

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044983.D
 Acq On : 29 Sep 2021 09:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Sep 29 09:15:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	155294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	288820	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	279198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	142292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	130717	50.566	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.140%			
35) Dibromofluoromethane	5.295	113	91903	50.441	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.880%			
50) Toluene-d8	7.902	98	367879	51.102	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.200%			
62) 4-Bromofluorobenzene	10.639	95	141398	47.575	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	89534	46.559	ug/l	99
3) Chloromethane	1.523	50	109150	43.819	ug/l	98
4) Vinyl Chloride	1.607	62	120991	48.646	ug/l	99
5) Bromomethane	1.851	94	78582	80.547	ug/l	99
6) Chloroethane	1.935	64	78076	40.863	ug/l	99
7) Trichlorofluoromethane	2.141	101	156156	47.543	ug/l	99
8) Diethyl Ether	2.382	74	71620	47.580	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.584	101	89216	47.761	ug/l	98
10) Methyl Iodide	2.726	142	89731	45.007	ug/l	97
11) Tert butyl alcohol	3.179	59	129403	174.415	ug/l	100
12) 1,1-Dichloroethene	2.584	96	90408	49.103	ug/l	96
13) Acrolein	2.488	56	35515	245.564	ug/l	97
14) Allyl chloride	2.928	41	152531	44.765	ug/l	96
15) Acrylonitrile	3.317	53	352909	235.856	ug/l	99
16) Acetone	2.626	43	306715	199.887	ug/l	99
17) Carbon Disulfide	2.797	76	258326	47.529	ug/l	100
18) Methyl Acetate	2.951	43	209185	46.644	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	337765	47.522	ug/l	98
20) Methylene Chloride	3.051	84	109053	47.184	ug/l	95
21) trans-1,2-Dichloroethene	3.359	96	97642	48.478	ug/l	98
22) Diisopropyl ether	3.999	45	325649	46.812	ug/l	97
23) Vinyl Acetate	3.960	43	1350417	238.681	ug/l	98
24) 1,1-Dichloroethane	3.877	63	192050	48.090	ug/l	100
25) 2-Butanone	4.706	43	471942	216.479	ug/l	98
26) 2,2-Dichloropropane	4.671	77	95566	28.305	ug/l	94
27) cis-1,2-Dichloroethene	4.674	96	114396	48.089	ug/l	94
28) Bromochloromethane	4.980	49	84691	51.166	ug/l	95
29) Tetrahydrofuran	5.054	42	303786	234.086	ug/l	94
30) Chloroform	5.095	83	191716	47.631	ug/l	99
31) Cyclohexane	5.394	56	176501	44.949	ug/l	96
32) 1,1,1-Trichloroethane	5.324	97	160180	48.231	ug/l	99
36) 1,1-Dichloropropene	5.533	75	143919	47.649	ug/l	99
37) Ethyl Acetate	4.806	43	180932	45.275	ug/l	97
38) Carbon Tetrachloride	5.533	117	125029	47.838	ug/l	98
39) Methylcyclohexane	6.767	83	171436	46.236	ug/l	97
40) Benzene	5.780	78	419375	46.619	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	95123	46.236	ug/l	96
42) 1,2-Dichloroethane	5.800	62	164538	46.536	ug/l	100
43) Isopropyl Acetate	5.915	43	273185	45.438	ug/l	99
44) Trichloroethene	6.549	130	101632	47.918	ug/l	96
45) 1,2-Dichloropropane	6.796	63	110780	46.449	ug/l	98
46) Dibromomethane	6.925	93	75978	47.290	ug/l	99
47) Bromodichloromethane	7.111	83	149513	47.928	ug/l	99
48) Methyl methacrylate	6.964	41	129632	44.297	ug/l	94
49) 1,4-Dioxane	6.967	88	42957	558.815	ug/l	94
51) 4-Methyl-2-Pentanone	7.796	43	930289	212.542	ug/l	98
52) Toluene	7.973	92	264964	47.062	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	153610	43.060	ug/l	100
54) cis-1,3-Dichloropropene	7.613	75	166861	44.905	ug/l	99
55) 1,1,2-Trichloroethane	8.407	97	106886	45.563	ug/l	99
56) Ethyl methacrylate	8.336	69	183896	40.723	ug/l	98
57) 1,3-Dichloropropane	8.581	76	189420	45.244	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.468	63	278164	196.217	ug/l	98
59) 2-Hexanone	8.687	43	728021	204.253	ug/l	98
60) Dibromochloromethane	8.816	129	104858	42.498	ug/l	99
61) 1,2-Dibromoethane	8.928	107	114780	46.030	ug/l	99
64) Tetrachloroethene	8.558	164	90032	49.407	ug/l	99
65) Chlorobenzene	9.452	112	273631	46.746	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.539	131	92324	45.176	ug/l	99
67) Ethyl Benzene	9.574	91	514074	47.725	ug/l	99
68) m/p-Xylenes	9.700	106	390355	93.280	ug/l	97
69) o-Xylene	10.105	106	190384	45.840	ug/l	98
70) Styrene	10.118	104	324757	46.610	ug/l	98
71) Bromoform	10.298	173	76741	39.410	ug/l #	98
73) Isopropylbenzene	10.488	105	501901	47.365	ug/l	100
74) N-amyl acetate	10.324	43	229895	43.088	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.787	83	189117	41.248	ug/l	99
76) 1,2,3-Trichloropropane	10.828	75	173416m	41.783	ug/l	
77) Bromobenzene	10.787	156	114801	44.867	ug/l	100
78) n-propylbenzene	10.912	91	618856	47.925	ug/l	100
79) 2-Chlorotoluene	10.989	91	364434	45.024	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	434928	46.853	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	52248	34.936	ug/l	99
82) 4-Chlorotoluene	11.102	91	425113	46.466	ug/l	100
83) tert-Butylbenzene	11.426	119	397043	43.974	ug/l	98
84) 1,2,4-Trimethylbenzene	11.471	105	434021	47.260	ug/l	100
85) sec-Butylbenzene	11.648	105	546299	46.983	ug/l	100
86) p-Isopropyltoluene	11.799	119	445579	47.639	ug/l	99
87) 1,3-Dichlorobenzene	11.751	146	221461	45.196	ug/l	100
88) 1,4-Dichlorobenzene	11.841	146	223566	44.601	ug/l	99
89) n-Butylbenzene	12.214	91	423796	49.194	ug/l	99
90) Hexachloroethane	12.481	117	74363	44.028	ug/l	96
91) 1,2-Dichlorobenzene	12.217	146	220658	44.053	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.002	75	49112	45.398	ug/l	97
93) 1,2,4-Trichlorobenzene	13.844	180	135264	48.457	ug/l	99
94) Hexachlorobutadiene	14.028	225	51127	43.876	ug/l	98
95) Naphthalene	14.092	128	486492	46.338	ug/l	100
96) 1,2,3-Trichlorobenzene	14.336	180	132245	47.172	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
Response via : Initial Calibration

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

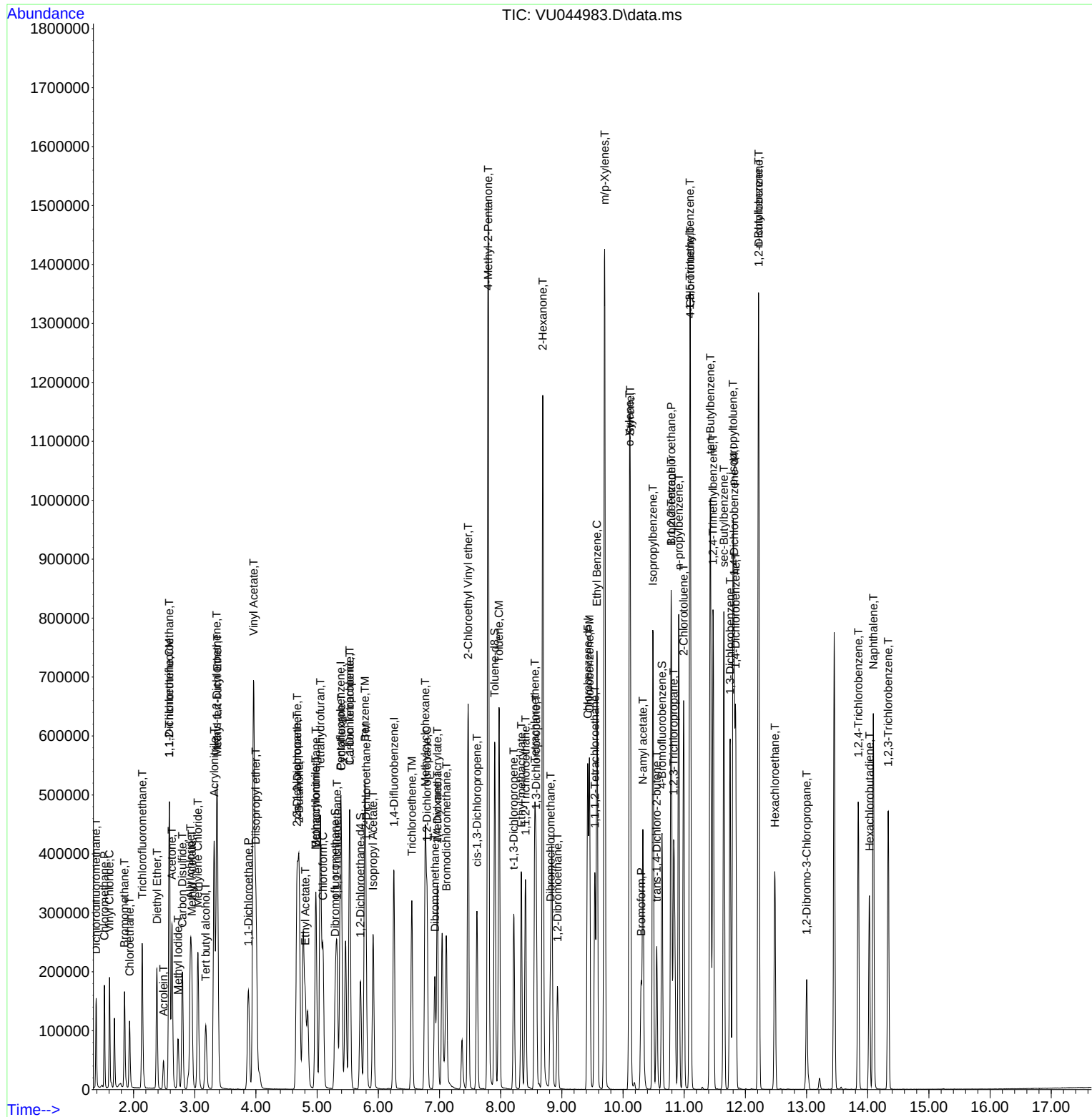
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
Data File : VU044983.D
Acq On : 29 Sep 2021 09:00
Operator : SY/MD
Sample : VSTDECC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 57 Sample Multiplier: 1

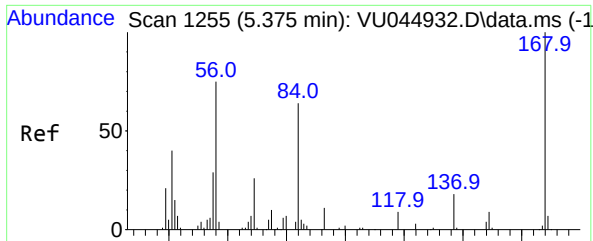
Instrument :
MSVOA_U
ClientSampleId :
VSTDECC050EC

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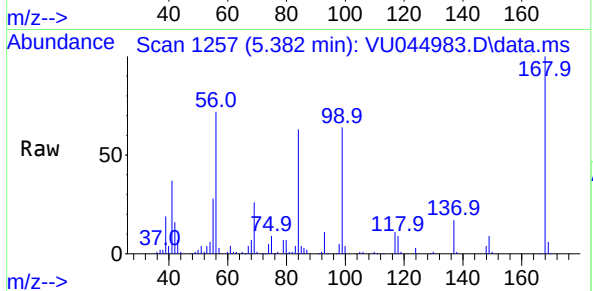
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.382 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

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ClientSampleId :

VSTDCCC050EC

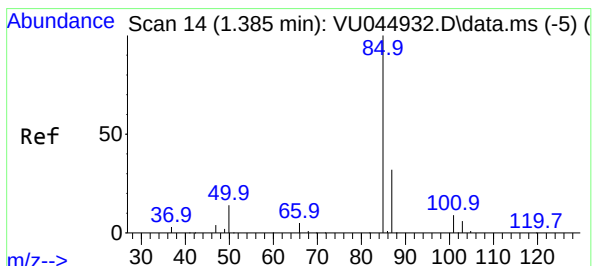
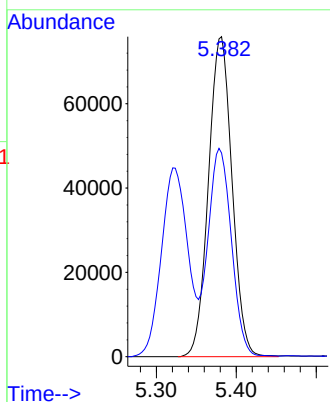
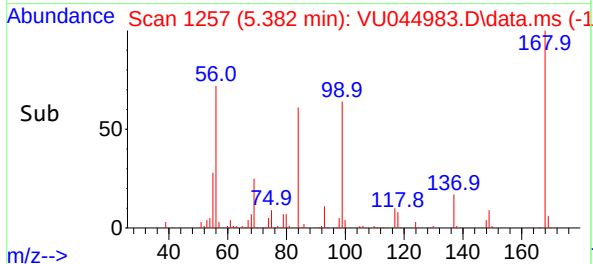


Tgt Ion:168 Resp: 155294
Ion Ratio Lower Upper
168 100
99 63.4 51.4 77.0

Manual Integrations

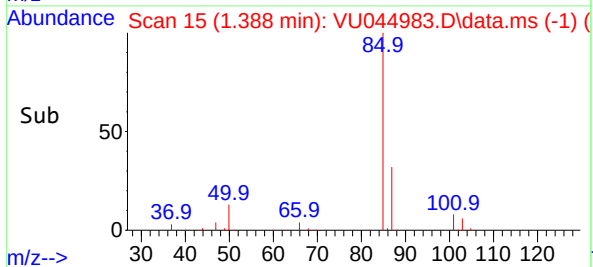
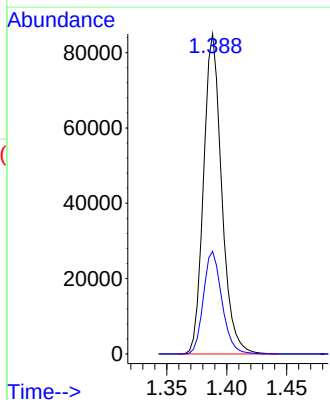
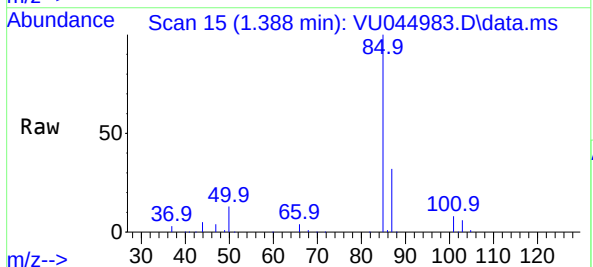
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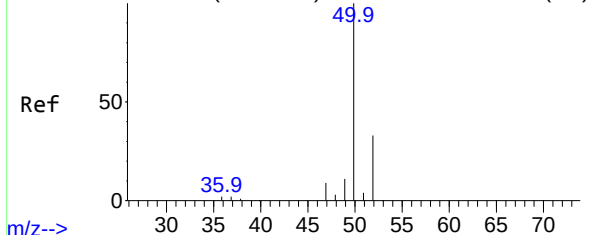


#2
Dichlorodifluoromethane
Concen: 46.559 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion: 85 Resp: 89534
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0



Abundance Scan 56 (1.520 min): VU044932.D\data.ms (-47)



#3

Chloromethane

Concen: 43.819 ug/l

RT: 1.523 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 109150

Ion Ratio Lower Upper

50 100

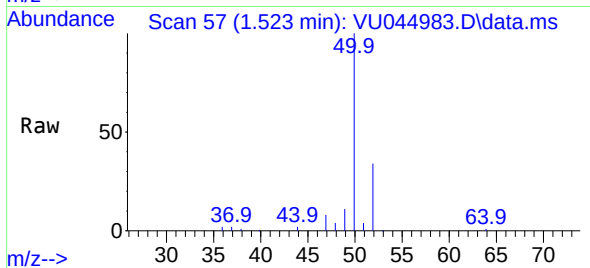
52 33.9 26.3 39.5

Manual Integrations

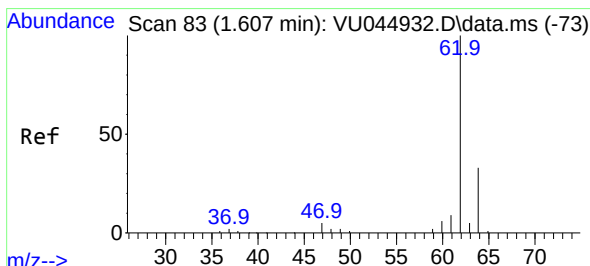
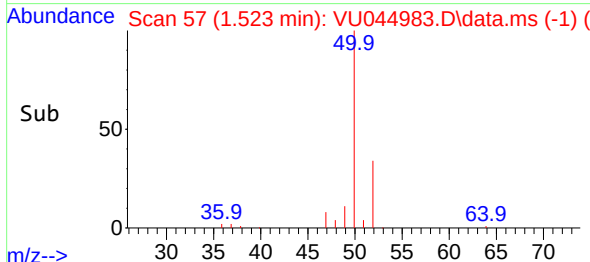
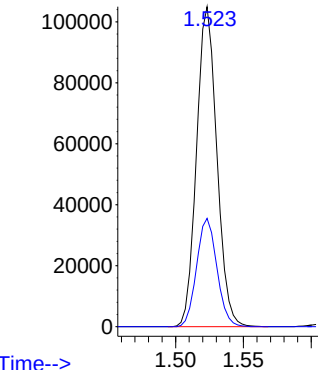
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Abundance



#4

Vinyl Chloride

Concen: 48.646 ug/l

RT: 1.607 min Scan# 83

Delta R.T. -0.000 min

Lab File: VU044983.D

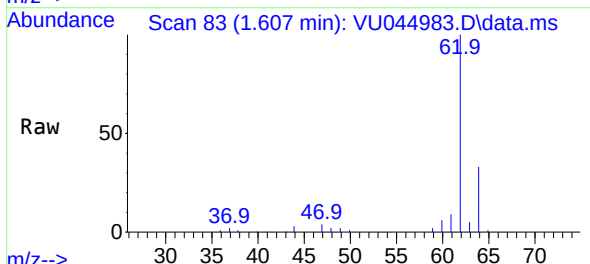
Acq: 29 Sep 2021 09:00

Tgt Ion: 62 Resp: 120991

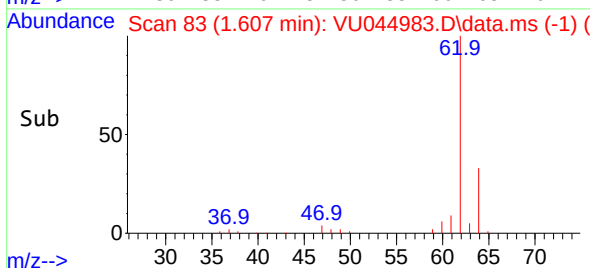
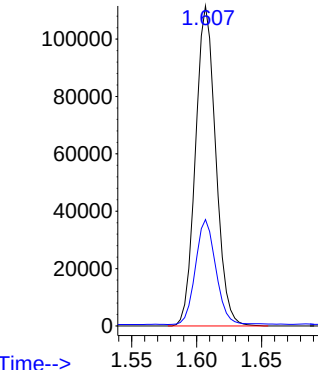
Ion Ratio Lower Upper

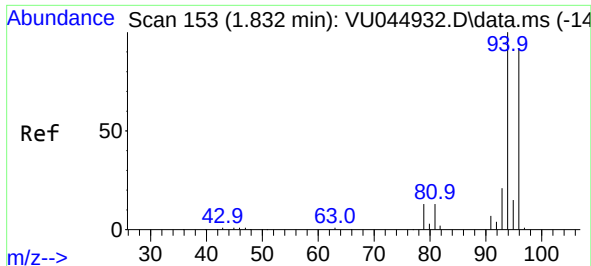
62 100

64 32.8 25.6 38.4



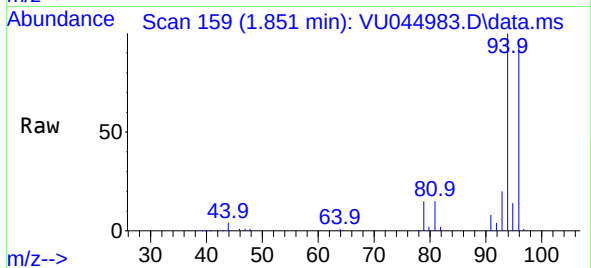
Abundance





#5
Bromomethane
Concen: 80.547 ug/l
RT: 1.851 min Scan# 11
Delta R.T. 0.019 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

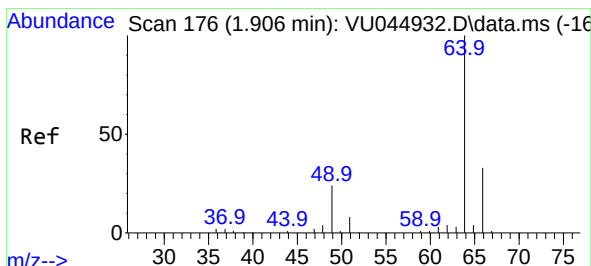
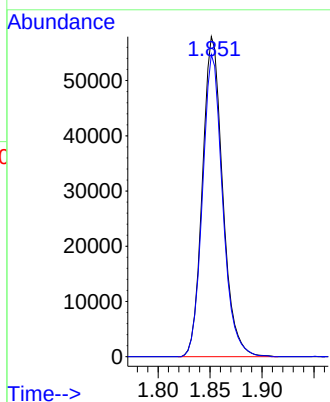
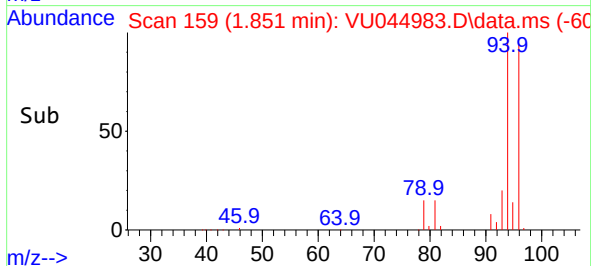
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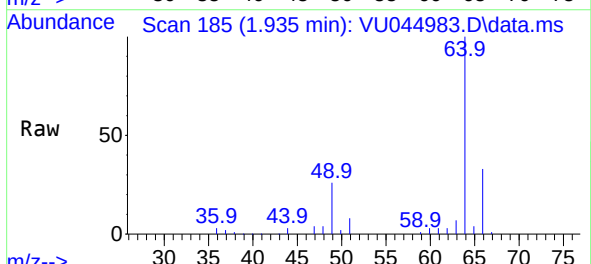
Tgt Ion: 94 Resp: 7858
Ion Ratio Lower Upper
94 100
96 94.4 74.5 111.7

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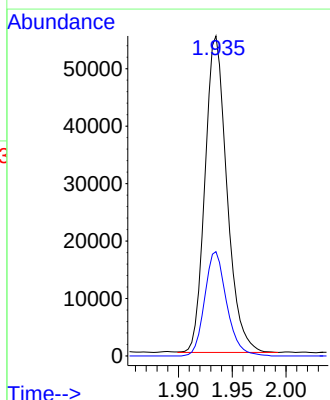
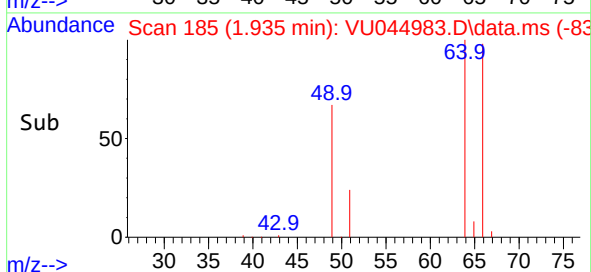
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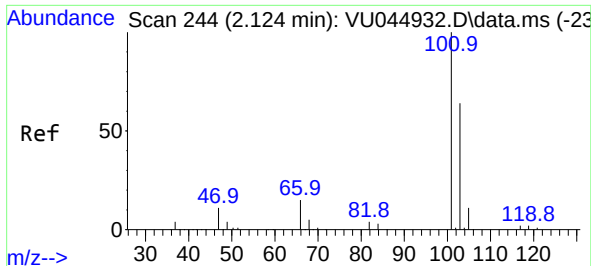


#6
Chloroethane
Concen: 40.863 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.029 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00



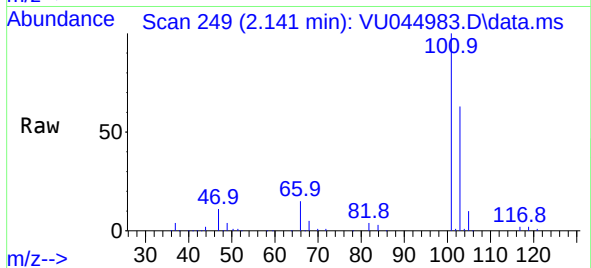
Tgt Ion: 64 Resp: 78076
Ion Ratio Lower Upper
64 100
66 33.0 25.8 38.8





#7
Trichlorofluoromethane
Concen: 47.543 ug/l
RT: 2.141 min Scan# 244
Delta R.T. 0.017 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

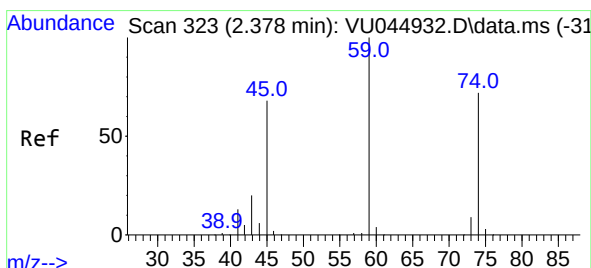
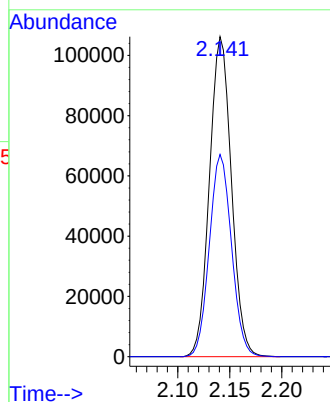
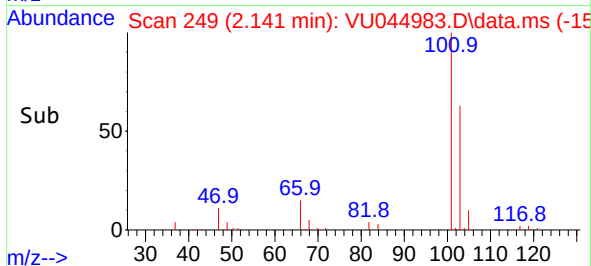
Instrument :
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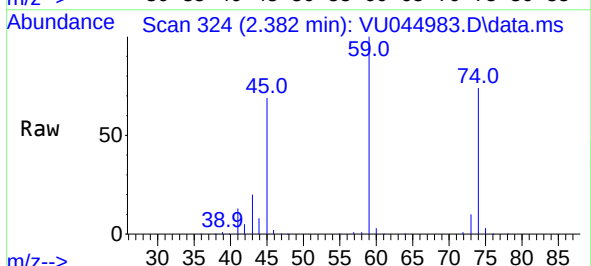
Tgt Ion:101 Resp: 156150
Ion Ratio Lower Upper
101 100
103 63.2 51.2 76.8

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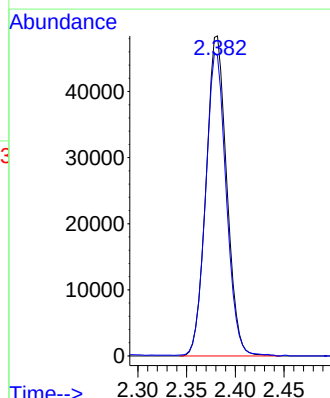
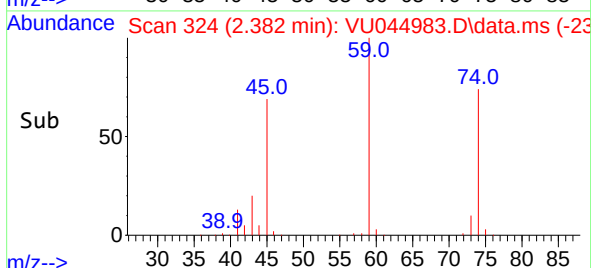
Reviewed By :John Carlone 09/29/2021
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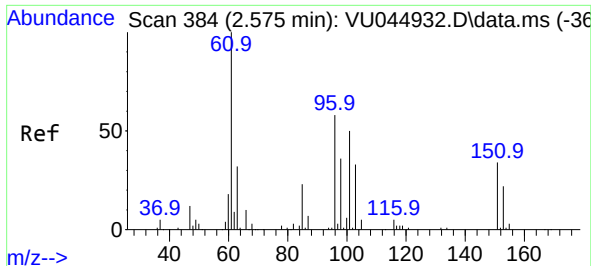


#8
Diethyl Ether
Concen: 47.580 ug/l
RT: 2.382 min Scan# 324
Delta R.T. 0.004 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00



Tgt Ion: 74 Resp: 71620
Ion Ratio Lower Upper
74 100
45 94.4 52.2 156.6





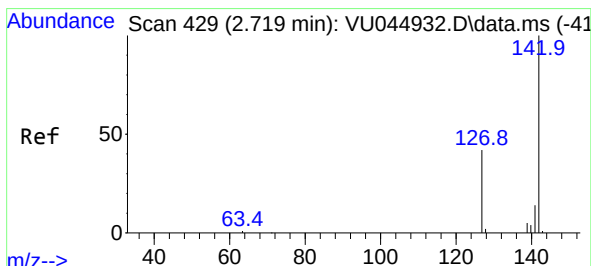
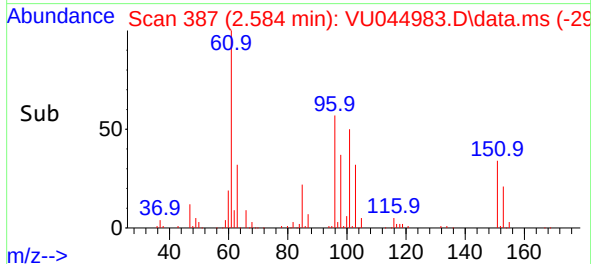
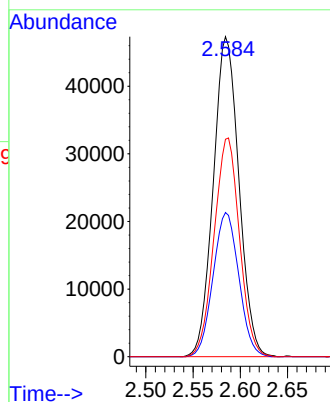
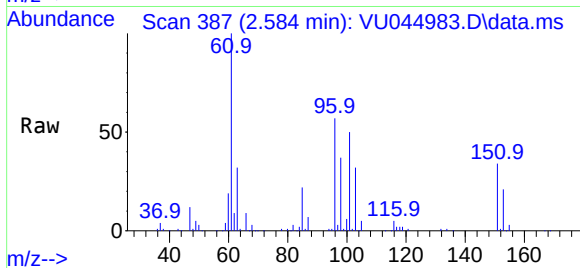
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.761 ug/l
RT: 2.584 min Scan# 384
Delta R.T. 0.009 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 89210
Ion Ratio Lower Upper
101 100
85 45.2 37.2 55.8
151 67.8 55.8 83.8

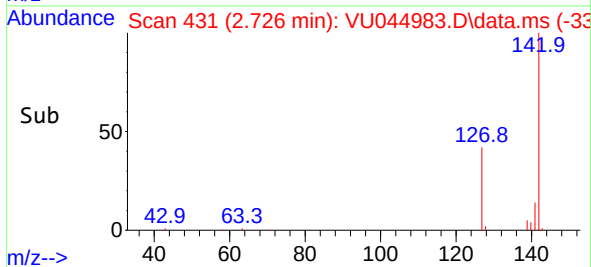
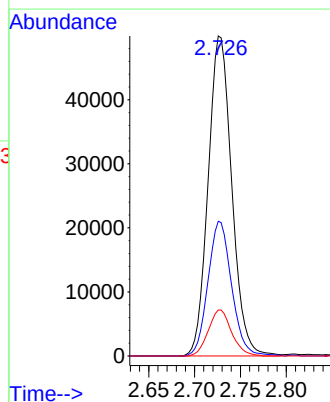
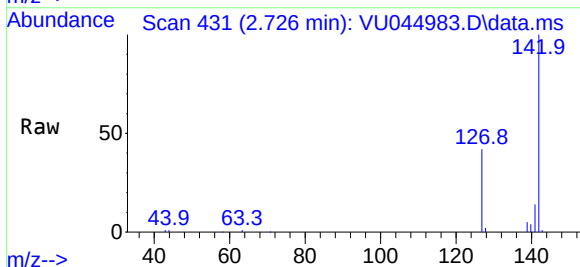
Manual Integrations
APPROVED

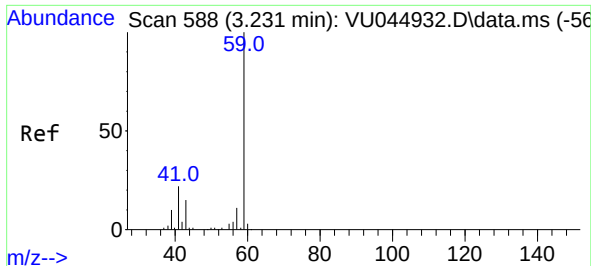
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#10
Methyl Iodide
Concen: 45.007 ug/l
RT: 2.726 min Scan# 431
Delta R.T. 0.007 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

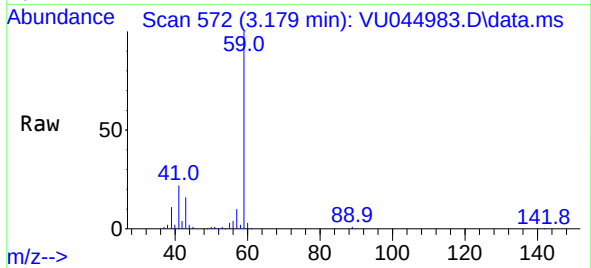
Tgt Ion:142 Resp: 89731
Ion Ratio Lower Upper
142 100
127 42.0 35.6 53.4
141 14.2 11.3 16.9





#11
Tert butyl alcohol
Concen: 174.415 ug/l
RT: 3.179 min Scan# 51
Delta R.T. -0.052 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

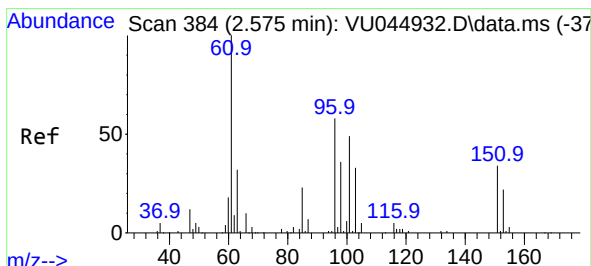
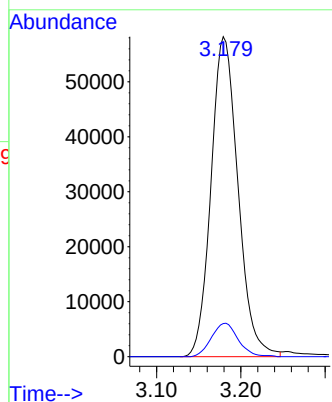
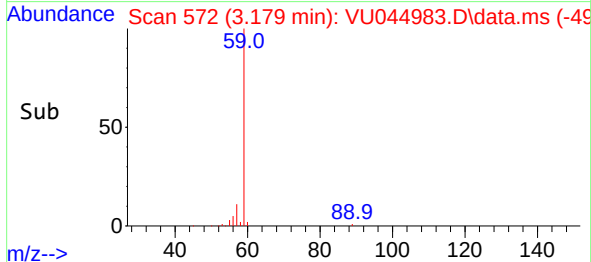
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



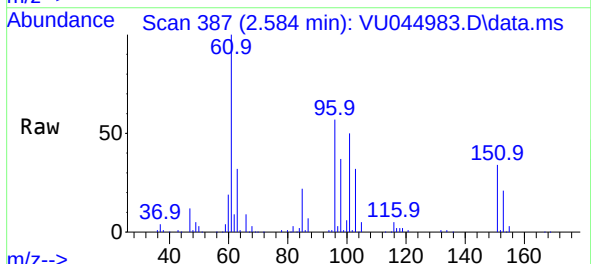
Tgt Ion: 59 Resp: 12940
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

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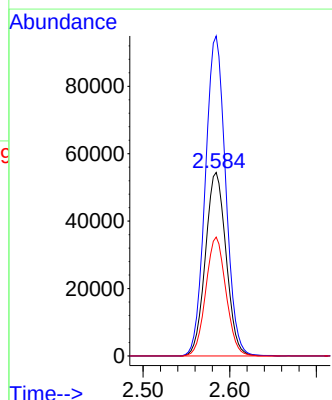
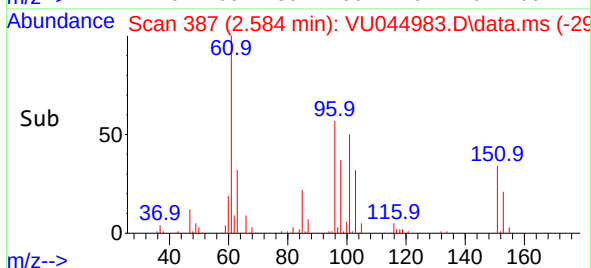
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

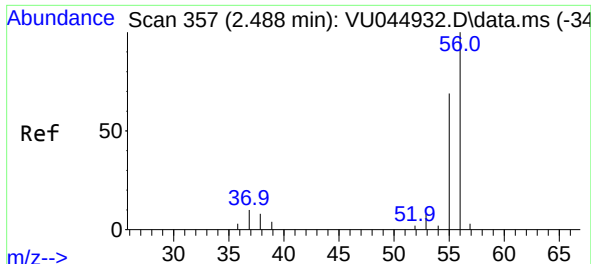


#12
1,1-Dichloroethene
Concen: 49.103 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.009 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00



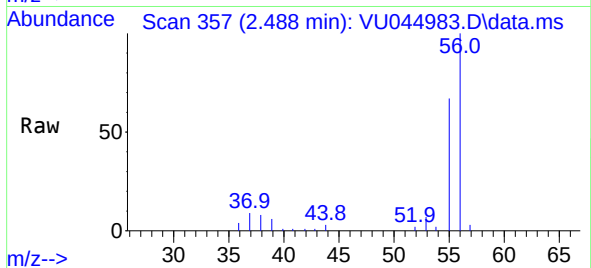
Tgt Ion: 96 Resp: 90408
Ion Ratio Lower Upper
96 100
61 174.4 145.4 218.0
98 64.8 50.9 76.3





#13
Acrolein
Concen: 245.564 ug/l
RT: 2.488 min Scan# 357
Delta R.T. -0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

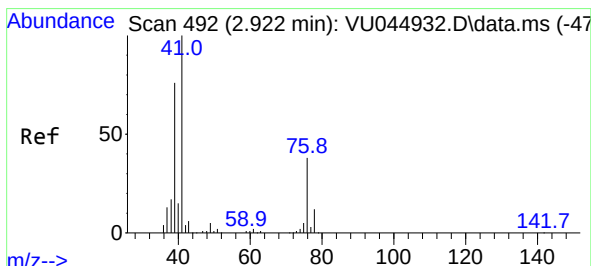
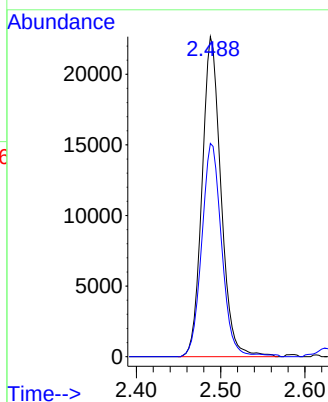
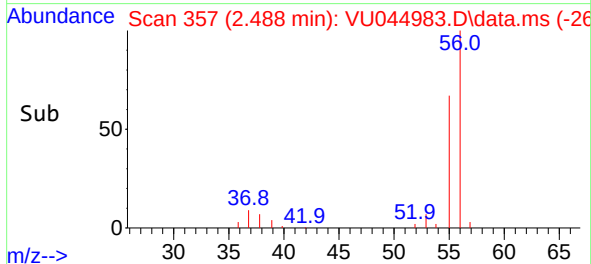
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



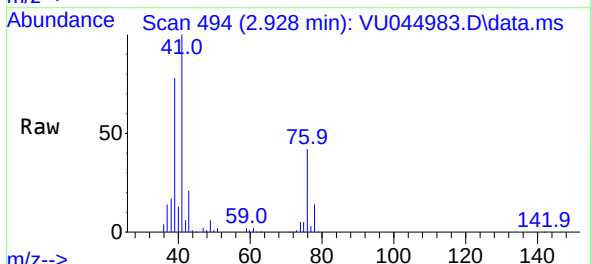
Tgt Ion: 56 Resp: 3551
Ion Ratio Lower Upper
56 100
55 69.4 57.4 86.0

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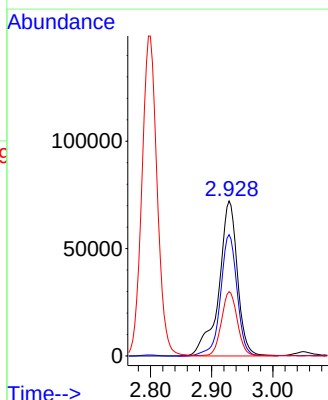
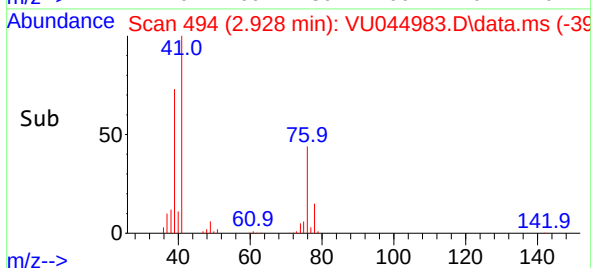
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

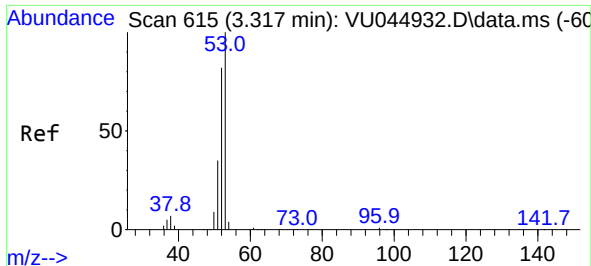


#14
Allyl chloride
Concen: 44.765 ug/l
RT: 2.928 min Scan# 494
Delta R.T. 0.006 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00



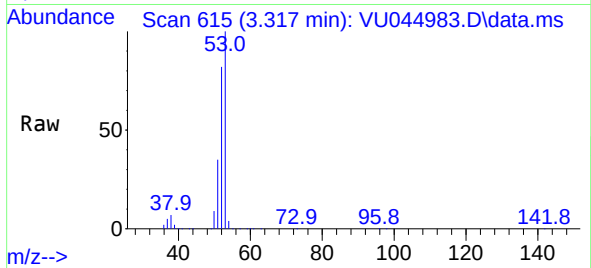
Tgt Ion: 41 Resp: 152531
Ion Ratio Lower Upper
41 100
39 69.4 53.0 79.6
76 35.3 25.7 38.5





#15
Acrylonitrile
Concen: 235.856 ug/l
RT: 3.317 min Scan# 615
Delta R.T. 0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

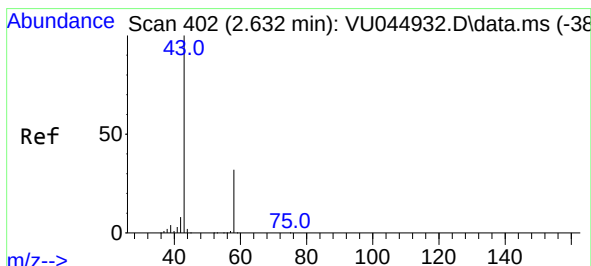
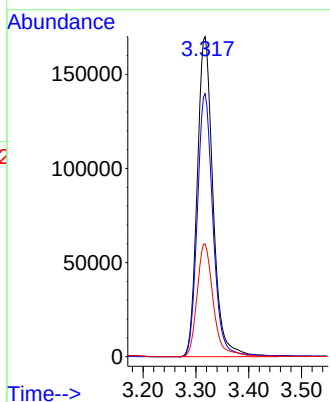
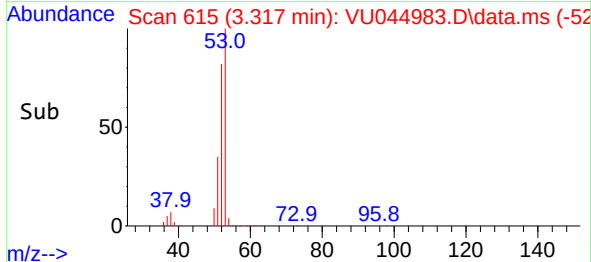
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



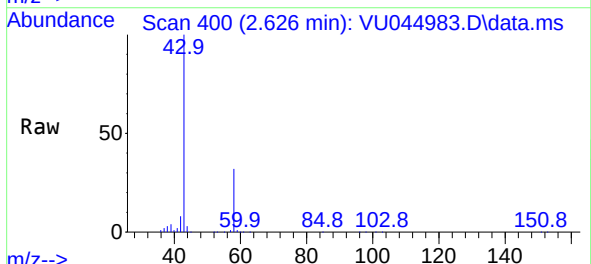
Tgt Ion: 53 Resp: 352909
Ion Ratio Lower Upper
53 100
52 81.8 66.0 99.0
51 36.3 28.6 42.8

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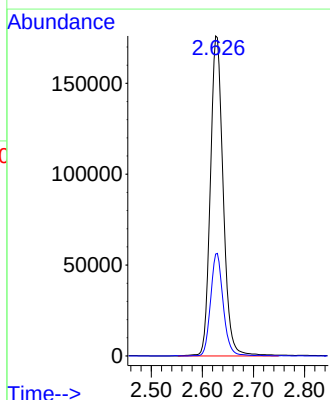
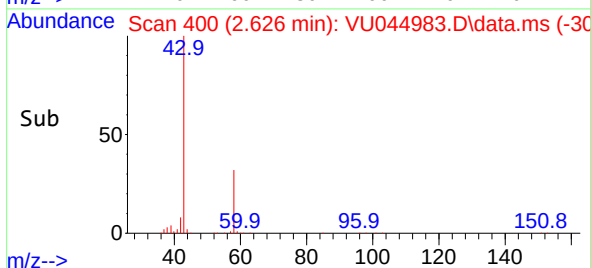
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

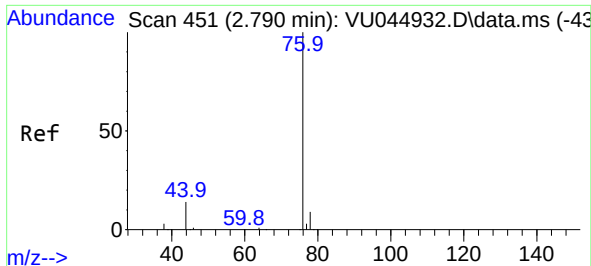


#16
Acetone
Concen: 199.887 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.006 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00



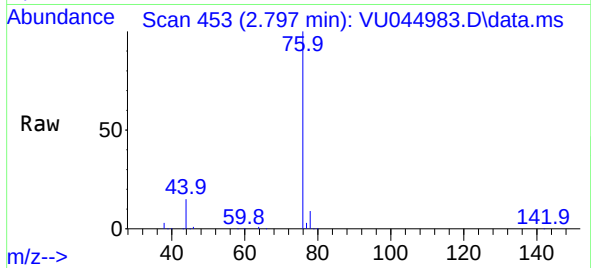
Tgt Ion: 43 Resp: 306715
Ion Ratio Lower Upper
43 100
58 31.8 25.2 37.8





#17
Carbon Disulfide
Concen: 47.529 ug/l
RT: 2.797 min Scan# 41
Delta R.T. 0.006 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

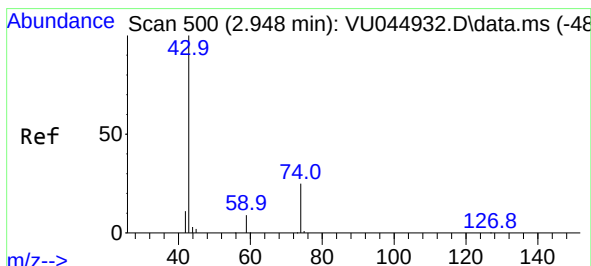
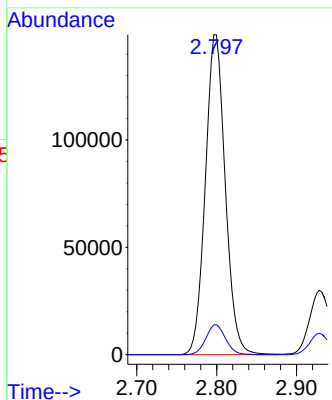
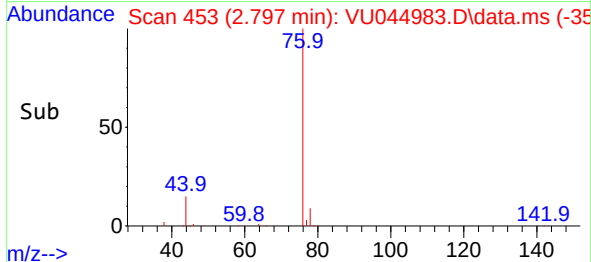
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



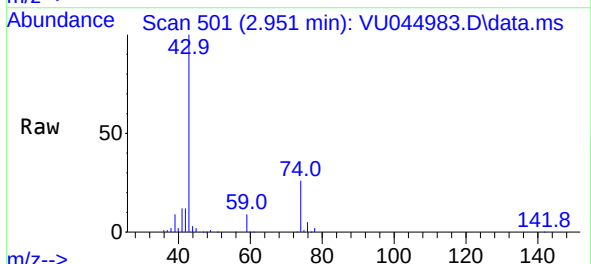
Tgt Ion: 76 Resp: 258320
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

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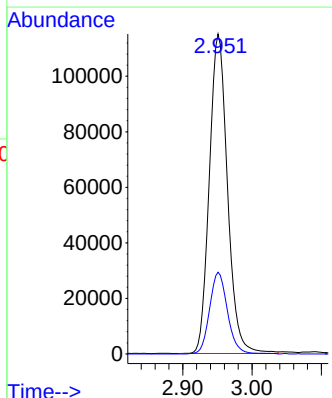
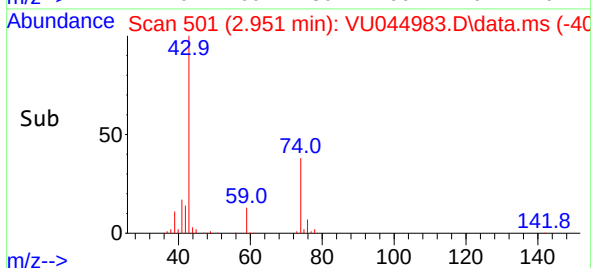
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

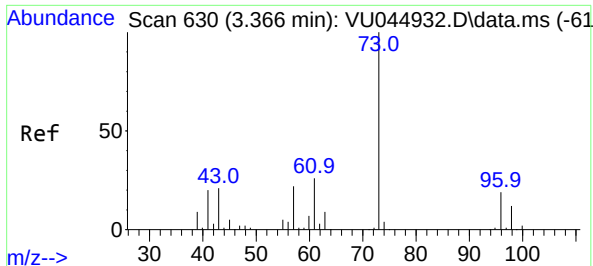


#18
Methyl Acetate
Concen: 46.644 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00



Tgt Ion: 43 Resp: 209185
Ion Ratio Lower Upper
43 100
74 25.3 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 47.522 ug/l

RT: 3.369 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 33776

Ion Ratio Lower Upper

73 100

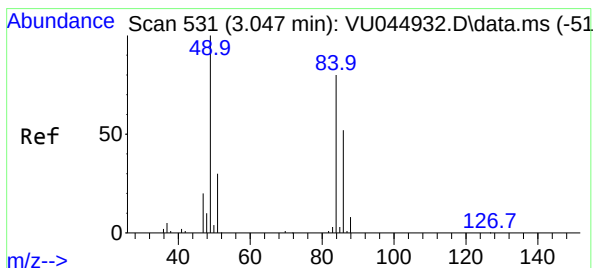
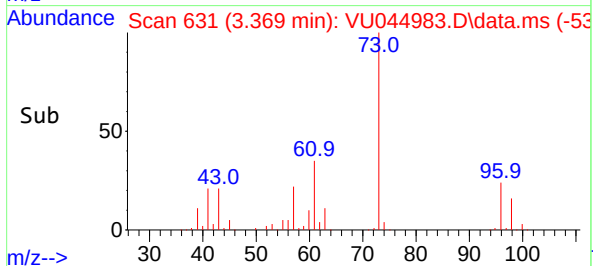
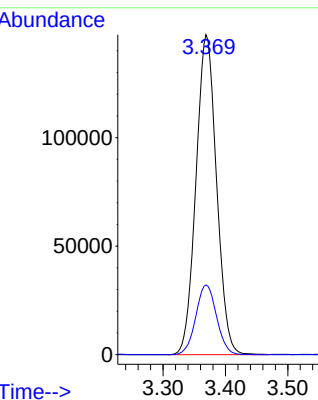
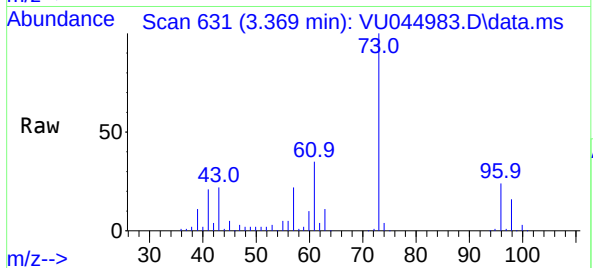
57 21.8 18.2 27.2

Manual Integrations

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Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#20

Methylene Chloride

Concen: 47.184 ug/l

RT: 3.051 min Scan# 532

Delta R.T. 0.003 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Tgt Ion: 84 Resp: 109053

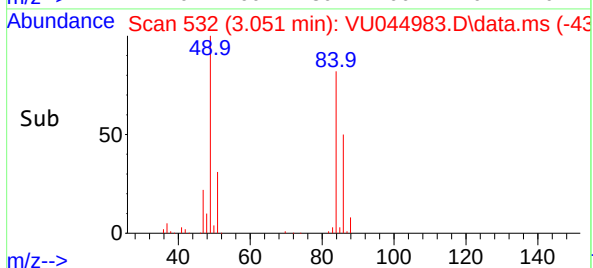
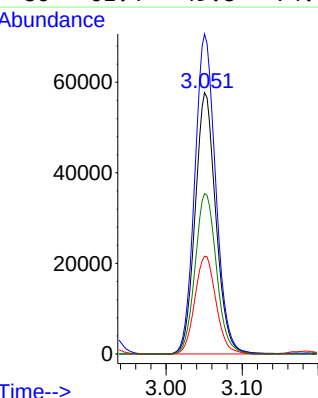
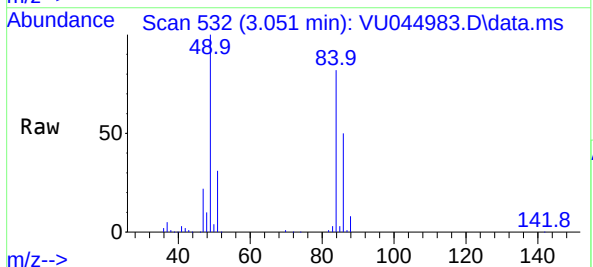
Ion Ratio Lower Upper

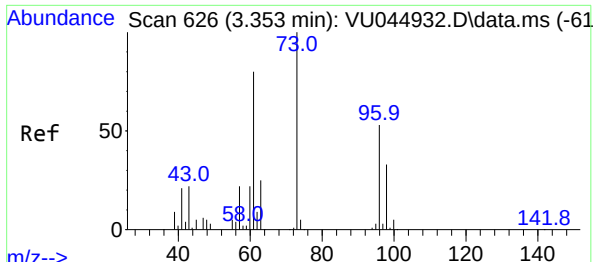
84 100

49 122.5 104.9 157.3

51 37.4 31.8 47.8

86 61.4 49.8 74.6





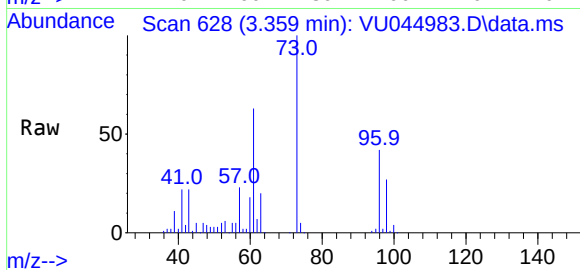
#21
trans-1,2-Dichloroethene
Concen: 48.478 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

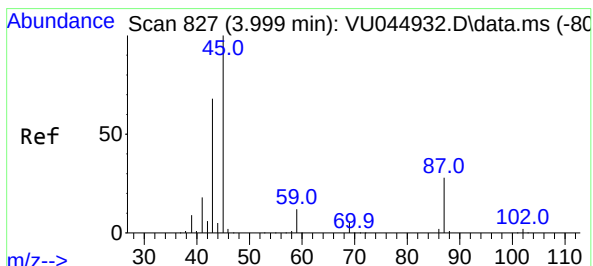
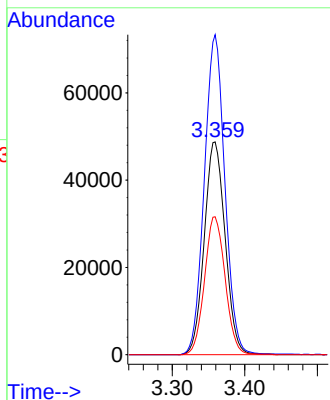
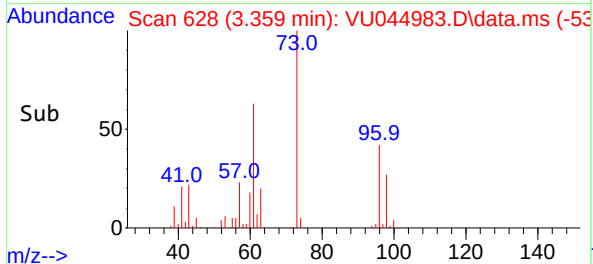


Tgt Ion: 96 Resp: 9764
Ion Ratio Lower Upper
96 100
61 150.4 123.2 184.8
98 64.8 51.0 76.6

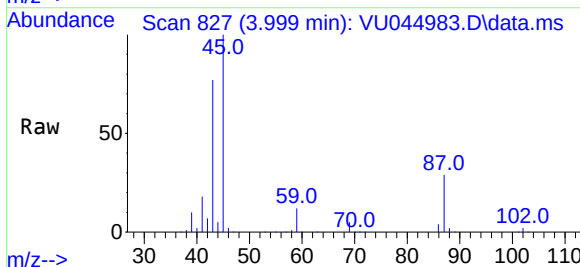
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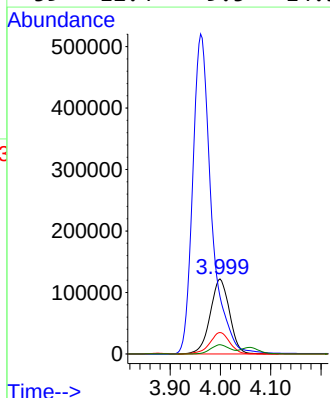
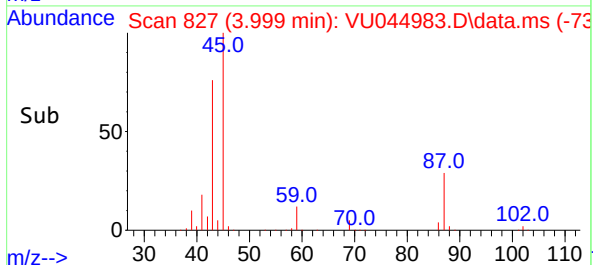
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

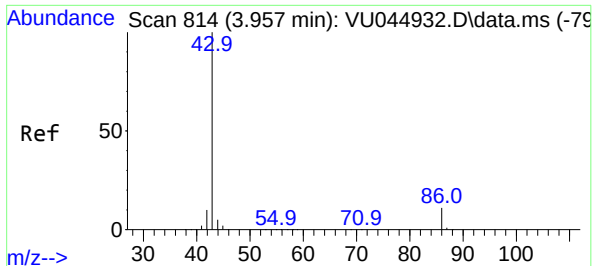


#22
Diisopropyl ether
Concen: 46.812 ug/l
RT: 3.999 min Scan# 827
Delta R.T. 0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00



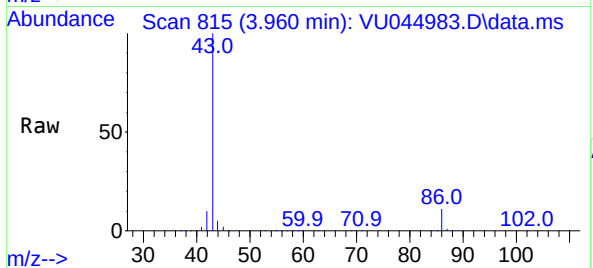
Tgt Ion: 45 Resp: 325649
Ion Ratio Lower Upper
45 100
43 75.6 62.3 93.5
87 28.6 21.0 31.4
59 12.4 9.5 14.3





#23
 Vinyl Acetate
 Concen: 238.681 ug/l
 RT: 3.960 min Scan# 814
 Delta R.T. 0.003 min
 Lab File: VU044983.D
 Acq: 29 Sep 2021 09:00

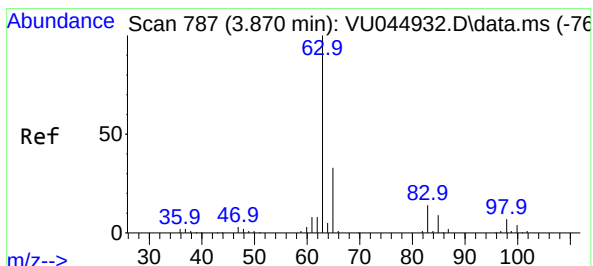
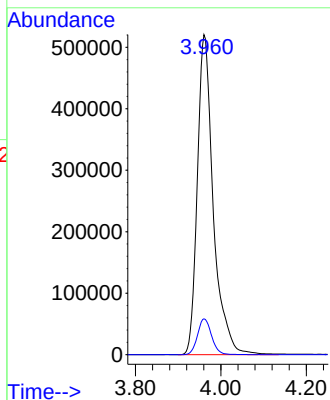
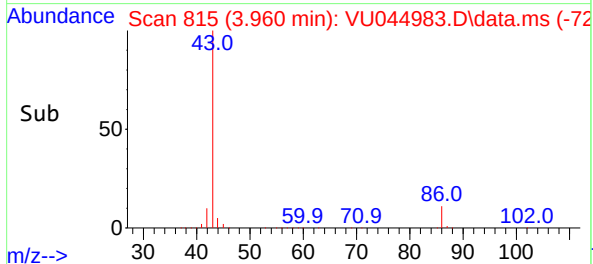
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



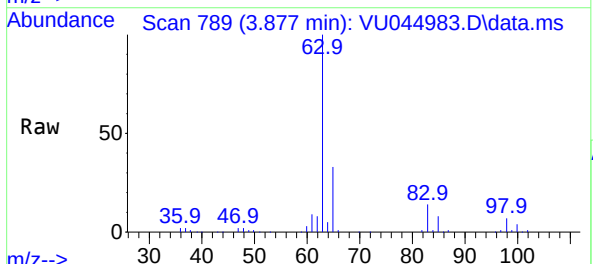
Tgt Ion: 43 Resp: 135041
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.2 12.4

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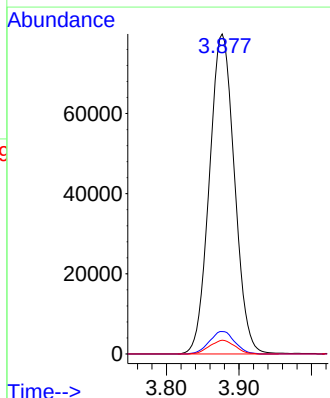
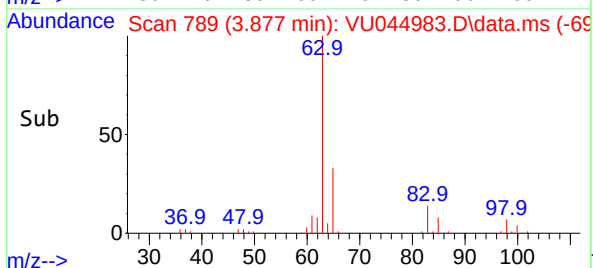
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021

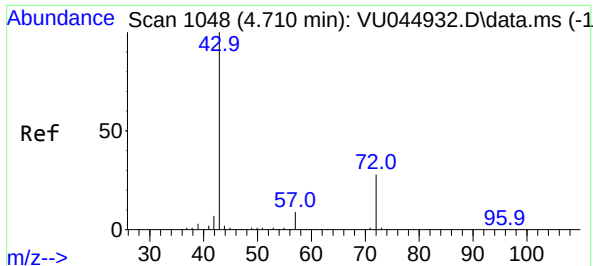


#24
 1,1-Dichloroethane
 Concen: 48.090 ug/l
 RT: 3.877 min Scan# 789
 Delta R.T. 0.007 min
 Lab File: VU044983.D
 Acq: 29 Sep 2021 09:00



Tgt Ion: 63 Resp: 192050
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.3 2.1 6.3





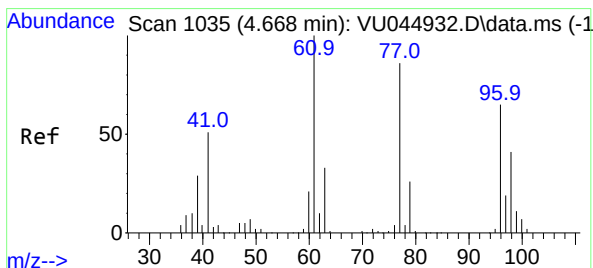
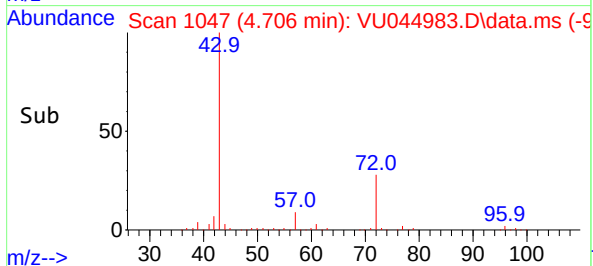
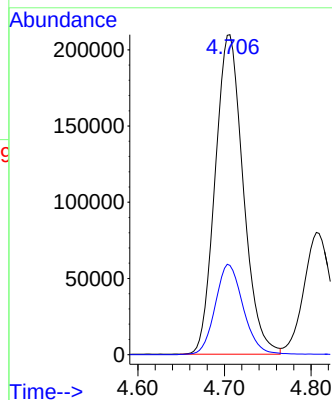
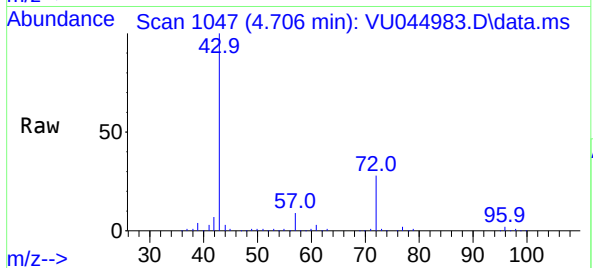
#25
2-Butanone
Concen: 216.479 ug/l
RT: 4.706 min Scan# 1047
Delta R.T. -0.004 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 47194
Ion Ratio Lower Upper
43 100
72 27.9 21.3 31.9

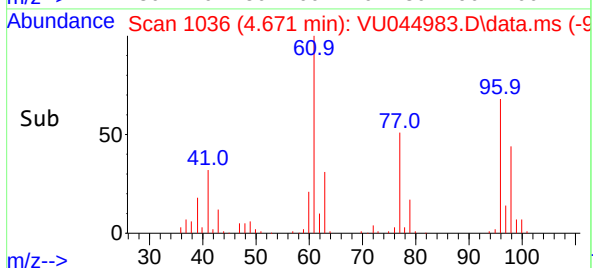
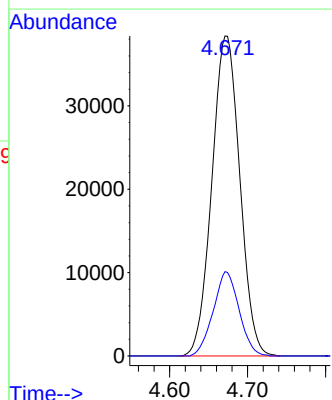
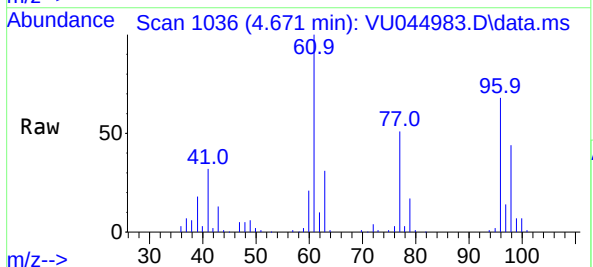
Manual Integrations
APPROVED

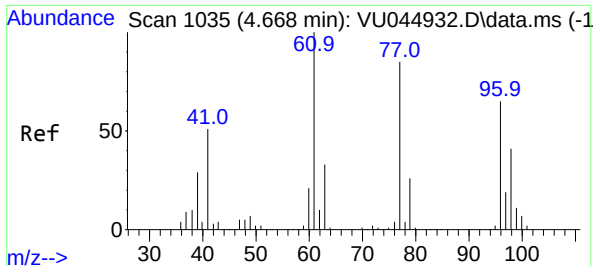
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#26
2,2-Dichloropropane
Concen: 28.305 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion: 77 Resp: 95566
Ion Ratio Lower Upper
77 100
97 24.4 10.8 32.4





cis-1,2-Dichloroethene
Concen: 48.089 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

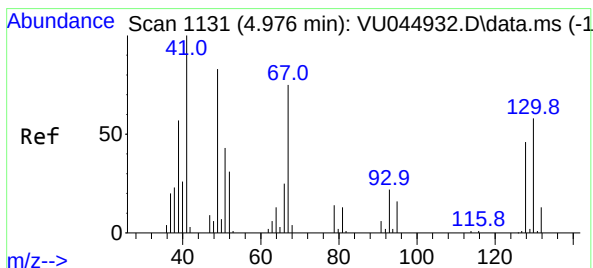
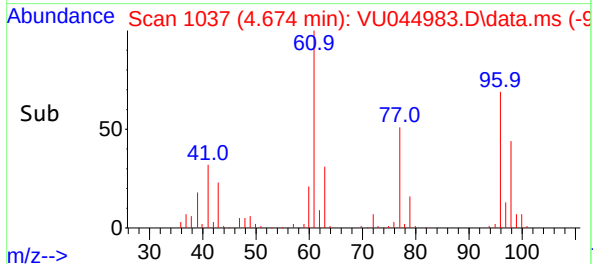
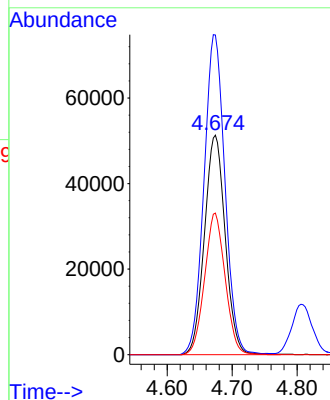
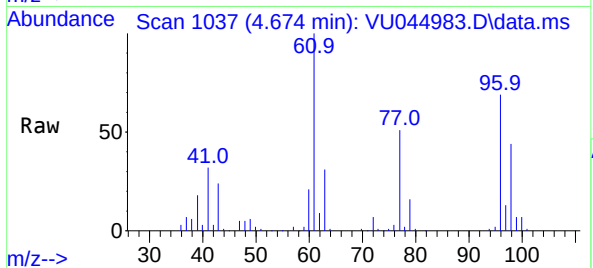
VSTDCCC050EC

Tgt Ion: 96 Resp: 114390
Ion Ratio Lower Upper
96 100
61 146.5 0.0 313.4
98 63.6 0.0 127.0

Manual Integrations

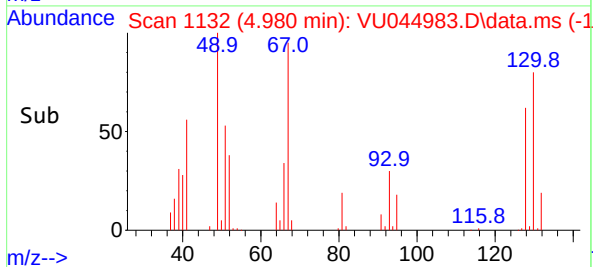
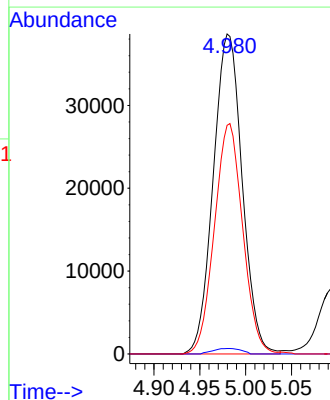
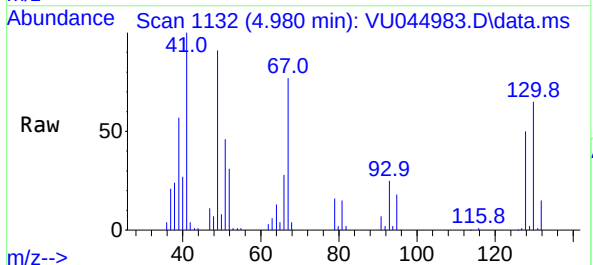
APPROVED

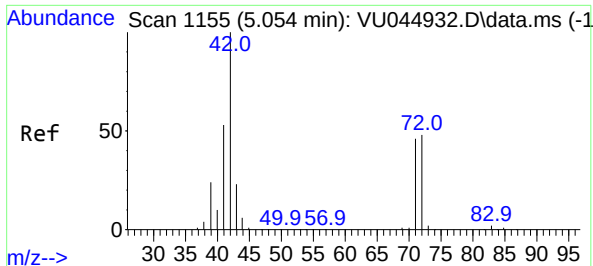
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



Bromochloromethane
Concen: 51.166 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.004 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion: 49 Resp: 84691
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.2
130 70.5 53.4 80.2





#29

Tetrahydrofuran

Concen: 234.086 ug/l

RT: 5.054 min Scan# 1155

Delta R.T. -0.000 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 303780

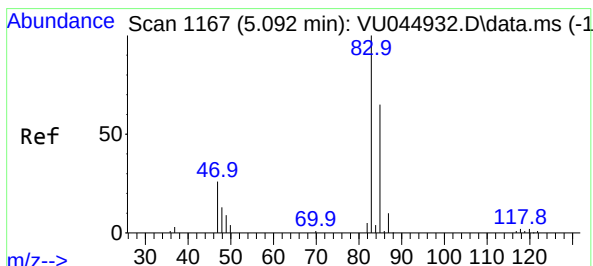
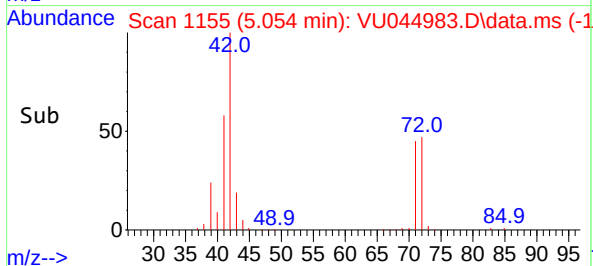
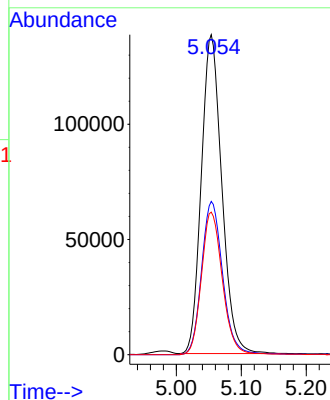
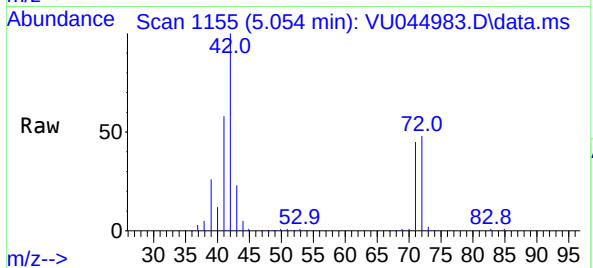
Ion	Ratio	Lower	Upper
42	100		
72	49.4	36.2	54.4
71	45.7	34.1	51.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#30

Chloroform

Concen: 47.631 ug/l

RT: 5.095 min Scan# 1168

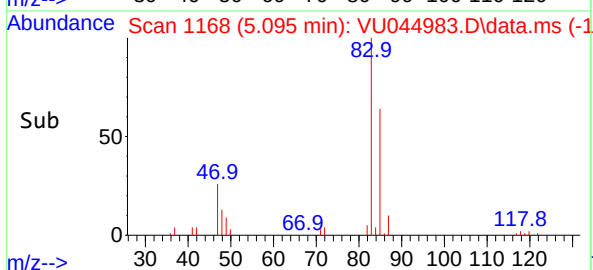
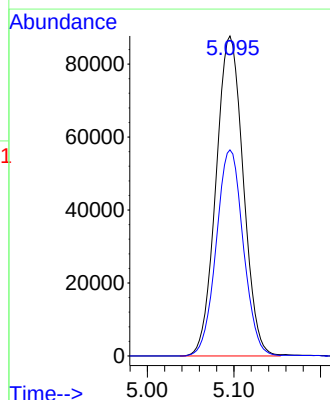
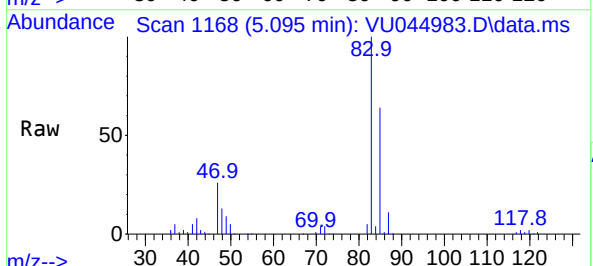
Delta R.T. 0.003 min

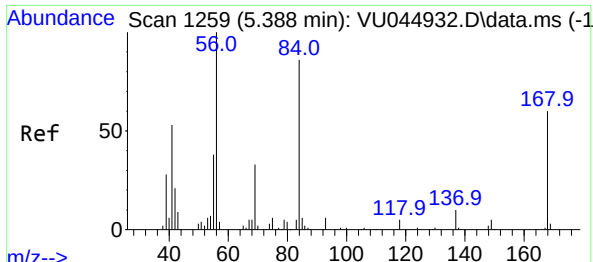
Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Tgt Ion: 83 Resp: 191716

Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.1	78.1





#31

Cyclohexane

Concen: 44.949 ug/l

RT: 5.394 min Scan# 1261

Delta R.T. 0.006 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 17650

Ion Ratio Lower Upper

56 100

69 33.1 25.2 37.8

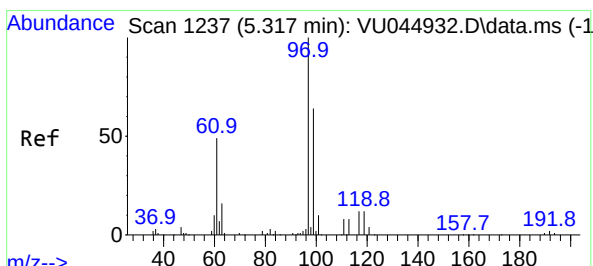
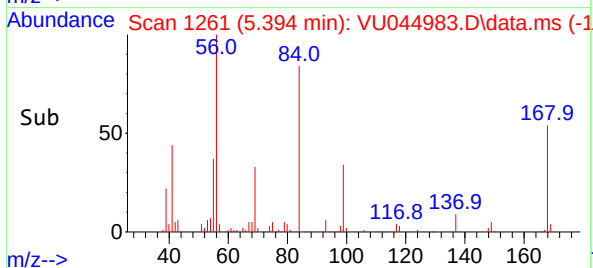
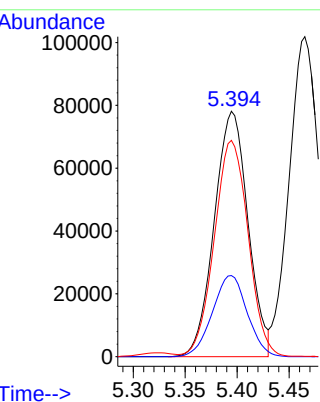
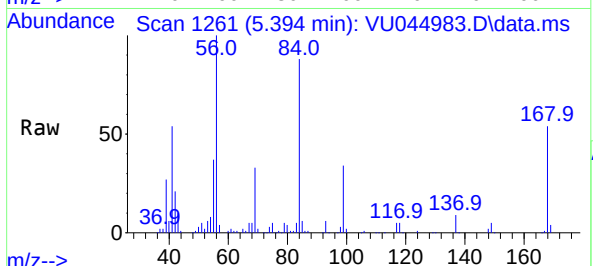
84 86.8 66.4 99.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#32

1,1,1-Trichloroethane

Concen: 48.231 ug/l

RT: 5.324 min Scan# 1239

Delta R.T. 0.007 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

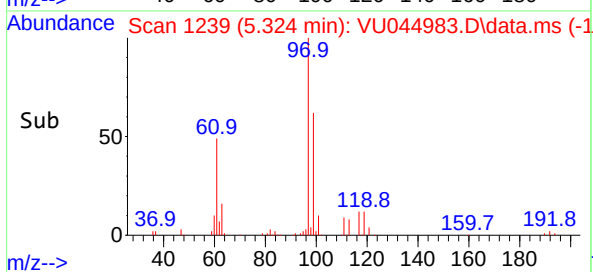
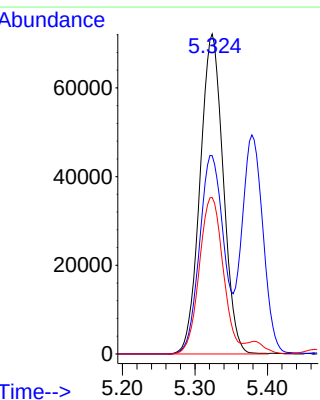
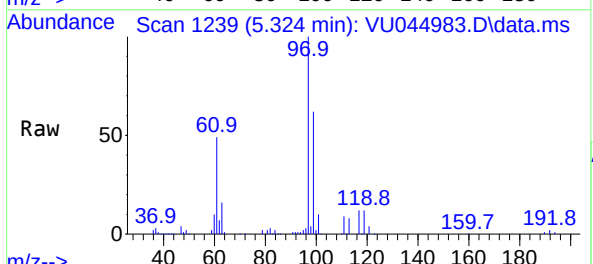
Tgt Ion: 97 Resp: 160180

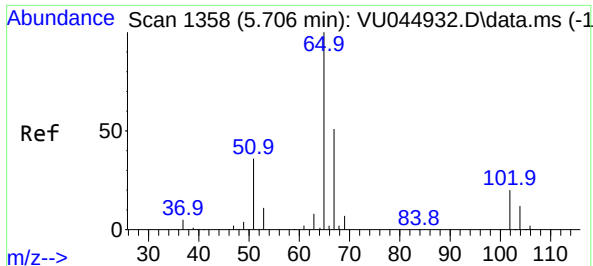
Ion Ratio Lower Upper

97 100

99 64.9 50.9 76.3

61 50.4 40.7 61.1





#33

1,2-Dichloroethane-d4

Concen: 50.566 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 13071

Ion Ratio Lower Upper

65 100

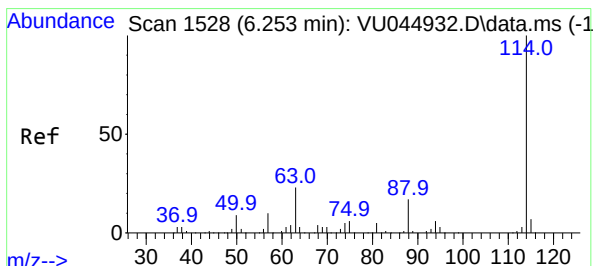
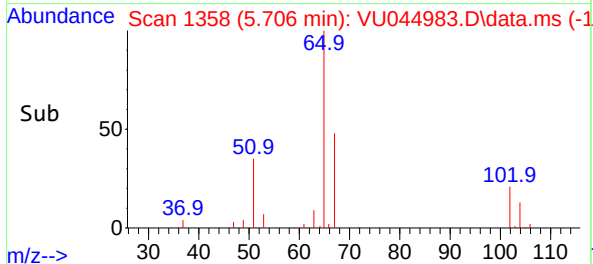
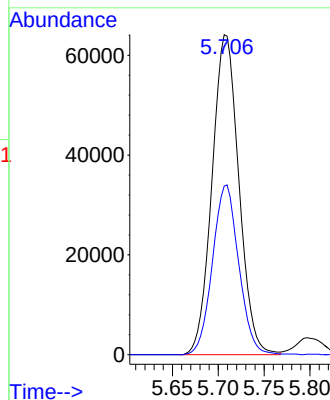
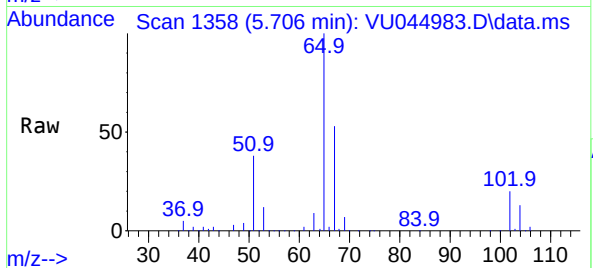
67 51.8 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.003 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

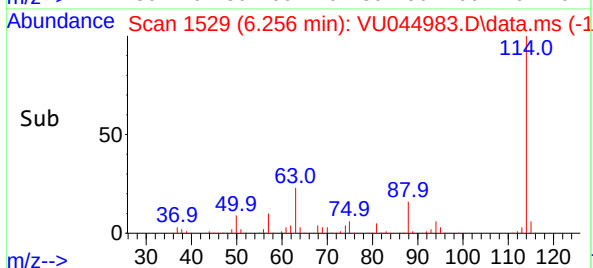
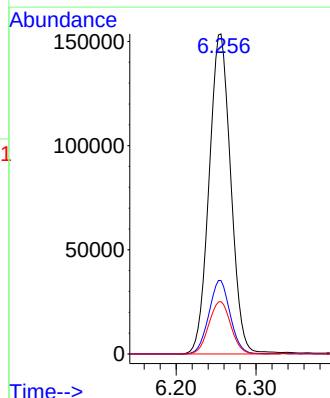
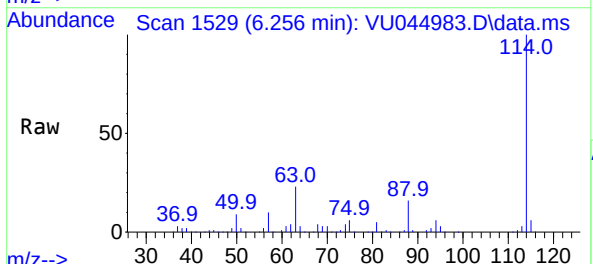
Tgt Ion:114 Resp: 288820

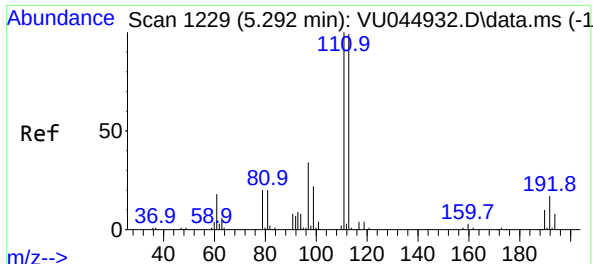
Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.8

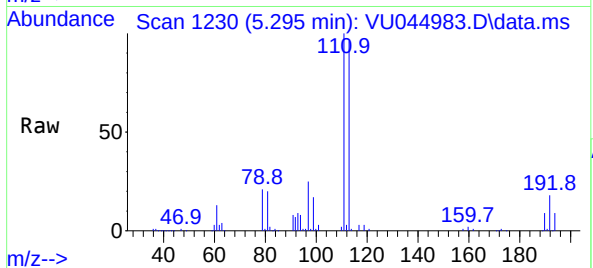
88 16.4 0.0 32.8





#35
Dibromofluoromethane
Concen: 50.441 ug/l
RT: 5.295 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

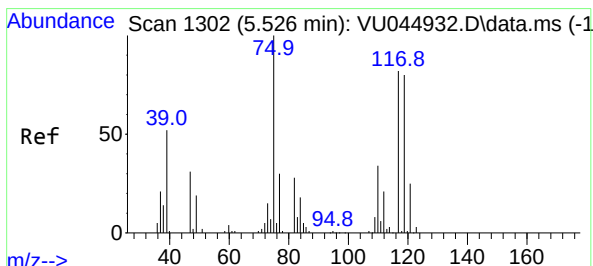
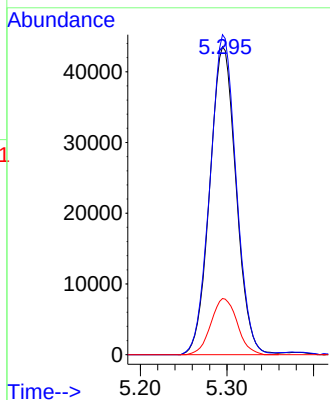
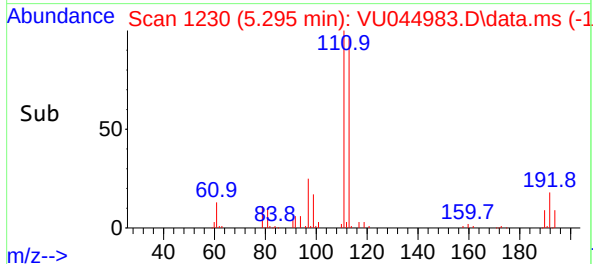
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 9190
Ion Ratio Lower Upper
113 100
111 103.4 84.1 126.1
192 18.2 14.8 22.2

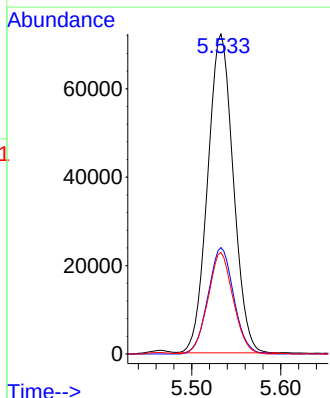
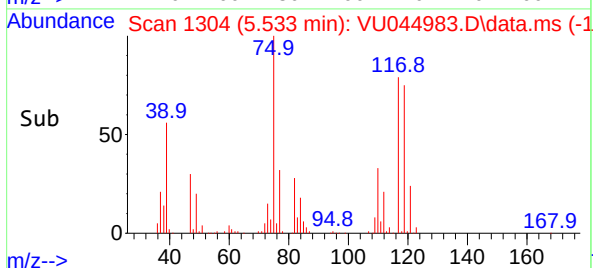
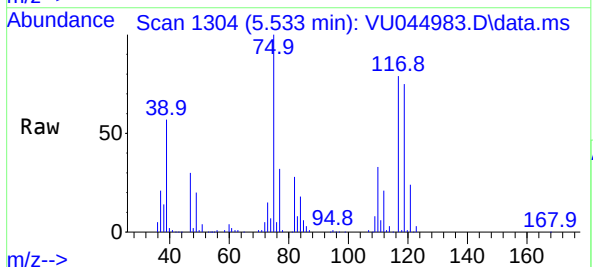
Manual Integrations
APPROVED

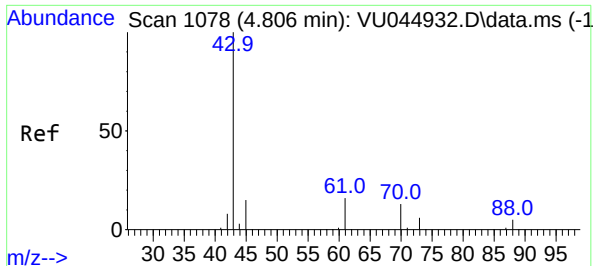
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#36
1,1-Dichloropropene
Concen: 47.649 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.007 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

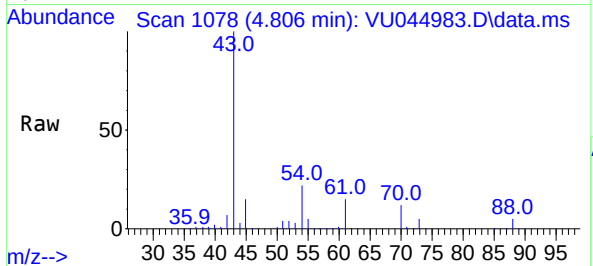
Tgt Ion: 75 Resp: 143919
Ion Ratio Lower Upper
75 100
110 33.5 16.3 48.9
77 31.4 25.0 37.4





#37
Ethyl Acetate
Concen: 45.275 ug/l
RT: 4.806 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

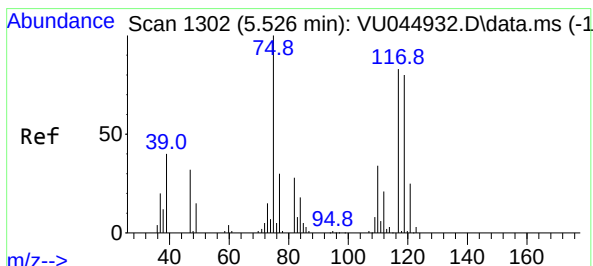
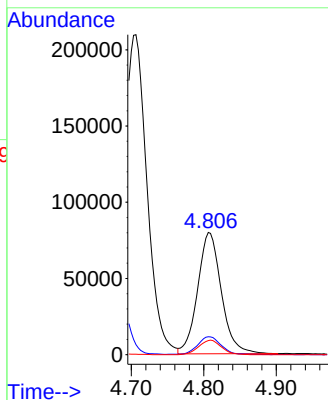
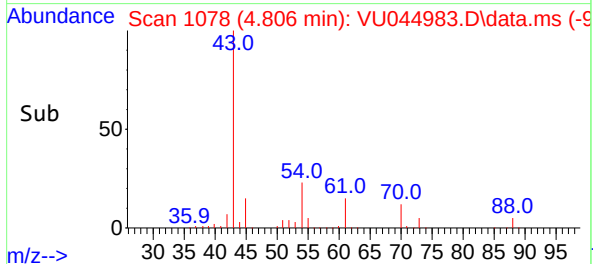
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 180932
Ion Ratio Lower Upper
43 100
61 14.8 10.9 16.3
70 11.4 8.2 12.4

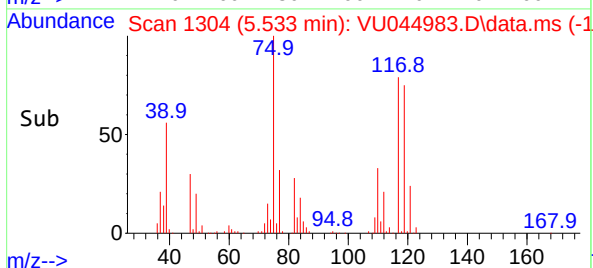
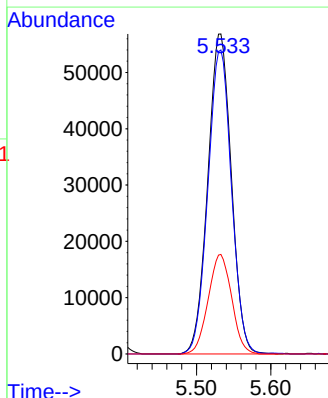
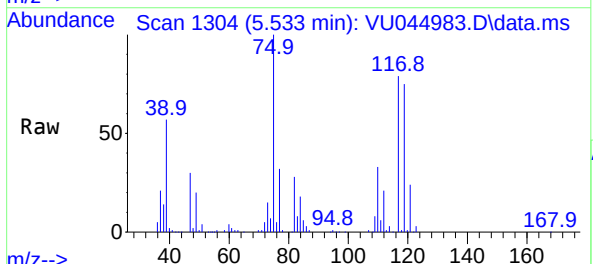
Manual Integrations
APPROVED

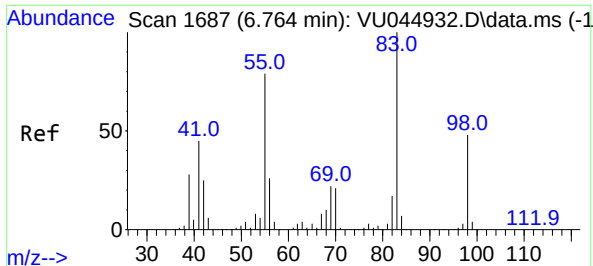
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#38
Carbon Tetrachloride
Concen: 47.838 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.007 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

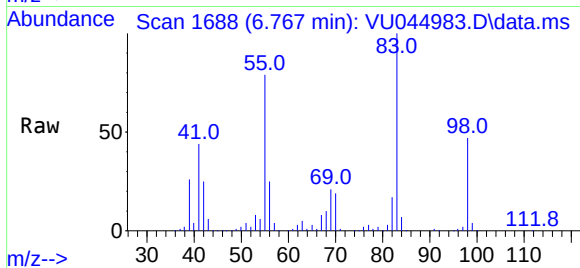
Tgt Ion:117 Resp: 125029
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.2
121 31.1 24.5 36.7





#39
Methylcyclohexane
Concen: 46.236 ug/l
RT: 6.767 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

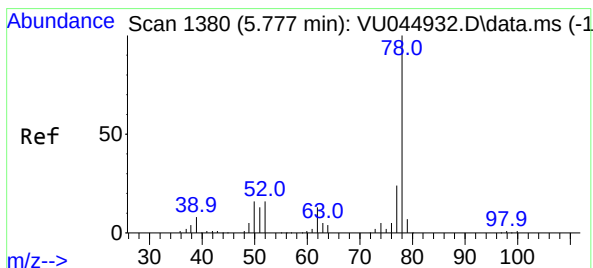
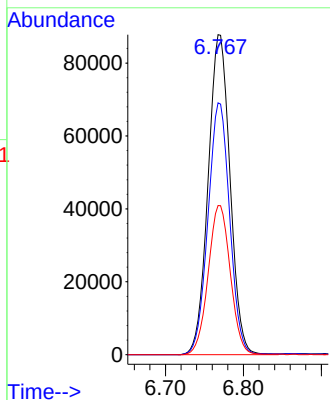
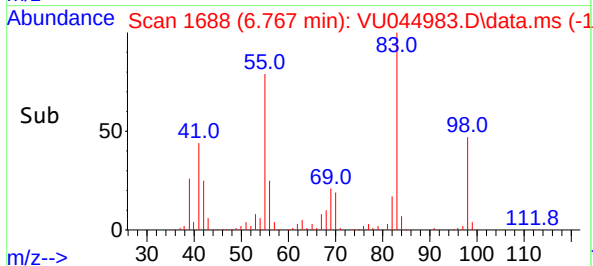
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



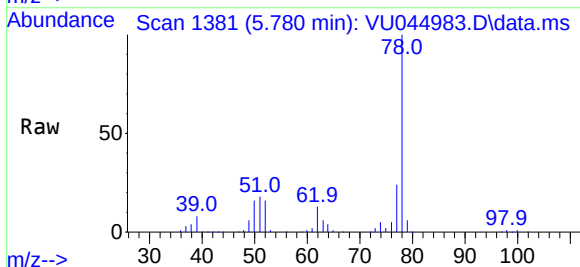
Tgt Ion: 83 Resp: 171436
Ion Ratio Lower Upper
83 100
55 78.7 66.2 99.4
98 46.6 37.5 56.3

Manual Integrations
APPROVED

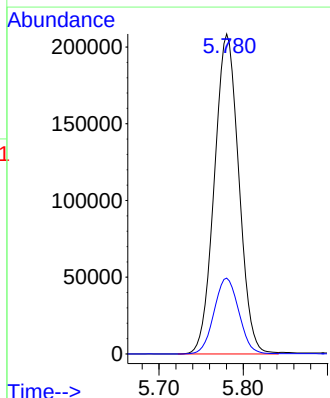
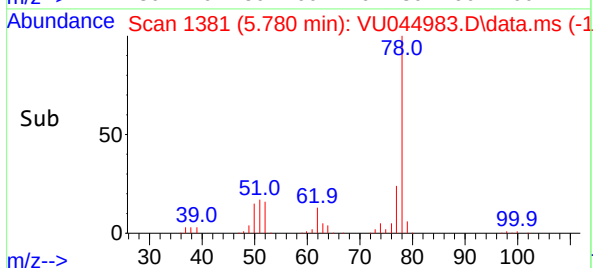
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

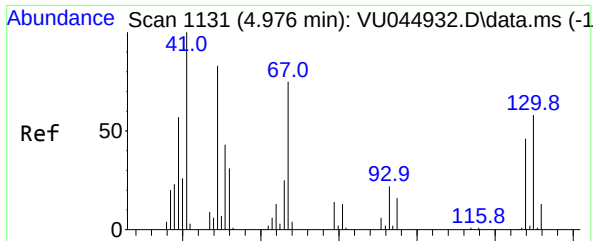


#40
Benzene
Concen: 46.619 ug/l
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00



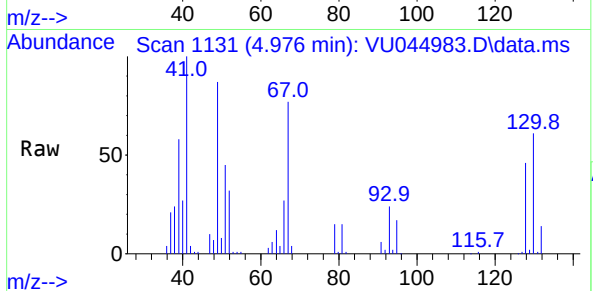
Tgt Ion: 78 Resp: 419375
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7





#41
Methacrylonitrile
Concen: 46.236 ug/l
RT: 4.976 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

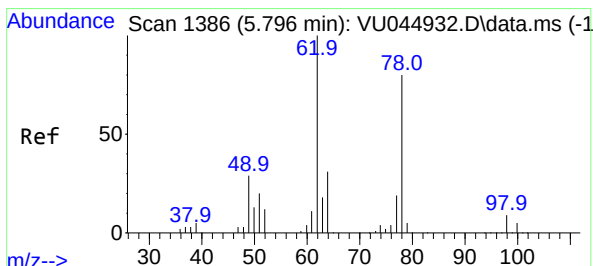
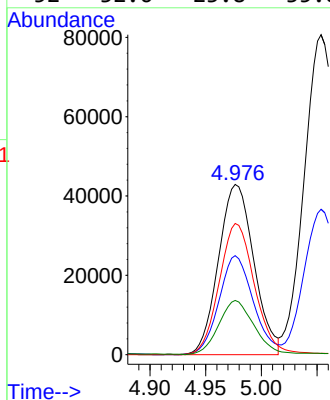
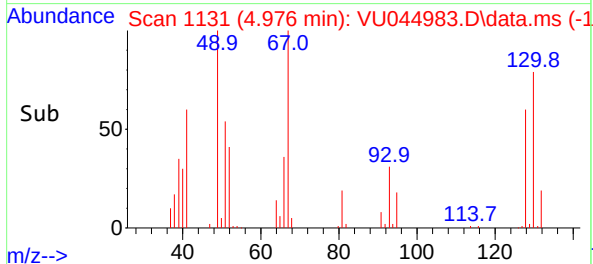
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 9512
Ion Ratio Lower Upper
41 100
39 56.8 44.4 66.6
67 77.5 58.1 87.1
52 32.6 23.8 35.8

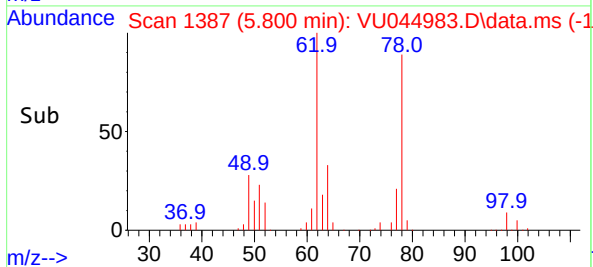
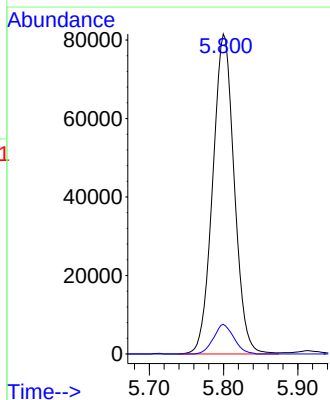
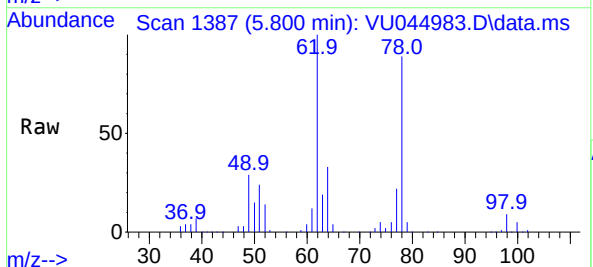
Manual Integrations
APPROVED

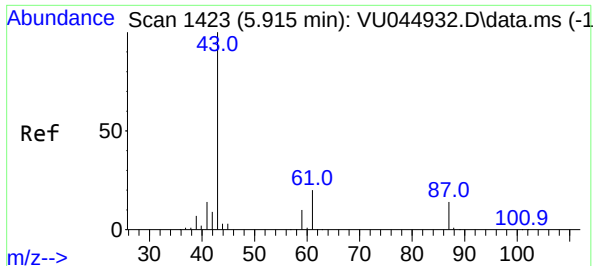
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#42
1,2-Dichloroethane
Concen: 46.536 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.004 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion: 62 Resp: 164538
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.8





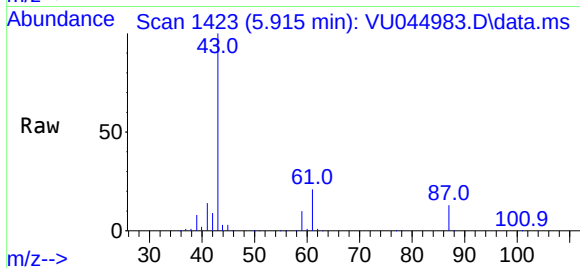
#43
Isopropyl Acetate
Concen: 45.438 ug/l
RT: 5.915 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC



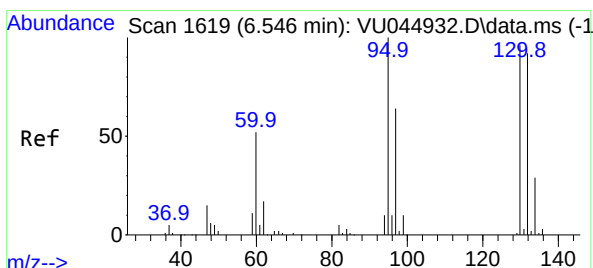
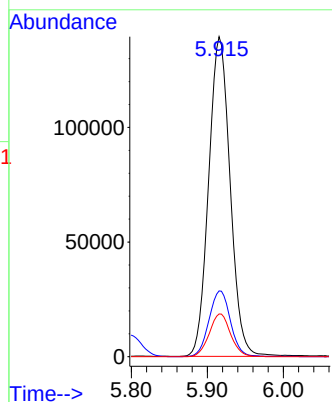
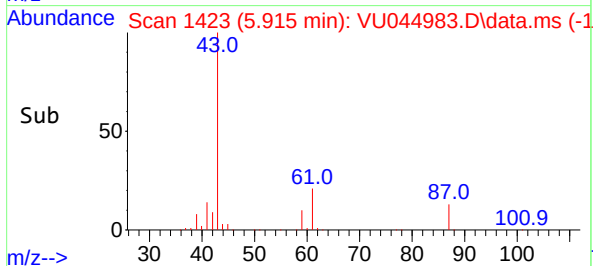
Tgt Ion: 43 Resp: 27318
Ion Ratio Lower Upper
43 100
61 20.7 16.1 24.1
87 13.3 10.3 15.5

Manual Integrations

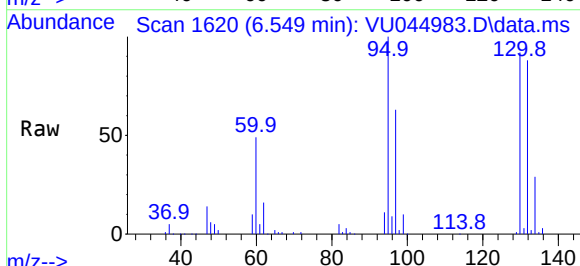
APPROVED

Reviewed By :John Carlone 09/29/2021

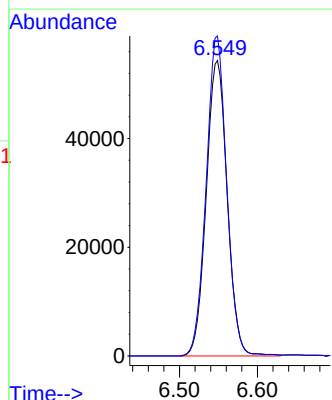
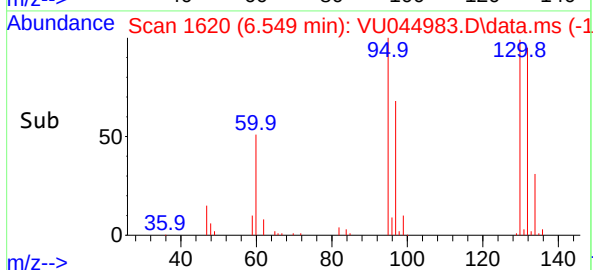
Supervised By :Mahesh Dadoda 09/30/2021

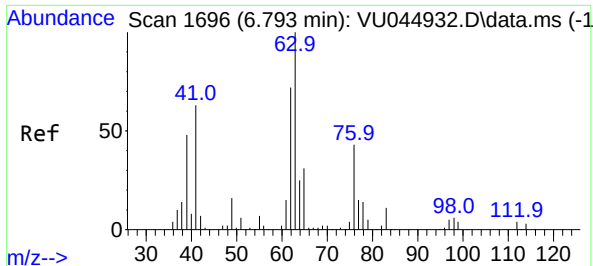


#44
Trichloroethene
Concen: 47.918 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00



Tgt Ion:130 Resp: 101632
Ion Ratio Lower Upper
130 100
95 108.3 0.0 209.0





#45

1,2-Dichloropropane

Concen: 46.449 ug/l

RT: 6.796 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 110780

Ion Ratio Lower Upper

63 100

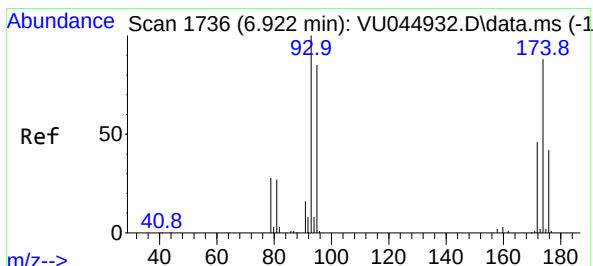
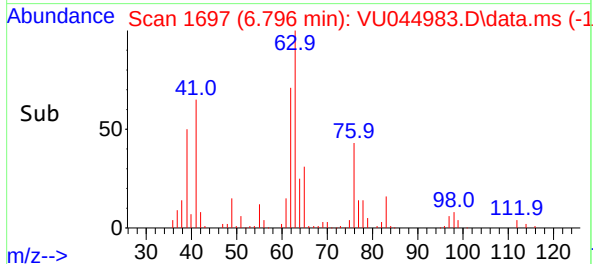
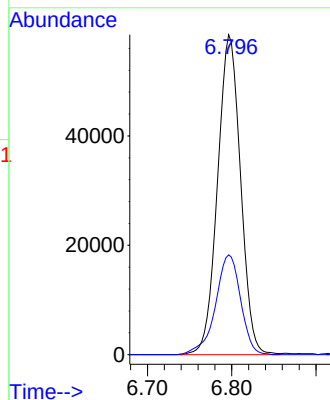
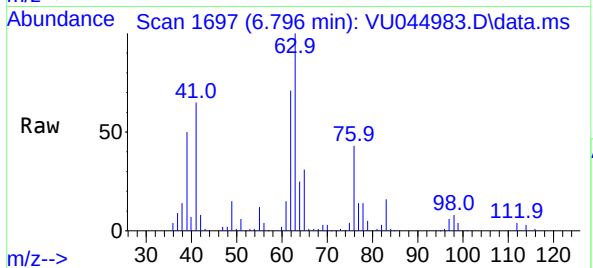
65 31.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#46

Dibromomethane

Concen: 47.290 ug/l

RT: 6.925 min Scan# 1737

Delta R.T. 0.003 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

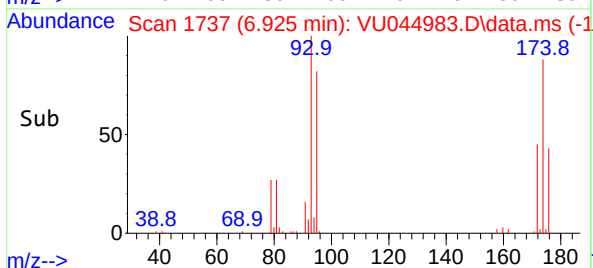
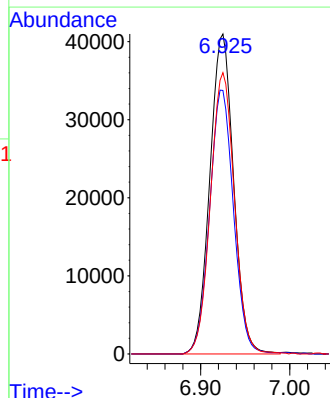
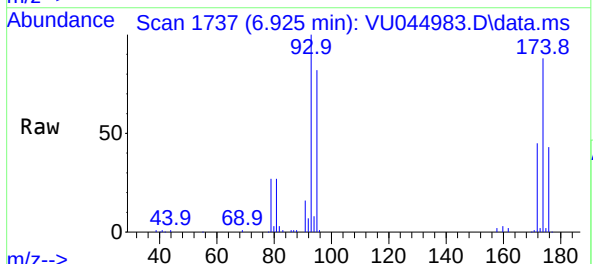
Tgt Ion: 93 Resp: 75978

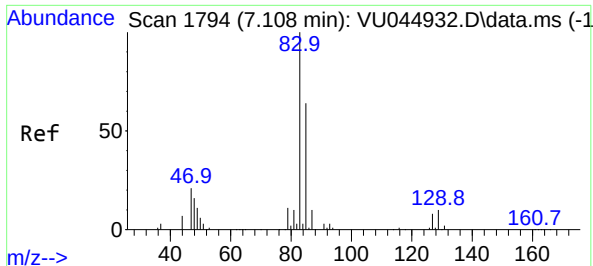
Ion Ratio Lower Upper

93 100

95 82.8 65.6 98.4

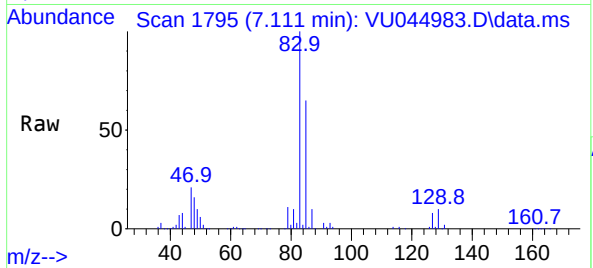
174 88.7 70.7 106.1





#47
Bromodichloromethane
Concen: 47.928 ug/l
RT: 7.111 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

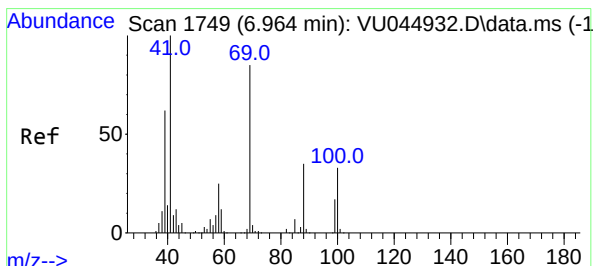
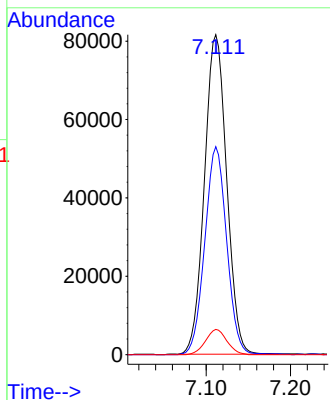
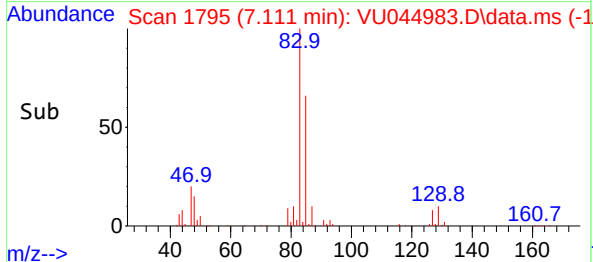
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



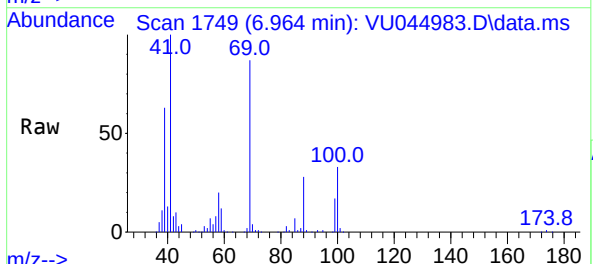
Tgt Ion: 83 Resp: 14951
Ion Ratio Lower Upper
83 100
85 65.1 51.6 77.4
127 7.9 6.2 9.4

Manual Integrations
APPROVED

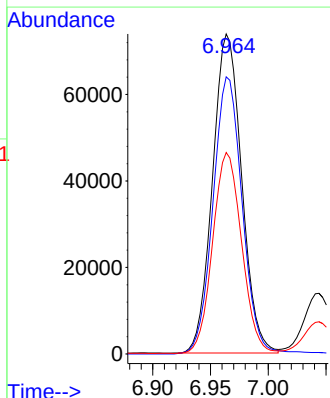
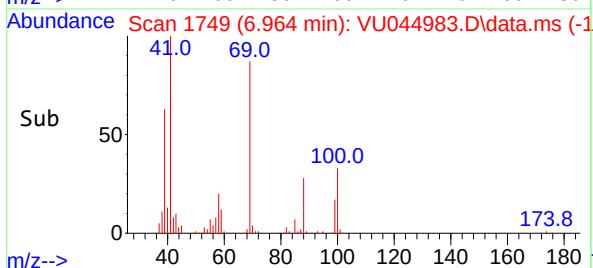
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

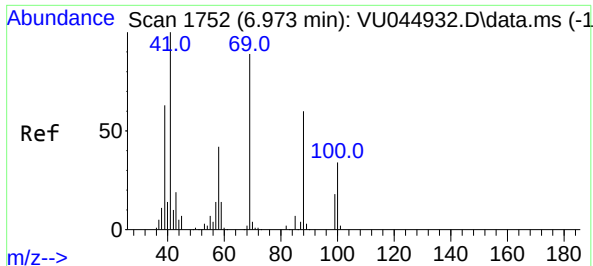


#48
Methyl methacrylate
Concen: 44.297 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00



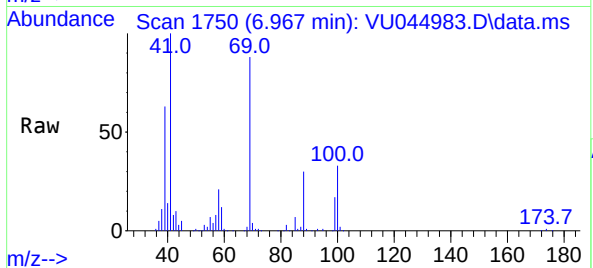
Tgt Ion: 41 Resp: 129632
Ion Ratio Lower Upper
41 100
69 87.5 65.6 98.4
39 62.5 46.2 69.4





#49
1,4-Dioxane
Concen: 558.815 ug/l
RT: 6.967 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

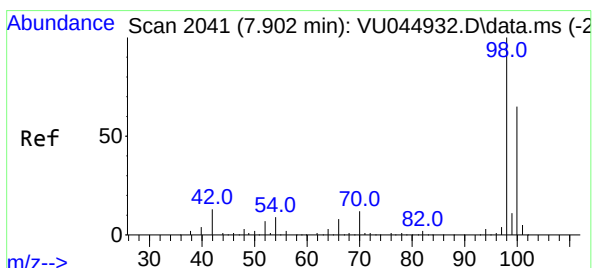
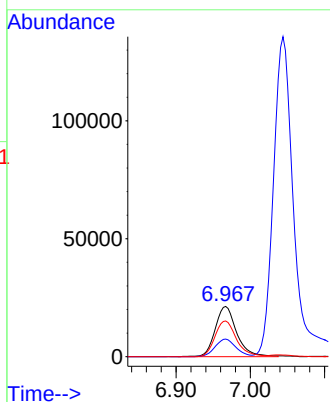
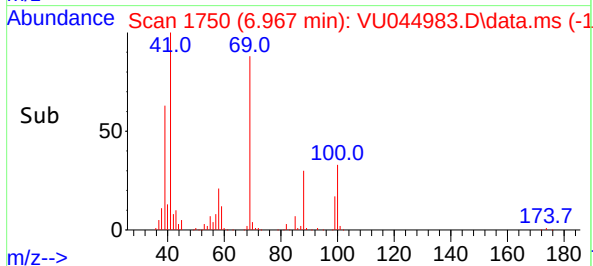
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 4295
Ion Ratio Lower Upper
88 100
43 34.2 25.8 38.6
58 71.1 61.3 91.9

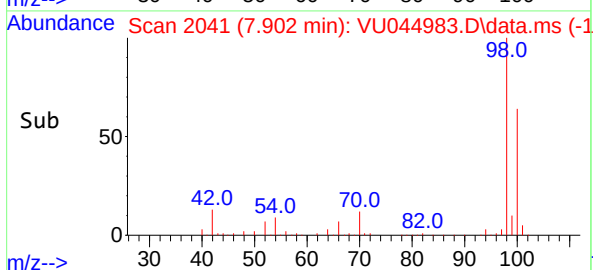
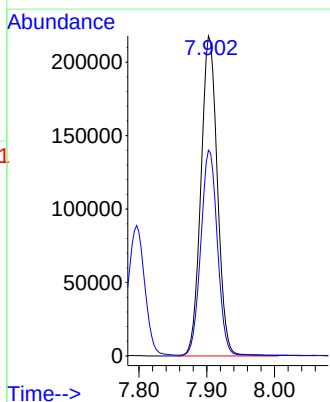
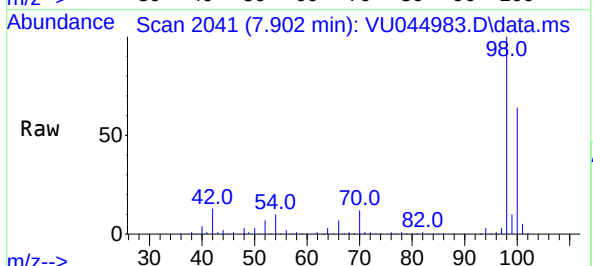
Manual Integrations
APPROVED

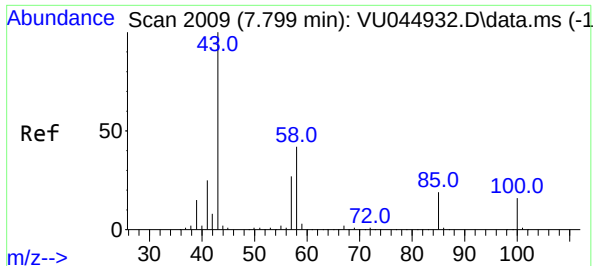
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#50
Toluene-d8
Concen: 51.102 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion: 98 Resp: 367879
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 212.542 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. -0.003 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 930289

Ion Ratio Lower Upper

43 100

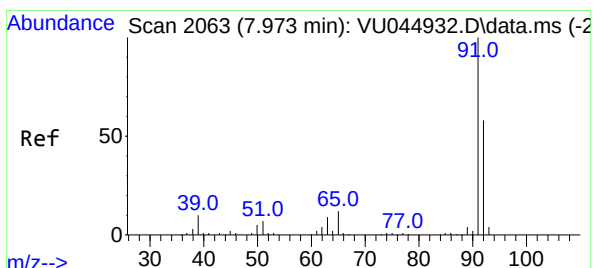
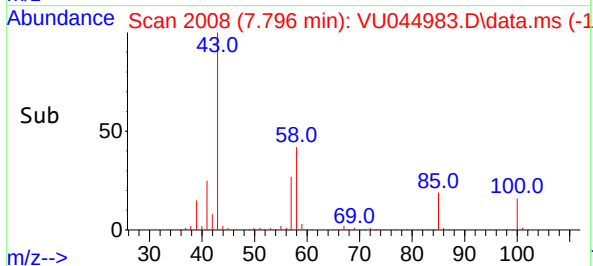
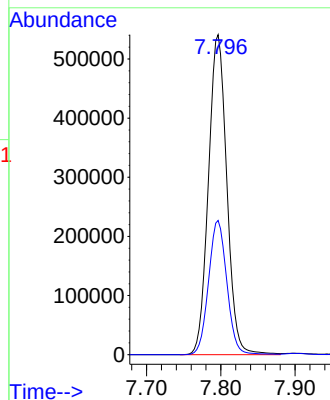
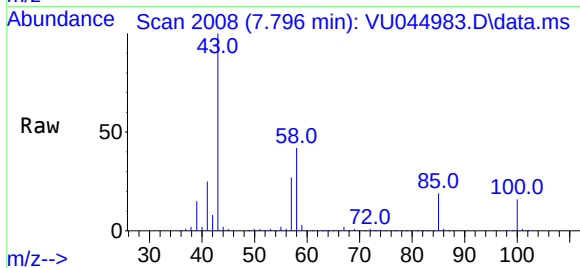
58 41.8 32.4 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#52

Toluene

Concen: 47.062 ug/l

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU044983.D

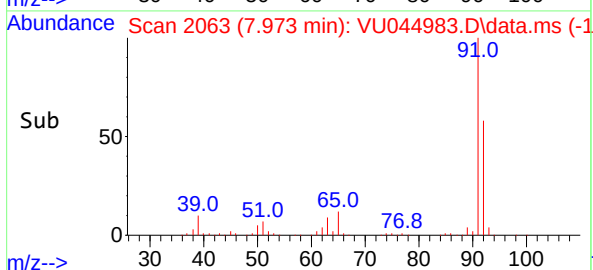
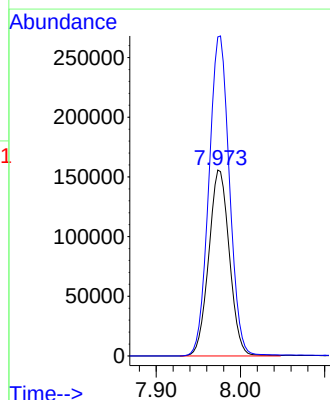
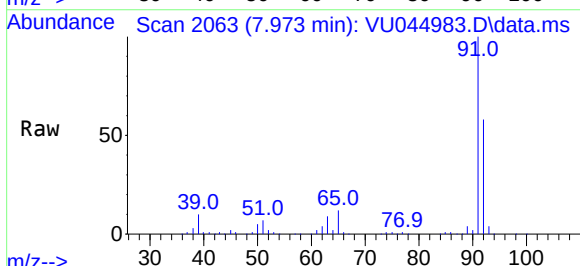
Acq: 29 Sep 2021 09:00

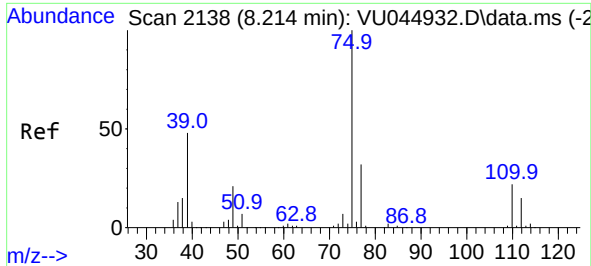
Tgt Ion: 92 Resp: 264964

Ion Ratio Lower Upper

92 100

91 172.1 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 43.060 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

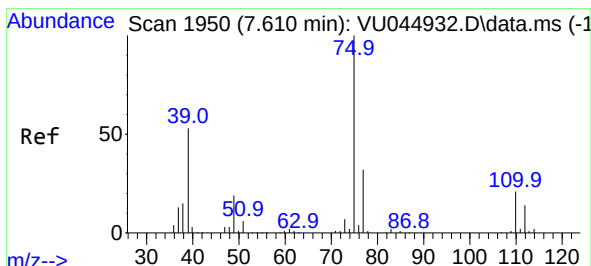
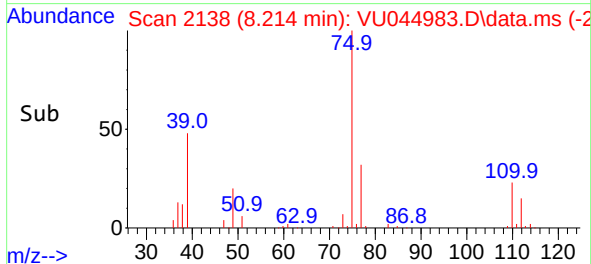
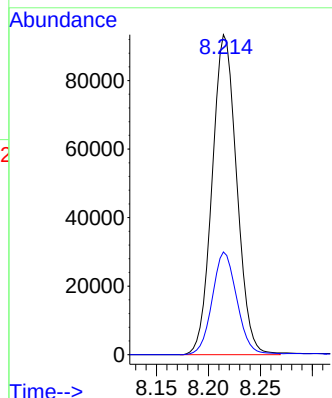
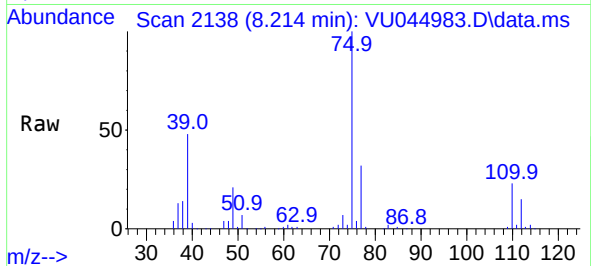
VSTDCCC050EC

Tgt Ion: 75 Resp: 153610
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4

Manual Integrations

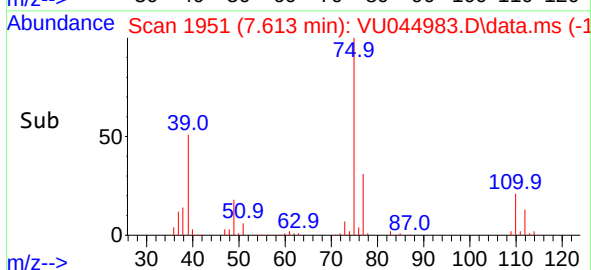
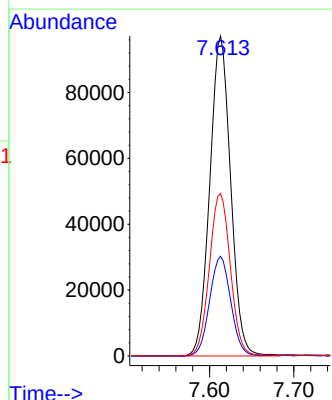
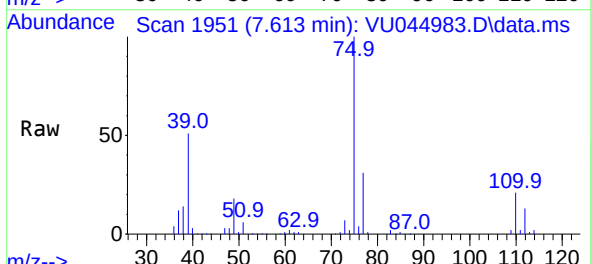
APPROVED

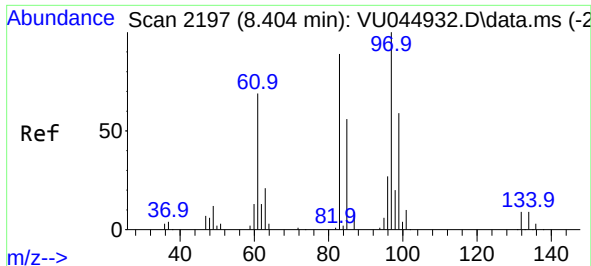
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#54
cis-1,3-Dichloropropene
Concen: 44.905 ug/l
RT: 7.613 min Scan# 1951
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

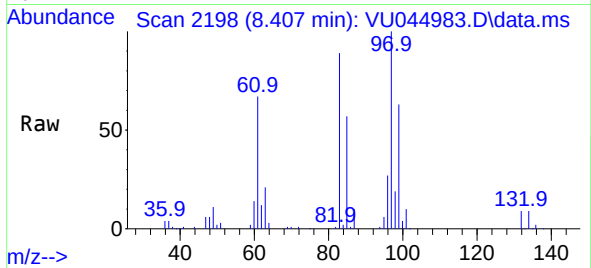
Tgt Ion: 75 Resp: 166861
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.6
39 50.6 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 45.563 ug/l
RT: 8.407 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

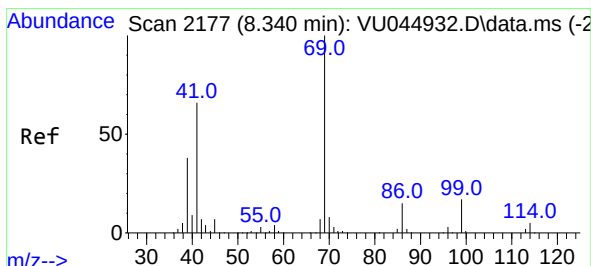
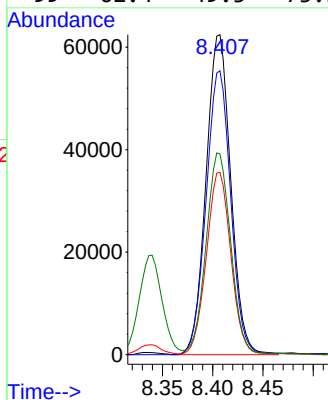
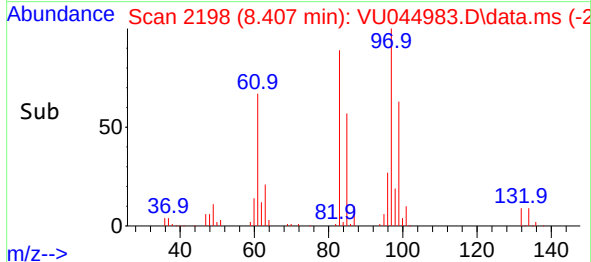
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



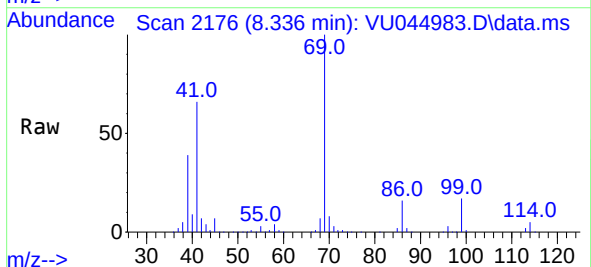
Tgt Ion: 97 Resp: 106880
Ion Ratio Lower Upper
97 100
83 88.7 69.7 104.5
85 56.8 44.8 67.2
99 62.4 49.3 73.9

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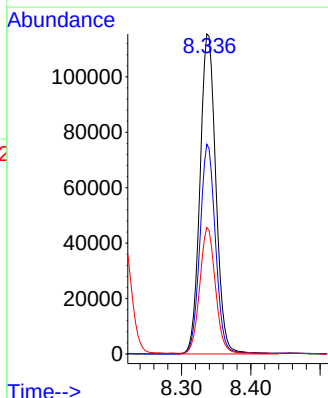
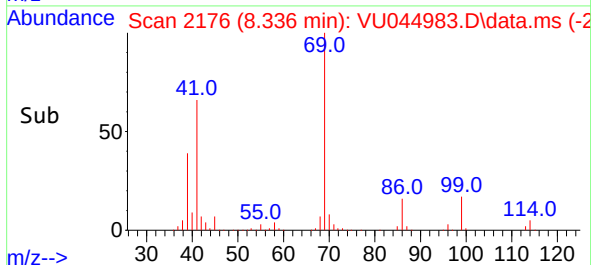
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

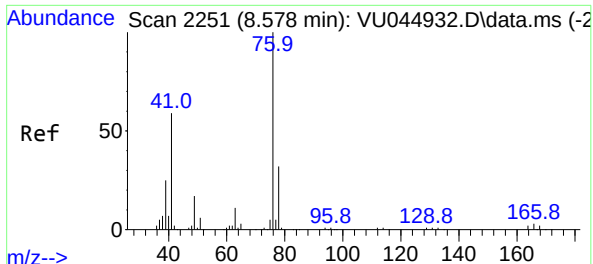


#56
Ethyl methacrylate
Concen: 40.723 ug/l
RT: 8.336 min Scan# 2176
Delta R.T. -0.004 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00



Tgt Ion: 69 Resp: 183896
Ion Ratio Lower Upper
69 100
41 64.5 53.5 80.3
39 38.4 31.1 46.7





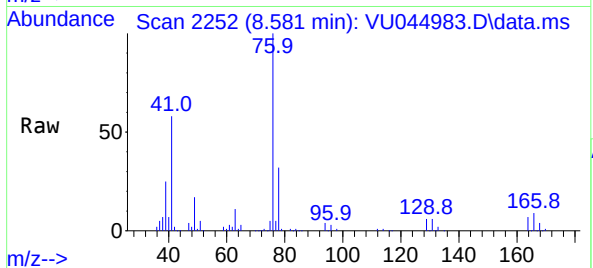
#57
1,3-Dichloropropane
Concen: 45.244 ug/l
RT: 8.581 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

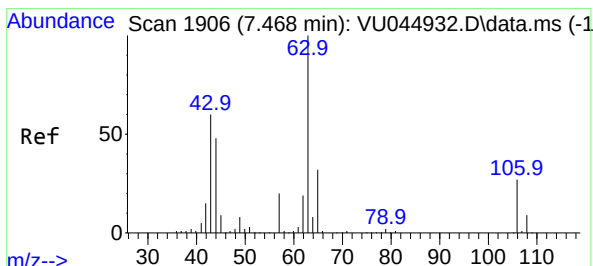
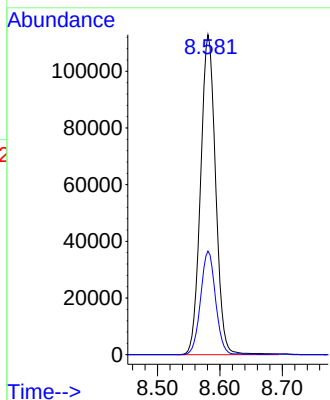
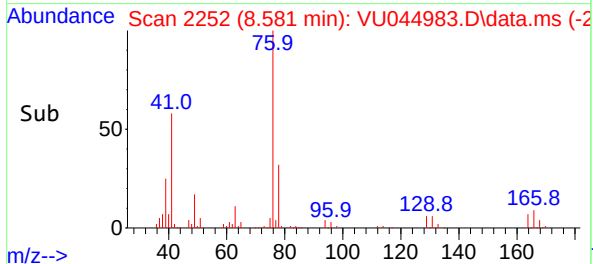


Tgt Ion: 76 Resp: 189420
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5

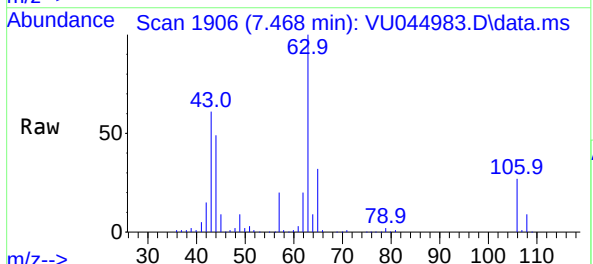
Manual Integrations

APPROVED

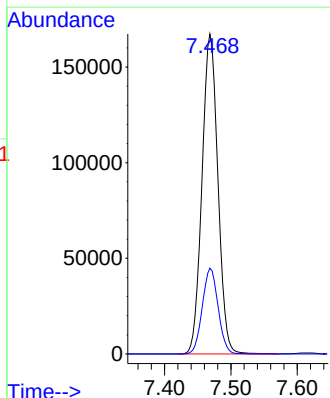
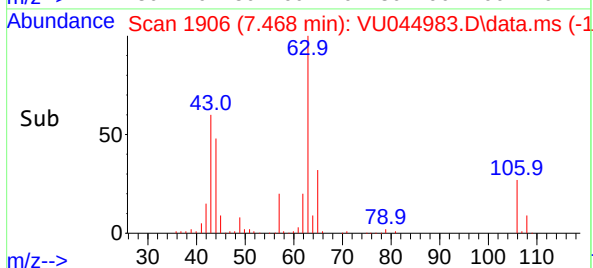
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

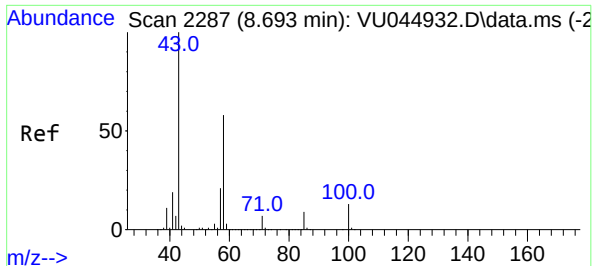


#58
2-Chloroethyl Vinyl ether
Concen: 196.217 ug/l
RT: 7.468 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00



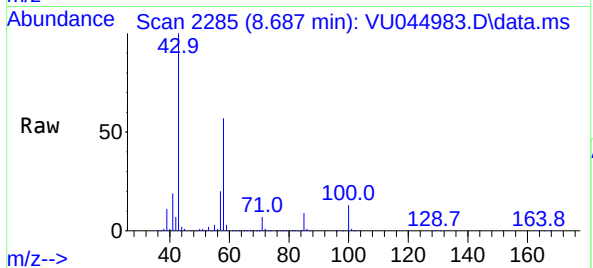
Tgt Ion: 63 Resp: 278164
Ion Ratio Lower Upper
63 100
106 26.6 20.5 30.7





#59
2-Hexanone
Concen: 204.253 ug/l
RT: 8.687 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

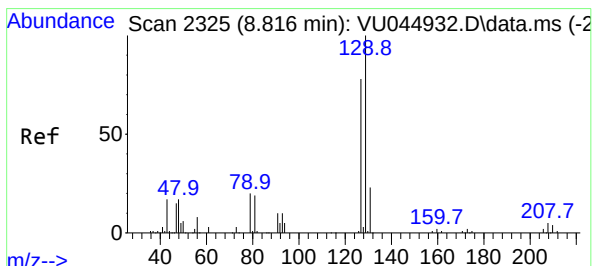
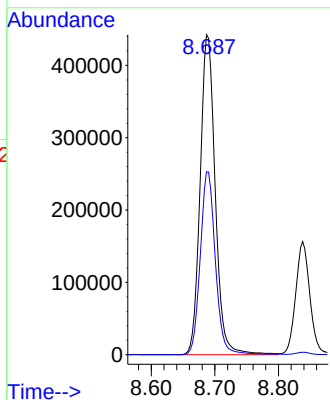
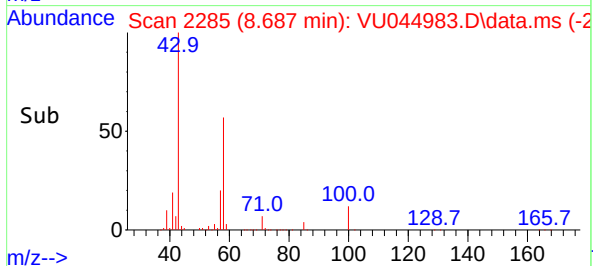
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 72802
Ion Ratio Lower Upper
43 100
58 57.3 28.0 84.0

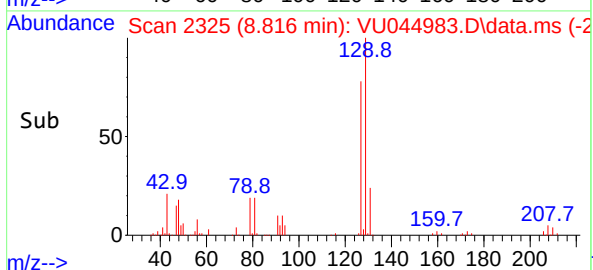
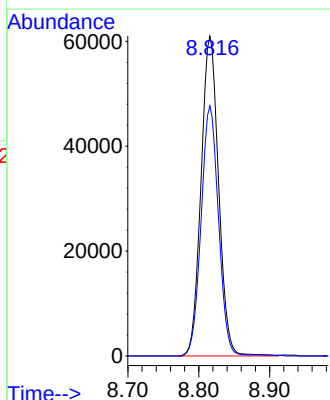
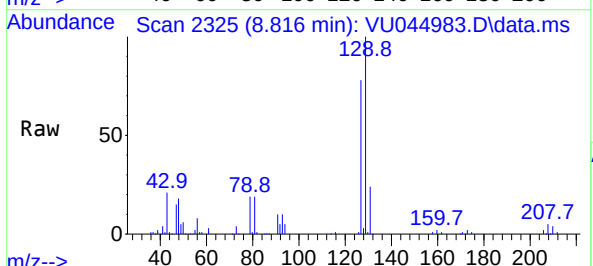
Manual Integrations
APPROVED

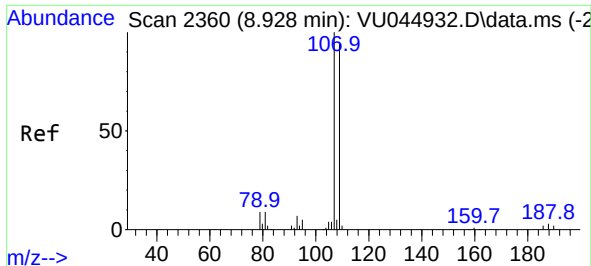
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#60
Dibromochloromethane
Concen: 42.498 ug/l
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion:129 Resp: 104858
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0





#61
1,2-Dibromoethane
Concen: 46.030 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

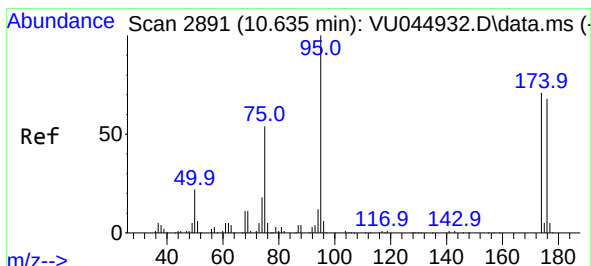
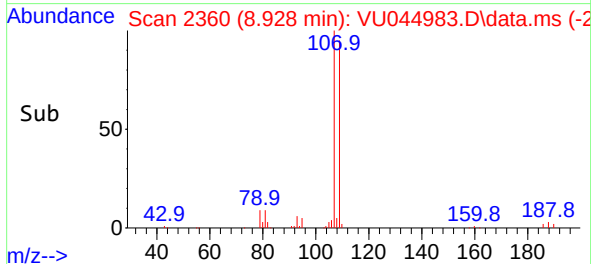
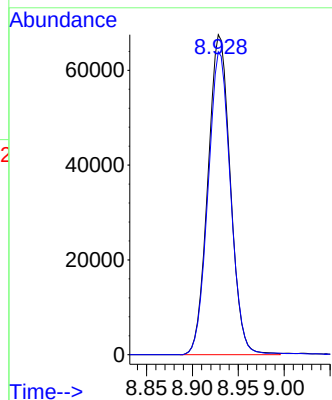
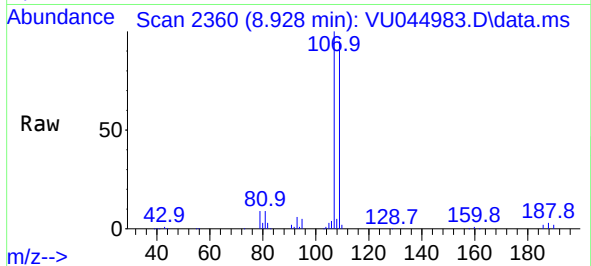
VSTDCCC050EC

Tgt Ion:107 Resp: 114780
Ion Ratio Lower Upper
107 100
109 94.6 74.8 112.2

Manual Integrations

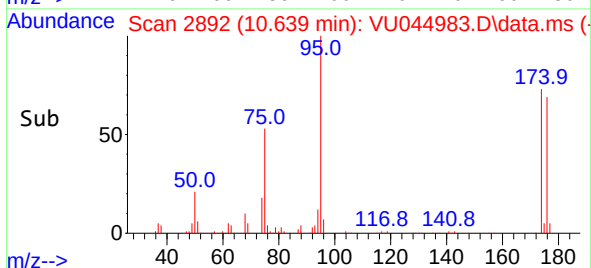
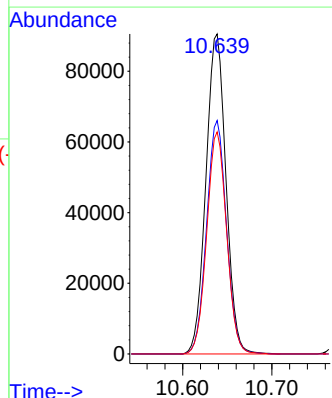
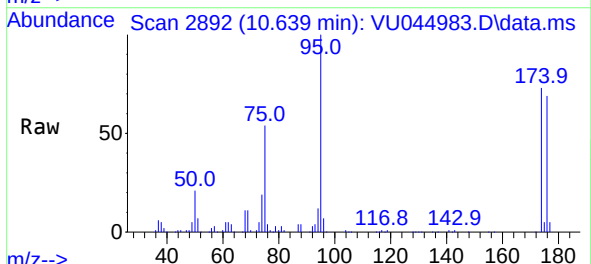
APPROVED

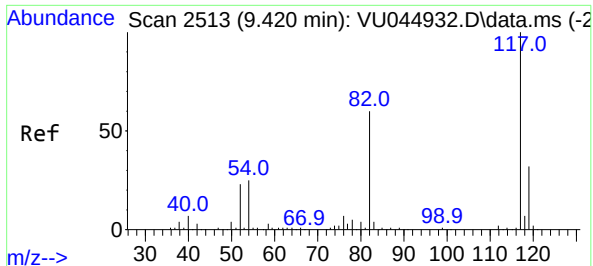
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#62
4-Bromofluorobenzene
Concen: 47.575 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.004 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

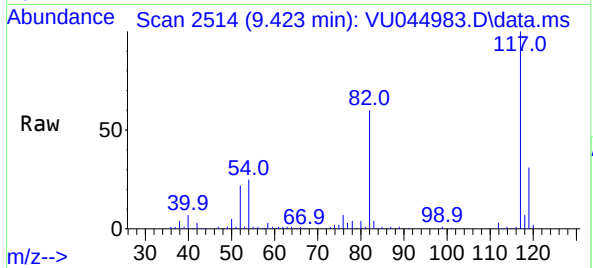
Tgt Ion: 95 Resp: 141398
Ion Ratio Lower Upper
95 100
174 72.4 0.0 146.6
176 68.8 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2513
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

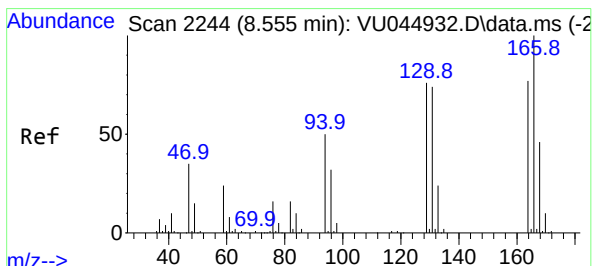
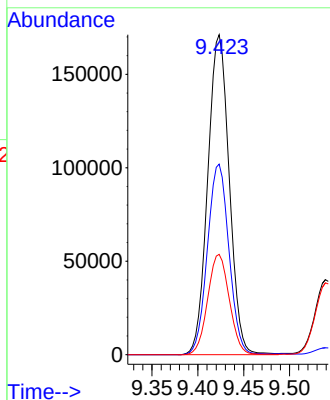
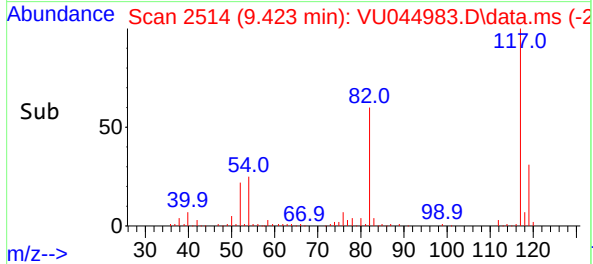
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



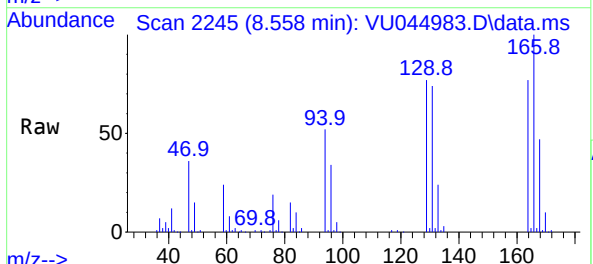
Tgt Ion:117 Resp: 279198
Ion Ratio Lower Upper
117 100
82 59.6 47.8 71.8
119 31.4 25.8 38.6

Manual Integrations
APPROVED

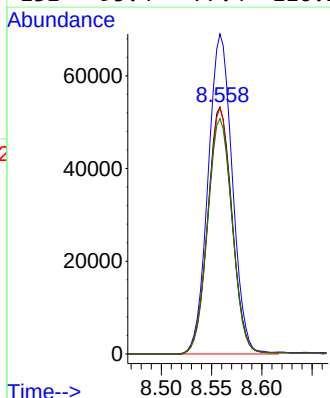
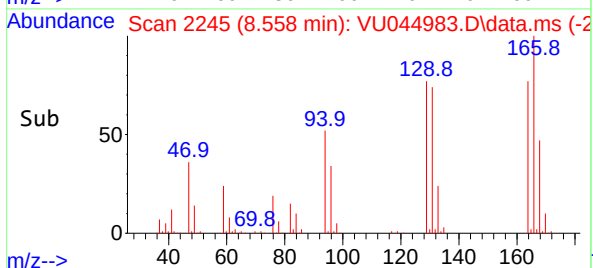
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

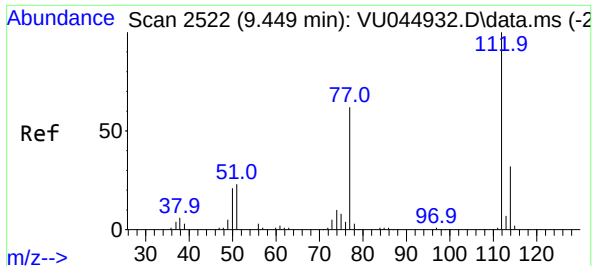


#64
Tetrachloroethene
Concen: 49.407 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00



Tgt Ion:164 Resp: 90032
Ion Ratio Lower Upper
164 100
166 129.6 102.8 154.2
129 99.7 79.4 119.2
131 95.4 77.4 116.2





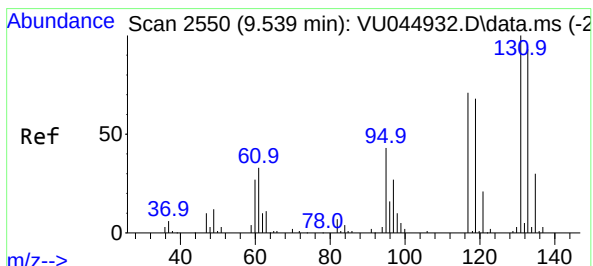
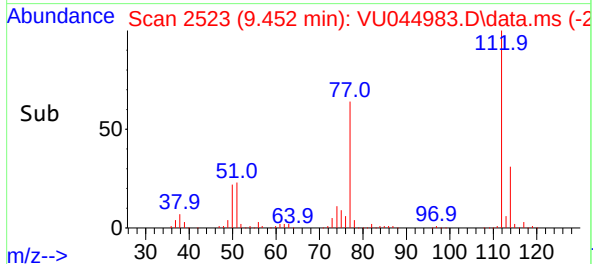
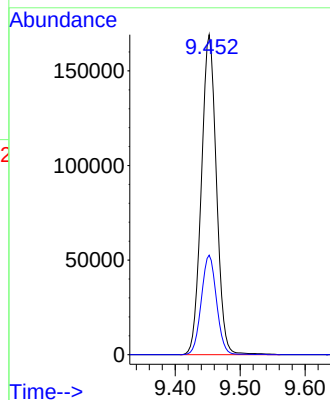
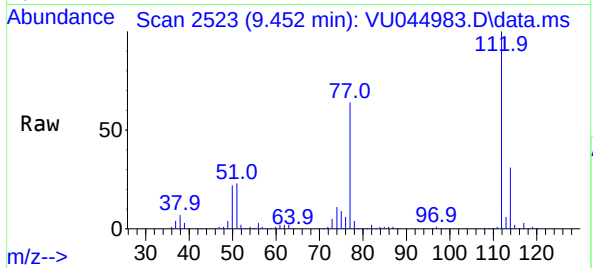
#65
Chlorobenzene
Concen: 46.746 ug/l
RT: 9.452 min Scan# 2523
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 27363
Ion Ratio Lower Upper
112 100
114 31.1 25.9 38.9

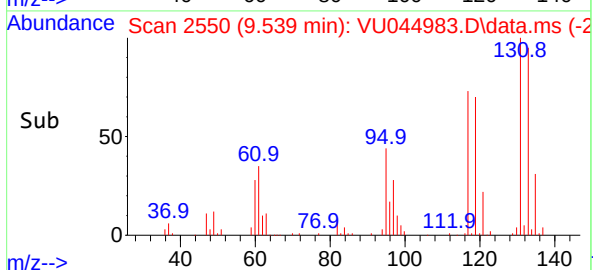
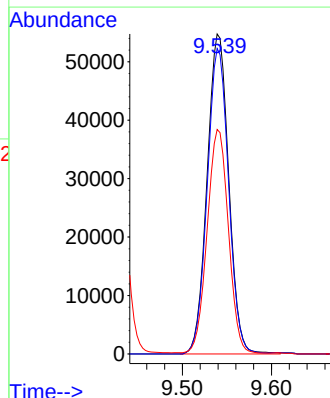
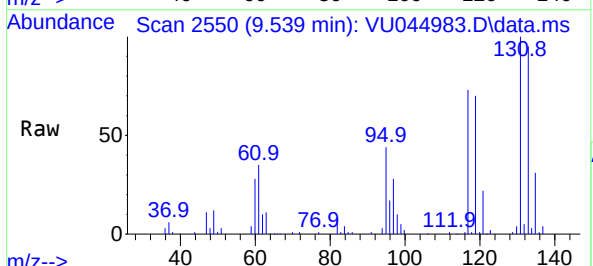
Manual Integrations
APPROVED

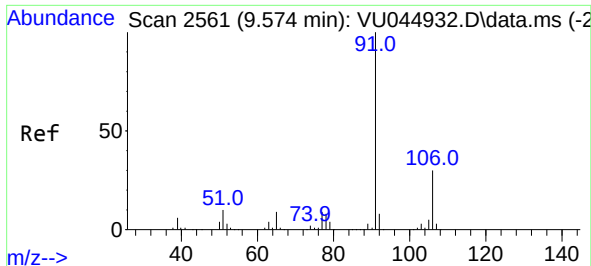
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 45.176 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. -0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

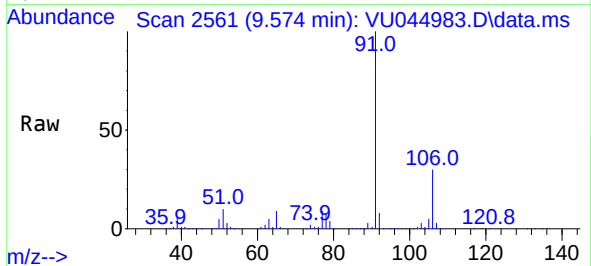
Tgt Ion:131 Resp: 92324
Ion Ratio Lower Upper
131 100
133 94.3 48.1 144.3
119 68.6 34.1 102.3





#67
Ethyl Benzene
Concen: 47.725 ug/l
RT: 9.574 min Scan# 210
Delta R.T. 0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

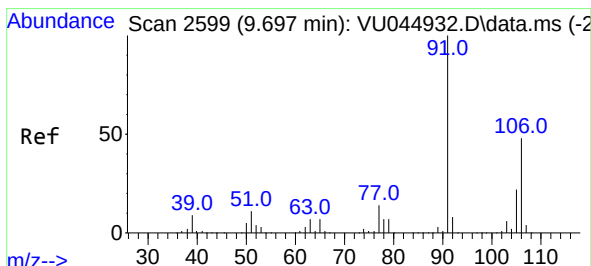
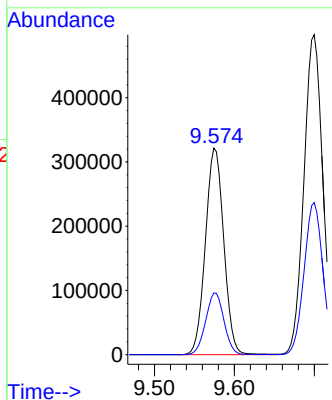
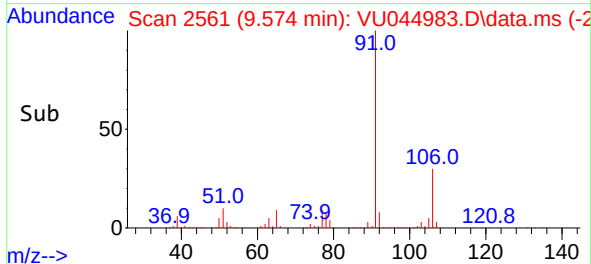
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



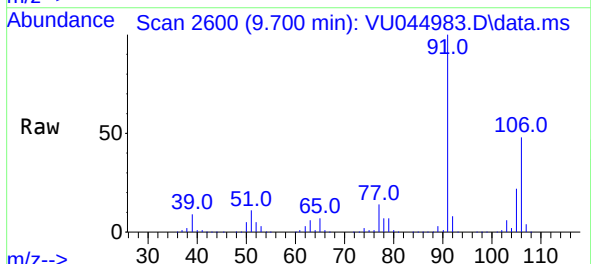
Tgt Ion: 91 Resp: 514074
Ion Ratio Lower Upper
91 100
106 29.9 24.3 36.5

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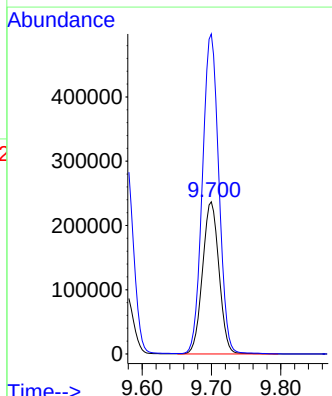
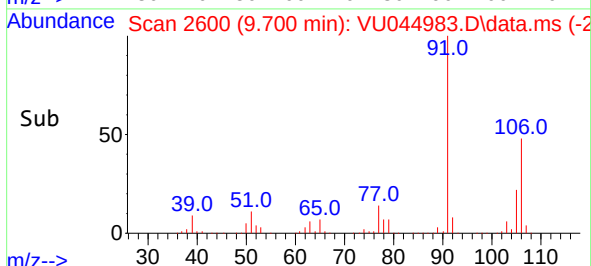
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

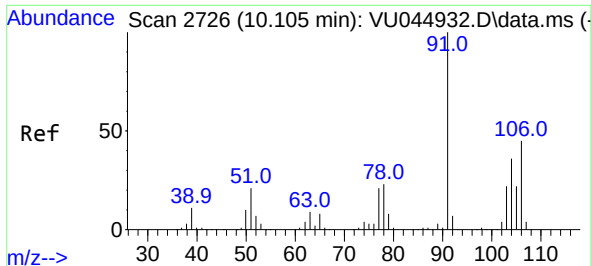


#68
m/p-Xylenes
Concen: 93.280 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00



Tgt Ion:106 Resp: 390355
Ion Ratio Lower Upper
106 100
91 209.7 164.2 246.2





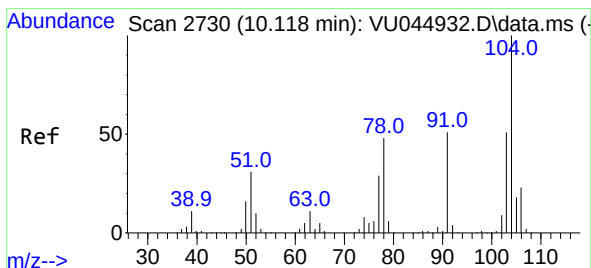
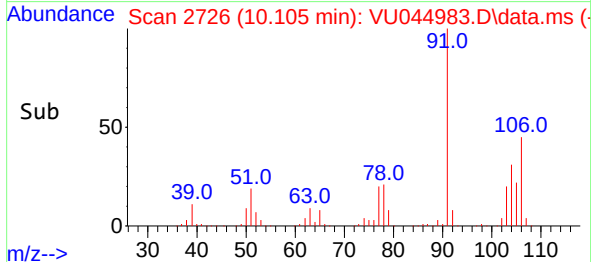
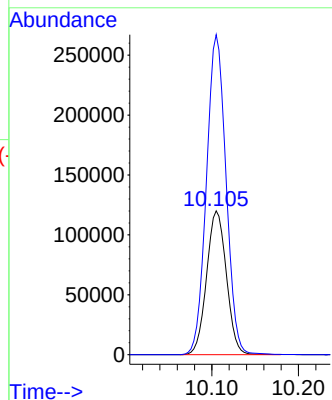
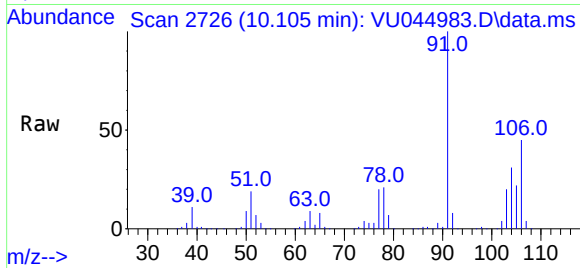
#69
o-Xylene
Concen: 45.840 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 190384
Ion Ratio Lower Upper
106 100
91 220.2 108.9 326.7

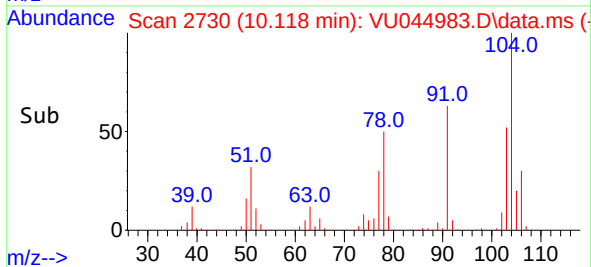
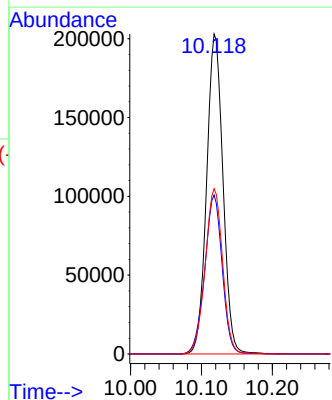
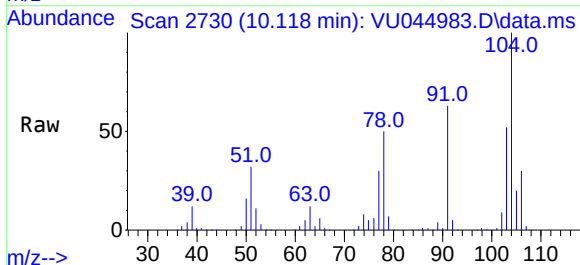
Manual Integrations
APPROVED

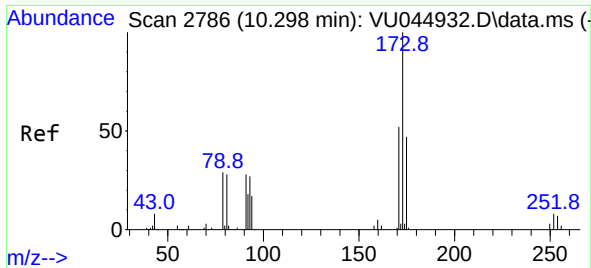
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#70
Styrene
Concen: 46.610 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

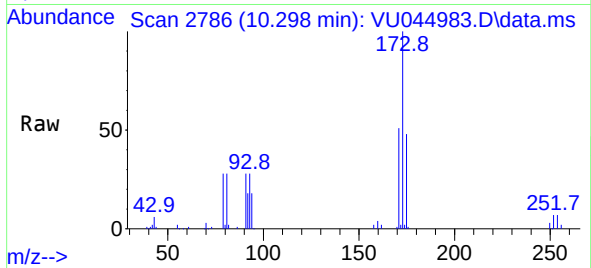
Tgt Ion:104 Resp: 324757
Ion Ratio Lower Upper
104 100
78 53.2 41.4 62.0
103 55.3 43.5 65.3





#71
Bromoform
Concen: 39.410 ug/l
RT: 10.298 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

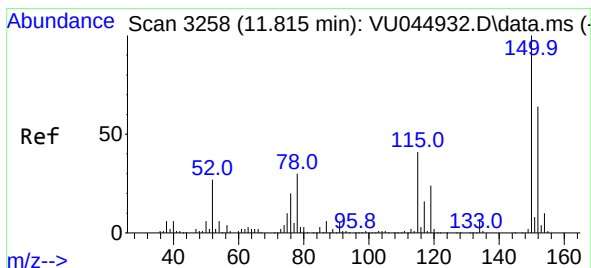
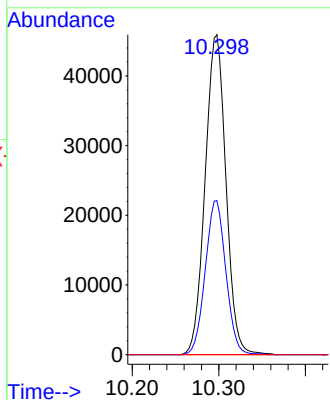
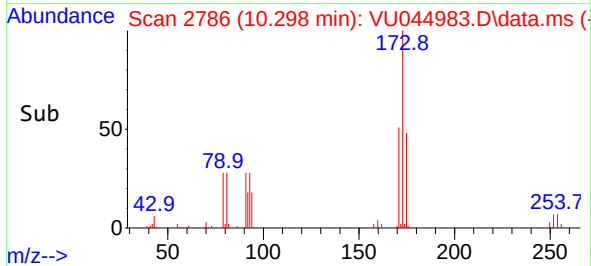
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 7674
Ion Ratio Lower Upper
173 100
175 47.6 24.3 73.0
254 0.0 0.0 0.0

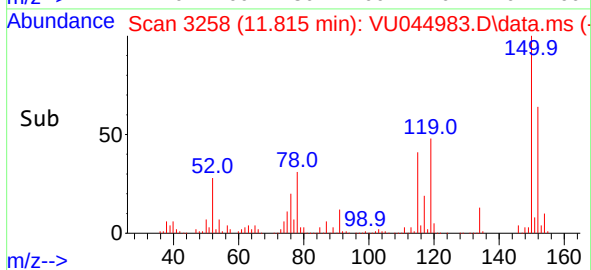
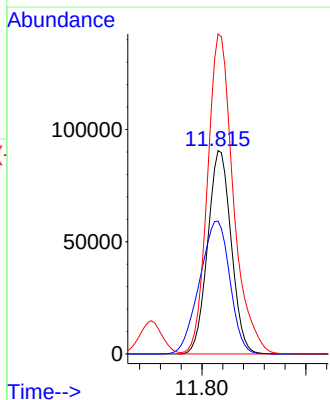
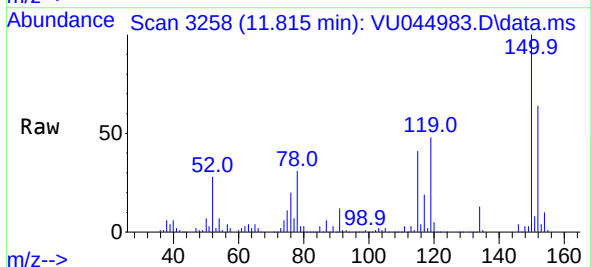
Manual Integrations
APPROVED

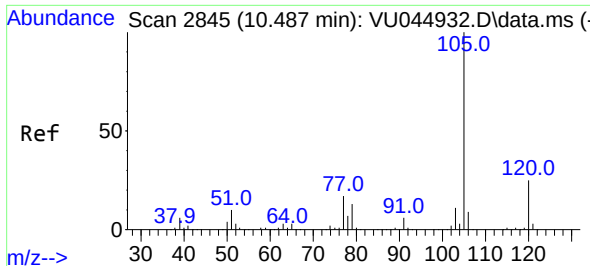
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion:152 Resp: 142292
Ion Ratio Lower Upper
152 100
115 83.9 43.5 130.7
150 173.2 0.0 350.0





#73
Isopropylbenzene
Concen: 47.365 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.001 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

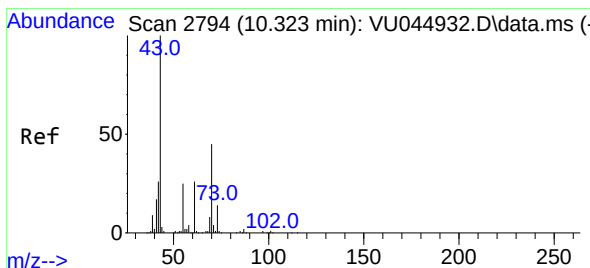
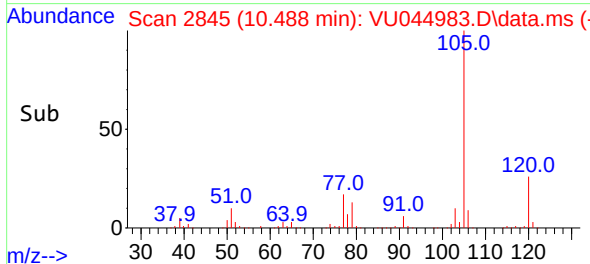
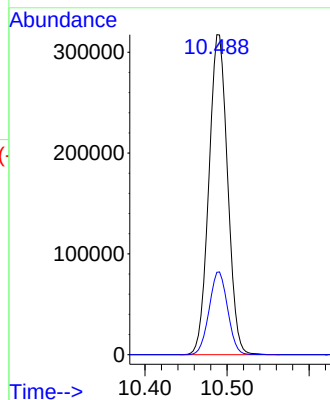
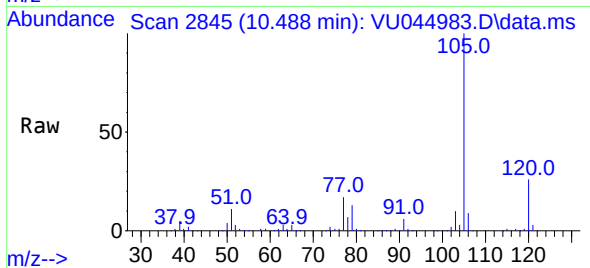
VSTDCCC050EC

Tgt Ion:105 Resp: 50190
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.3

Manual Integrations

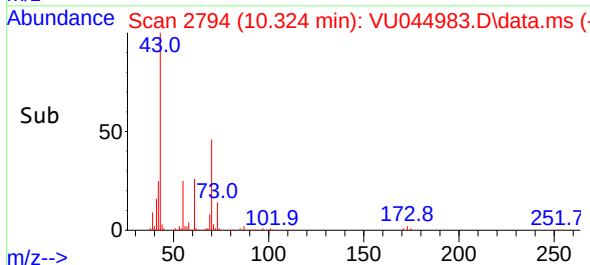
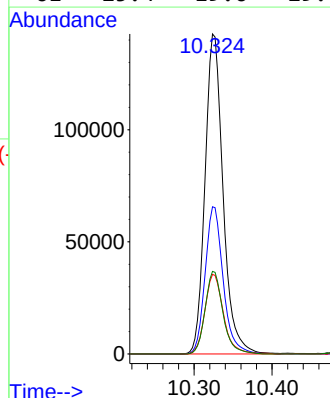
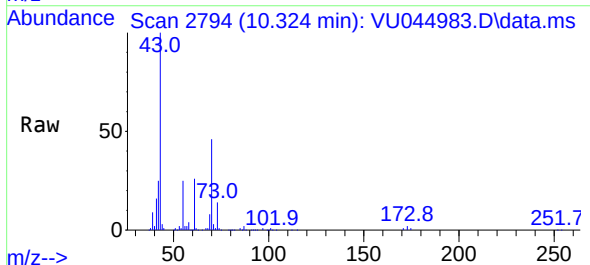
APPROVED

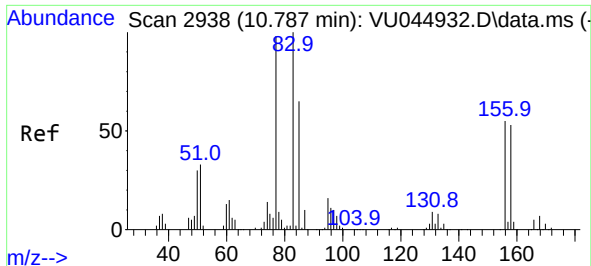
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#74
N-ethyl acetate
Concen: 43.088 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.001 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

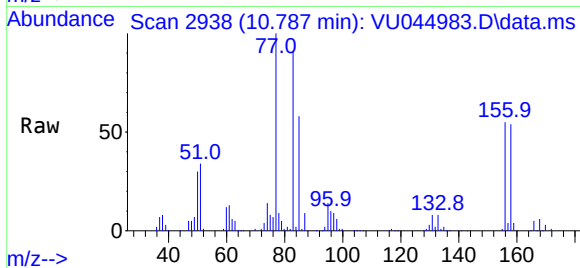
Tgt Ion: 43 Resp: 229895
Ion Ratio Lower Upper
43 100
70 46.0 35.1 52.7
55 25.5 20.5 30.7
61 25.4 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 41.248 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

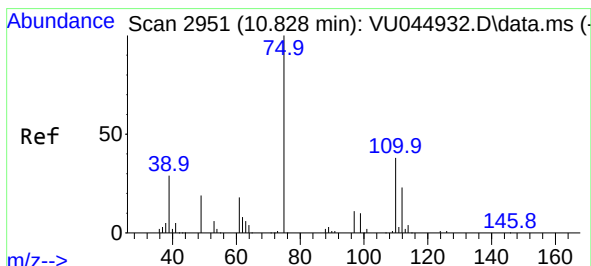
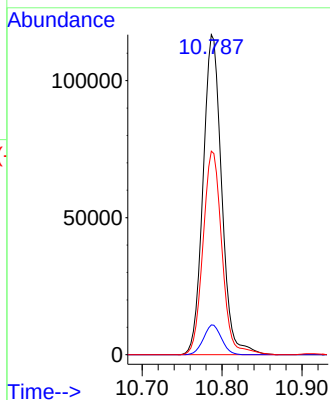
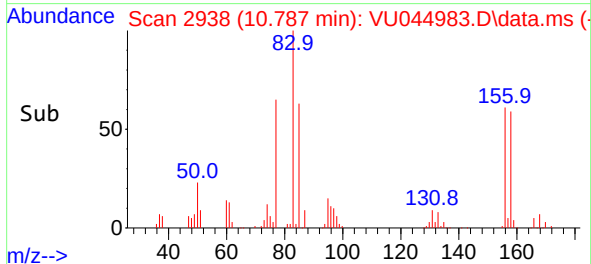
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



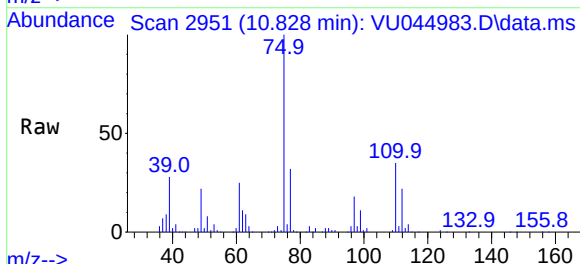
Tgt Ion: 83 Resp: 18911
Ion Ratio Lower Upper
83 100
131 9.0 4.3 13.1
85 64.7 31.9 95.5

Manual Integrations
APPROVED

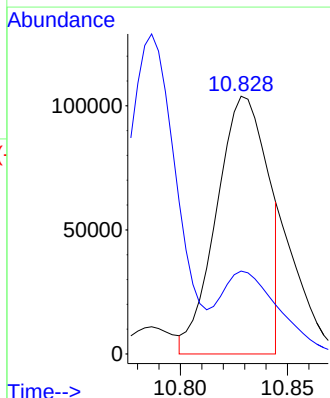
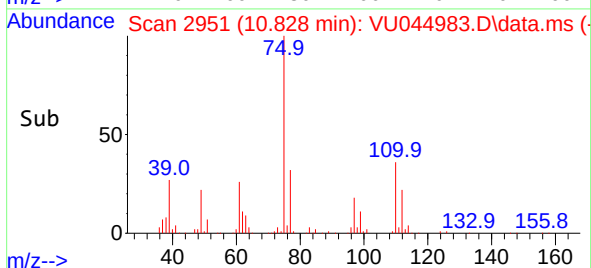
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

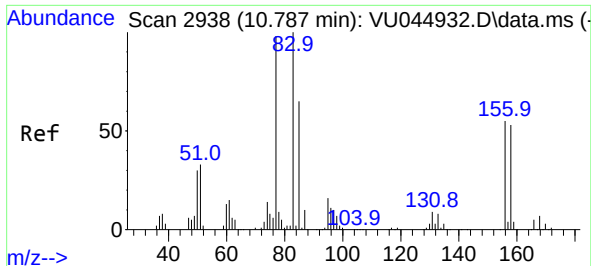


#76
1,2,3-Trichloropropane
Concen: 41.783 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00



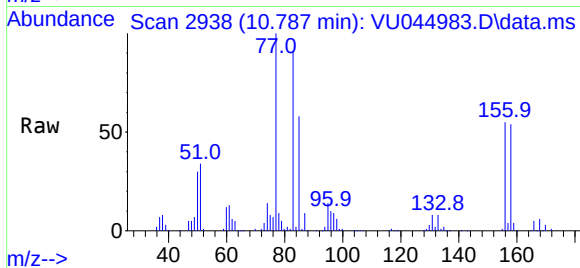
Tgt Ion: 75 Resp: 173416
Ion Ratio Lower Upper
75 100
77 37.2 17.9 53.7





#77
Bromobenzene
Concen: 44.867 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

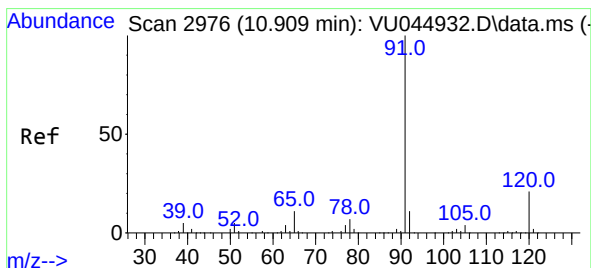
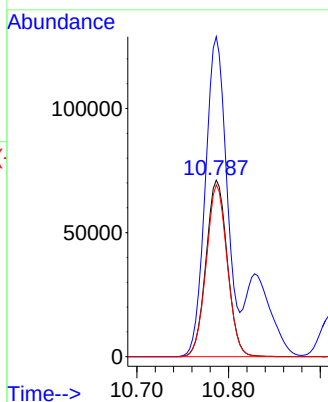
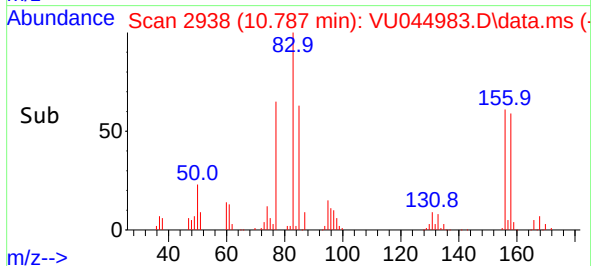
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



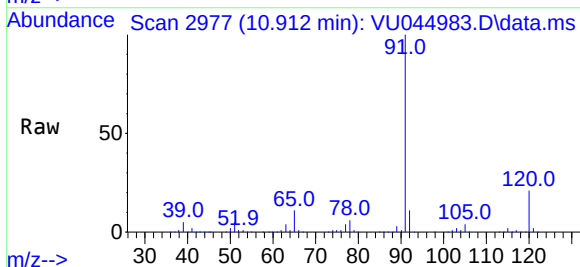
Tgt Ion:156 Resp: 11480
Ion Ratio Lower Upper
156 100
77 182.9 91.1 273.4
158 96.3 48.2 144.6

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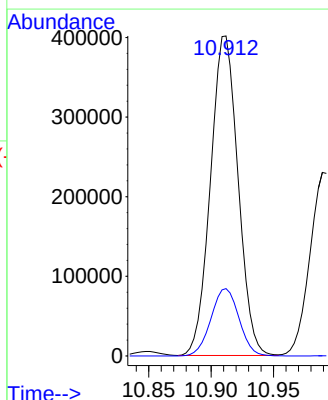
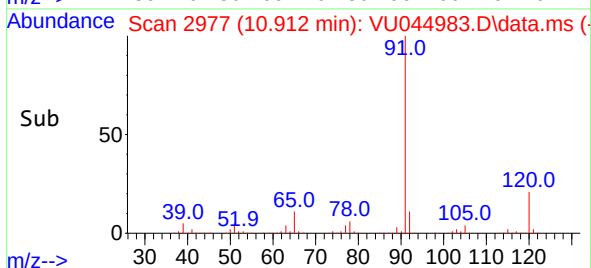
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

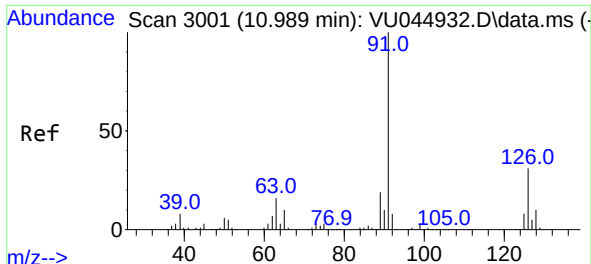


#78
n-propylbenzene
Concen: 47.925 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00



Tgt Ion: 91 Resp: 618856
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.4





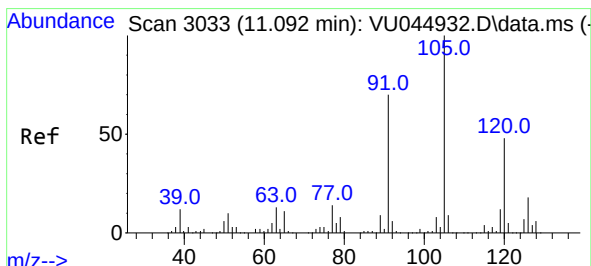
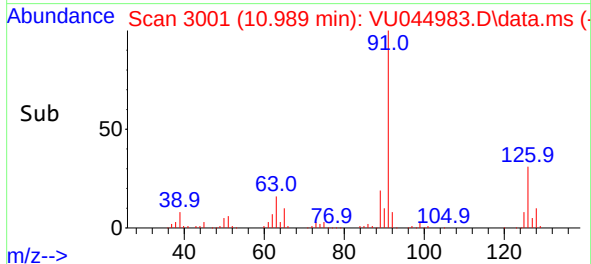
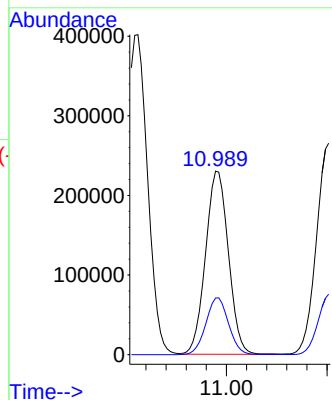
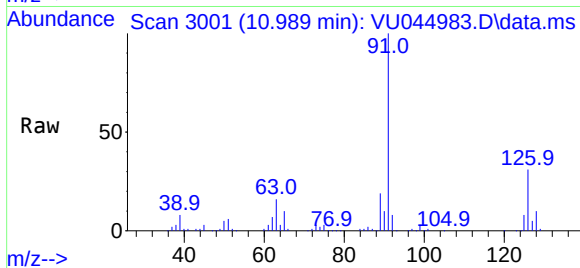
#79
2-Chlorotoluene
Concen: 45.024 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 364434
Ion Ratio Lower Upper
91 100
126 30.8 15.7 47.0

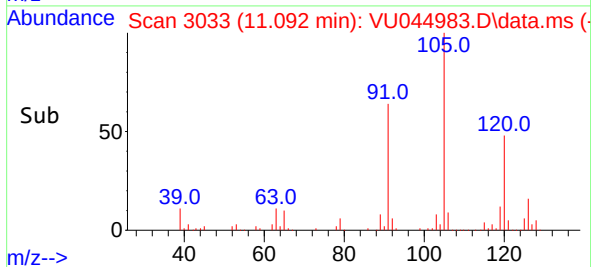
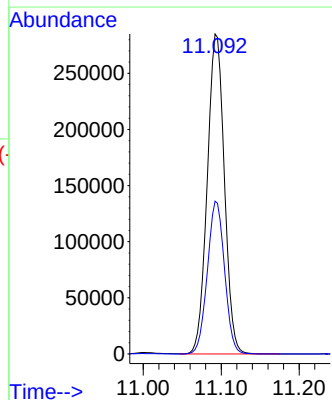
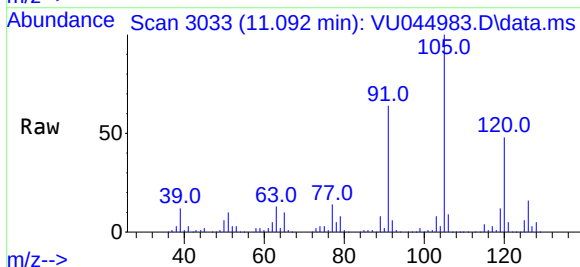
Manual Integrations
APPROVED

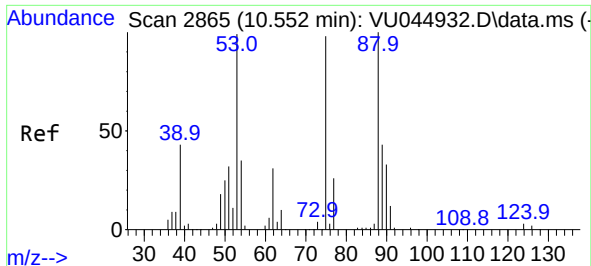
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#80
1,3,5-Trimethylbenzene
Concen: 46.853 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

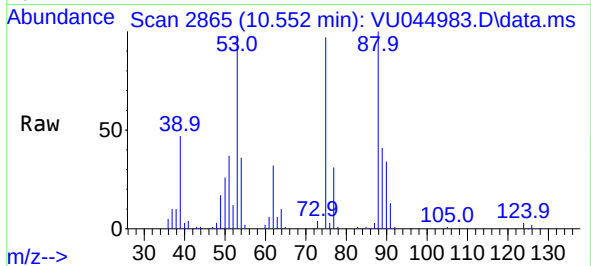
Tgt Ion:105 Resp: 434928
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 34.936 ug/l
RT: 10.552 min Scan# 2865
Delta R.T. -0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

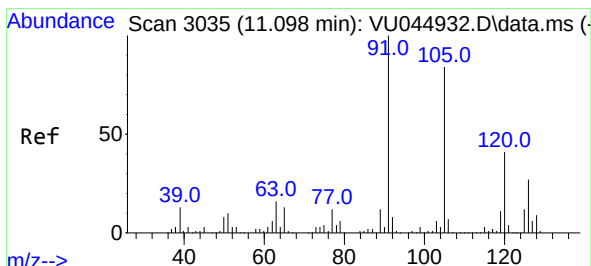
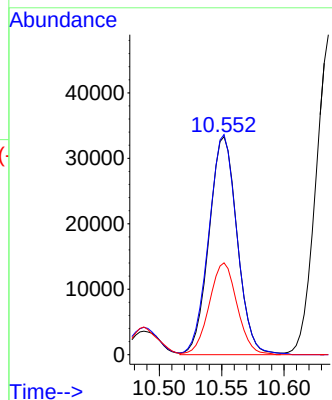
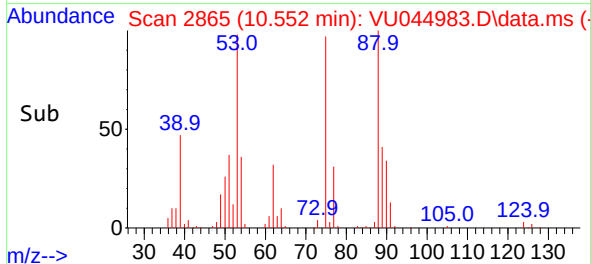
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



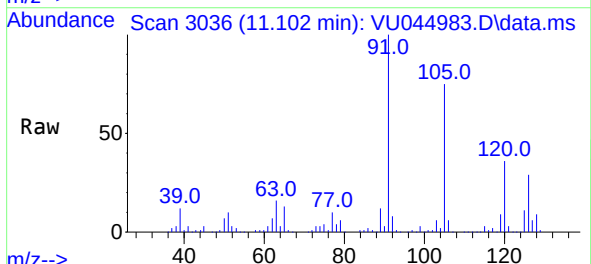
Tgt Ion: 75 Resp: 52248
Ion Ratio Lower Upper
75 100
53 101.5 82.0 123.0
89 41.8 34.2 51.4

Manual Integrations
APPROVED

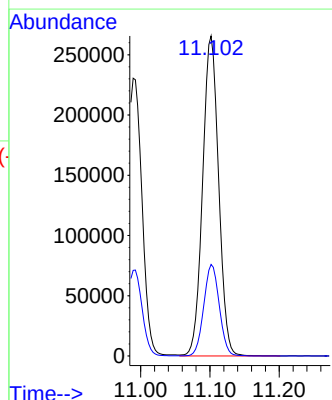
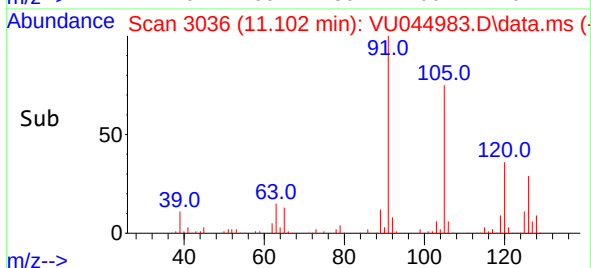
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

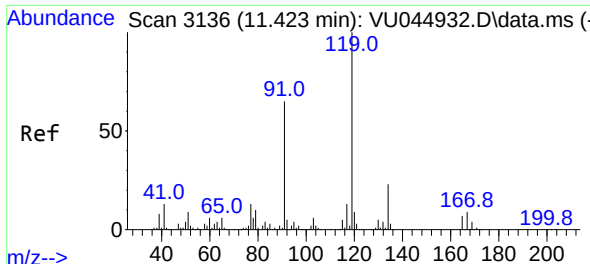


#82
4-Chlorotoluene
Concen: 46.466 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.004 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00



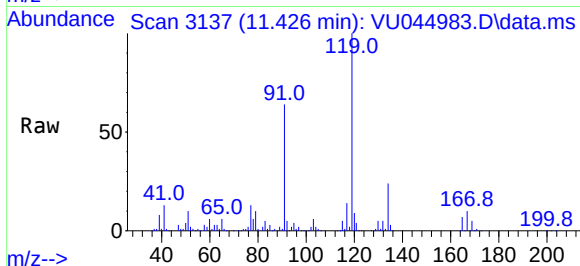
Tgt Ion: 91 Resp: 425113
Ion Ratio Lower Upper
91 100
126 27.7 13.8 41.4





#83
tert-Butylbenzene
Concen: 43.974 ug/l
RT: 11.426 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

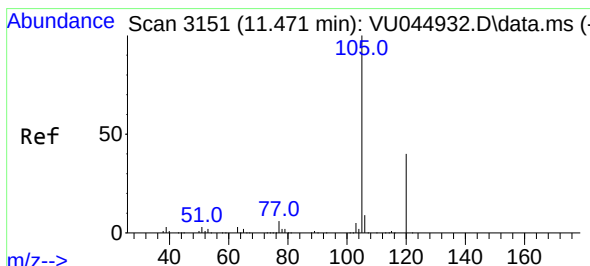
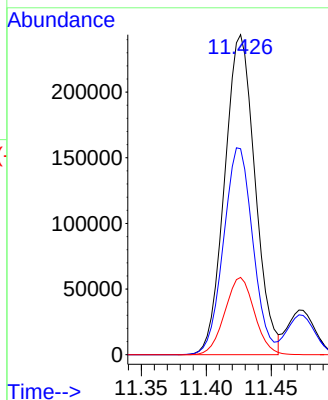
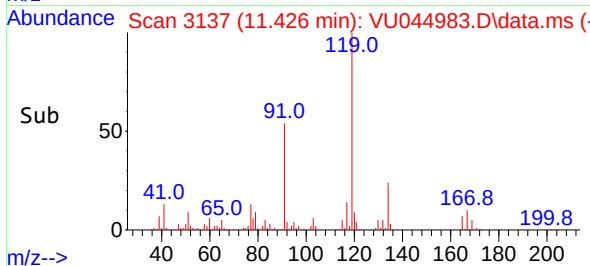
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 39704
Ion Ratio Lower Upper
119 100
91 62.4 30.4 91.2
134 23.5 11.5 34.5

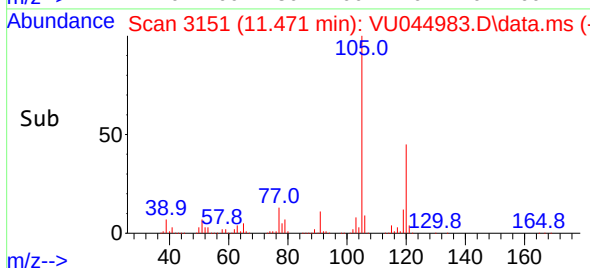
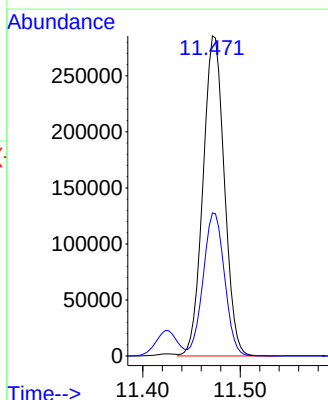
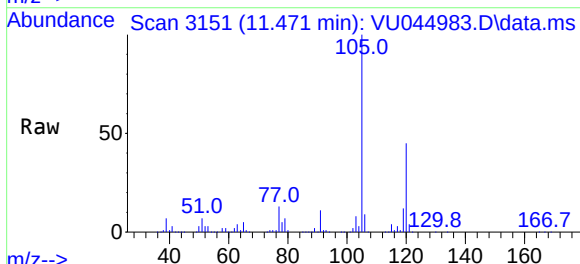
Manual Integrations
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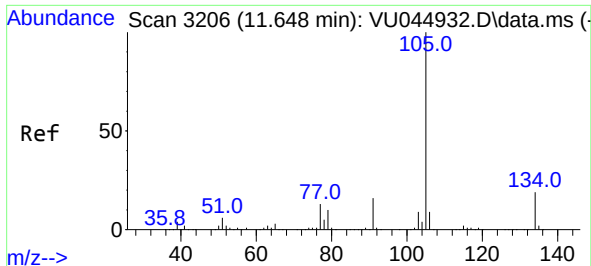
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#84
1,2,4-Trimethylbenzene
Concen: 47.260 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion:105 Resp: 434021
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 46.983 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. 0.000 min
 Lab File: VU044983.D
 Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

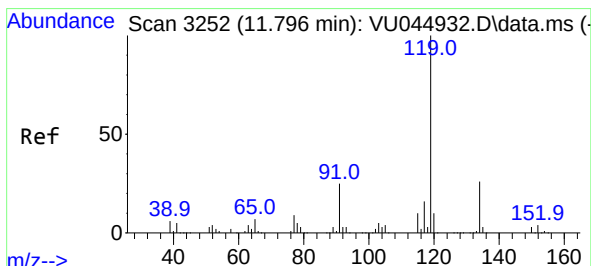
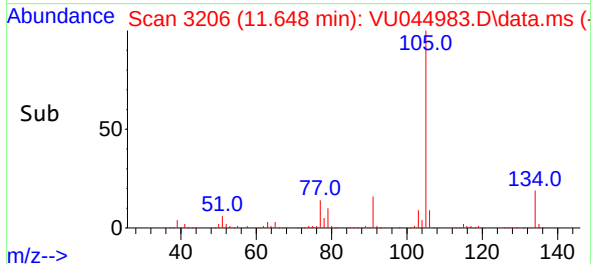
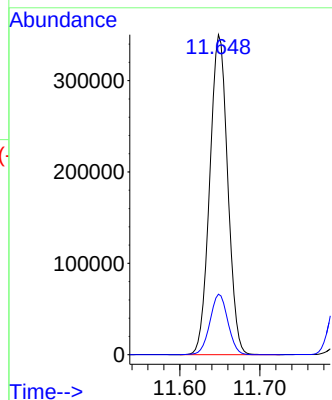
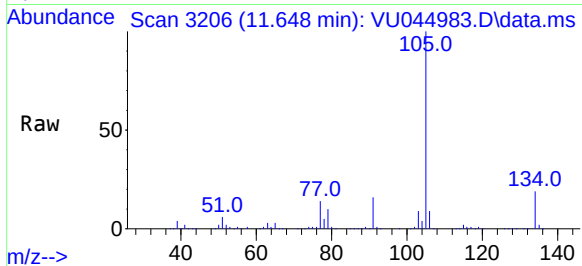
VSTDCCC050EC

Tgt Ion:105 Resp: 546299
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.3 28.0

Manual Integrations

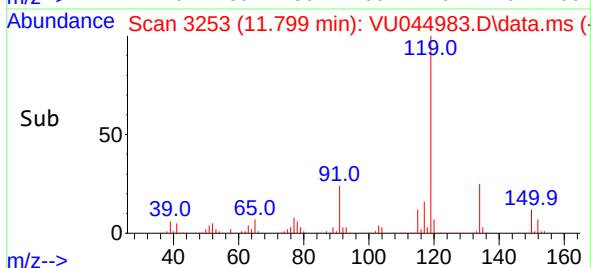
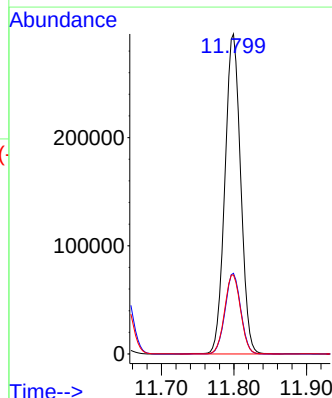
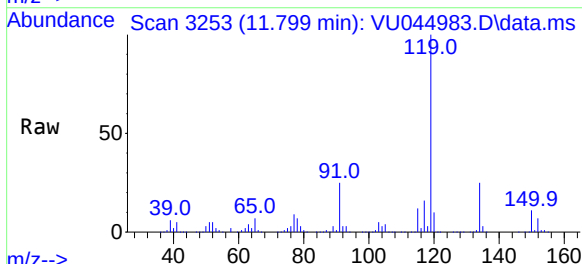
APPROVED

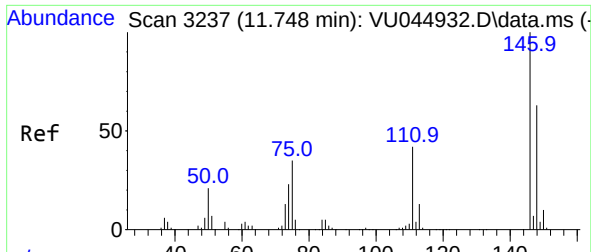
Reviewed By :John Carlone 09/29/2021
 Supervised By :Mahesh Dadoda 09/30/2021



#86
 p-Isopropyltoluene
 Concen: 47.639 ug/l
 RT: 11.799 min Scan# 3253
 Delta R.T. 0.003 min
 Lab File: VU044983.D
 Acq: 29 Sep 2021 09:00

Tgt Ion:119 Resp: 445579
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.8 38.3
 91 25.0 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 45.196 ug/l

RT: 11.751 min Scan# 3237

Delta R.T. 0.003 min

Lab File: VU044983.D

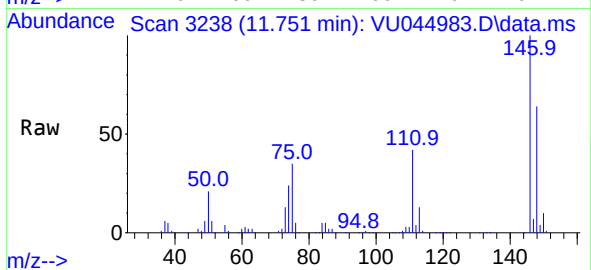
Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 22146

Ion Ratio Lower Upper

146 100

111 42.3 21.2 63.6

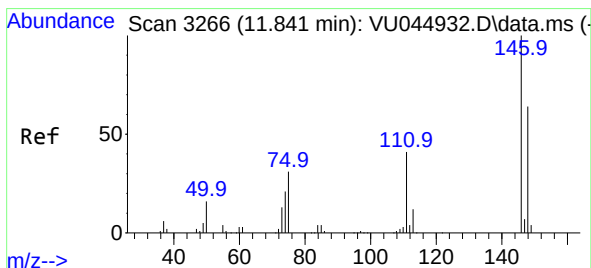
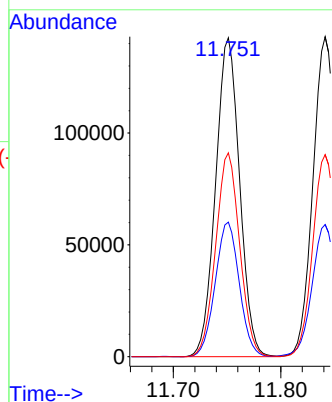
148 63.9 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2021

Supervised By :Mahesh Dadoda 09/30/2021



#88

1,4-Dichlorobenzene

Concen: 44.601 ug/l

RT: 11.841 min Scan# 3266

Delta R.T. 0.000 min

Lab File: VU044983.D

Acq: 29 Sep 2021 09:00

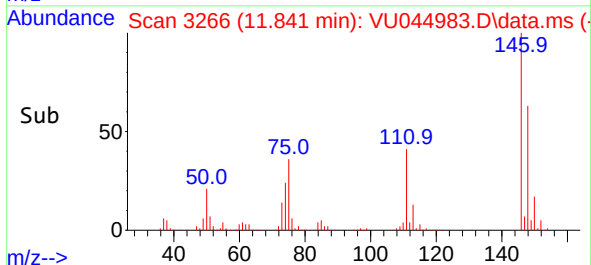
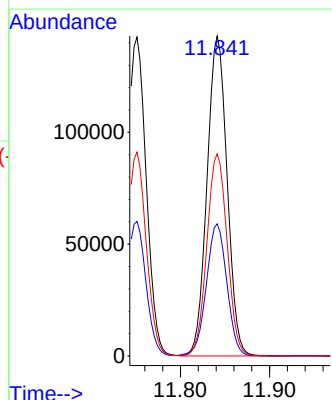
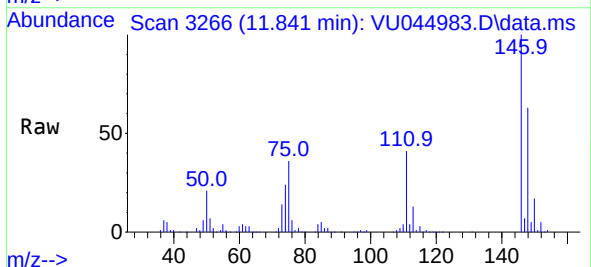
Tgt Ion:146 Resp: 223566

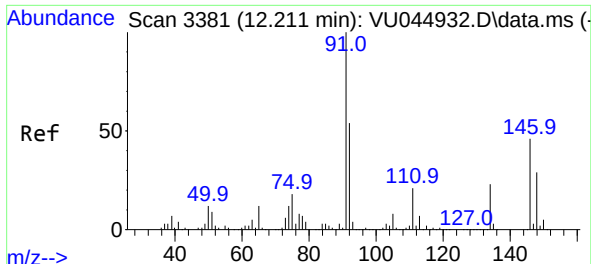
Ion Ratio Lower Upper

146 100

111 42.2 20.3 61.0

148 63.9 31.8 95.3





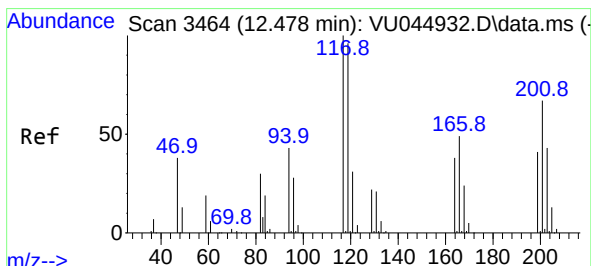
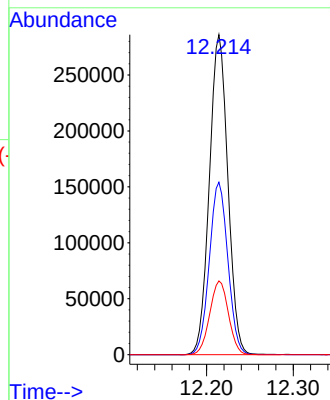
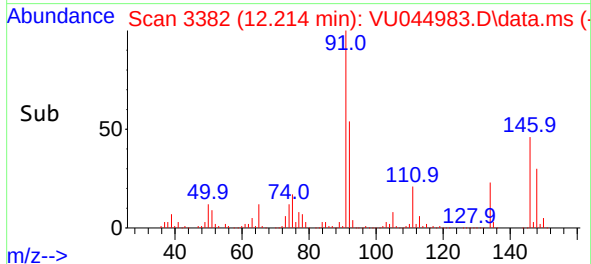
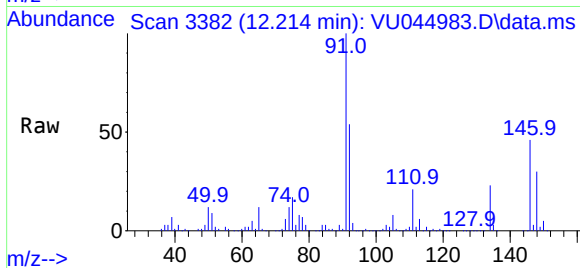
#89
n-Butylbenzene
Concen: 49.194 ug/l
RT: 12.214 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 423790
Ion Ratio Lower Upper
91 100
92 54.1 26.8 80.4
134 23.4 11.8 35.4

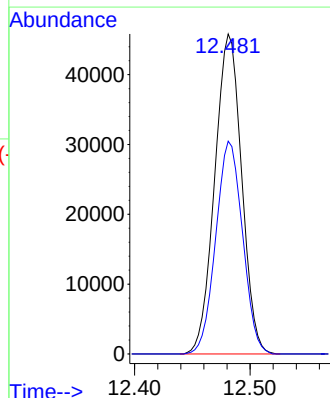
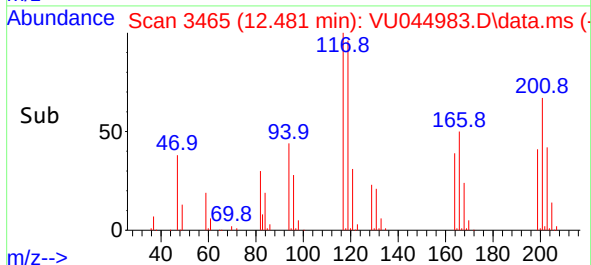
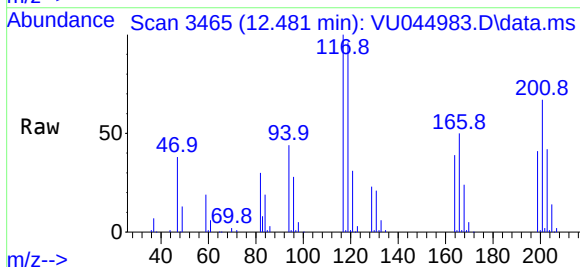
Manual Integrations
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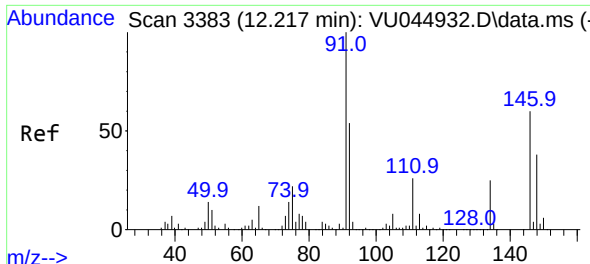
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021



#90
Hexachloroethane
Concen: 44.028 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Tgt Ion:117 Resp: 74363
Ion Ratio Lower Upper
117 100
201 66.1 34.8 104.3





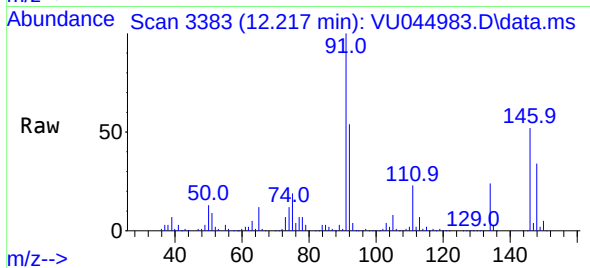
#91
1,2-Dichlorobenzene
Concen: 44.053 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

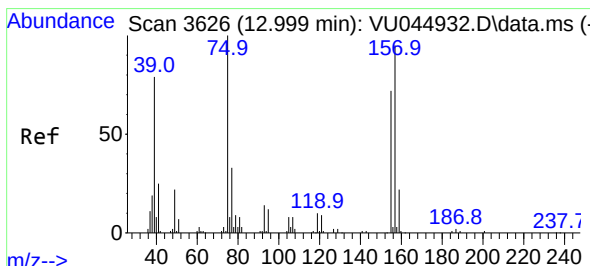
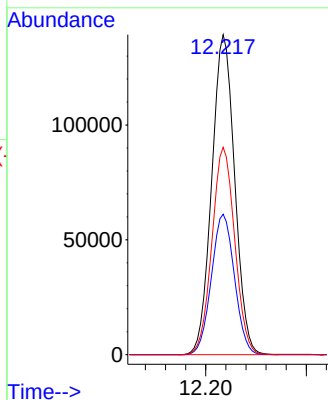
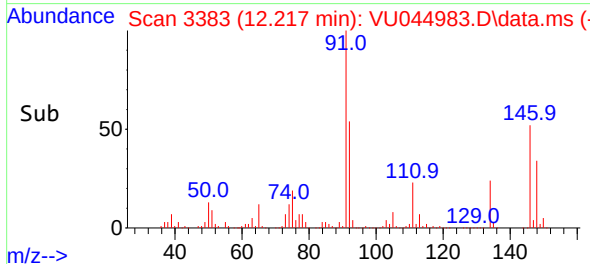


Tgt Ion:146 Resp: 220658
Ion Ratio Lower Upper
146 100
111 44.2 21.4 64.3
148 64.6 31.8 95.3

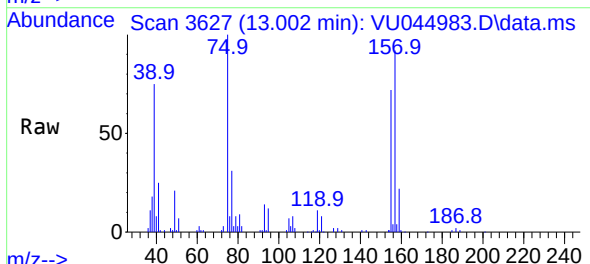
Manual Integrations

APPROVED

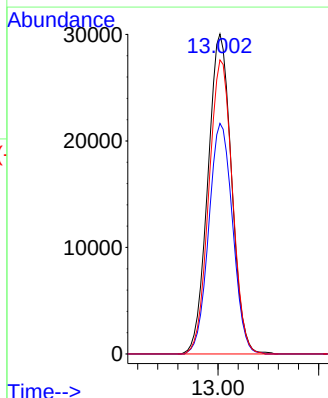
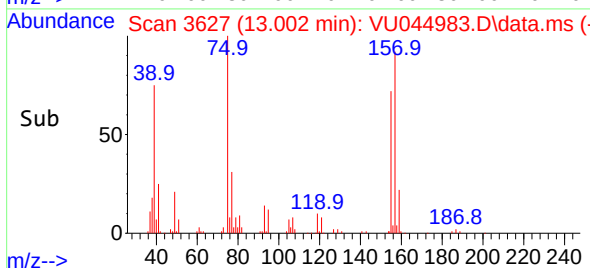
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

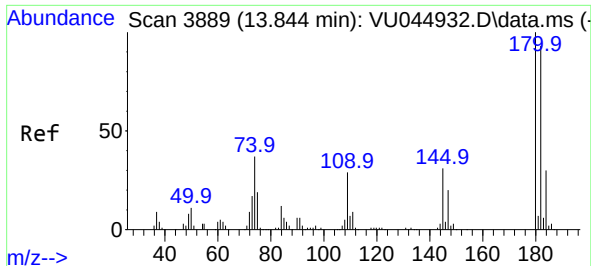


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.398 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00



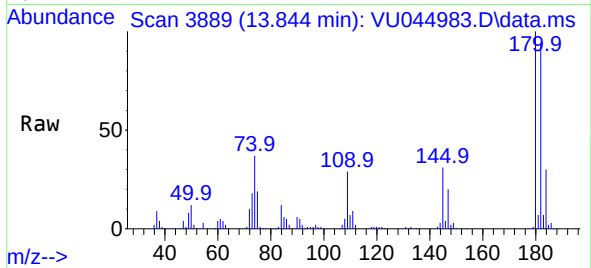
Tgt Ion: 75 Resp: 49112
Ion Ratio Lower Upper
75 100
155 72.6 36.9 110.6
157 91.0 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 48.457 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

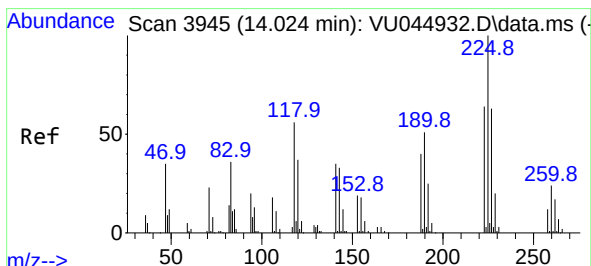
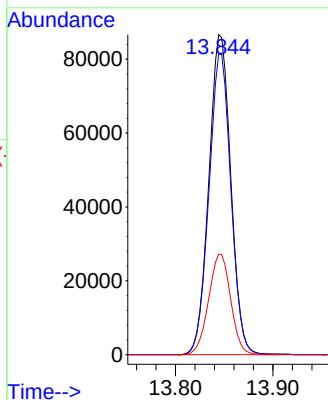
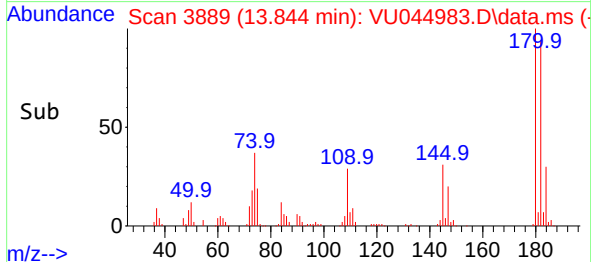
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



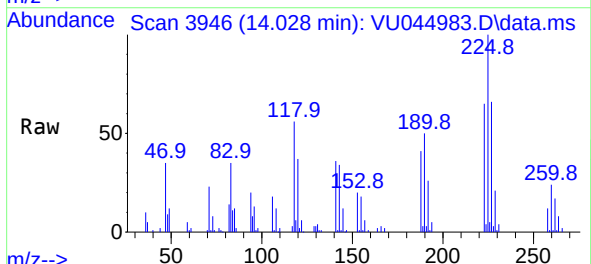
Tgt Ion:180 Resp: 135264
Ion Ratio Lower Upper
180 100
182 94.2 47.4 142.3
145 31.7 15.4 46.2

Manual Integrations
APPROVED

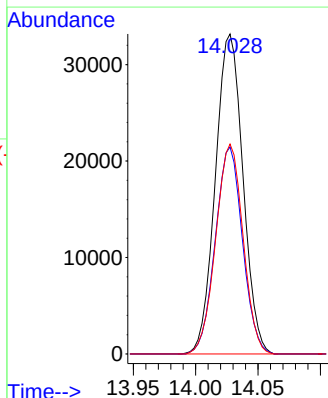
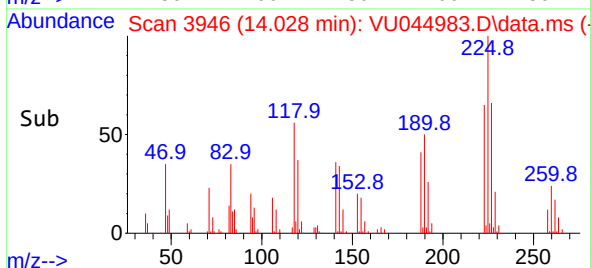
Reviewed By :John Carlone 09/29/2021
Supervised By :Mahesh Dadoda 09/30/2021

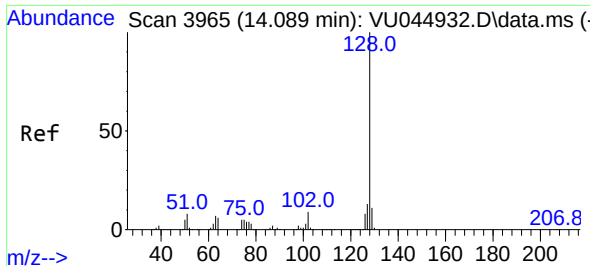


#94
Hexachlorobutadiene
Concen: 43.876 ug/l
RT: 14.028 min Scan# 3946
Delta R.T. 0.004 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00



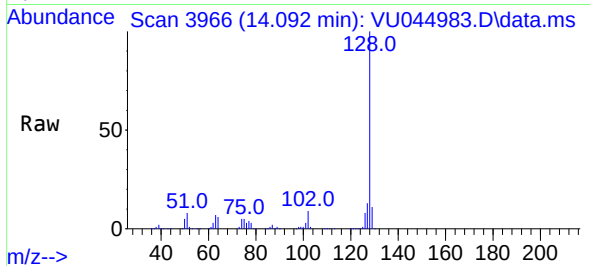
Tgt Ion:225 Resp: 51127
Ion Ratio Lower Upper
225 100
223 63.8 31.1 93.3
227 64.9 31.4 94.3





#95
Naphthalene
Concen: 46.338 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00

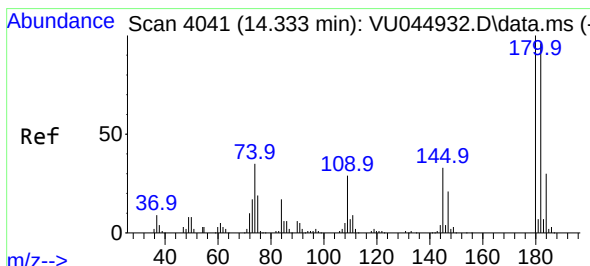
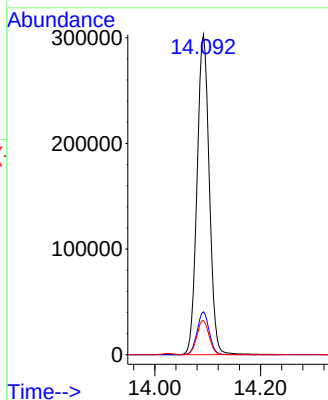
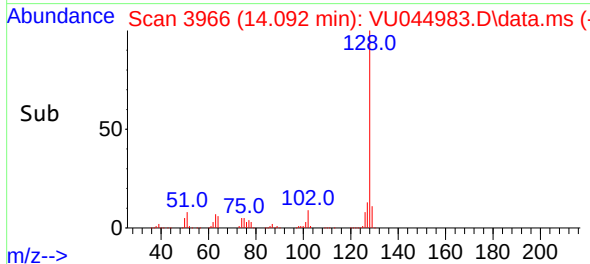
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



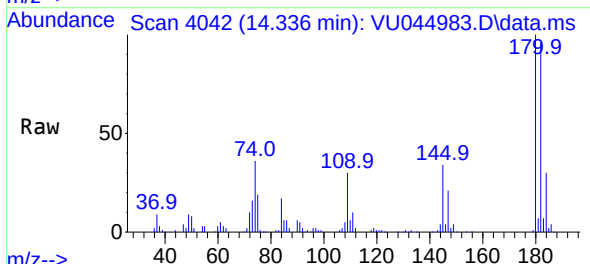
Tgt Ion:128 Resp: 486492
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.7 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 47.172 ug/l
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU044983.D
Acq: 29 Sep 2021 09:00



Tgt Ion:180 Resp: 132245
Ion Ratio Lower Upper
180 100
182 95.4 47.1 141.4
145 33.5 16.4 49.2

