.315 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045905.D

Acq: 22 Nov 2021 10:58

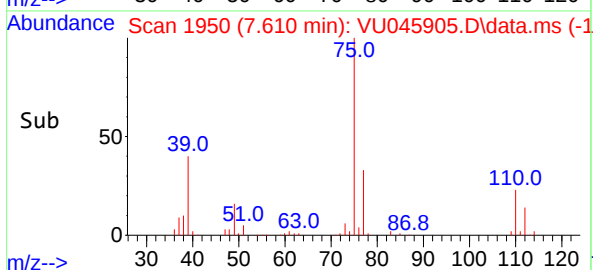
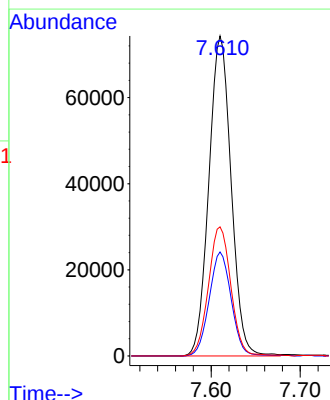
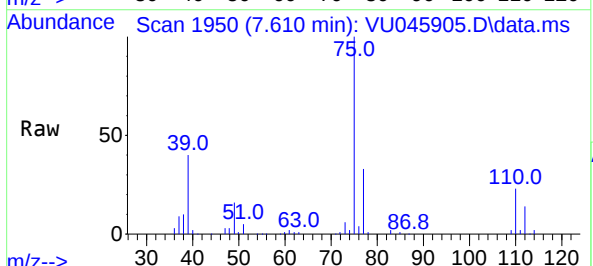
Tgt Ion: 75 Resp: 128937

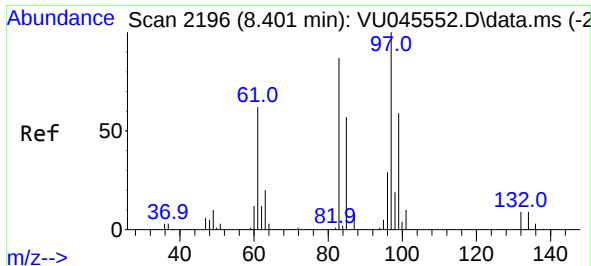
Ion Ratio Lower Upper

75 100

77 32.5 24.6 37.0

39 40.3 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 53.265 ug/l
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

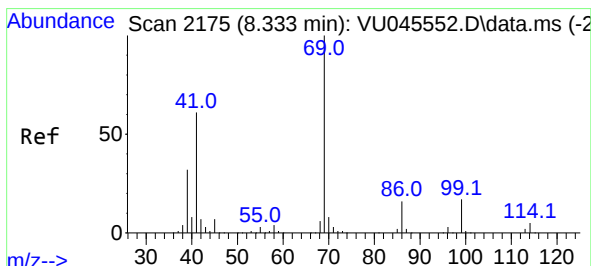
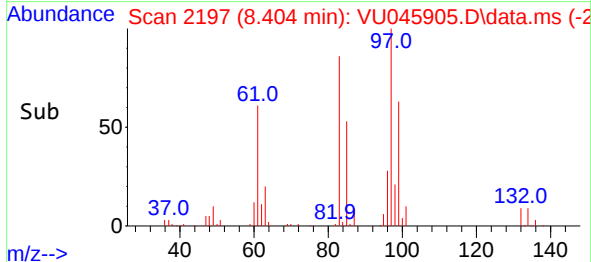
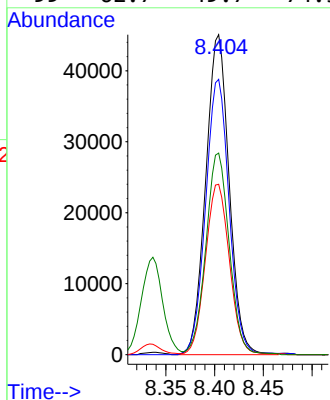
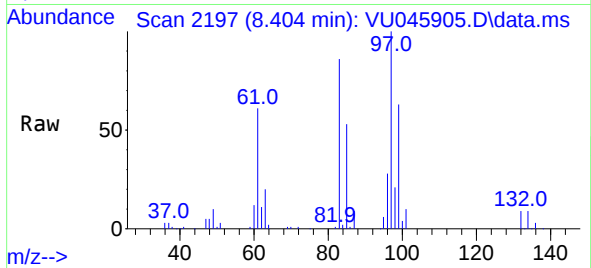
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 75554

Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.3	105.5
85	52.9	45.5	68.3
99	62.7	49.7	74.5

Manual Integrations
APPROVED

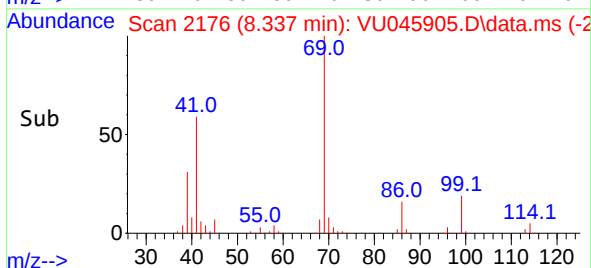
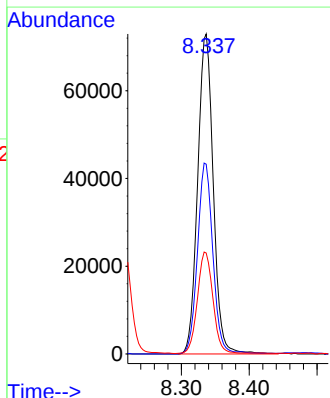
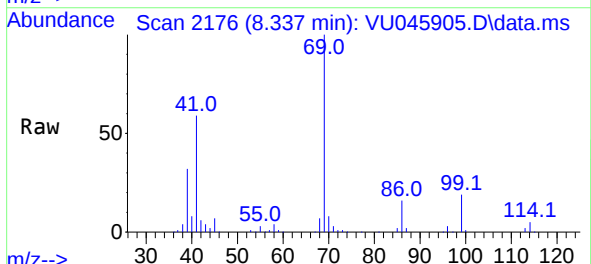
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

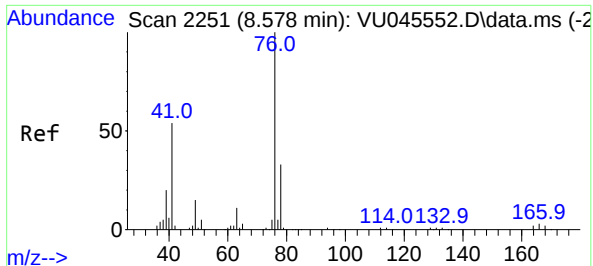


#56
Ethyl methacrylate
Concen: 46.026 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. 0.004 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Tgt Ion: 69 Resp: 116583

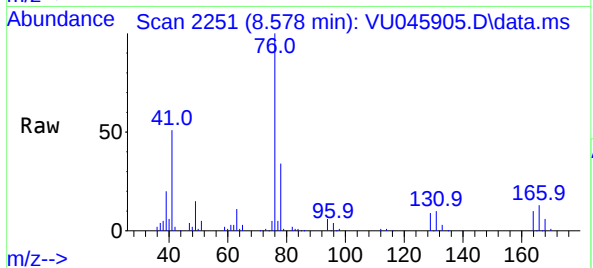
Ion	Ratio	Lower	Upper
69	100		
41	58.5	51.0	76.4
39	31.3	26.6	39.8





#57
1,3-Dichloropropane
Concen: 52.294 ug/l
RT: 8.578 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

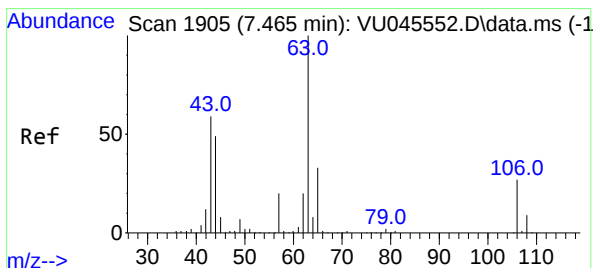
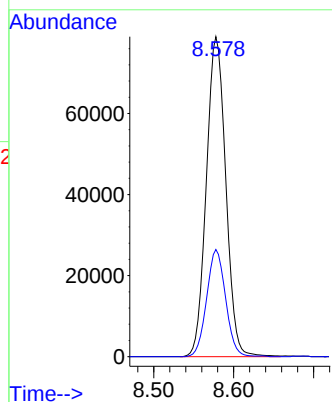
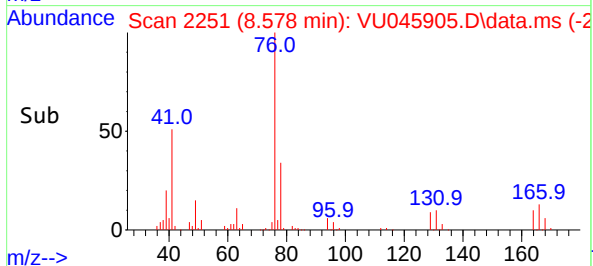
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



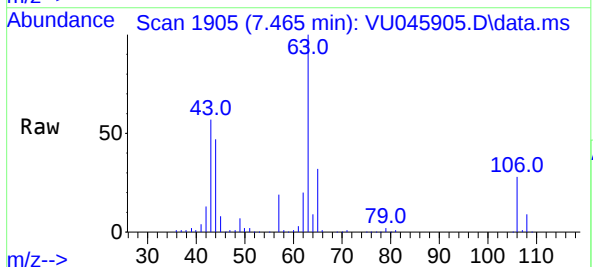
Tgt Ion: 76 Resp: 133598
Ion Ratio Lower Upper
76 100
78 32.6 25.8 38.8

Manual Integrations
APPROVED

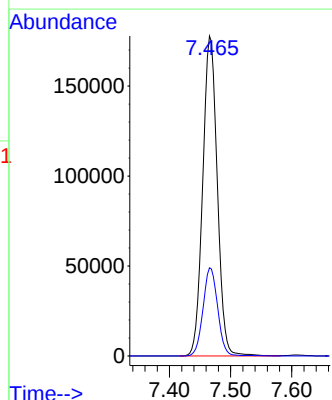
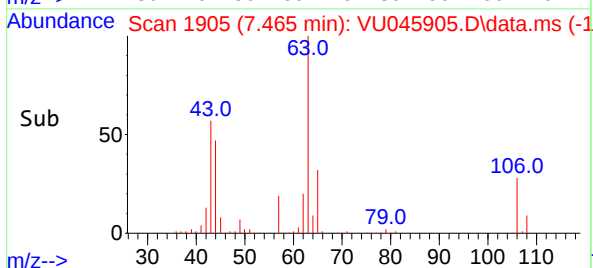
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

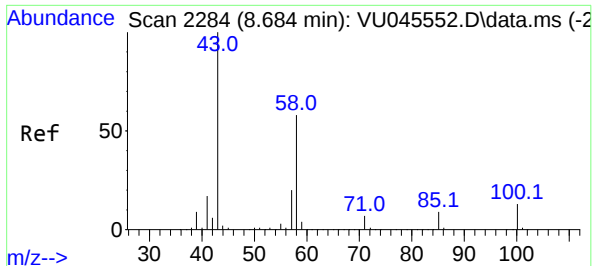


#58
2-Chloroethyl Vinyl ether
Concen: 225.379 ug/l
RT: 7.465 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58



Tgt Ion: 63 Resp: 294315
Ion Ratio Lower Upper
63 100
106 27.7 21.0 31.4





#59

2-Hexanone

Concen: 252.563 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU045905.D

Acq: 22 Nov 2021 10:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 481090

Ion Ratio Lower Upper

43 100

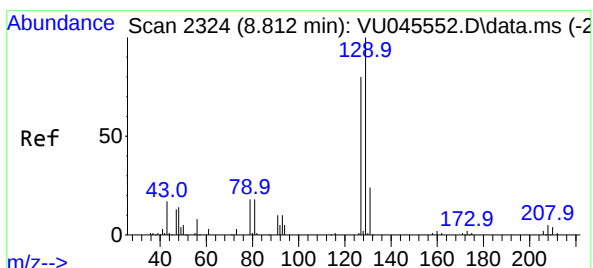
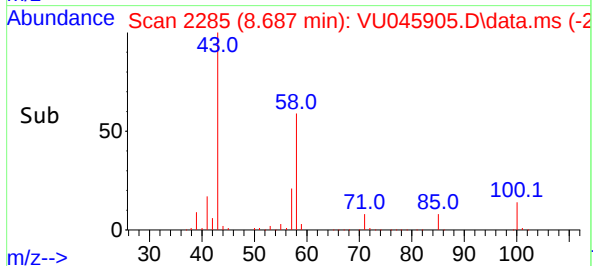
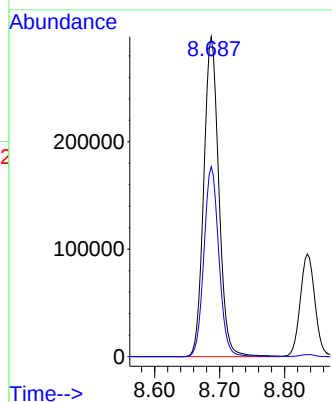
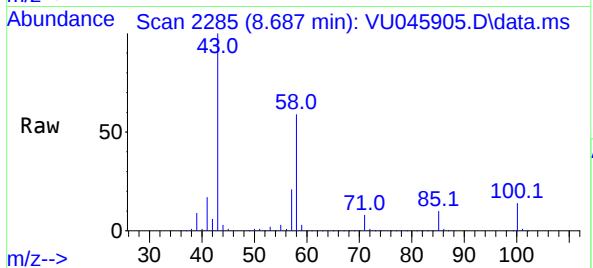
58 59.1 29.5 88.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#60

Dibromochloromethane

Concen: 55.328 ug/l

RT: 8.812 min Scan# 2324

Delta R.T. 0.000 min

Lab File: VU045905.D

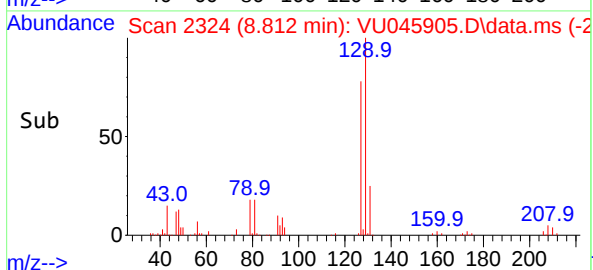
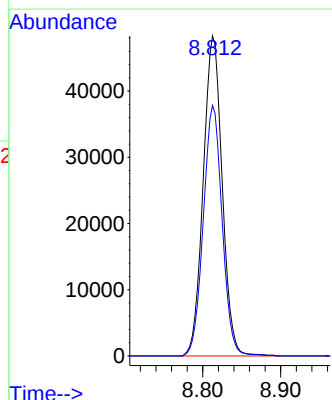
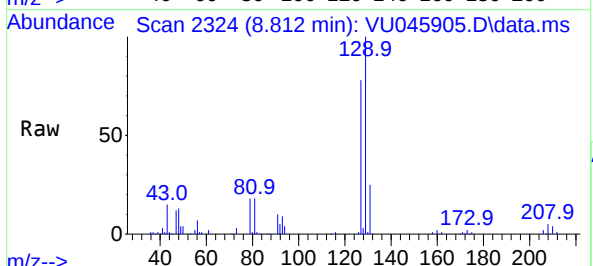
Acq: 22 Nov 2021 10:58

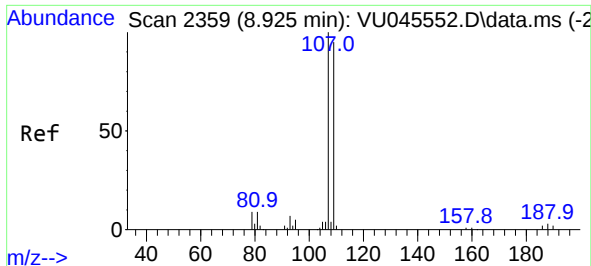
Tgt Ion:129 Resp: 81720

Ion Ratio Lower Upper

129 100

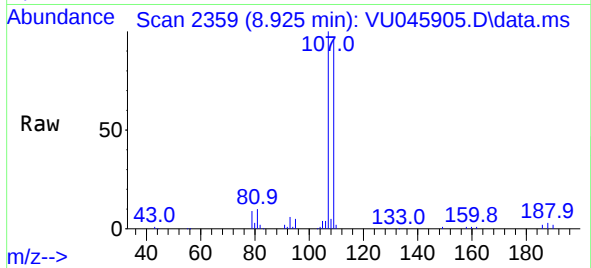
127 77.8 38.5 115.3





#61
1,2-Dibromoethane
Concen: 53.944 ug/l
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

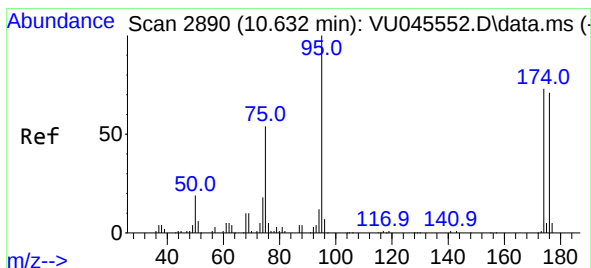
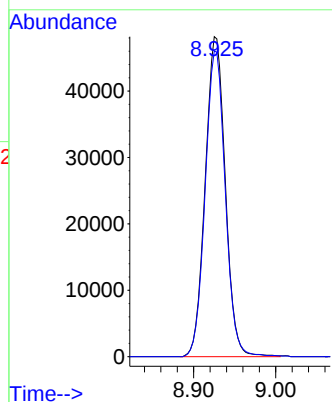
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 8206
Ion Ratio Lower Upper
107 100
109 95.7 75.8 113.8

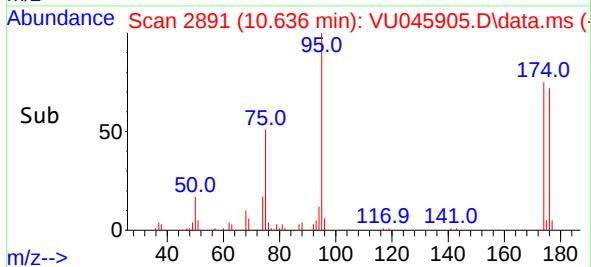
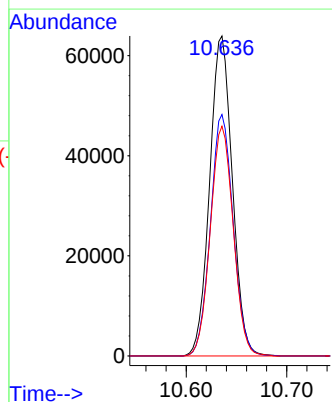
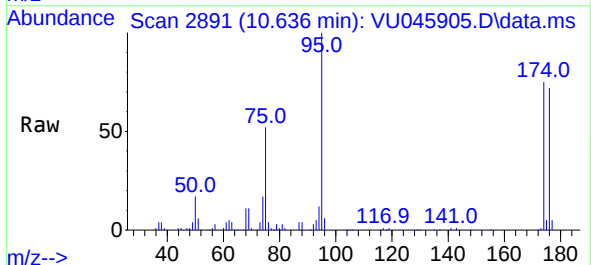
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#62
4-Bromofluorobenzene
Concen: 51.950 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

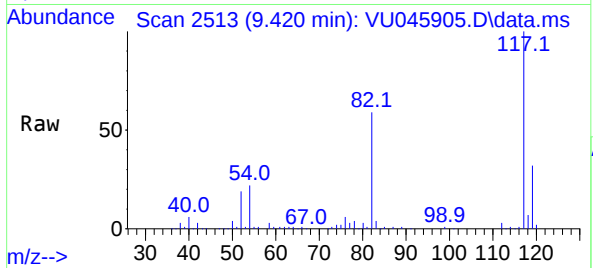
Tgt Ion: 95 Resp: 100149
Ion Ratio Lower Upper
95 100
174 76.0 0.0 141.8
176 72.6 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

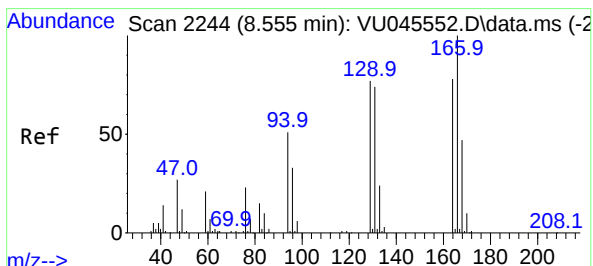
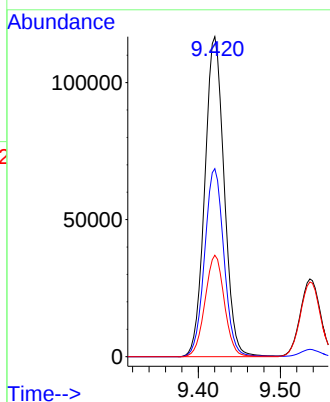
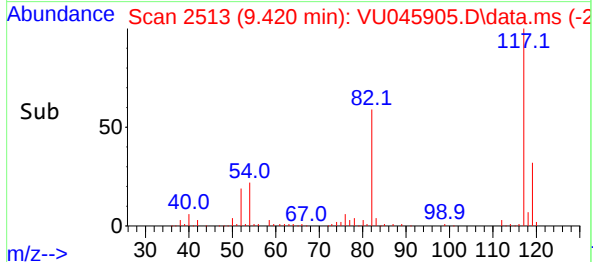
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



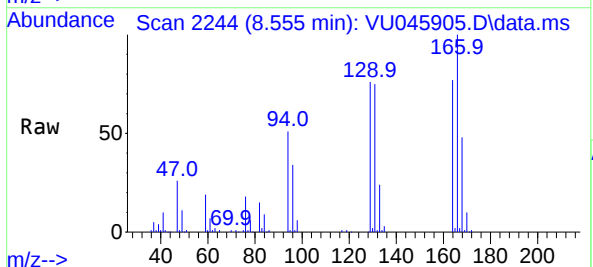
Tgt Ion:117 Resp: 191358
Ion Ratio Lower Upper
117 100
82 58.8 47.8 71.8
119 31.7 25.8 38.8

Manual Integrations
APPROVED

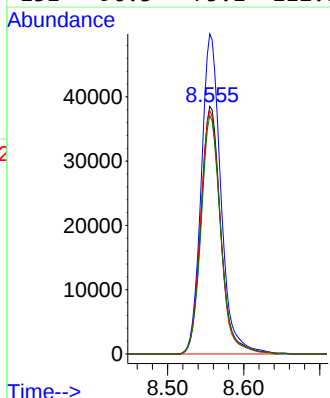
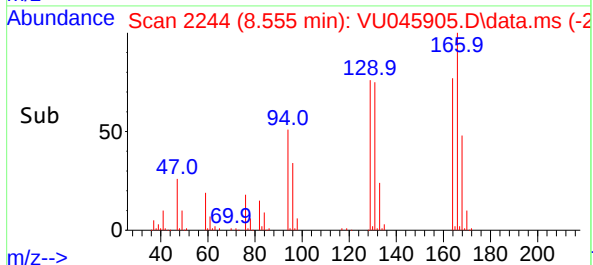
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

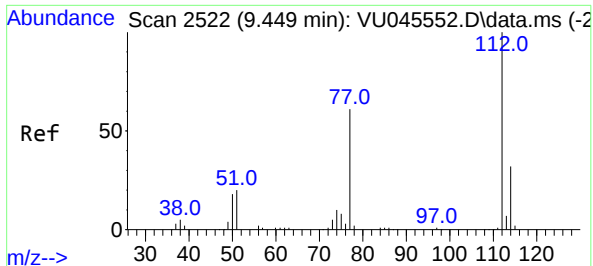


#64
Tetrachloroethene
Concen: 63.680 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58



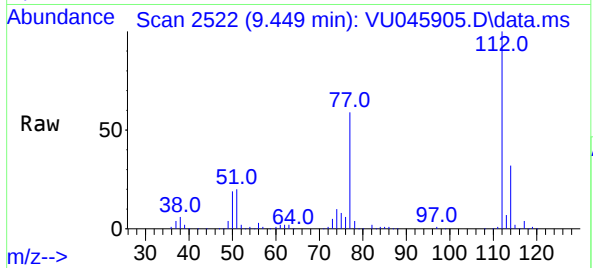
Tgt Ion:164 Resp: 69940
Ion Ratio Lower Upper
164 100
166 129.3 102.2 153.4
129 98.4 78.2 117.4
131 96.3 75.1 112.7





#65
Chlorobenzene
Concen: 51.703 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

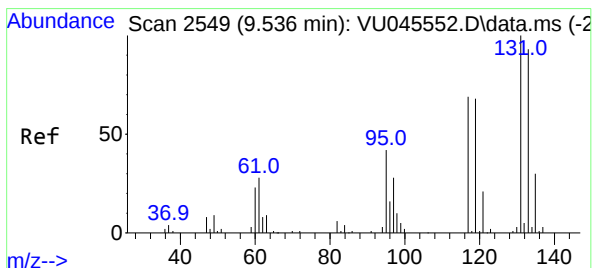
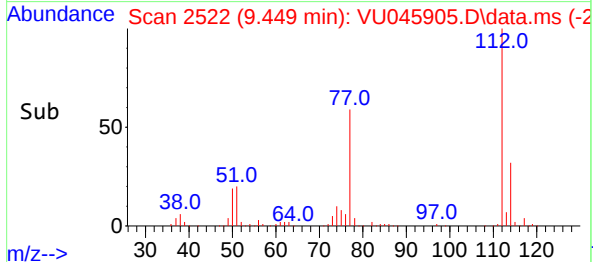
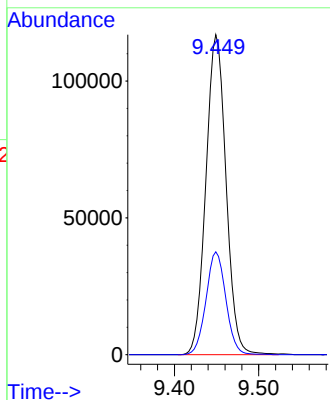
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 194340
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

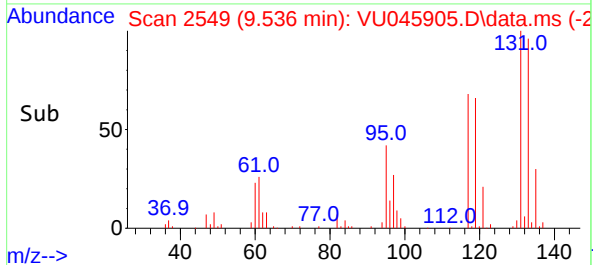
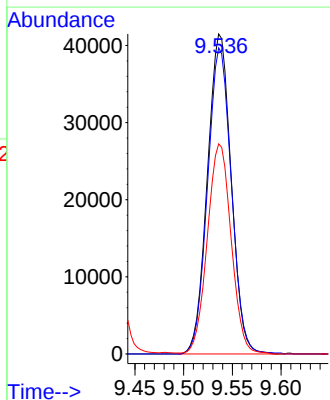
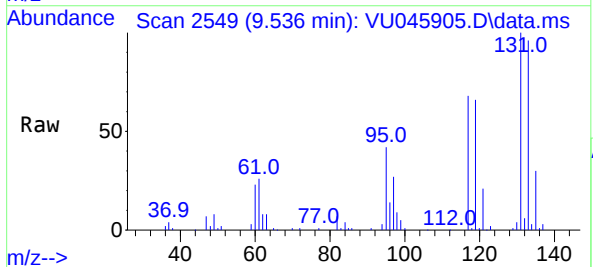
Manual Integrations
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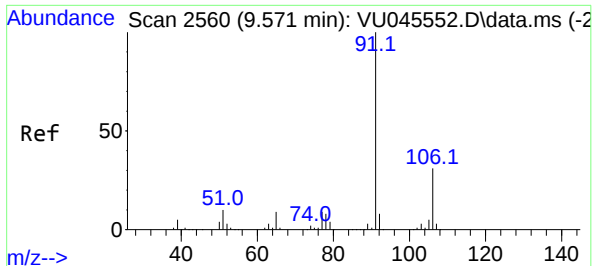
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 52.467 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Tgt Ion:131 Resp: 70336
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.6
119 66.0 34.5 103.6





#67

Ethyl Benzene

Concen: 52.992 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU045905.D

Acq: 22 Nov 2021 10:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 35670

Ion Ratio Lower Upper

91 100

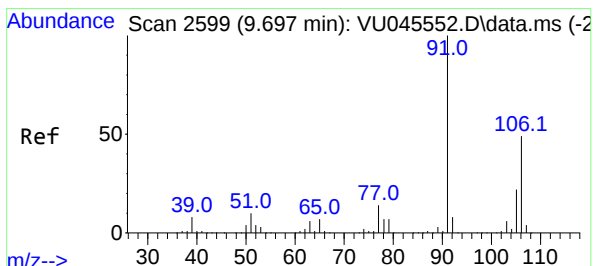
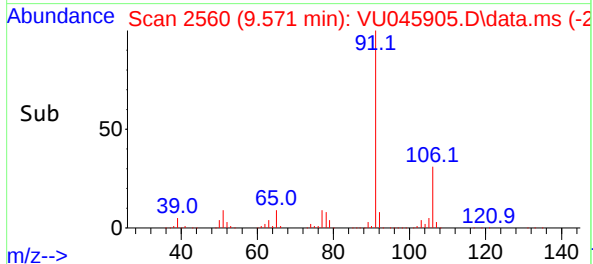
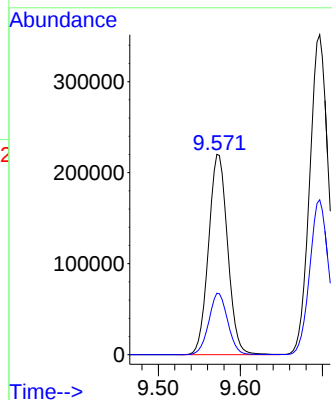
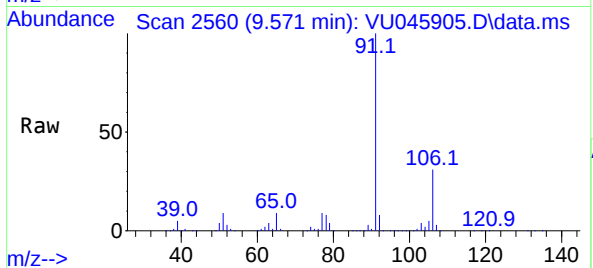
106 30.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#68

m/p-Xylenes

Concen: 109.177 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. 0.000 min

Lab File: VU045905.D

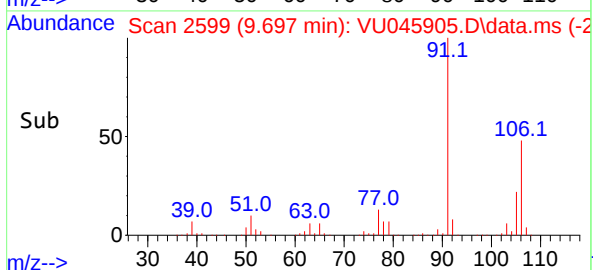
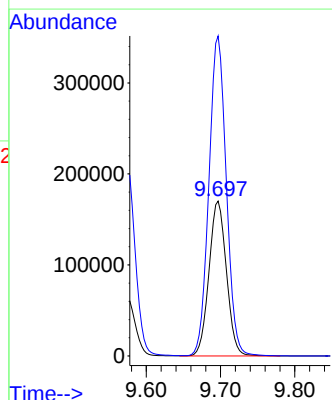
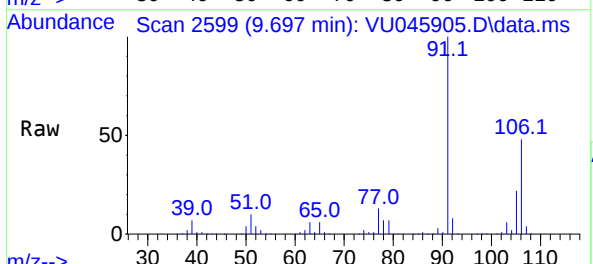
Acq: 22 Nov 2021 10:58

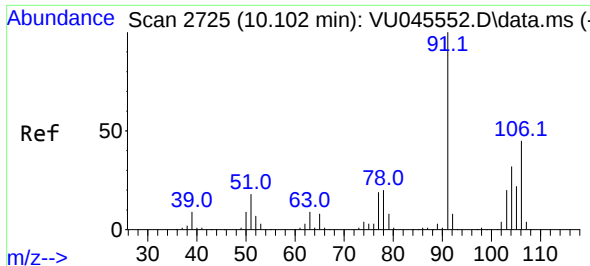
Tgt Ion:106 Resp: 277156

Ion Ratio Lower Upper

106 100

91 206.2 164.7 247.1





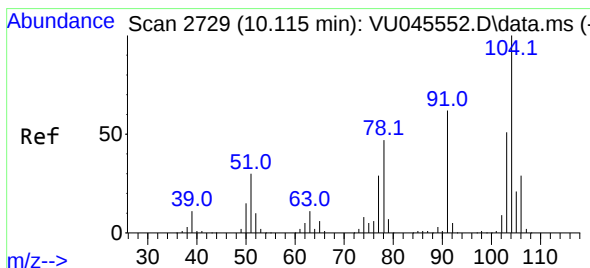
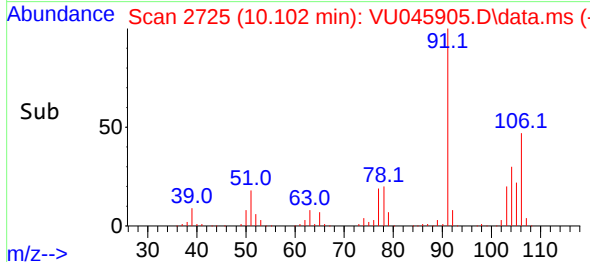
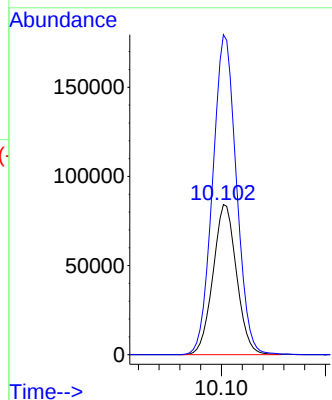
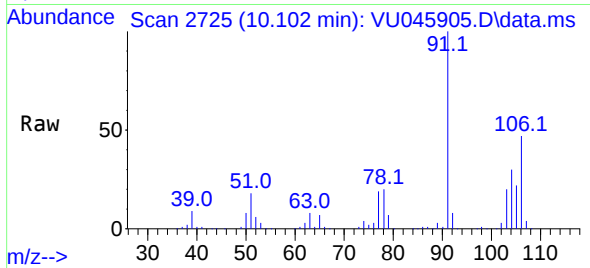
#69
o-Xylene
Concen: 53.743 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 132640
Ion Ratio Lower Upper
106 100
91 215.3 108.7 326.3

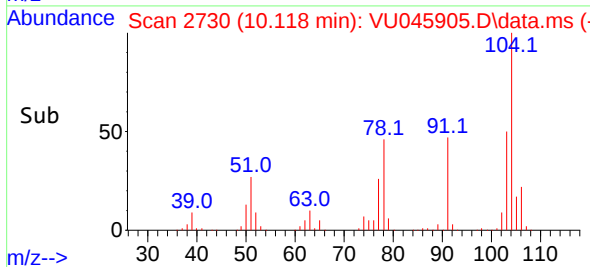
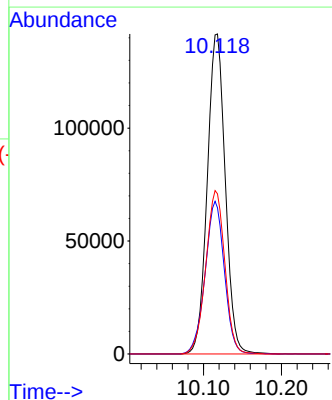
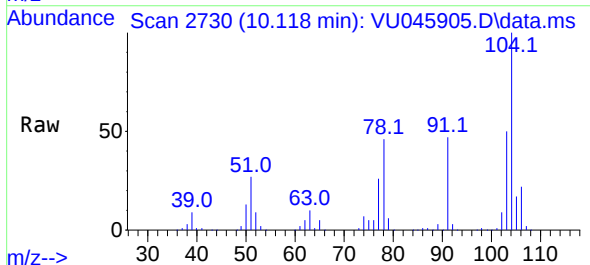
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#70
Styrene
Concen: 54.583 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

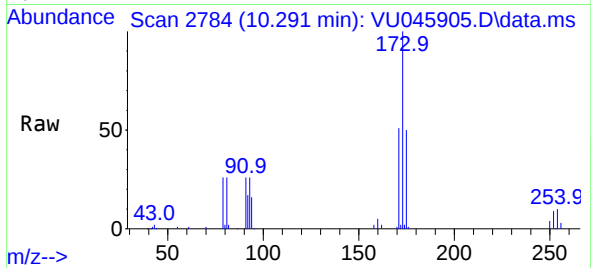
Tgt Ion:104 Resp: 227900
Ion Ratio Lower Upper
104 100
78 50.9 41.8 62.6
103 54.1 43.8 65.6





#71
Bromoform
Concen: 49.321 ug/l
RT: 10.291 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

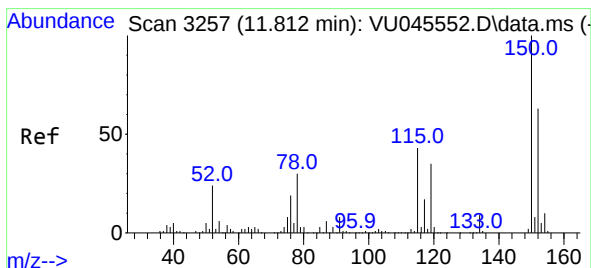
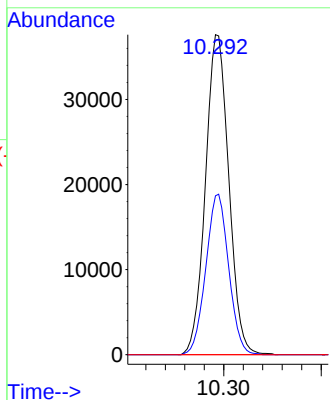
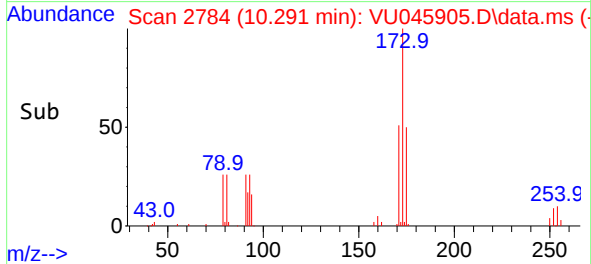
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



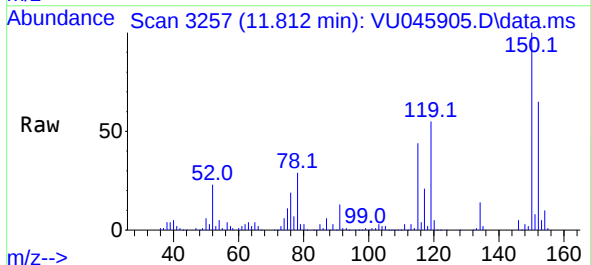
Tgt Ion:173 Resp: 62524
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.2
254 0.0 0.0 0.0

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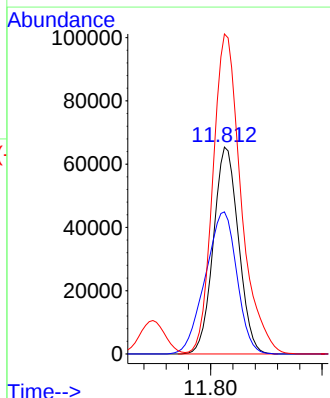
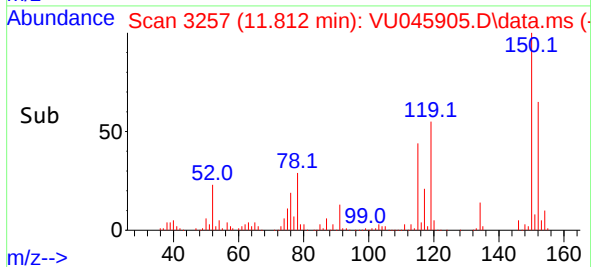
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

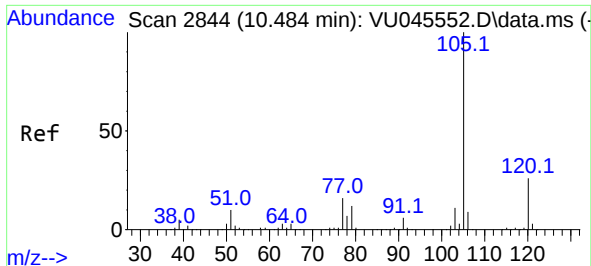


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58



Tgt Ion:152 Resp: 102271
Ion Ratio Lower Upper
152 100
115 86.2 42.7 128.1
150 173.7 0.0 346.8





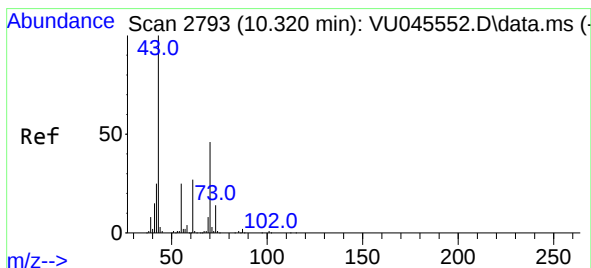
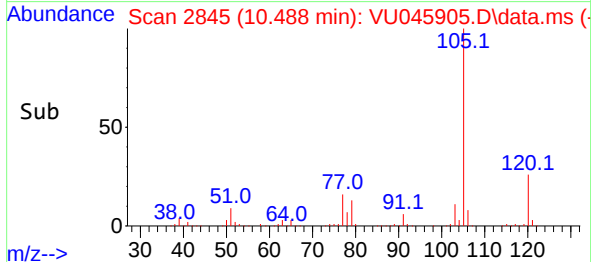
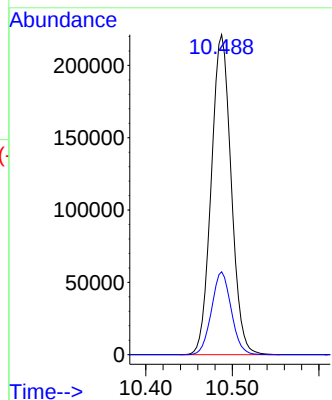
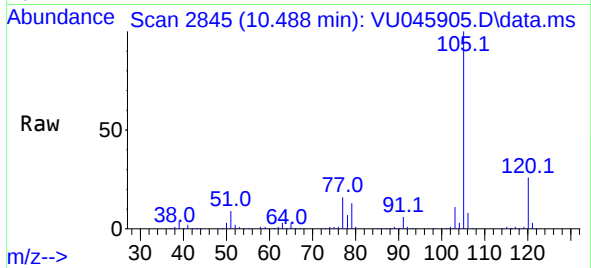
#73
Isopropylbenzene
Concen: 52.816 ug/l
RT: 10.488 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 35293
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6

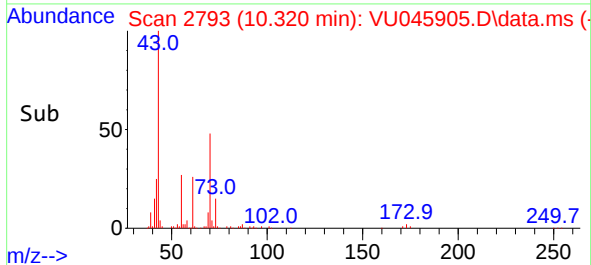
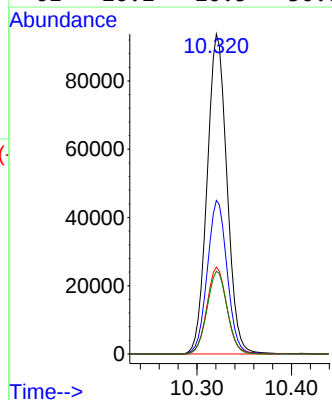
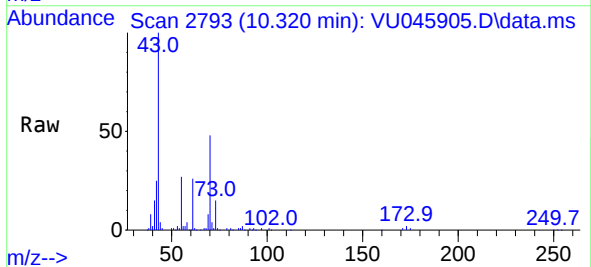
Manual Integrations
APPROVED

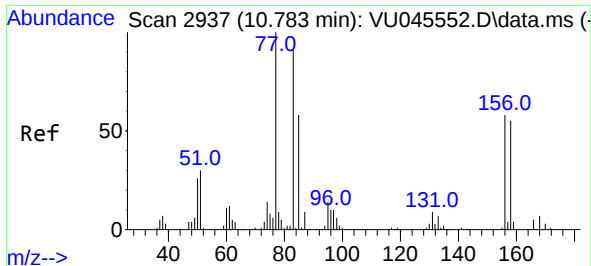
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#74
N-ethyl acetate
Concen: 45.330 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

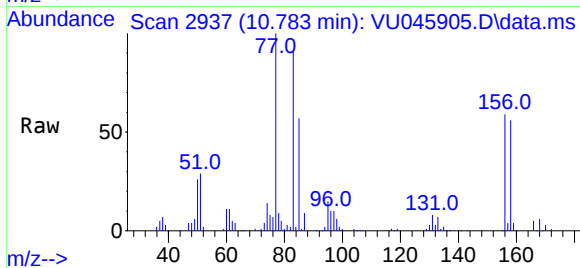
Tgt Ion: 43 Resp: 136649
Ion Ratio Lower Upper
43 100
70 48.0 36.9 55.3
55 27.3 20.6 31.0
61 26.2 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 49.813 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

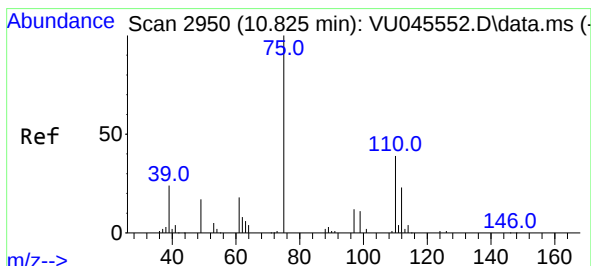
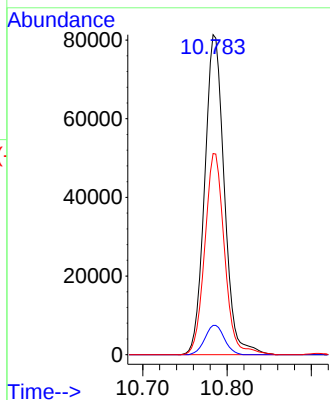
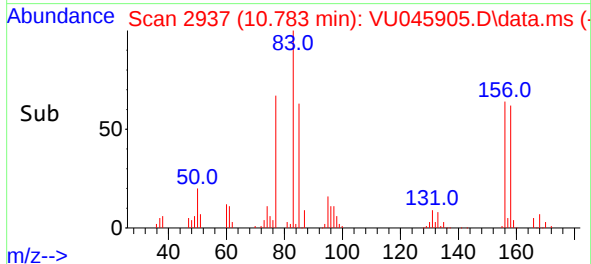
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



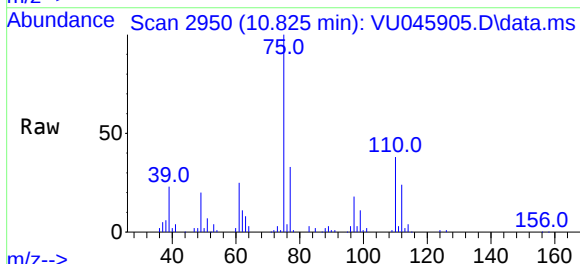
Tgt Ion: 83 Resp: 131880
Ion Ratio Lower Upper
83 100
131 9.1 4.4 13.2
85 63.2 31.9 95.9

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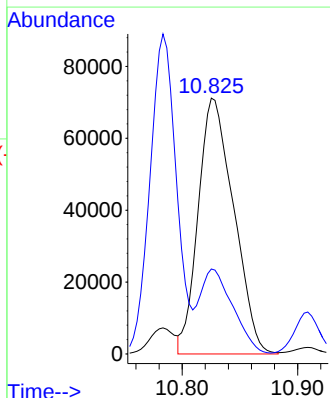
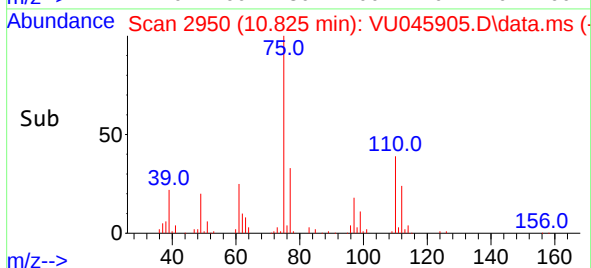
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

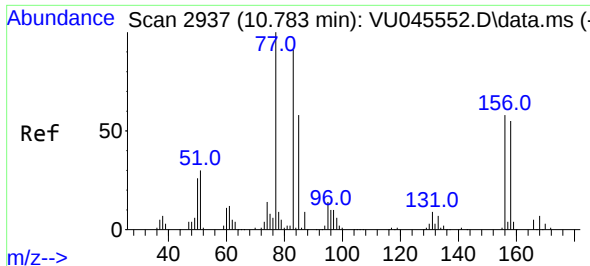


#76
1,2,3-Trichloropropane
Concen: 49.068 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58



Tgt Ion: 75 Resp: 152183
Ion Ratio Lower Upper
75 100
77 30.7 17.1 51.3





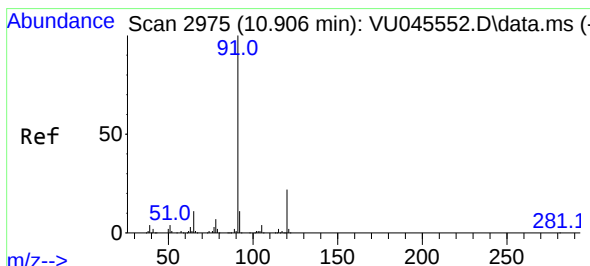
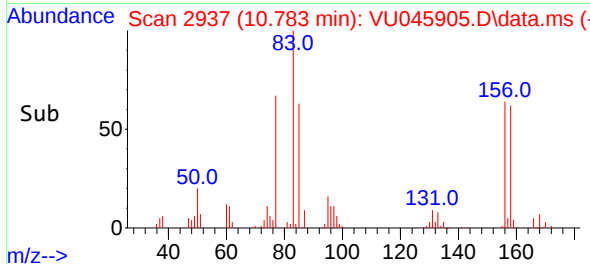
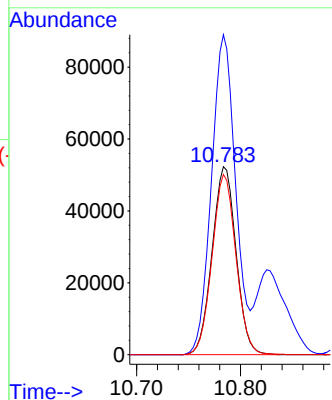
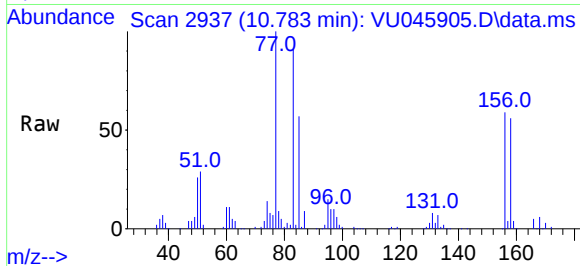
#77
Bromobenzene
Concen: 51.648 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 83795
Ion Ratio Lower Upper
156 100
77 170.6 91.1 273.4
158 95.6 47.9 143.6

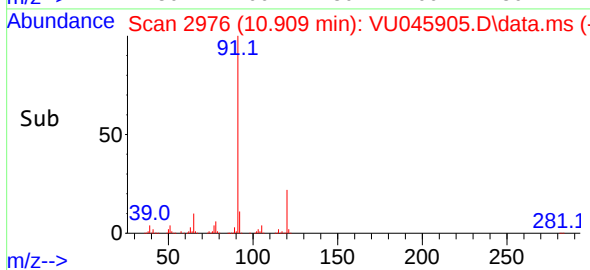
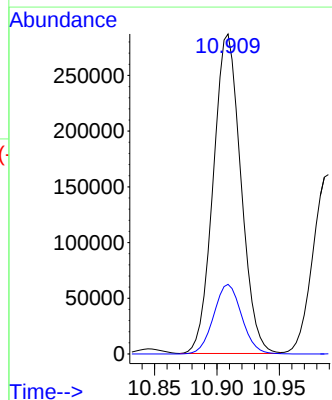
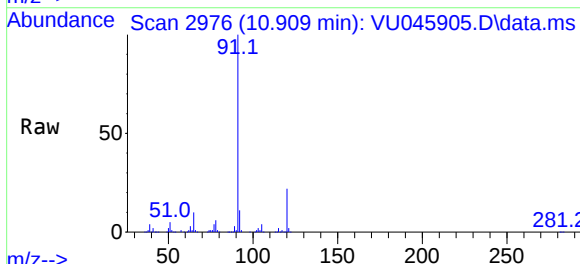
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#78
n-propylbenzene
Concen: 53.170 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Tgt Ion: 91 Resp: 442204
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.7





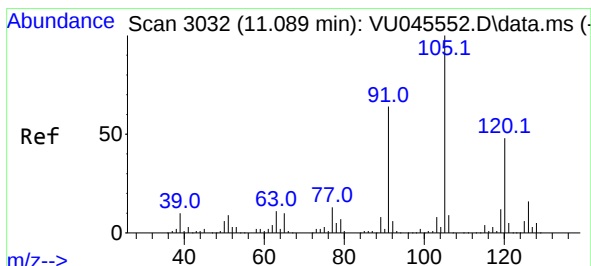
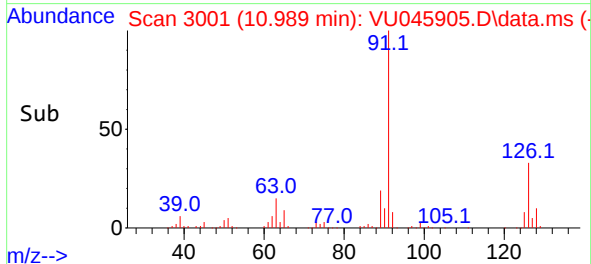
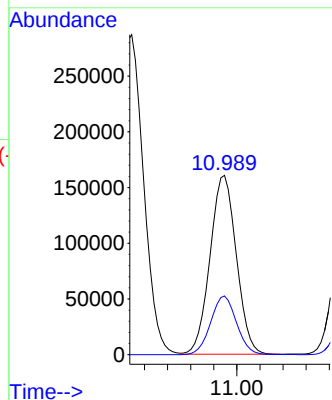
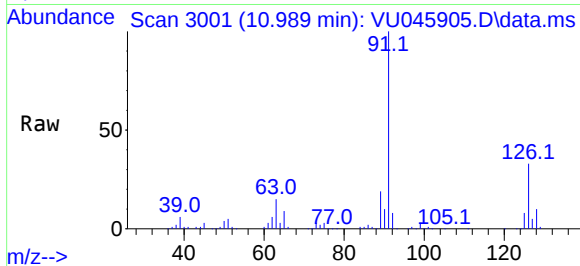
#79
2-Chlorotoluene
Concen: 51.647 ug/l
RT: 10.989 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 253774
Ion Ratio Lower Upper
91 100
126 32.3 15.6 46.8

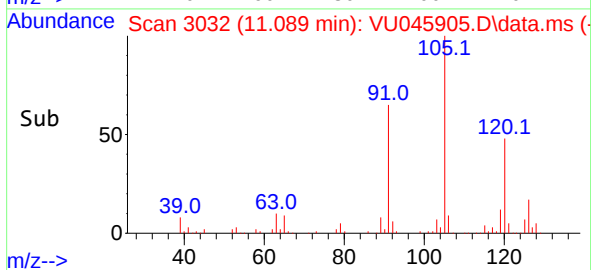
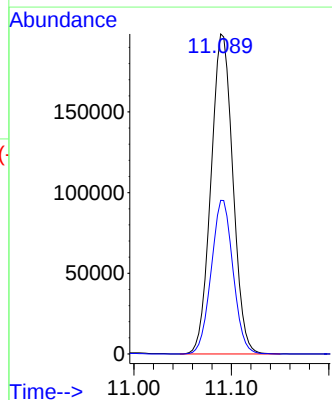
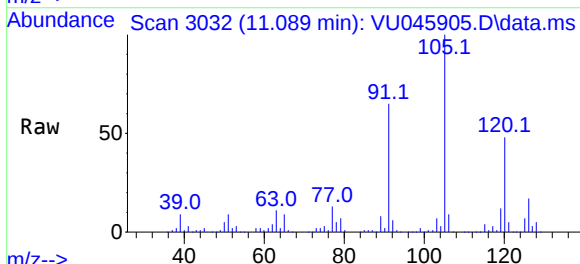
Manual Integrations
APPROVED

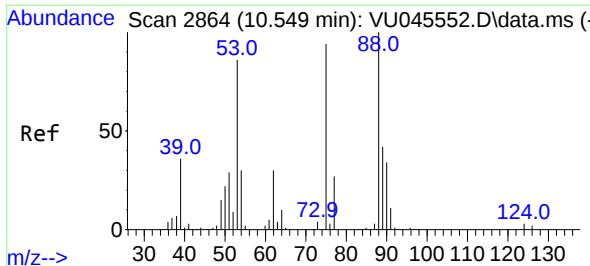
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#80
1,3,5-Trimethylbenzene
Concen: 52.980 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

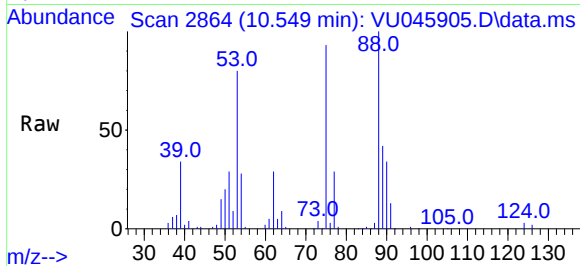
Tgt Ion:105 Resp: 309316
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 44.362 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

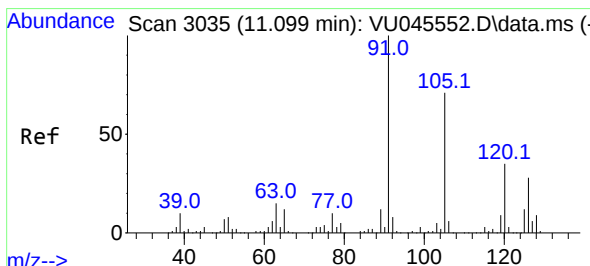
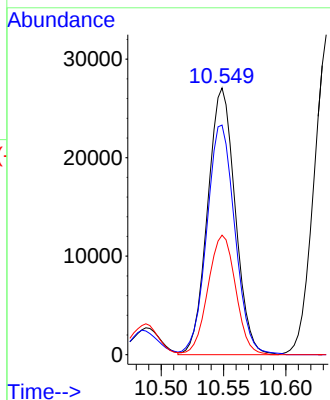
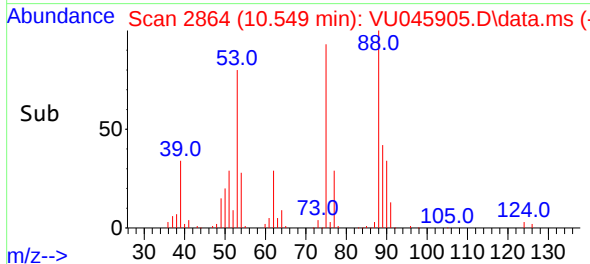
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



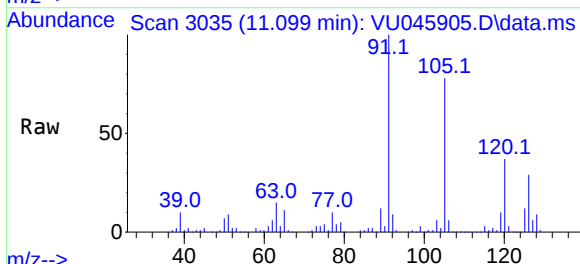
Tgt Ion: 75 Resp: 41659
Ion Ratio Lower Upper
75 100
53 88.0 76.2 114.4
89 45.1 34.0 51.0

Manual Integrations
APPROVED

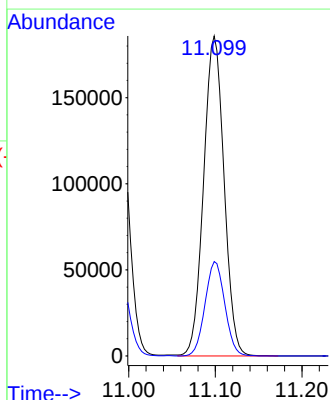
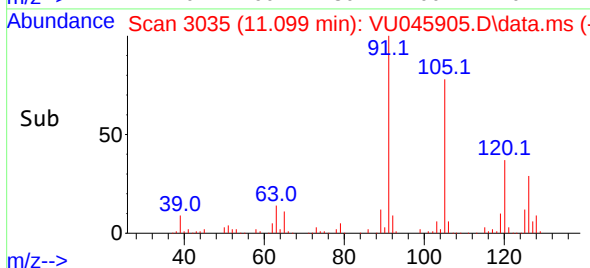
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

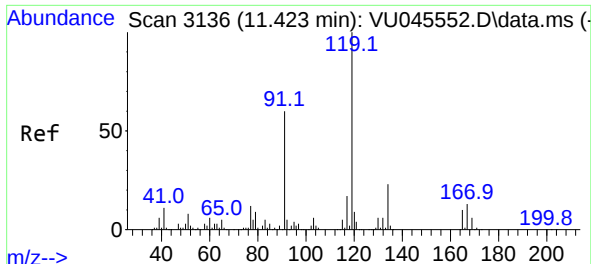


#82
4-Chlorotoluene
Concen: 52.835 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58



Tgt Ion: 91 Resp: 304464
Ion Ratio Lower Upper
91 100
126 28.4 13.8 41.4





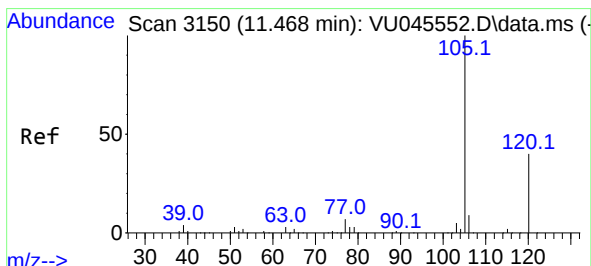
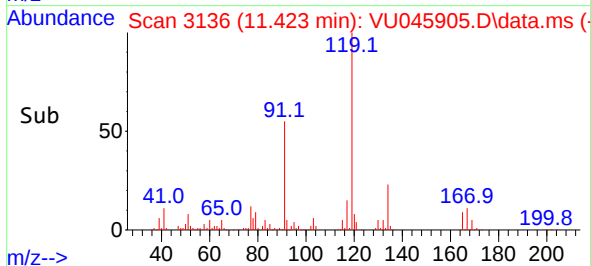
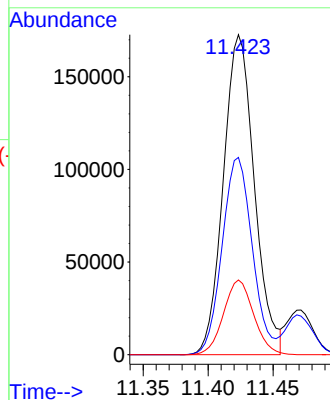
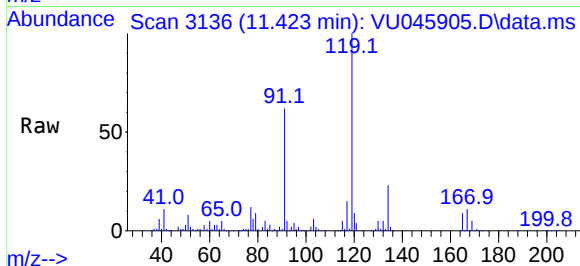
#83
tert-Butylbenzene
Concen: 51.617 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 287274
Ion Ratio Lower Upper
119 100
91 60.1 30.5 91.5
134 22.6 11.5 34.5

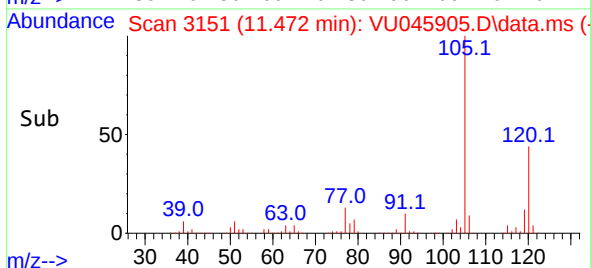
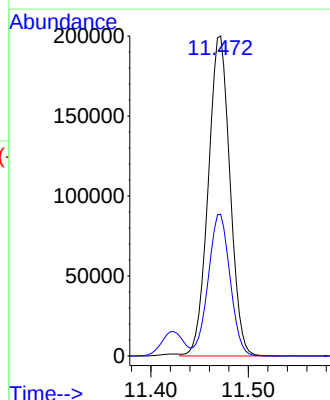
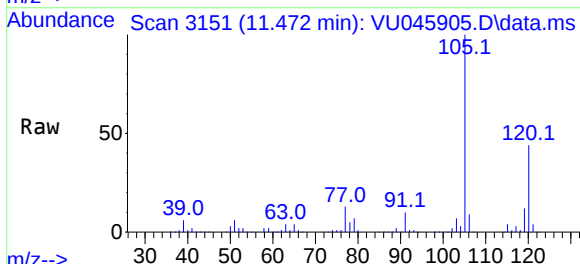
Manual Integrations
APPROVED

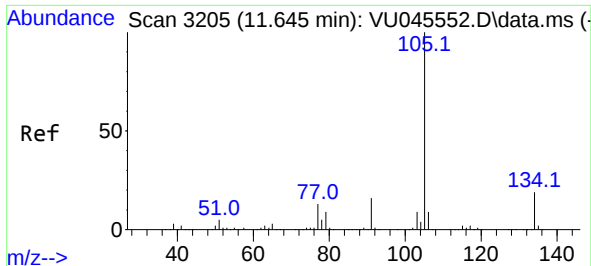
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#84
1,2,4-Trimethylbenzene
Concen: 53.477 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Tgt Ion:105 Resp: 310304
Ion Ratio Lower Upper
105 100
120 44.3 22.2 66.6





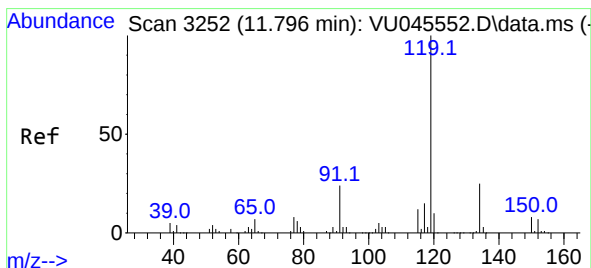
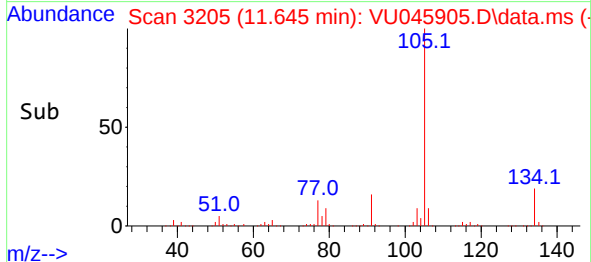
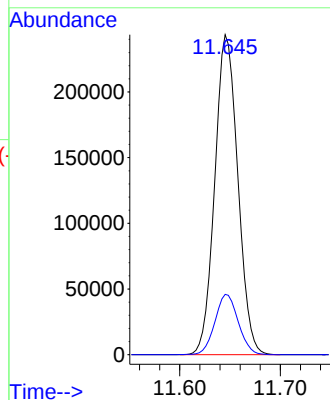
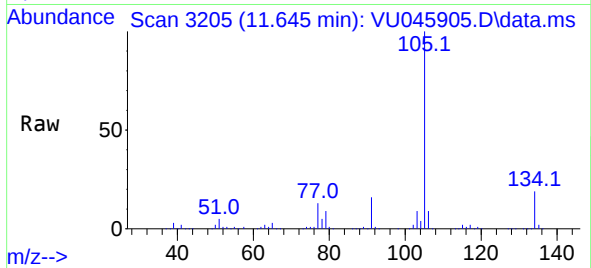
#85
sec-Butylbenzene
Concen: 52.500 ug/l
RT: 11.645 min Scan# 3205
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 387514
Ion Ratio Lower Upper
105 100
134 19.1 9.4 28.3

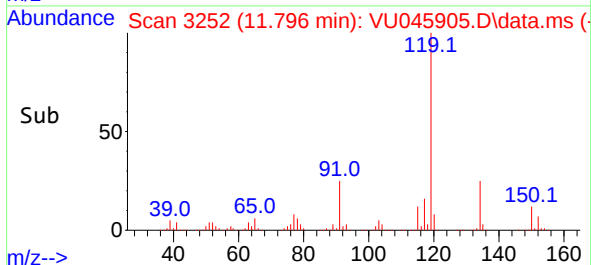
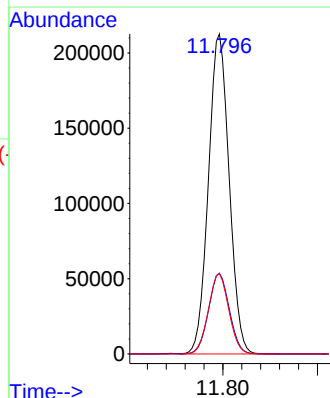
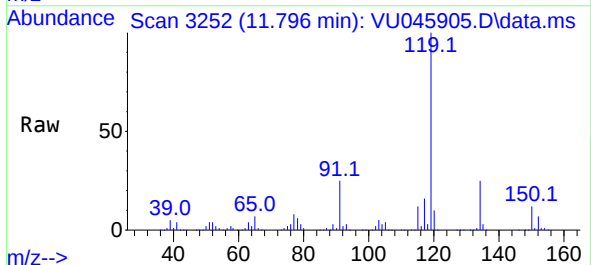
Manual Integrations
APPROVED

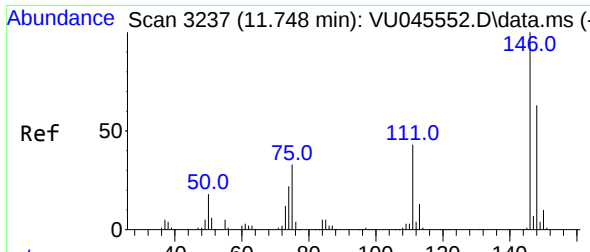
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#86
p-Isopropyltoluene
Concen: 52.381 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

Tgt Ion:119 Resp: 323090
Ion Ratio Lower Upper
119 100
134 25.2 12.7 38.1
91 24.8 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 51.042 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. 0.000 min

Lab File: VU045905.D

Acq: 22 Nov 2021 10:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 16708

Ion Ratio Lower Upper

146 100

111 42.7 21.3 63.9

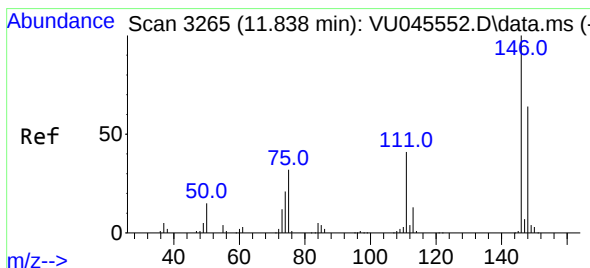
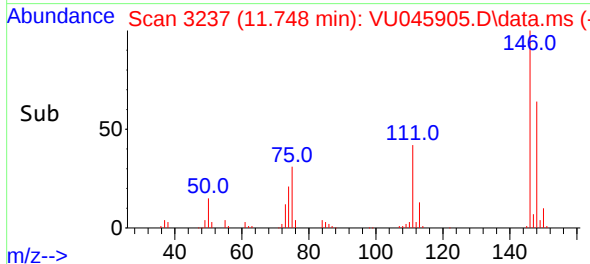
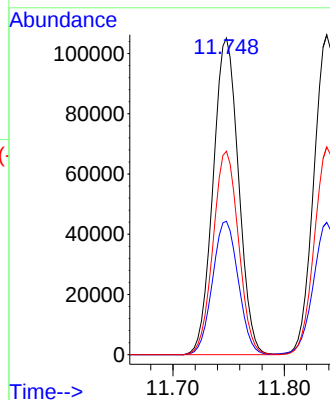
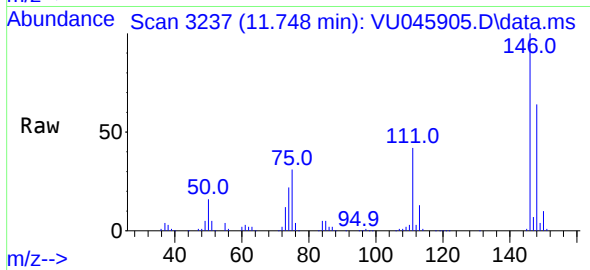
148 64.2 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#88

1,4-Dichlorobenzene

Concen: 51.438 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU045905.D

Acq: 22 Nov 2021 10:58

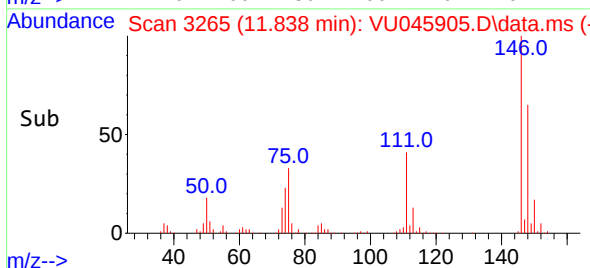
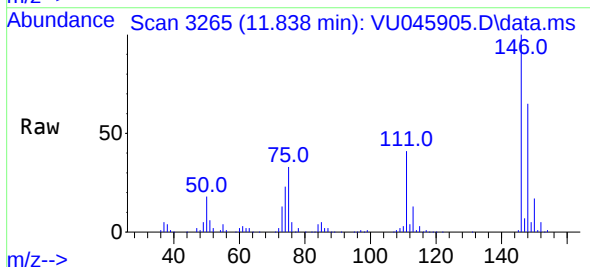
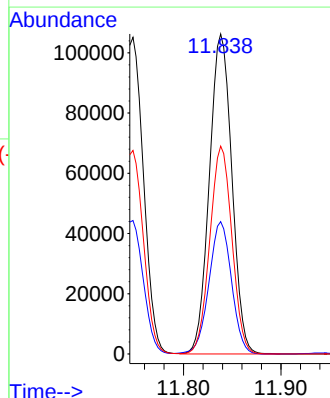
Tgt Ion:146 Resp: 170299

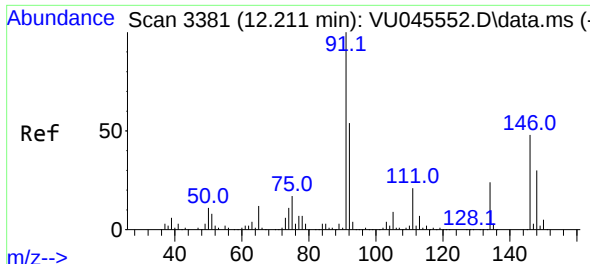
Ion Ratio Lower Upper

146 100

111 41.5 20.6 61.9

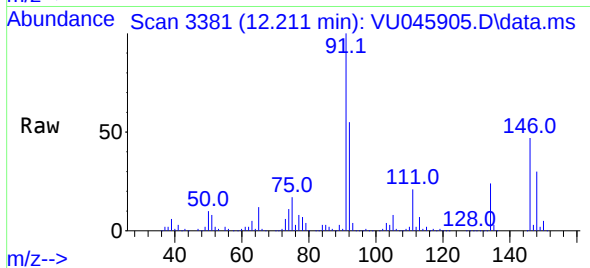
148 63.9 31.9 95.7





#89
n-Butylbenzene
Concen: 51.787 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

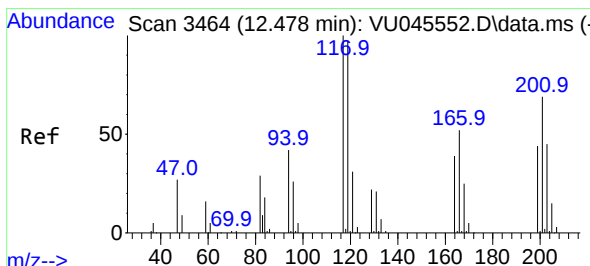
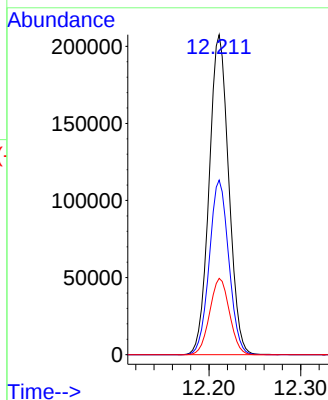
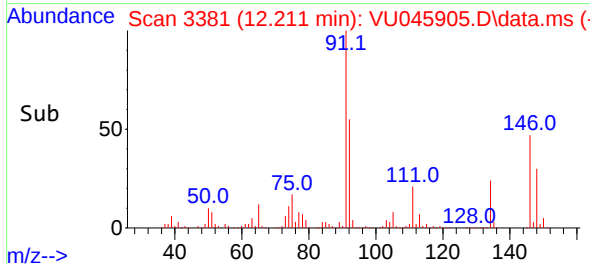
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



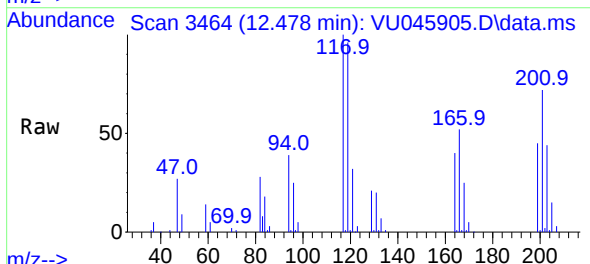
Tgt Ion: 91 Resp: 307698
Ion Ratio Lower Upper
91 100
92 54.3 27.1 81.2
134 24.1 11.8 35.4

Manual Integrations
APPROVED

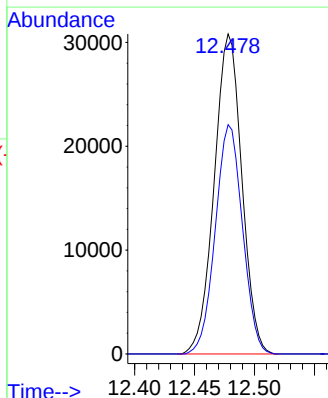
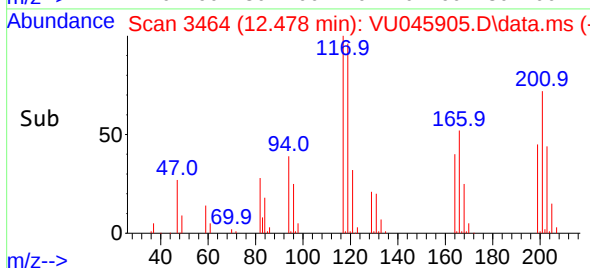
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

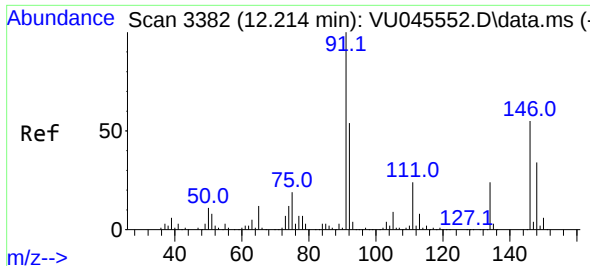


#90
Hexachloroethane
Concen: 44.345 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58



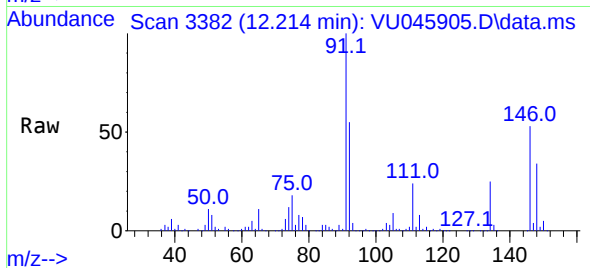
Tgt Ion:117 Resp: 49342
Ion Ratio Lower Upper
117 100
201 70.3 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 51.449 ug/l
RT: 12.214 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

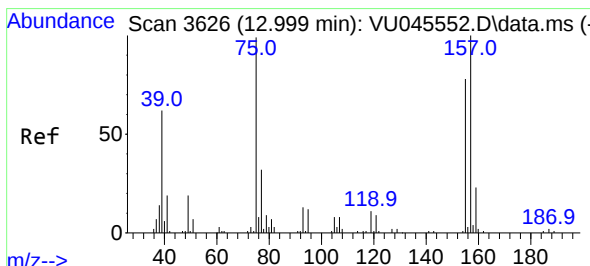
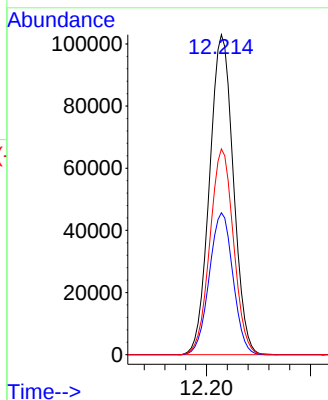
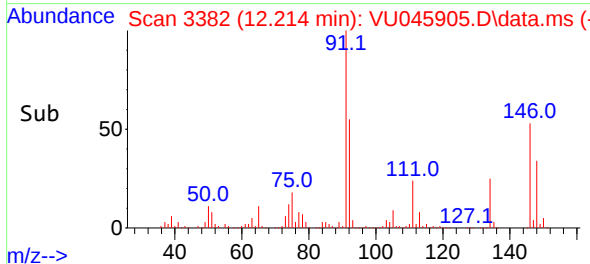
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



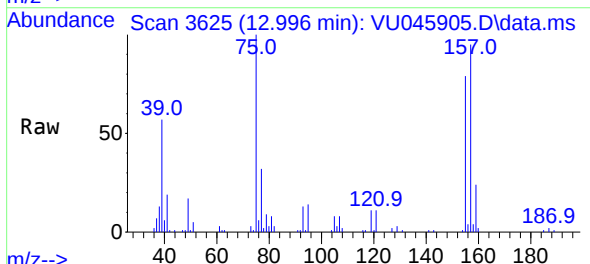
Tgt Ion:146 Resp: 16385
Ion Ratio Lower Upper
146 100
111 44.2 21.9 65.5
148 64.0 32.1 96.3

Manual Integrations
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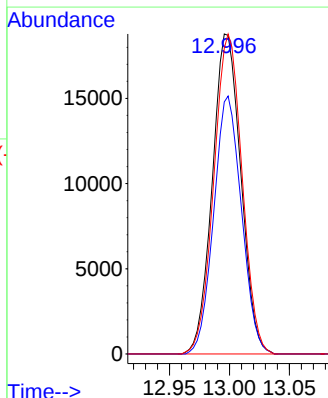
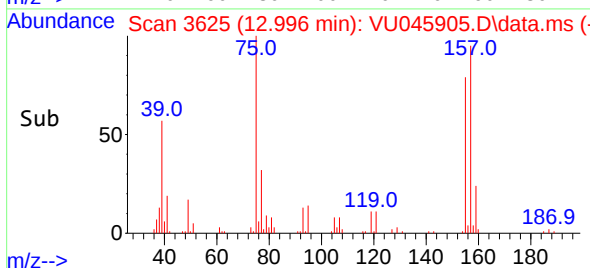
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

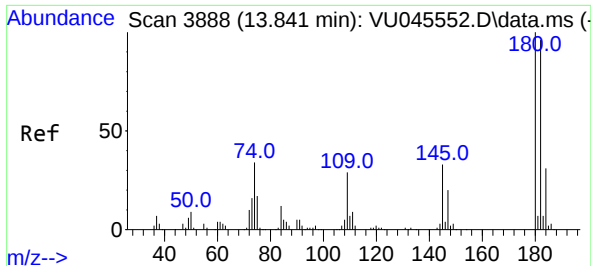


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.638 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58



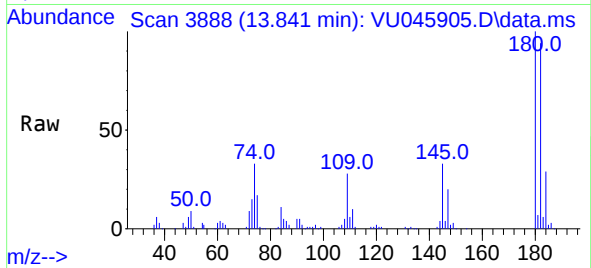
Tgt Ion: 75 Resp: 31009
Ion Ratio Lower Upper
75 100
155 78.5 37.8 113.3
157 99.1 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 51.810 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

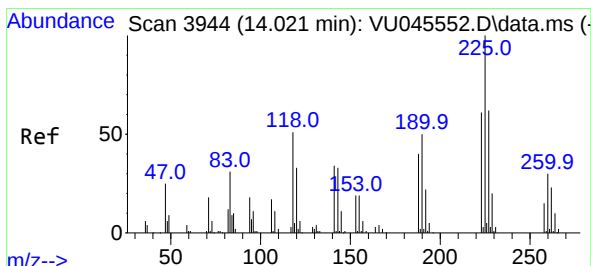
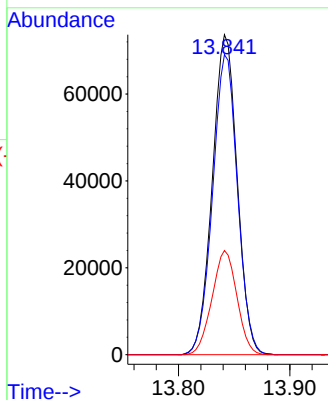
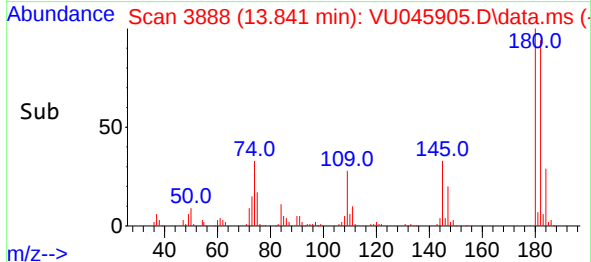
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



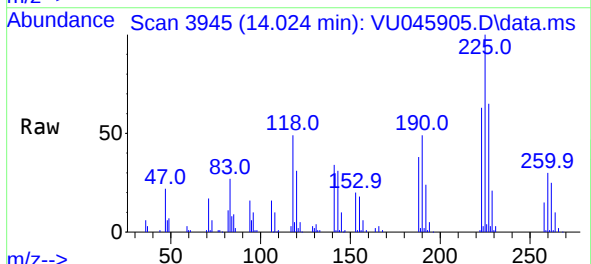
Tgt Ion:180 Resp: 11409
Ion Ratio Lower Upper
180 100
182 94.0 47.0 141.2
145 32.6 15.6 46.7

Manual Integrations
APPROVED

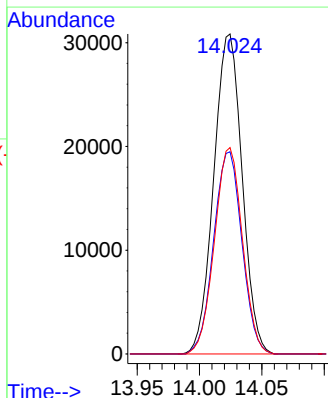
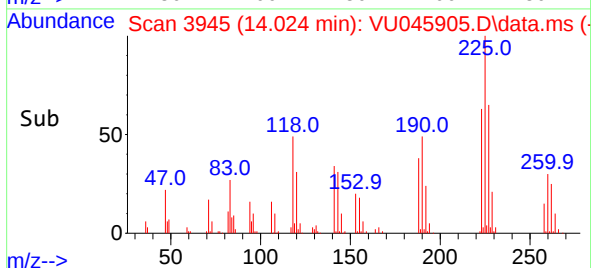
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

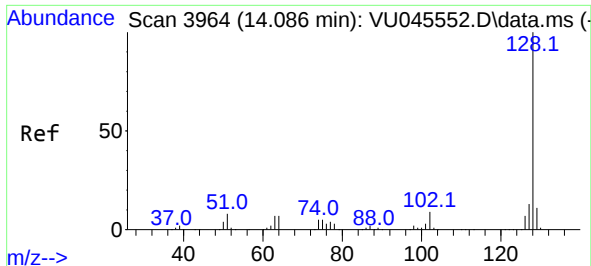


#94
Hexachlorobutadiene
Concen: 51.442 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58



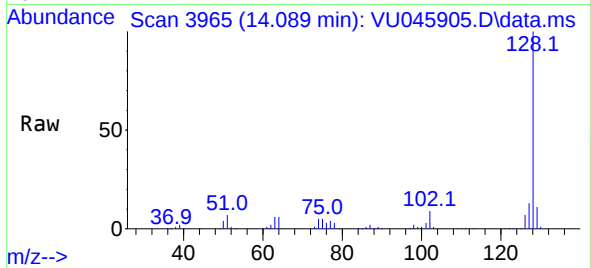
Tgt Ion:225 Resp: 48898
Ion Ratio Lower Upper
225 100
223 63.0 32.0 96.2
227 63.5 31.1 93.5





#95
Naphthalene
Concen: 48.376 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58

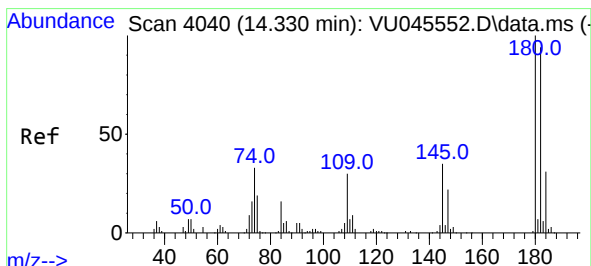
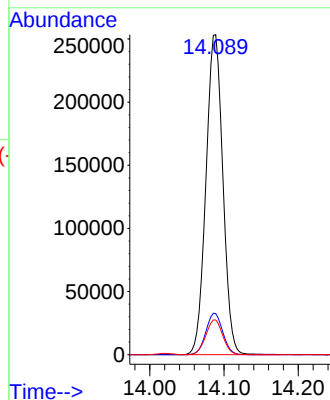
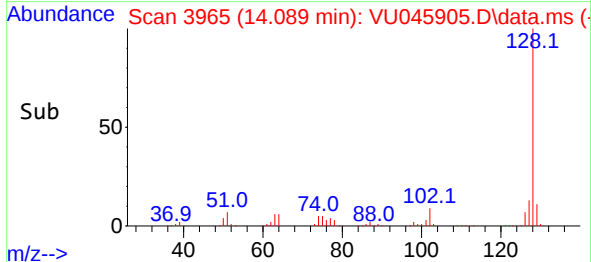
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



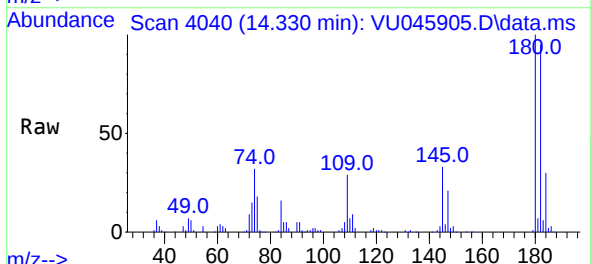
Tgt Ion:128 Resp: 400209
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#96
1,2,3-Trichlorobenzene
Concen: 52.828 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU045905.D
Acq: 22 Nov 2021 10:58



Tgt Ion:180 Resp: 115549
Ion Ratio Lower Upper
180 100
182 95.0 47.7 143.1
145 33.7 16.7 50.0

