

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042123\
 Data File : VU053821.D
 Acq On : 21 Apr 2023 12:01
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

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

Quant Time: Apr 22 03:18:27 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	36927	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	14118	0.975	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.188	152	16312	0.948	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	112405	10.040	ug/l	98
3) Chloromethane	1.520	50	92176	9.144	ug/l	98
4) Vinyl Chloride	1.604	62	112129	9.621	ug/l	98
5) Bromomethane	1.861	94	78387	8.938	ug/l	100
6) Chloroethane	1.935	64	72118	9.664	ug/l	99
7) Trichlorofluoromethane	2.141	101	194001	9.909	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	115942	9.097	ug/l	93
9) 1,1-Dichloroethene	2.581	96	89132	8.542	ug/l	88
10) Iodomethane	2.723	142	110666	9.739	ug/l	95
11) Allyl Chloride	2.922	41	102984	8.311	ug/l	93
12) Acrylonitrile	3.321	53	41269	15.830	ug/l	99
13) Acetone	2.645	43	182666	50.123	ug/l	99
14) Carbon Disulfide	2.793	76	145407	8.486	ug/l	100
15) Methylene Chloride	3.044	84	134022	8.767	ug/l	88
16) trans-1,2-Dichloroethene	3.353	96	95753	8.487	ug/l	90
17) 1,1-Dichloroethane	3.867	63	202643	8.709	ug/l	98
18) 2-Butanone	4.710	43	209880	44.427	ug/l	100
19) Cyclohexane	5.388	56	135957m	8.445	ug/l	
20) Methylcyclohexane	6.761	83	166058	11.496	ug/l	90
21) 2,2-Dichloropropane	4.661	77	186600	8.823	ug/l	100
22) cis-1,2-Dichloroethene	4.661	96	122987	8.714	ug/l	95
23) Diethyl Ether	2.375	59	73047	9.495	ug/l	91
24) tert-Butyl Alcohol	3.250	59	80324m	76.688	ug/l	
25) Methyl tert-Butyl Ether	3.362	73	250767	8.614	ug/l	97
26) Bromochloromethane	4.973	128	53848	8.624	ug/l	88
27) Chloroform	5.086	83	223825	8.907	ug/l	98
28) 1,1,1-Trichloroethane	5.314	97	193259	9.280	ug/l	96
29) 1,1-Dichloropropene	5.523	75	140576	10.604	ug/l	98
30) Carbon Tetrachloride	5.523	117	163519	10.970	ug/l	97
31) Isopropyl Ether	3.989	45	276552	8.218	ug/l	93
32) Ethyl-t-butyl ether	4.497	59	286323	8.410	ug/l	94
33) Tert-Amyl methyl ether	5.938	73	263964	10.611	ug/l	98
34) Propionitrile	4.793	54	40367	38.216	ug/l	# 12
35) Benzene	5.771	78	430908	10.554	ug/l	99
36) 1,2-Dichloroethane	5.790	62	125748	9.804	ug/l	99
37) Trichloroethene	6.539	130	125893	10.859	ug/l	93
38) 1,2-Dichloropropane	6.787	63	121952	10.493	ug/l	99
39) Methacrylonitrile	4.970	41	29686	7.043	ug/l	92
40) Methyl acrylate	4.845	55	52785	7.584	ug/l	# 94
41) Tetrahydrofuran	5.060	42	27854	13.332	ug/l	# 85
42) 1-Chlorobutane	5.456	56	178447	9.862	ug/l	94
43) Dibromomethane	6.915	93	59712	10.130	ug/l	96
44) Bromodichloromethane	7.102	83	160459	10.799	ug/l	98

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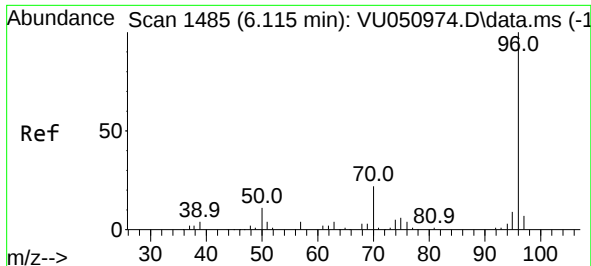
Manual Integrations
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.787	43	310913	51.859	ug/l	# 93
46) t-1,4-Dichloro-2-butene	10.832	75	56601m	22.738	ug/l	
47) Methyl methacrylate	6.957	69	107732	20.808	ug/l	90
48) Ethyl methacrylate	8.330	69	106977	10.541	ug/l	88
49) Toluene	7.967	92	282095	10.965	ug/l	96
50) t-1,3-Dichloropropene	8.208	75	148316	11.110	ug/l	100
51) cis-1,3-Dichloropropene	7.603	75	177446	11.132	ug/l	95
52) 1,1,2-Trichloroethane	8.394	97	93666	10.014	ug/l	98
53) 1,3-Dichloropropane	8.571	76	153339	10.471	ug/l	99
54) 2-Hexanone	8.681	43	329360	58.580	ug/l	93
55) Dibromochloromethane	8.806	129	107530	10.932	ug/l	98
56) 1,2-Dibromoethane	8.918	107	85256	10.569	ug/l	100
58) Tetrachloroethene	8.552	164	118601	10.579	ug/l	95
59) Chlorobenzene	9.443	112	347174	10.845	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.529	131	122852	10.643	ug/l	100
61) Pentachloroethane	11.423	117	89350	10.037	ug/l	90
62) Hexachloroethane	12.471	117	96871	11.149	ug/l	99
63) Ethyl Benzene	9.568	91	573879	11.354	ug/l	97
64) m/p-Xylenes	9.690	106	453337	22.765	ug/l	93
65) o-Xylene	10.099	106	227396	11.325	ug/l	94
66) Styrene	10.111	104	363074	11.372	ug/l	99
67) Bromoform	10.288	173	56265	11.008	ug/l	100
69) Isopropylbenzene	10.481	105	600491	11.443	ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.777	83	115400	9.582	ug/l	99
71) 1,2,3-Trichloropropane	10.822	75	68139m	7.840	ug/l	
72) Bromobenzene	10.777	156	142654	10.597	ug/l	90
73) n-propylbenzene	10.902	120	174145	11.962	ug/l	86
74) 2-Chlorotoluene	10.983	126	148436	10.786	ug/l	89
75) 1,3,5-Trimethylbenzene	11.082	105	518915	11.335	ug/l	98
76) 4-Chlorotoluene	11.092	126	157464	11.225	ug/l	88
77) tert-Butylbenzene	11.417	119	508754	11.044	ug/l	97
78) 1,2,4-Trimethylbenzene	11.462	105	534027	11.431	ug/l	96
79) sec-Butylbenzene	11.639	105	704712	11.381	ug/l	97
80) Nitrobenzene	13.204	77	17320	45.402	ug/l	99
81) p-Isopropyltoluene	11.790	119	589230	11.616	ug/l	97
82) 1,3-Dichlorobenzene	11.742	146	305626	10.620	ug/l	98
83) 1,4-Dichlorobenzene	11.832	146	301031	10.492	ug/l	98
84) n-Butylbenzene	12.205	91	563688	10.015	ug/l	97
85) 1,2-Dichlorobenzene	12.208	146	283219	10.064	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.992	75	17352	10.233	ug/l	83
87) 1,2,4-Trichlorobenzene	13.835	180	194239	10.442	ug/l	99
88) Hexachlorobutadiene	14.018	225	102687	10.349	ug/l	99
89) Naphthalene	14.082	128	339537	10.416	ug/l	99
90) 1,2,3-Trichlorobenzene	14.327	180	174225	9.851	ug/l	99

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. 0.004 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

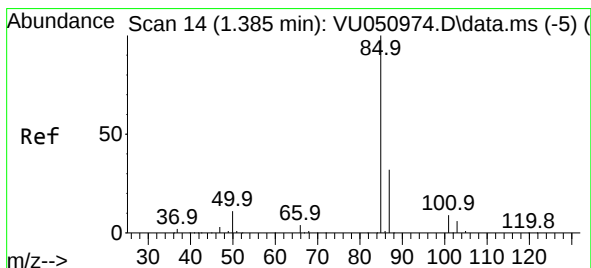
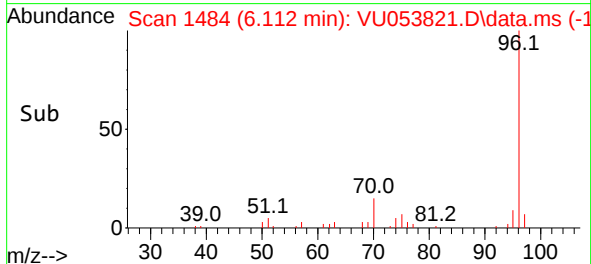
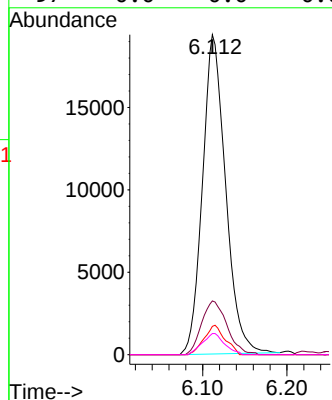
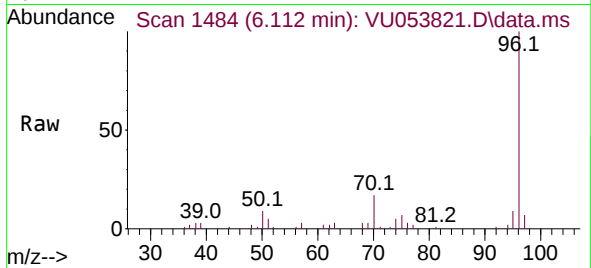
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 96 Resp: 3692

Ion	Ratio	Lower	Upper
96	100		
70	18.5	16.5	24.7
95	8.4	7.4	11.0
97	0.0	0.0	0.0

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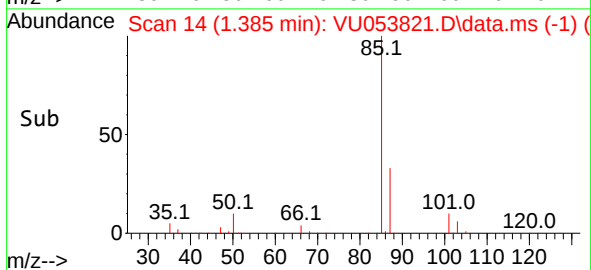
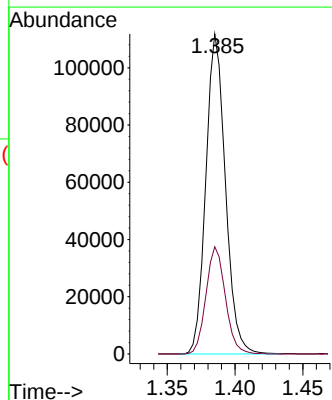
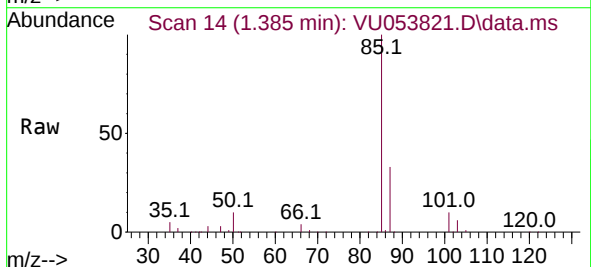
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

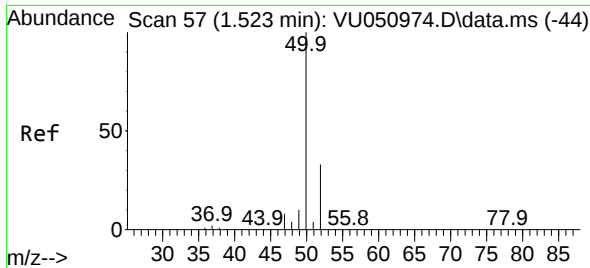


#2
Dichlorodifluoromethane
Concen: 10.040 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

Tgt Ion: 85 Resp: 112405

Ion	Ratio	Lower	Upper
85	100		
87	33.5	16.2	48.6





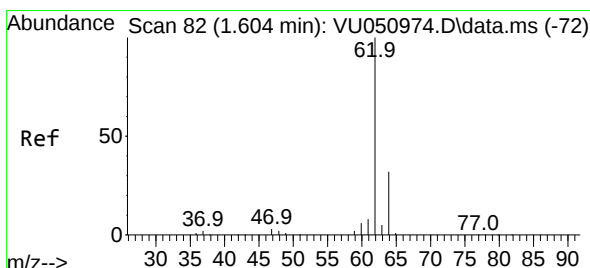
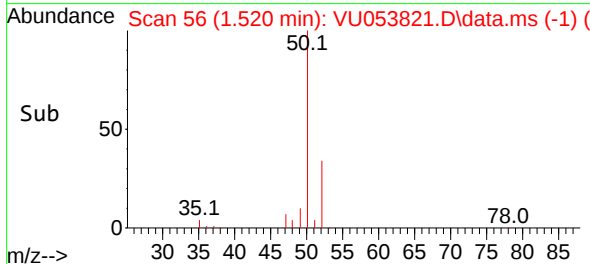
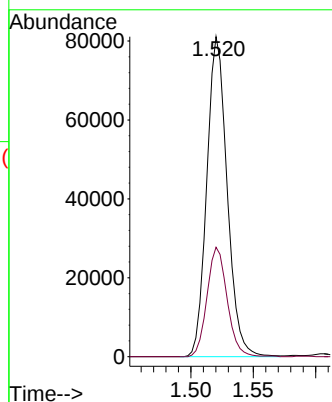
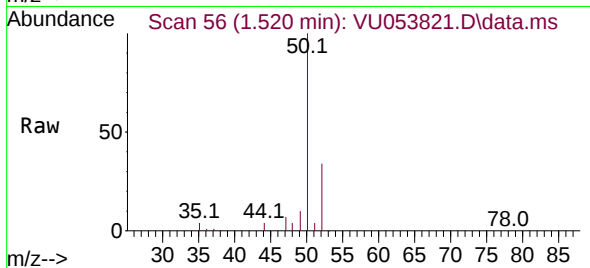
#3
Chloromethane
Concen: 9.144 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 50 Resp: 92170
Ion Ratio Lower Upper
50 100
52 34.2 26.6 40.0

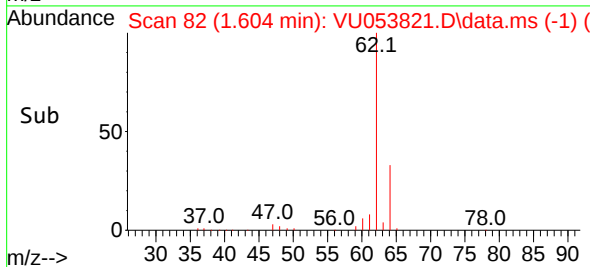
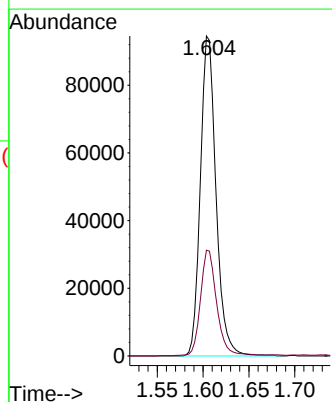
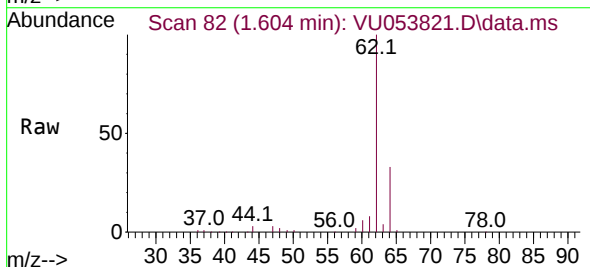
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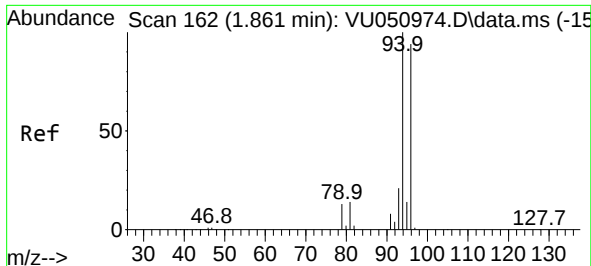
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#4
Vinyl Chloride
Concen: 9.621 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

Tgt Ion: 62 Resp: 112129
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.2





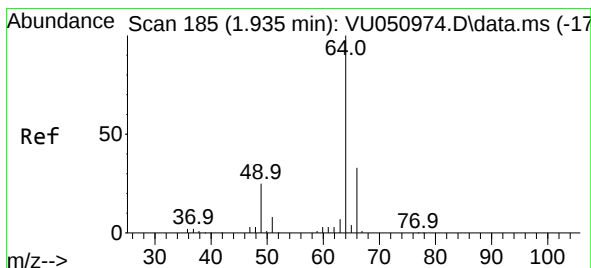
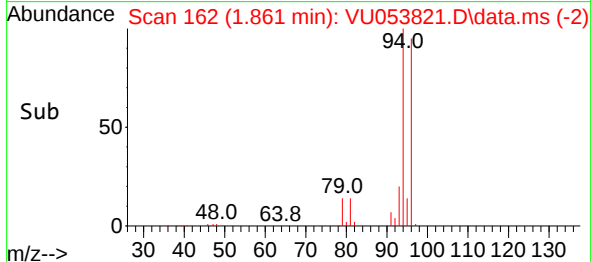
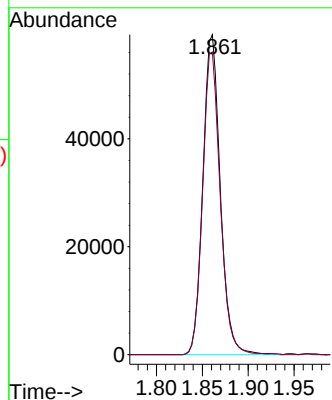
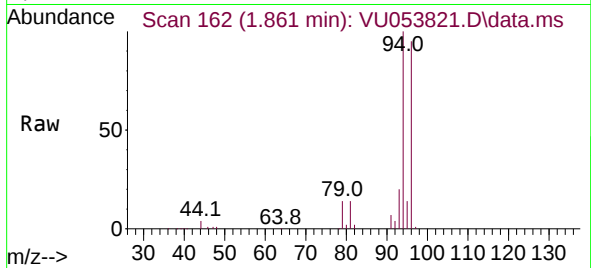
#5
Bromomethane
Concen: 8.938 ug/l
RT: 1.861 min Scan# 1
Delta R.T. 0.016 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 94 Resp: 7838
Ion Ratio Lower Upper
94 100
96 94.6 75.4 113.2

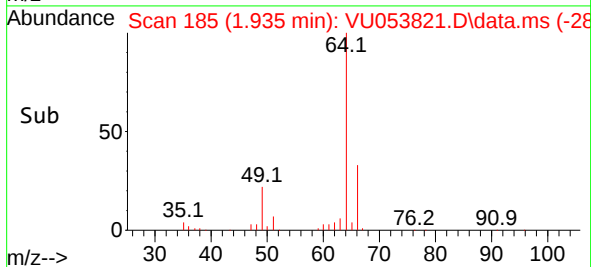
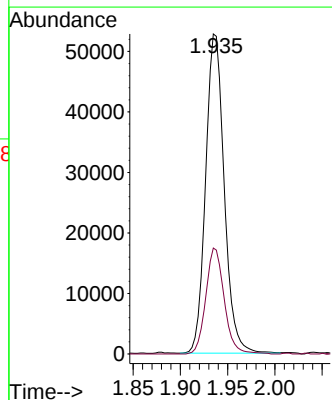
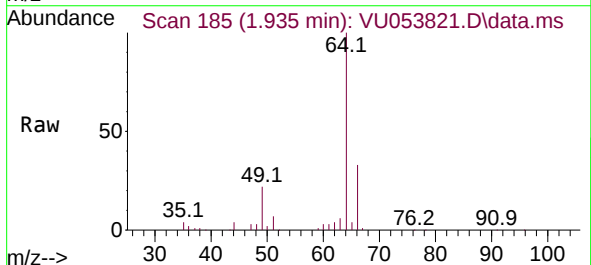
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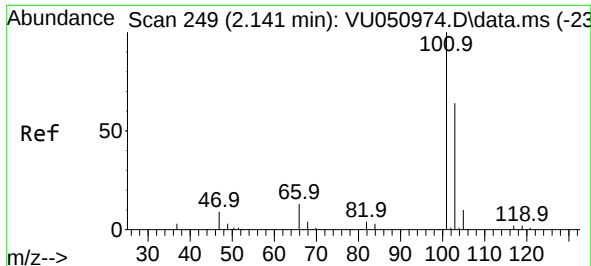
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#6
Chloroethane
Concen: 9.664 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.006 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

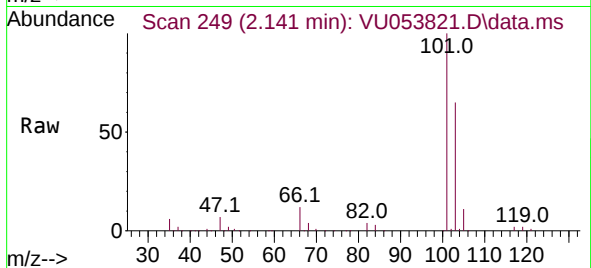
Tgt Ion: 64 Resp: 72118
Ion Ratio Lower Upper
64 100
66 33.2 26.0 39.0





#7
Trichlorofluoromethane
Concen: 9.909 ug/l
RT: 2.141 min Scan# 249
Delta R.T. 0.006 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

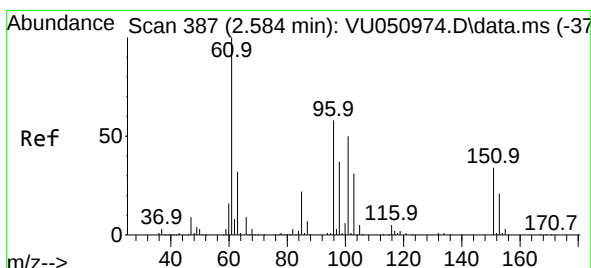
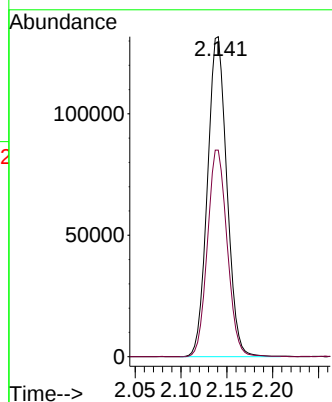
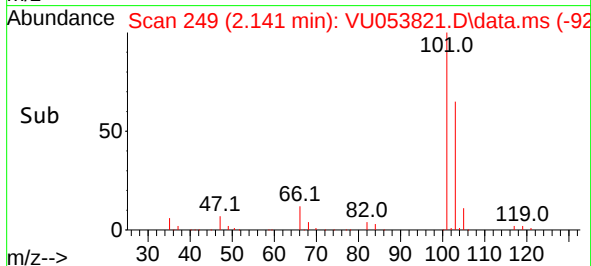
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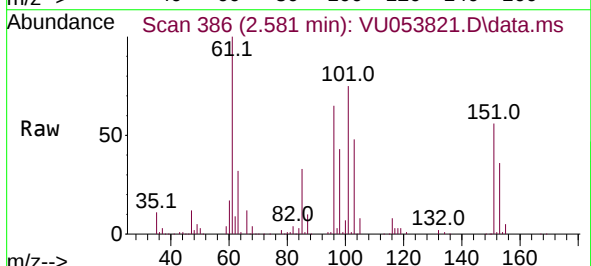
Tgt Ion:101 Resp: 19400
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0

Manual Integrations
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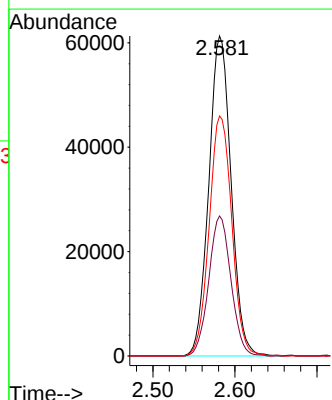
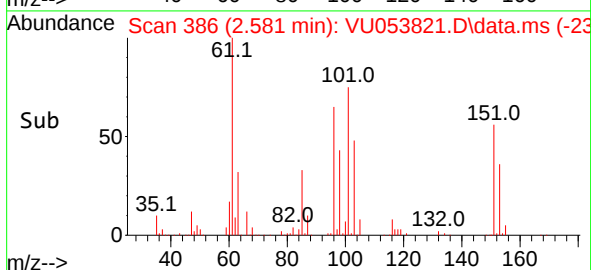
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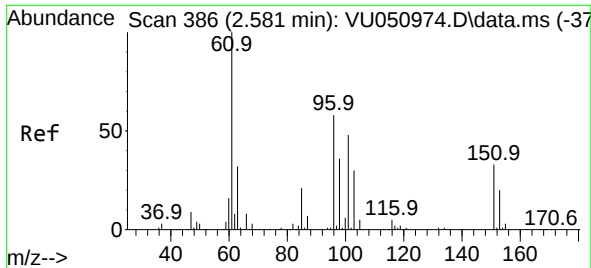


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.097 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01



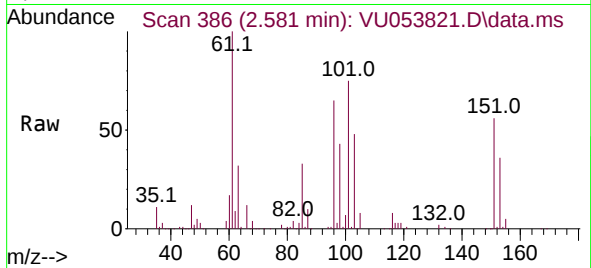
Tgt Ion:101 Resp: 115942
Ion Ratio Lower Upper
101 100
85 43.4 35.4 53.0
151 76.0 54.0 81.0





#9
1,1-Dichloroethene
Concen: 8.542 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

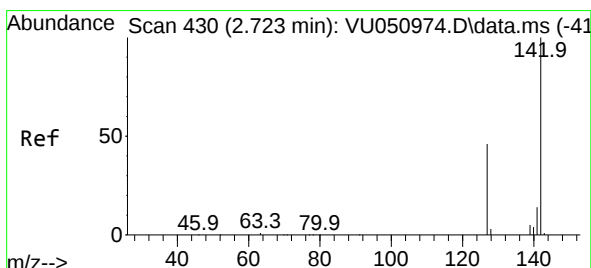
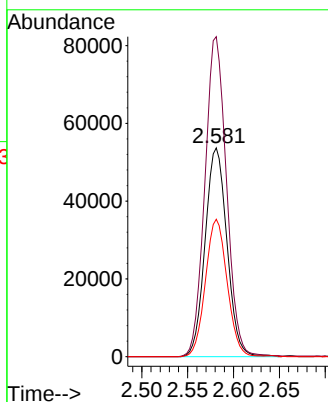
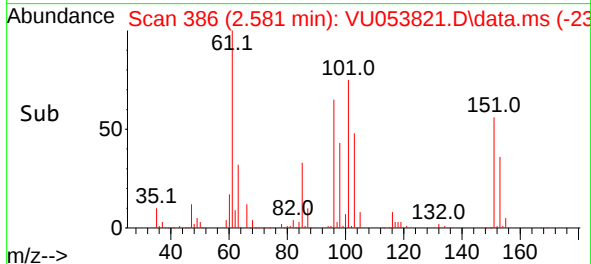
Instrument :
MSVOA_U
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VSTDCCC010



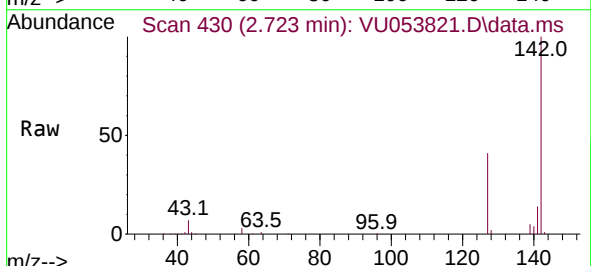
Tgt Ion: 96 Resp: 8913
Ion Ratio Lower Upper
96 100
61 153.2 0.0 521.4
98 65.8 0.0 125.8

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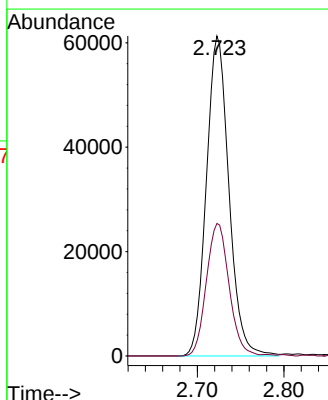
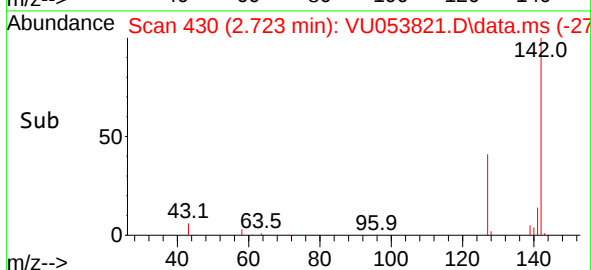
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

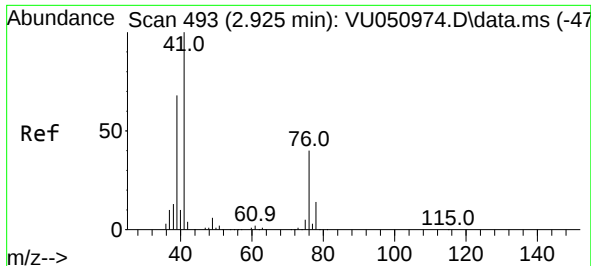


#10
Iodomethane
Concen: 9.739 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.003 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01



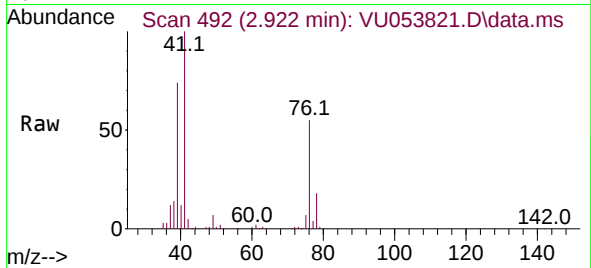
Tgt Ion:142 Resp: 110666
Ion Ratio Lower Upper
142 100
127 41.8 35.9 53.9





#11
 Allyl Chloride
 Concen: 8.311 ug/l
 RT: 2.922 min Scan# 493
 Delta R.T. 0.003 min
 Lab File: VU053821.D
 Acq: 21 Apr 2023 12:01

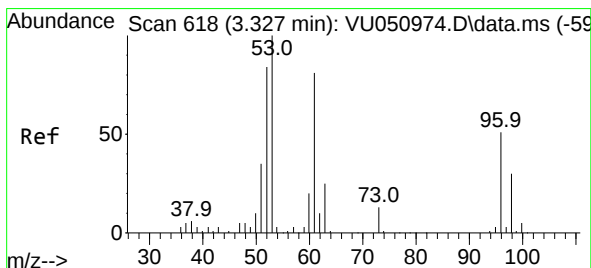
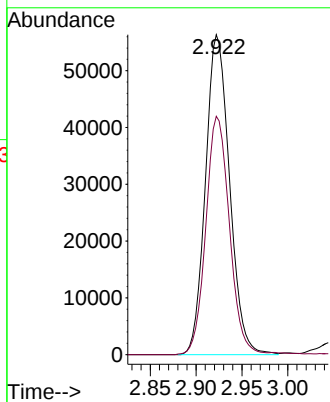
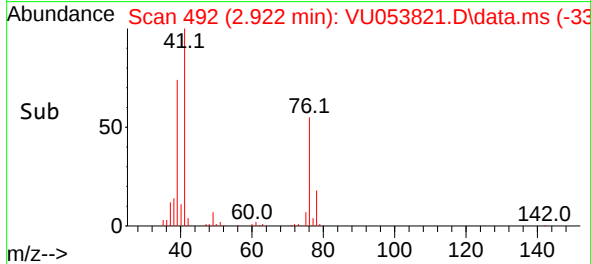
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010



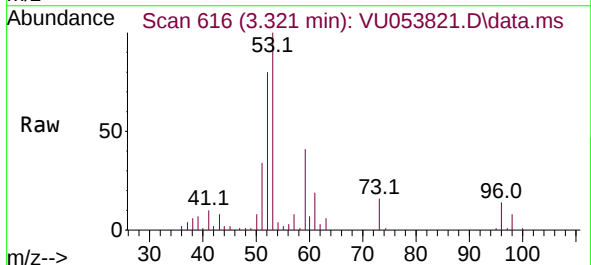
Tgt Ion: 41 Resp: 102984
 Ion Ratio Lower Upper
 41 100
 39 73.0 54.2 81.2

Manual Integrations
 APPROVED

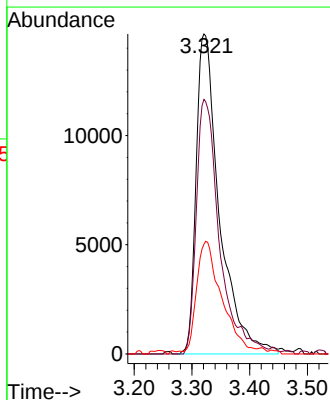
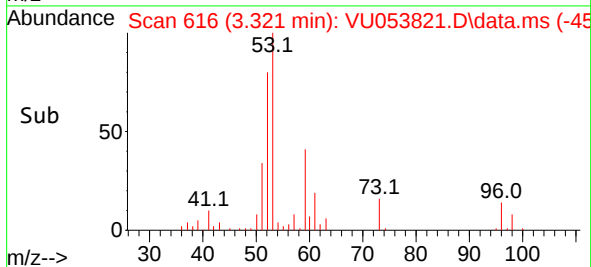
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

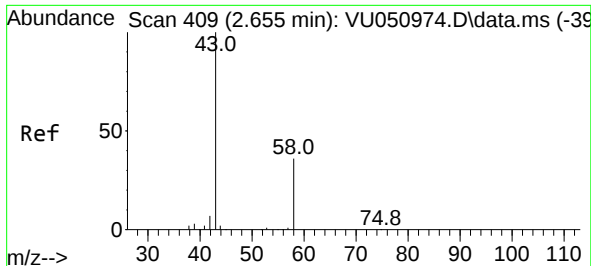


#12
 Acrylonitrile
 Concen: 15.830 ug/l
 RT: 3.321 min Scan# 616
 Delta R.T. 0.013 min
 Lab File: VU053821.D
 Acq: 21 Apr 2023 12:01



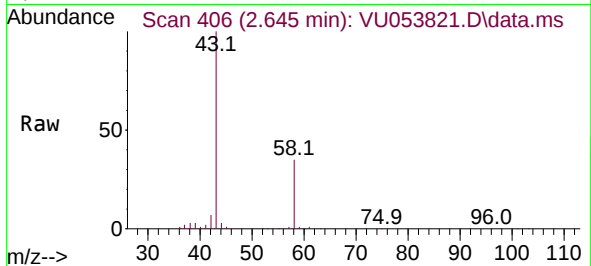
Tgt Ion: 53 Resp: 41269
 Ion Ratio Lower Upper
 53 100
 52 78.5 62.9 94.3
 51 35.9 27.8 41.6





#13
Acetone
Concen: 50.123 ug/l
RT: 2.645 min Scan# 406
Delta R.T. 0.026 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

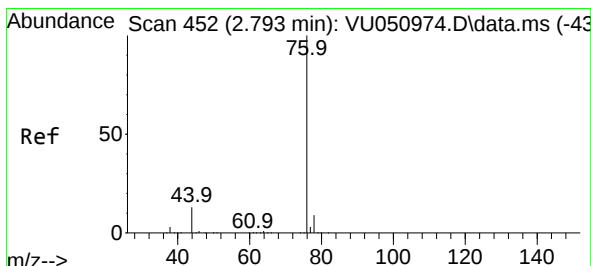
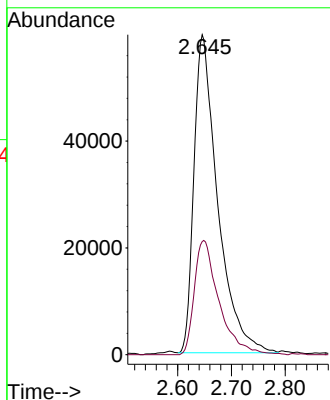
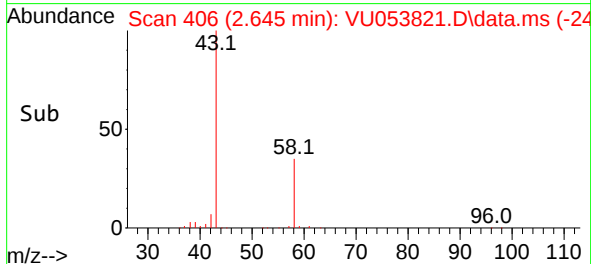
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 18266
Ion Ratio Lower Upper
43 100
58 35.5 29.0 43.4

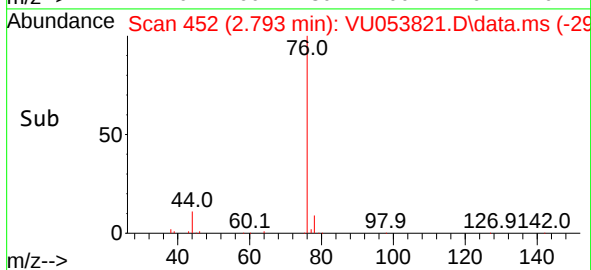
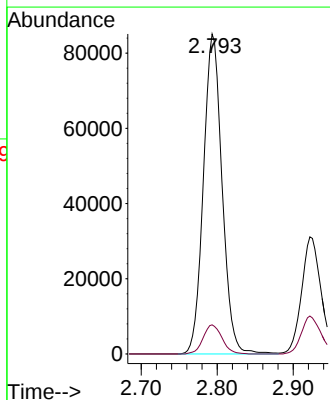
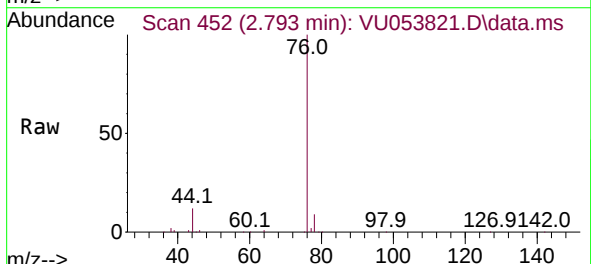
Manual Integrations
APPROVED

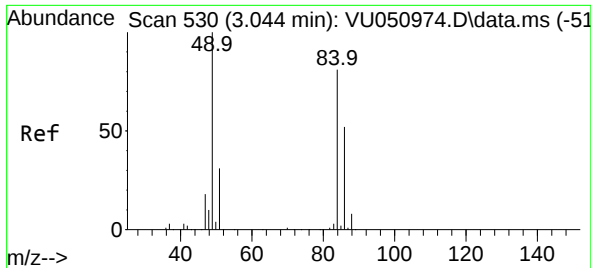
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#14
Carbon Disulfide
Concen: 8.486 ug/l
RT: 2.793 min Scan# 452
Delta R.T. 0.006 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

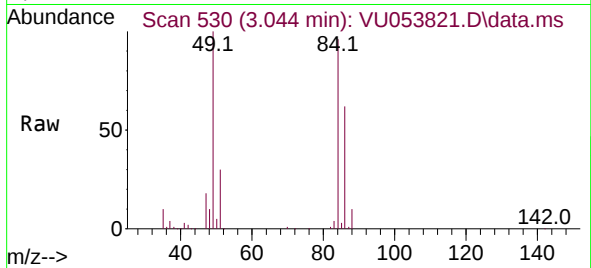
Tgt Ion: 76 Resp: 145407
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0





#15
Methylene Chloride
Concen: 8.767 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

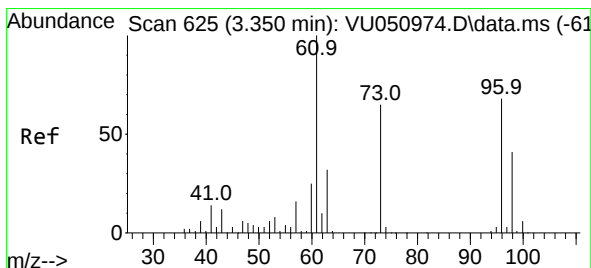
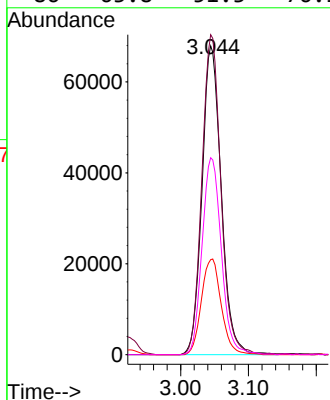
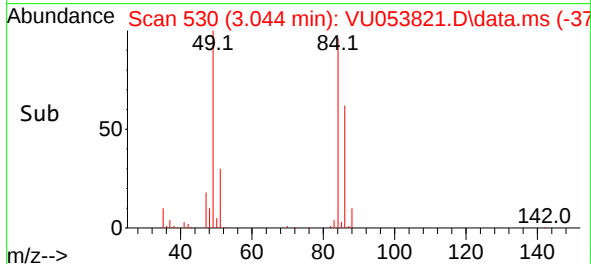
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 84 Resp: 13402
Ion Ratio Lower Upper
84 100
49 103.7 98.9 148.3
51 30.8 0.0 75.4
86 63.8 51.3 76.9

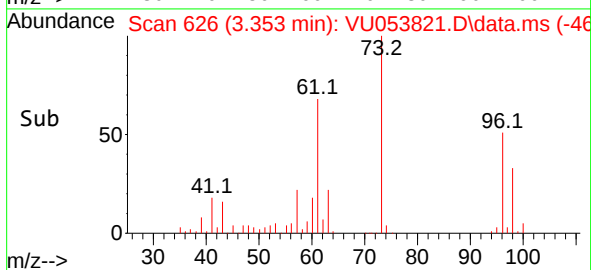
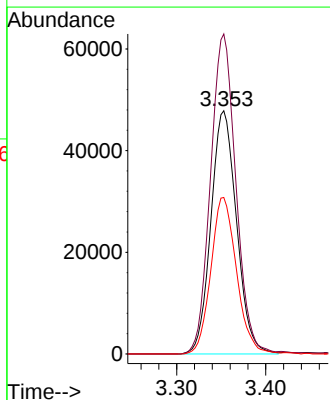
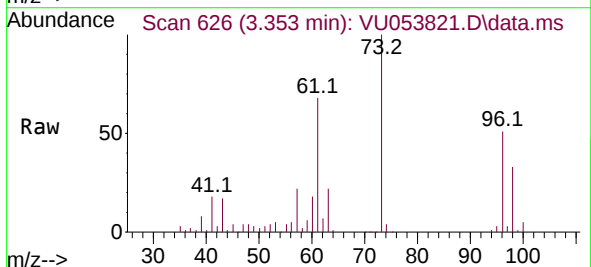
Manual Integrations
APPROVED

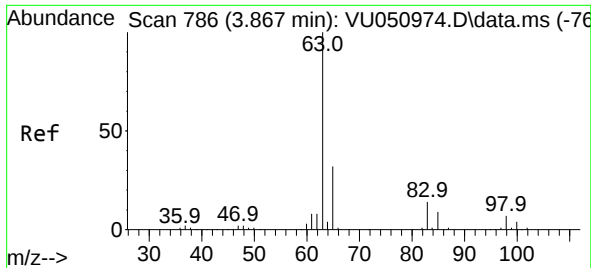
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#16
trans-1,2-Dichloroethene
Concen: 8.487 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.006 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

Tgt Ion: 96 Resp: 95753
Ion Ratio Lower Upper
96 100
61 131.6 117.5 176.3
98 64.4 48.3 72.5





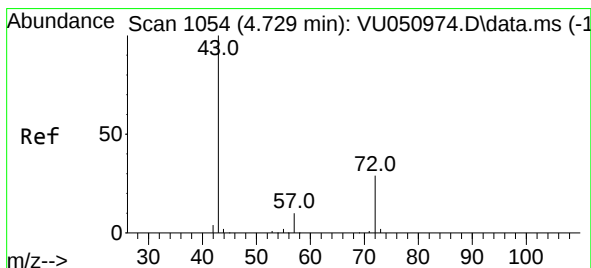
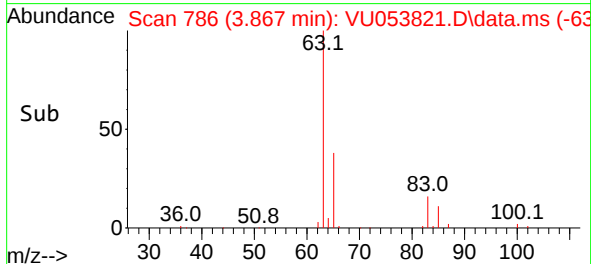
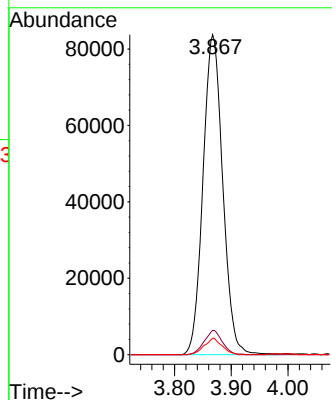
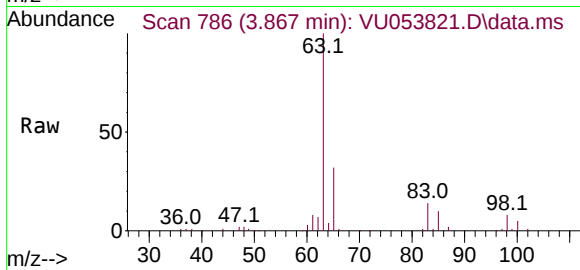
#17
1,1-Dichloroethane
Concen: 8.709 ug/l
RT: 3.867 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 20264
Ion Ratio Lower Upper
63 100
98 7.6 3.4 10.1
100 5.2 2.2 6.6

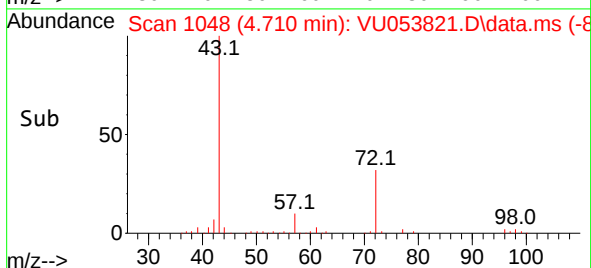
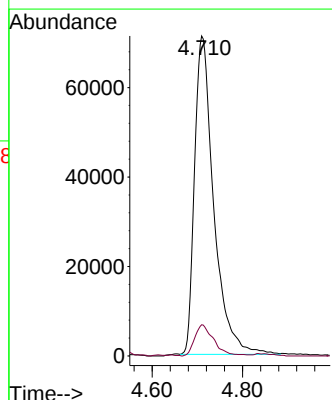
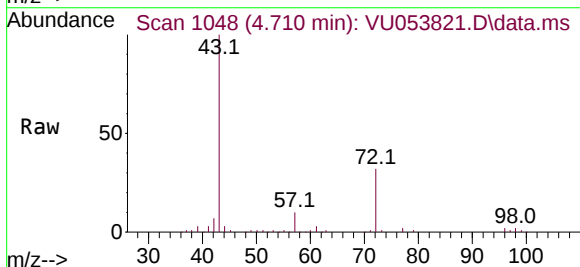
Manual Integrations
APPROVED

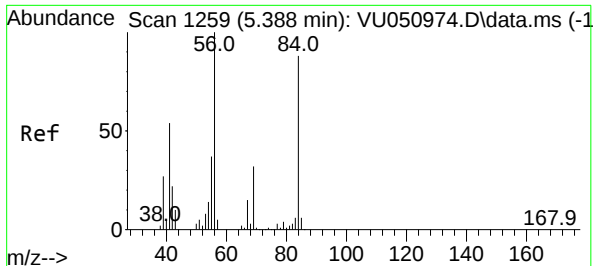
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#18
2-Butanone
Concen: 44.427 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

Tgt Ion: 43 Resp: 209880
Ion Ratio Lower Upper
43 100
57 9.6 0.0 19.6





#19

Cyclohexane

Concen: 8.445 ug/l m

RT: 5.388 min Scan# 1259

Delta R.T. 0.013 min

Lab File: VU053821.D

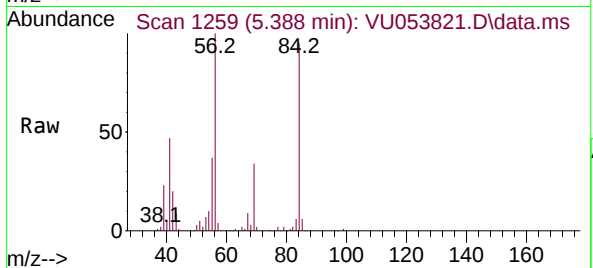
Acq: 21 Apr 2023 12:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010



Tgt Ion: 56 Resp: 13595

Ion Ratio Lower Upper

56 100

69 33.0 24.6 37.0

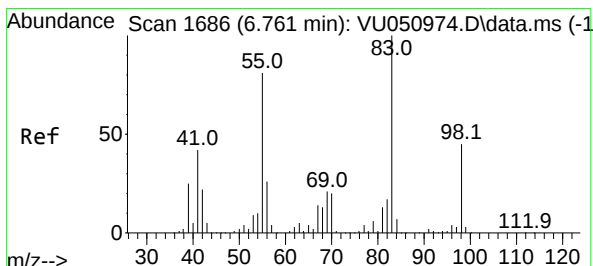
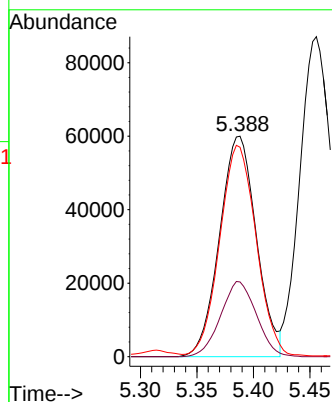
84 93.1 68.4 102.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#20

Methylcyclohexane

Concen: 11.496 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VU053821.D

Acq: 21 Apr 2023 12:01

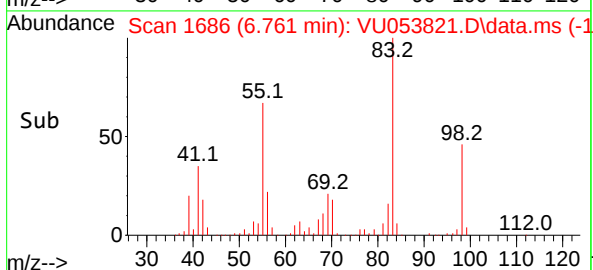
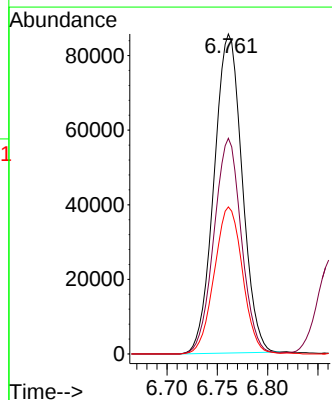
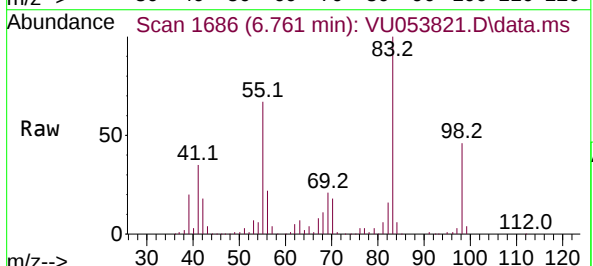
Tgt Ion: 83 Resp: 166058

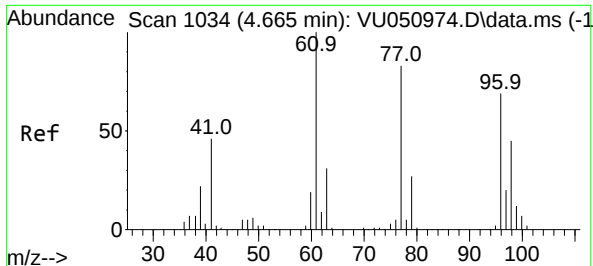
Ion Ratio Lower Upper

83 100

55 65.8 63.5 95.3

98 46.1 36.0 54.0





#21

2,2-Dichloropropane

Concen: 8.823 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU053821.D

Acq: 21 Apr 2023 12:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 77 Resp: 186600

Ion Ratio Lower Upper

77 100

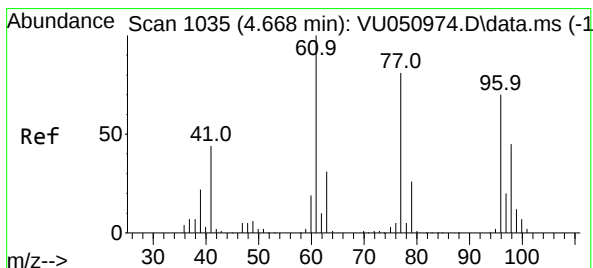
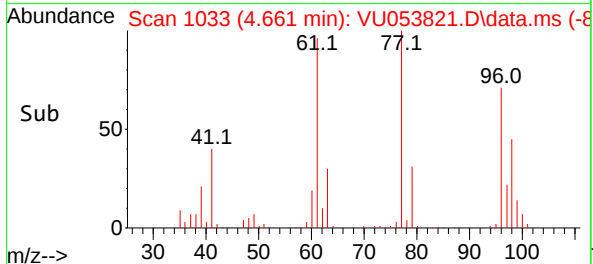
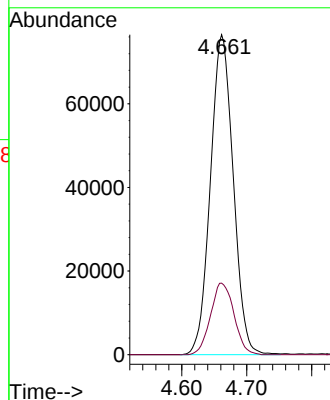
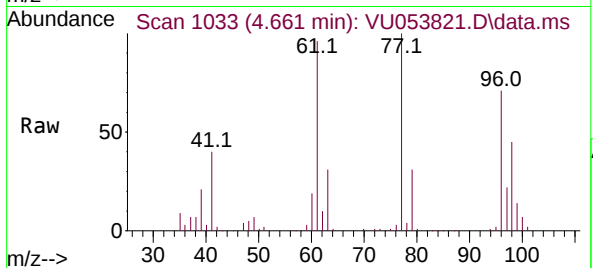
97 23.0 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#22

cis-1,2-Dichloroethene

Concen: 8.714 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU053821.D

Acq: 21 Apr 2023 12:01

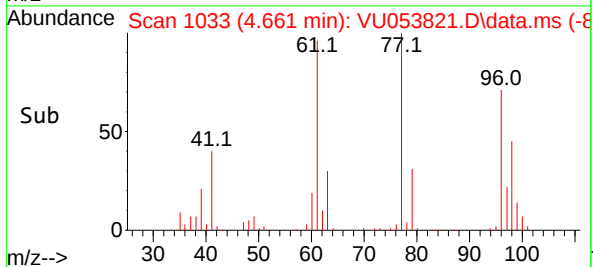
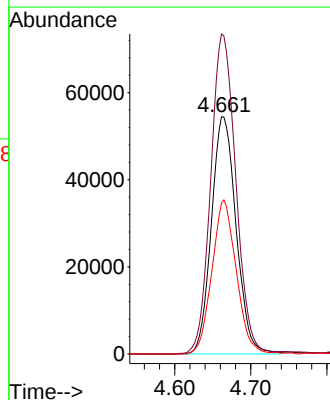
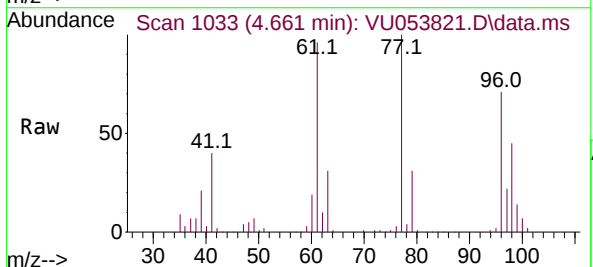
Tgt Ion: 96 Resp: 122987

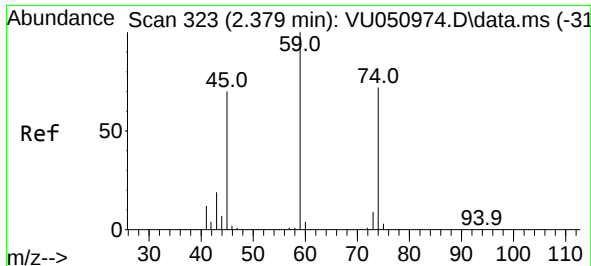
Ion Ratio Lower Upper

96 100

61 136.8 0.0 365.8

98 63.7 32.0 96.0





#23

Diethyl Ether

Concen: 9.495 ug/l

RT: 2.375 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053821.D

Acq: 21 Apr 2023 12:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 7304

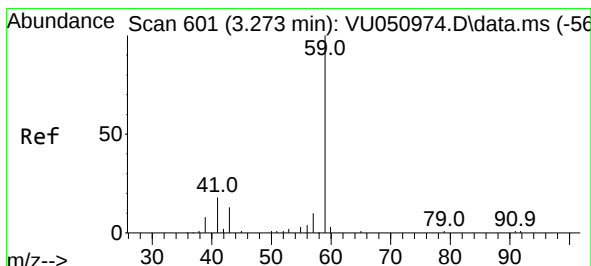
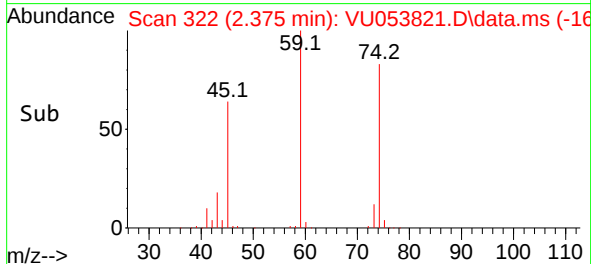
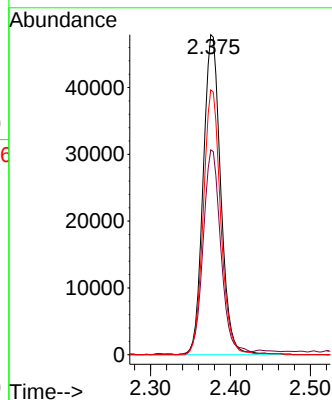
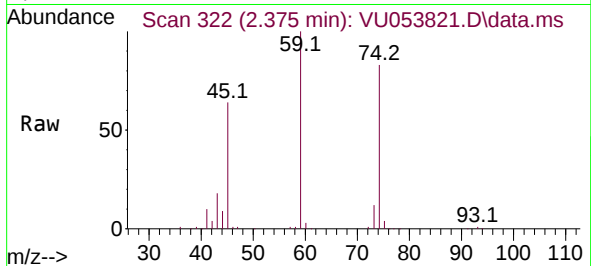
Ion	Ratio	Lower	Upper
59	100		
45	65.3	56.1	84.1
74	81.8	57.4	86.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#24

tert-Butyl Alcohol

Concen: 76.688 ug/l m

RT: 3.250 min Scan# 594

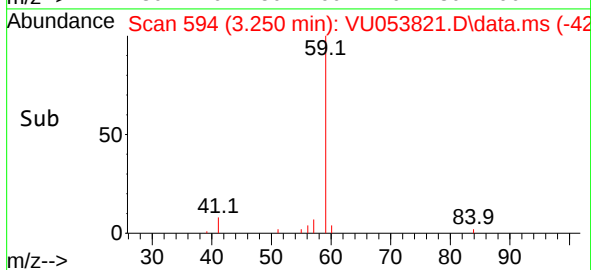
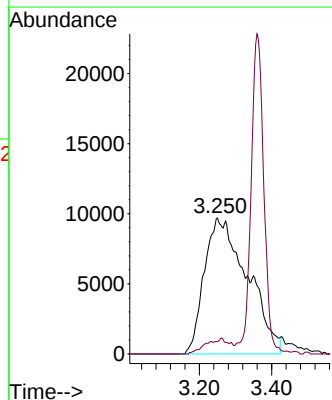
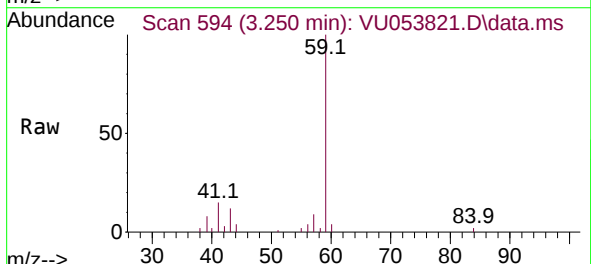
Delta R.T. 0.061 min

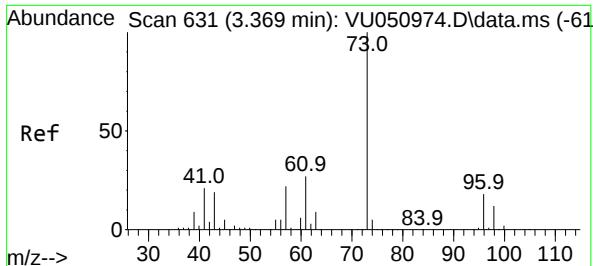
Lab File: VU053821.D

Acq: 21 Apr 2023 12:01

Tgt Ion: 59 Resp: 80324

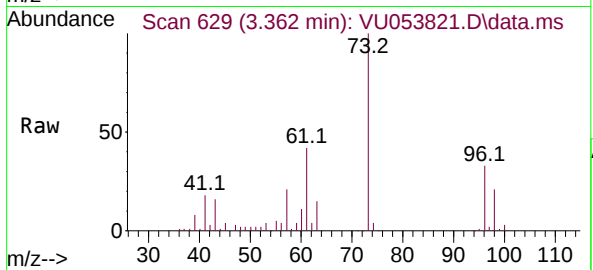
Ion	Ratio	Lower	Upper
59	100		
57	2.5	105.6	158.4#





#25
Methyl tert-Butyl Ether
Concen: 8.614 ug/l
RT: 3.362 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

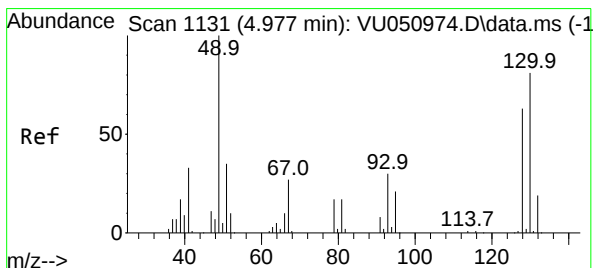
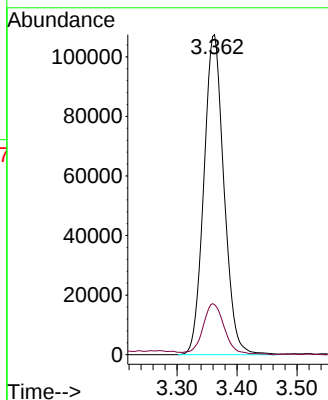
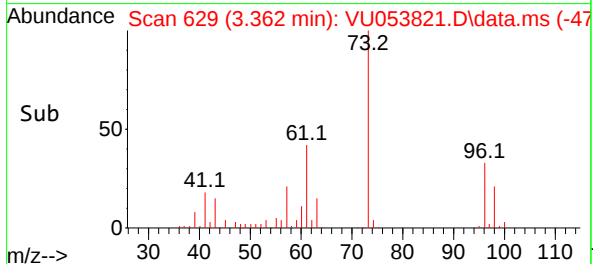
Instrument :
MSVOA_U
Client Sample Id :
VSTDCCC010



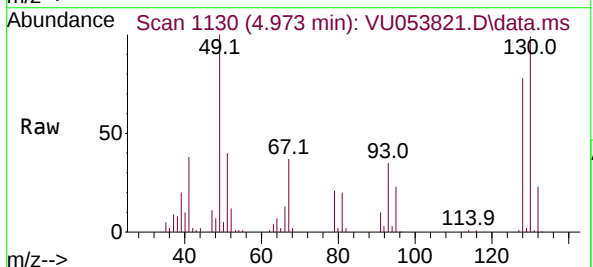
Tgt Ion: 73 Resp: 25076
Ion Ratio Lower Upper
73 100
43 17.3 15.0 22.6

Manual Integrations
APPROVED

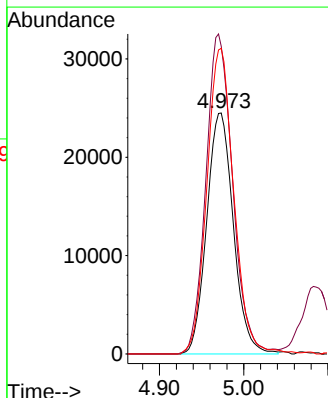
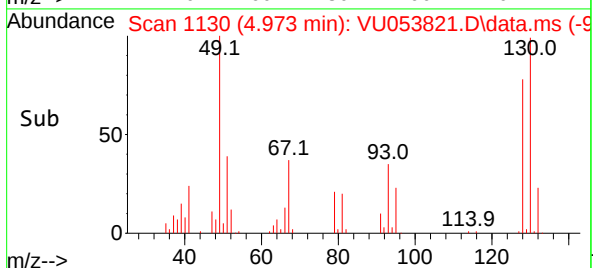
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

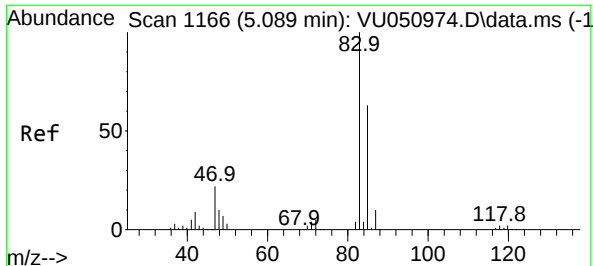


#26
Bromochloromethane
Concen: 8.624 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01



Tgt Ion:128 Resp: 53848
Ion Ratio Lower Upper
128 100
49 133.1 0.0 324.6
130 128.3 103.0 154.4





#27

Chloroform

Concen: 8.907 ug/l

RT: 5.086 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU053821.D

Acq: 21 Apr 2023 12:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 223825

Ion Ratio Lower Upper

83 100

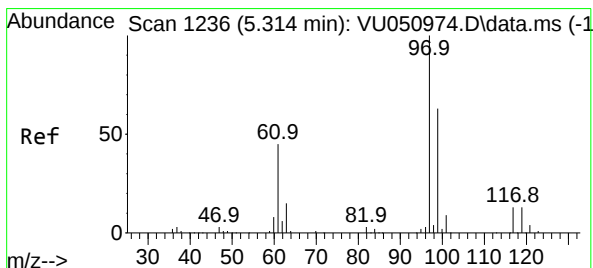
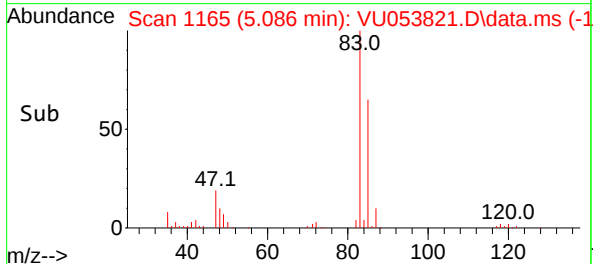
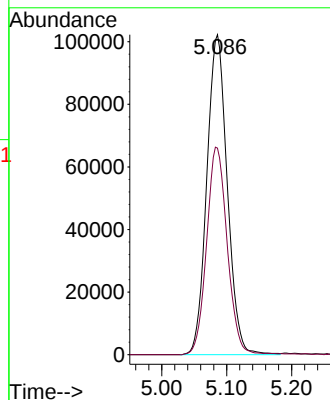
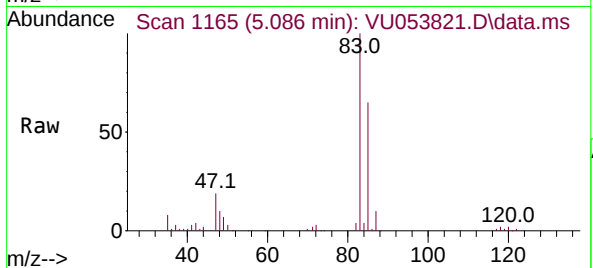
85 64.5 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#28

1,1,1-Trichloroethane

Concen: 9.280 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. 0.006 min

Lab File: VU053821.D

Acq: 21 Apr 2023 12:01

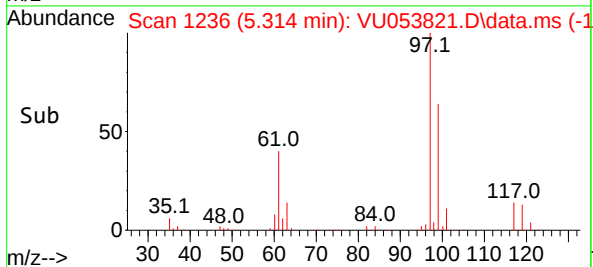
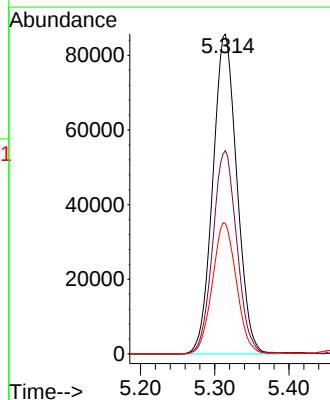
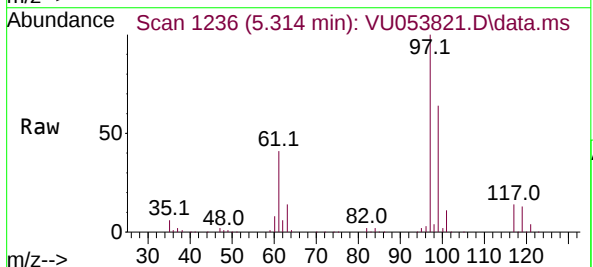
Tgt Ion: 97 Resp: 193259

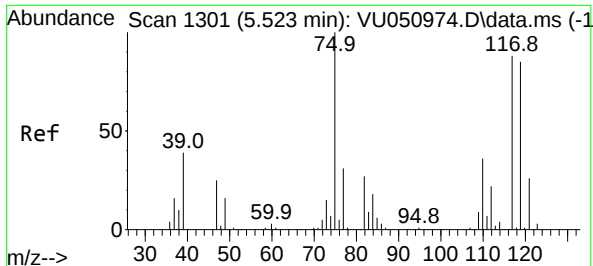
Ion Ratio Lower Upper

97 100

99 63.4 32.0 96.2

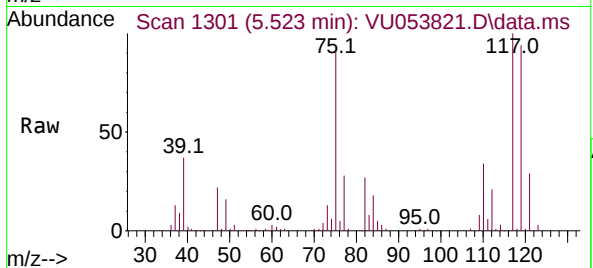
61 40.9 22.9 68.5





#29
1,1-Dichloropropene
Concen: 10.604 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

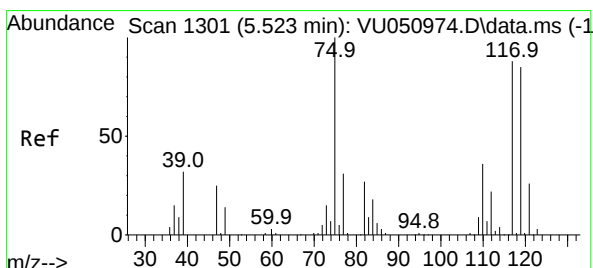
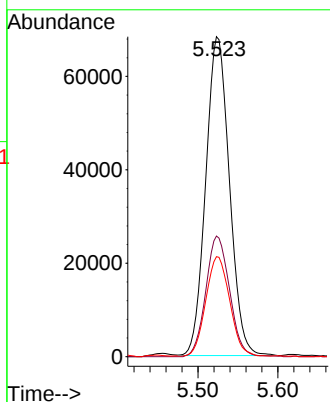
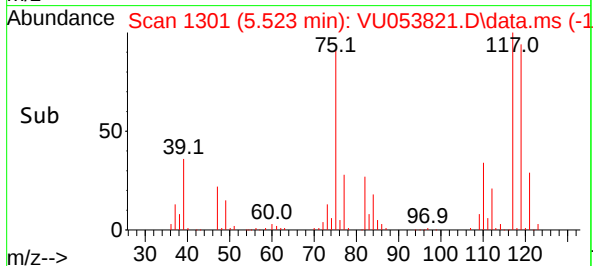
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



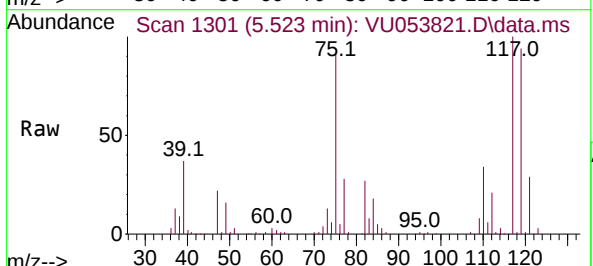
Tgt Ion: 75 Resp: 140570
Ion Ratio Lower Upper
75 100
110 38.0 18.0 54.0
77 31.4 24.7 37.1

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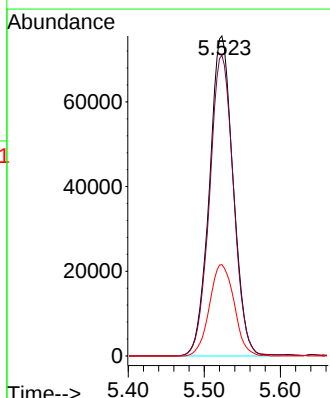
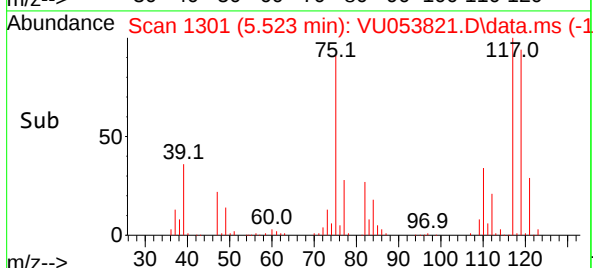
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

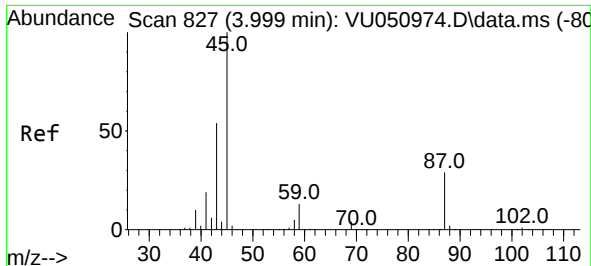


#30
Carbon Tetrachloride
Concen: 10.970 ug/l
RT: 5.523 min Scan# 1301
Delta R.T. 0.010 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01



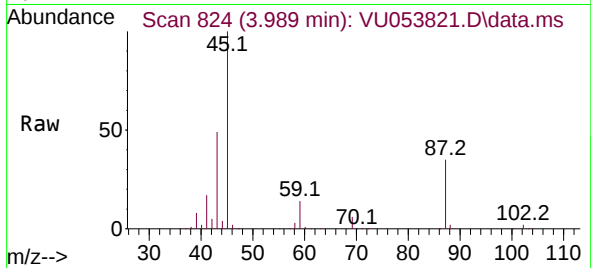
Tgt Ion:117 Resp: 163519
Ion Ratio Lower Upper
117 100
119 94.0 77.4 116.0
121 28.5 24.0 36.0





#31
Isopropyl Ether
Concen: 8.218 ug/l
RT: 3.989 min Scan# 81
Delta R.T. -0.007 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

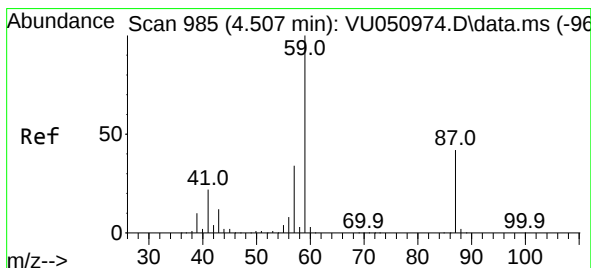
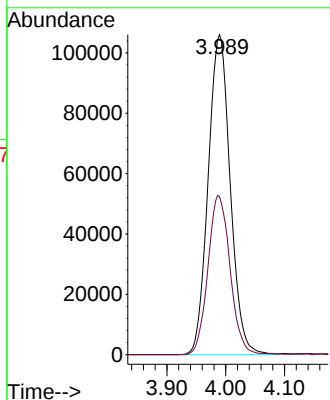
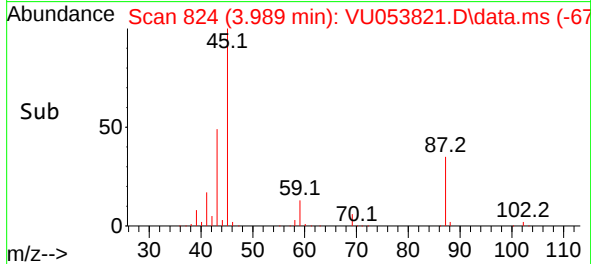
Instrument :
MSVOA_U
Client Sample Id :
VSTDCCC010



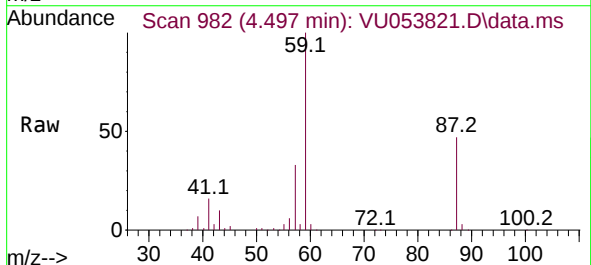
Tgt Ion: 45 Resp: 27655
Ion Ratio Lower Upper
45 100
43 50.0 27.5 82.5

Manual Integrations
APPROVED

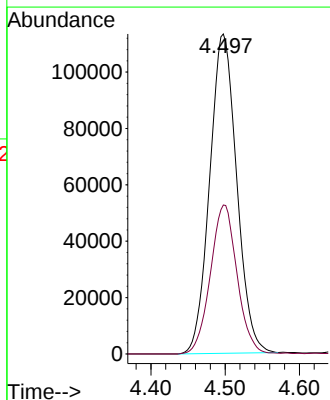
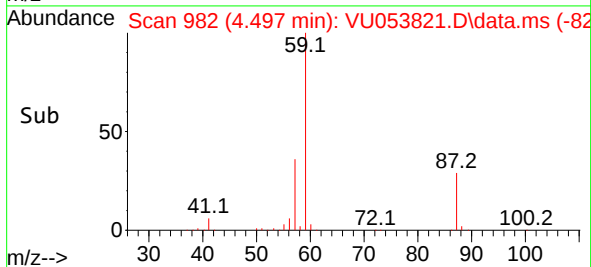
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

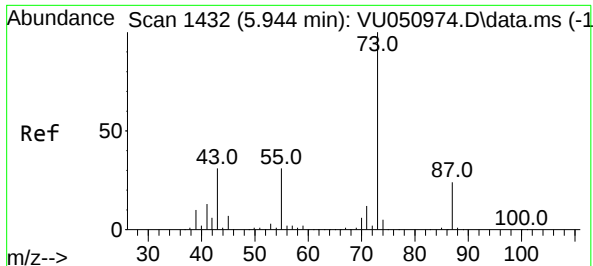


#32
Ethyl-t-butyl ether
Concen: 8.410 ug/l
RT: 4.497 min Scan# 982
Delta R.T. -0.010 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01



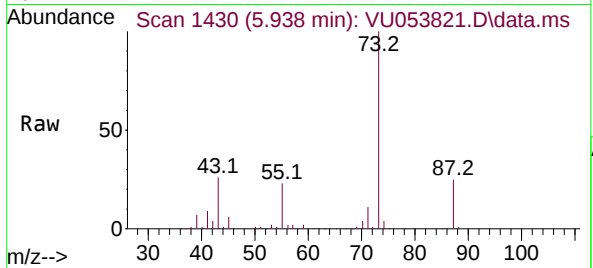
Tgt Ion: 59 Resp: 286323
Ion Ratio Lower Upper
59 100
87 45.7 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 10.611 ug/l
RT: 5.938 min Scan# 1432
Delta R.T. -0.006 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

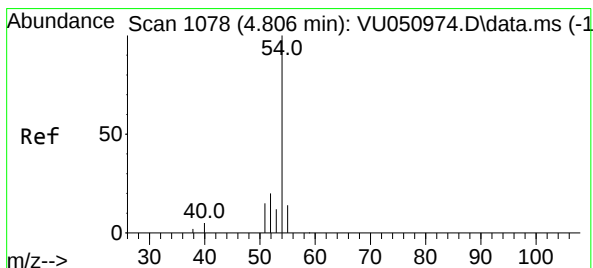
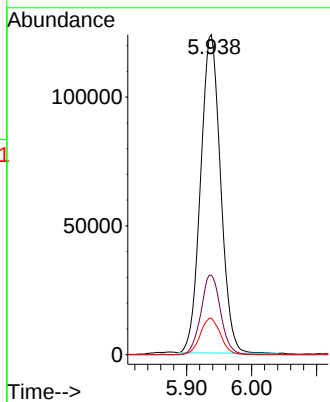
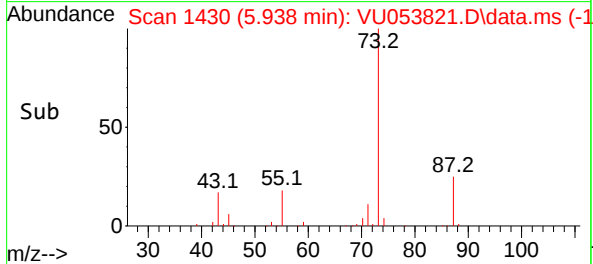
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 73 Resp: 263964
Ion Ratio Lower Upper
73 100
87 24.6 18.6 28.0
71 11.7 9.9 14.9

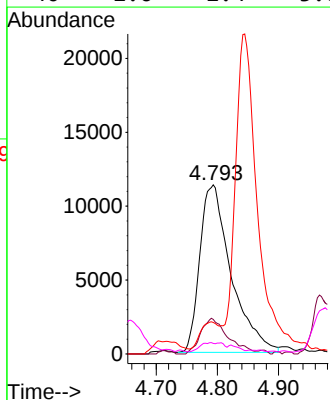
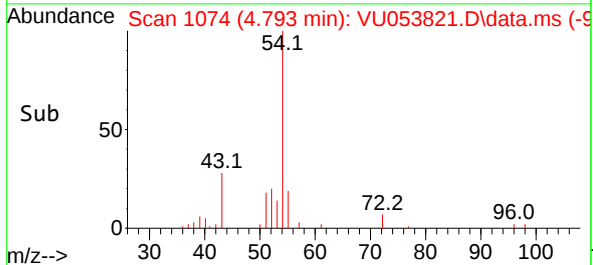
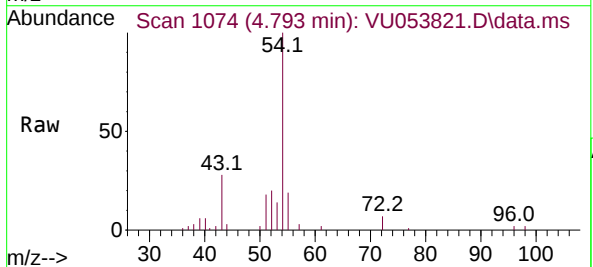
Manual Integrations
APPROVED

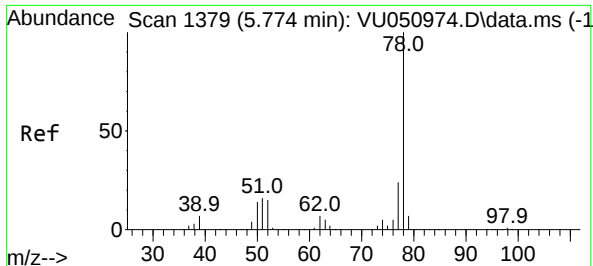
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#34
Propionitrile
Concen: 38.216 ug/l
RT: 4.793 min Scan# 1074
Delta R.T. 0.016 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

Tgt Ion: 54 Resp: 40367
Ion Ratio Lower Upper
54 100
52 18.5 17.4 26.0
55 9.0 104.1 156.1#
40 2.6 2.4 3.6





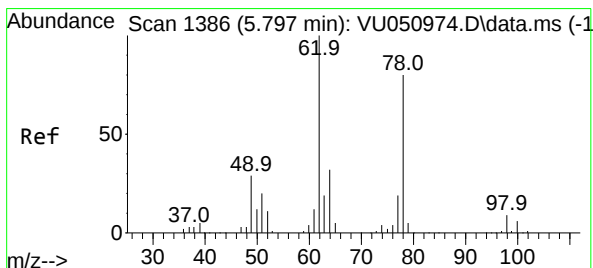
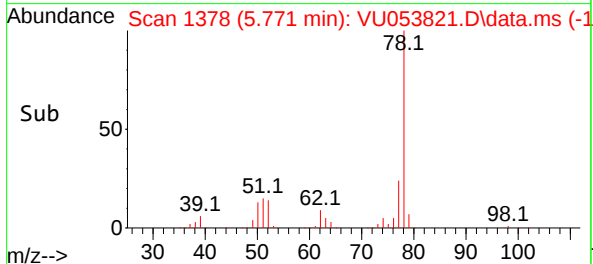
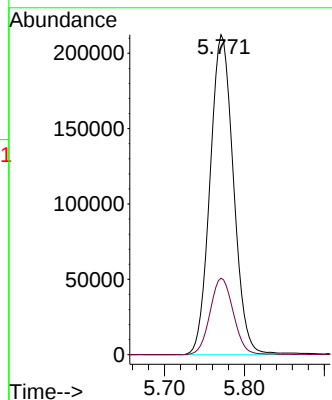
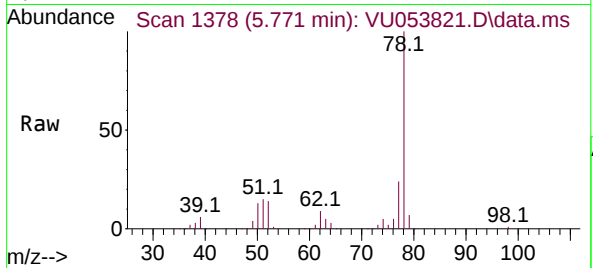
#35
Benzene
Concen: 10.554 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 78 Resp: 430908
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3

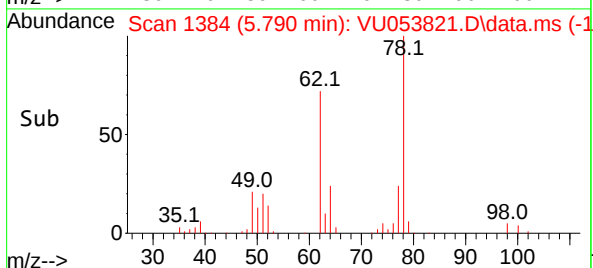
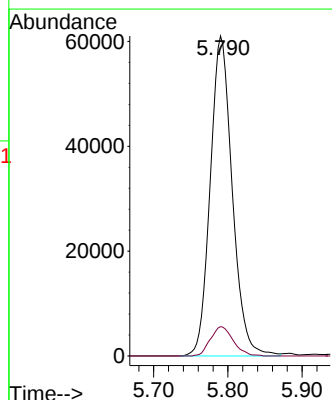
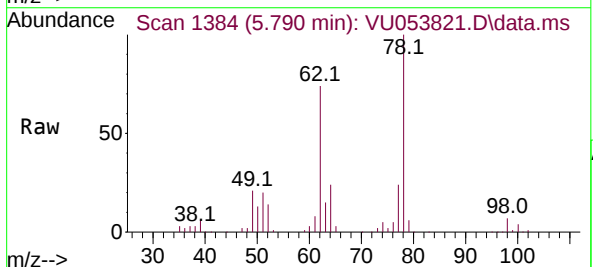
Manual Integrations
APPROVED

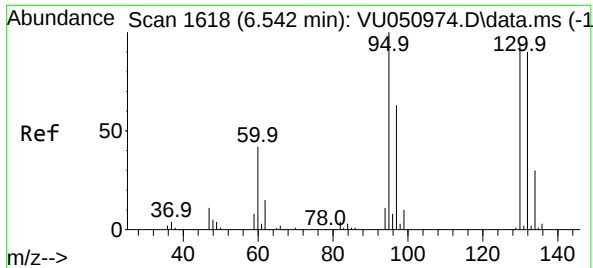
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#36
1,2-Dichloroethane
Concen: 9.804 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

Tgt Ion: 62 Resp: 125748
Ion Ratio Lower Upper
62 100
98 9.5 7.3 10.9





#37
 Trichloroethene
 Concen: 10.859 ug/l
 RT: 6.539 min Scan# 1617
 Delta R.T. 0.003 min
 Lab File: VU053821.D
 Acq: 21 Apr 2023 12:01

Instrument :

MSVOA_U

ClientSampleId :

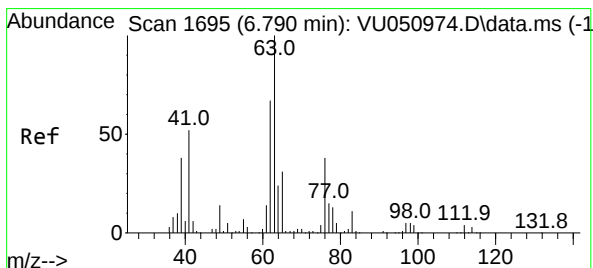
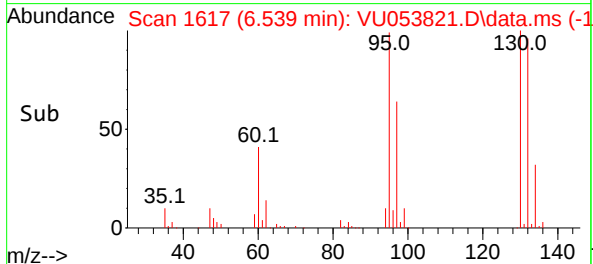
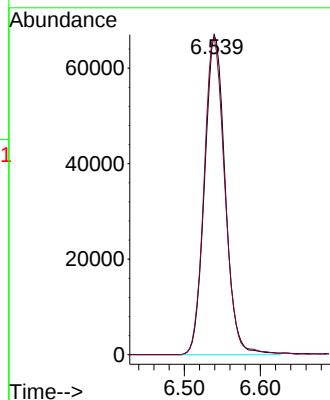
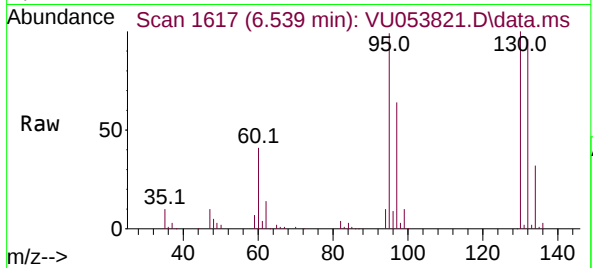
VSTDCCC010

Tgt Ion:130 Resp: 12589
 Ion Ratio Lower Upper
 130 100
 95 99.3 85.0 127.6

Manual Integrations

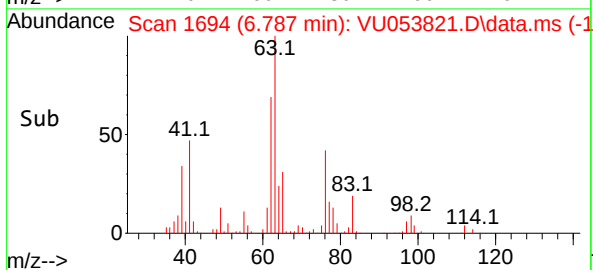
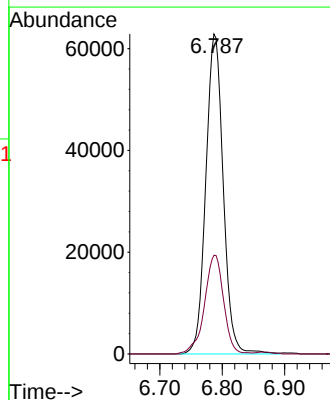
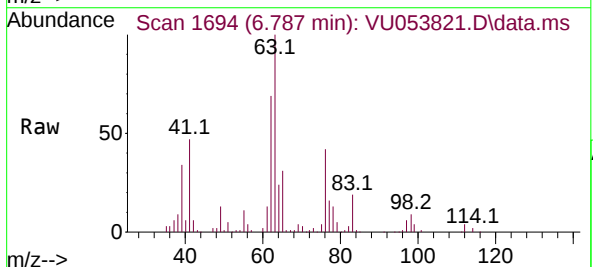
APPROVED

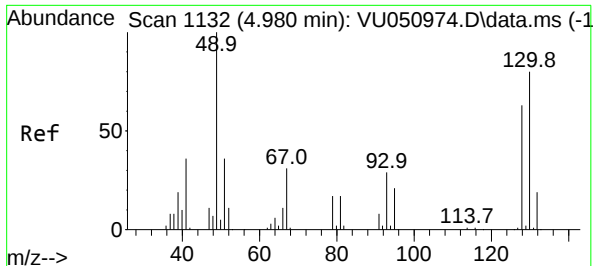
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#38
 1,2-Dichloropropane
 Concen: 10.493 ug/l
 RT: 6.787 min Scan# 1694
 Delta R.T. -0.003 min
 Lab File: VU053821.D
 Acq: 21 Apr 2023 12:01

Tgt Ion: 63 Resp: 121952
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.9 37.3





#39

Methacrylonitrile

Concen: 7.043 ug/l

RT: 4.970 min Scan# 1132

Delta R.T. -0.003 min

Lab File: VU053821.D

Acq: 21 Apr 2023 12:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 2968

Ion Ratio Lower Upper

41 100

67 94.9 66.8 100.2

39 53.0 41.2 61.8

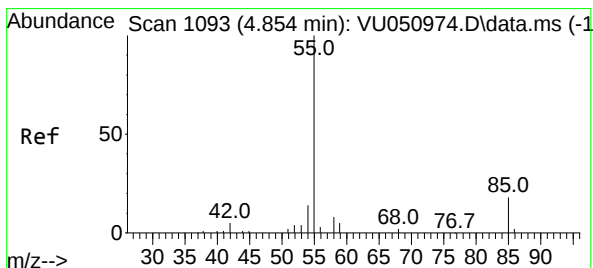
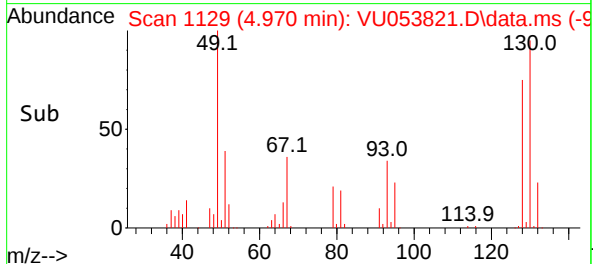
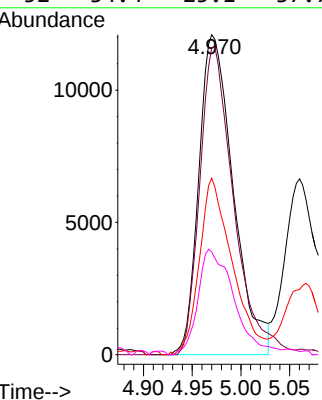
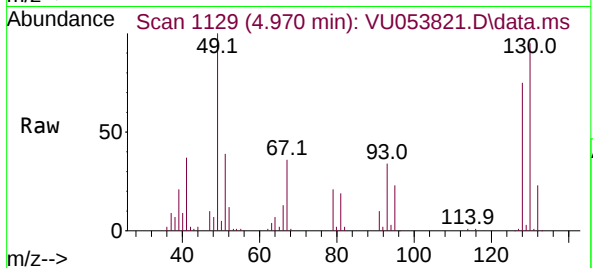
52 34.4 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#40

Methyl acrylate

Concen: 7.584 ug/l

RT: 4.845 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VU053821.D

Acq: 21 Apr 2023 12:01

Tgt Ion: 55 Resp: 52785

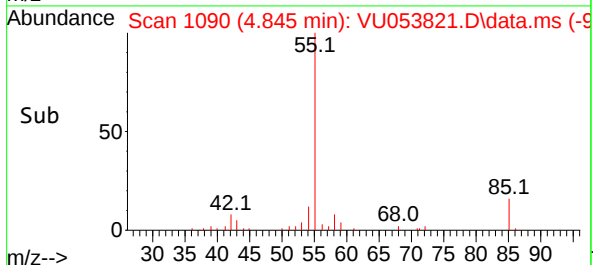
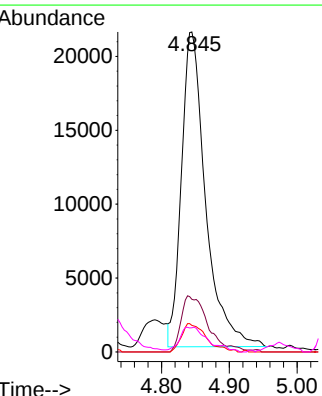
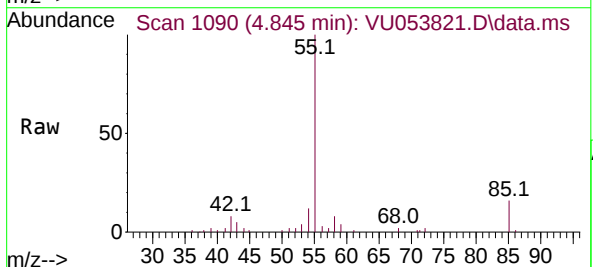
Ion Ratio Lower Upper

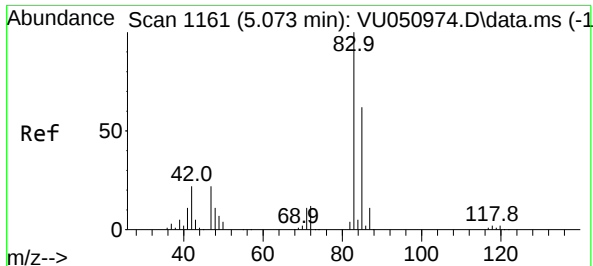
55 100

85 19.8 13.3 19.9

58 9.2 6.5 9.7

42 9.3 5.9 8.9#





#41

Tetrahydrofuran

Concen: 13.332 ug/l

RT: 5.060 min Scan# 1161

Delta R.T. -0.003 min

Lab File: VU053821.D

Acq: 21 Apr 2023 12:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 42 Resp: 27854

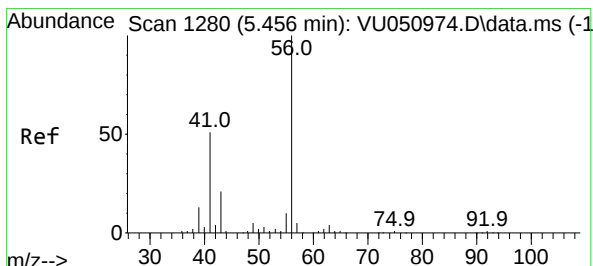
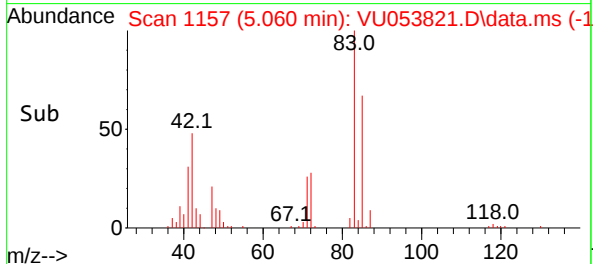
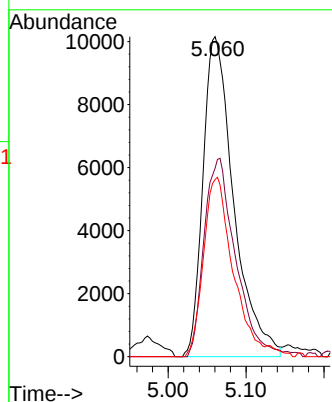
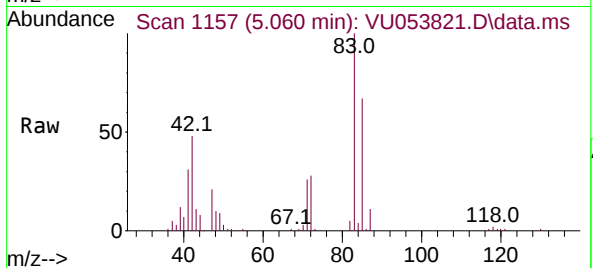
Ion	Ratio	Lower	Upper
42	100		
72	64.0	40.9	61.3
71	53.2	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#42

1-Chlorobutane

Concen: 9.862 ug/l

RT: 5.456 min Scan# 1280

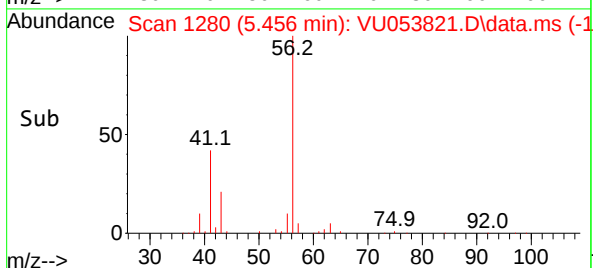
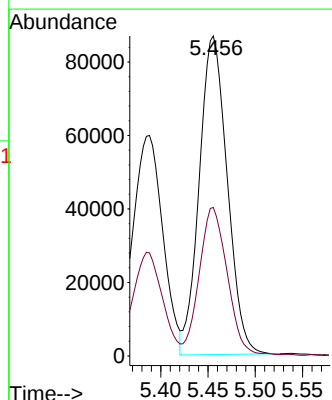
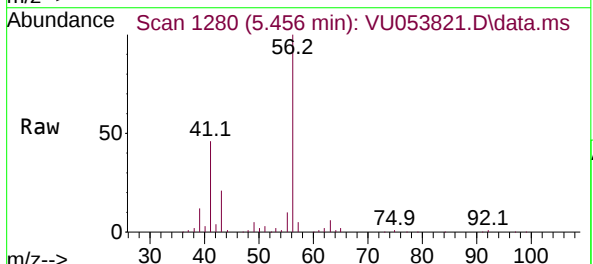
Delta R.T. 0.006 min

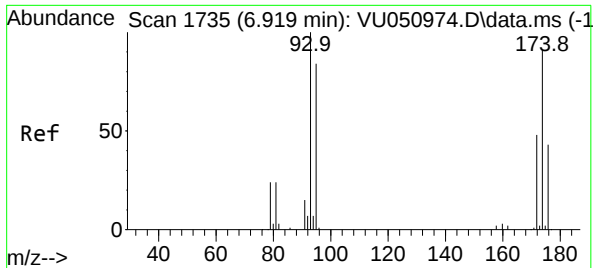
Lab File: VU053821.D

Acq: 21 Apr 2023 12:01

Tgt Ion: 56 Resp: 178447

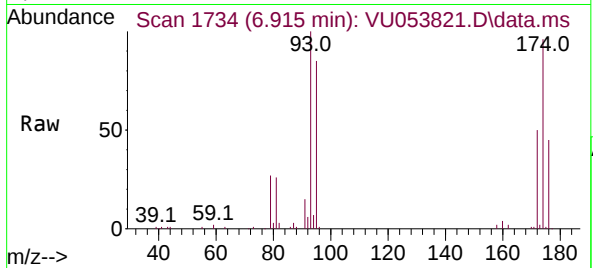
Ion	Ratio	Lower	Upper
56	100		
41	46.3	25.2	75.6





#43
Dibromomethane
Concen: 10.130 ug/l
RT: 6.915 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

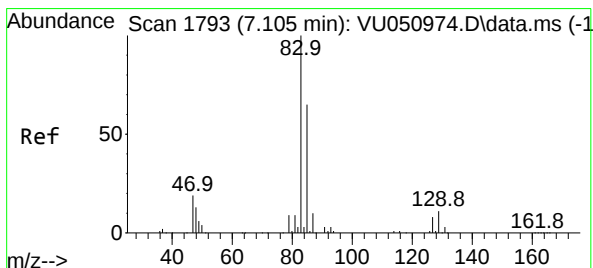
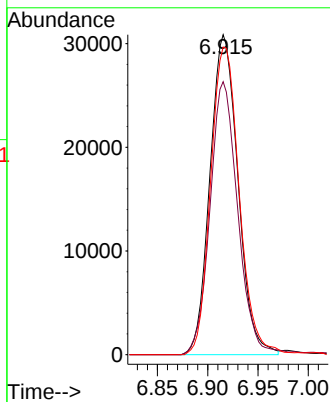
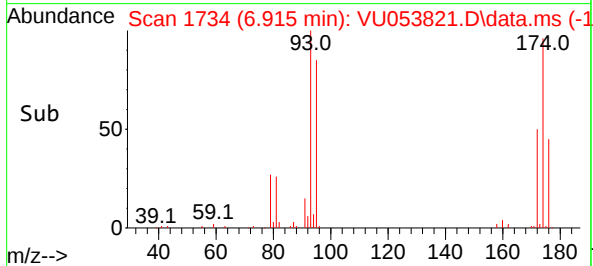
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



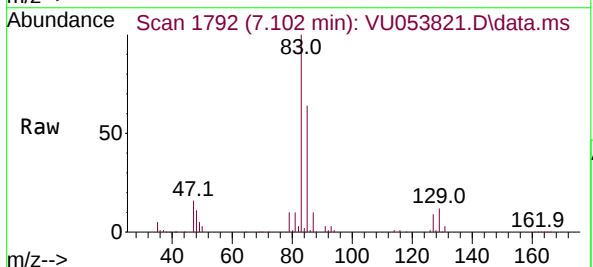
Tgt Ion: 93 Resp: 59712
Ion Ratio Lower Upper
93 100
95 84.8 67.0 100.6
174 98.4 73.8 110.6

Manual Integrations
APPROVED

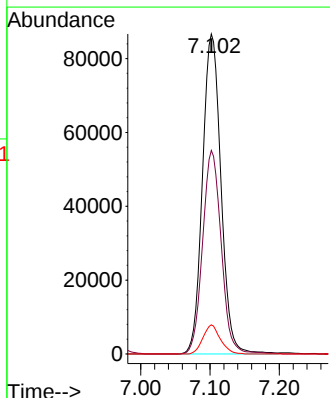
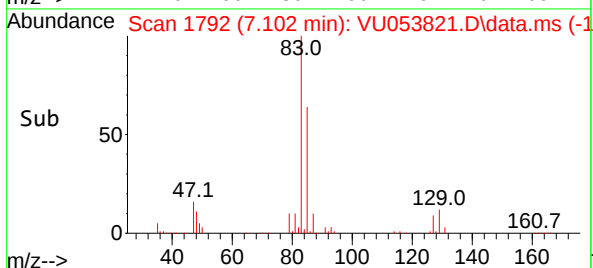
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

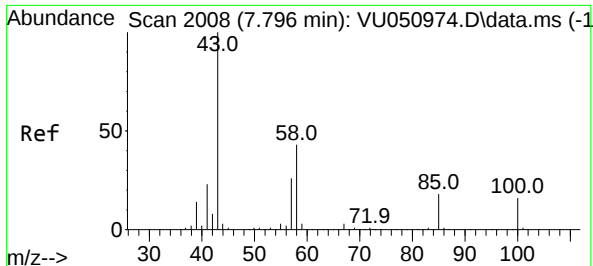


#44
Bromodichloromethane
Concen: 10.799 ug/l
RT: 7.102 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01



Tgt Ion: 83 Resp: 160459
Ion Ratio Lower Upper
83 100
85 63.6 51.9 77.9
127 9.1 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 51.859 ug/l

RT: 7.787 min Scan# 2005

Delta R.T. -0.010 min

Lab File: VU053821.D

Acq: 21 Apr 2023 12:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

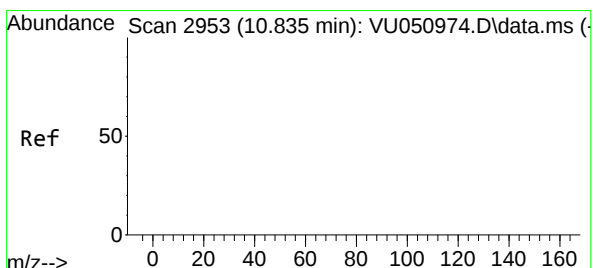
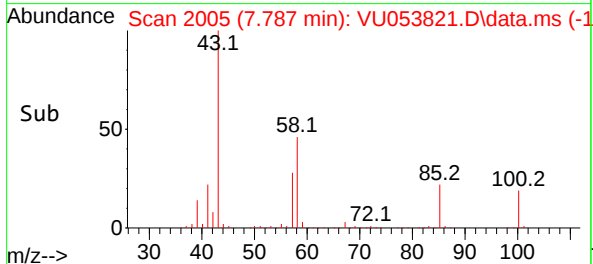
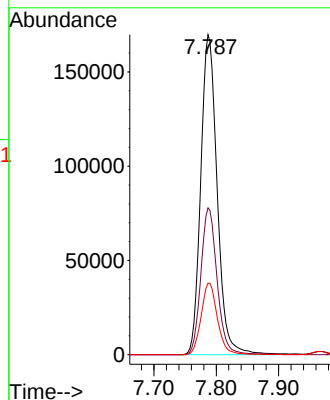
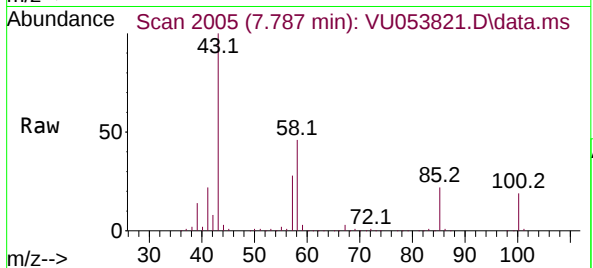
Tgt Ion: 43	Resp: 31091
Ion Ratio	Lower Upper
43	100
58	45.5 20.9 62.8
85	22.1 14.6 21.8

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: 22.738 ug/l m

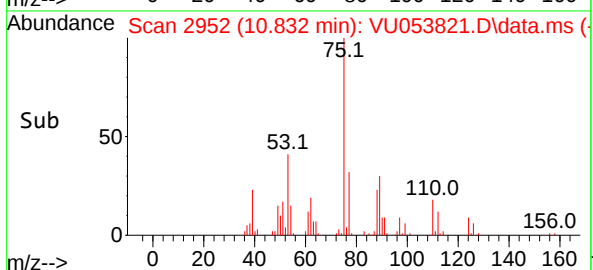
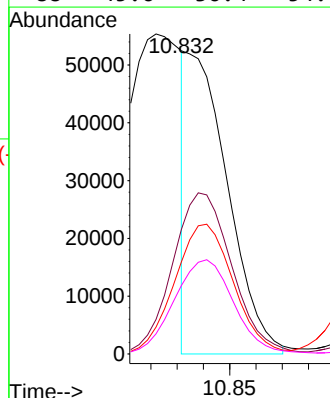
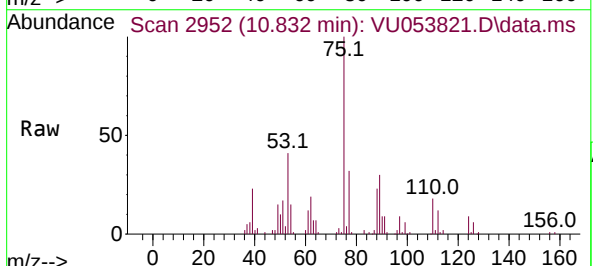
RT: 10.832 min Scan# 2952

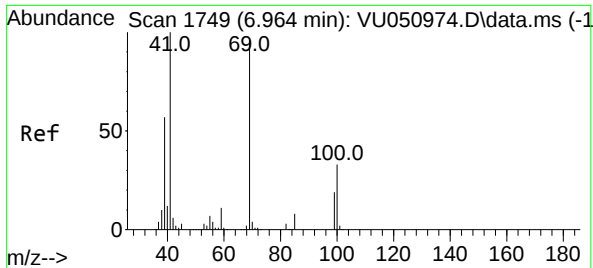
Delta R.T. -0.000 min

Lab File: VU053821.D

Acq: 21 Apr 2023 12:01

Tgt Ion: 75	Resp: 56601
Ion Ratio	Lower Upper
75	100
53	77.7 73.3 109.9
89	62.1 48.2 72.4
88	45.6 36.4 54.6





#47

Methyl methacrylate

Concen: 20.808 ug/l

RT: 6.957 min Scan# 1

Delta R.T. -0.007 min

Lab File: VU053821.D

Acq: 21 Apr 2023 12:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 10773

Ion Ratio Lower Upper

69 100

41 92.1 0.0 209.2

39 50.6 46.7 70.1

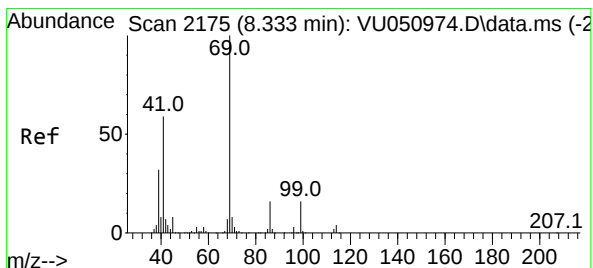
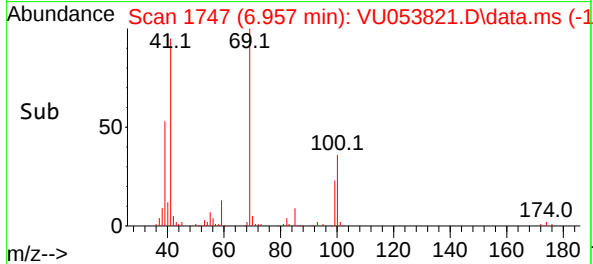
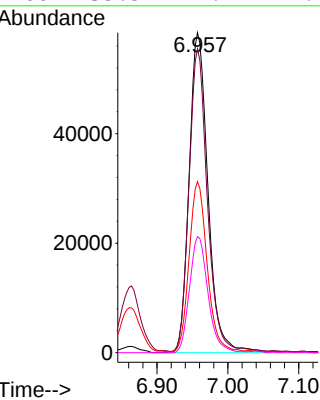
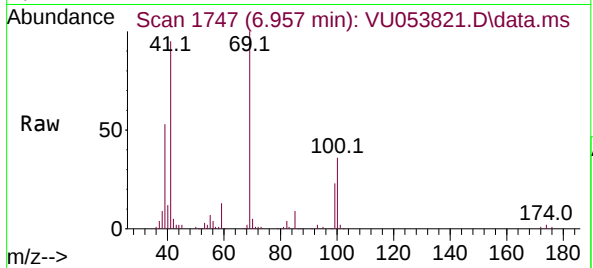
100 35.5 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#48

Ethyl methacrylate

Concen: 10.541 ug/l

RT: 8.330 min Scan# 2174

Delta R.T. -0.003 min

Lab File: VU053821.D

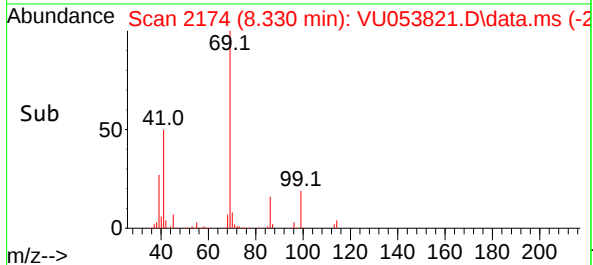
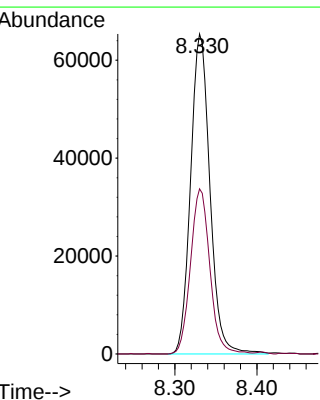
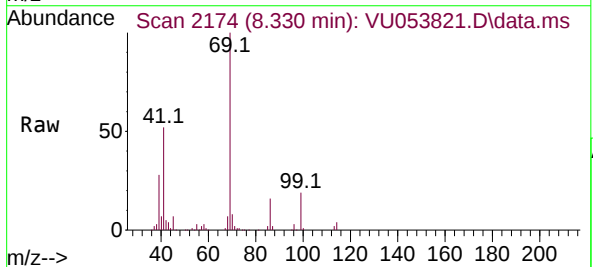
Acq: 21 Apr 2023 12:01

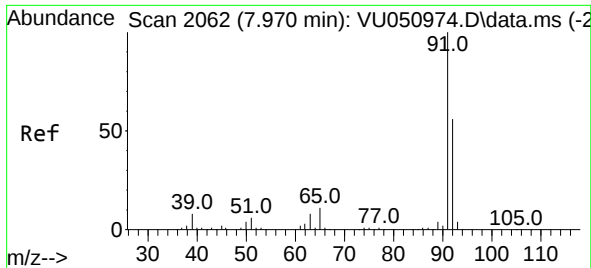
Tgt Ion: 69 Resp: 106977

Ion Ratio Lower Upper

69 100

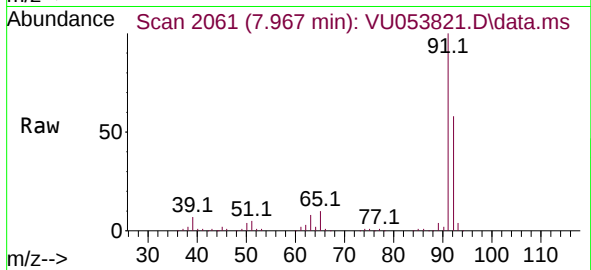
41 51.6 30.3 90.8





#49
Toluene
Concen: 10.965 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

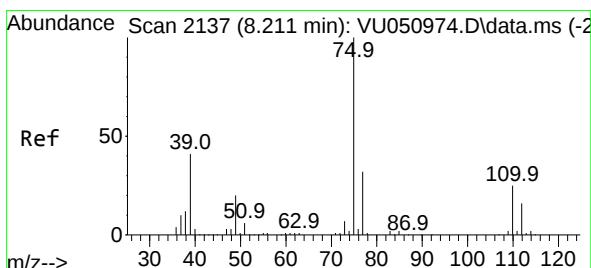
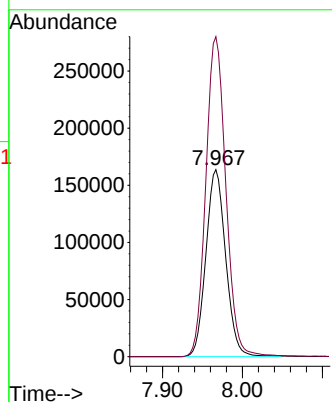
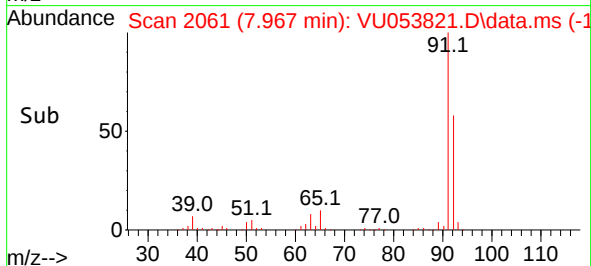
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 92 Resp: 282095
Ion Ratio Lower Upper
92 100
91 173.3 143.0 214.6

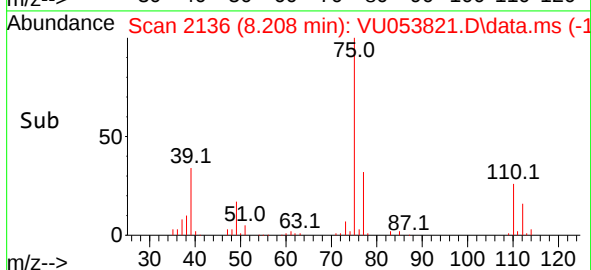
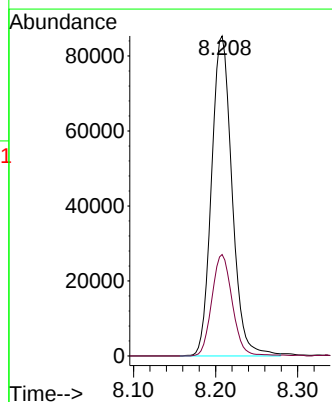
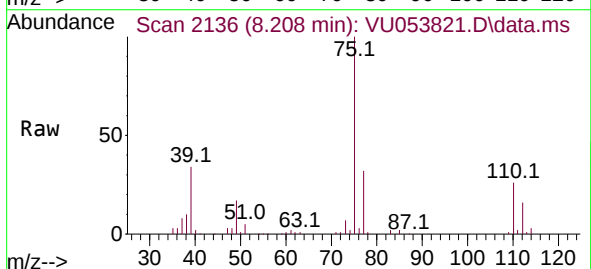
Manual Integrations
APPROVED

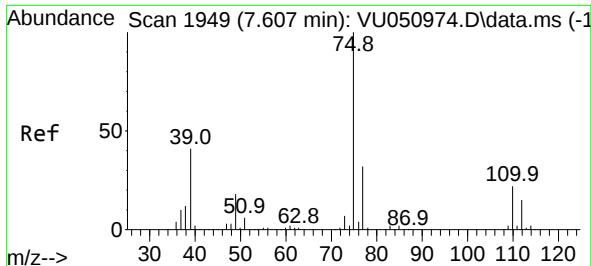
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#50
t-1,3-Dichloropropene
Concen: 11.110 ug/l
RT: 8.208 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

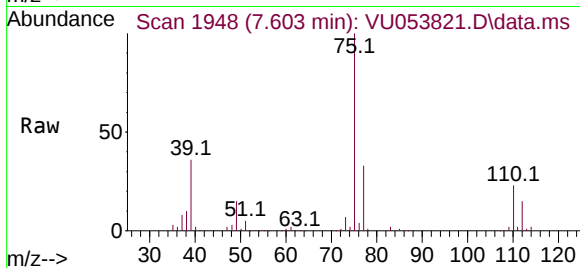
Tgt Ion: 75 Resp: 148316
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 11.132 ug/l
 RT: 7.603 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VU053821.D
 Acq: 21 Apr 2023 12:01

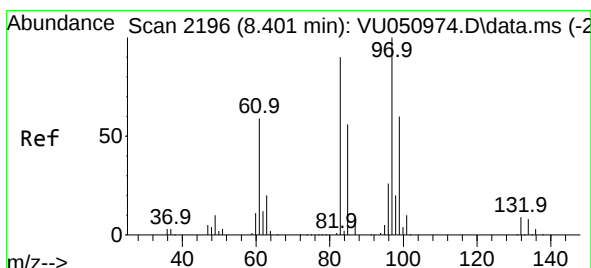
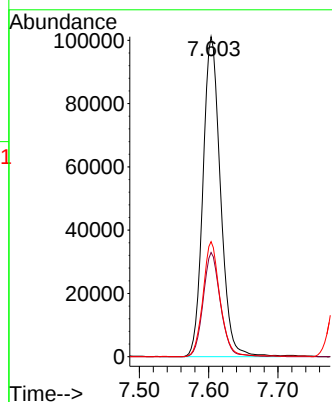
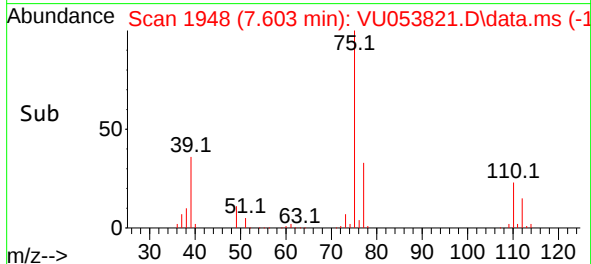
Instrument : MSVOA_U
 ClientSampleId : VSTDCCC010



Tgt Ion: 75 Resp: 177440
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.7 38.5
 39 36.0 32.8 49.2

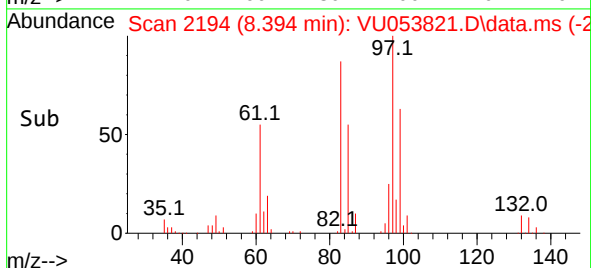
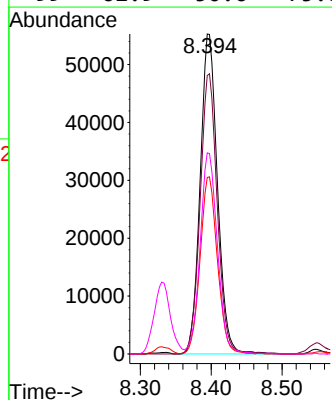
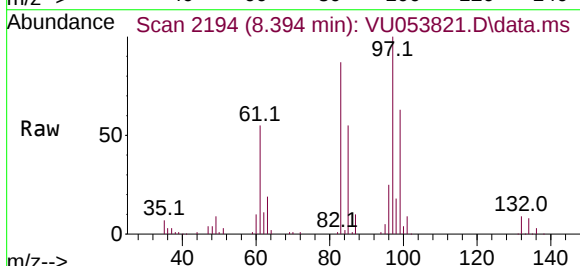
Manual Integrations
 APPROVED

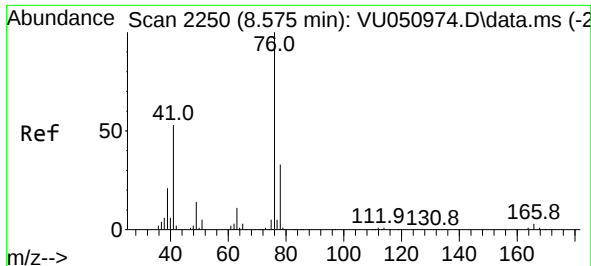
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#52
 1,1,2-Trichloroethane
 Concen: 10.014 ug/l
 RT: 8.394 min Scan# 2194
 Delta R.T. -0.003 min
 Lab File: VU053821.D
 Acq: 21 Apr 2023 12:01

Tgt Ion: 97 Resp: 93666
 Ion Ratio Lower Upper
 97 100
 83 87.0 71.8 107.8
 85 55.2 45.2 67.8
 99 62.9 50.6 75.8





#53

1,3-Dichloropropane

Concen: 10.471 ug/l

RT: 8.571 min Scan# 2249

Delta R.T. -0.000 min

Lab File: VU053821.D

Acq: 21 Apr 2023 12:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 76 Resp: 153339

Ion Ratio Lower Upper

76 100

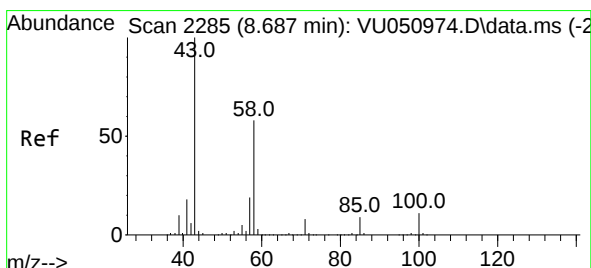
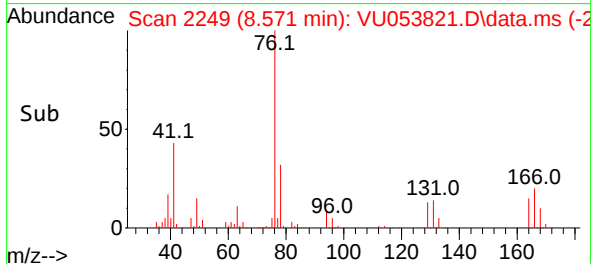
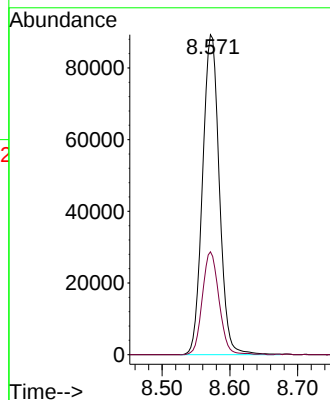
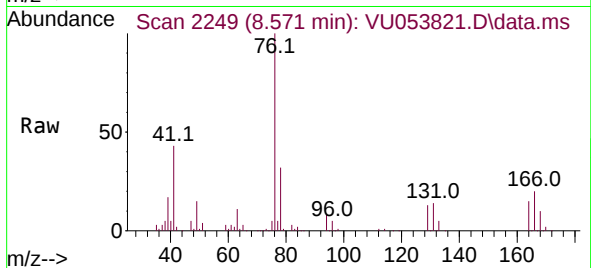
78 32.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#54

2-Hexanone

Concen: 58.580 ug/l

RT: 8.681 min Scan# 2283

Delta R.T. -0.007 min

Lab File: VU053821.D

Acq: 21 Apr 2023 12:01

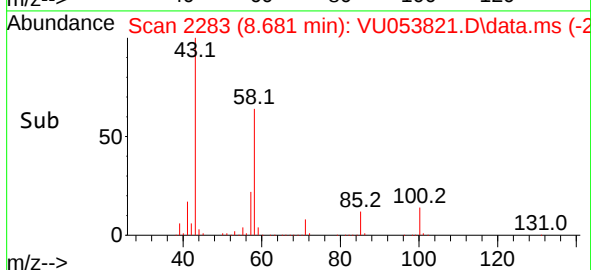
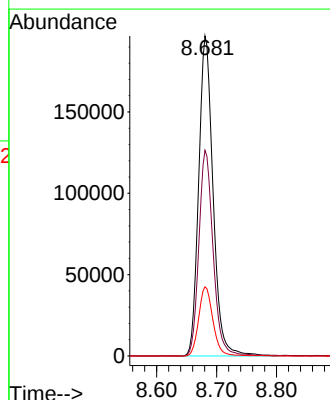
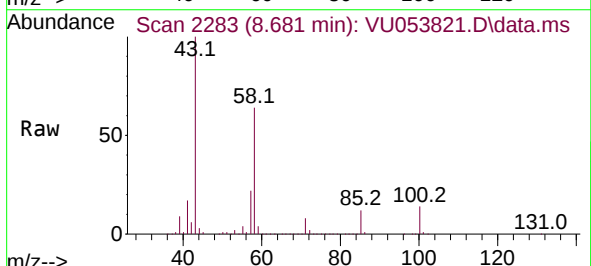
Tgt Ion: 43 Resp: 329360

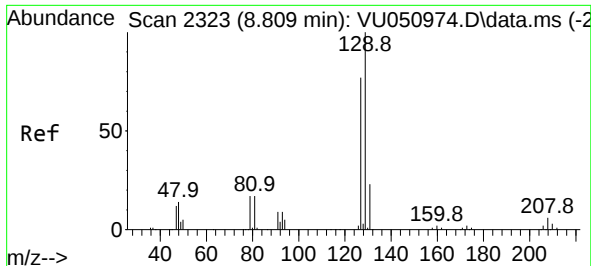
Ion Ratio Lower Upper

43 100

58 63.7 38.2 78.2

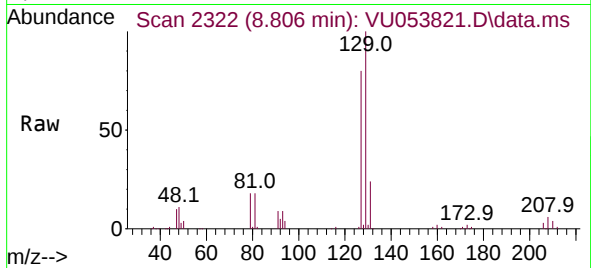
57 21.4 0.0 39.1





#55
Dibromochloromethane
Concen: 10.932 ug/l
RT: 8.806 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

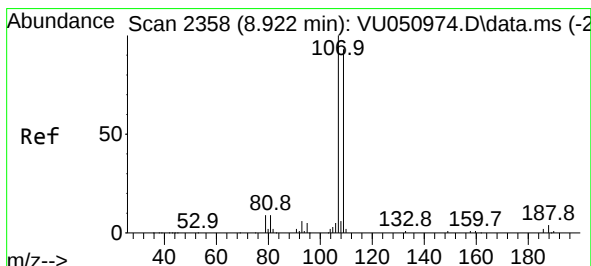
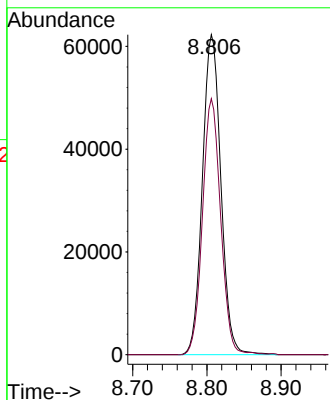
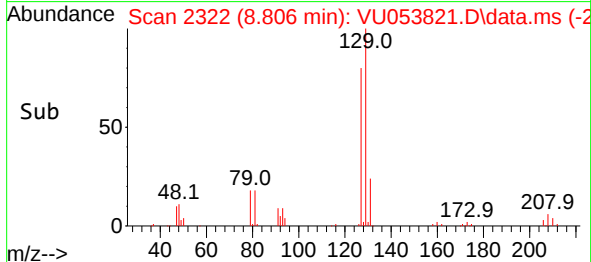
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:129 Resp: 107530
Ion Ratio Lower Upper
129 100
127 78.6 61.4 92.0

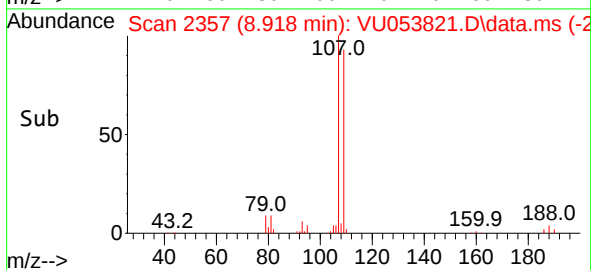
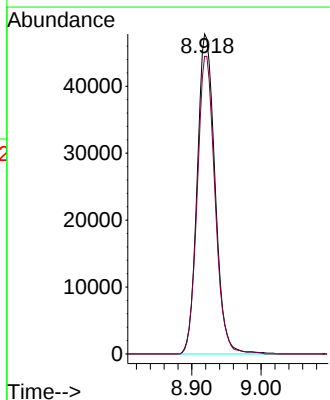
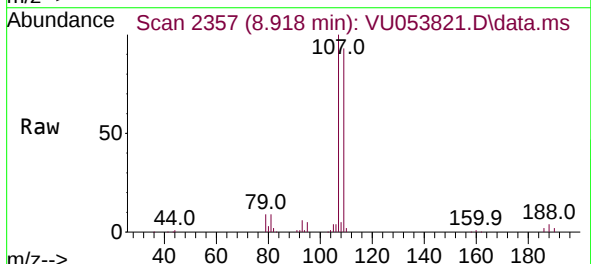
Manual Integrations
APPROVED

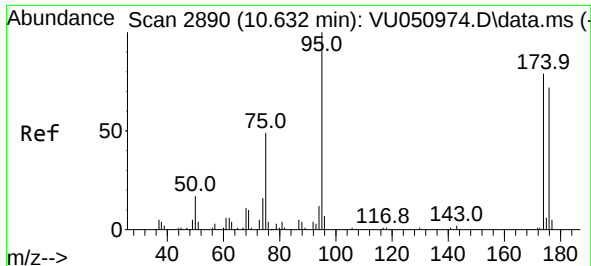
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#56
1,2-Dibromoethane
Concen: 10.569 ug/l
RT: 8.918 min Scan# 2357
Delta R.T. -0.003 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

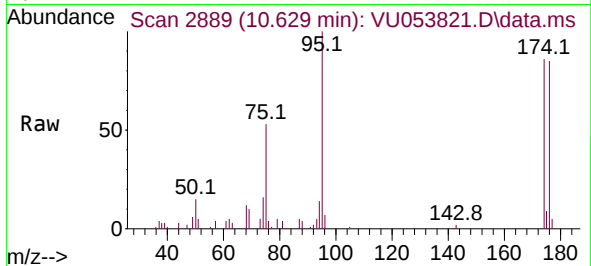
Tgt Ion:107 Resp: 85256
Ion Ratio Lower Upper
107 100
109 92.6 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.975 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.003 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

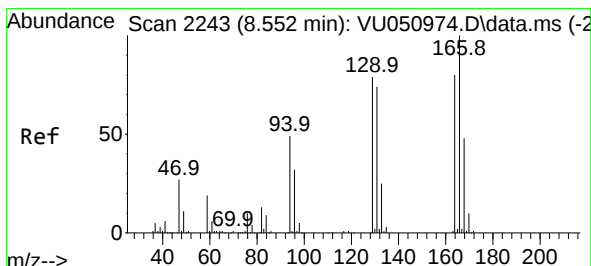
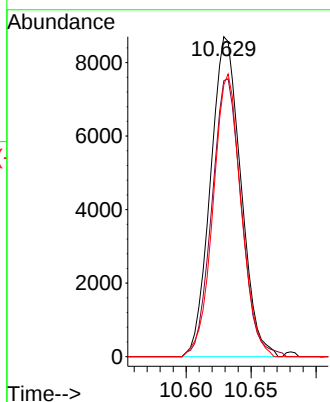
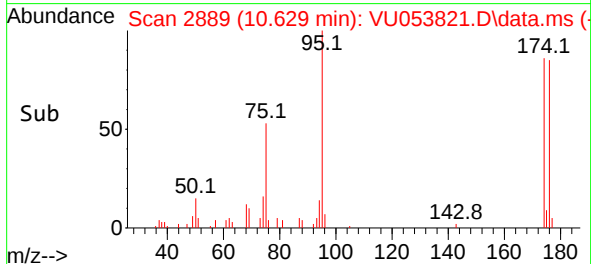
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion: 95 Resp: 14118
Ion Ratio Lower Upper
95 100
174 84.3 63.3 94.9
176 81.7 59.3 88.9

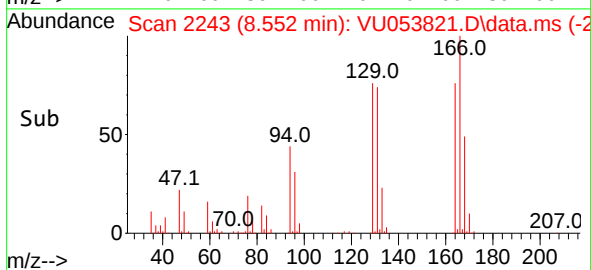
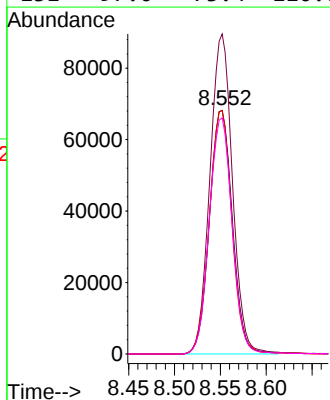
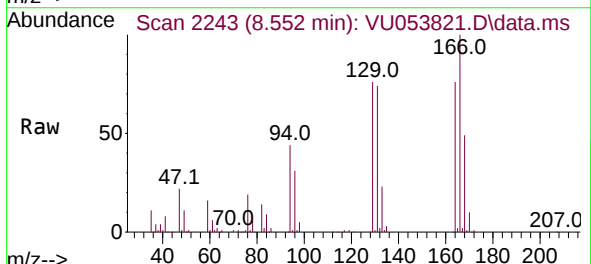
Manual Integrations
APPROVED

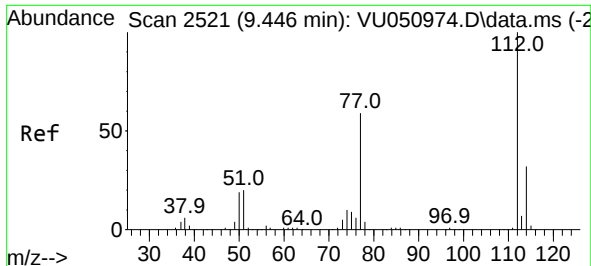
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#58
Tetrachloroethene
Concen: 10.579 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

Tgt Ion:164 Resp: 118601
Ion Ratio Lower Upper
164 100
166 131.4 99.6 149.4
129 100.0 78.6 117.8
131 97.0 73.4 110.0





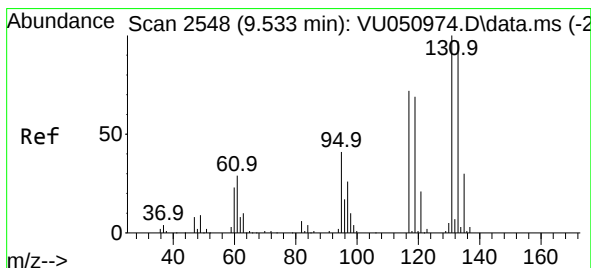
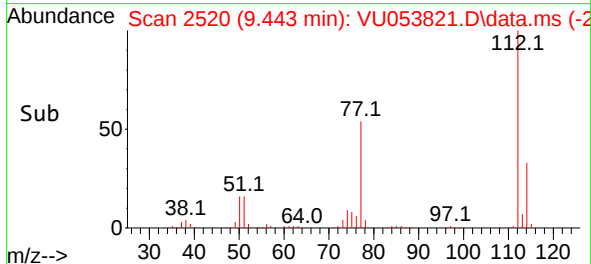
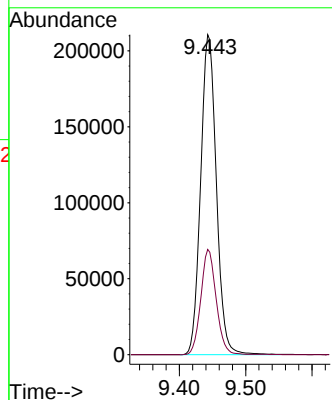
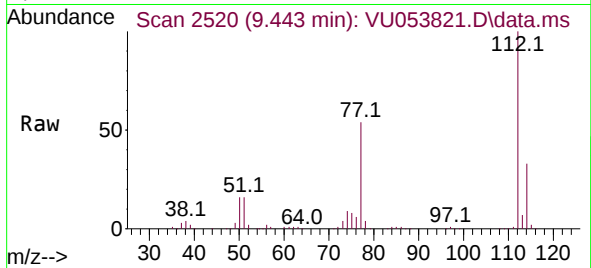
#59
Chlorobenzene
Concen: 10.845 ug/l
RT: 9.443 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 347174
Ion Ratio Lower Upper
112 100
114 32.9 25.6 38.4

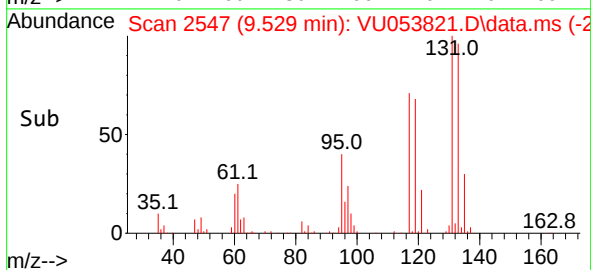
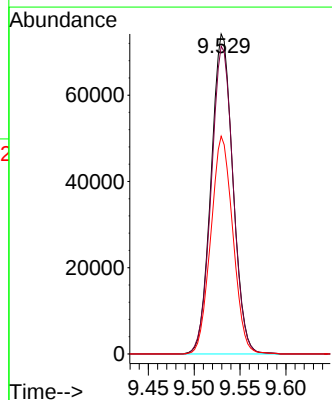
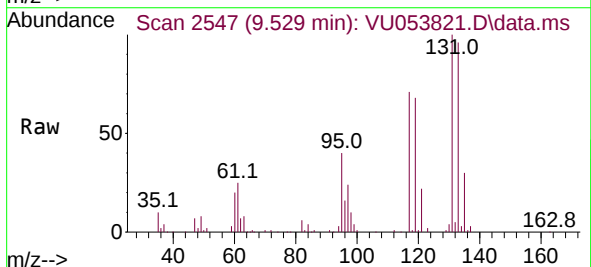
Manual Integrations
APPROVED

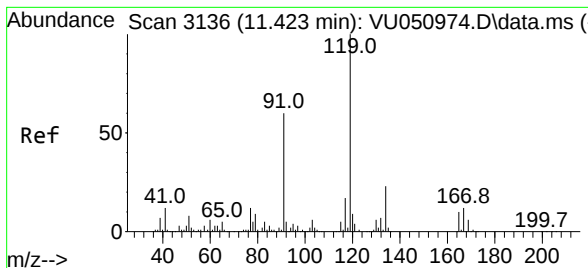
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 10.643 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

Tgt Ion:131 Resp: 122852
Ion Ratio Lower Upper
131 100
133 96.8 77.8 116.6
119 68.8 55.2 82.8





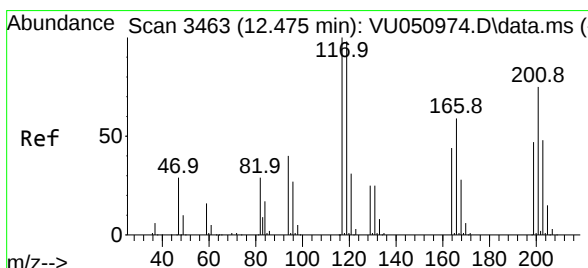
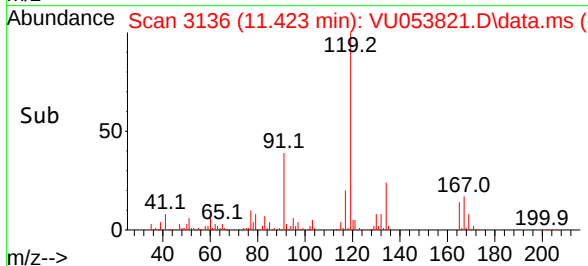
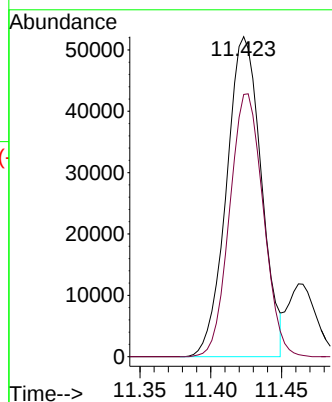
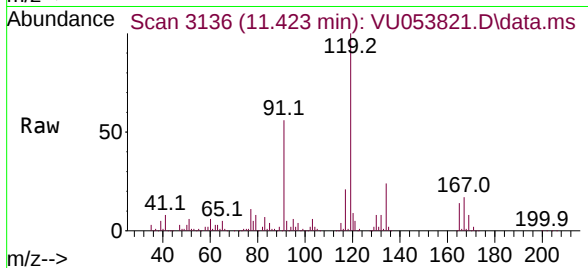
#61
Pentachloroethane
Concen: 10.037 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 89350
Ion Ratio Lower Upper
117 100
167 79.1 56.7 85.1

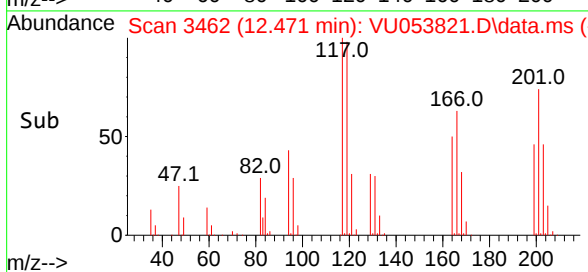
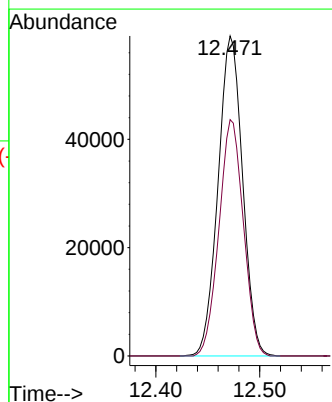
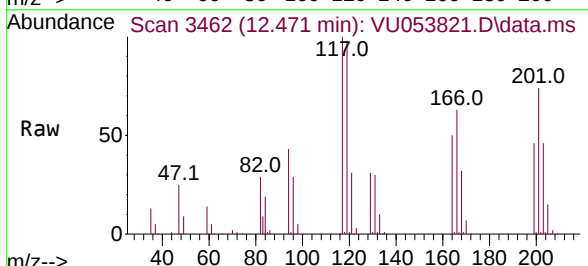
Manual Integrations
APPROVED

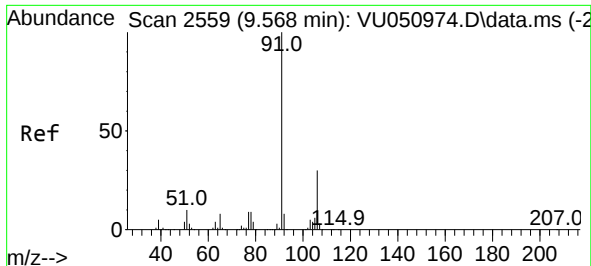
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#62
Hexachloroethane
Concen: 11.149 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

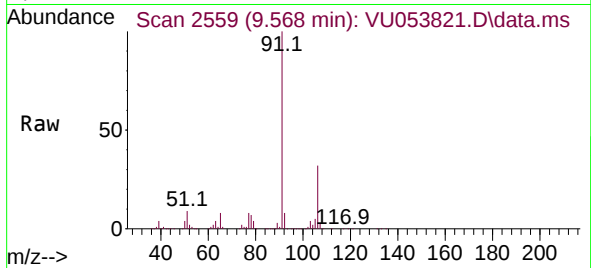
Tgt Ion:117 Resp: 96871
Ion Ratio Lower Upper
117 100
201 73.4 59.6 89.4





#63
Ethyl Benzene
Concen: 11.354 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

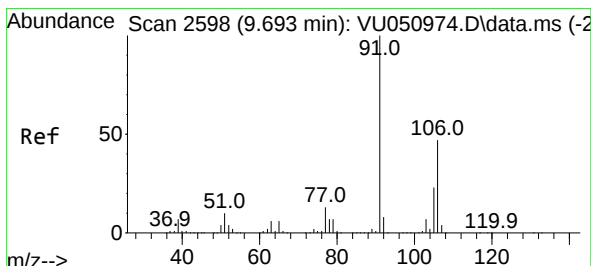
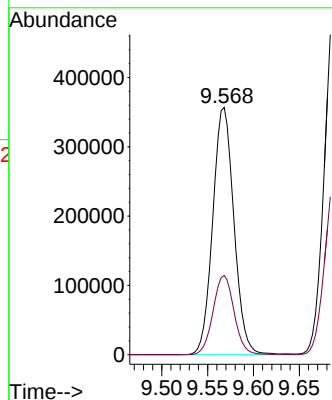
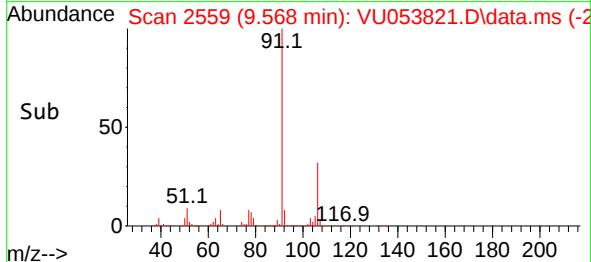
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



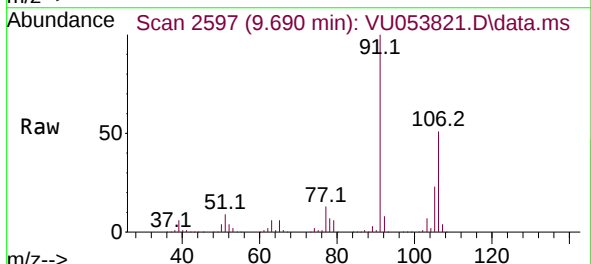
Tgt Ion: 91 Resp: 573879
Ion Ratio Lower Upper
91 100
106 32.0 24.2 36.2

Manual Integrations
APPROVED

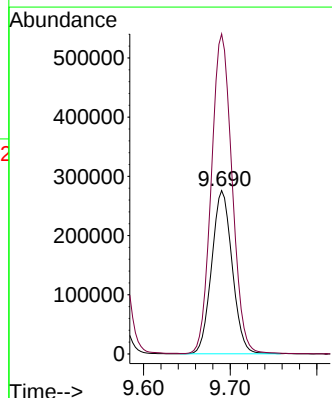
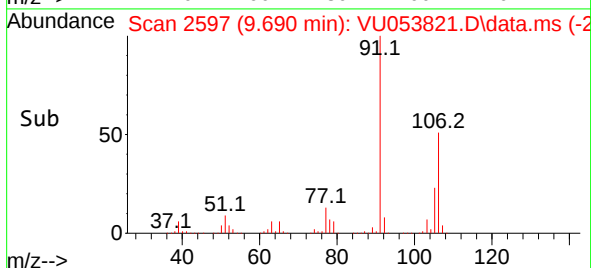
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

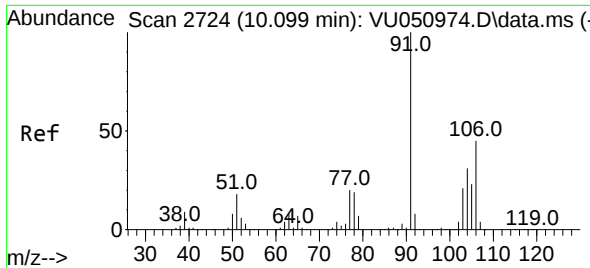


#64
m/p-Xylenes
Concen: 22.765 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01



Tgt Ion:106 Resp: 453337
Ion Ratio Lower Upper
106 100
91 198.9 167.3 250.9





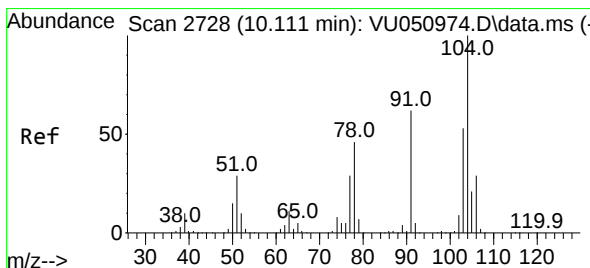
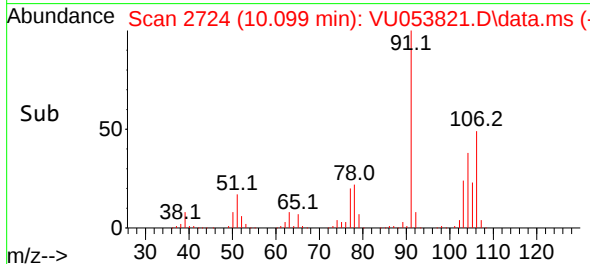
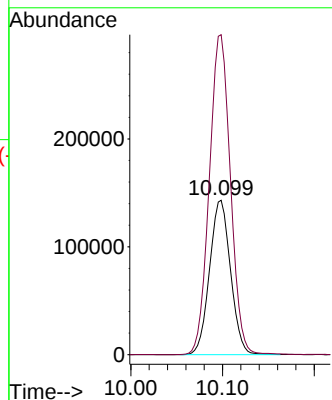
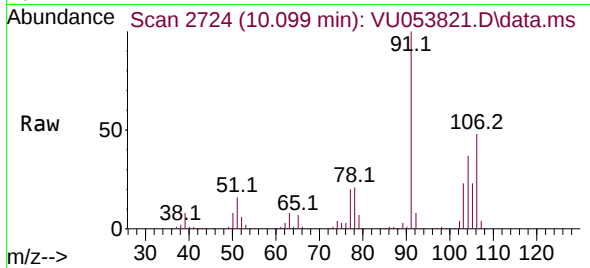
#65
o-Xylene
Concen: 11.325 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:106 Resp: 227390
Ion Ratio Lower Upper
106 100
91 209.1 109.3 327.9

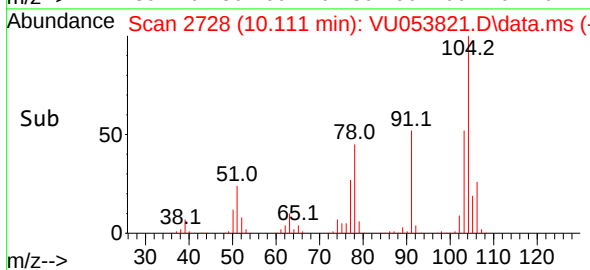
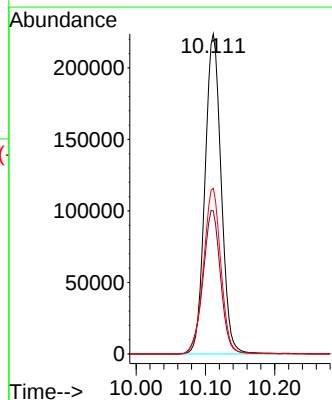
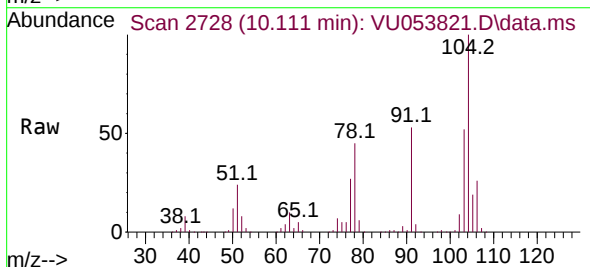
Manual Integrations
APPROVED

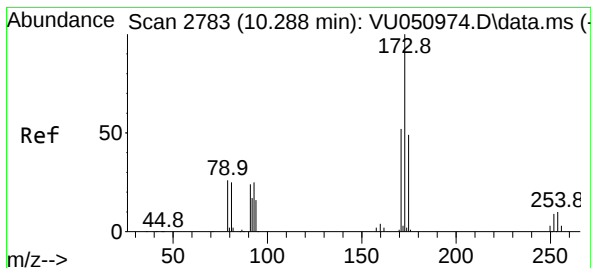
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#66
Styrene
Concen: 11.372 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

Tgt Ion:104 Resp: 363074
Ion Ratio Lower Upper
104 100
78 48.8 39.7 59.5
103 55.4 44.8 67.2





#67

Bromoform

Concen: 11.008 ug/l

RT: 10.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053821.D

Acq: 21 Apr 2023 12:01

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

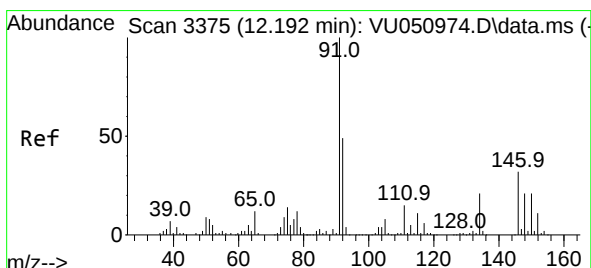
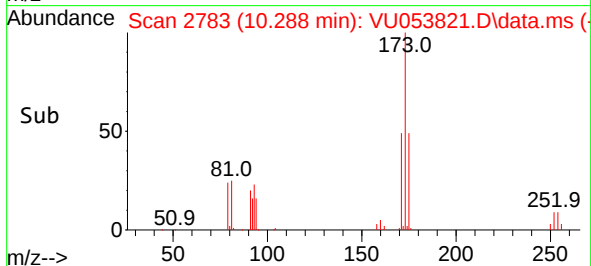
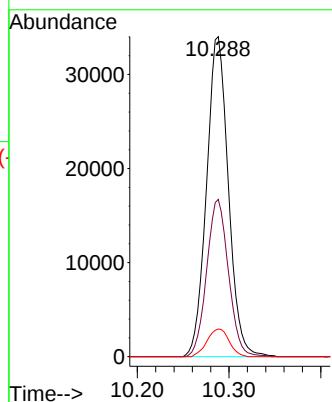
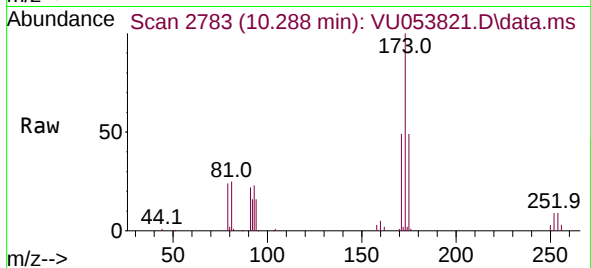
Tgt Ion:173	Resp:	5626
Ion Ratio	Lower	Upper
173	100	
175	49.0	39.0 58.6
254	8.8	7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#68

1,2-Dichlorobenzene-d4

Concen: 0.948 ug/l

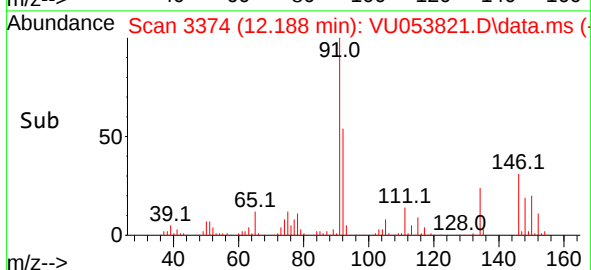
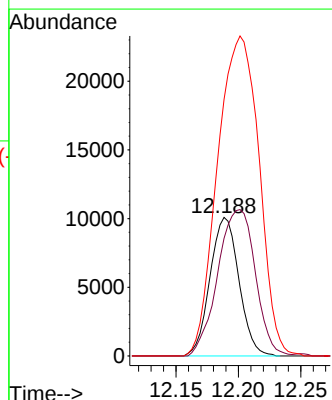
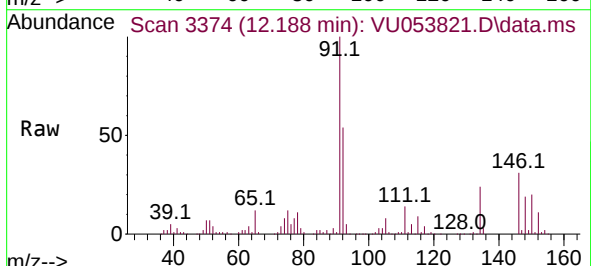
RT: 12.188 min Scan# 3374

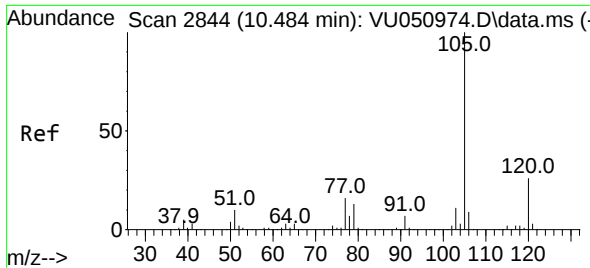
Delta R.T. -0.000 min

Lab File: VU053821.D

Acq: 21 Apr 2023 12:01

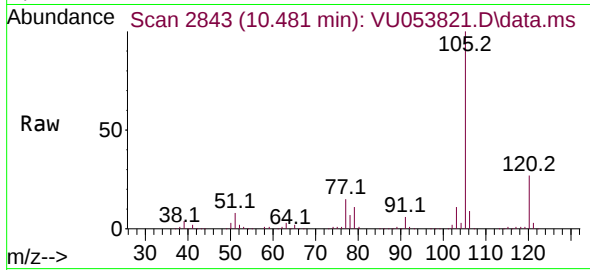
Tgt Ion:152	Resp:	16312
Ion Ratio	Lower	Upper
152	100	
115	137.0	0.0 308.8
150	331.3	0.0 635.0





#69
Isopropylbenzene
Concen: 11.443 ug/l
RT: 10.481 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

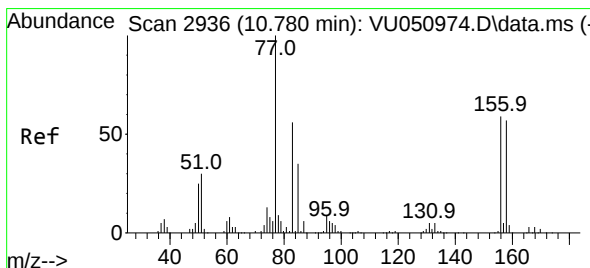
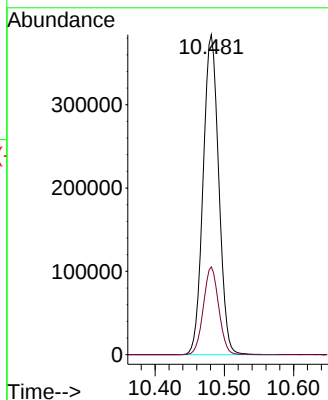
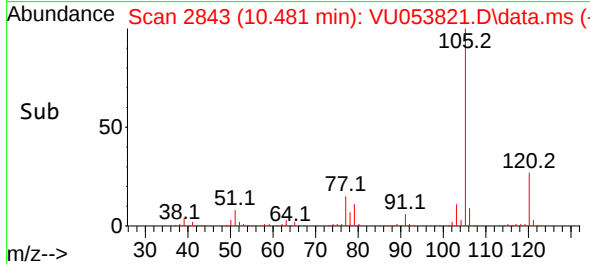
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



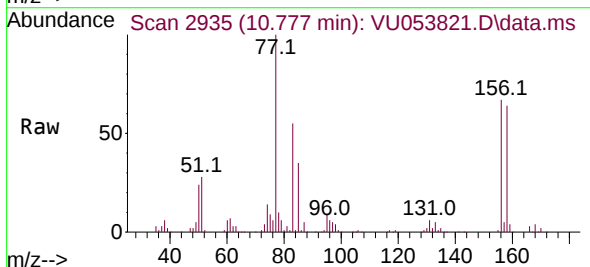
Tgt Ion:105 Resp: 60049
Ion Ratio Lower Upper
105 100
120 27.0 12.8 38.4

Manual Integrations
APPROVED

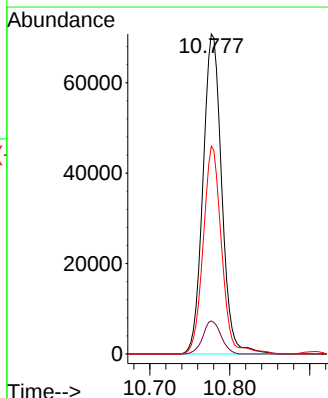
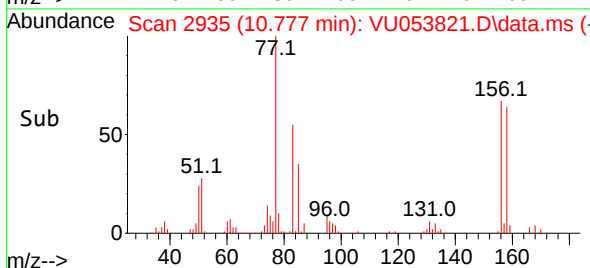
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

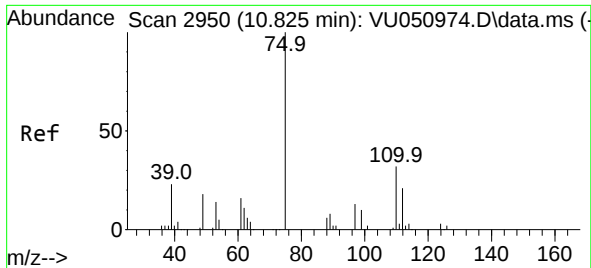


#70
1,1,2,2-Tetrachloroethane
Concen: 9.582 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01



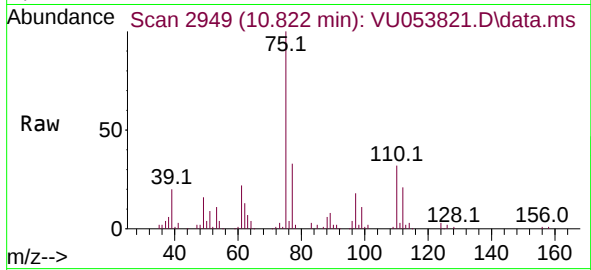
Tgt Ion: 83 Resp: 115400
Ion Ratio Lower Upper
83 100
131 10.0 7.2 10.8
85 63.9 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 7.840 ug/l m
RT: 10.822 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

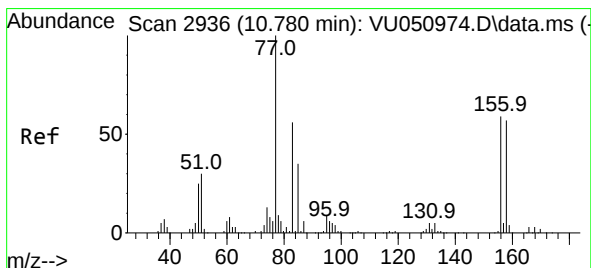
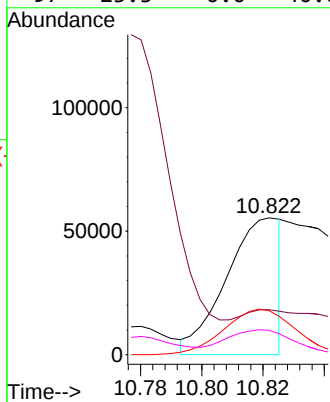
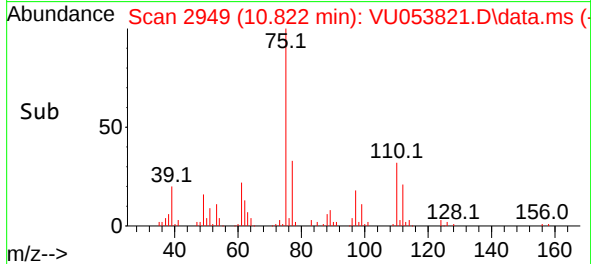
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



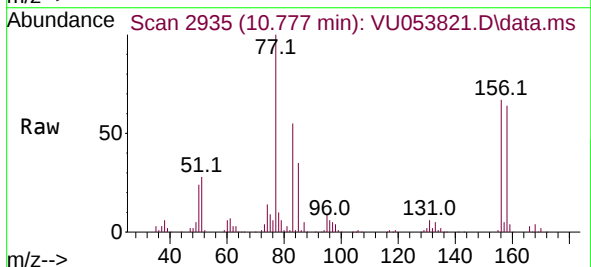
Tgt Ion: 75 Resp: 68139
Ion Ratio Lower Upper
75 100
77 60.9 0.0 116.4
110 44.0 0.0 74.6
97 23.3 0.0 40.0

Manual Integrations
APPROVED

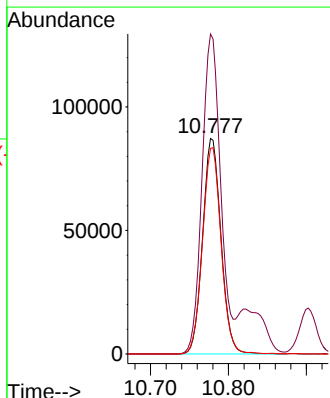
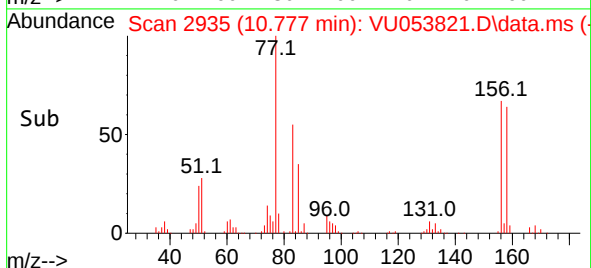
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

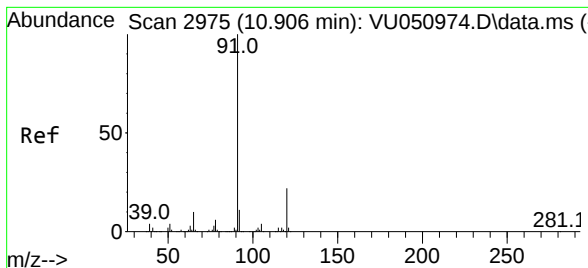


#72
Bromobenzene
Concen: 10.597 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01



Tgt Ion:156 Resp: 142654
Ion Ratio Lower Upper
156 100
77 149.7 0.0 343.0
158 96.9 0.0 194.8





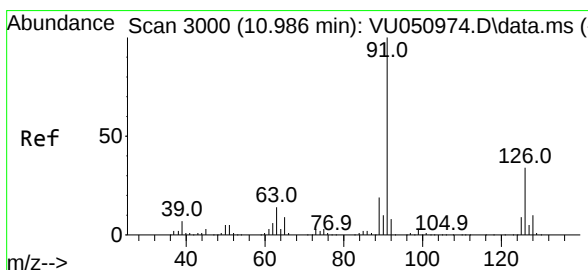
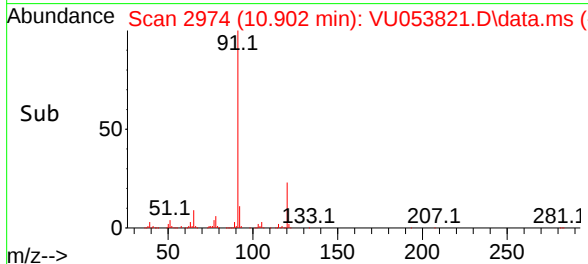
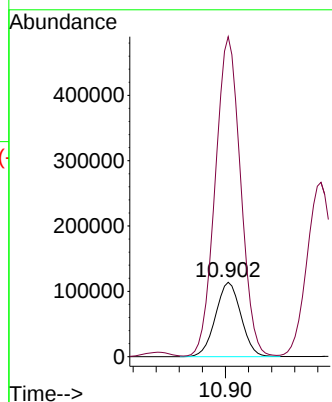
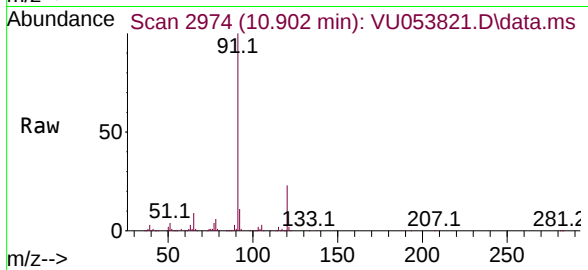
#73
n-propylbenzene
Concen: 11.962 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:120 Resp: 174145
Ion Ratio Lower Upper
120 100
91 426.5 369.8 554.6

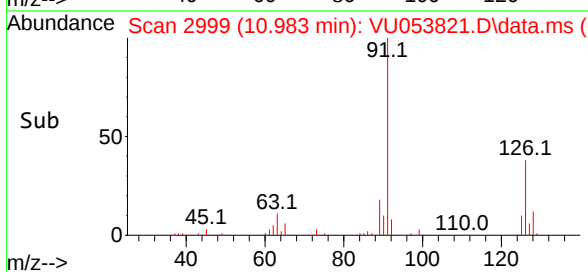
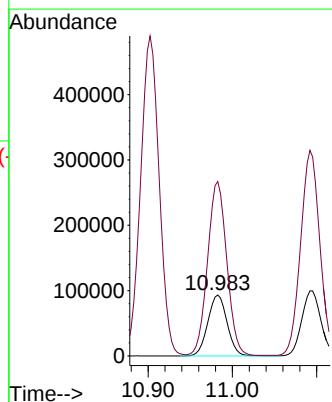
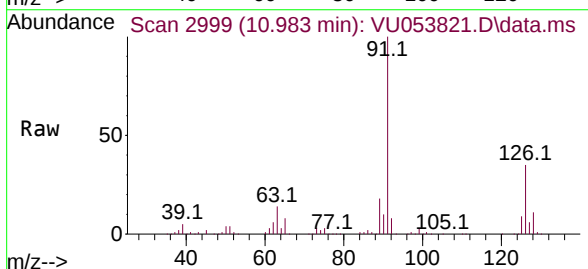
Manual Integrations
APPROVED

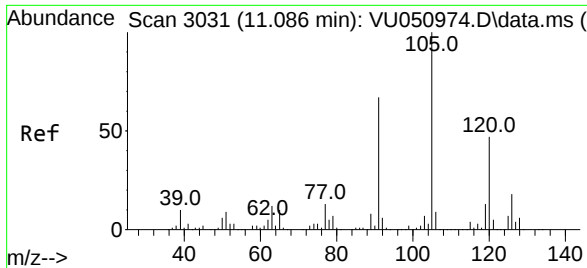
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#74
2-Chlorotoluene
Concen: 10.786 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

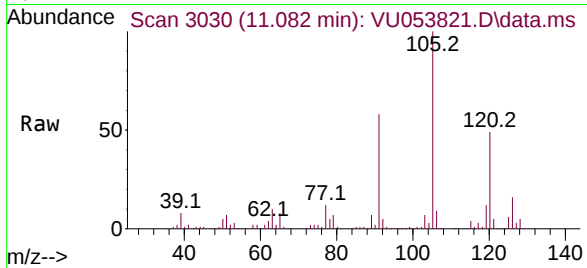
Tgt Ion:126 Resp: 148436
Ion Ratio Lower Upper
126 100
91 283.7 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 11.335 ug/l
RT: 11.082 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

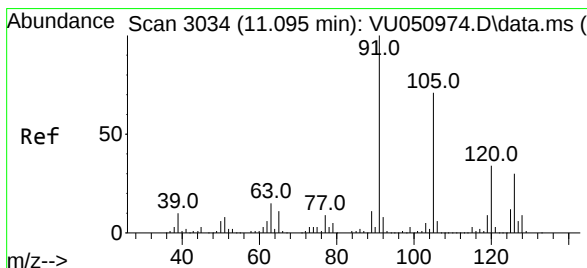
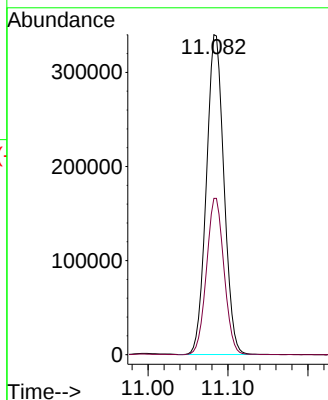
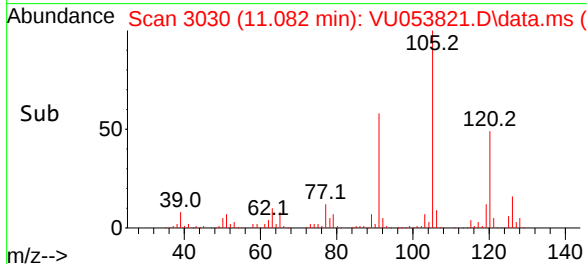
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



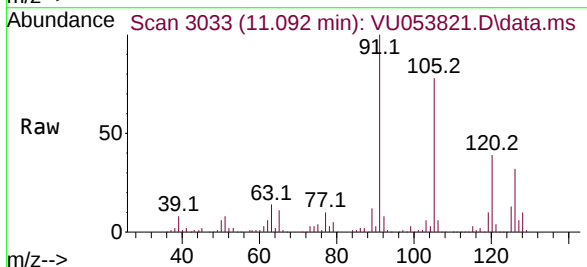
Tgt Ion:105 Resp: 518915
Ion Ratio Lower Upper
105 100
120 48.9 37.8 56.8

Manual Integrations
APPROVED

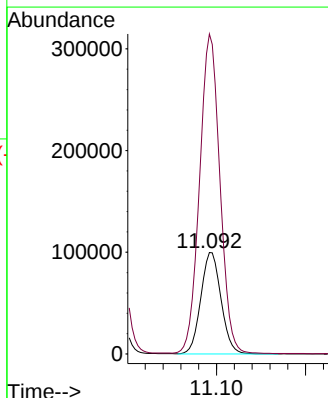
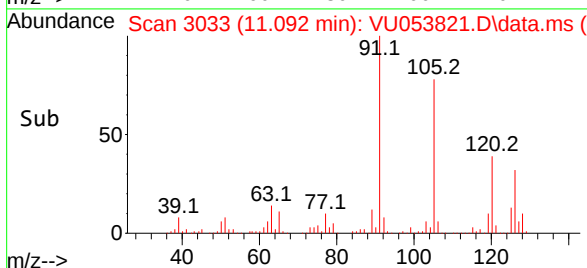
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

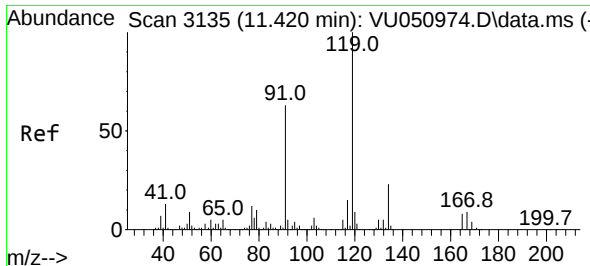


#76
4-Chlorotoluene
Concen: 11.225 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01



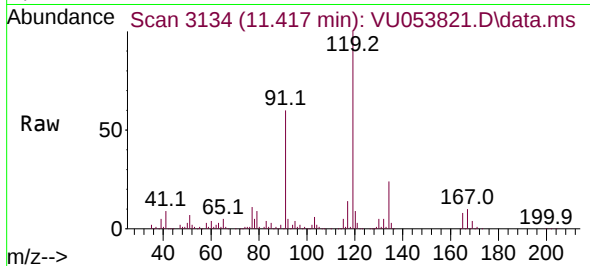
Tgt Ion:126 Resp: 157464
Ion Ratio Lower Upper
126 100
91 316.4 0.0 686.2





#77
tert-Butylbenzene
Concen: 11.044 ug/l
RT: 11.417 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

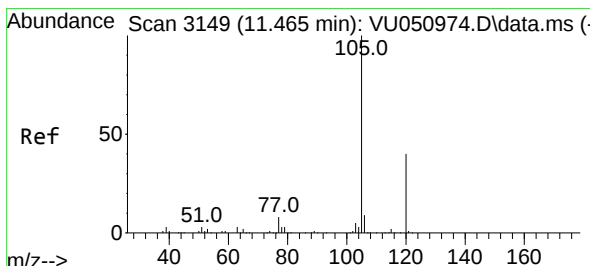
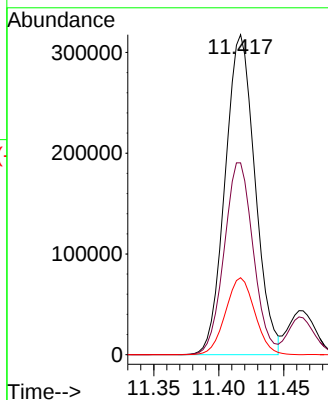
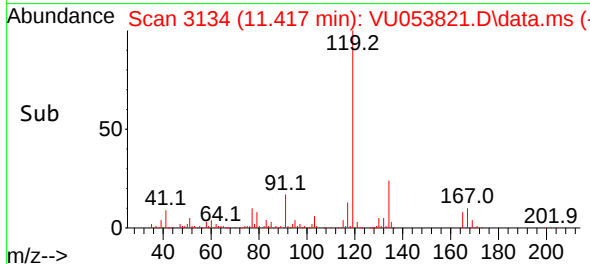
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:119 Resp: 508754
Ion Ratio Lower Upper
119 100
91 58.6 30.8 92.4
134 23.6 18.0 27.0

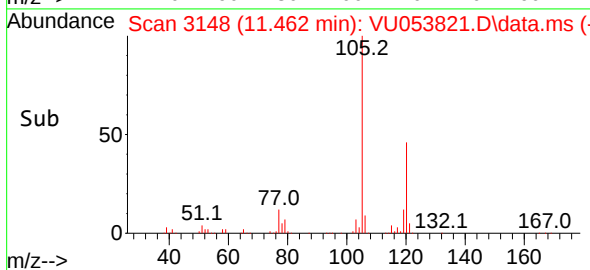
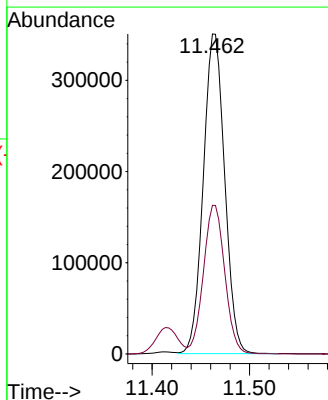
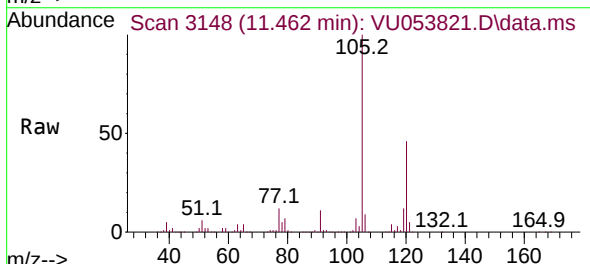
Manual Integrations
APPROVED

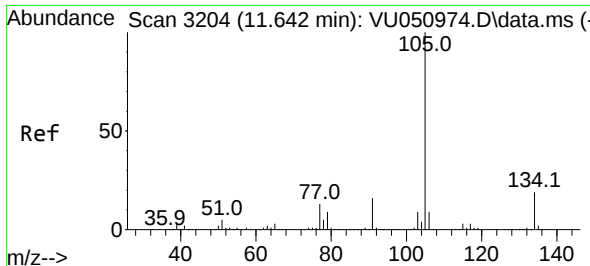
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#78
1,2,4-Trimethylbenzene
Concen: 11.431 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. -0.003 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

Tgt Ion:105 Resp: 534027
Ion Ratio Lower Upper
105 100
120 46.5 21.9 65.8





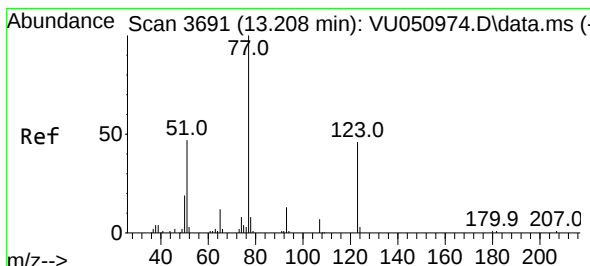
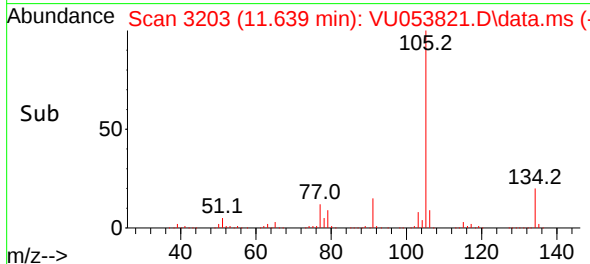
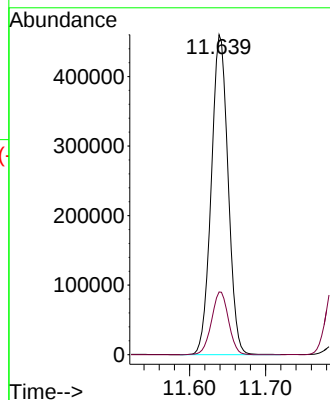
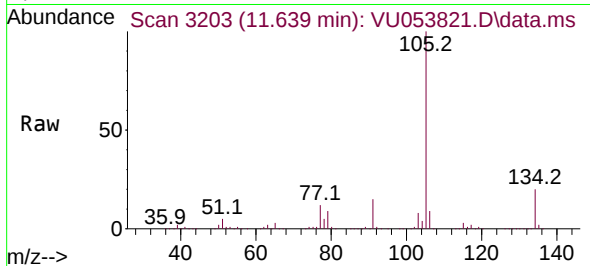
#79
 sec-Butylbenzene
 Concen: 11.381 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053821.D
 Acq: 21 Apr 2023 12:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:105 Resp: 70471
 Ion Ratio Lower Upper
 105 100
 134 19.9 14.9 22.3

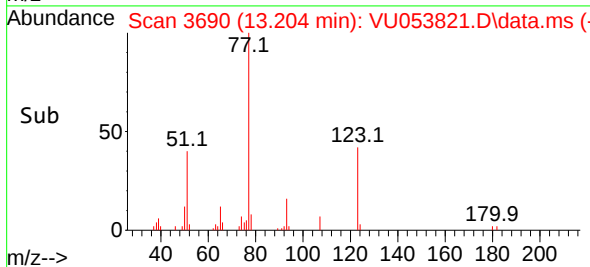
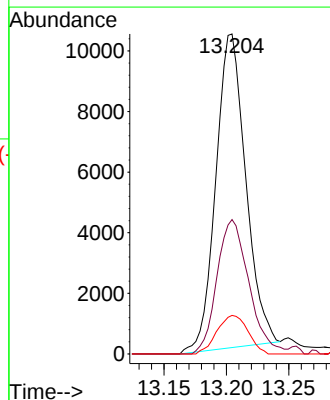
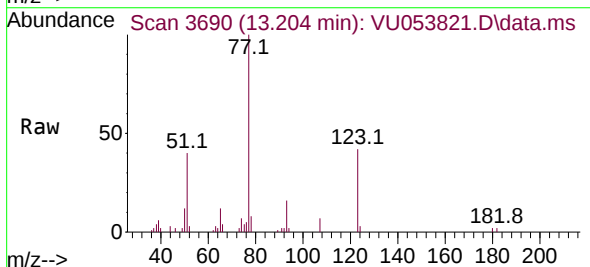
Manual Integrations
 APPROVED

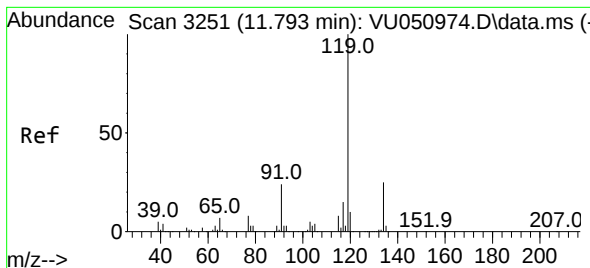
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#80
 Nitrobenzene
 Concen: 45.402 ug/l
 RT: 13.204 min Scan# 3690
 Delta R.T. 0.003 min
 Lab File: VU053821.D
 Acq: 21 Apr 2023 12:01

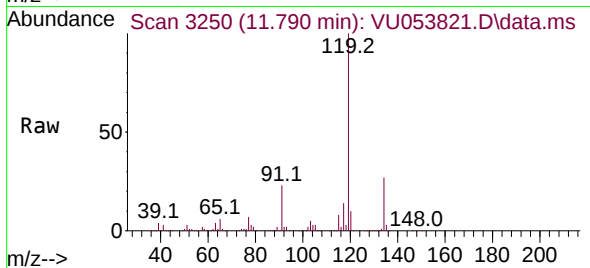
Tgt Ion: 77 Resp: 17320
 Ion Ratio Lower Upper
 77 100
 123 43.7 19.7 69.7
 65 12.7 11.5 14.7





#81
p-Isopropyltoluene
Concen: 11.616 ug/l
RT: 11.790 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

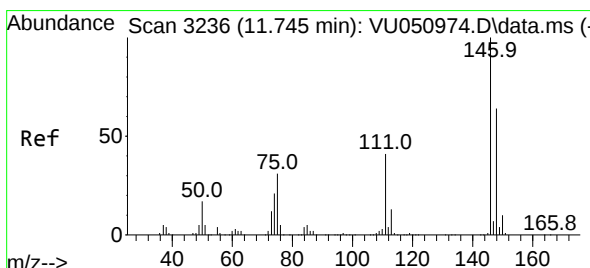
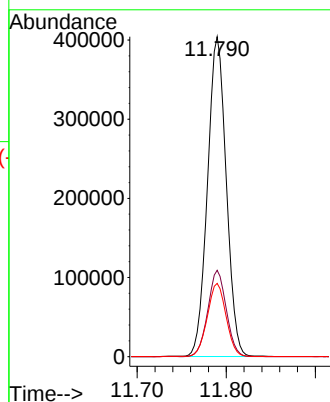
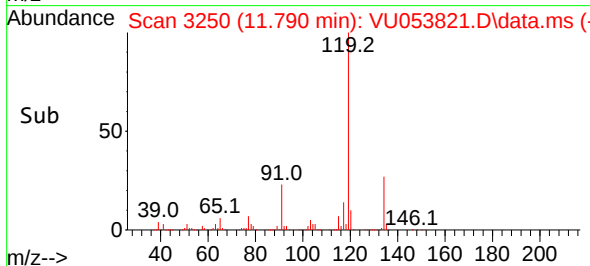
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



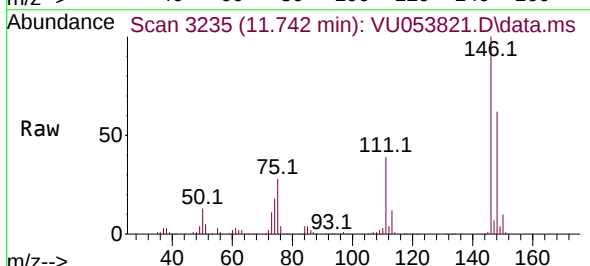
Tgt Ion:119 Resp: 589230
Ion Ratio Lower Upper
119 100
134 26.6 20.2 30.4
91 22.9 19.3 28.9

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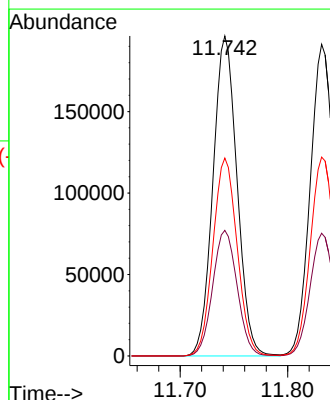
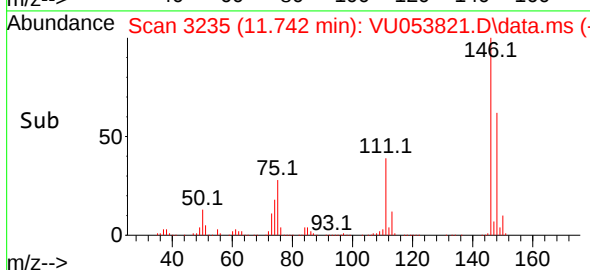
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

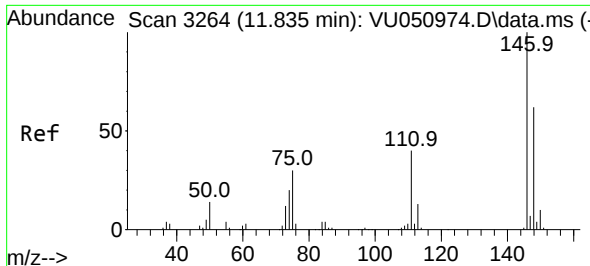


#82
1,3-Dichlorobenzene
Concen: 10.620 ug/l
RT: 11.742 min Scan# 3235
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01



Tgt Ion:146 Resp: 305626
Ion Ratio Lower Upper
146 100
111 39.9 32.6 49.0
148 62.2 51.0 76.4





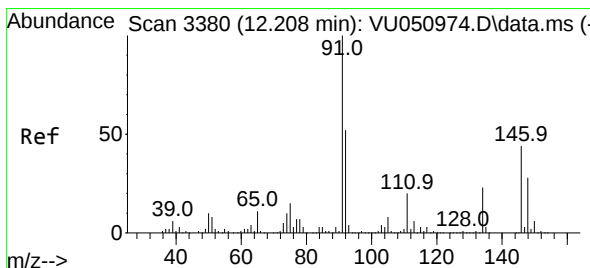
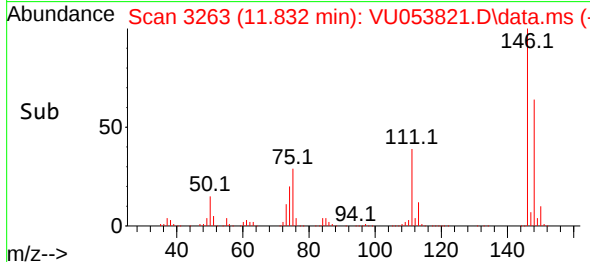
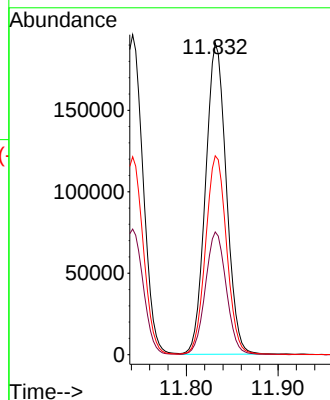
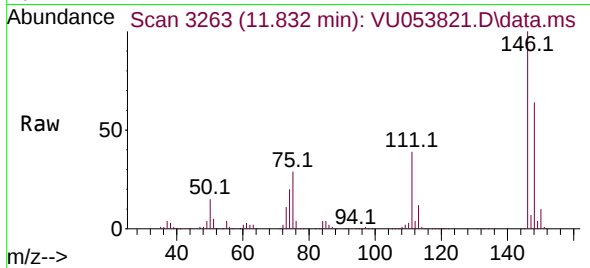
#83
1,4-Dichlorobenzene
Concen: 10.492 ug/l
RT: 11.832 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 30103
Ion Ratio Lower Upper
146 100
111 39.4 31.6 47.4
148 64.8 50.3 75.5

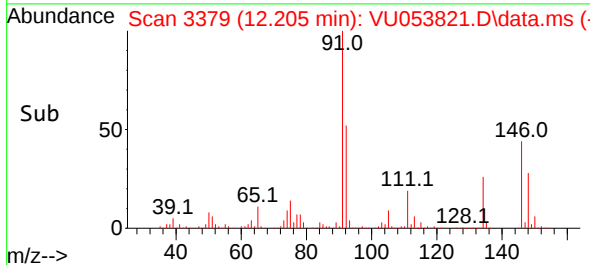
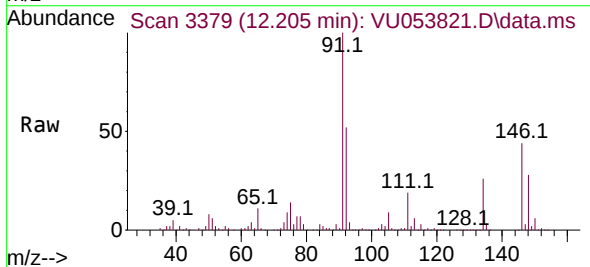
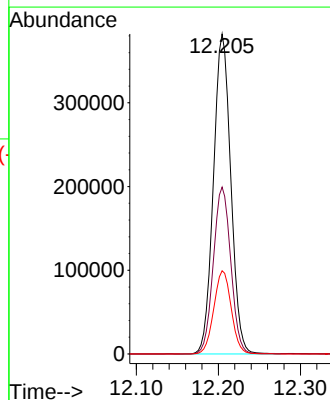
Manual Integrations
APPROVED

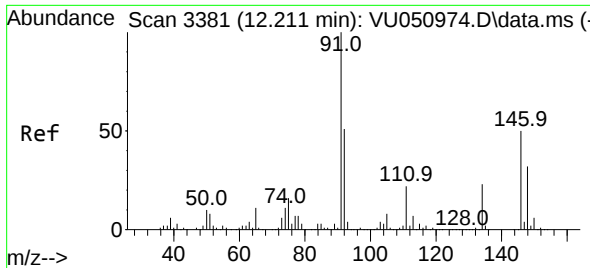
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#84
n-Butylbenzene
Concen: 10.015 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

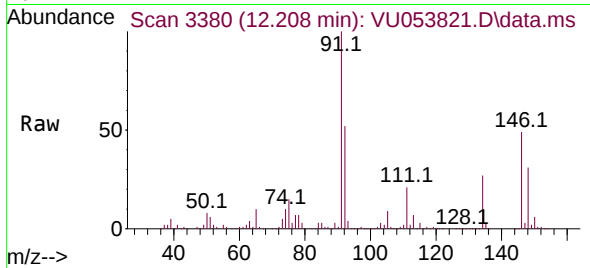
Tgt Ion: 91 Resp: 563688
Ion Ratio Lower Upper
91 100
92 52.4 40.8 61.2
134 26.1 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 10.064 ug/l
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

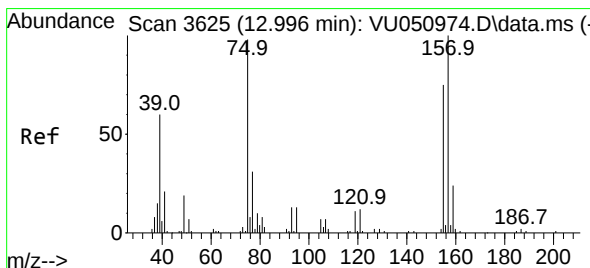
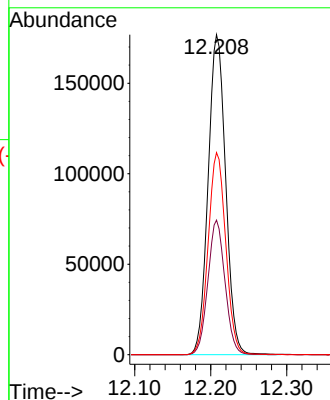
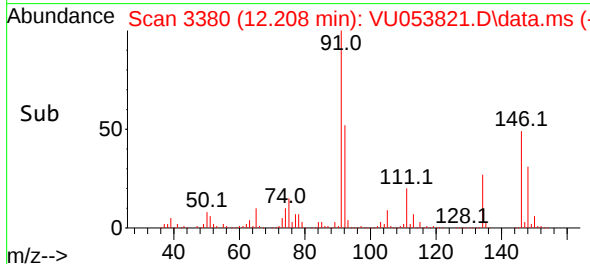
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 283219
Ion Ratio Lower Upper
146 100
111 40.9 21.6 64.6
148 63.5 32.1 96.5

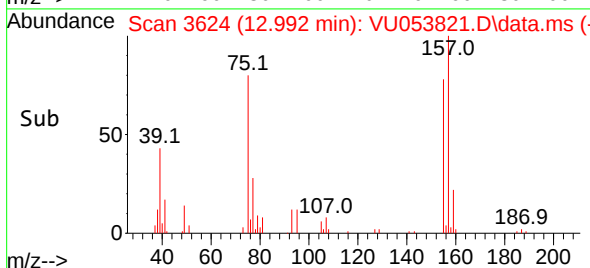
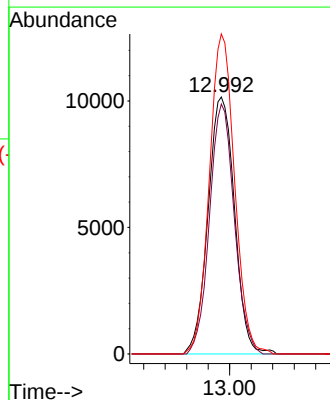
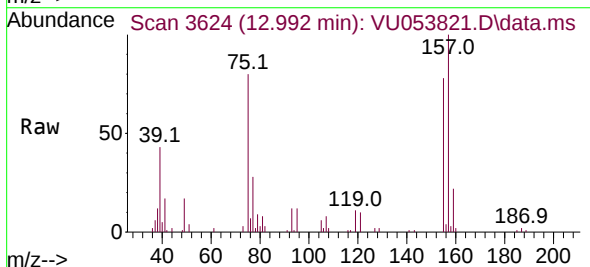
Manual Integrations
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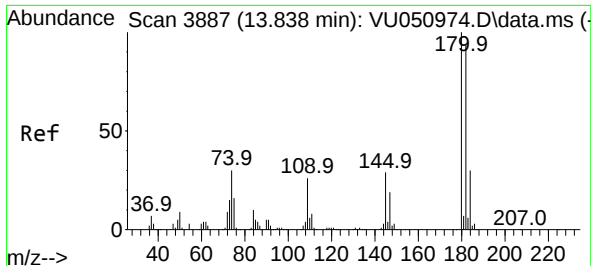
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 10.233 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

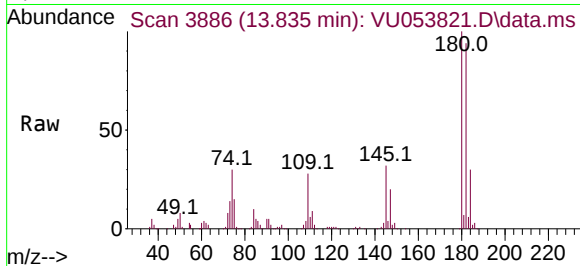
Tgt Ion: 75 Resp: 17352
Ion Ratio Lower Upper
75 100
155 91.1 61.8 92.8
157 118.8 80.2 120.4





#87
1,2,4-Trichlorobenzene
Concen: 10.442 ug/l
RT: 13.835 min Scan# 3886
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

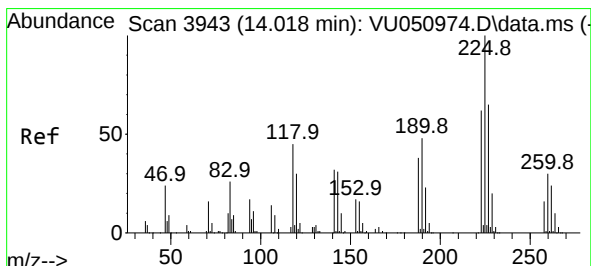
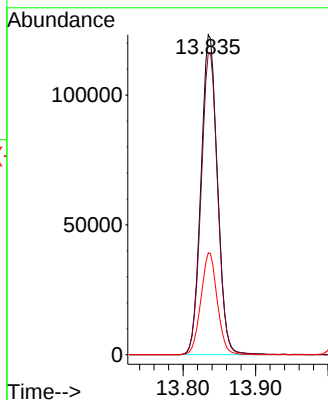
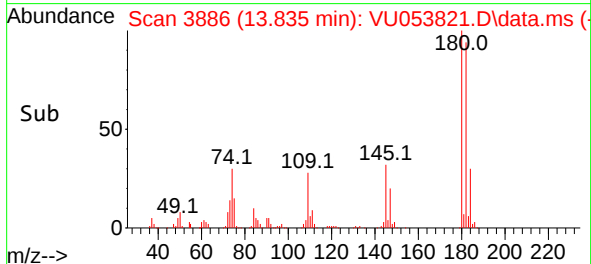
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 194239
Ion Ratio Lower Upper
180 100
182 95.4 75.8 113.6
145 31.6 23.9 35.9

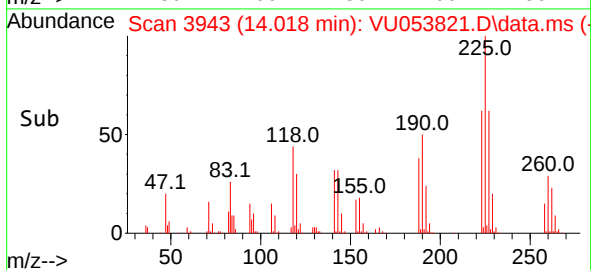
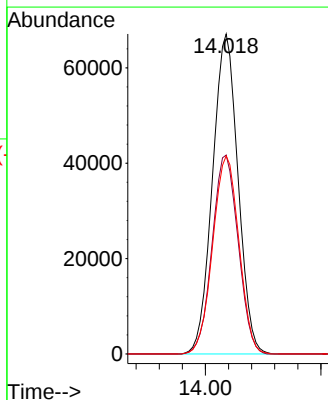
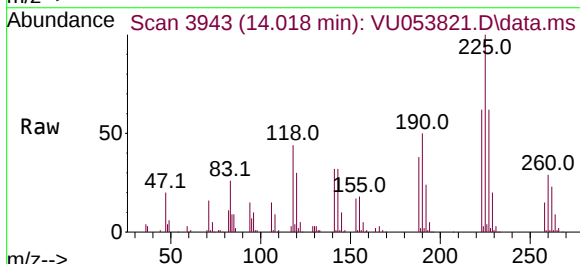
Manual Integrations
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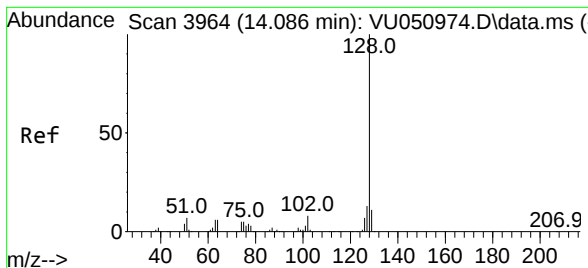
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#88
Hexachlorobutadiene
Concen: 10.349 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

Tgt Ion:225 Resp: 102687
Ion Ratio Lower Upper
225 100
223 63.4 50.2 75.4
227 63.6 51.5 77.3





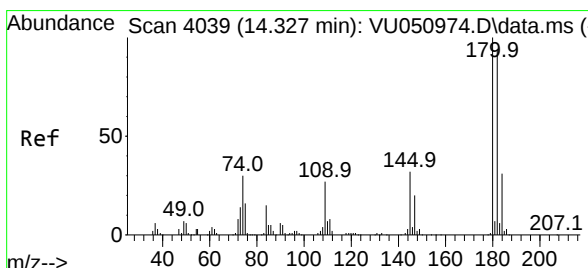
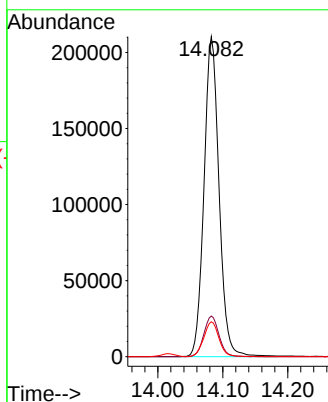
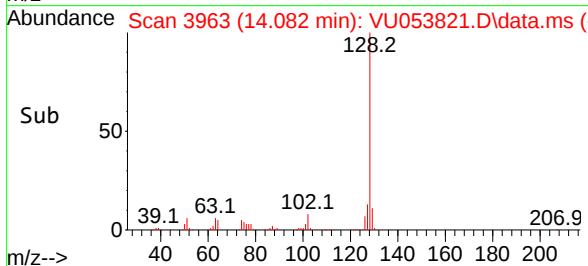
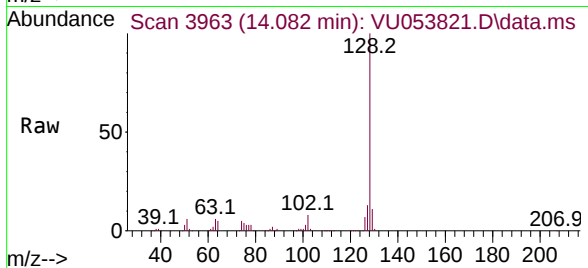
#89
Naphthalene
Concen: 10.416 ug/l
RT: 14.082 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 33953
Ion Ratio Lower Upper
128 100
127 12.8 10.9 16.3
129 11.0 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: 9.851 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU053821.D
Acq: 21 Apr 2023 12:01

Tgt Ion:180 Resp: 174225
Ion Ratio Lower Upper
180 100
182 95.5 75.7 113.5
145 33.3 26.1 39.1

