

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042123\
 Data File : VU053832.D
 Acq On : 21 Apr 2023 19:08
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

Quant Time: Apr 22 03:21:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Apr 21 09:18:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	34906	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	14036	1.025	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	16265	1.000	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	103037	9.736	ug/l	99
3) Chloromethane	1.520	50	84800	8.899	ug/l	98
4) Vinyl Chloride	1.604	62	103227	9.370	ug/l	98
5) Bromomethane	1.858	94	69097	8.335	ug/l	100
6) Chloroethane	1.935	64	66368	9.409	ug/l	96
7) Trichlorofluoromethane	2.138	101	179924	9.722	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	108652	9.018	ug/l	93
9) 1,1-Dichloroethene	2.578	96	83319	8.448	ug/l	85
10) Iodomethane	2.723	142	104938	9.769	ug/l	97
11) Allyl Chloride	2.922	41	92414	7.890	ug/l	89
12) Acrylonitrile	3.324	53	38617	15.670	ug/l	94
13) Acetone	2.649	43	89156	25.881	ug/l	98
14) Carbon Disulfide	2.793	76	129391	7.988	ug/l	99
15) Methylene Chloride	3.041	84	120342	8.328	ug/l	89
16) trans-1,2-Dichloroethene	3.350	96	90338	8.470	ug/l	89
17) 1,1-Dichloroethane	3.864	63	192230	8.740	ug/l	99
18) 2-Butanone	4.713	43	125302	28.060	ug/l	99
19) Cyclohexane	5.385	56	121257m	7.968	ug/l	
20) Methylcyclohexane	6.761	83	149738	10.966	ug/l	90
21) 2,2-Dichloropropane	4.658	77	163197	8.163	ug/l	99
22) cis-1,2-Dichloroethene	4.662	96	117221	8.786	ug/l	93
23) Diethyl Ether	2.375	59	70754	9.730	ug/l	91
24) tert-Butyl Alcohol	3.266	59	81940m	82.760	ug/l	
25) Methyl tert-Butyl Ether	3.359	73	234782	8.532	ug/l	97
26) Bromochloromethane	4.970	128	51311	8.694	ug/l	88
27) Chloroform	5.083	83	213964	9.007	ug/l	97
28) 1,1,1-Trichloroethane	5.311	97	184490	9.372	ug/l	96
29) 1,1-Dichloropropene	5.523	75	130292	10.397	ug/l	100
30) Carbon Tetrachloride	5.520	117	151060	10.721	ug/l	100
31) Isopropyl Ether	3.986	45	266716	8.384	ug/l	94
32) Ethyl-t-butyl ether	4.494	59	271168	8.426	ug/l	93
33) Tert-Amyl methyl ether	5.935	73	256786	10.921	ug/l	98
34) Propionitrile	4.797	54	39860	39.920	ug/l #	11
35) Benzene	5.771	78	411881	10.672	ug/l	99
36) 1,2-Dichloroethane	5.790	62	121282	10.003	ug/l	100
37) Trichloroethene	6.536	130	117841	10.753	ug/l	93
38) 1,2-Dichloropropane	6.787	63	118500	10.787	ug/l	99
39) Methacrylonitrile	4.970	41	28038	7.037	ug/l	94
40) Methyl acrylate	4.842	55	50554	7.684	ug/l #	97
41) Tetrahydrofuran	5.067	42	27914	14.135	ug/l	92
42) 1-Chlorobutane	5.452	56	166722	9.748	ug/l	94
43) Dibromomethane	6.912	93	56845	10.202	ug/l	97
44) Bromodichloromethane	7.102	83	148727	10.589	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.787	43	284016	50.115	ug/l #	94
46) t-1,4-Dichloro-2-butene	10.832	75	48010m	20.403	ug/l	
47) Methyl methacrylate	6.957	69	105442	21.545	ug/l	89
48) Ethyl methacrylate	8.330	69	101596	10.590	ug/l	89
49) Toluene	7.964	92	265065	10.899	ug/l	97
50) t-1,3-Dichloropropene	8.205	75	138501	10.975	ug/l	99
51) cis-1,3-Dichloropropene	7.604	75	162609	10.792	ug/l	95
52) 1,1,2-Trichloroethane	8.395	97	87968	9.950	ug/l	98
53) 1,3-Dichloropropane	8.571	76	145779	10.531	ug/l	100
54) 2-Hexanone	8.681	43	203860	38.358	ug/l	94
55) Dibromochloromethane	8.803	129	100238	10.781	ug/l	99
56) 1,2-Dibromoethane	8.919	107	80003	10.492	ug/l	97
58) Tetrachloroethene	8.549	164	115352	10.885	ug/l	98
59) Chlorobenzene	9.443	112	321976	10.640	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.530	131	116428	10.670	ug/l	98
61) Pentachloroethane	11.423	117	79562	9.455	ug/l	92
62) Hexachloroethane	12.472	117	86766	10.564	ug/l	98
63) Ethyl Benzene	9.565	91	538359	11.268	ug/l	99
64) m/p-Xylenes	9.690	106	419513	22.286	ug/l	95
65) o-Xylene	10.095	106	206390	10.874	ug/l	98
66) Styrene	10.108	104	339647	11.254	ug/l	100
67) Bromoform	10.285	173	52629	10.893	ug/l	100
69) Isopropylbenzene	10.478	105	553687	11.162	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.777	83	109773	9.643	ug/l	98
71) 1,2,3-Trichloropropane	10.822	75	56473m	6.874	ug/l	
72) Bromobenzene	10.777	156	133288	10.475	ug/l	90
73) n-propylbenzene	10.902	120	162813	11.831	ug/l	88
74) 2-Chlorotoluene	10.983	126	137924	10.603	ug/l	89
75) 1,3,5-Trimethylbenzene	11.083	105	480469	11.103	ug/l	98
76) 4-Chlorotoluene	11.092	126	146153	11.022	ug/l	88
77) tert-Butylbenzene	11.414	119	467762	10.742	ug/l	97
78) 1,2,4-Trimethylbenzene	11.462	105	498190	11.282	ug/l	98
79) sec-Butylbenzene	11.639	105	638229	10.904	ug/l	96
80) Nitrobenzene	13.201	77	14729	40.845	ug/l #	91
81) p-Isopropyltoluene	11.790	119	537005	11.199	ug/l	98
82) 1,3-Dichlorobenzene	11.742	146	281414	10.345	ug/l	99
83) 1,4-Dichlorobenzene	11.832	146	278640	10.274	ug/l	98
84) n-Butylbenzene	12.205	91	501829	9.526	ug/l	98
85) 1,2-Dichlorobenzene	12.208	146	262087	9.852	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.992	75	16726	10.435	ug/l	88
87) 1,2,4-Trichlorobenzene	13.835	180	168538	9.585	ug/l	99
88) Hexachlorobutadiene	14.015	225	90418	9.640	ug/l	99
89) Naphthalene	14.082	128	291211	9.451	ug/l	99
90) 1,2,3-Trichlorobenzene	14.324	180	154189	9.223	ug/l	99

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

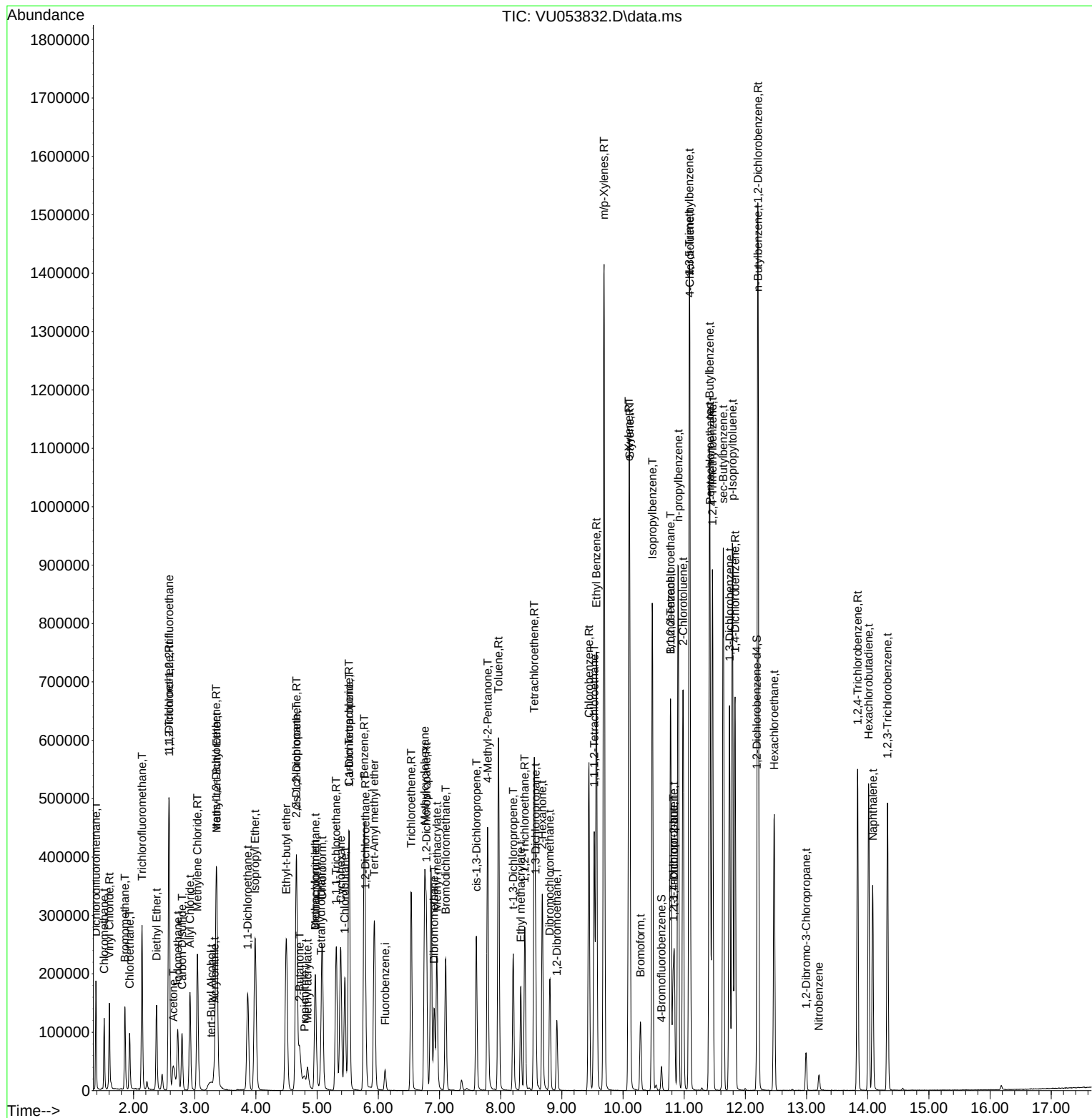
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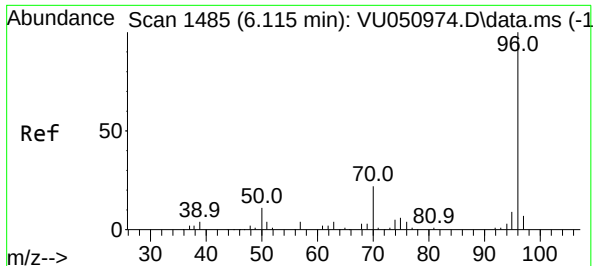
Instrument :
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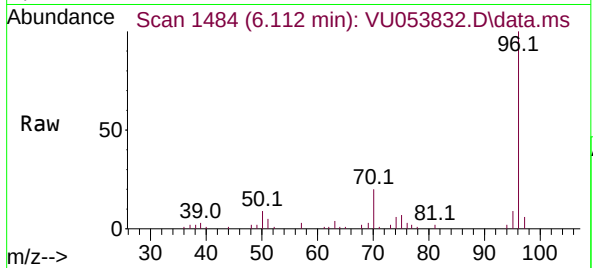
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 1485
Delta R.T. 0.004 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

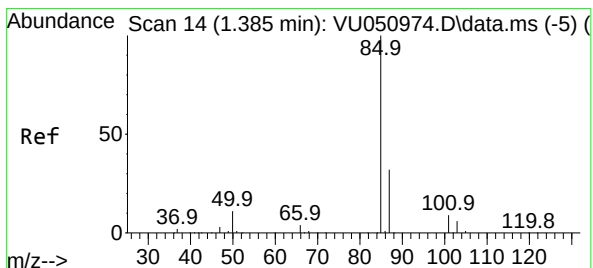
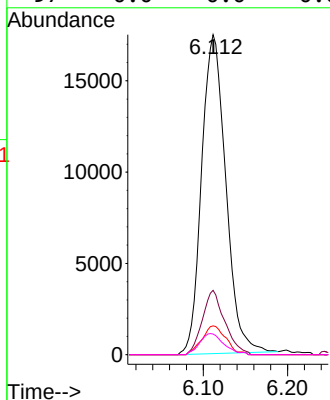
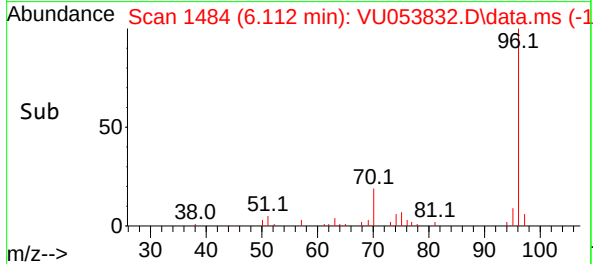
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 96 Resp: 34900
Ion Ratio Lower Upper
96 100
70 18.6 16.5 24.7
95 9.0 7.4 11.0
97 0.0 0.0 0.0

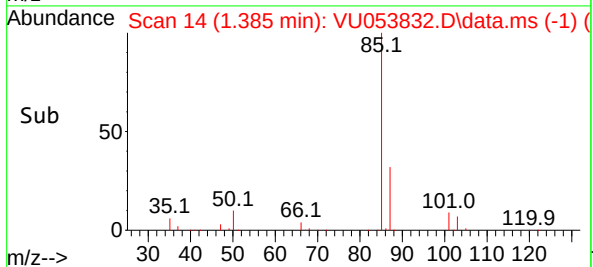
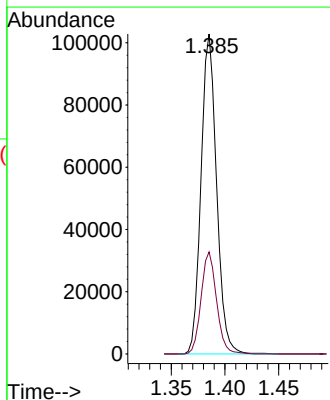
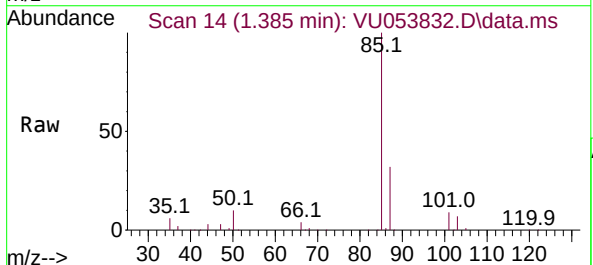
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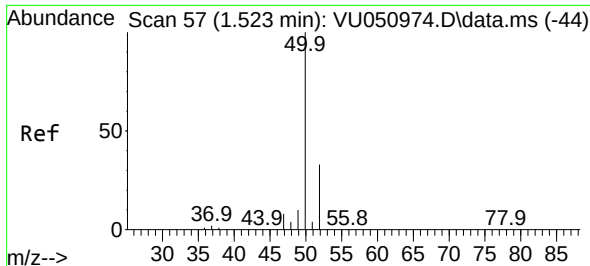
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#2
Dichlorodifluoromethane
Concen: 9.736 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

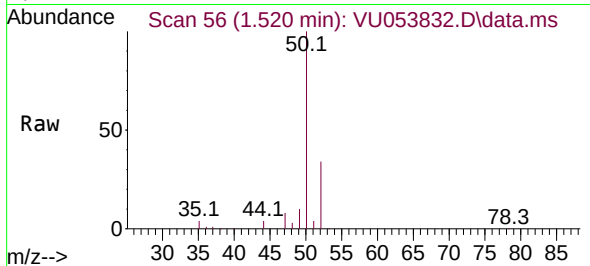
Tgt Ion: 85 Resp: 103037
Ion Ratio Lower Upper
85 100
87 31.9 16.2 48.6





#3
Chloromethane
Concen: 8.899 ug/l
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

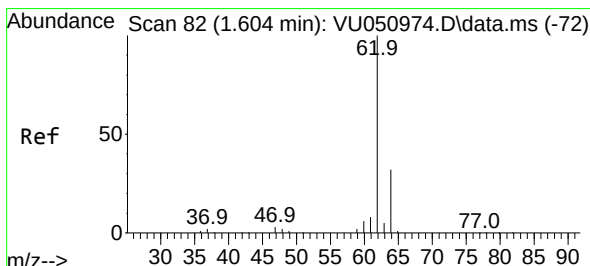
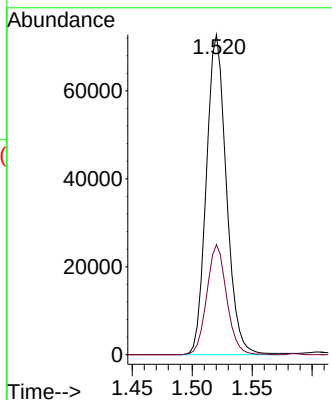
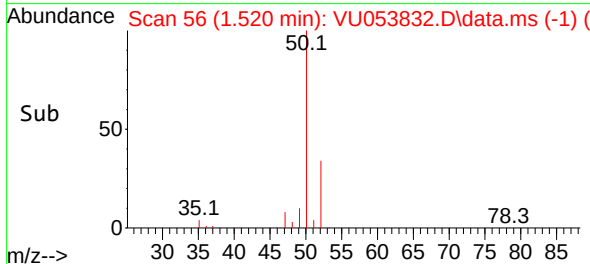
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Tgt Ion: 50 Resp: 84800
Ion Ratio Lower Upper
50 100
52 34.4 26.6 40.0

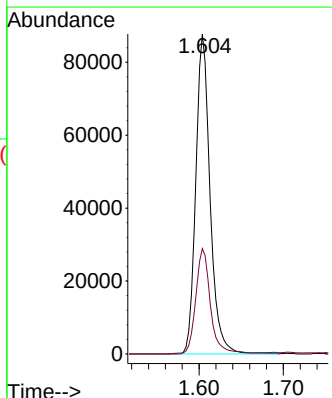
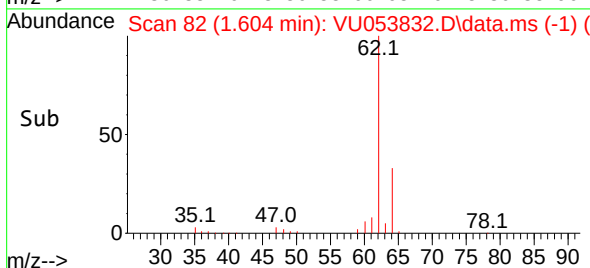
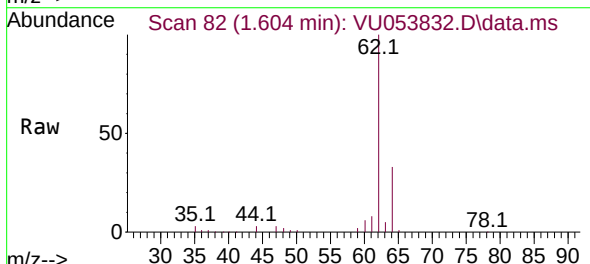
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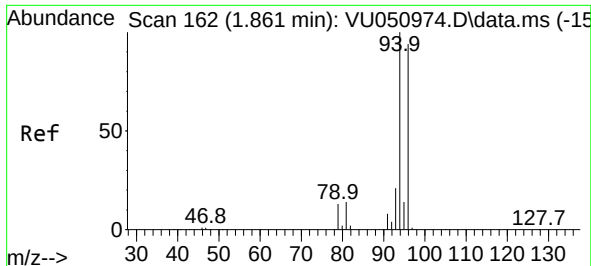
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#4
Vinyl Chloride
Concen: 9.370 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

Tgt Ion: 62 Resp: 103227
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.2





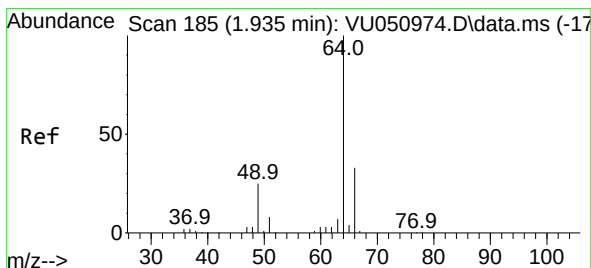
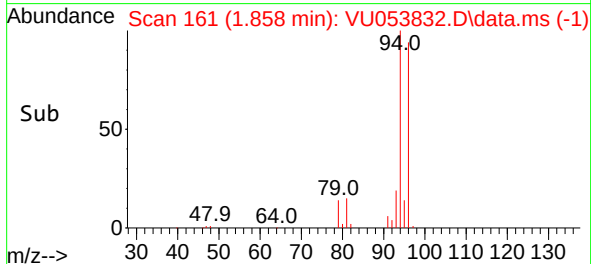
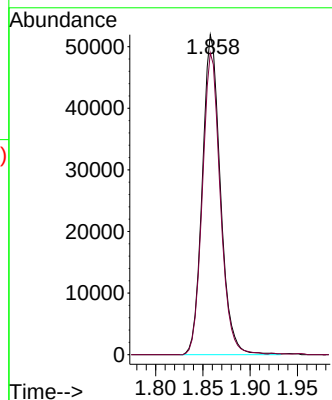
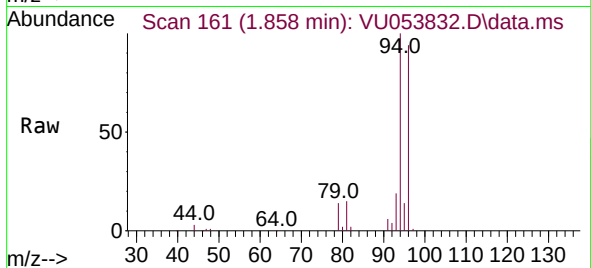
#5
Bromomethane
Concen: 8.335 ug/l
RT: 1.858 min Scan# 1
Delta R.T. 0.013 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 94 Resp: 6909
Ion Ratio Lower Upper
94 100
96 94.3 75.4 113.2

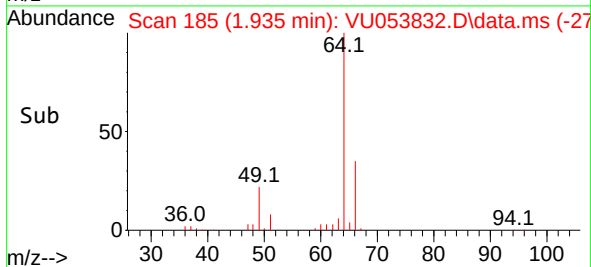
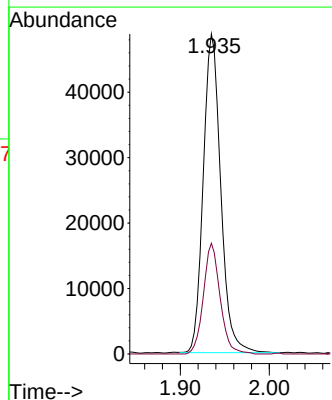
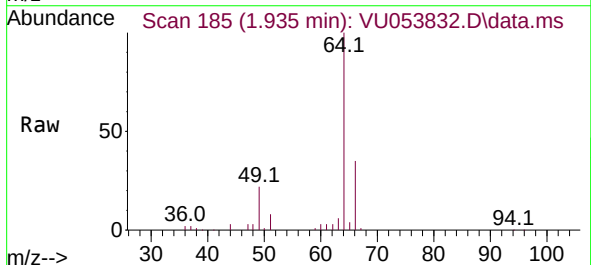
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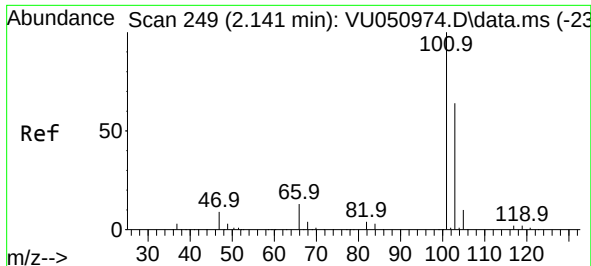
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#6
Chloroethane
Concen: 9.409 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.006 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

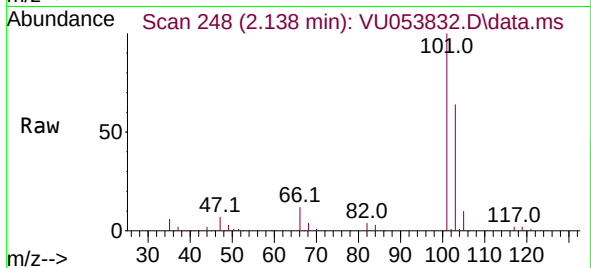
Tgt Ion: 64 Resp: 66368
Ion Ratio Lower Upper
64 100
66 34.7 26.0 39.0





#7
Trichlorofluoromethane
Concen: 9.722 ug/l
RT: 2.138 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU053832.D
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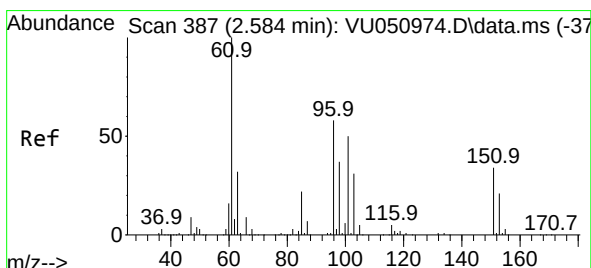
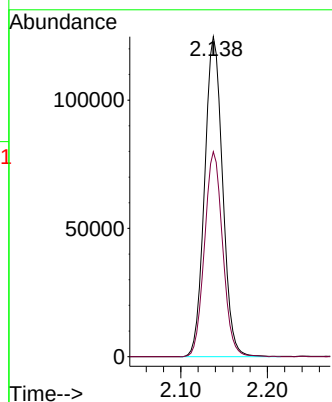
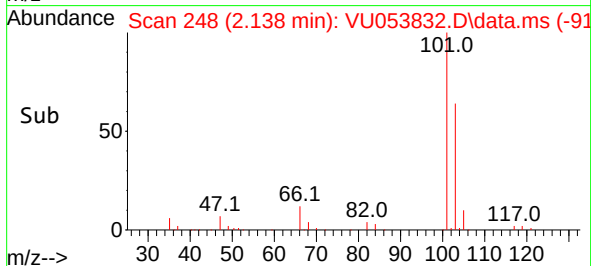
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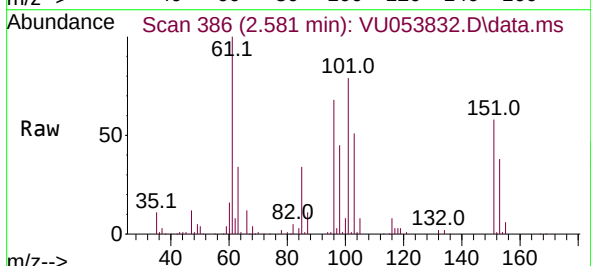
Tgt Ion:101 Resp: 179924
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0

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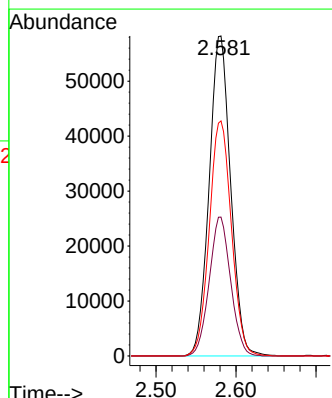
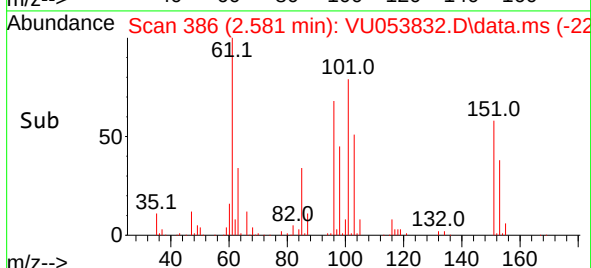
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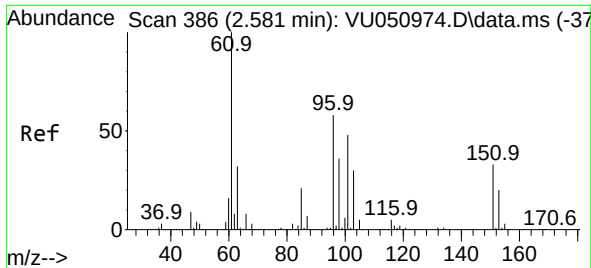


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.018 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU053832.D
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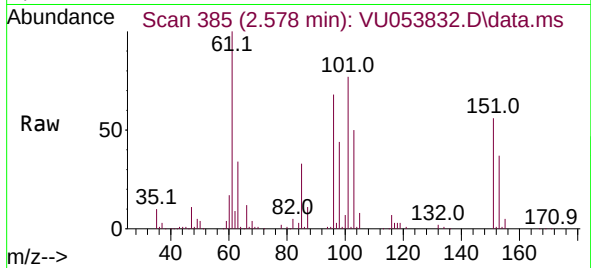
Tgt Ion:101 Resp: 108652
Ion Ratio Lower Upper
101 100
85 43.2 35.4 53.0
151 75.7 54.0 81.0





#9
1,1-Dichloroethene
Concen: 8.448 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU053832.D
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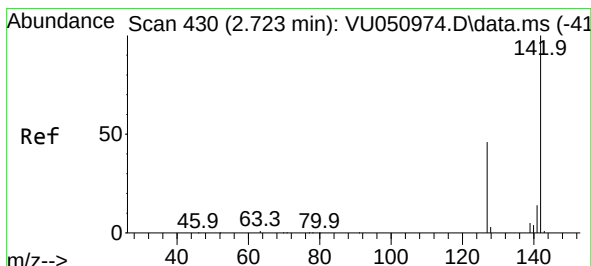
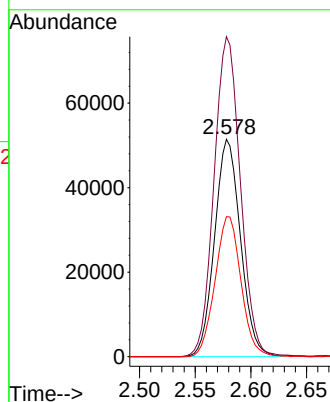
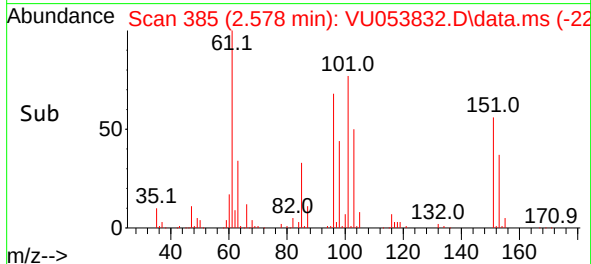
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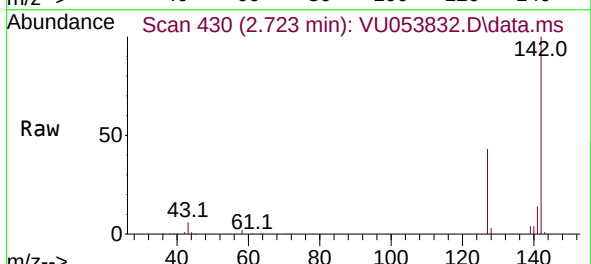
Tgt Ion: 96 Resp: 83319
Ion Ratio Lower Upper
96 100
61 147.2 0.0 521.4
98 64.4 0.0 125.8

Manual Integrations
APPROVED

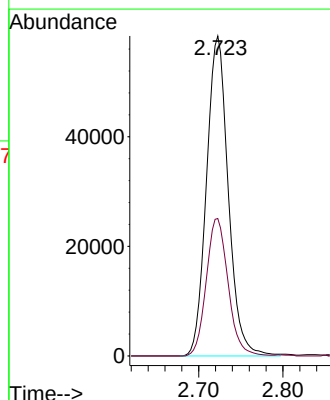
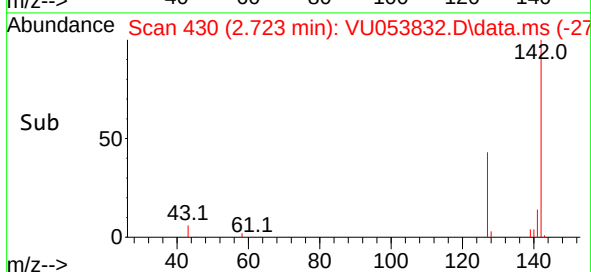
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

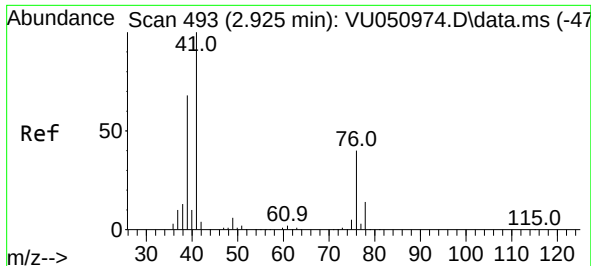


#10
Iodomethane
Concen: 9.769 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.003 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08



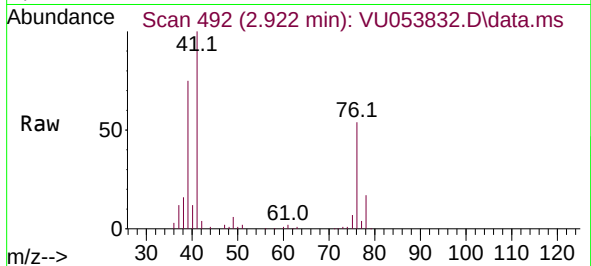
Tgt Ion:142 Resp: 104938
Ion Ratio Lower Upper
142 100
127 43.1 35.9 53.9





#11
 Allyl Chloride
 Concen: 7.890 ug/l
 RT: 2.922 min Scan# 491
 Delta R.T. 0.003 min
 Lab File: VU053832.D
 Acq: 21 Apr 2023 19:08

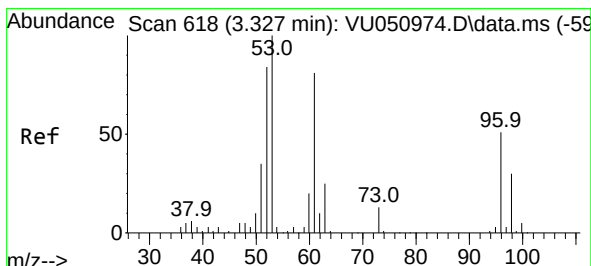
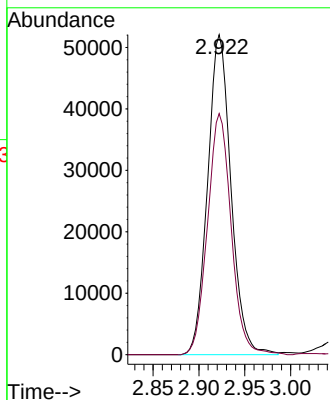
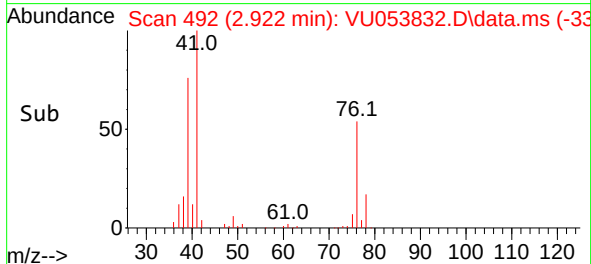
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



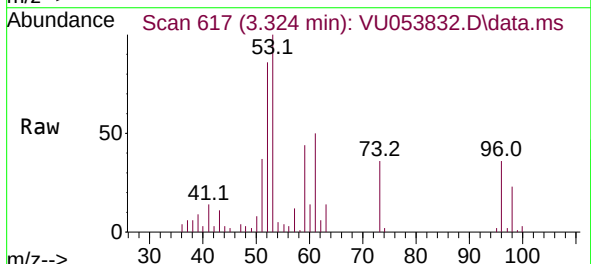
Tgt Ion: 41 Resp: 92414
 Ion Ratio Lower Upper
 41 100
 39 76.2 54.2 81.2

Manual Integrations
 APPROVED

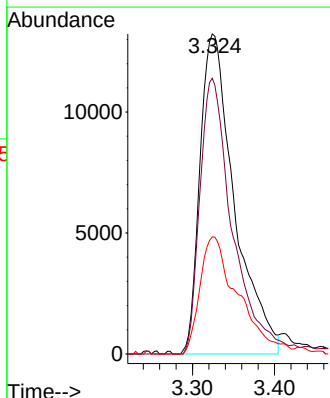
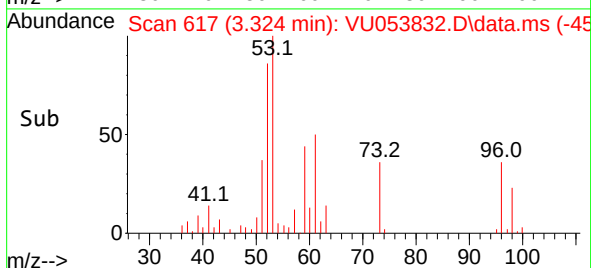
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

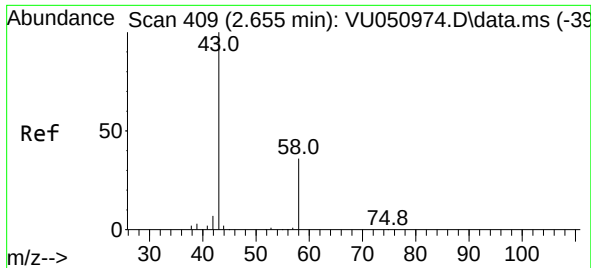


#12
 Acrylonitrile
 Concen: 15.670 ug/l
 RT: 3.324 min Scan# 617
 Delta R.T. 0.016 min
 Lab File: VU053832.D
 Acq: 21 Apr 2023 19:08



Tgt Ion: 53 Resp: 38617
 Ion Ratio Lower Upper
 53 100
 52 81.8 62.9 94.3
 51 40.6 27.8 41.6





#13

Acetone

Concen: 25.881 ug/l

RT: 2.649 min Scan# 407

Delta R.T. 0.029 min

Lab File: VU053832.D

Acq: 21 Apr 2023 19:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 89150

Ion Ratio Lower Upper

43 100

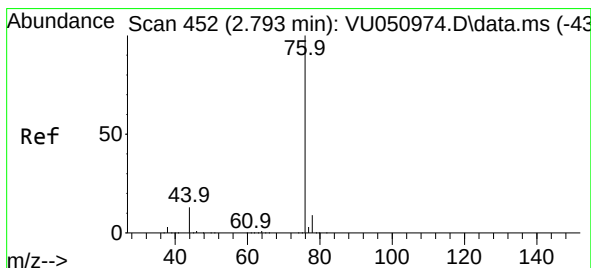
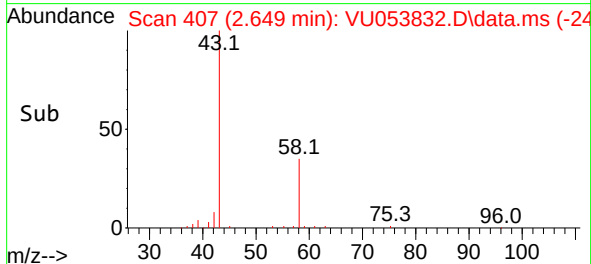
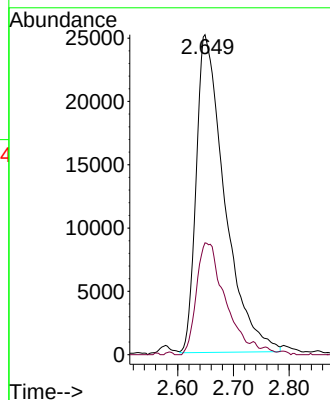
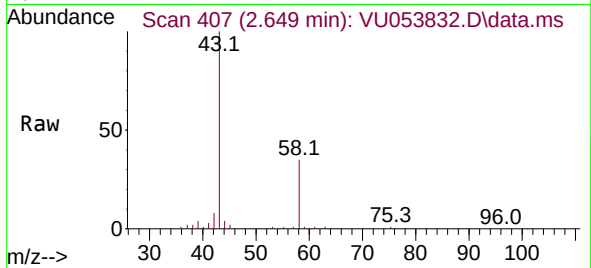
58 35.3 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#14

Carbon Disulfide

Concen: 7.988 ug/l

RT: 2.793 min Scan# 452

Delta R.T. 0.006 min

Lab File: VU053832.D

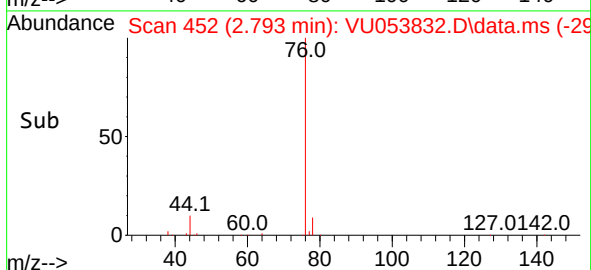
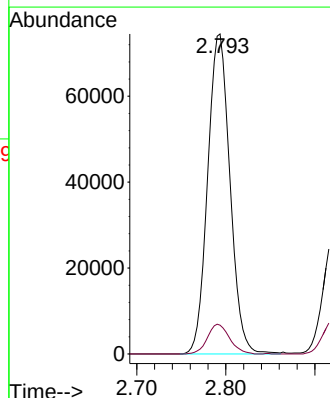
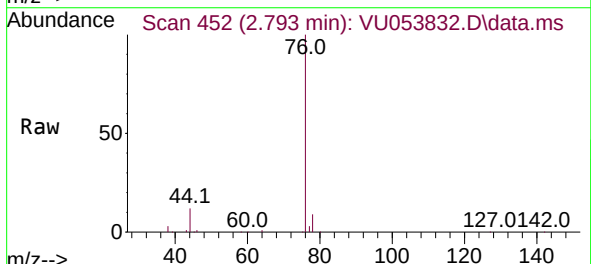
Acq: 21 Apr 2023 19:08

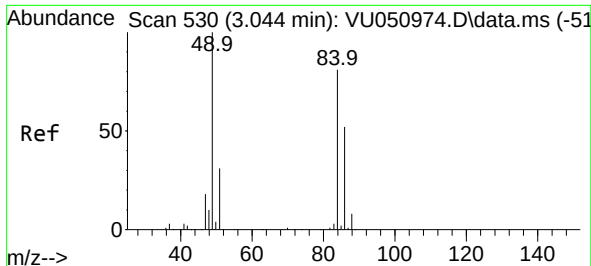
Tgt Ion: 76 Resp: 129391

Ion Ratio Lower Upper

76 100

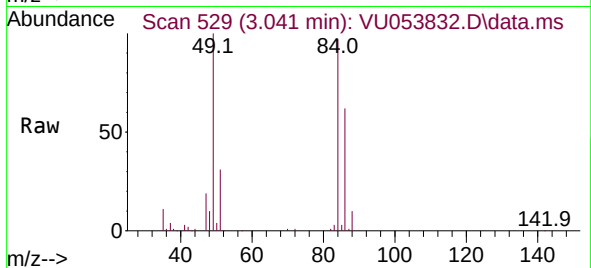
78 9.0 7.4 11.0





#15
Methylene Chloride
Concen: 8.328 ug/l
RT: 3.041 min Scan# 511
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

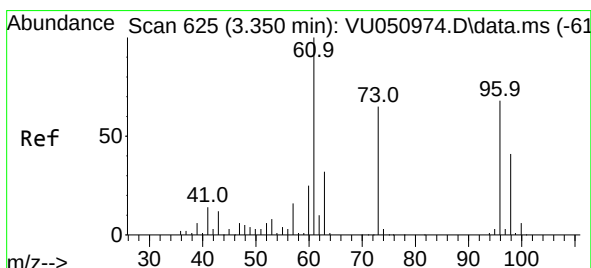
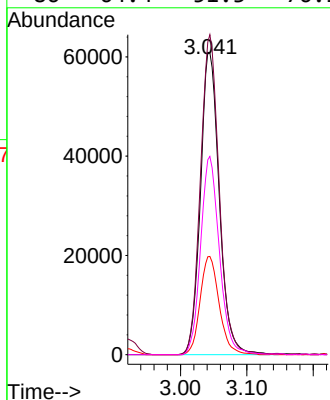
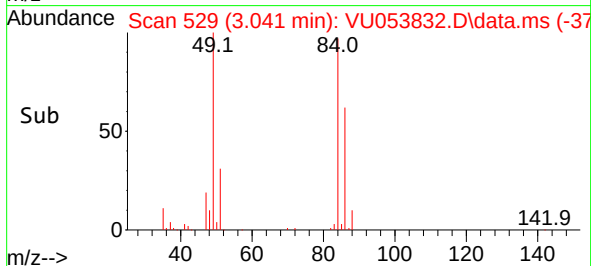
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:	84	Resp:	12034
Ion	Ratio	Lower	Upper
84	100		
49	103.4	98.9	148.3
51	32.4	0.0	75.4
86	64.4	51.3	76.9

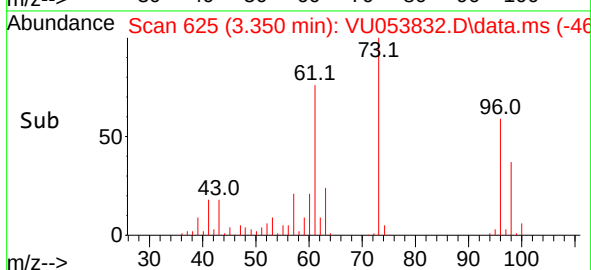
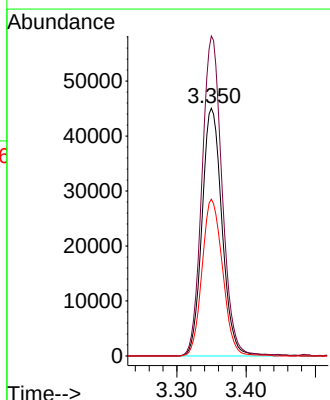
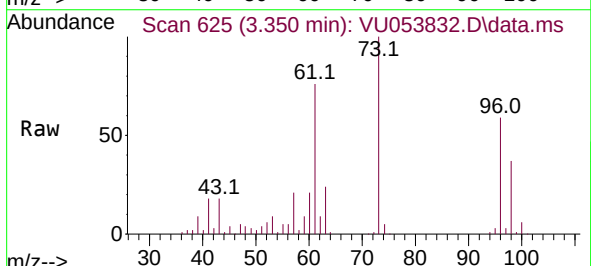
Manual Integrations
APPROVED

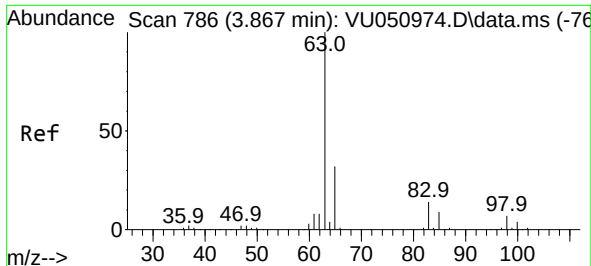
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#16
trans-1,2-Dichloroethene
Concen: 8.470 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.003 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

Tgt Ion:	96	Resp:	90338
Ion	Ratio	Lower	Upper
96	100		
61	129.2	117.5	176.3
98	63.3	48.3	72.5





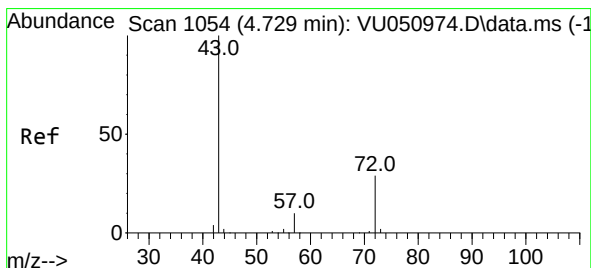
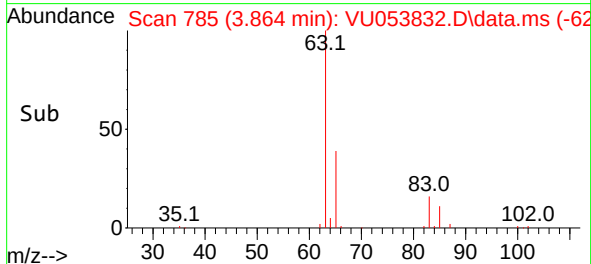
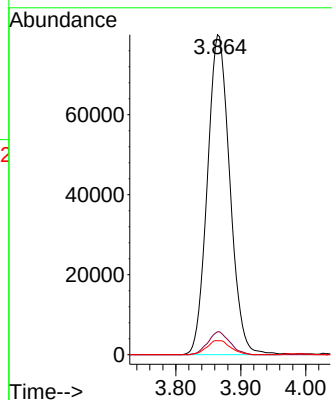
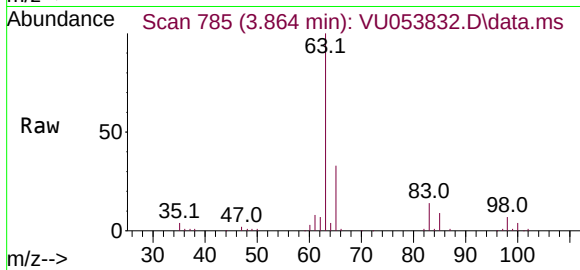
#17
1,1-Dichloroethane
Concen: 8.740 ug/l
RT: 3.864 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 192230
Ion Ratio Lower Upper
63 100
98 7.1 3.4 10.1
100 4.4 2.2 6.6

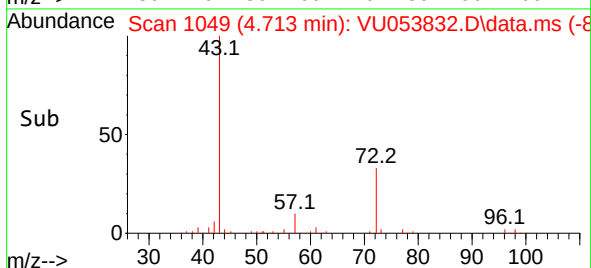
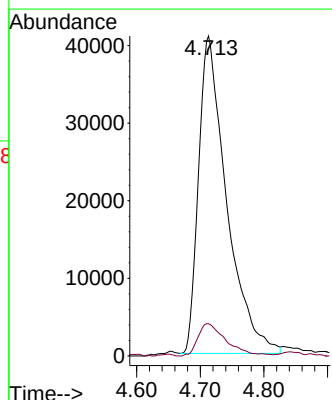
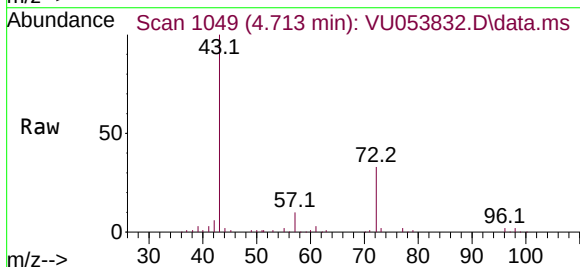
Manual Integrations
APPROVED

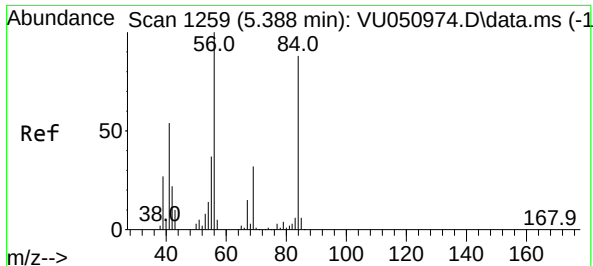
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#18
2-Butanone
Concen: 28.060 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

Tgt Ion: 43 Resp: 125302
Ion Ratio Lower Upper
43 100
57 10.1 0.0 19.6





#19

Cyclohexane

Concen: 7.968 ug/l m

RT: 5.385 min Scan# 1259

Delta R.T. 0.010 min

Lab File: VU053832.D

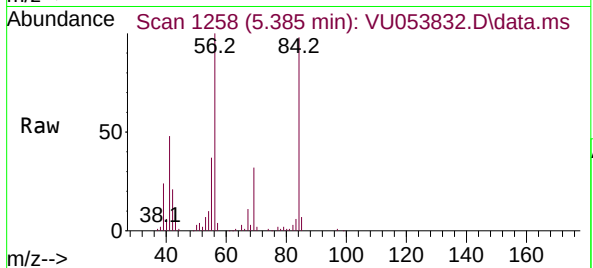
Acq: 21 Apr 2023 19:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



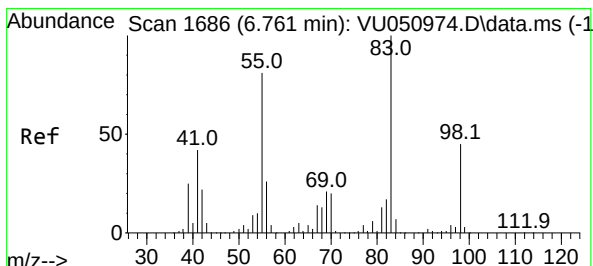
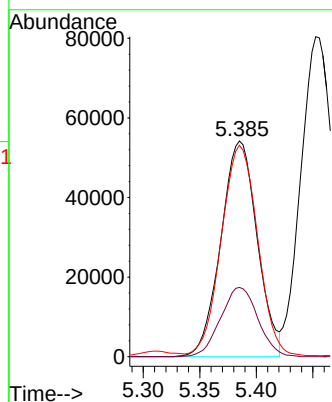
Tgt Ion:	56	Resp:	12125
Ion Ratio	Lower	Upper	
56	100		
69	32.9	24.6	37.0
84	95.9	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#20

Methylcyclohexane

Concen: 10.966 ug/l

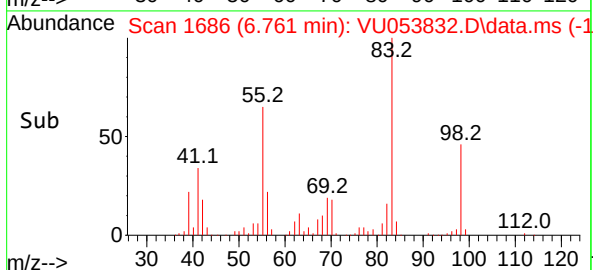
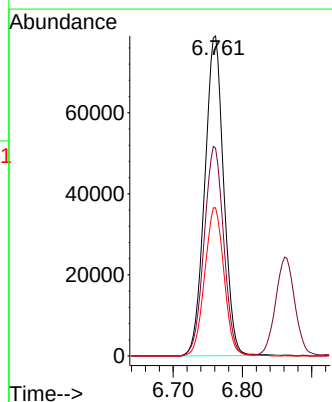
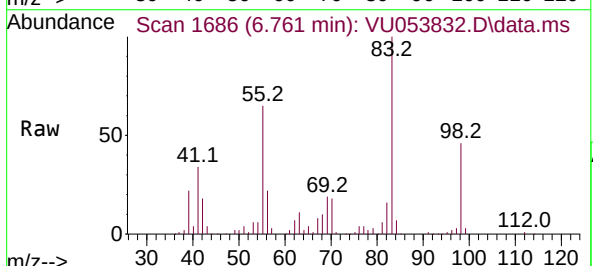
RT: 6.761 min Scan# 1686

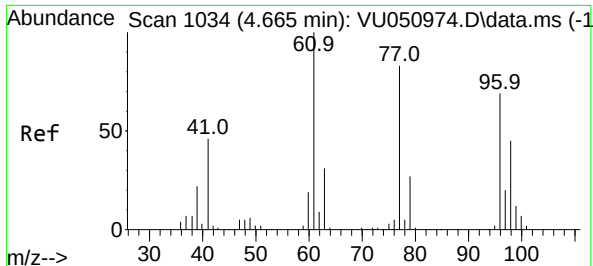
Delta R.T. 0.006 min

Lab File: VU053832.D

Acq: 21 Apr 2023 19:08

Tgt Ion:	83	Resp:	149738
Ion Ratio	Lower	Upper	
83	100		
55	67.2	63.5	95.3
98	47.3	36.0	54.0





#21

2,2-Dichloropropane

Concen: 8.163 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VU053832.D

Acq: 21 Apr 2023 19:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 77 Resp: 16319

Ion Ratio Lower Upper

77 100

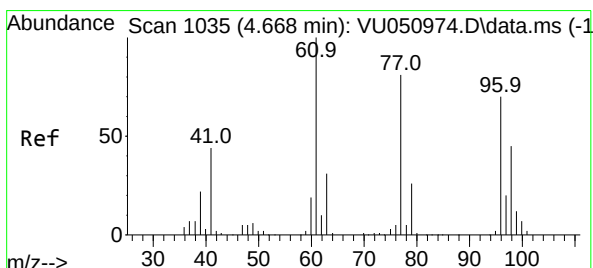
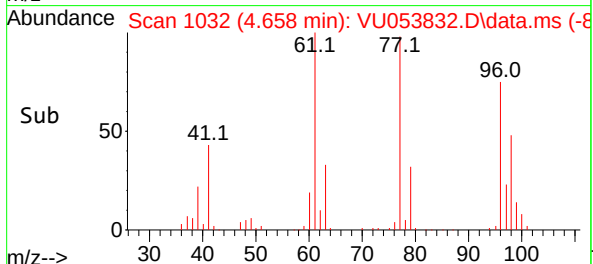
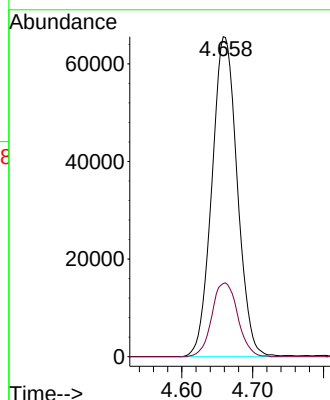
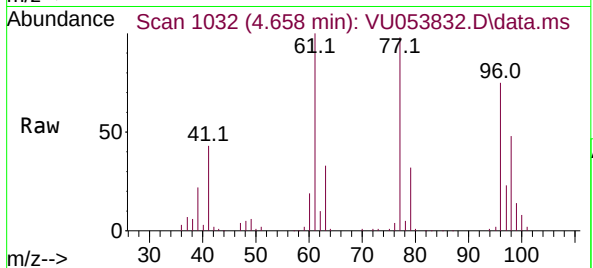
97 23.5 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#22

cis-1,2-Dichloroethene

Concen: 8.786 ug/l

RT: 4.662 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU053832.D

Acq: 21 Apr 2023 19:08

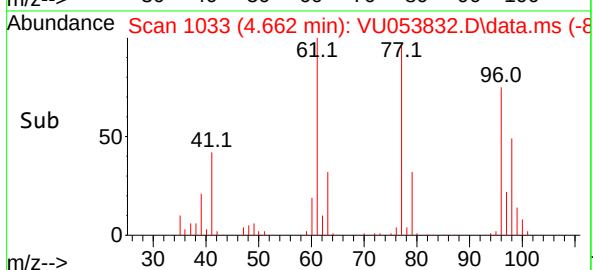
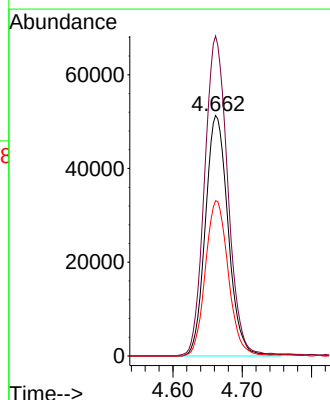
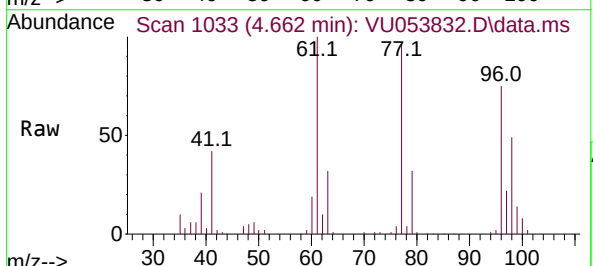
Tgt Ion: 96 Resp: 117221

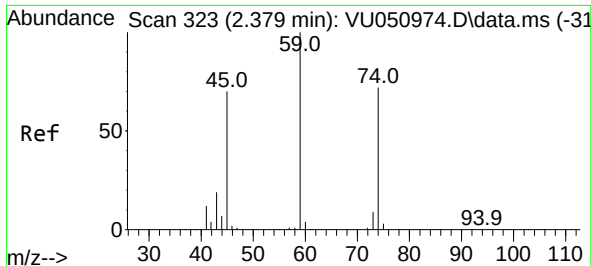
Ion Ratio Lower Upper

96 100

61 134.8 0.0 365.8

98 64.8 32.0 96.0





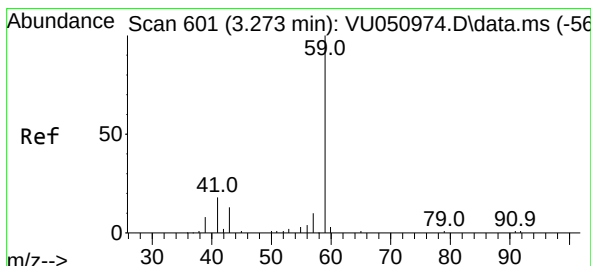
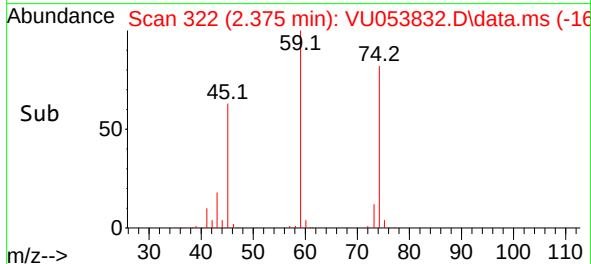
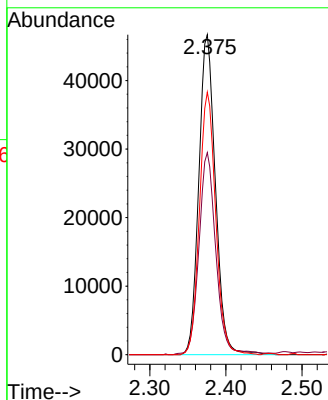
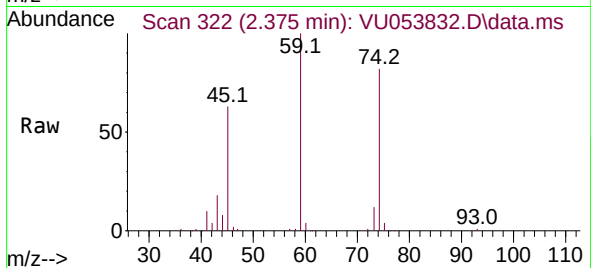
#23
Diethyl Ether
Concen: 9.730 ug/l
RT: 2.375 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 70754
Ion Ratio Lower Upper
59 100
45 64.4 56.1 84.1
74 80.6 57.4 86.2

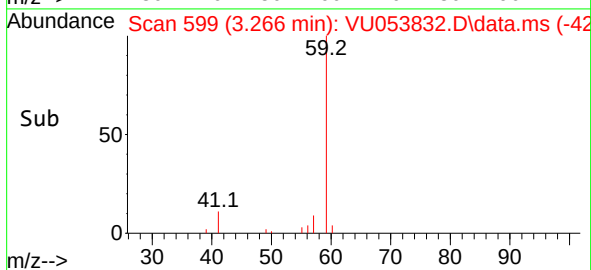
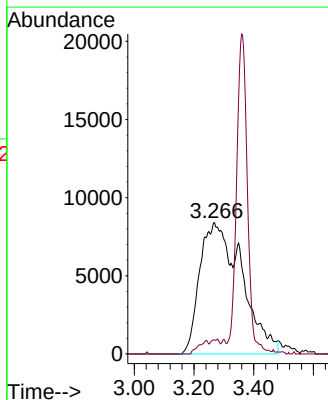
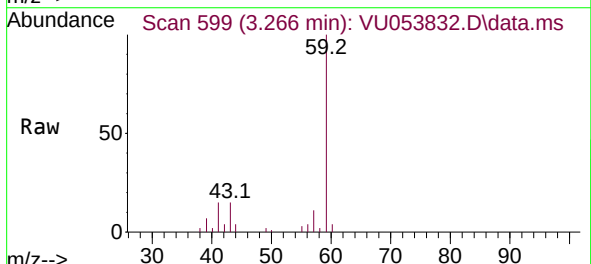
Manual Integrations
APPROVED

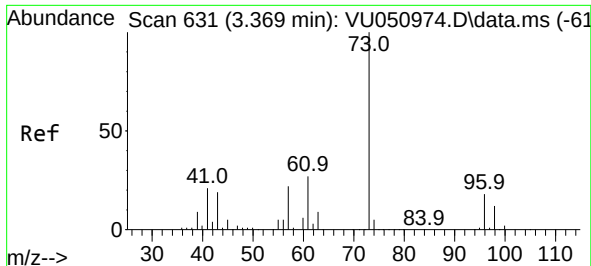
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#24
tert-Butyl Alcohol
Concen: 82.760 ug/l m
RT: 3.266 min Scan# 599
Delta R.T. 0.077 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

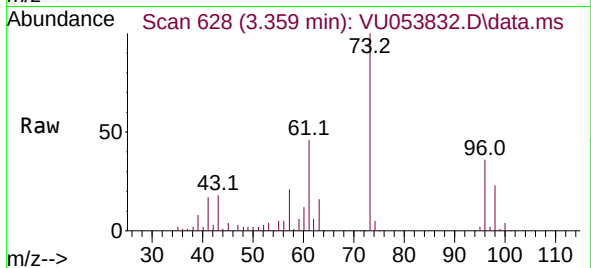
Tgt Ion: 59 Resp: 81940
Ion Ratio Lower Upper
59 100
57 2.4 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 8.532 ug/l
RT: 3.359 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

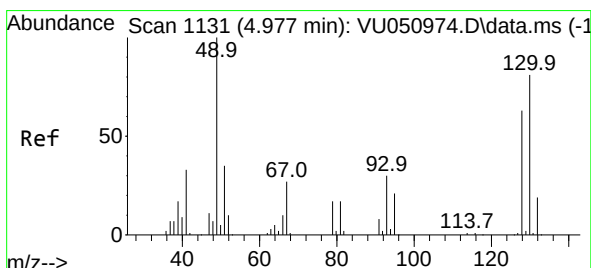
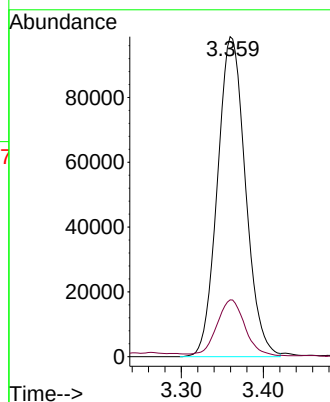
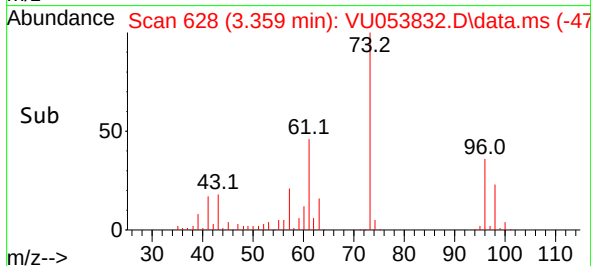
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



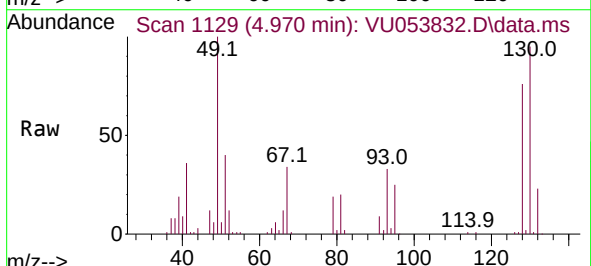
Tgt Ion: 73 Resp: 23478
Ion Ratio Lower Upper
73 100
43 17.4 15.0 22.6

Manual Integrations
APPROVED

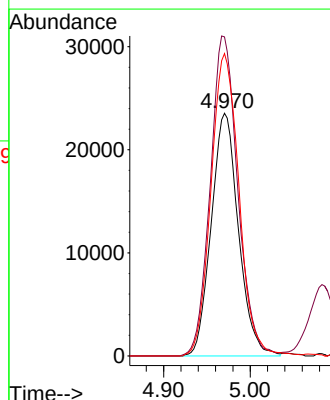
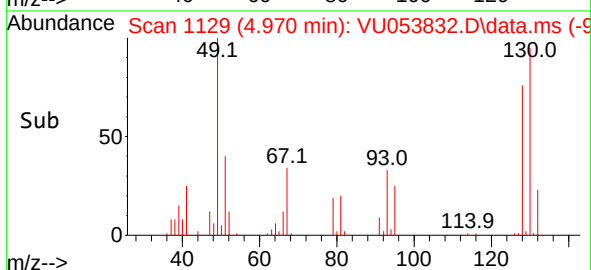
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

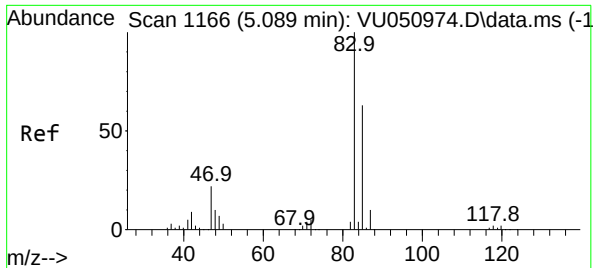


#26
Bromochloromethane
Concen: 8.694 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08



Tgt Ion:128 Resp: 51311
Ion Ratio Lower Upper
128 100
49 133.4 0.0 324.6
130 128.5 103.0 154.4





#27

Chloroform

Concen: 9.007 ug/l

RT: 5.083 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU053832.D

Acq: 21 Apr 2023 19:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 213964

Ion Ratio Lower Upper

83 100

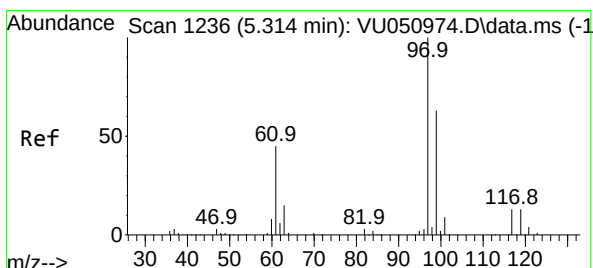
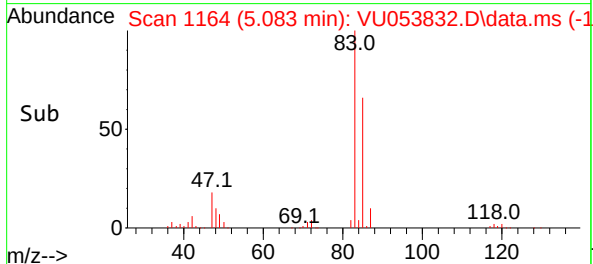
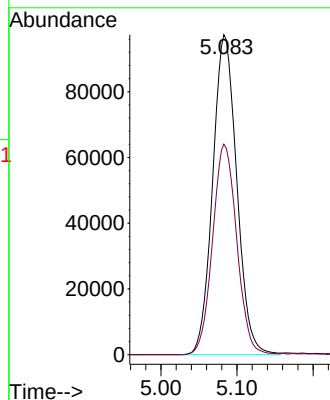
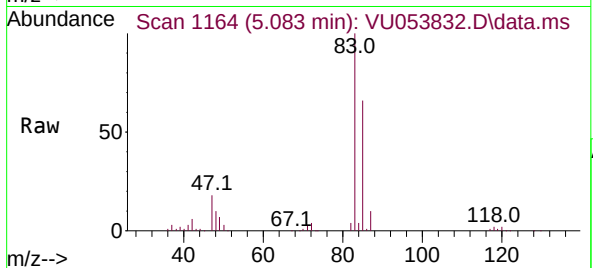
85 65.8 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#28

1,1,1-Trichloroethane

Concen: 9.372 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VU053832.D

Acq: 21 Apr 2023 19:08

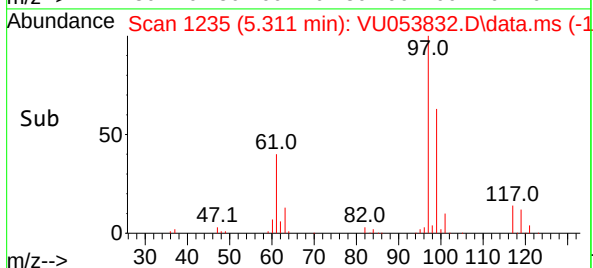
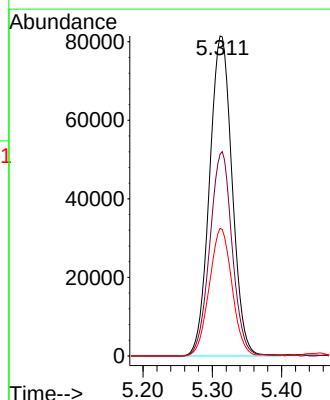
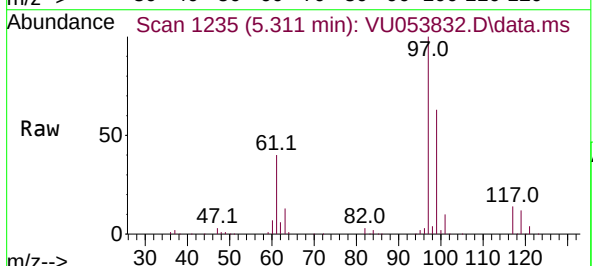
Tgt Ion: 97 Resp: 184490

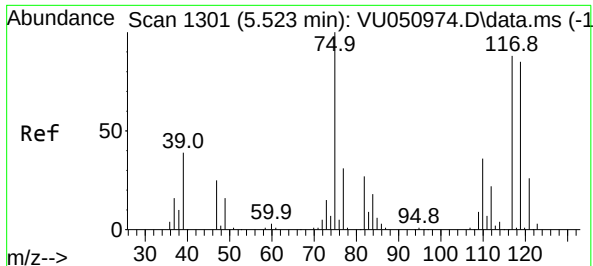
Ion Ratio Lower Upper

97 100

99 63.3 32.0 96.2

61 40.1 22.9 68.5





#29
1,1-Dichloropropene
Concen: 10.397 ug/l
RT: 5.523 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

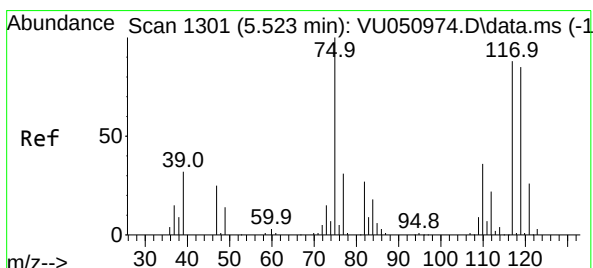
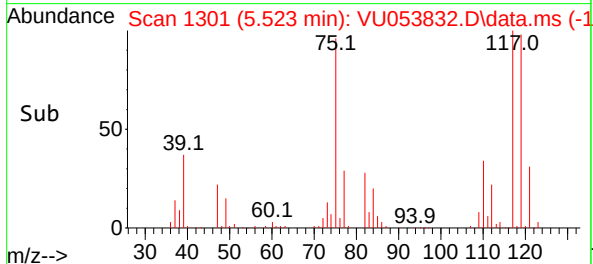
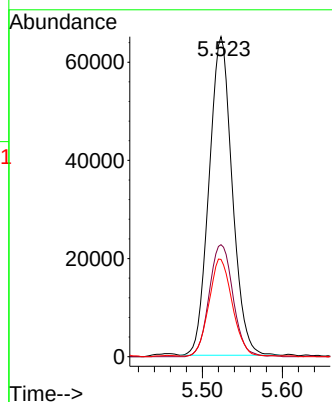
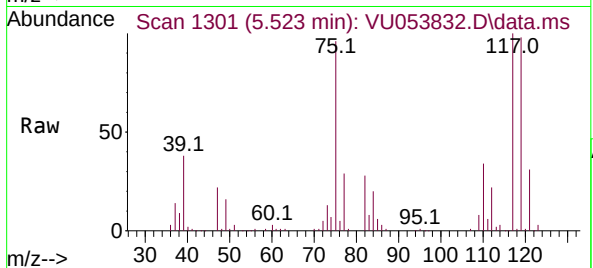
Tgt Ion: 75 Resp: 130292
Ion Ratio Lower Upper
75 100
110 36.3 18.0 54.0
77 30.7 24.7 37.1

Manual Integrations

APPROVED

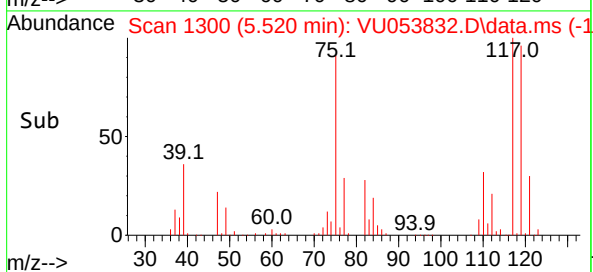
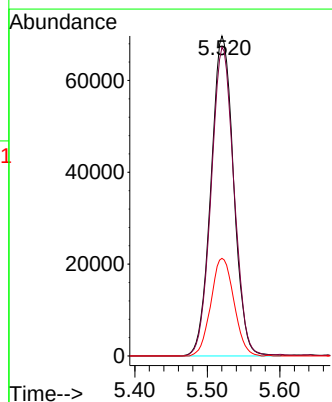
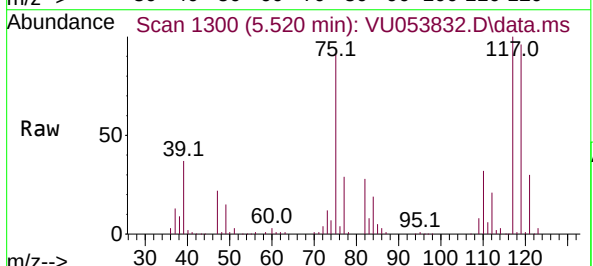
Reviewed By :Krupa Patel 04/28/2023

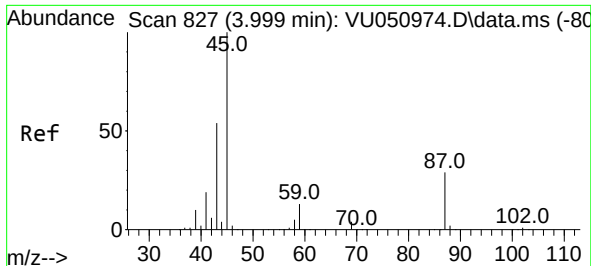
Supervised By :Mahesh Dadoda 04/28/2023



#30
Carbon Tetrachloride
Concen: 10.721 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

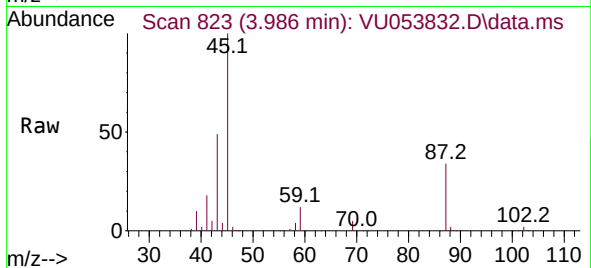
Tgt Ion:117 Resp: 151060
Ion Ratio Lower Upper
117 100
119 96.5 77.4 116.0
121 30.5 24.0 36.0





#31
Isopropyl Ether
Concen: 8.384 ug/l
RT: 3.986 min Scan# 81
Delta R.T. -0.010 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

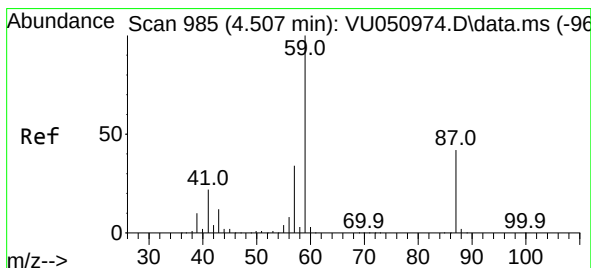
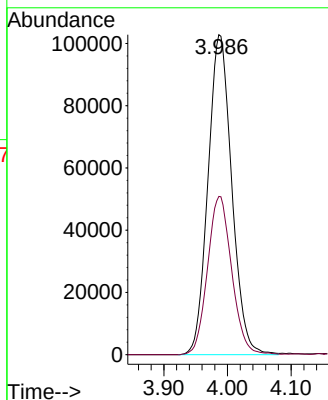
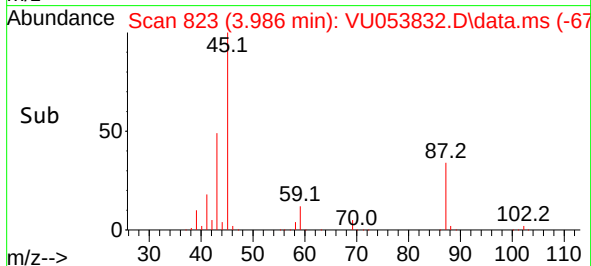
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



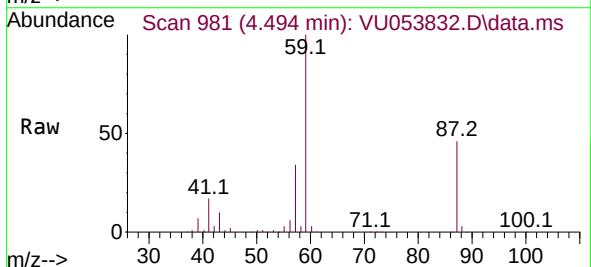
Tgt Ion: 45 Resp: 266710
Ion Ratio Lower Upper
45 100
43 50.4 27.5 82.5

Manual Integrations
APPROVED

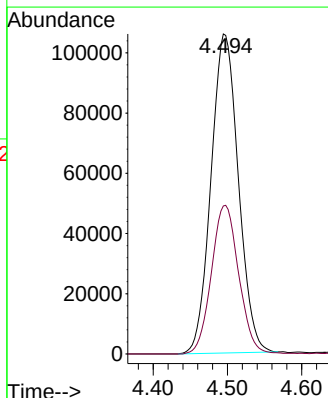
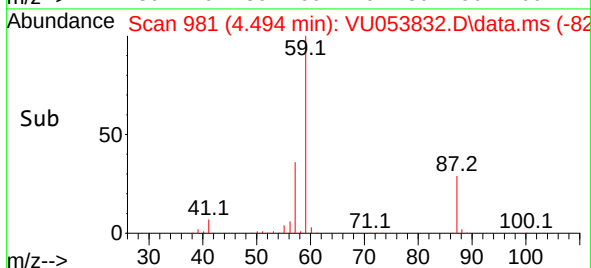
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

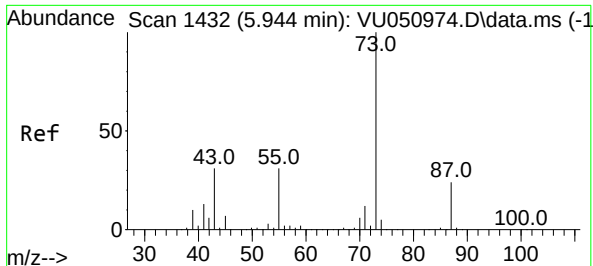


#32
Ethyl-t-butyl ether
Concen: 8.426 ug/l
RT: 4.494 min Scan# 981
Delta R.T. -0.013 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08



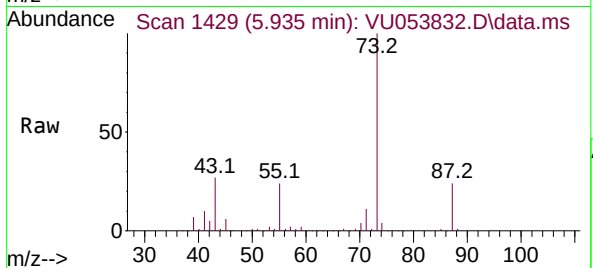
Tgt Ion: 59 Resp: 271168
Ion Ratio Lower Upper
59 100
87 46.2 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 10.921 ug/l
RT: 5.935 min Scan# 1432
Delta R.T. -0.009 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

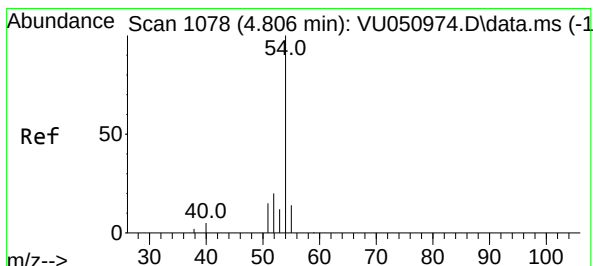
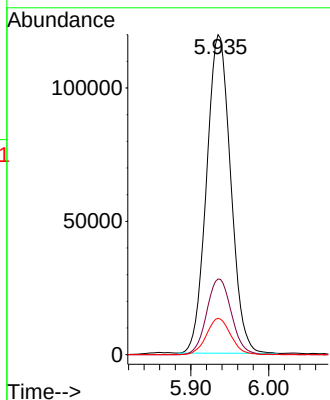
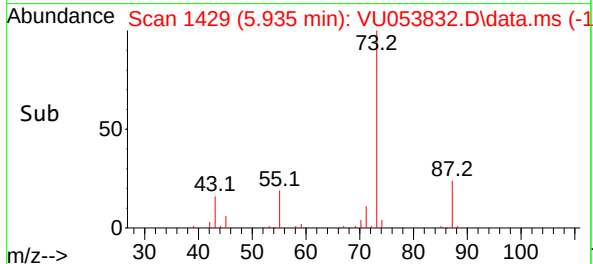
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 73 Resp: 256780
Ion Ratio Lower Upper
73 100
87 24.2 18.6 28.0
71 11.3 9.9 14.9

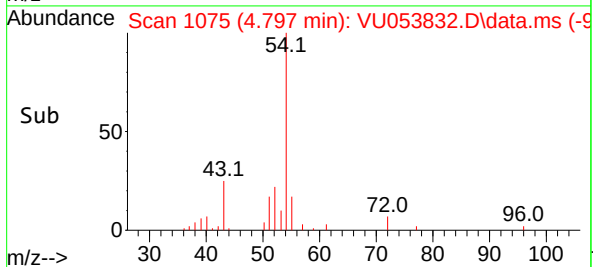
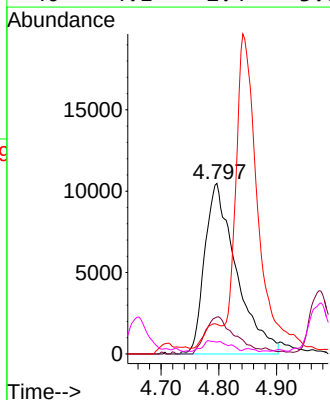
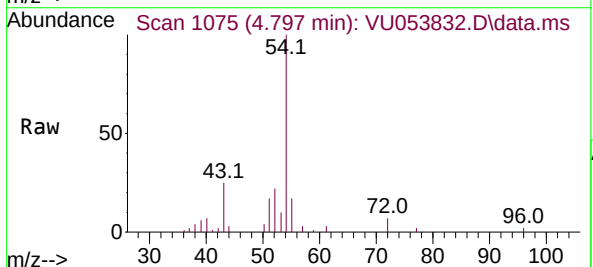
Manual Integrations
APPROVED

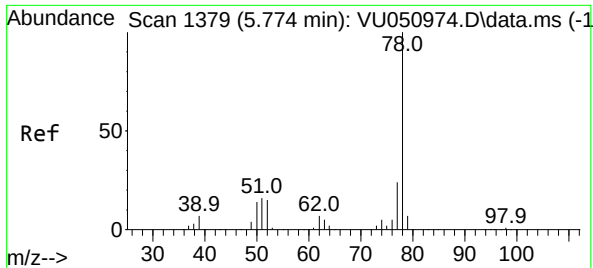
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#34
Propionitrile
Concen: 39.920 ug/l
RT: 4.797 min Scan# 1075
Delta R.T. 0.019 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

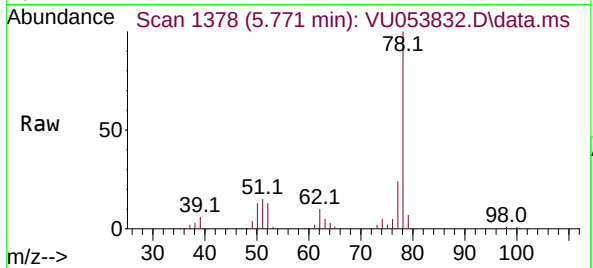
Tgt Ion: 54 Resp: 39860
Ion Ratio Lower Upper
54 100
52 20.4 17.4 26.0
55 7.1 104.1 156.1#
40 4.1 2.4 3.6#





#35
Benzene
Concen: 10.672 ug/l
RT: 5.771 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

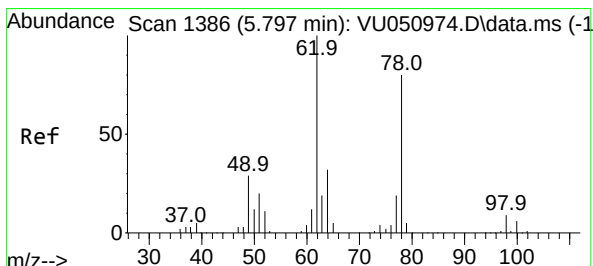
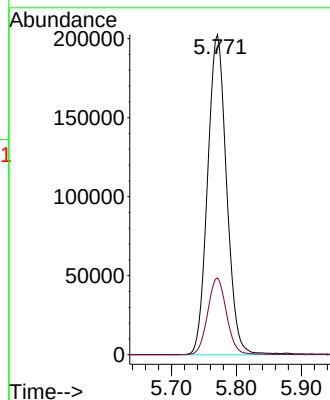
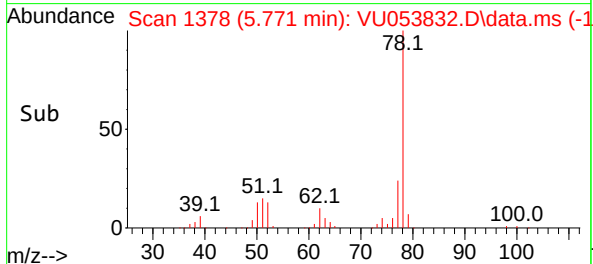
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



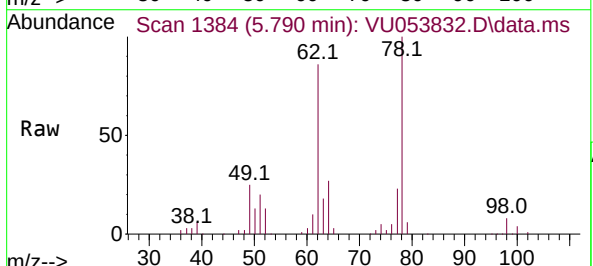
Tgt Ion: 78 Resp: 41188
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3

Manual Integrations
APPROVED

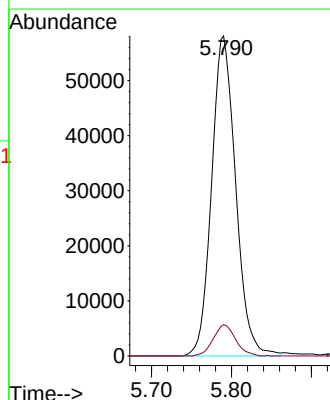
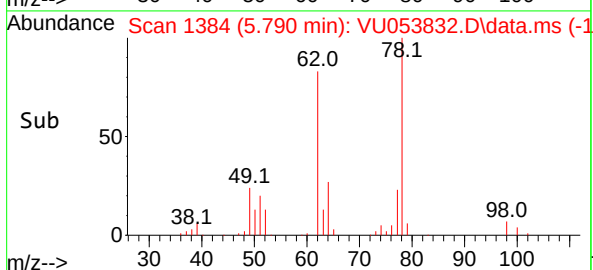
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

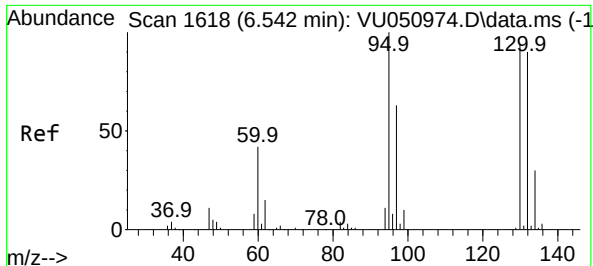


#36
1,2-Dichloroethane
Concen: 10.003 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08



Tgt Ion: 62 Resp: 121282
Ion Ratio Lower Upper
62 100
98 9.1 7.3 10.9





#37

Trichloroethene

Concen: 10.753 ug/l

RT: 6.536 min Scan# 1616

Delta R.T. 0.000 min

Lab File: VU053832.D

Acq: 21 Apr 2023 19:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:130 Resp: 11784

Ion Ratio Lower Upper

130 100

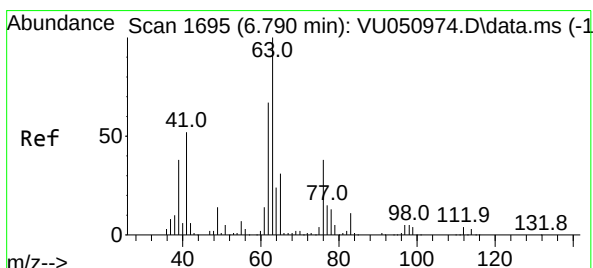
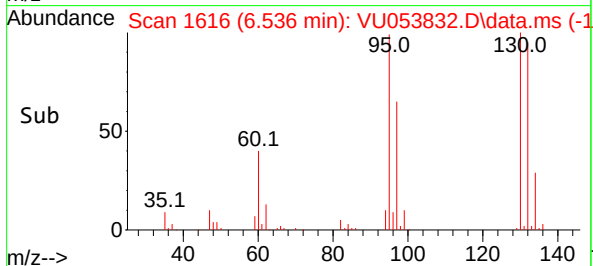
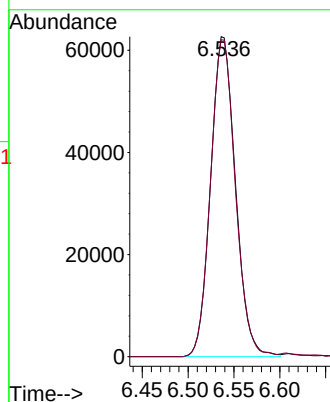
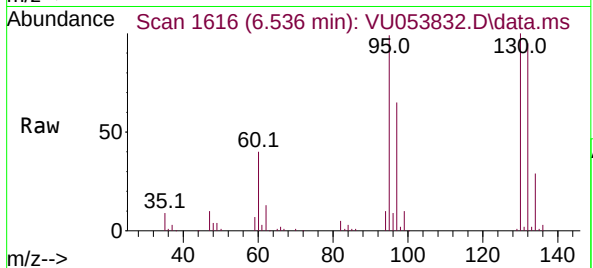
95 99.0 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#38

1,2-Dichloropropane

Concen: 10.787 ug/l

RT: 6.787 min Scan# 1694

Delta R.T. -0.003 min

Lab File: VU053832.D

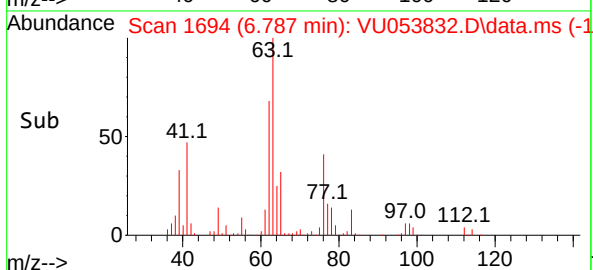
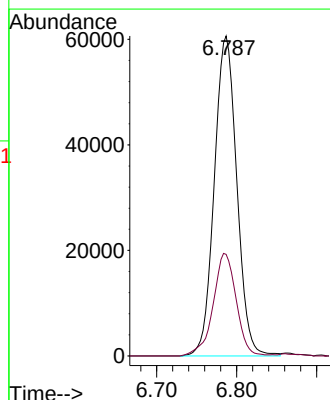
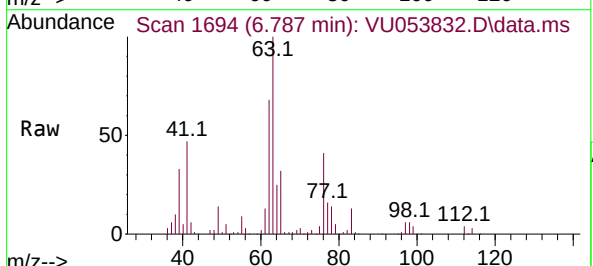
Acq: 21 Apr 2023 19:08

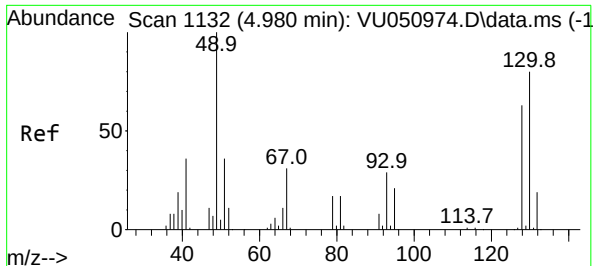
Tgt Ion: 63 Resp: 118500

Ion Ratio Lower Upper

63 100

65 31.7 24.9 37.3





#39

Methacrylonitrile

Concen: 7.037 ug/l

RT: 4.970 min Scan# 1132

Delta R.T. -0.003 min

Lab File: VU053832.D

Acq: 21 Apr 2023 19:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 2803

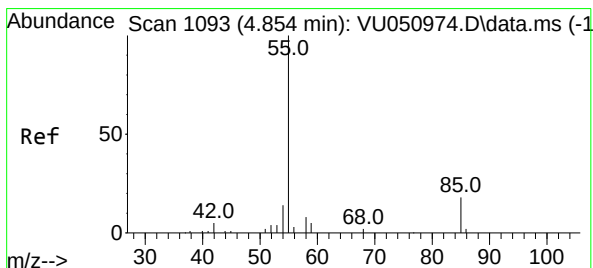
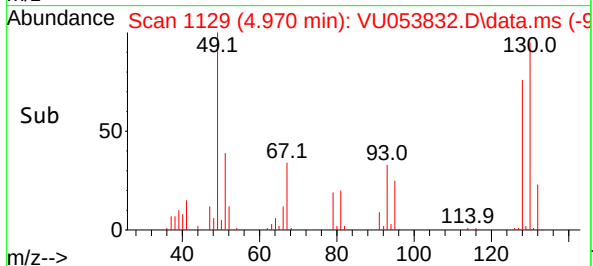
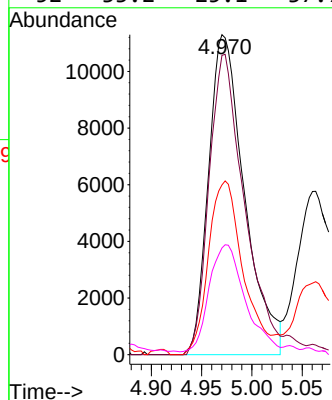
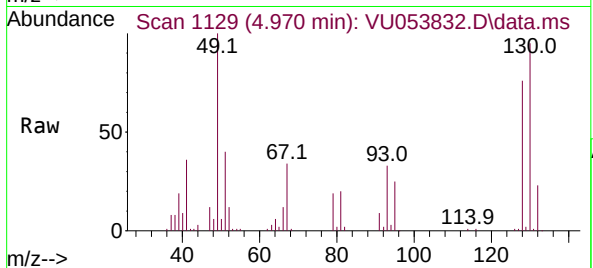
Ion	Ratio	Lower	Upper
41	100		
67	92.1	66.8	100.2
39	52.4	41.2	61.8
52	33.2	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#40

Methyl acrylate

Concen: 7.684 ug/l

RT: 4.842 min Scan# 1089

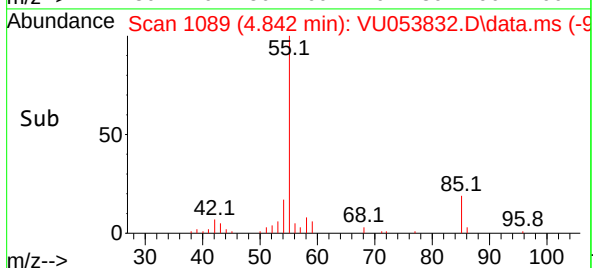
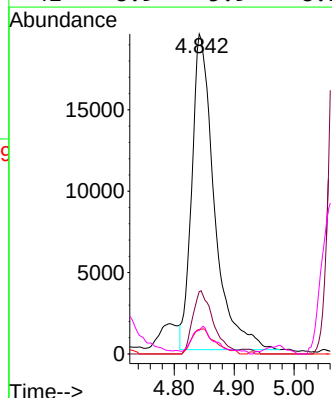
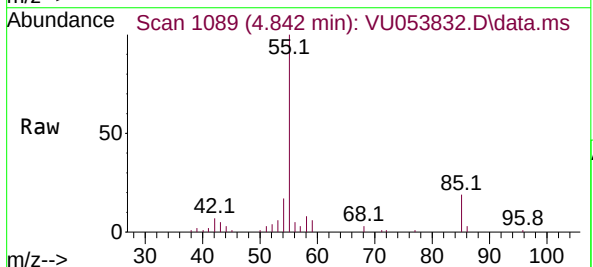
Delta R.T. -0.003 min

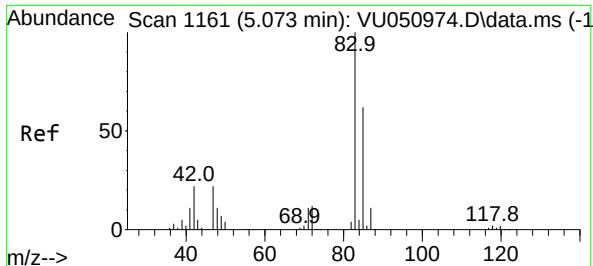
Lab File: VU053832.D

Acq: 21 Apr 2023 19:08

Tgt Ion: 55 Resp: 50554

Ion	Ratio	Lower	Upper
55	100		
85	18.3	13.3	19.9
58	8.2	6.5	9.7
42	8.9	5.9	8.9





#41

Tetrahydrofuran

Concen: 14.135 ug/l

RT: 5.067 min Scan# 1161

Delta R.T. 0.003 min

Lab File: VU053832.D

Acq: 21 Apr 2023 19:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 42 Resp: 27914

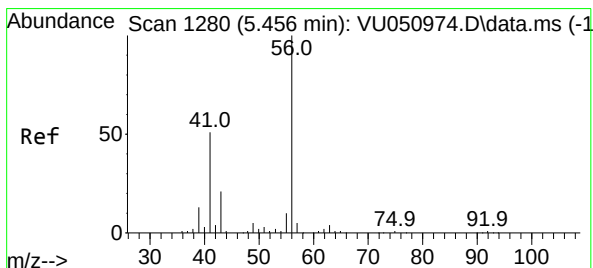
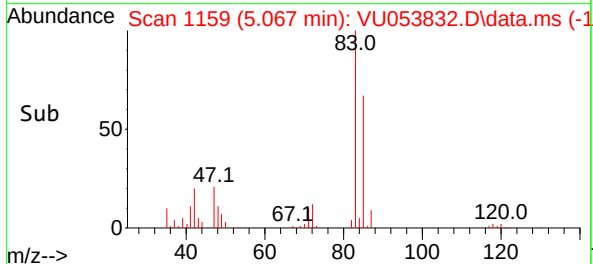
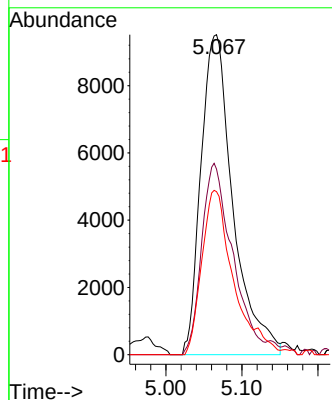
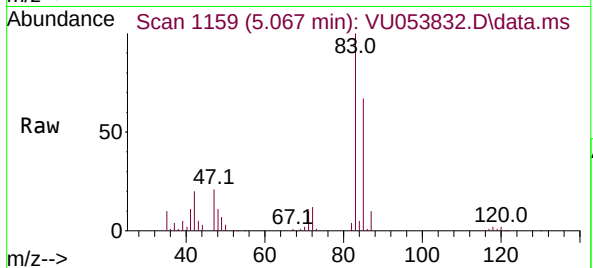
Ion	Ratio	Lower	Upper
42	100		
72	57.5	40.9	61.3
71	50.5	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#42

1-Chlorobutane

Concen: 9.748 ug/l

RT: 5.452 min Scan# 1279

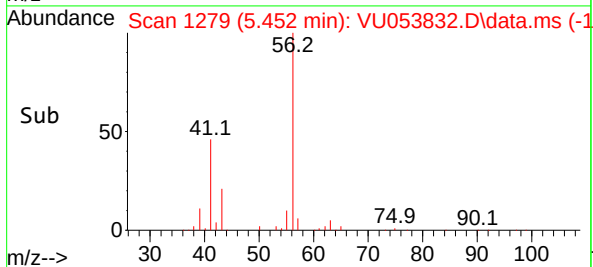
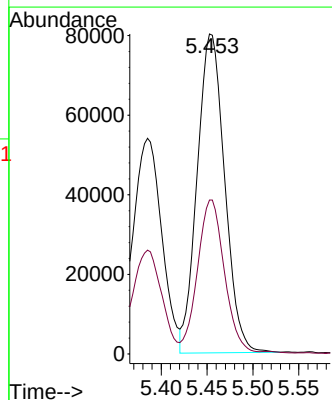
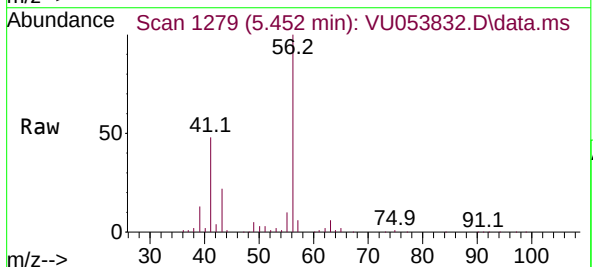
Delta R.T. 0.003 min

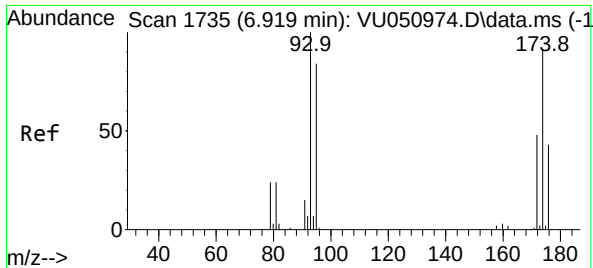
Lab File: VU053832.D

Acq: 21 Apr 2023 19:08

Tgt Ion: 56 Resp: 166722

Ion	Ratio	Lower	Upper
56	100		
41	46.2	25.2	75.6





#43

Dibromomethane

Concen: 10.202 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. -0.003 min

Lab File: VU053832.D

Acq: 21 Apr 2023 19:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 93 Resp: 5684

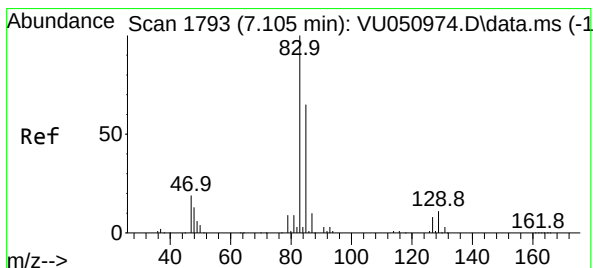
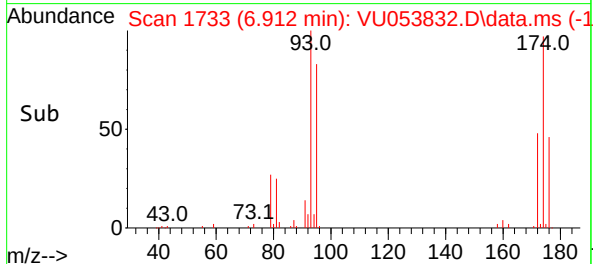
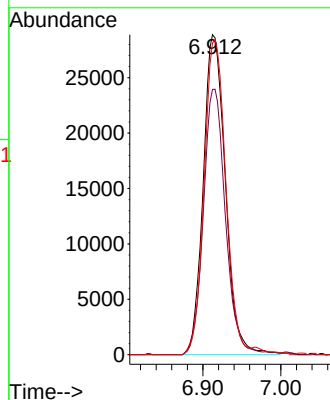
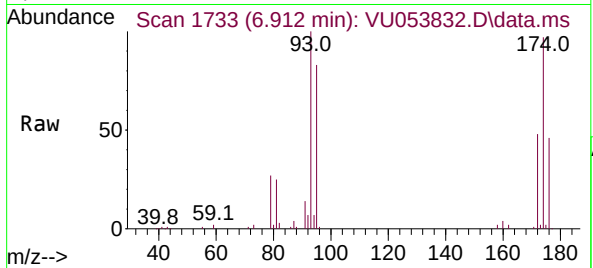
Ion	Ratio	Lower	Upper
93	100		
95	82.7	67.0	100.6
174	96.1	73.8	110.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#44

Bromodichloromethane

Concen: 10.589 ug/l

RT: 7.102 min Scan# 1792

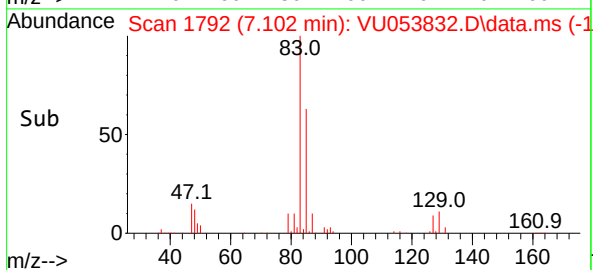
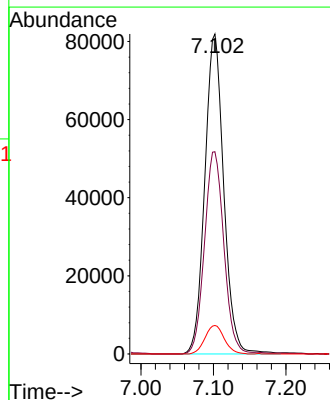
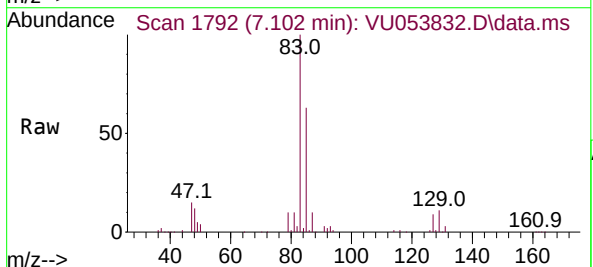
Delta R.T. 0.000 min

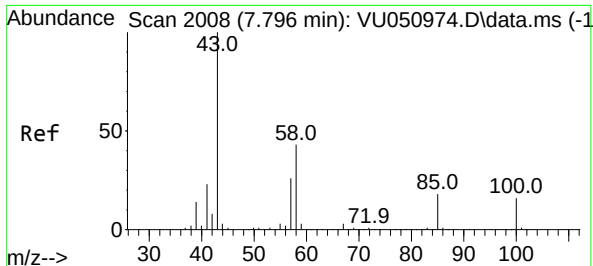
Lab File: VU053832.D

Acq: 21 Apr 2023 19:08

Tgt Ion: 83 Resp: 148727

Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.9	77.9
127	8.9	6.7	10.1





#45

4-Methyl-2-Pentanone

Concen: 50.115 ug/l

RT: 7.787 min Scan# 2008

Delta R.T. -0.010 min

Lab File: VU053832.D

Acq: 21 Apr 2023 19:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 284010

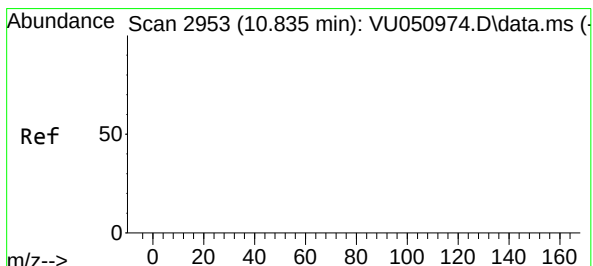
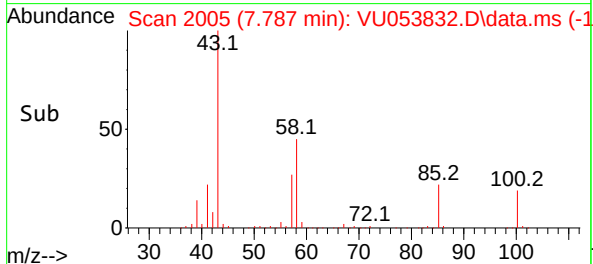
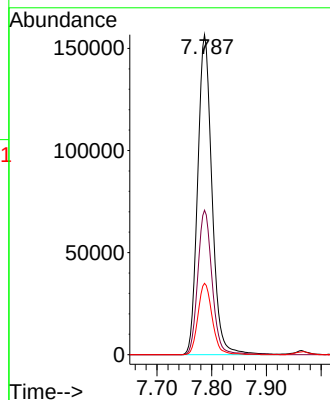
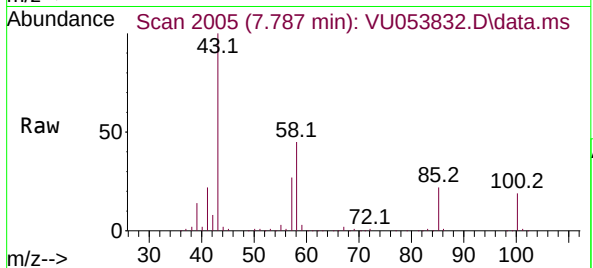
Ion	Ratio	Lower	Upper
43	100		
58	45.1	20.9	62.8
85	22.1	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#46

t-1,4-Dichloro-2-butene

Concen: 20.403 ug/l m

RT: 10.832 min Scan# 2952

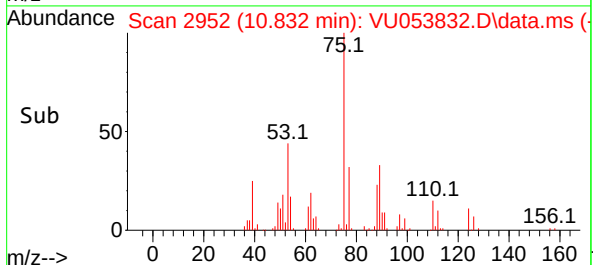
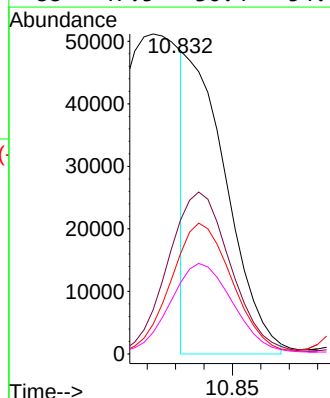
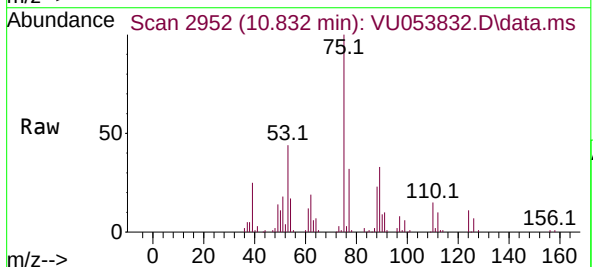
Delta R.T. -0.000 min

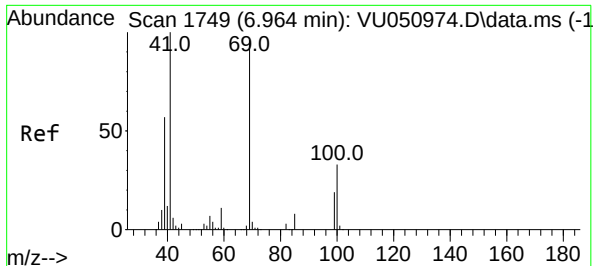
Lab File: VU053832.D

Acq: 21 Apr 2023 19:08

Tgt Ion: 75 Resp: 48010

Ion	Ratio	Lower	Upper
75	100		
53	84.2	73.3	109.9
89	66.3	48.2	72.4
88	47.5	36.4	54.6





#47

Methyl methacrylate

Concen: 21.545 ug/l

RT: 6.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU053832.D

Acq: 21 Apr 2023 19:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 69 Resp: 10544

Ion Ratio Lower Upper

69 100

41 88.8 0.0 209.2

39 52.0 46.7 70.1

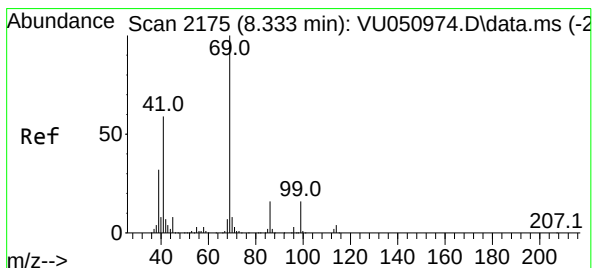
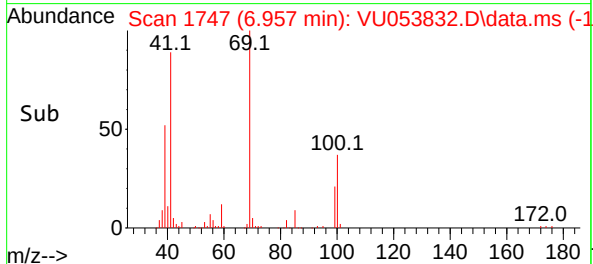
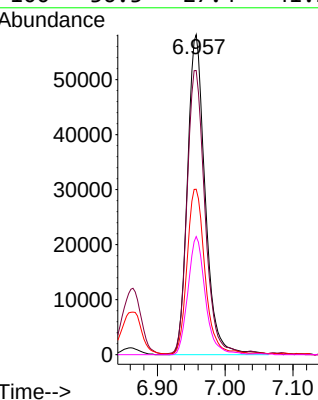
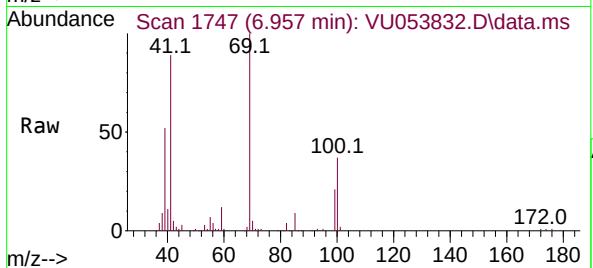
100 36.3 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#48

Ethyl methacrylate

Concen: 10.590 ug/l

RT: 8.330 min Scan# 2174

Delta R.T. -0.003 min

Lab File: VU053832.D

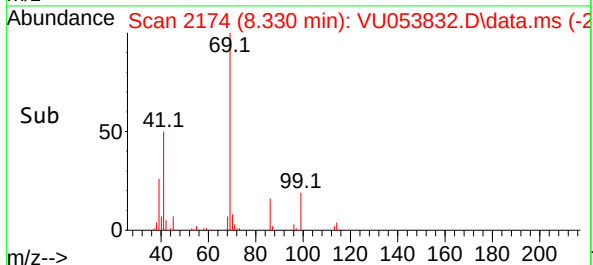
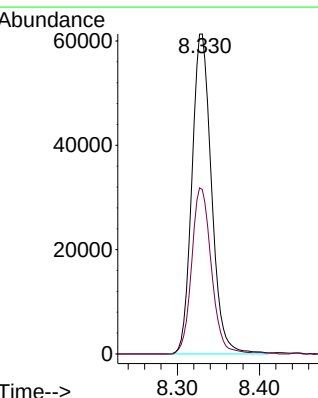
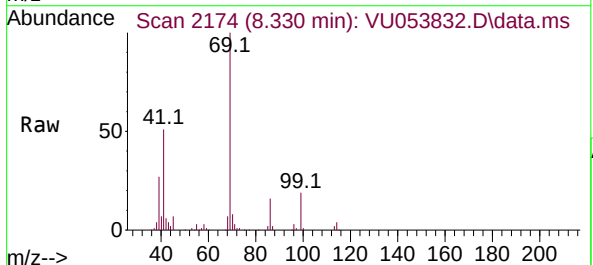
Acq: 21 Apr 2023 19:08

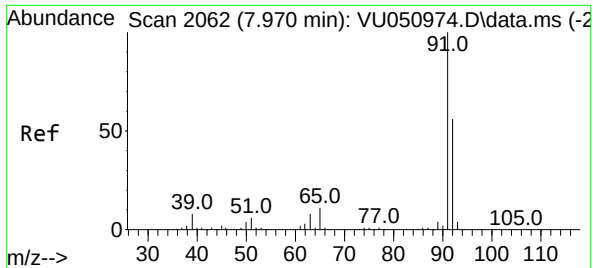
Tgt Ion: 69 Resp: 101596

Ion Ratio Lower Upper

69 100

41 52.2 30.3 90.8





#49

Toluene

Concen: 10.899 ug/l

RT: 7.964 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU053832.D

Acq: 21 Apr 2023 19:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 92 Resp: 26506

Ion Ratio Lower Upper

92 100

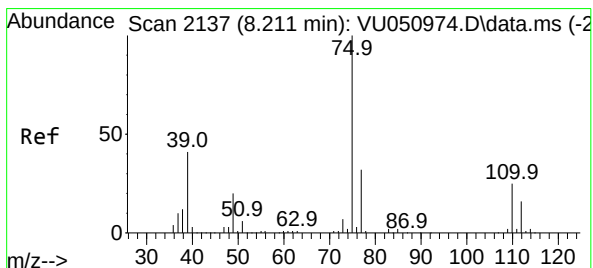
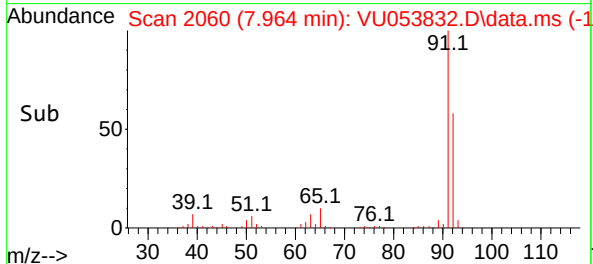
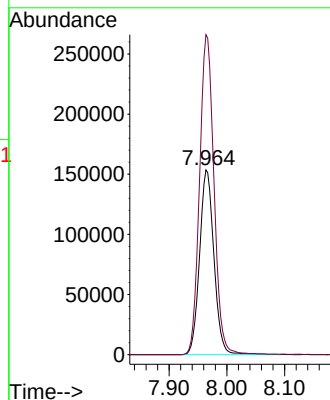
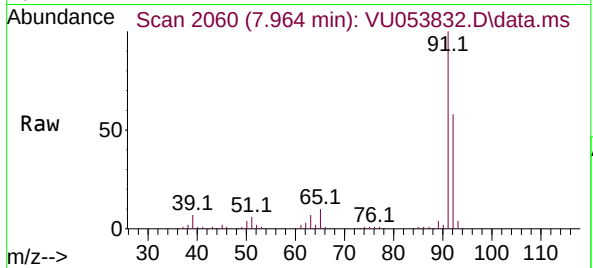
91 174.1 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#50

t-1,3-Dichloropropene

Concen: 10.975 ug/l

RT: 8.205 min Scan# 2135

Delta R.T. -0.003 min

Lab File: VU053832.D

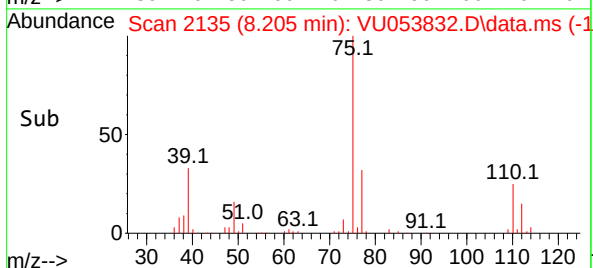
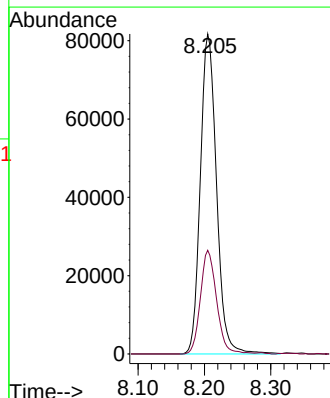
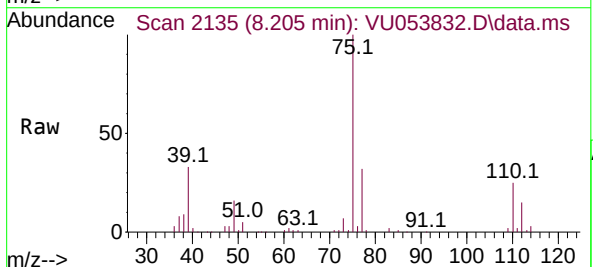
Acq: 21 Apr 2023 19:08

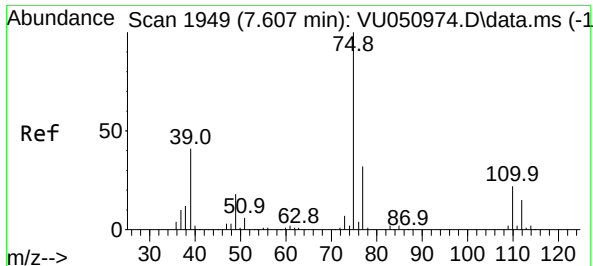
Tgt Ion: 75 Resp: 138501

Ion Ratio Lower Upper

75 100

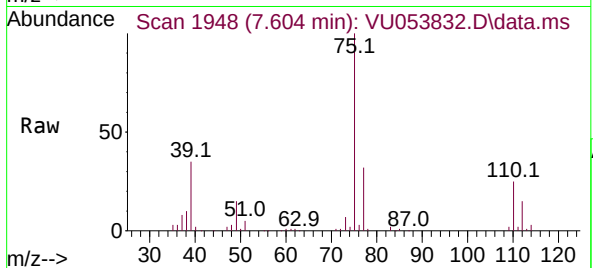
77 32.4 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 10.792 ug/l
 RT: 7.604 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VU053832.D
 Acq: 21 Apr 2023 19:08

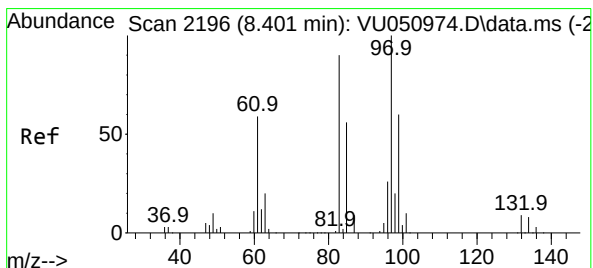
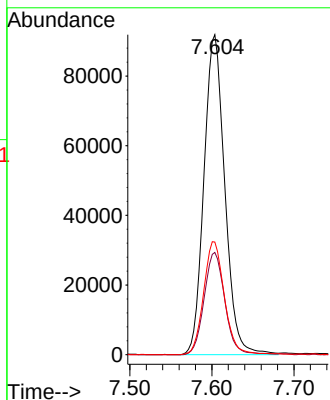
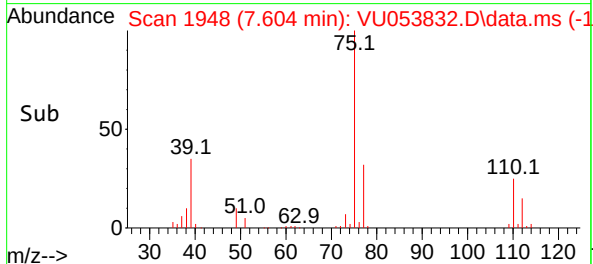
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 75 Resp: 162609
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.7 38.5
 39 35.2 32.8 49.2

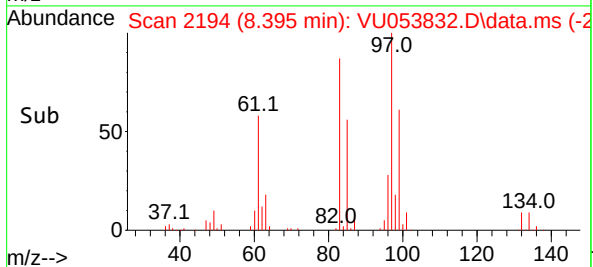
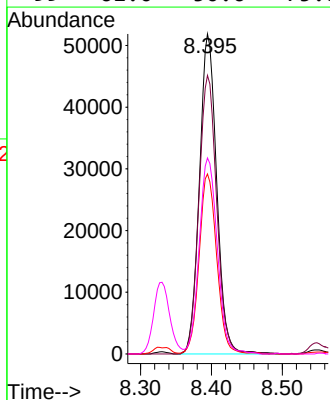
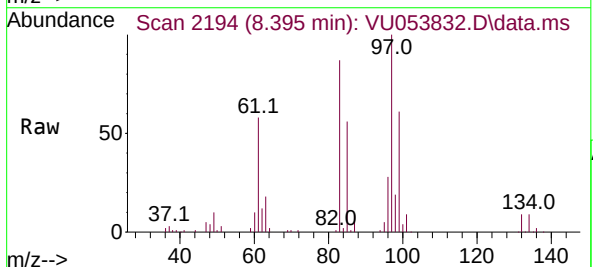
Manual Integrations
 APPROVED

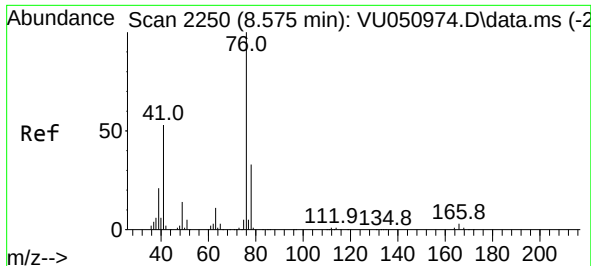
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#52
 1,1,2-Trichloroethane
 Concen: 9.950 ug/l
 RT: 8.395 min Scan# 2194
 Delta R.T. -0.003 min
 Lab File: VU053832.D
 Acq: 21 Apr 2023 19:08

Tgt Ion: 97 Resp: 87968
 Ion Ratio Lower Upper
 97 100
 83 87.1 71.8 107.8
 85 56.3 45.2 67.8
 99 61.0 50.6 75.8





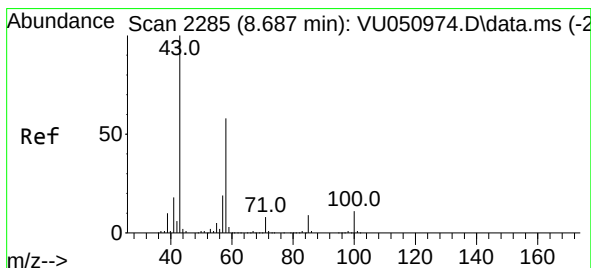
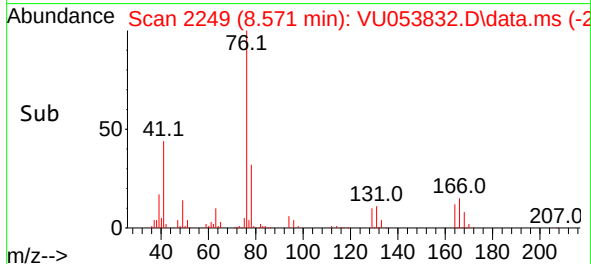
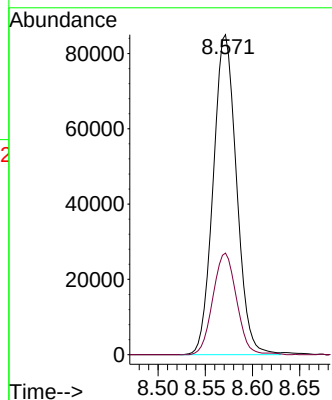
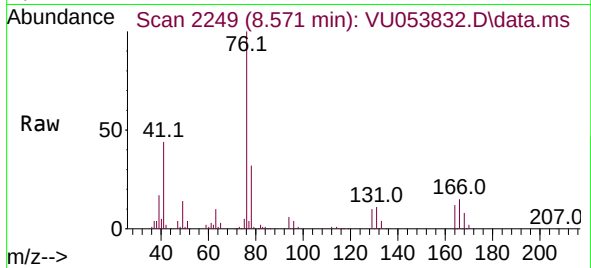
#53
1,3-Dichloropropane
Concen: 10.531 ug/l
RT: 8.571 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 76 Resp: 145779
Ion Ratio Lower Upper
76 100
78 32.3 25.9 38.9

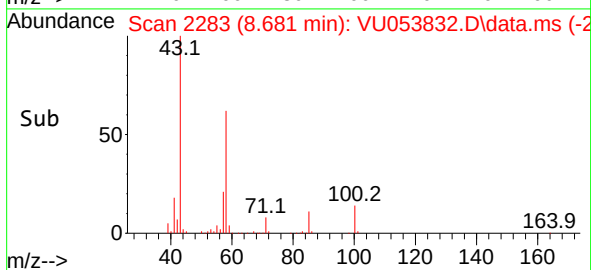
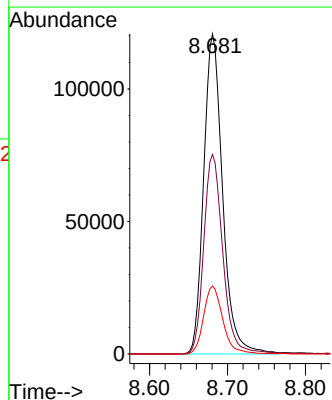
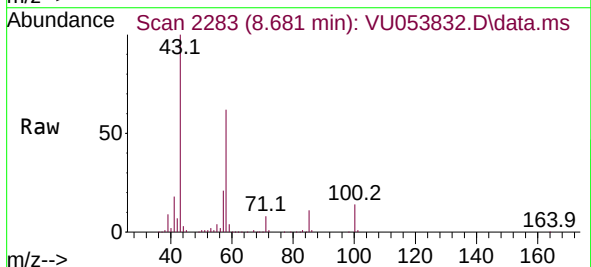
Manual Integrations
APPROVED

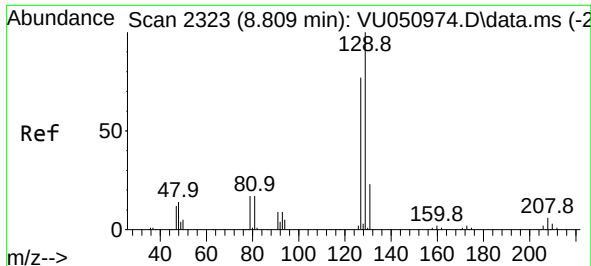
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#54
2-Hexanone
Concen: 38.358 ug/l
RT: 8.681 min Scan# 2283
Delta R.T. -0.006 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

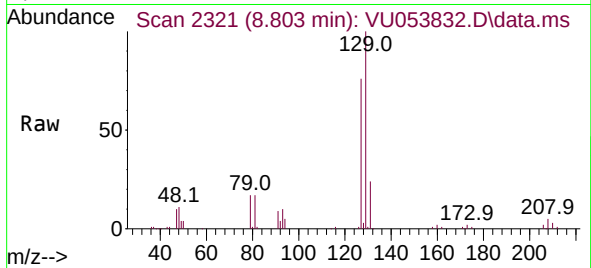
Tgt Ion: 43 Resp: 203860
Ion Ratio Lower Upper
43 100
58 62.8 38.2 78.2
57 21.5 0.0 39.1





#55
Dibromochloromethane
Concen: 10.781 ug/l
RT: 8.803 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

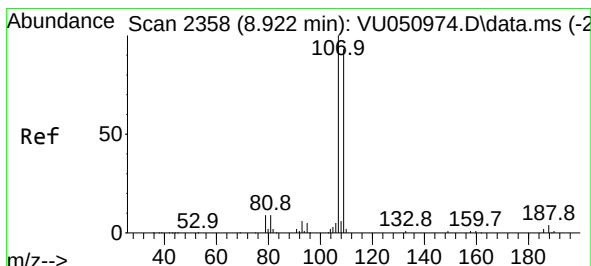
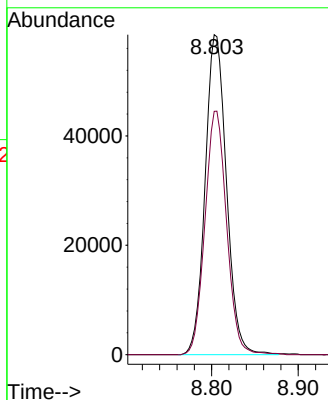
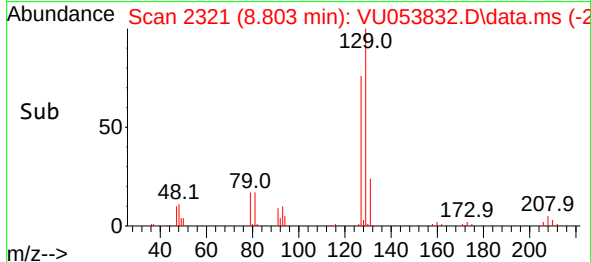
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



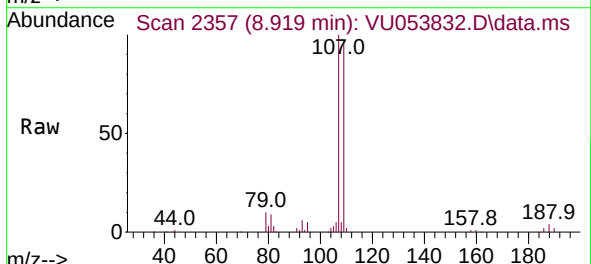
Tgt Ion:129 Resp: 100238
Ion Ratio Lower Upper
129 100
127 77.3 61.4 92.0

Manual Integrations
APPROVED

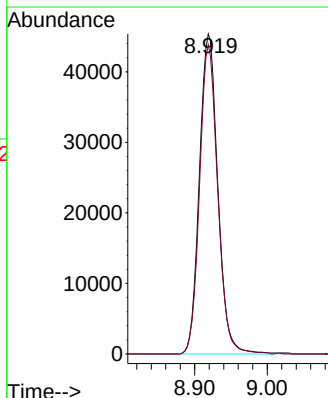
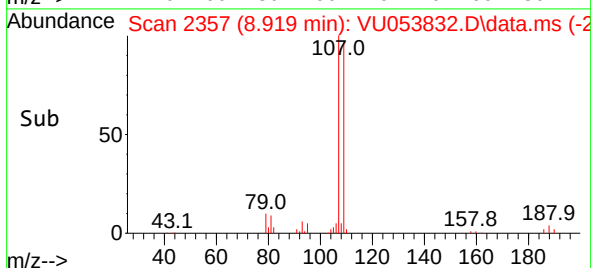
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

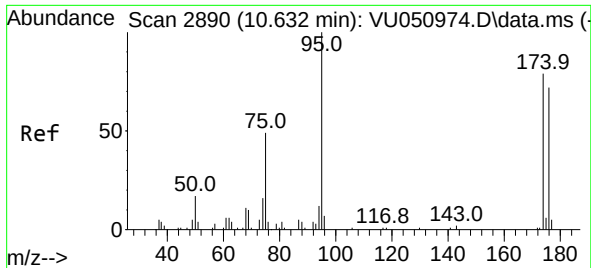


#56
1,2-Dibromoethane
Concen: 10.492 ug/l
RT: 8.919 min Scan# 2357
Delta R.T. -0.003 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08



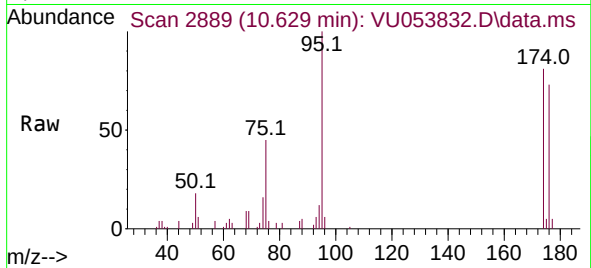
Tgt Ion:107 Resp: 80003
Ion Ratio Lower Upper
107 100
109 94.9 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 1.025 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.003 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

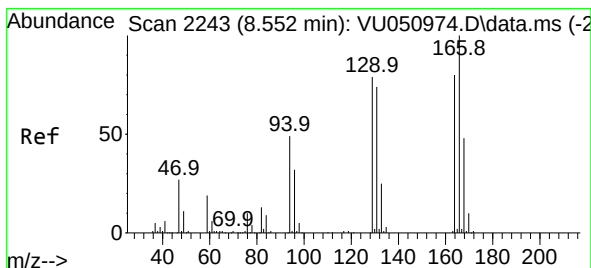
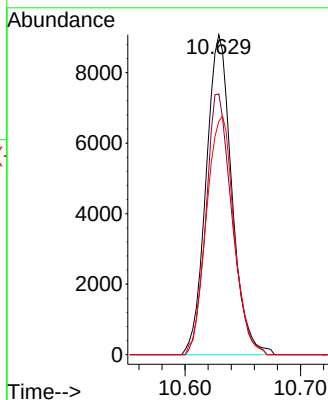
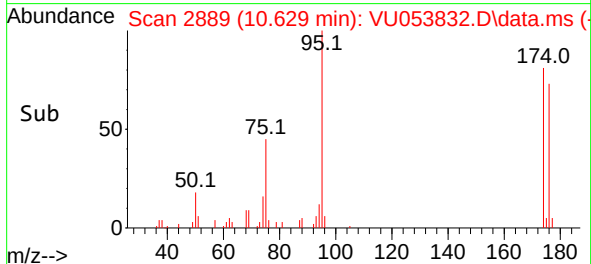
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 95 Resp: 14036
Ion Ratio Lower Upper
95 100
174 82.3 63.3 94.9
176 80.2 59.3 88.9

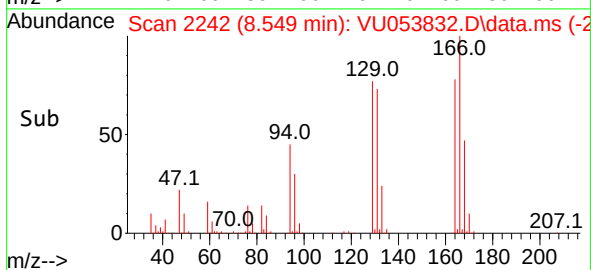
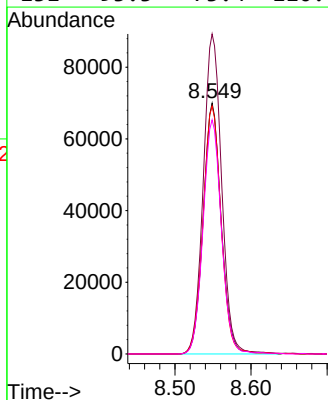
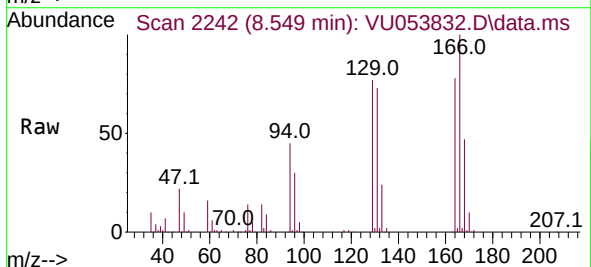
Manual Integrations
APPROVED

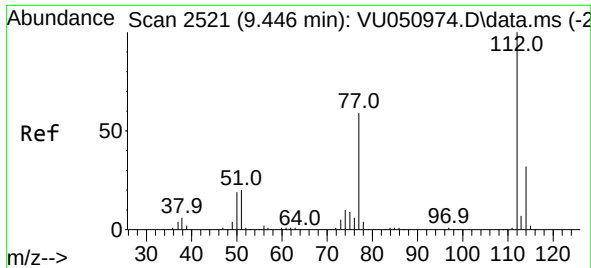
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#58
Tetrachloroethene
Concen: 10.885 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

Tgt Ion:164 Resp: 115352
Ion Ratio Lower Upper
164 100
166 127.6 99.6 149.4
129 98.8 78.6 117.8
131 93.3 73.4 110.0





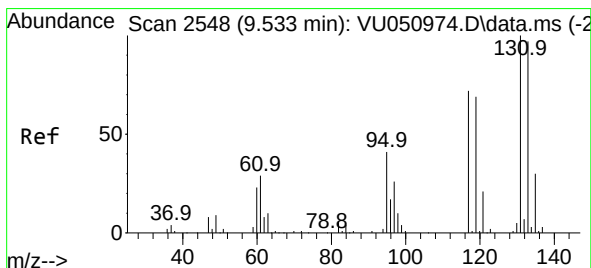
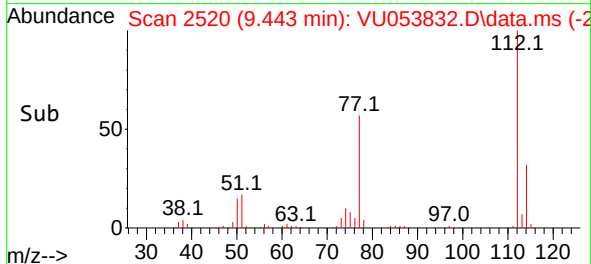
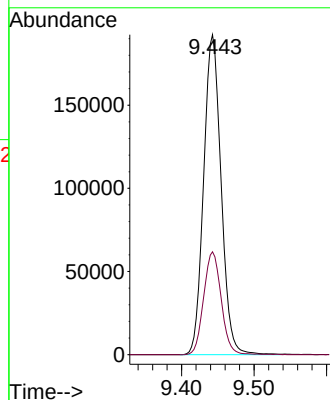
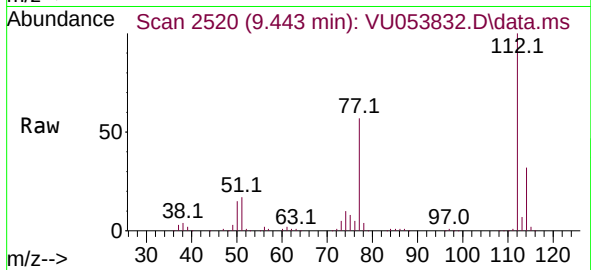
#59
Chlorobenzene
Concen: 10.640 ug/l
RT: 9.443 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 321970
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4

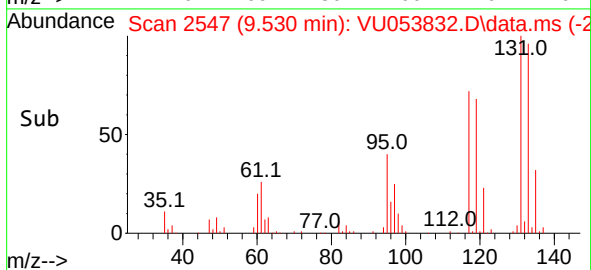
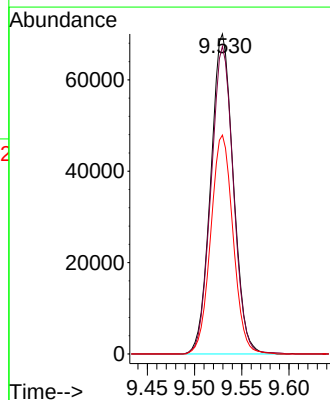
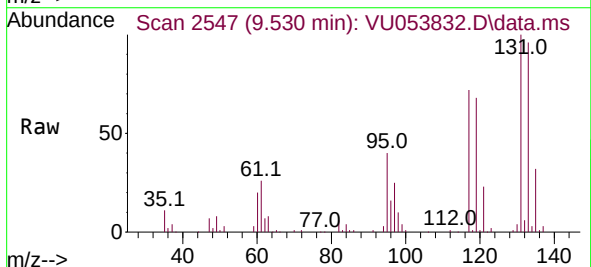
Manual Integrations
APPROVED

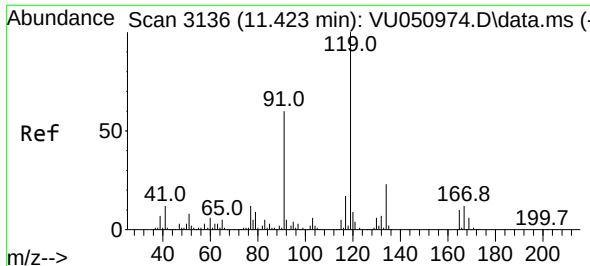
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 10.670 ug/l
RT: 9.530 min Scan# 2547
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

Tgt Ion:131 Resp: 116428
Ion Ratio Lower Upper
131 100
133 95.5 77.8 116.6
119 67.6 55.2 82.8





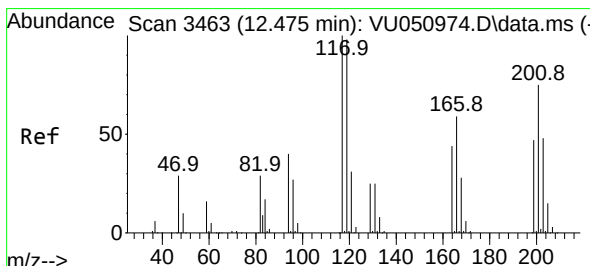
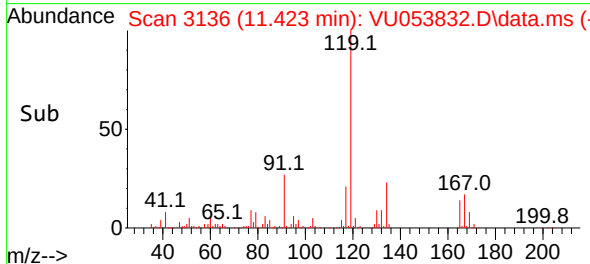
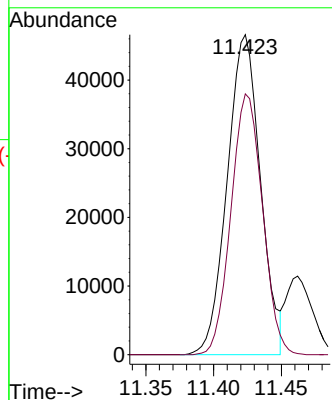
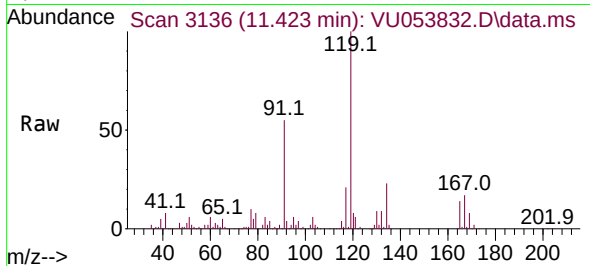
#61
Pentachloroethane
Concen: 9.455 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 79562
Ion Ratio Lower Upper
117 100
167 77.1 56.7 85.1

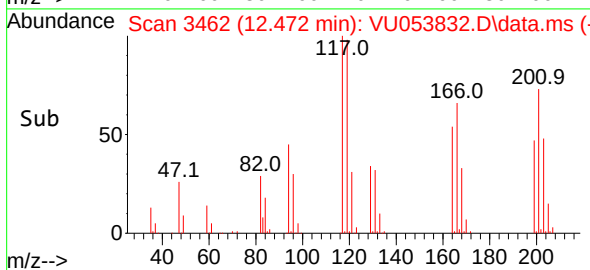
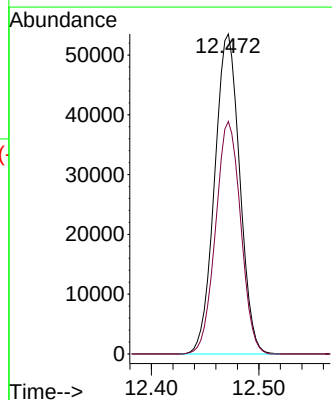
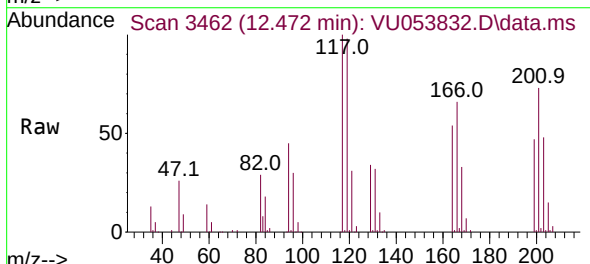
Manual Integrations
APPROVED

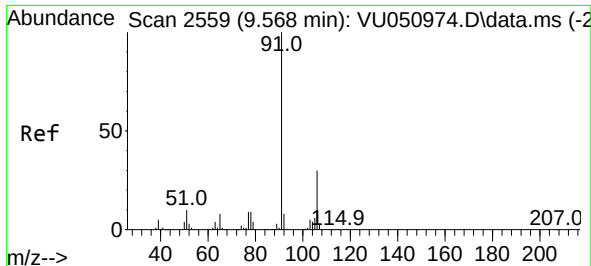
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#62
Hexachloroethane
Concen: 10.564 ug/l
RT: 12.472 min Scan# 3462
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

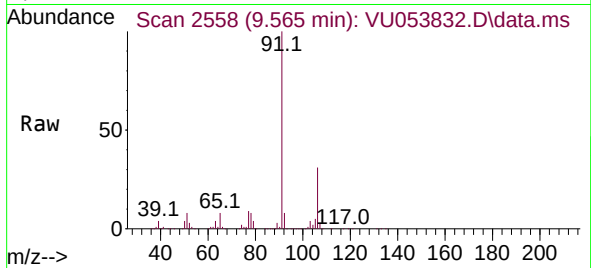
Tgt Ion:117 Resp: 86766
Ion Ratio Lower Upper
117 100
201 72.7 59.6 89.4





#63
Ethyl Benzene
Concen: 11.268 ug/l
RT: 9.565 min Scan# 2558
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

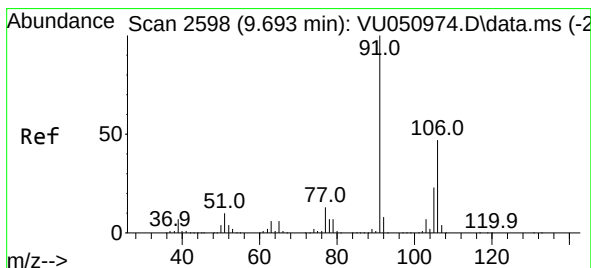
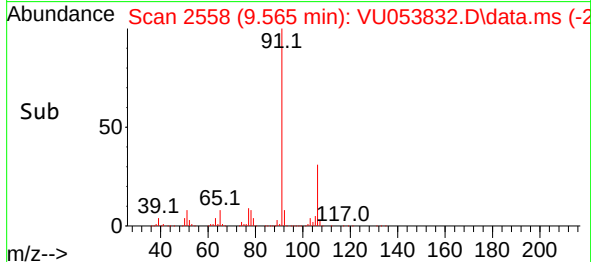
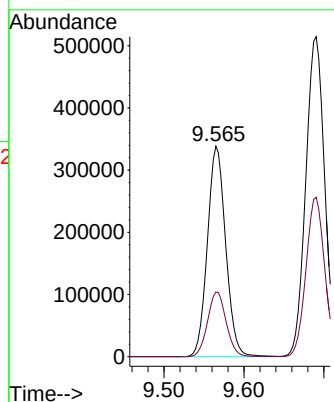
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 91 Resp: 53835
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.2

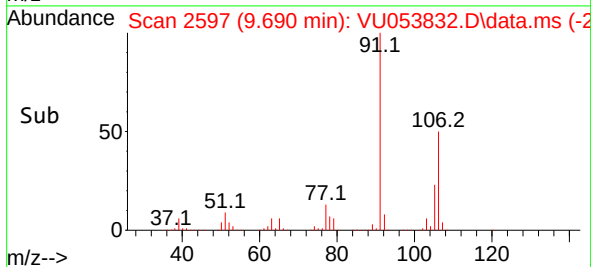
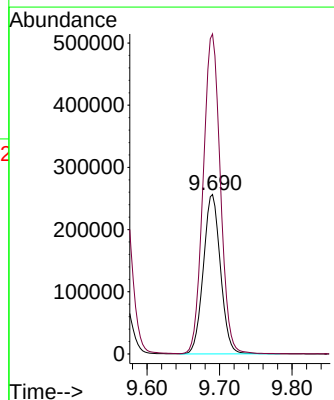
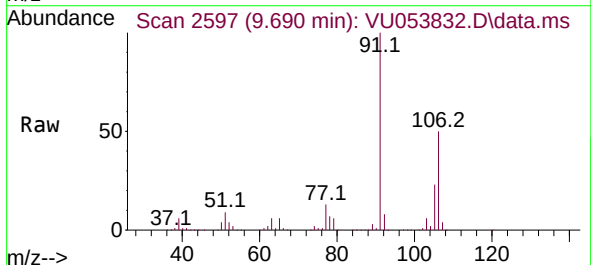
Manual Integrations
APPROVED

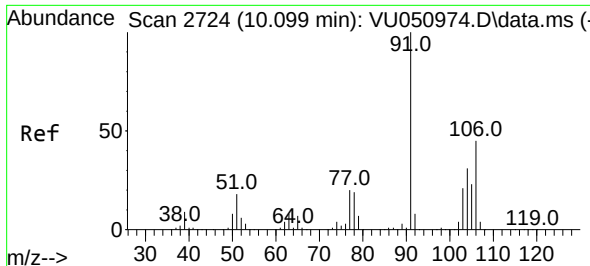
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#64
m/p-Xylenes
Concen: 22.286 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

Tgt Ion:106 Resp: 419513
Ion Ratio Lower Upper
106 100
91 201.9 167.3 250.9





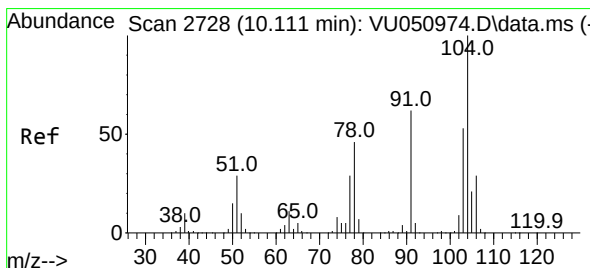
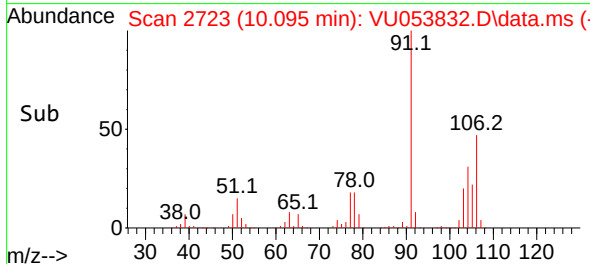
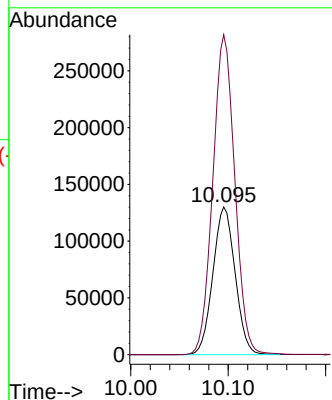
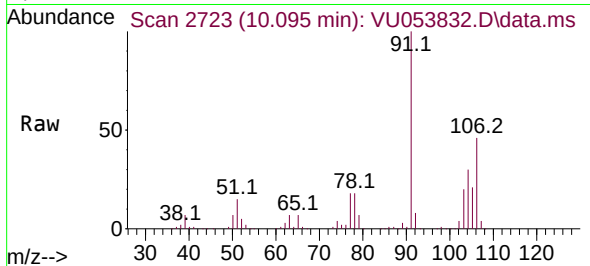
#65
o-Xylene
Concen: 10.874 ug/l
RT: 10.095 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:106 Resp: 206390
Ion Ratio Lower Upper
106 100
91 214.7 109.3 327.9

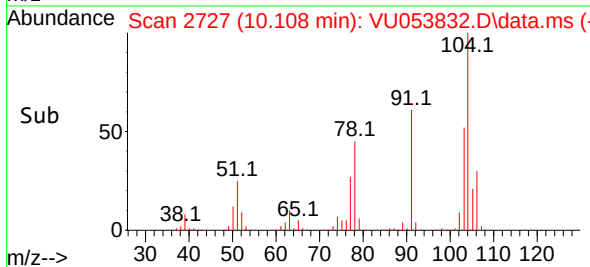
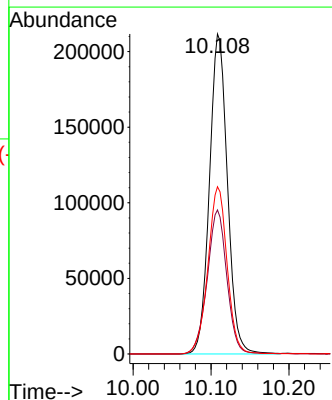
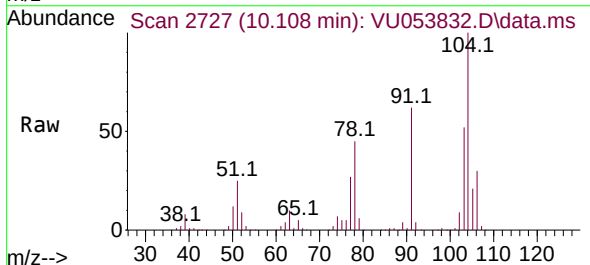
Manual Integrations
APPROVED

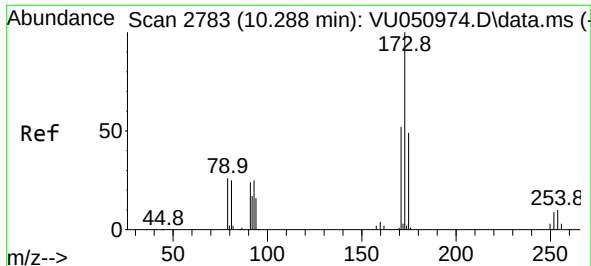
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#66
Styrene
Concen: 11.254 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. -0.003 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

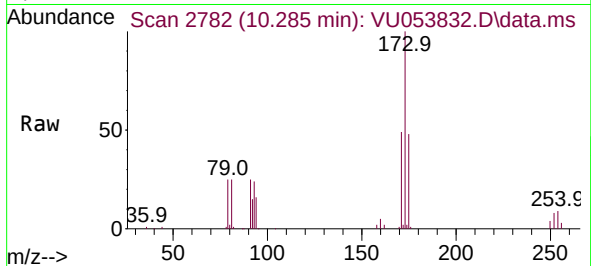
Tgt Ion:104 Resp: 339647
Ion Ratio Lower Upper
104 100
78 49.0 39.7 59.5
103 55.8 44.8 67.2





#67
Bromoform
Concen: 10.893 ug/l
RT: 10.285 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

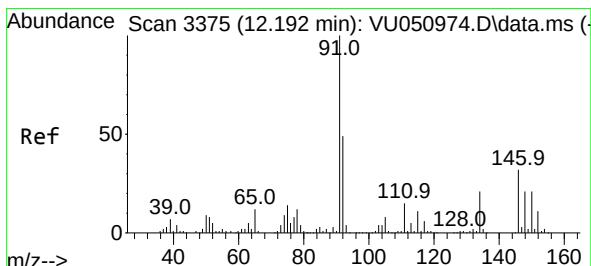
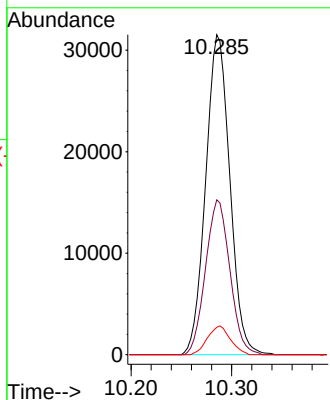
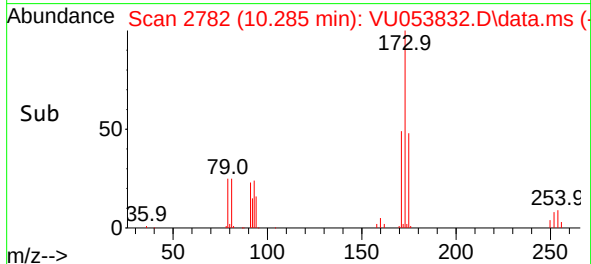
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:173 Resp: 52629
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.6
254 8.5 7.4 11.0

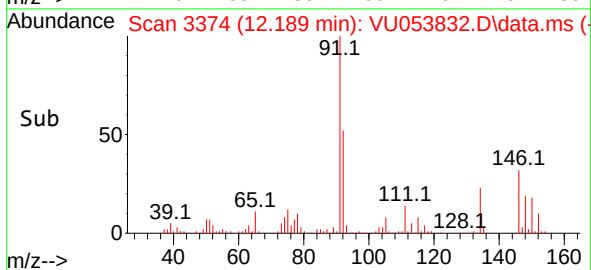
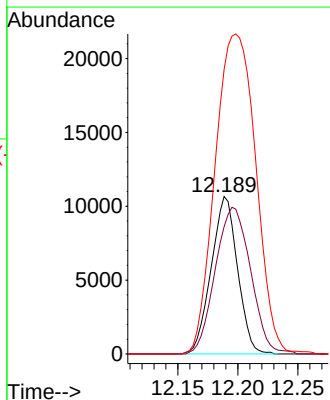
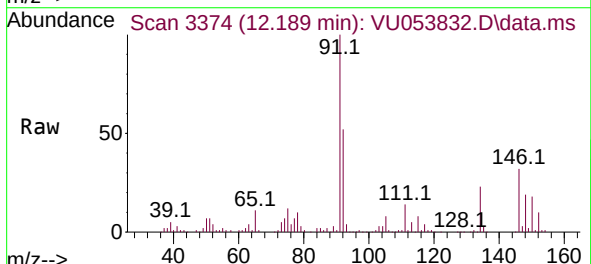
Manual Integrations
APPROVED

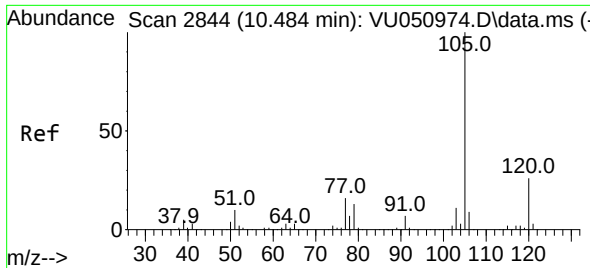
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#68
1,2-Dichlorobenzene-d4
Concen: 1.000 ug/l
RT: 12.189 min Scan# 3374
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

Tgt Ion:152 Resp: 16265
Ion Ratio Lower Upper
152 100
115 124.9 0.0 308.8
150 315.0 0.0 635.0





#69
Isopropylbenzene
Concen: 11.162 ug/l
RT: 10.478 min Scan# 2842
Delta R.T. -0.003 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

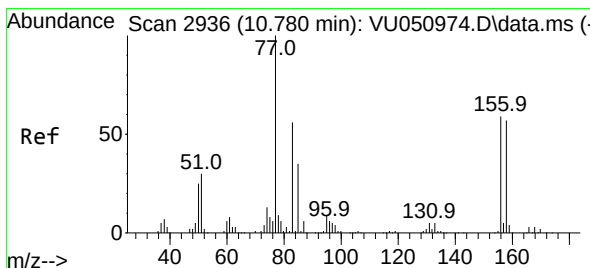
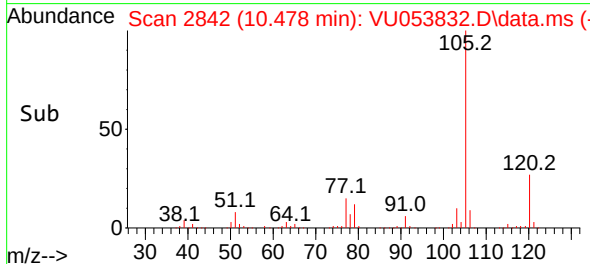
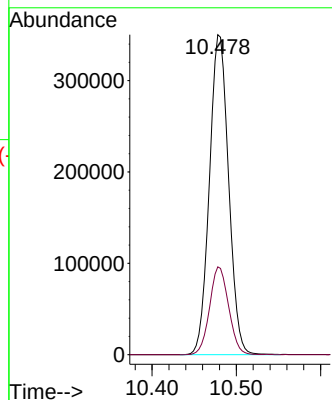
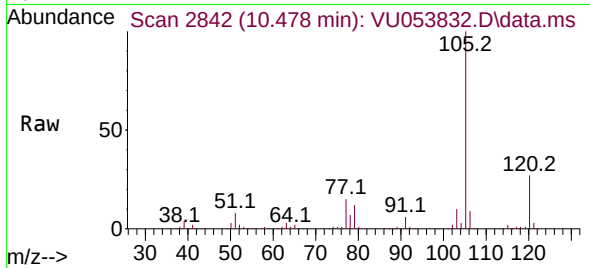
Tgt Ion:105 Resp: 55368
Ion Ratio Lower Upper
105 100
120 27.2 12.8 38.4

Manual Integrations

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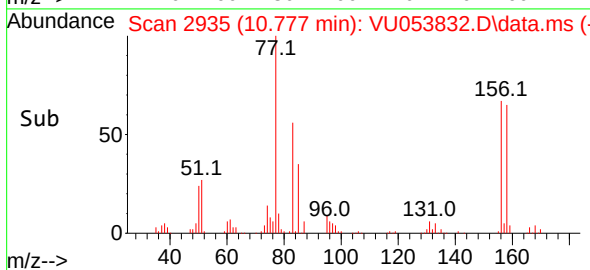
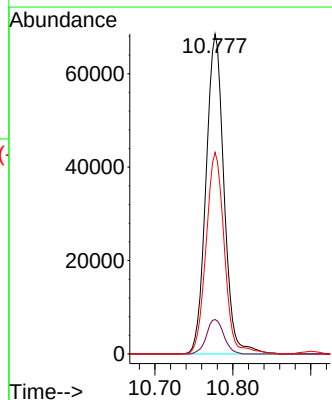
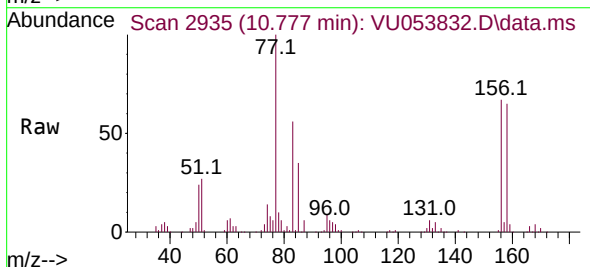
Reviewed By :Krupa Patel 04/28/2023

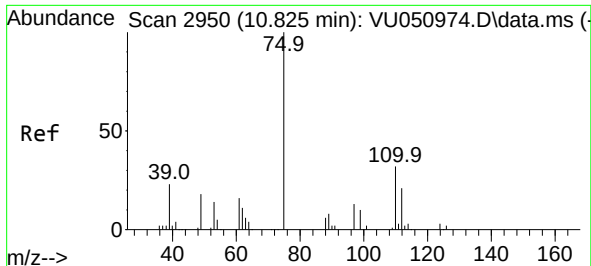
Supervised By :Mahesh Dadoda 04/28/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 9.643 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

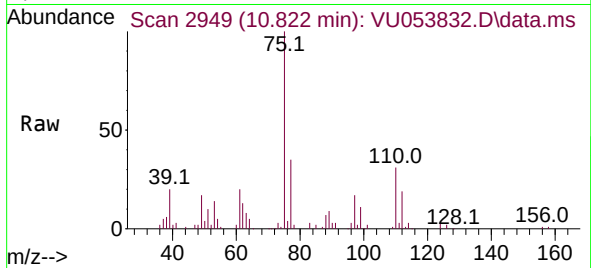
Tgt Ion: 83 Resp: 109773
Ion Ratio Lower Upper
83 100
131 10.4 7.2 10.8
85 64.0 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 6.874 ug/l m
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

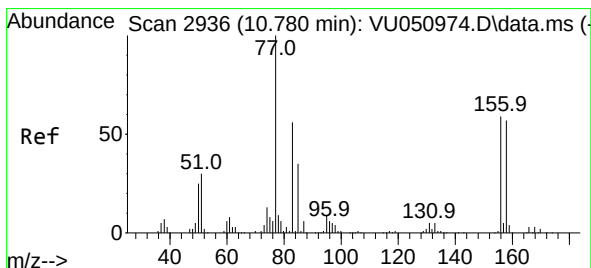
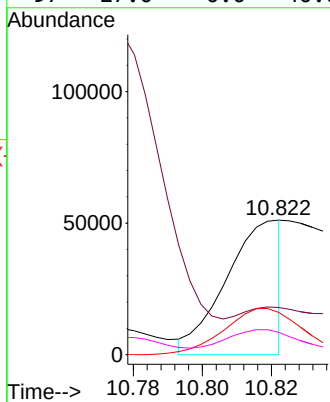
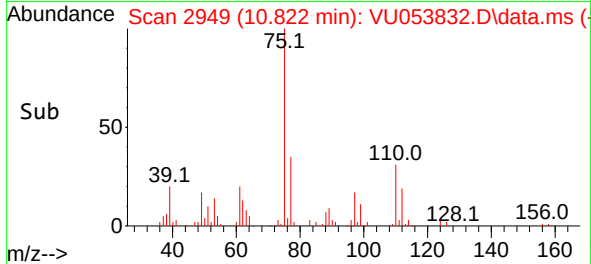
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:	75	Resp:	5647
Ion Ratio	Lower	Upper	
75	100		
77	68.0	0.0	116.4
110	49.3	0.0	74.6
97	27.0	0.0	40.0

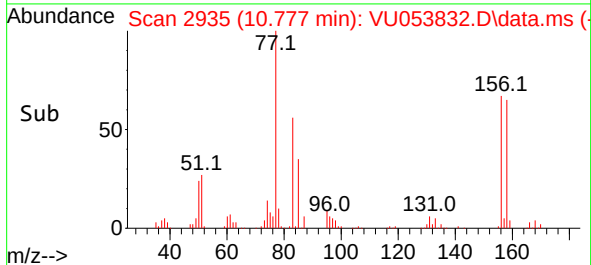
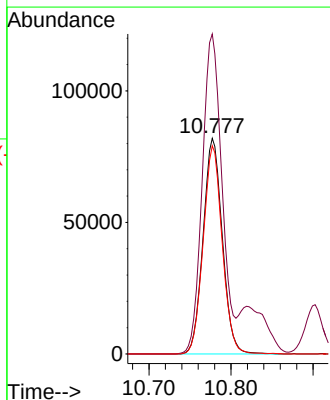
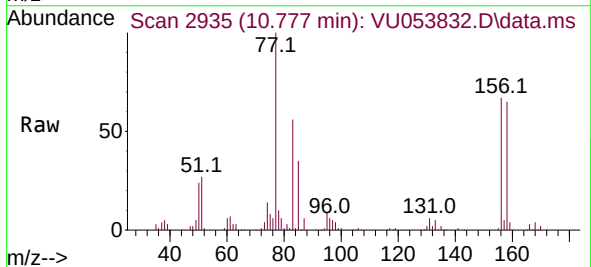
Manual Integrations
APPROVED

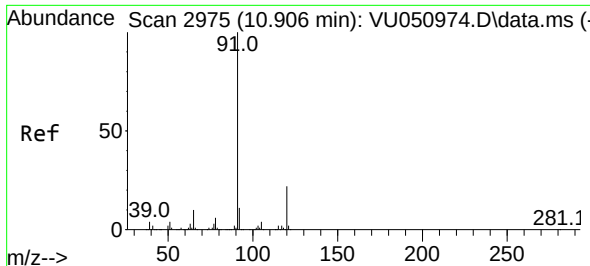
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#72
Bromobenzene
Concen: 10.475 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

Tgt Ion:	156	Resp:	133288
Ion Ratio	Lower	Upper	
156	100		
77	152.0	0.0	343.0
158	95.4	0.0	194.8





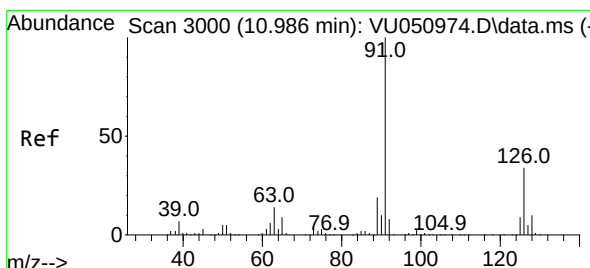
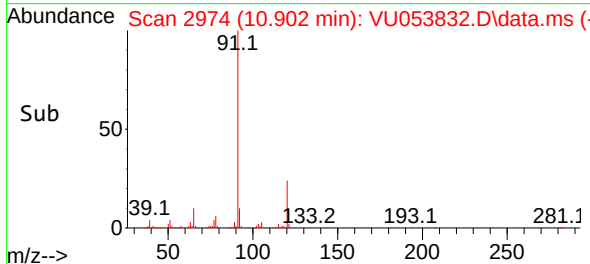
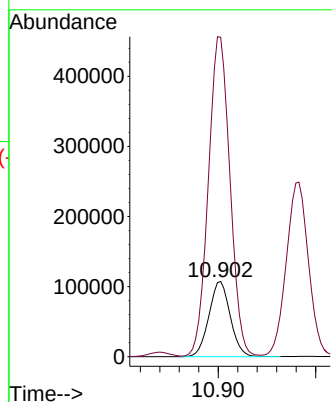
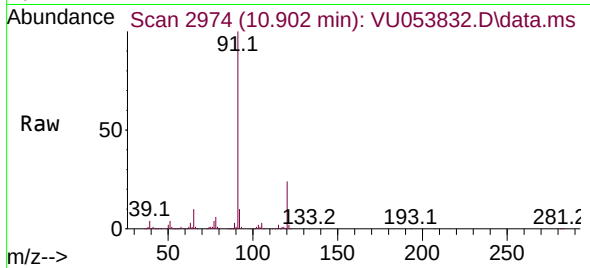
#73
n-propylbenzene
Concen: 11.831 ug/l
RT: 10.902 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:120 Resp: 162811
Ion Ratio Lower Upper
120 100
91 430.5 369.8 554.6

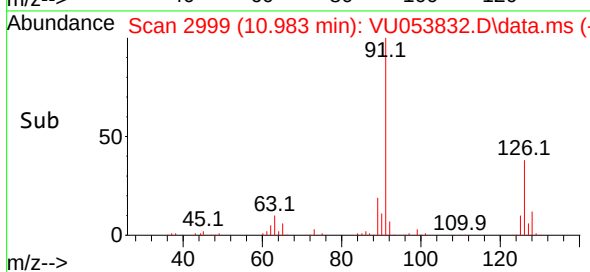
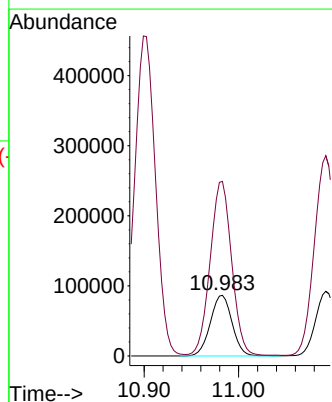
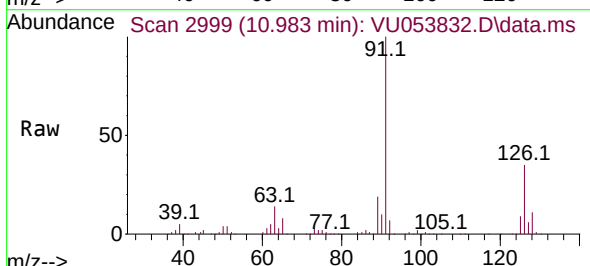
Manual Integrations
APPROVED

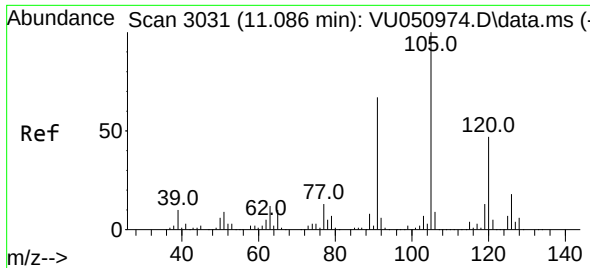
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#74
2-Chlorotoluene
Concen: 10.603 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

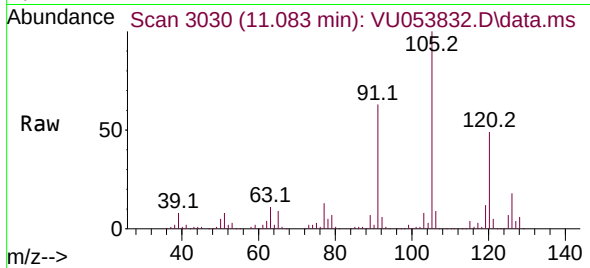
Tgt Ion:126 Resp: 137924
Ion Ratio Lower Upper
126 100
91 283.0 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 11.103 ug/l
RT: 11.083 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

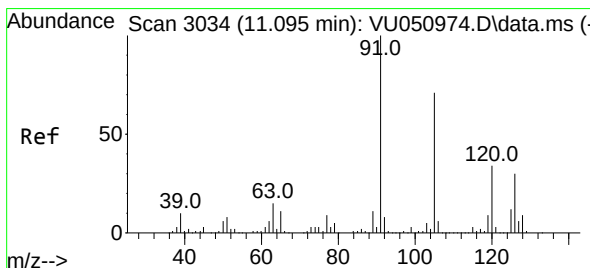
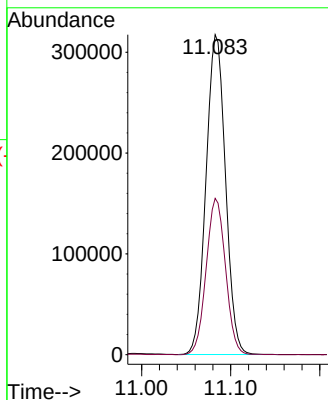
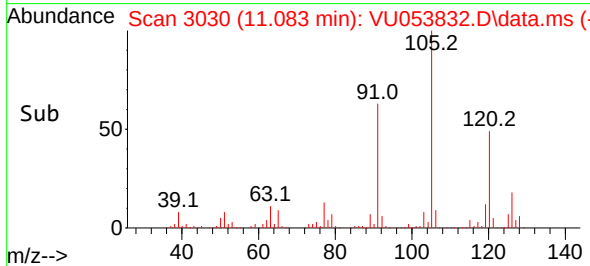
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:105 Resp: 480469
Ion Ratio Lower Upper
105 100
120 48.7 37.8 56.8

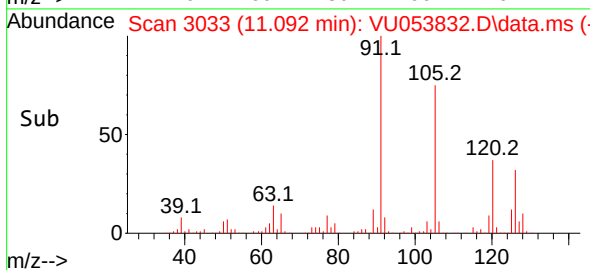
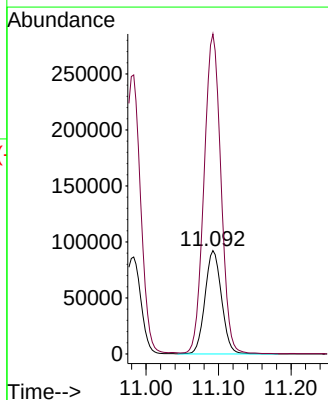
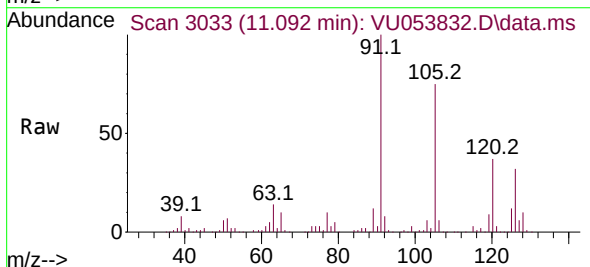
Manual Integrations
APPROVED

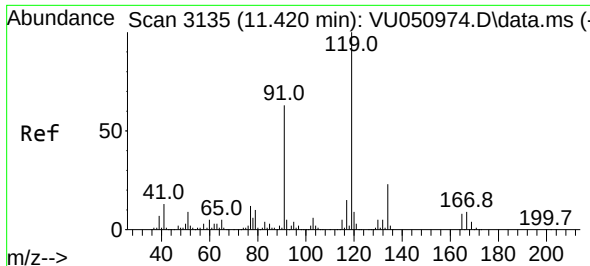
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#76
4-Chlorotoluene
Concen: 11.022 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

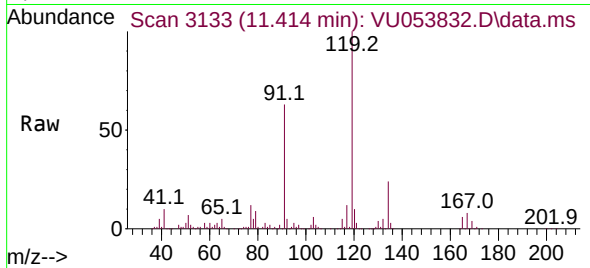
Tgt Ion:126 Resp: 146153
Ion Ratio Lower Upper
126 100
91 316.5 0.0 686.2





#77
tert-Butylbenzene
Concen: 10.742 ug/l
RT: 11.414 min Scan# 3135
Delta R.T. -0.003 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

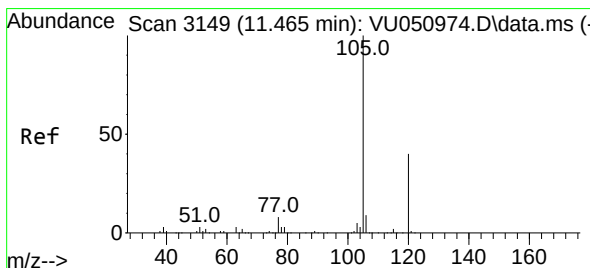
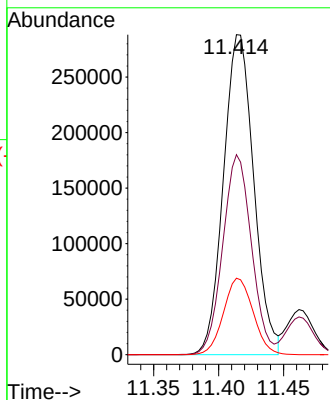
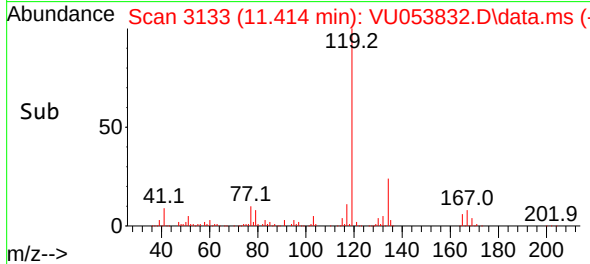
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 467762
Ion Ratio Lower Upper
119 100
91 59.2 30.8 92.4
134 23.4 18.0 27.0

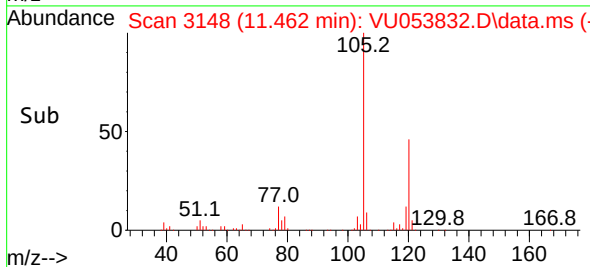
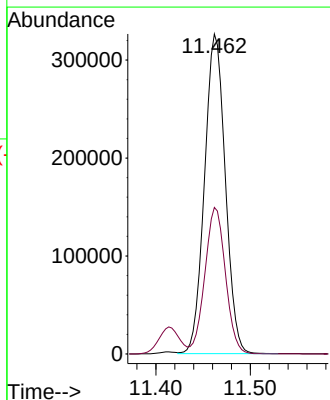
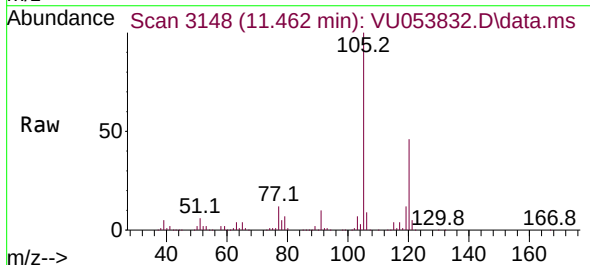
Manual Integrations
APPROVED

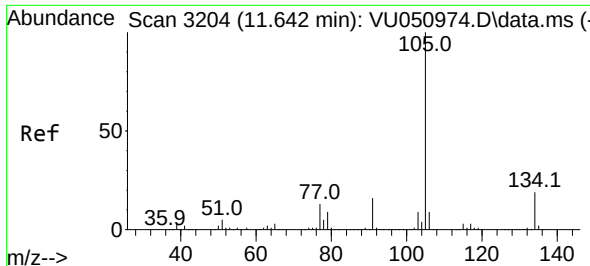
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#78
1,2,4-Trimethylbenzene
Concen: 11.282 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. -0.003 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

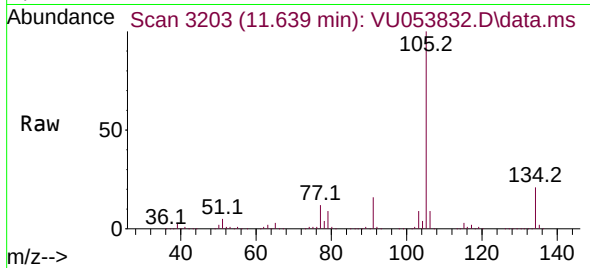
Tgt Ion:105 Resp: 498190
Ion Ratio Lower Upper
105 100
120 45.5 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 10.904 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU053832.D
 Acq: 21 Apr 2023 19:08

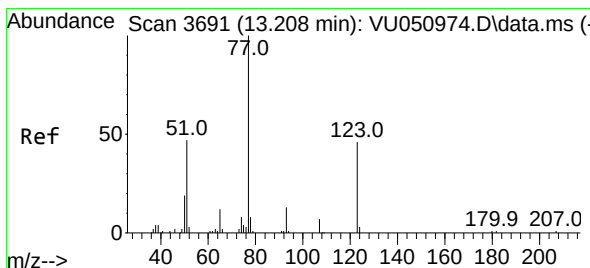
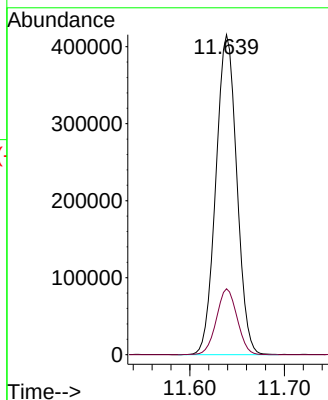
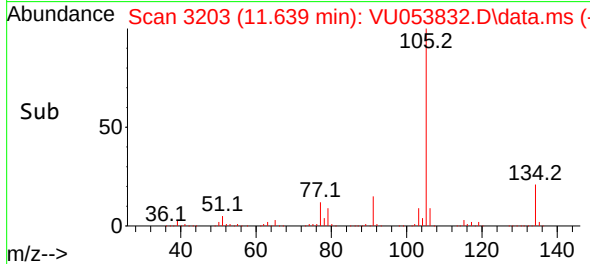
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



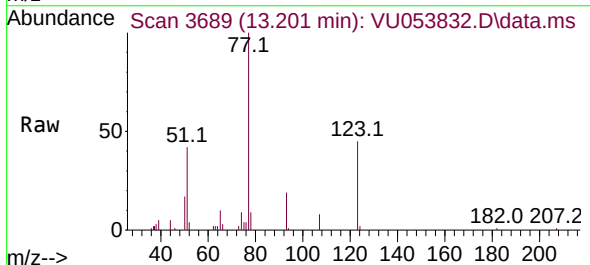
Tgt Ion:105 Resp: 638229
 Ion Ratio Lower Upper
 105 100
 134 20.4 14.9 22.3

Manual Integrations
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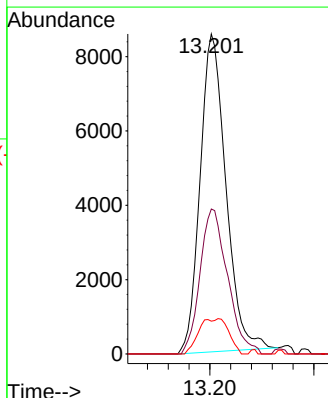
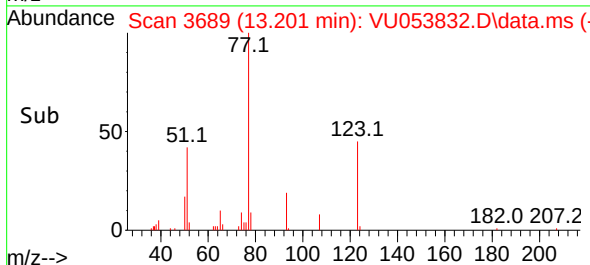
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

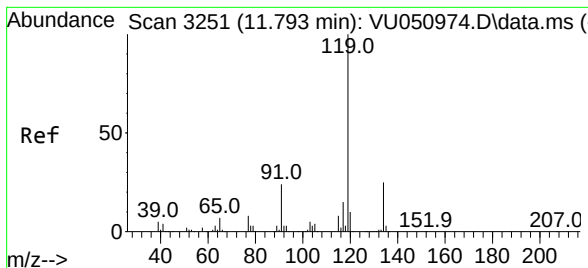


#80
 Nitrobenzene
 Concen: 40.845 ug/l
 RT: 13.201 min Scan# 3689
 Delta R.T. 0.000 min
 Lab File: VU053832.D
 Acq: 21 Apr 2023 19:08



Tgt Ion: 77 Resp: 14729
 Ion Ratio Lower Upper
 77 100
 123 48.7 19.7 69.7
 65 6.2 11.5 14.7#





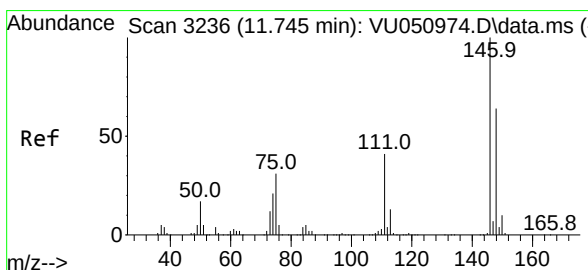
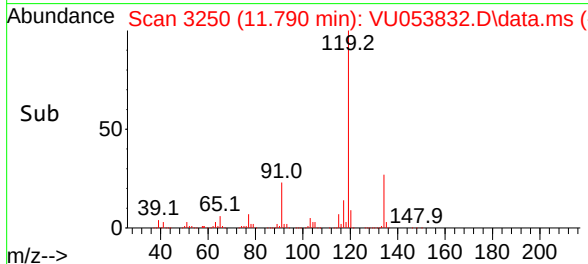
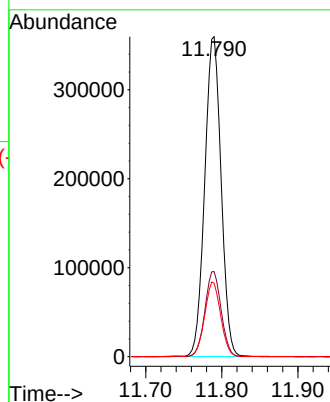
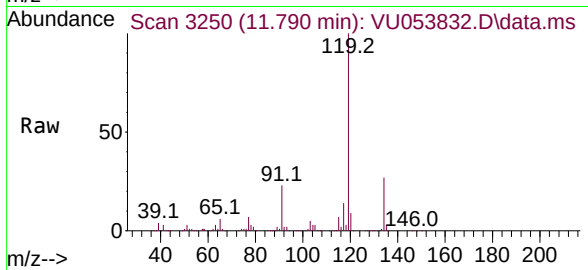
#81
p-Isopropyltoluene
Concen: 11.199 ug/l
RT: 11.790 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 53700
Ion Ratio Lower Upper
119 100
134 26.4 20.2 30.4
91 22.8 19.3 28.9

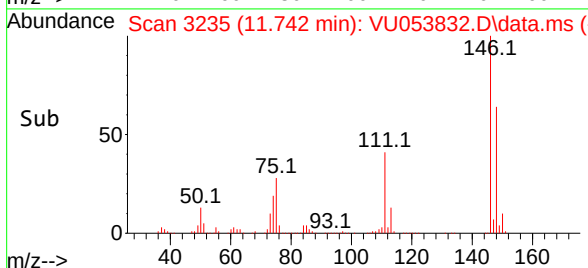
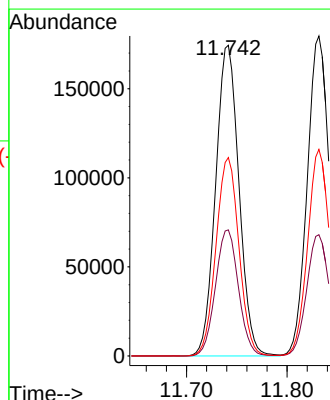
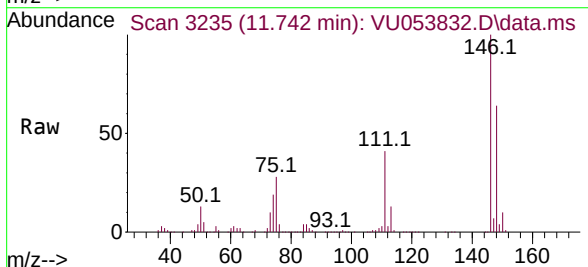
Manual Integrations
APPROVED

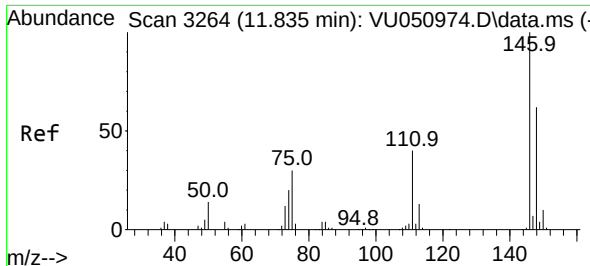
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#82
1,3-Dichlorobenzene
Concen: 10.345 ug/l
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

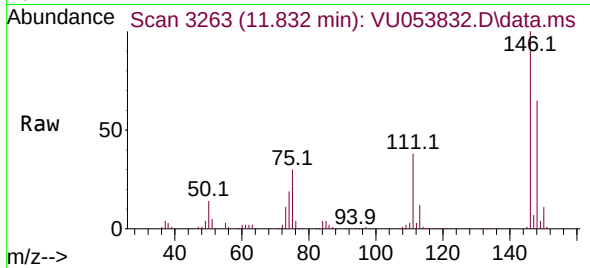
Tgt Ion:146 Resp: 281414
Ion Ratio Lower Upper
146 100
111 40.0 32.6 49.0
148 62.9 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 10.274 ug/l
RT: 11.832 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

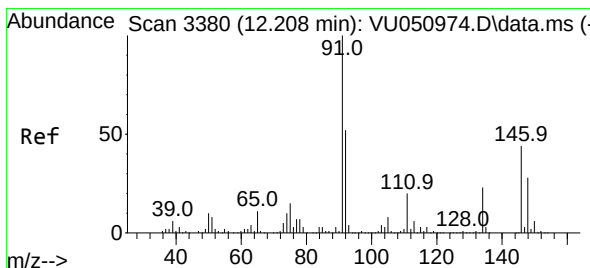
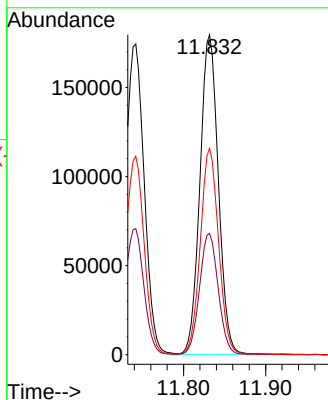
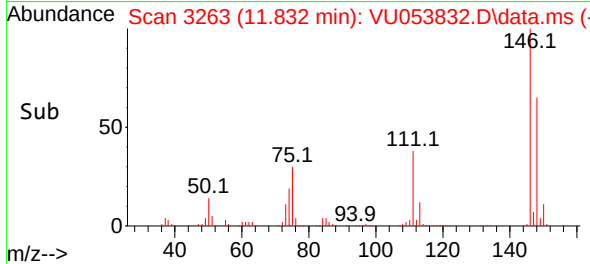
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



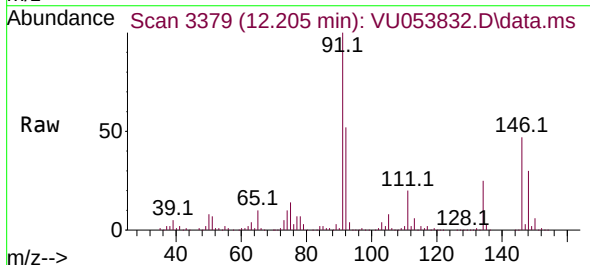
Tgt Ion:146 Resp: 278640
Ion Ratio Lower Upper
146 100
111 38.4 31.6 47.4
148 64.3 50.3 75.5

Manual Integrations
APPROVED

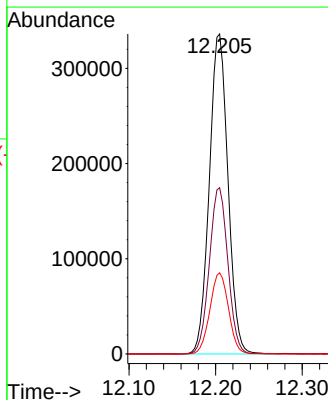
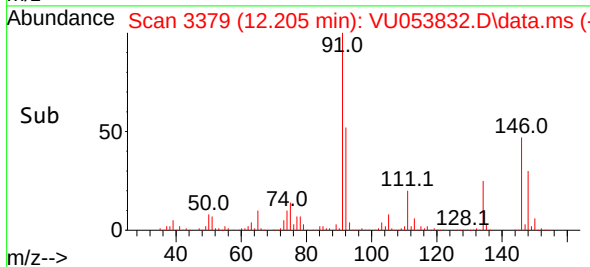
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

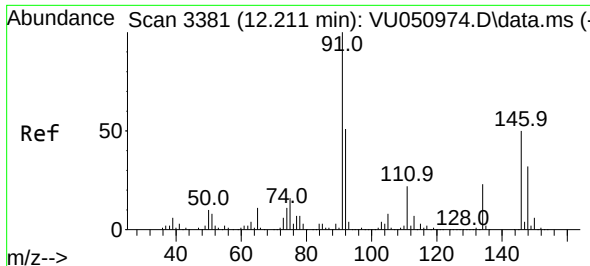


#84
n-Butylbenzene
Concen: 9.526 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08



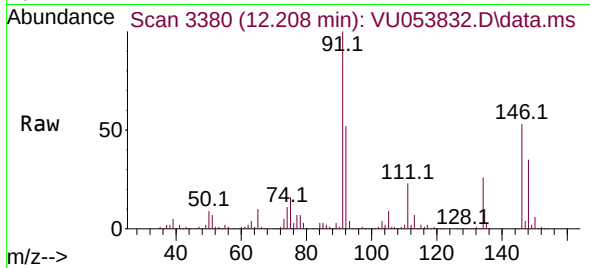
Tgt Ion: 91 Resp: 501829
Ion Ratio Lower Upper
91 100
92 51.8 40.8 61.2
134 25.3 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 9.852 ug/l
RT: 12.208 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

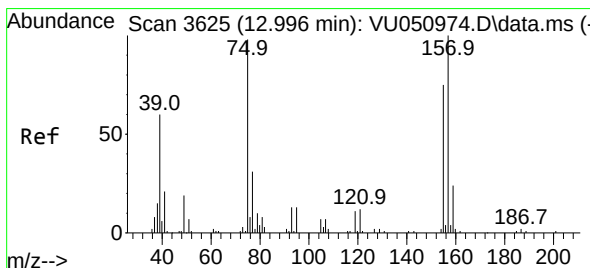
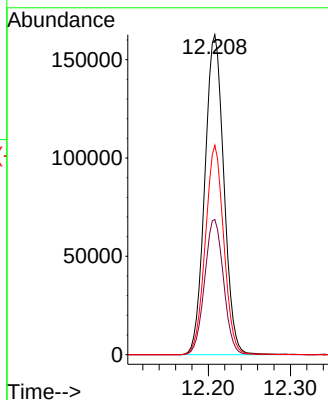
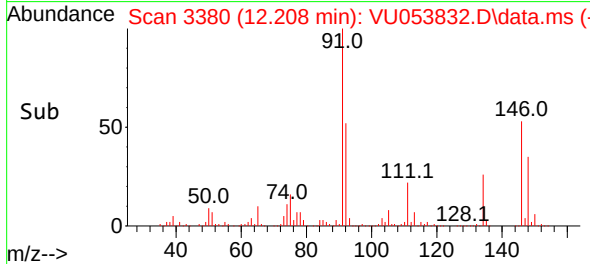
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:146 Resp: 26208
Ion Ratio Lower Upper
146 100
111 42.1 21.6 64.6
148 63.8 32.1 96.5

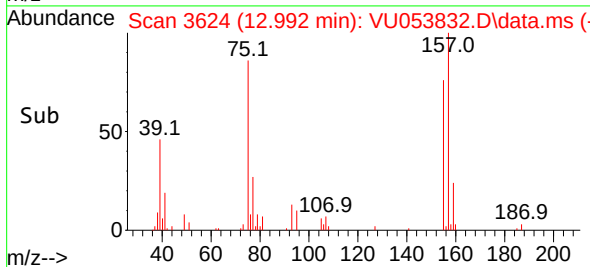
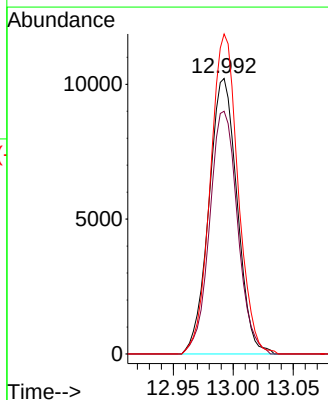
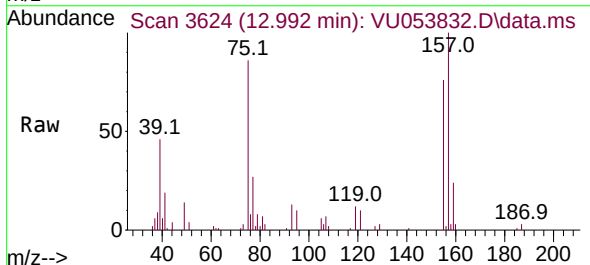
Manual Integrations
APPROVED

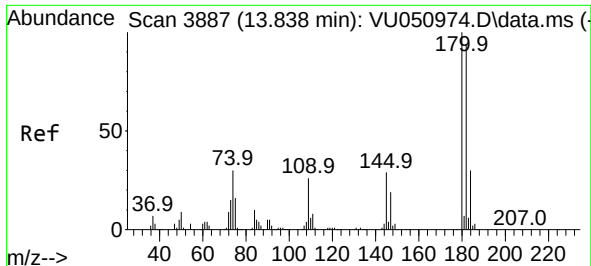
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 10.435 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

Tgt Ion: 75 Resp: 16726
Ion Ratio Lower Upper
75 100
155 87.2 61.8 92.8
157 113.6 80.2 120.4





#87

1,2,4-Trichlorobenzene

Concen: 9.585 ug/l

RT: 13.835 min Scan# 3886

Delta R.T. -0.000 min

Lab File: VU053832.D

Acq: 21 Apr 2023 19:08

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:180 Resp: 168538

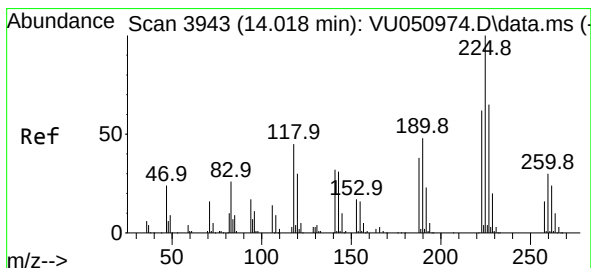
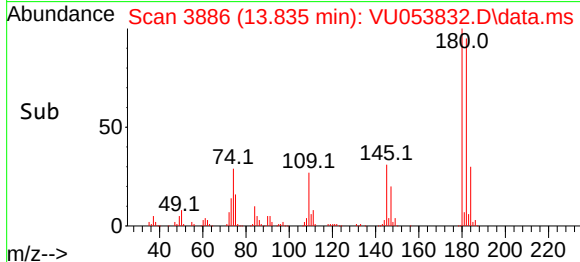
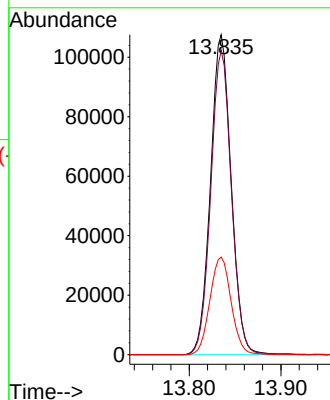
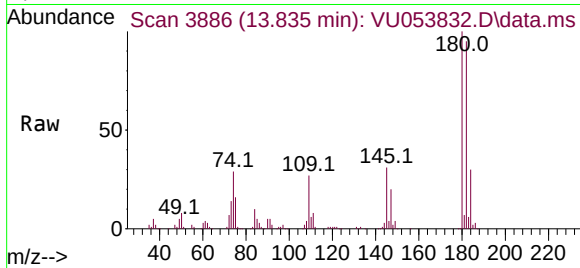
Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.6
145	31.4	23.9	35.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#88

Hexachlorobutadiene

Concen: 9.640 ug/l

RT: 14.015 min Scan# 3942

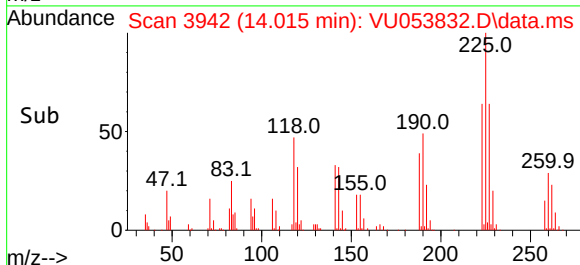
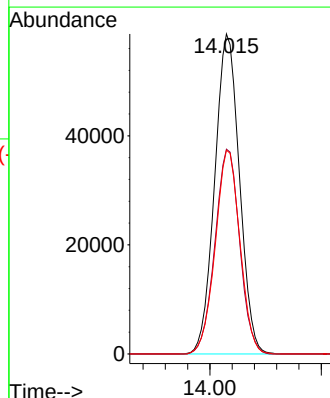
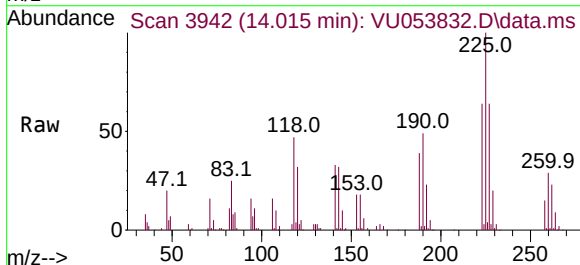
Delta R.T. -0.003 min

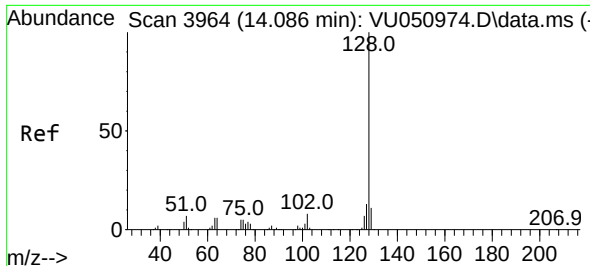
Lab File: VU053832.D

Acq: 21 Apr 2023 19:08

Tgt Ion:225 Resp: 90418

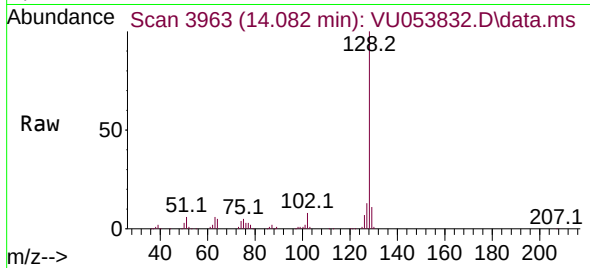
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.2	75.4
227	63.4	51.5	77.3





#89
Naphthalene
Concen: 9.451 ug/l
RT: 14.082 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

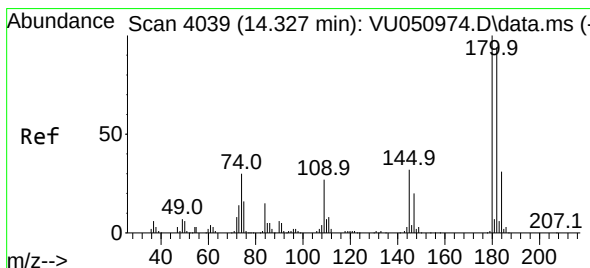
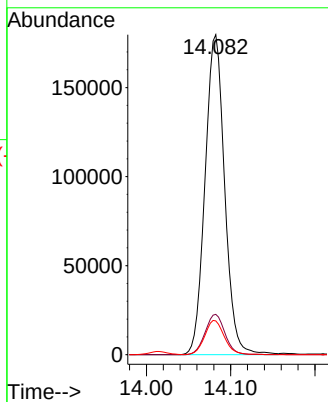
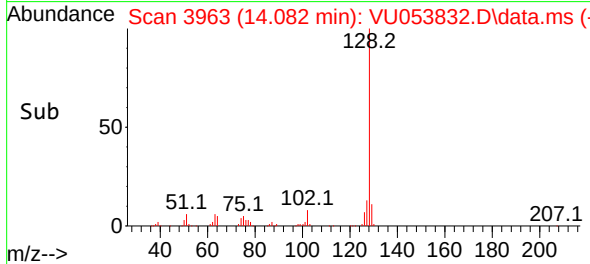
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:128 Resp: 29121
Ion Ratio Lower Upper
128 100
127 12.8 10.9 16.3
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#90
1,2,3-Trichlorobenzene
Concen: 9.223 ug/l
RT: 14.324 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU053832.D
Acq: 21 Apr 2023 19:08

Tgt Ion:180 Resp: 154189
Ion Ratio Lower Upper
180 100
182 94.2 75.7 113.5
145 31.9 26.1 39.1

