

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032923\
 Data File : VU053476.D
 Acq On : 29 Mar 2023 20:33
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023

Quant Time: Mar 30 14:10:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U032923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Mar 30 13:33:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	45743	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	16051	0.972	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	16910	1.020	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	162972	9.856	ug/l	97
3) Chloromethane	1.520	50	155323	9.220	ug/l	96
4) Vinyl Chloride	1.604	62	171445	9.631	ug/l	97
5) Bromomethane	1.858	94	133431	10.323	ug/l	98
6) Chloroethane	1.932	64	107174	9.419	ug/l	100
7) Trichlorofluoromethane	2.137	101	244165	9.160	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	123160	9.322	ug/l	99
9) 1,1-Dichloroethene	2.578	96	116001	9.597	ug/l	90
10) Iodomethane	2.719	142	142753	9.722	ug/l	98
11) Allyl Chloride	2.919	41	136505	10.007	ug/l	93
12) Acrylonitrile	3.317	53	45450	19.361	ug/l	96
13) Acetone	2.636	43	87776	19.064	ug/l	94
14) Carbon Disulfide	2.790	76	358699	9.682	ug/l	99
15) Methylene Chloride	3.044	84	130876	7.653	ug/l	94
16) trans-1,2-Dichloroethene	3.350	96	124346	9.959	ug/l	95
17) 1,1-Dichloroethane	3.864	63	227684	9.991	ug/l	99
18) 2-Butanone	4.703	43	140520	29.987	ug/l	97
19) Cyclohexane	5.382	56	184271	9.820	ug/l	# 83
20) Methylcyclohexane	6.758	83	234529	10.005	ug/l	94
21) 2,2-Dichloropropane	4.661	77	189748	9.726	ug/l	99
22) cis-1,2-Dichloroethene	4.661	96	136143	10.033	ug/l	99
23) Diethyl Ether	2.375	59	91707	9.561	ug/l	92
24) tert-Butyl Alcohol	3.218	59	84850	97.315	ug/l	# 1
25) Methyl tert-Butyl Ether	3.359	73	273930	10.227	ug/l	97
26) Bromochloromethane	4.970	128	54434	9.957	ug/l	99
27) Chloroform	5.083	83	237735	10.049	ug/l	96
28) 1,1,1-Trichloroethane	5.314	97	203270	9.966	ug/l	98
29) 1,1-Dichloropropene	5.520	75	180908	10.251	ug/l	97
30) Carbon Tetrachloride	5.520	117	169695	10.454	ug/l	97
31) Isopropyl Ether	3.986	45	322726	10.294	ug/l	95
32) Ethyl-t-butyl ether	4.497	59	329526	10.232	ug/l	99
33) Tert-Amyl methyl ether	5.935	73	298172	10.413	ug/l	99
34) Propionitrile	4.780	54	44708	50.114	ug/l	# 16
35) Benzene	5.771	78	516854	10.011	ug/l	99
36) 1,2-Dichloroethane	5.787	62	147423	9.940	ug/l	98
37) Trichloroethene	6.536	130	132798	10.228	ug/l	98
38) 1,2-Dichloropropane	6.787	63	135361	10.232	ug/l	97
39) Methacrylonitrile	4.970	41	33333	10.339	ug/l	95
40) Methyl acrylate	4.841	55	55172	9.438	ug/l	# 95
41) Tetrahydrofuran	5.054	42	35466	21.068	ug/l	93
42) 1-Chlorobutane	5.452	56	233155	9.933	ug/l	95
43) Dibromomethane	6.912	93	65178	10.342	ug/l	94
44) Bromodichloromethane	7.102	83	162541	10.314	ug/l	98

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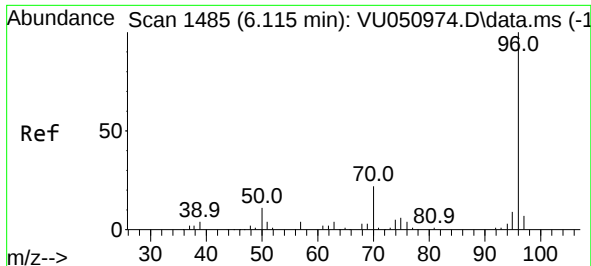
Manual Integrations
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Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023

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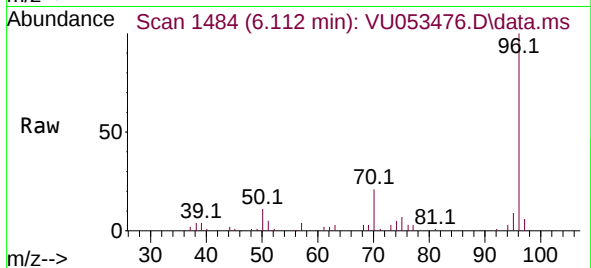
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.787	43	325598	49.807	ug/l	94
46) t-1,4-Dichloro-2-butene	10.832	75	78274m	18.696	ug/l	
47) Methyl methacrylate	6.954	69	122185	21.087	ug/l	93
48) Ethyl methacrylate	8.330	69	116559	10.373	ug/l	93
49) Toluene	7.964	92	323659	10.229	ug/l	100
50) t-1,3-Dichloropropene	8.205	75	161955	11.095	ug/l	99
51) cis-1,3-Dichloropropene	7.603	75	194161	10.740	ug/l	96
52) 1,1,2-Trichloroethane	8.394	97	92984	10.175	ug/l	99
53) 1,3-Dichloropropane	8.571	76	160672	10.193	ug/l	99
54) 2-Hexanone	8.681	43	233152	33.994	ug/l	95
55) Dibromochloromethane	8.806	129	100489	10.802	ug/l	99
56) 1,2-Dibromoethane	8.918	107	89160	10.590	ug/l	99
58) Tetrachloroethene	8.549	164	126362	10.407	ug/l	95
59) Chlorobenzene	9.443	112	353495	10.147	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.529	131	114167	10.782	ug/l	98
61) Pentachloroethane	11.423	117	72865	9.794	ug/l	98
62) Hexachloroethane	12.471	117	96228	9.365	ug/l #	81
63) Ethyl Benzene	9.565	91	643961	10.540	ug/l	99
64) m/p-Xylenes	9.690	106	495557	21.215	ug/l	98
65) o-Xylene	10.095	106	241216	10.552	ug/l	100
66) Styrene	10.108	104	385000	10.954	ug/l	99
67) Bromoform	10.285	173	46648	9.098	ug/l #	98
69) Isopropylbenzene	10.481	105	631187	10.545	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.777	83	114557	10.414	ug/l	99
71) 1,2,3-Trichloropropane	10.832	75	94411m	11.366	ug/l	
72) Bromobenzene	10.777	156	132111	10.535	ug/l	98
73) n-propylbenzene	10.902	120	177739	11.240	ug/l	100
74) 2-Chlorotoluene	10.983	126	143729	10.513	ug/l	97
75) 1,3,5-Trimethylbenzene	11.082	105	548269	10.908	ug/l	99
76) 4-Chlorotoluene	11.092	126	150899	10.630	ug/l	98
77) tert-Butylbenzene	11.417	119	493619	10.595	ug/l	97
78) 1,2,4-Trimethylbenzene	11.462	105	553870	10.820	ug/l	99
79) sec-Butylbenzene	11.639	105	717779	10.696	ug/l	99
80) Nitrobenzene	13.204	77	15225	55.086	ug/l #	90
81) p-Isopropyltoluene	11.790	119	576549	10.938	ug/l	99
82) 1,3-Dichlorobenzene	11.742	146	275973	10.326	ug/l	98
83) 1,4-Dichlorobenzene	11.832	146	281339	10.403	ug/l	99
84) n-Butylbenzene	12.205	91	565676	10.862	ug/l	98
85) 1,2-Dichlorobenzene	12.208	146	266891	10.539	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.992	75	19019	11.384	ug/l	93
87) 1,2,4-Trichlorobenzene	13.835	180	159784	10.817	ug/l	98
88) Hexachlorobutadiene	14.018	225	74475	10.542	ug/l	98
89) Naphthalene	14.082	128	315168	10.605	ug/l	99
90) 1,2,3-Trichlorobenzene	14.327	180	142205	11.174	ug/l	98

(#) = 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. -0.003 min
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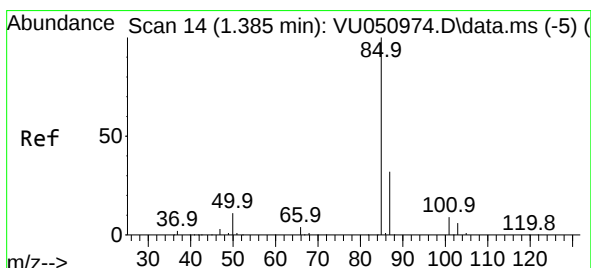
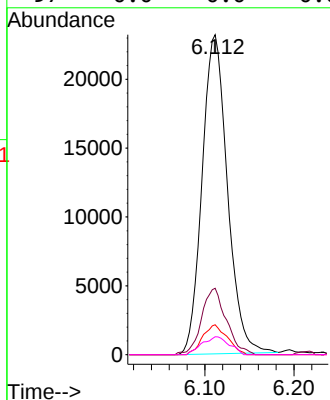
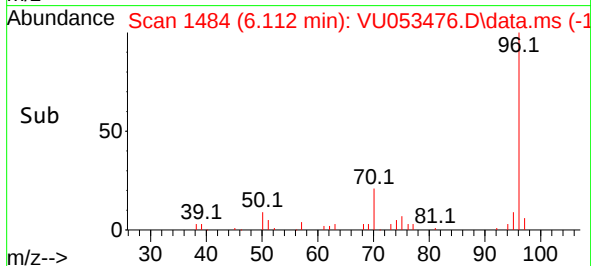
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 96 Resp: 4574
Ion Ratio Lower Upper
96 100
70 20.3 16.5 24.7
95 9.1 7.4 11.0
97 0.0 0.0 0.0

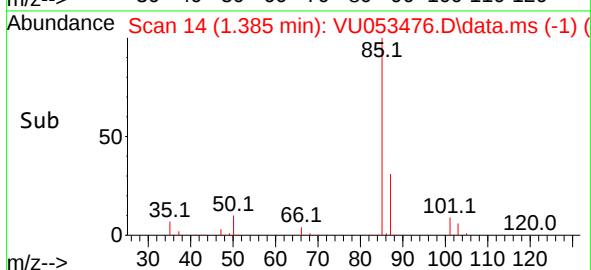
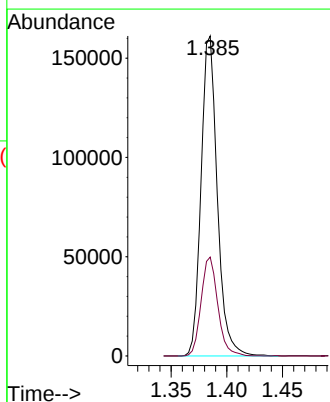
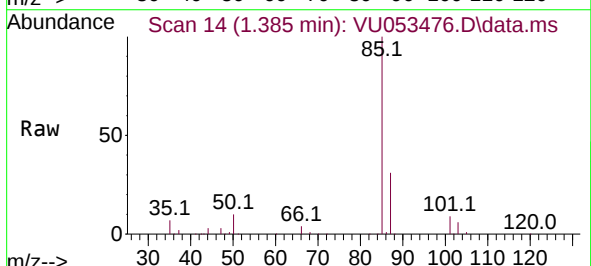
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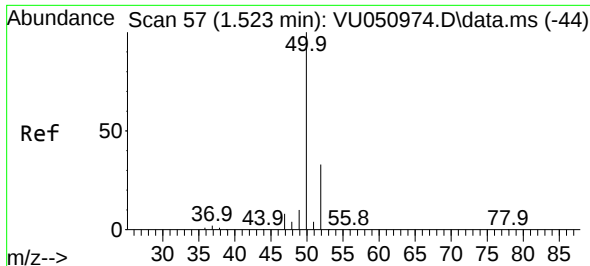
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#2
Dichlorodifluoromethane
Concen: 9.856 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

Tgt Ion: 85 Resp: 162972
Ion Ratio Lower Upper
85 100
87 30.9 16.2 48.6





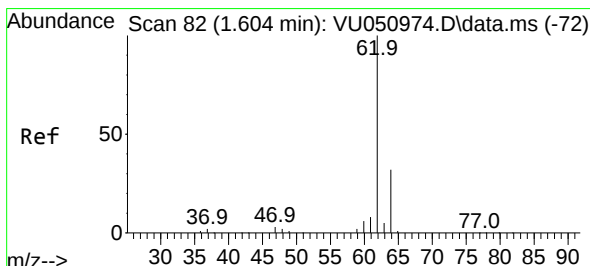
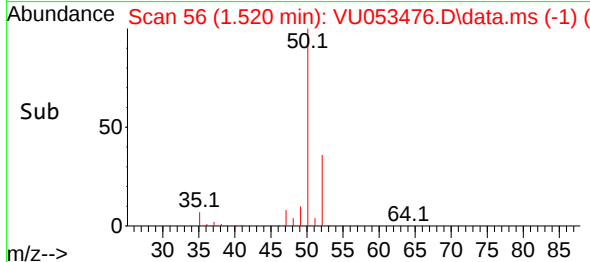
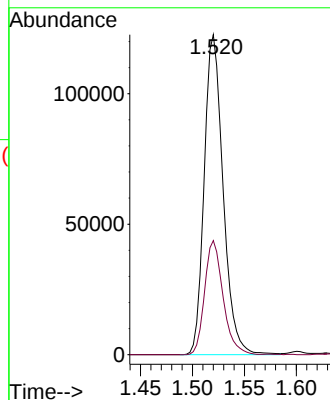
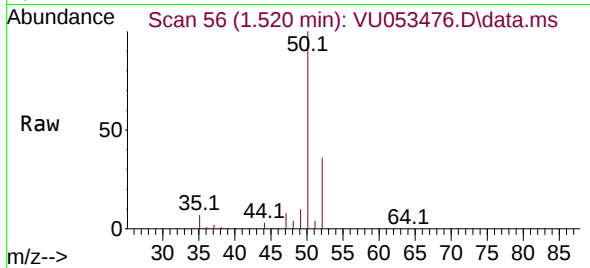
#3
Chloromethane
Concen: 9.220 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 50 Resp: 15532
Ion Ratio Lower Upper
50 100
52 35.7 26.6 40.0

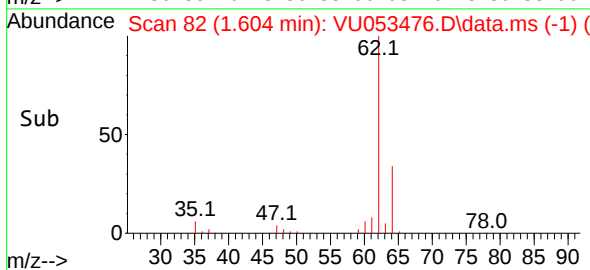
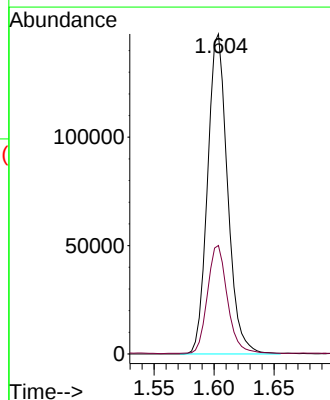
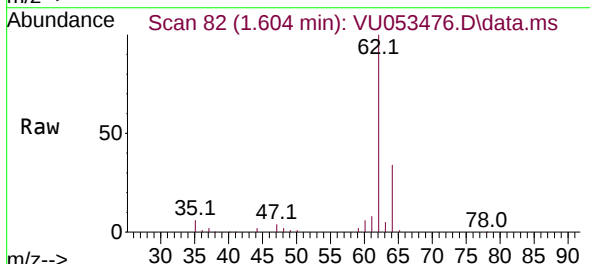
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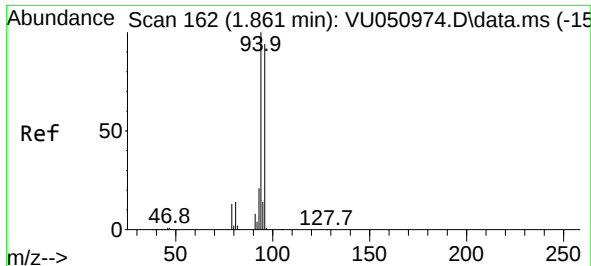
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#4
Vinyl Chloride
Concen: 9.631 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

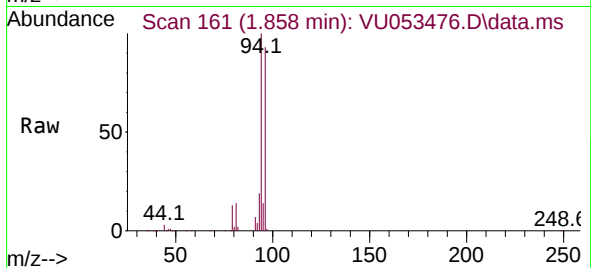
Tgt Ion: 62 Resp: 171445
Ion Ratio Lower Upper
62 100
64 33.7 25.4 38.2





#5
Bromomethane
Concen: 10.323 ug/l
RT: 1.858 min Scan# 161
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

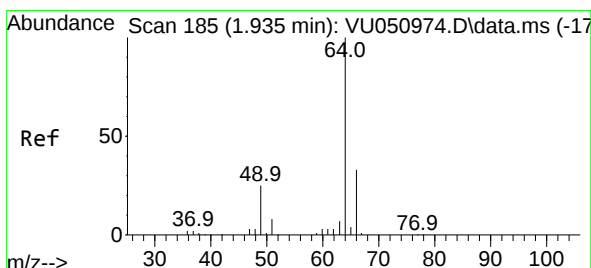
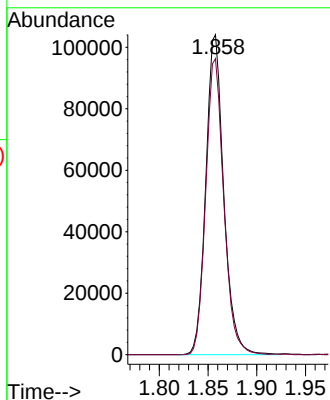
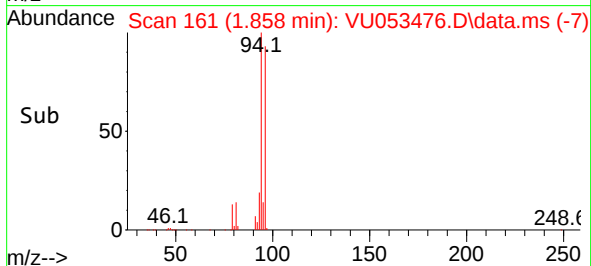
Instrument :
MSVOA_U
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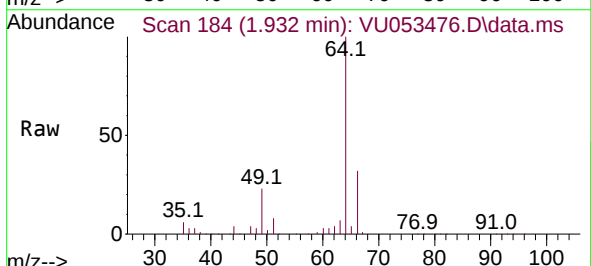
Tgt Ion: 94 Resp: 13343
Ion Ratio Lower Upper
94 100
96 92.5 75.4 113.2

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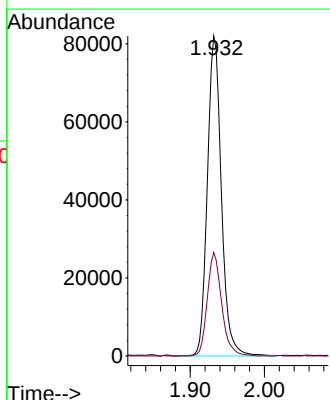
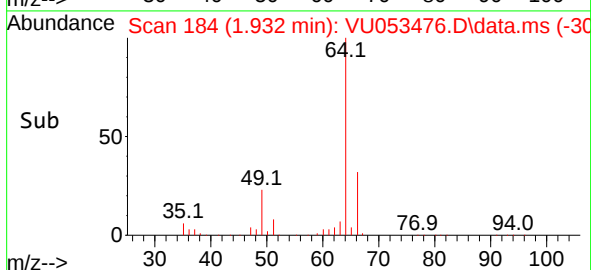
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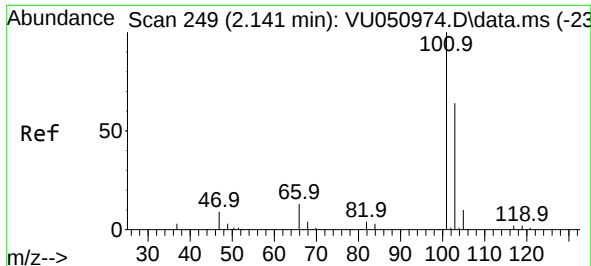


#6
Chloroethane
Concen: 9.419 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33



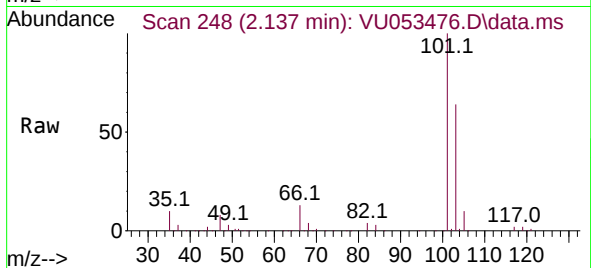
Tgt Ion: 64 Resp: 107174
Ion Ratio Lower Upper
64 100
66 32.4 26.0 39.0





#7
Trichlorofluoromethane
Concen: 9.160 ug/l
RT: 2.137 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

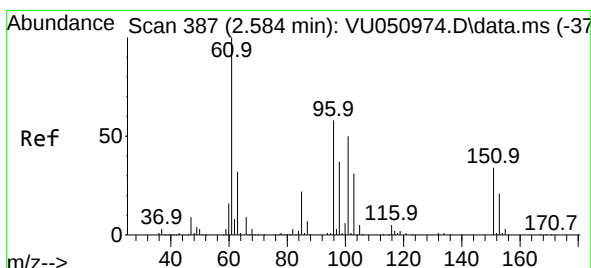
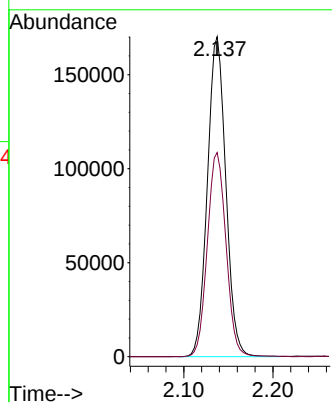
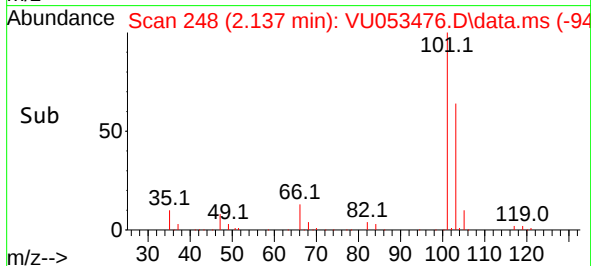
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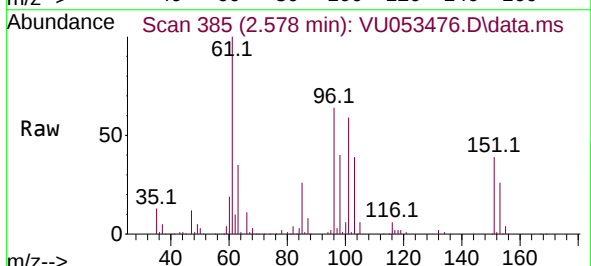
Tgt Ion:101 Resp: 24416
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.0

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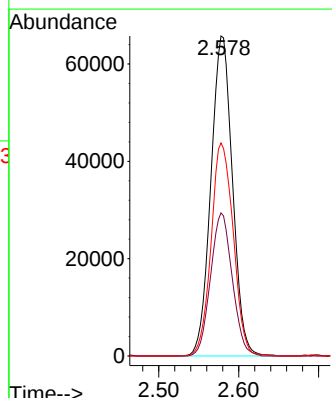
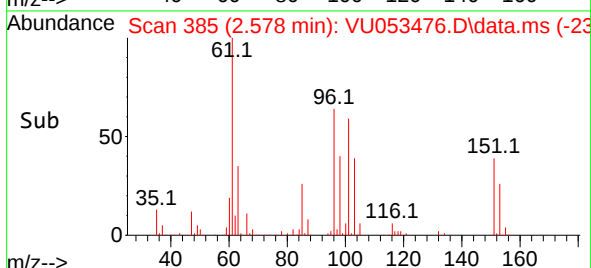
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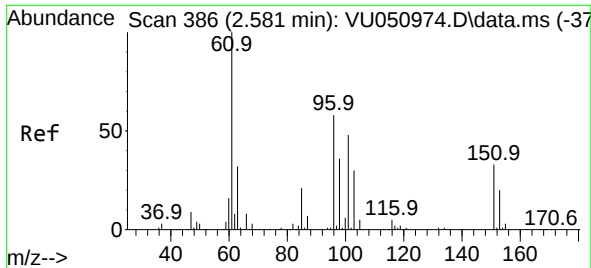


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.322 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.007 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33



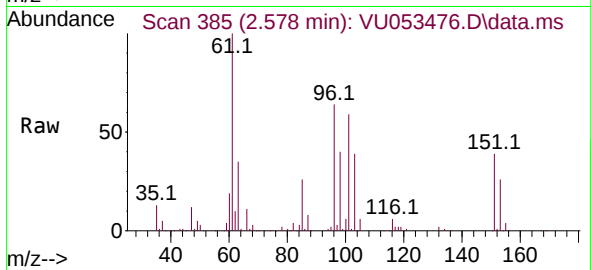
Tgt Ion:101 Resp: 123160
Ion Ratio Lower Upper
101 100
85 44.9 35.4 53.0
151 68.4 54.0 81.0





#9
1,1-Dichloroethene
Concen: 9.597 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

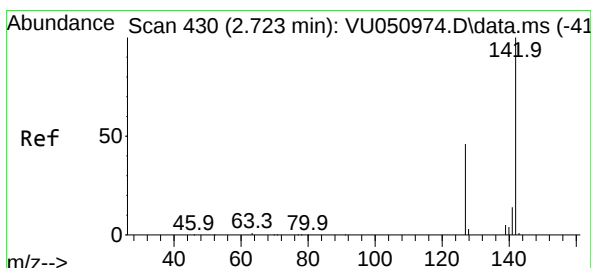
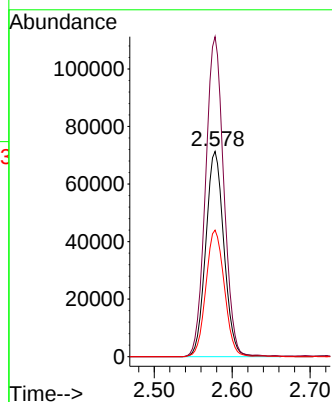
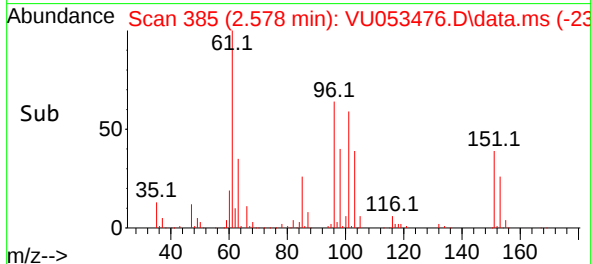
Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC



Tgt Ion: 96 Resp: 11600
Ion Ratio Lower Upper
96 100
61 155.8 0.0 521.4
98 61.6 0.0 125.8

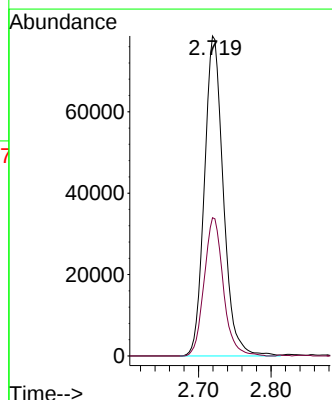
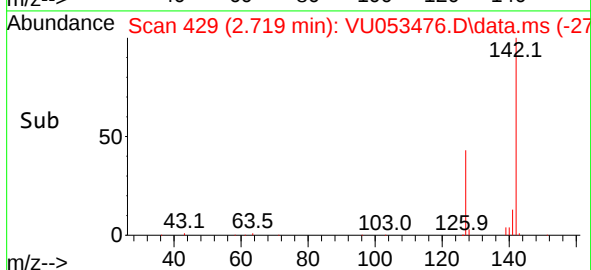
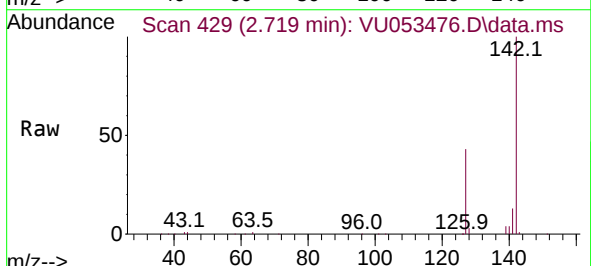
Manual Integrations
APPROVED

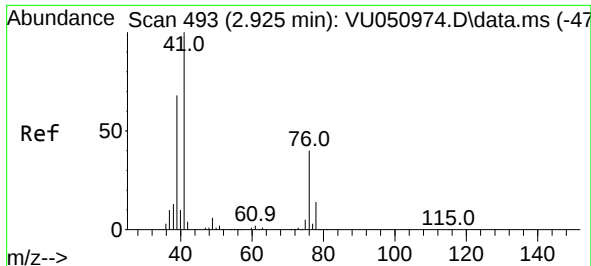
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#10
Iodomethane
Concen: 9.722 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.004 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

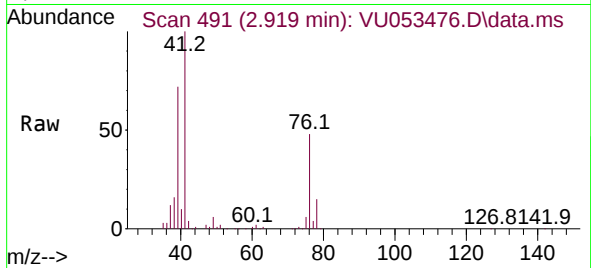
Tgt Ion:142 Resp: 142753
Ion Ratio Lower Upper
142 100
127 43.7 35.9 53.9





#11
 Allyl Chloride
 Concen: 10.007 ug/l
 RT: 2.919 min Scan# 491
 Delta R.T. -0.007 min
 Lab File: VU053476.D
 Acq: 29 Mar 2023 20:33

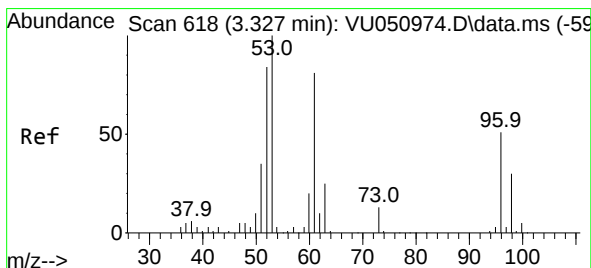
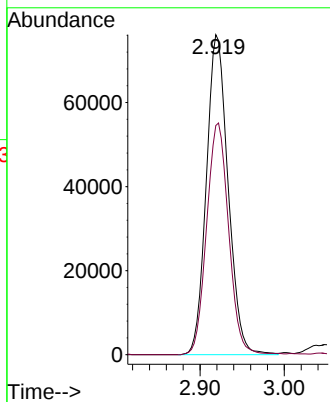
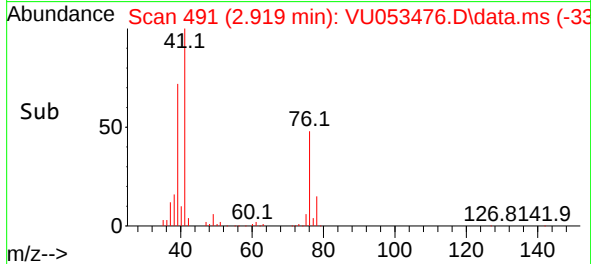
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



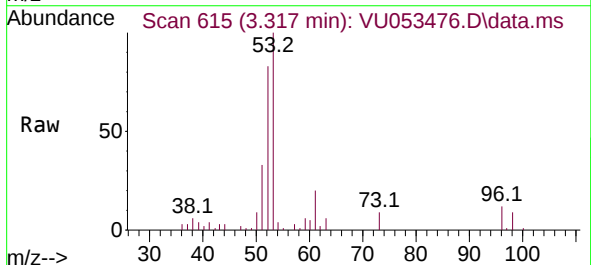
Tgt Ion: 41 Resp: 13650
 Ion Ratio Lower Upper
 41 100
 39 73.4 54.2 81.2

Manual Integrations
 APPROVED

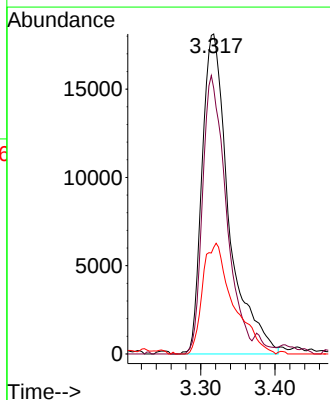
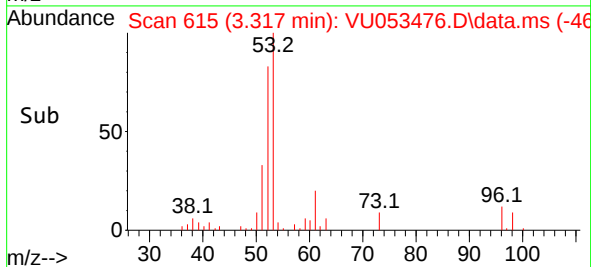
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023

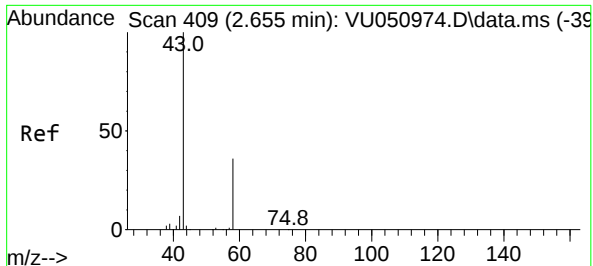


#12
 Acrylonitrile
 Concen: 19.361 ug/l
 RT: 3.317 min Scan# 615
 Delta R.T. -0.010 min
 Lab File: VU053476.D
 Acq: 29 Mar 2023 20:33



Tgt Ion: 53 Resp: 45450
 Ion Ratio Lower Upper
 53 100
 52 76.8 62.9 94.3
 51 39.4 27.8 41.6





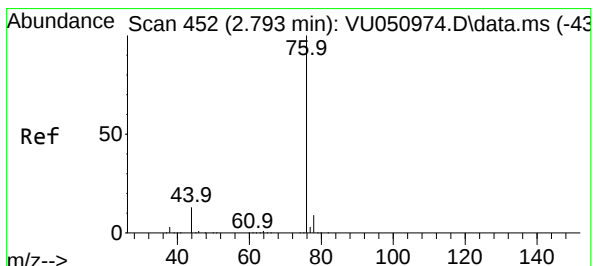
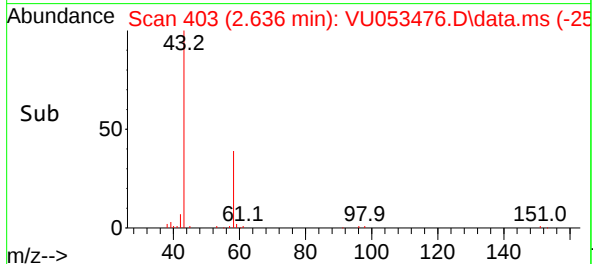
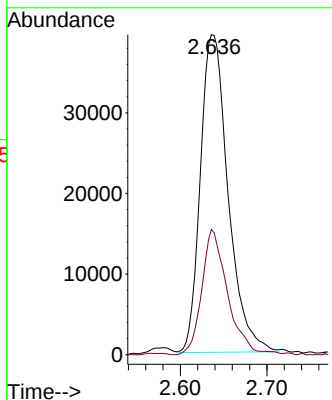
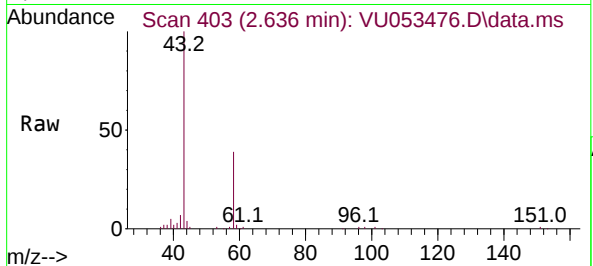
#13
Acetone
Concen: 19.064 ug/l
RT: 2.636 min Scan# 409
Delta R.T. -0.019 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 87776
Ion Ratio Lower Upper
43 100
58 39.5 29.0 43.4

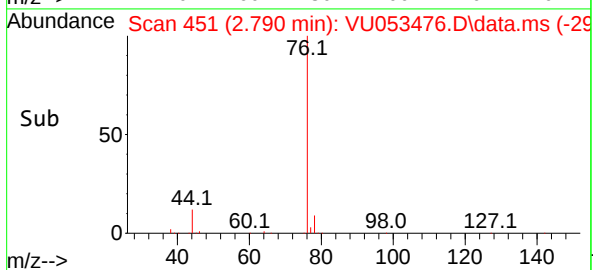
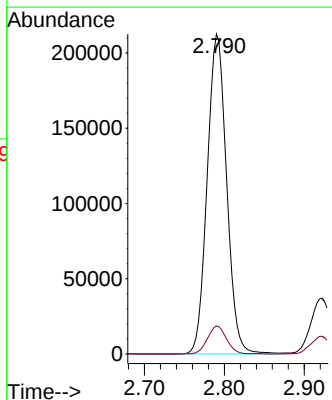
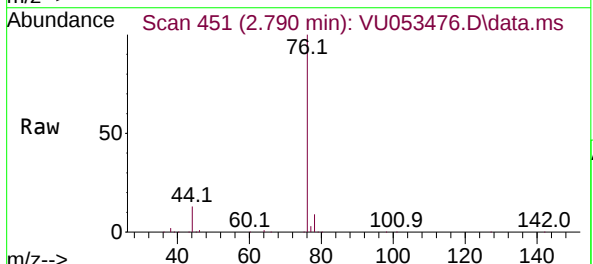
Manual Integrations
APPROVED

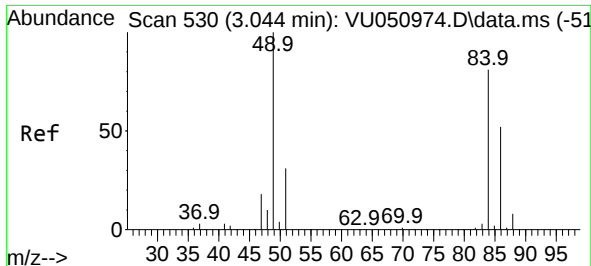
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#14
Carbon Disulfide
Concen: 9.682 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

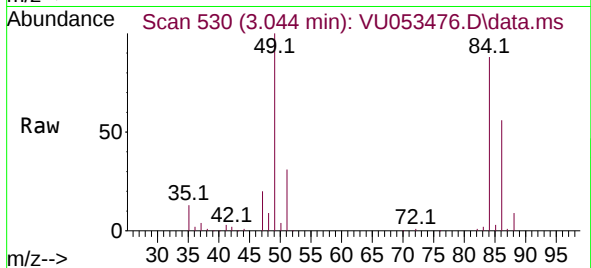
Tgt Ion: 76 Resp: 358699
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0





#15
Methylene Chloride
Concen: 7.653 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

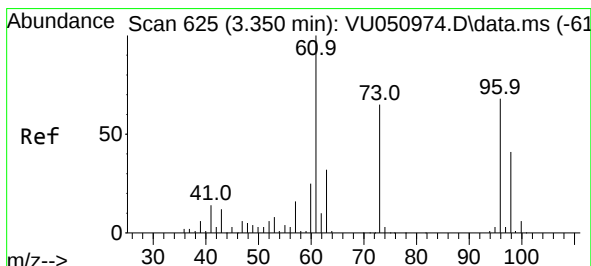
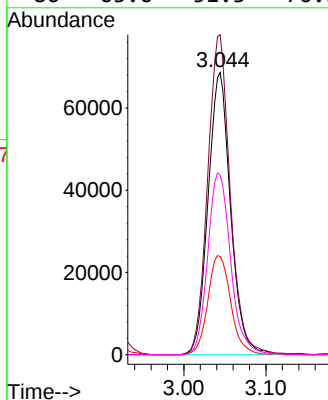
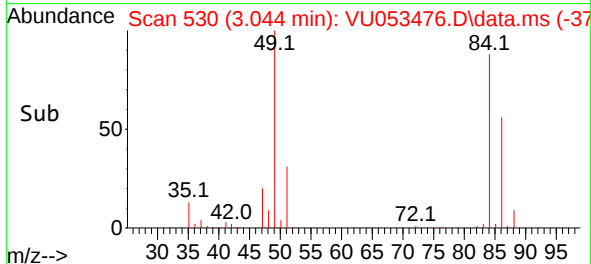
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 84 Resp: 130870
Ion Ratio Lower Upper
84 100
49 113.4 98.9 148.3
51 34.8 0.0 75.4
86 63.6 51.3 76.9

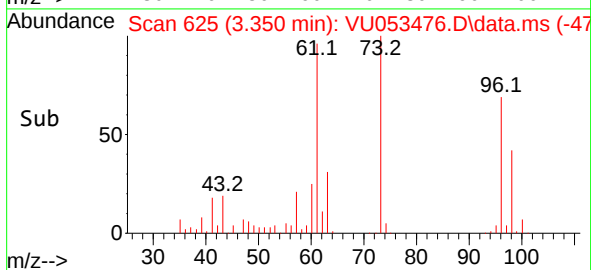
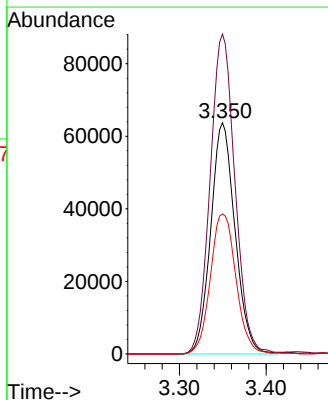
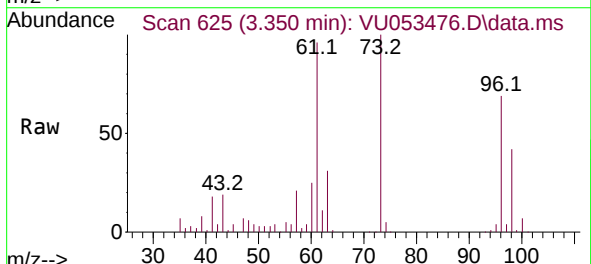
Manual Integrations
APPROVED

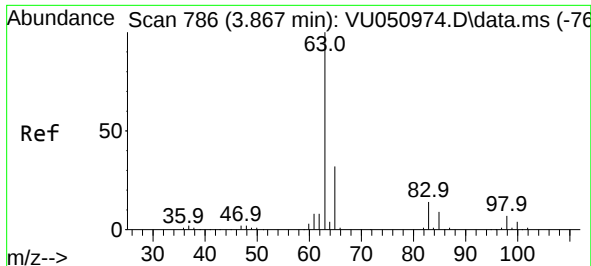
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#16
trans-1,2-Dichloroethene
Concen: 9.959 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

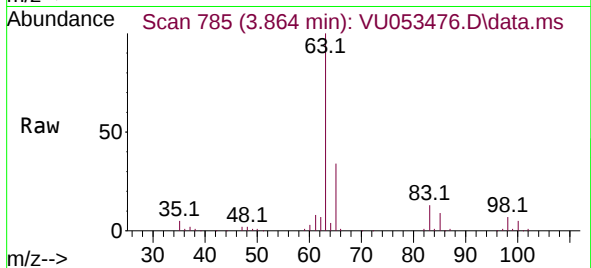
Tgt Ion: 96 Resp: 124346
Ion Ratio Lower Upper
96 100
61 138.4 117.5 176.3
98 60.5 48.3 72.5





#17
1,1-Dichloroethane
Concen: 9.991 ug/l
RT: 3.864 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

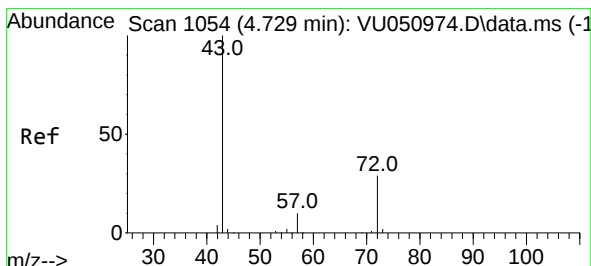
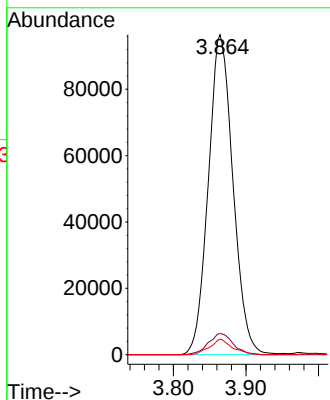
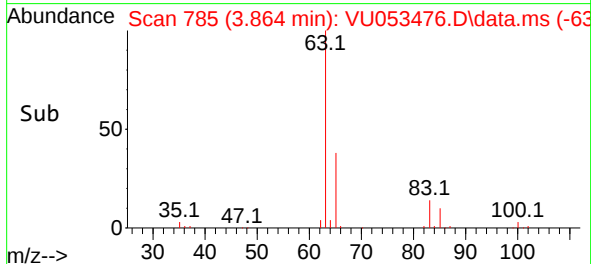
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



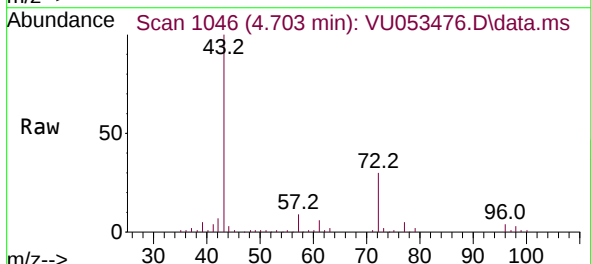
Tgt Ion: 63 Resp: 227684
Ion Ratio Lower Upper
63 100
98 6.6 3.4 10.1
100 4.9 2.2 6.6

Manual Integrations
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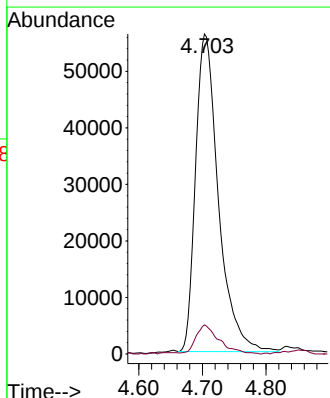
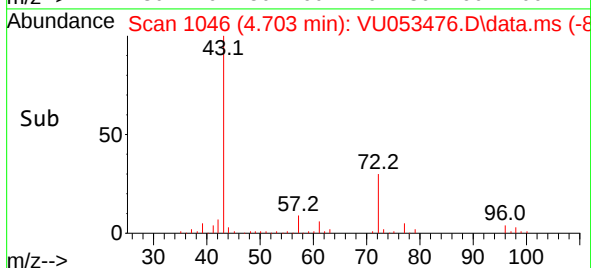
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

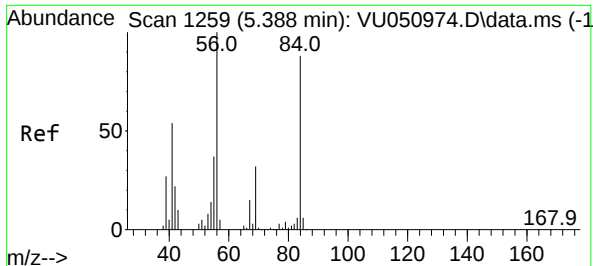


#18
2-Butanone
Concen: 29.987 ug/l
RT: 4.703 min Scan# 1046
Delta R.T. -0.026 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33



Tgt Ion: 43 Resp: 140520
Ion Ratio Lower Upper
43 100
57 8.8 0.0 19.6





#19

Cyclohexane

Concen: 9.820 ug/l

RT: 5.382 min Scan# 1259

Delta R.T. -0.007 min

Lab File: VU053476.D

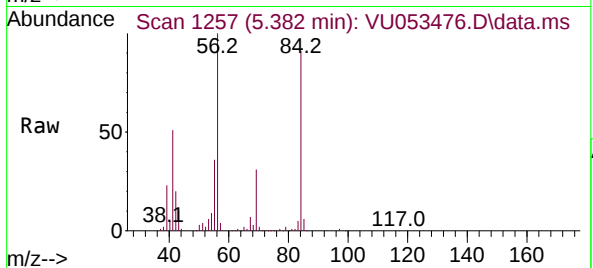
Acq: 29 Mar 2023 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 56 Resp: 18427

Ion Ratio Lower Upper

56 100

69 35.8 24.6 37.0

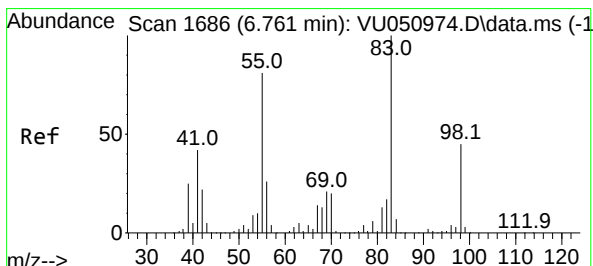
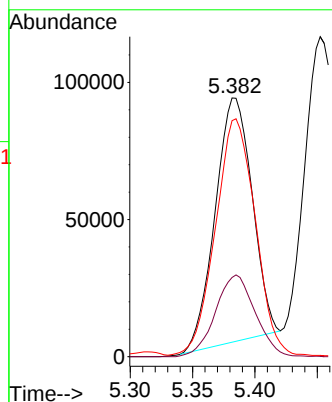
84 104.1 68.4 102.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#20

Methylcyclohexane

Concen: 10.005 ug/l

RT: 6.758 min Scan# 1685

Delta R.T. -0.003 min

Lab File: VU053476.D

Acq: 29 Mar 2023 20:33

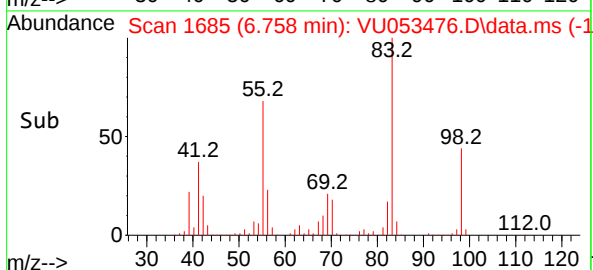
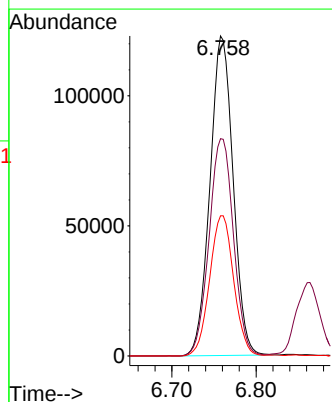
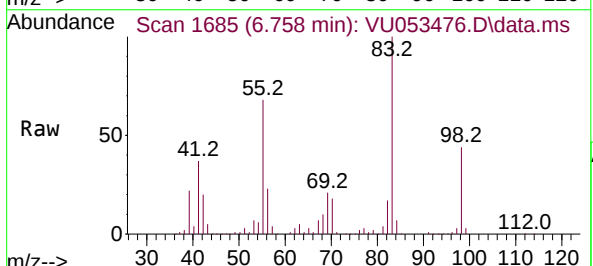
Tgt Ion: 83 Resp: 234529

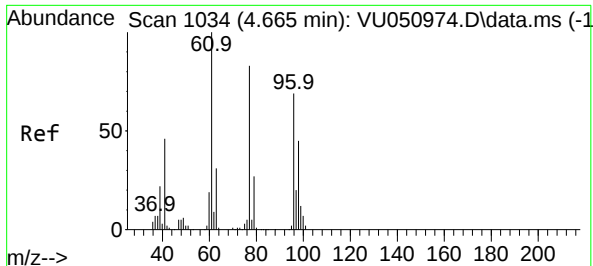
Ion Ratio Lower Upper

83 100

55 71.2 63.5 95.3

98 45.2 36.0 54.0





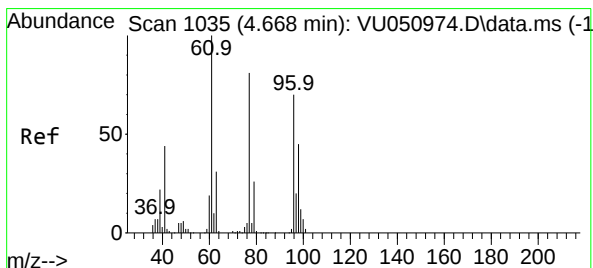
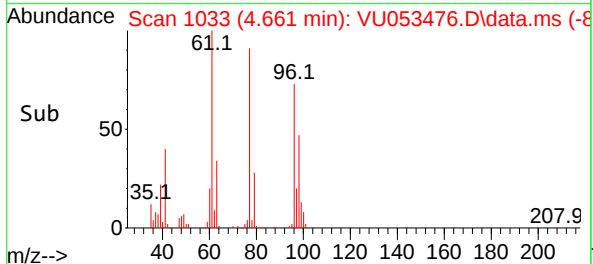
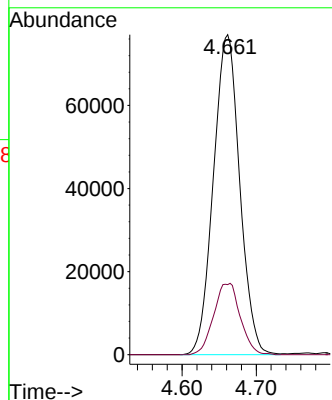
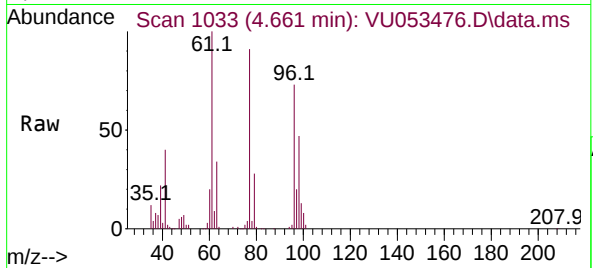
#21
2,2-Dichloropropane
Concen: 9.726 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 77 Resp: 189748
Ion Ratio Lower Upper
77 100
97 22.5 18.4 27.6

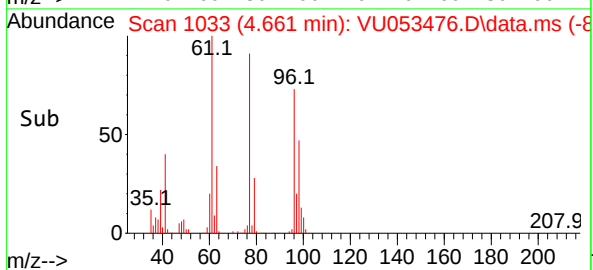
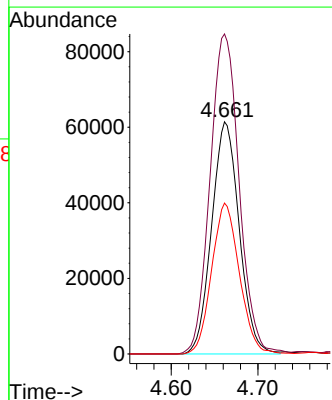
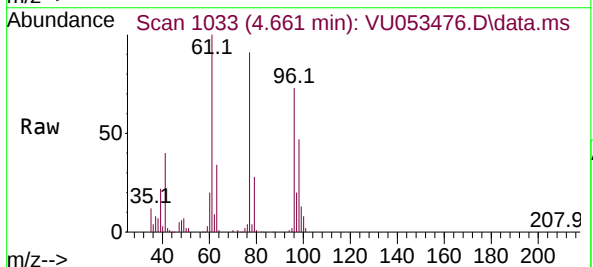
Manual Integrations
APPROVED

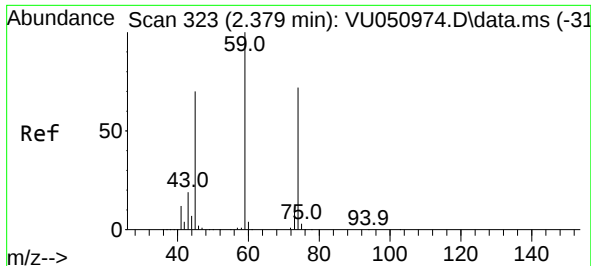
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#22
cis-1,2-Dichloroethene
Concen: 10.033 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. -0.007 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

Tgt Ion: 96 Resp: 136143
Ion Ratio Lower Upper
96 100
61 145.1 0.0 365.8
98 65.2 32.0 96.0





#23

Diethyl Ether

Concen: 9.561 ug/l

RT: 2.375 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU053476.D

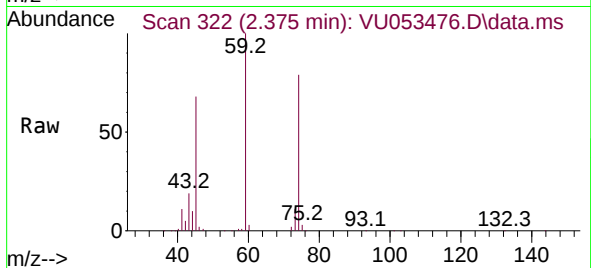
Acq: 29 Mar 2023 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



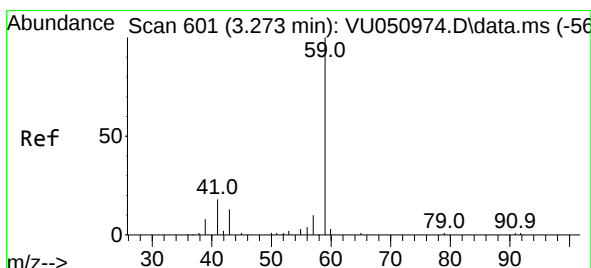
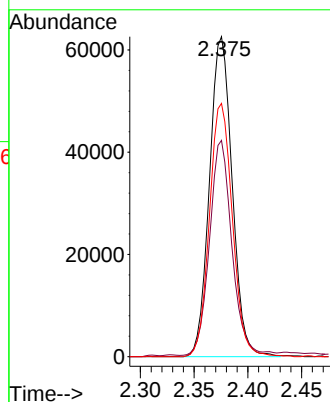
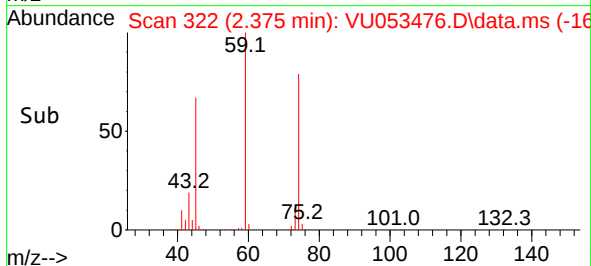
Tgt Ion:	59	Ratio	100	Lower	Upper
Ion	59	100			
	45	66.4	56.1	84.1	
	74	80.5	57.4	86.2	

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#24

tert-Butyl Alcohol

Concen: 97.315 ug/l

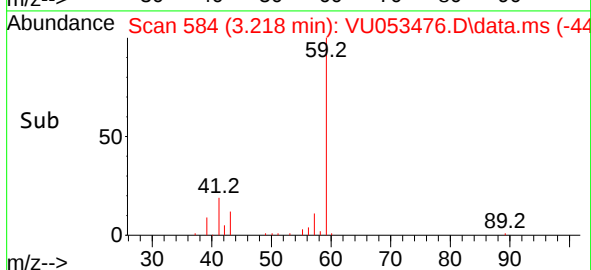
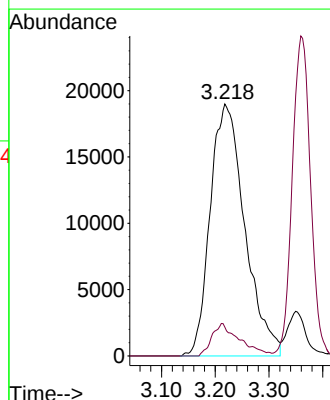
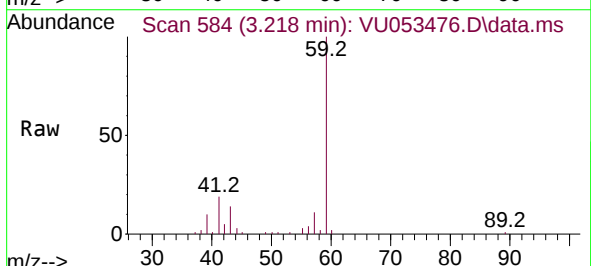
RT: 3.218 min Scan# 584

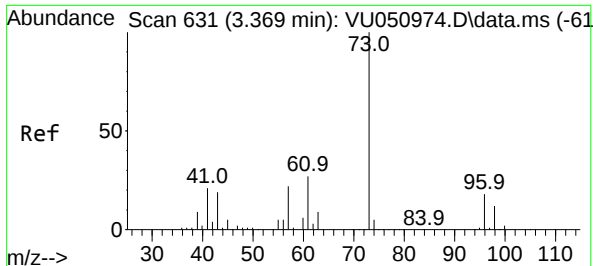
Delta R.T. -0.055 min

Lab File: VU053476.D

Acq: 29 Mar 2023 20:33

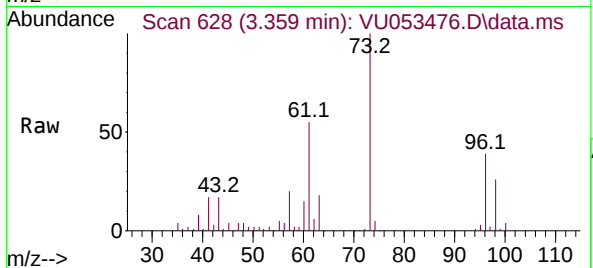
Tgt Ion:	59	Ratio	100	Lower	Upper
Ion	59	100			
	57	10.4	105.6	158.4	





#25
Methyl tert-Butyl Ether
Concen: 10.227 ug/l
RT: 3.359 min Scan# 61
Delta R.T. -0.010 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

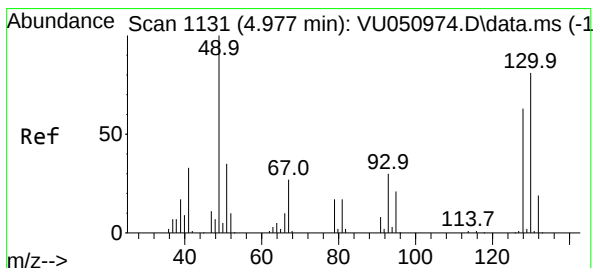
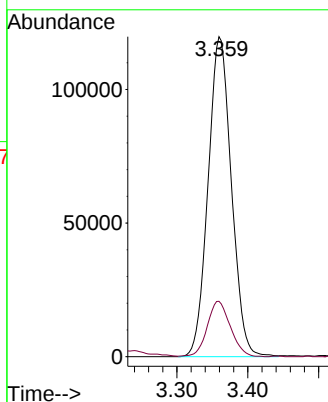
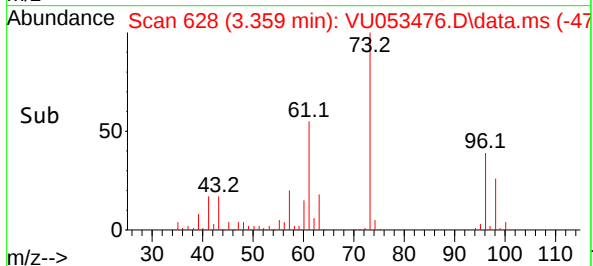
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 73 Resp: 273930
Ion Ratio Lower Upper
73 100
43 17.2 15.0 22.6

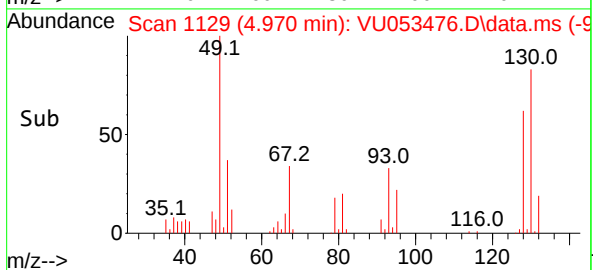
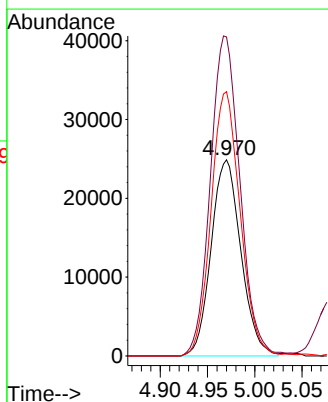
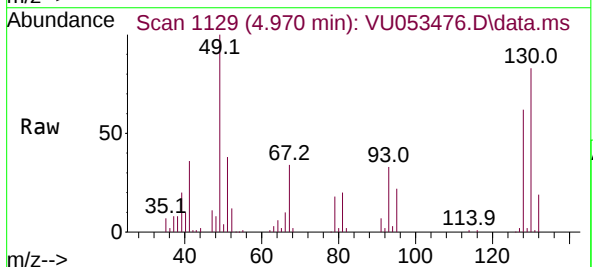
Manual Integrations
APPROVED

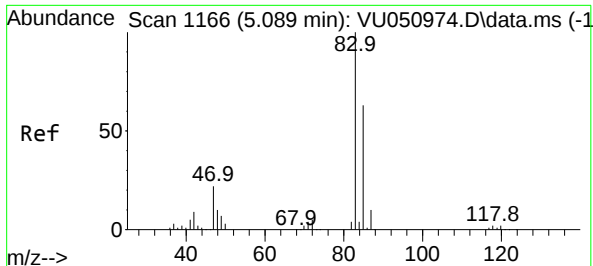
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#26
Bromochloromethane
Concen: 9.957 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.007 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

Tgt Ion:128 Resp: 54434
Ion Ratio Lower Upper
128 100
49 162.2 0.0 324.6
130 132.0 103.0 154.4





#27

Chloroform

Concen: 10.049 ug/l

RT: 5.083 min Scan# 1166

Delta R.T. -0.007 min

Lab File: VU053476.D

Acq: 29 Mar 2023 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 23773

Ion Ratio Lower Upper

83 100

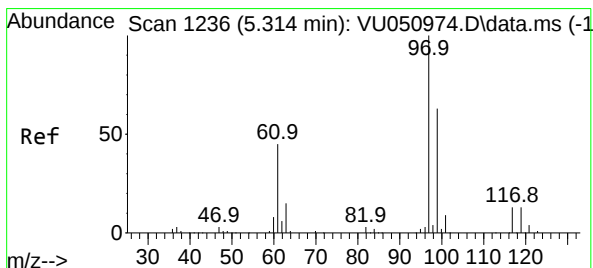
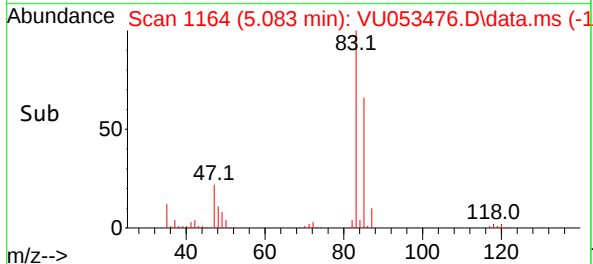
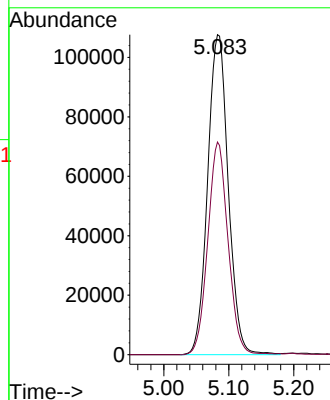
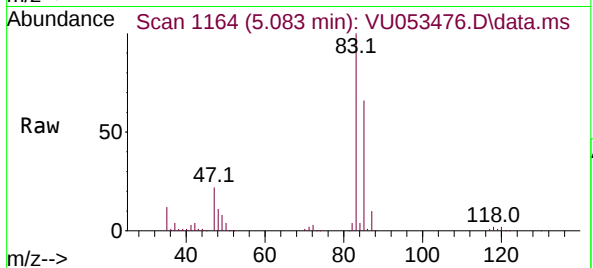
85 66.4 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#28

1,1,1-Trichloroethane

Concen: 9.966 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU053476.D

Acq: 29 Mar 2023 20:33

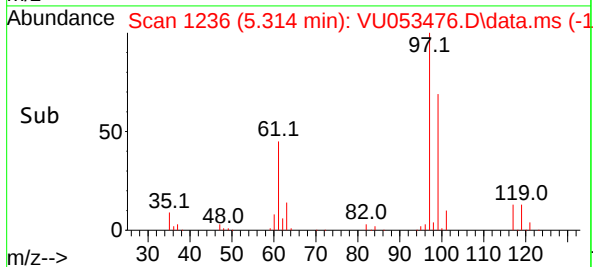
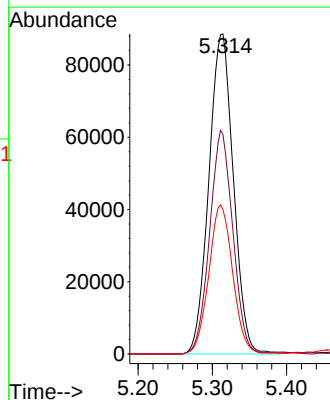
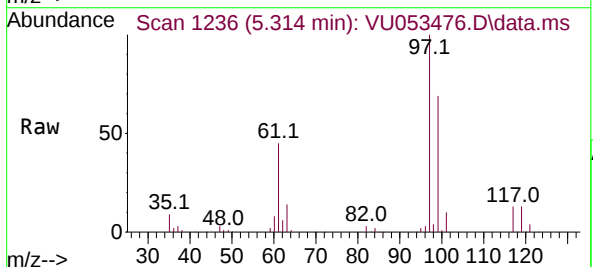
Tgt Ion: 97 Resp: 203270

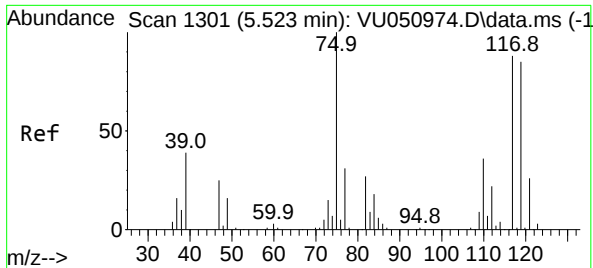
Ion Ratio Lower Upper

97 100

99 66.2 32.0 96.2

61 45.4 22.9 68.5





#29
1,1-Dichloropropene
Concen: 10.251 ug/l
RT: 5.520 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

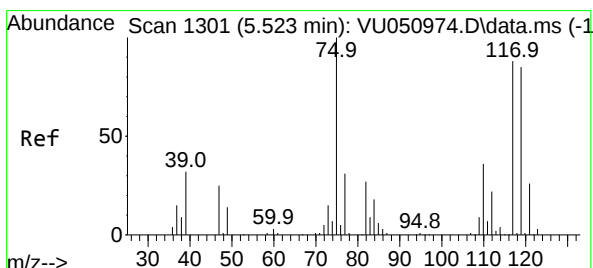
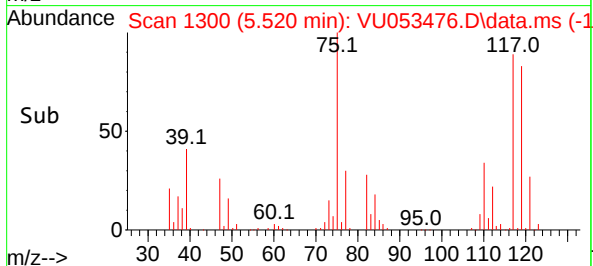
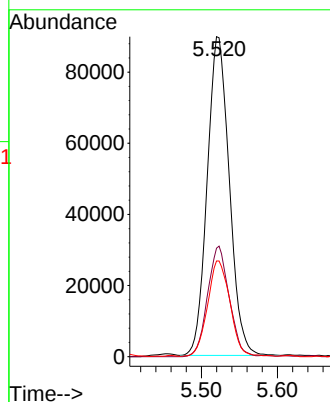
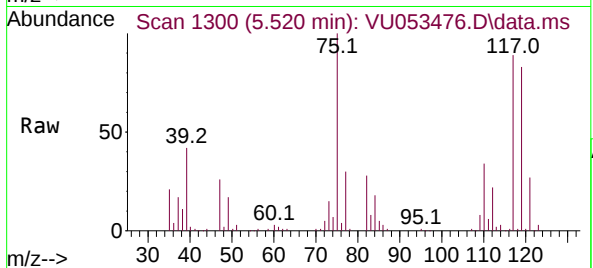
Tgt Ion: 75 Resp: 180908
Ion Ratio Lower Upper
75 100
110 33.9 18.0 54.0
77 30.1 24.7 37.1

Manual Integrations

APPROVED

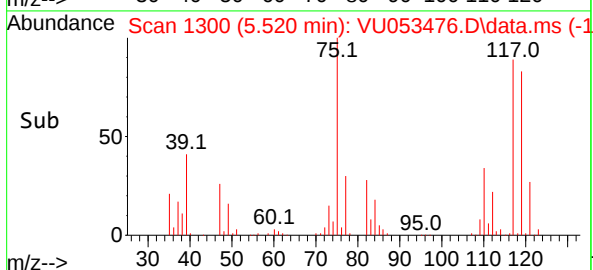
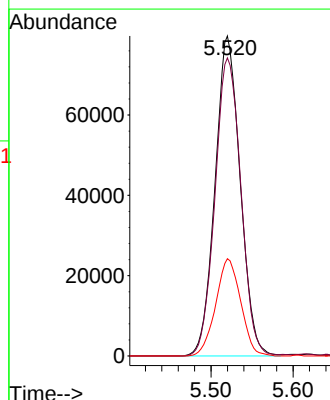
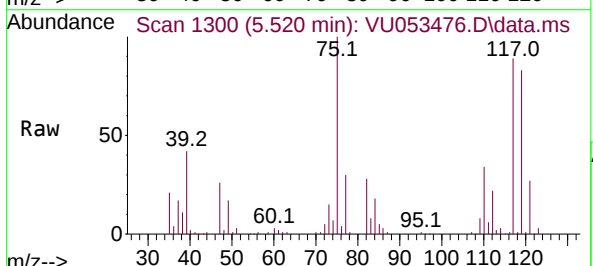
Reviewed By :Krupa Patel 04/07/2023

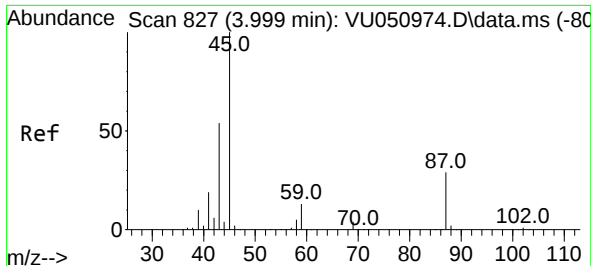
Supervised By :Mahesh Dadoda 04/07/2023



#30
Carbon Tetrachloride
Concen: 10.454 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

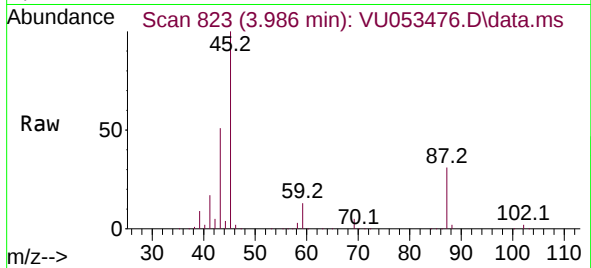
Tgt Ion:117 Resp: 169695
Ion Ratio Lower Upper
117 100
119 93.1 77.4 116.0
121 30.4 24.0 36.0





#31
Isopropyl Ether
Concen: 10.294 ug/l
RT: 3.986 min Scan# 81
Delta R.T. -0.013 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

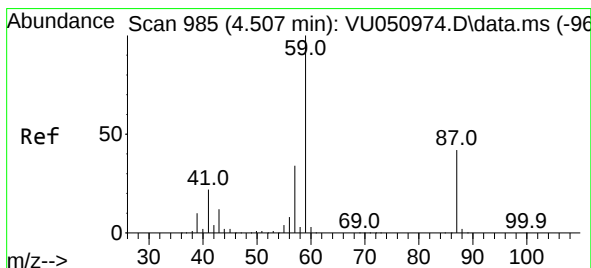
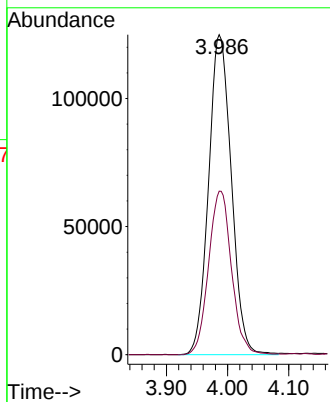
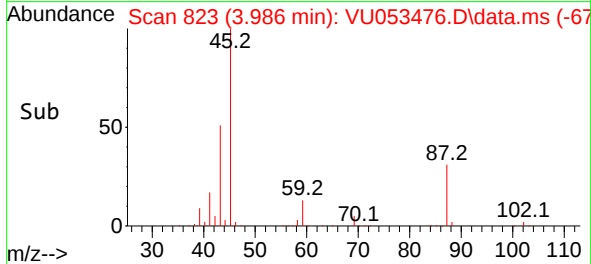
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



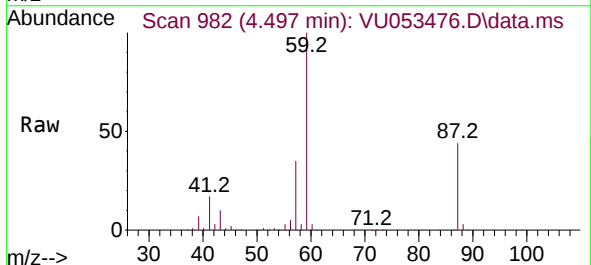
Tgt Ion: 45 Resp: 322720
Ion Ratio Lower Upper
45 100
43 51.5 27.5 82.5

Manual Integrations
APPROVED

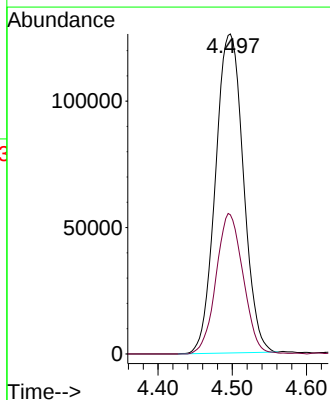
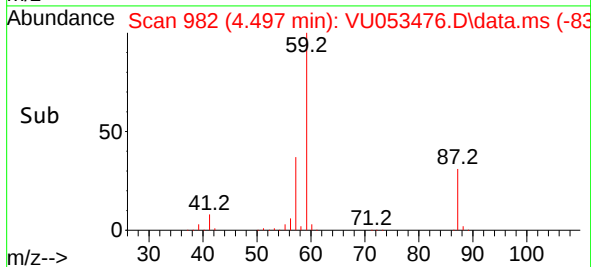
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

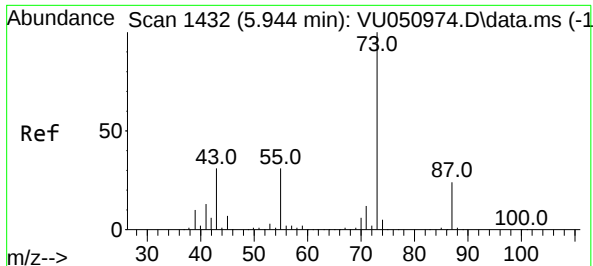


#32
Ethyl-t-butyl ether
Concen: 10.232 ug/l
RT: 4.497 min Scan# 982
Delta R.T. -0.010 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33



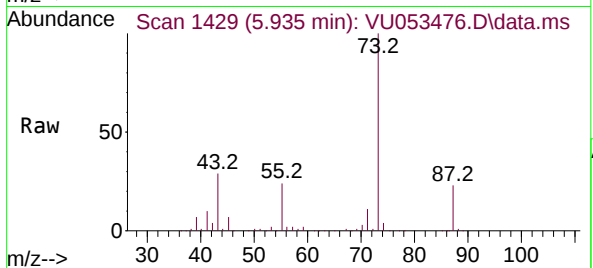
Tgt Ion: 59 Resp: 329526
Ion Ratio Lower Upper
59 100
87 42.5 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 10.413 ug/l
RT: 5.935 min Scan# 1432
Delta R.T. -0.010 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

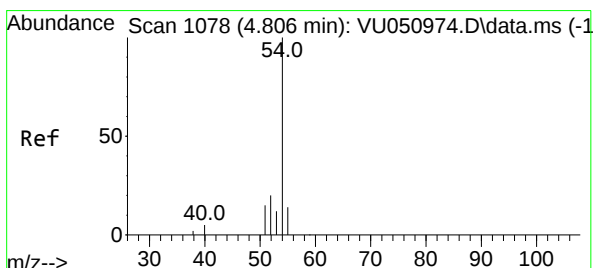
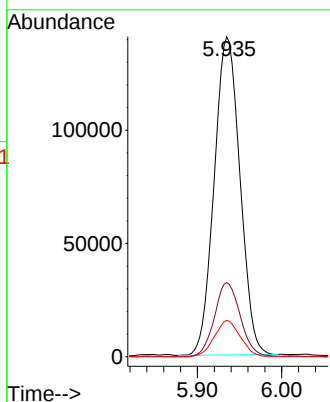
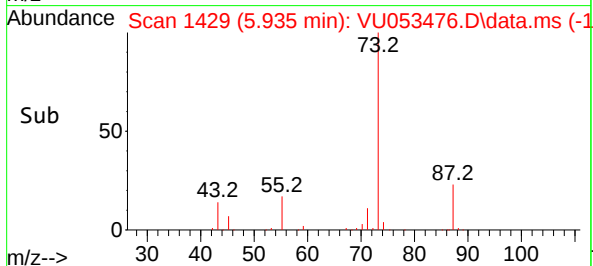
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 73 Resp: 29817
Ion Ratio Lower Upper
73 100
87 23.2 18.6 28.0
71 11.5 9.9 14.9

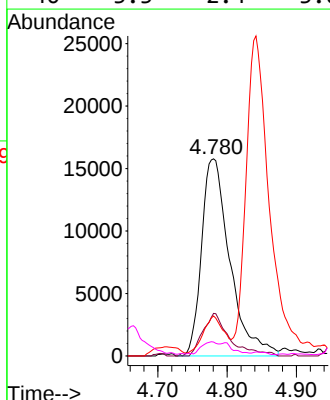
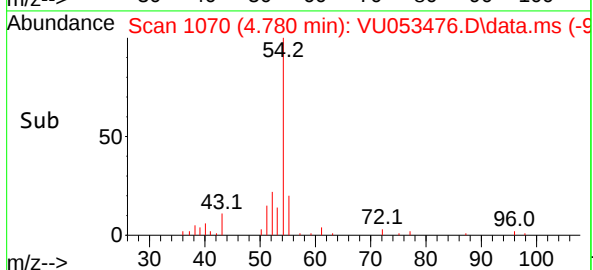
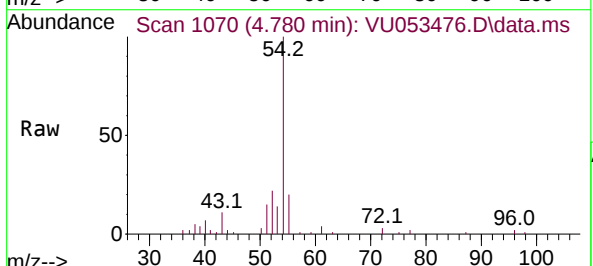
Manual Integrations
APPROVED

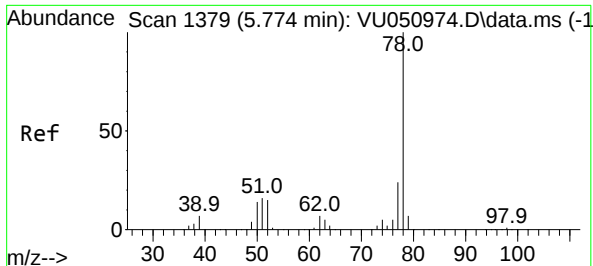
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#34
Propionitrile
Concen: 50.114 ug/l
RT: 4.780 min Scan# 1070
Delta R.T. -0.026 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

Tgt Ion: 54 Resp: 44708
Ion Ratio Lower Upper
54 100
52 20.4 17.4 26.0
55 13.6 104.1 156.1#
40 3.3 2.4 3.6





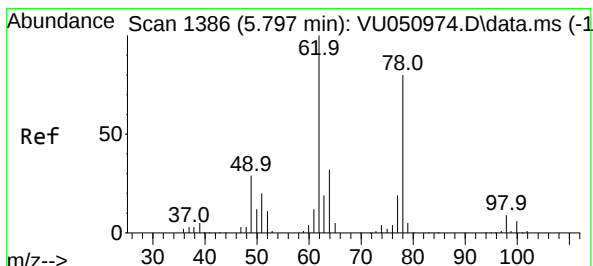
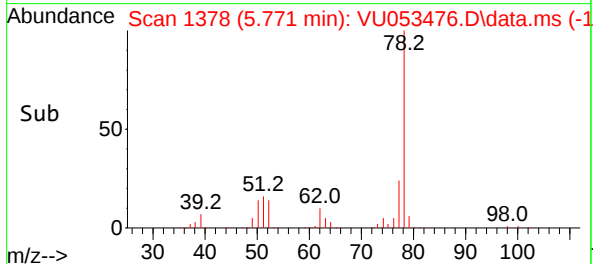
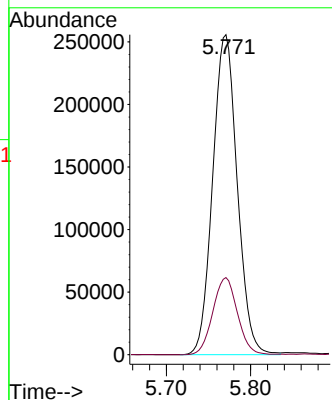
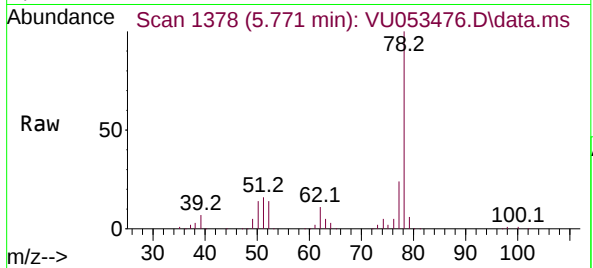
#35
Benzene
Concen: 10.011 ug/l
RT: 5.771 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 78 Resp: 516854
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3

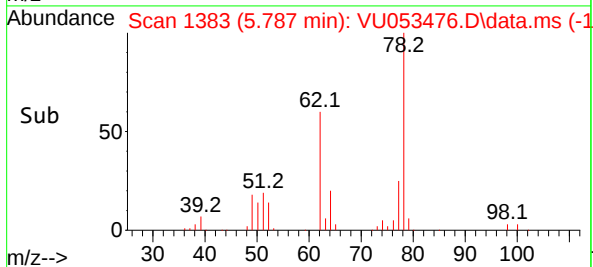
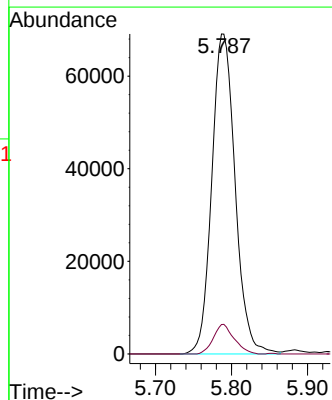
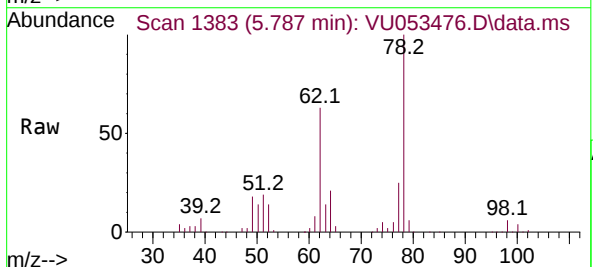
Manual Integrations
APPROVED

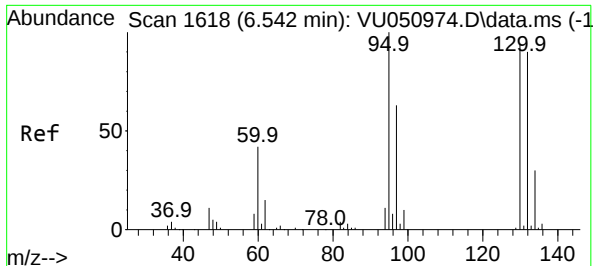
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#36
1,2-Dichloroethane
Concen: 9.940 ug/l
RT: 5.787 min Scan# 1383
Delta R.T. -0.010 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

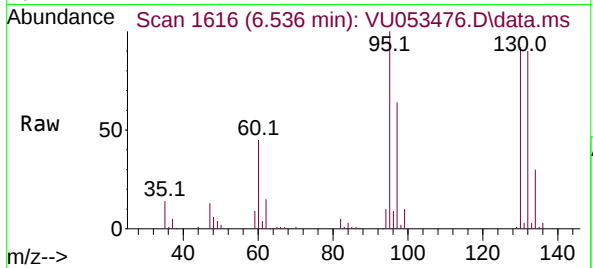
Tgt Ion: 62 Resp: 147423
Ion Ratio Lower Upper
62 100
98 8.2 7.3 10.9





#37
 Trichloroethene
 Concen: 10.228 ug/l
 RT: 6.536 min Scan# 1616
 Delta R.T. -0.007 min
 Lab File: VU053476.D
 Acq: 29 Mar 2023 20:33

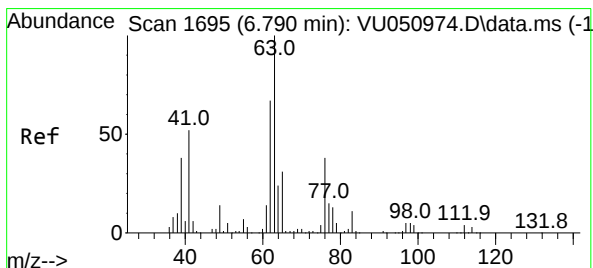
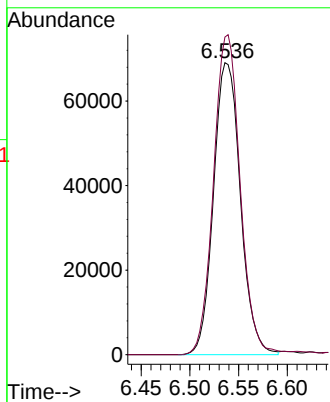
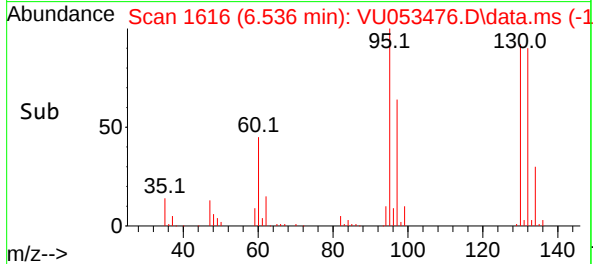
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



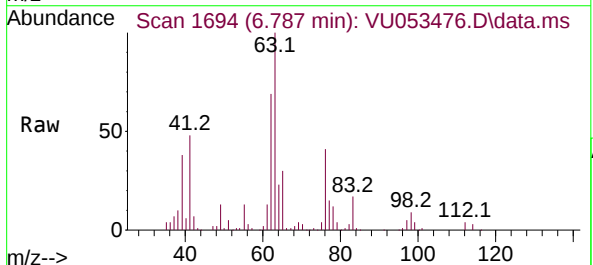
Tgt Ion:130 Resp: 132798
 Ion Ratio Lower Upper
 130 100
 95 108.8 85.0 127.6

Manual Integrations
 APPROVED

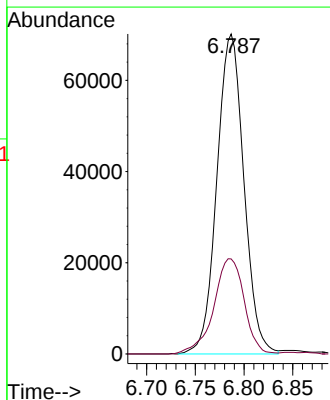
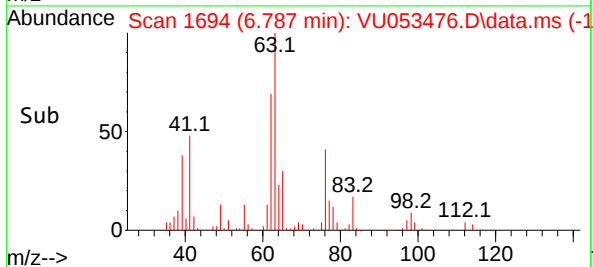
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023

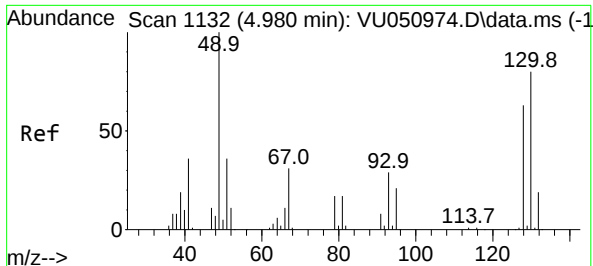


#38
 1,2-Dichloropropane
 Concen: 10.232 ug/l
 RT: 6.787 min Scan# 1694
 Delta R.T. -0.003 min
 Lab File: VU053476.D
 Acq: 29 Mar 2023 20:33



Tgt Ion: 63 Resp: 135361
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.9 37.3





#39

Methacrylonitrile

Concen: 10.339 ug/l

RT: 4.970 min Scan# 1132

Delta R.T. -0.010 min

Lab File: VU053476.D

Acq: 29 Mar 2023 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 3333

Ion Ratio Lower Upper

41 100

67 89.0 66.8 100.2

39 53.3 41.2 61.8

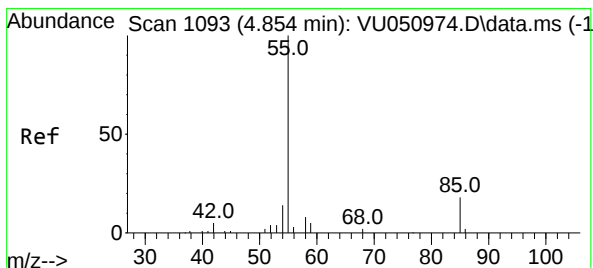
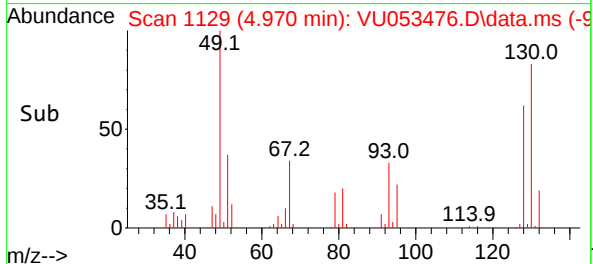
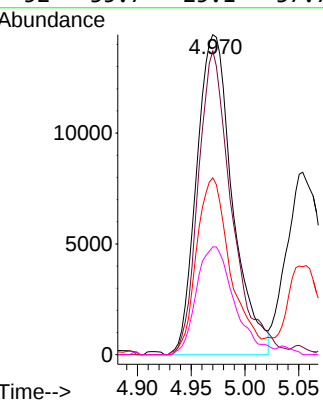
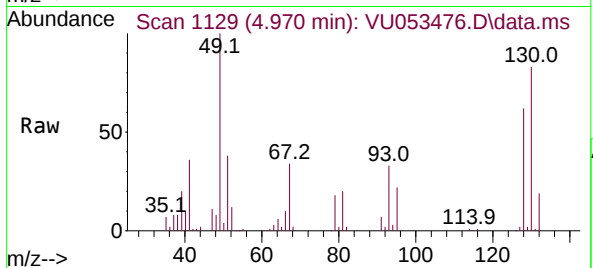
52 35.7 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#40

Methyl acrylate

Concen: 9.438 ug/l

RT: 4.841 min Scan# 1089

Delta R.T. -0.013 min

Lab File: VU053476.D

Acq: 29 Mar 2023 20:33

Tgt Ion: 55 Resp: 55172

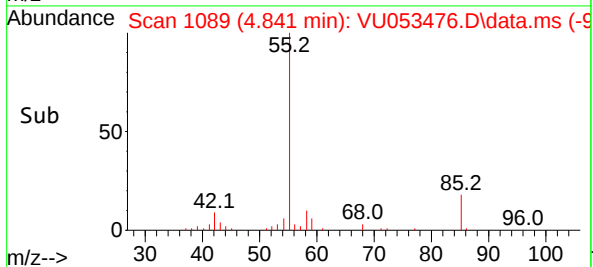
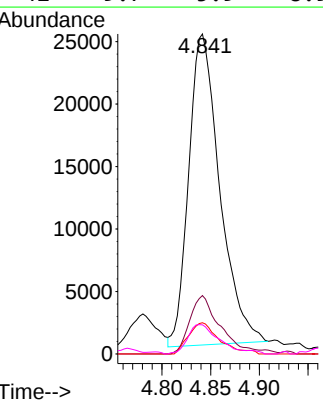
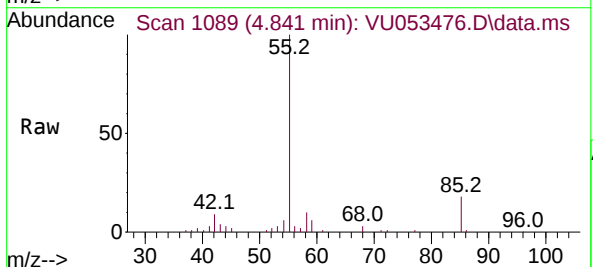
Ion Ratio Lower Upper

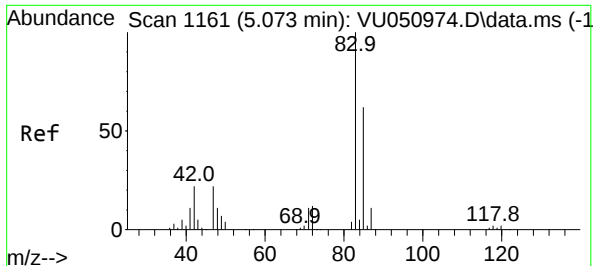
55 100

85 18.8 13.3 19.9

58 10.0 6.5 9.7#

42 9.7 5.9 8.9#





#41

Tetrahydrofuran

Concen: 21.068 ug/l

RT: 5.054 min Scan# 1155

Delta R.T. -0.019 min

Lab File: VU053476.D

Acq: 29 Mar 2023 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 42 Resp: 3546

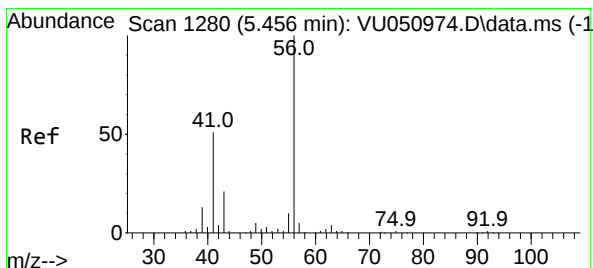
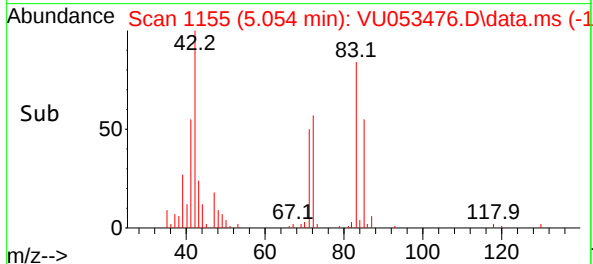
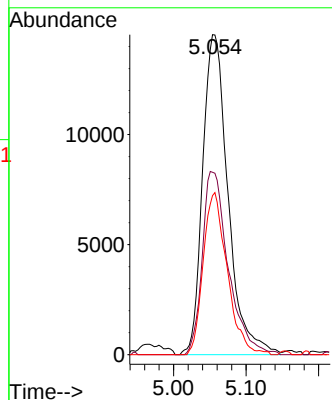
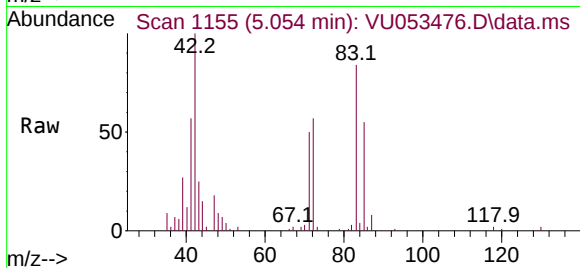
Ion	Ratio	Lower	Upper
42	100		
72	58.5	40.9	61.3
71	47.9	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#42

1-Chlorobutane

Concen: 9.933 ug/l

RT: 5.452 min Scan# 1279

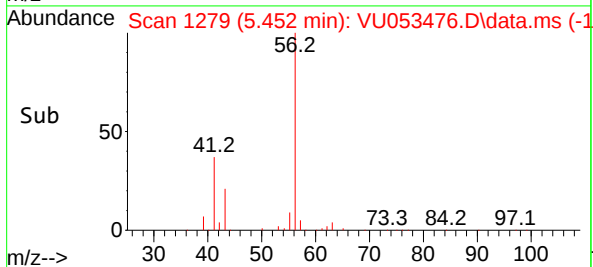
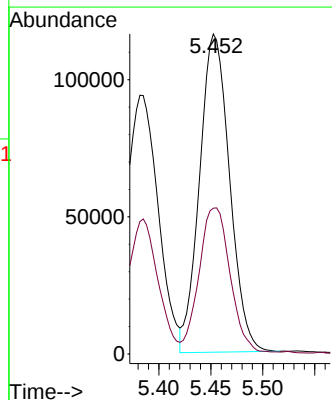
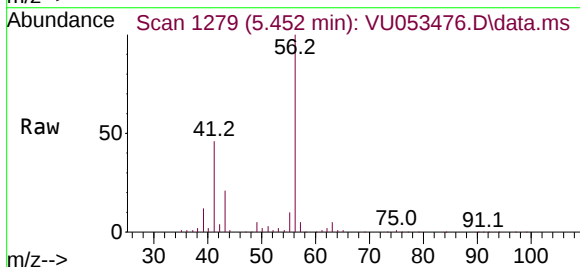
Delta R.T. -0.003 min

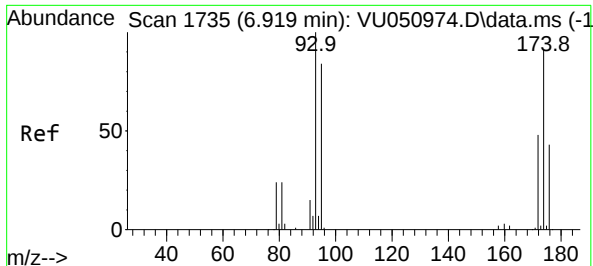
Lab File: VU053476.D

Acq: 29 Mar 2023 20:33

Tgt Ion: 56 Resp: 233155

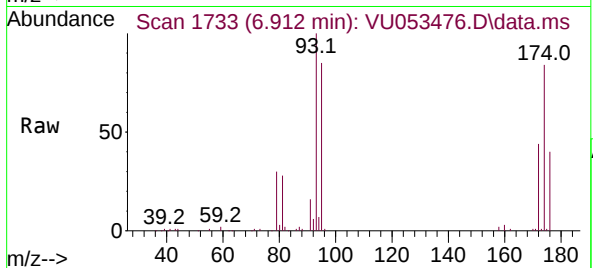
Ion	Ratio	Lower	Upper
56	100		
41	47.0	25.2	75.6





#43
Dibromomethane
Concen: 10.342 ug/l
RT: 6.912 min Scan# 1733
Delta R.T. -0.007 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

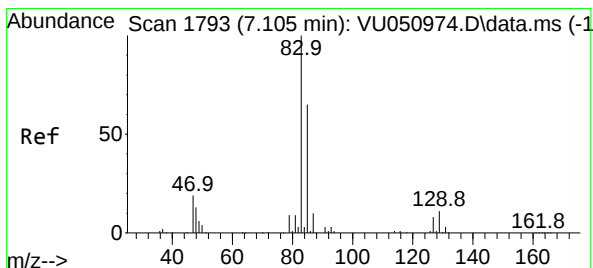
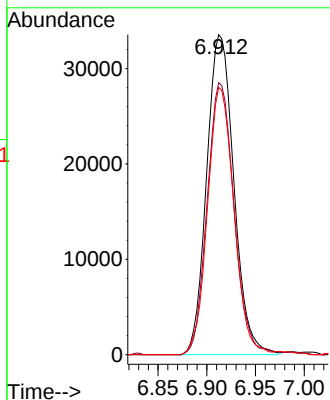
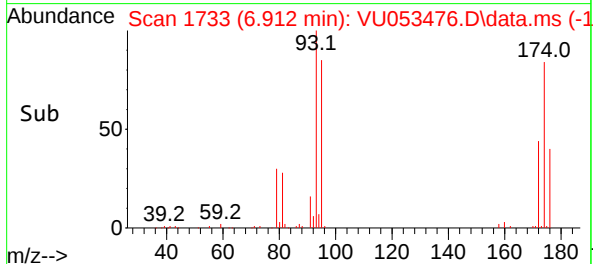
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



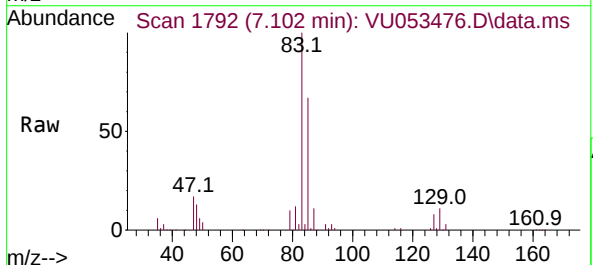
Tgt Ion: 93 Resp: 65178
Ion Ratio Lower Upper
93 100
95 84.0 67.0 100.6
174 80.9 73.8 110.6

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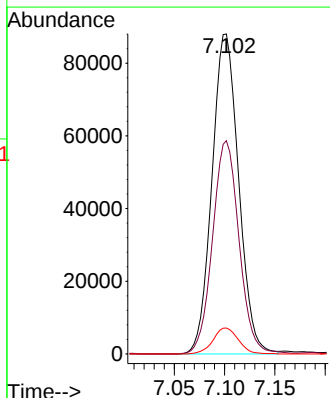
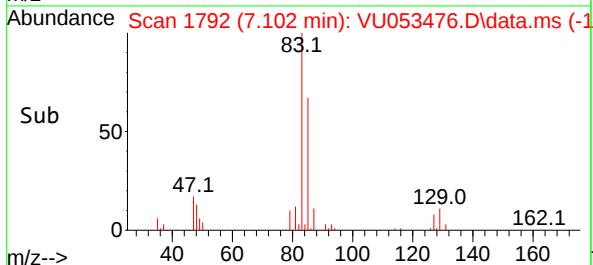
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

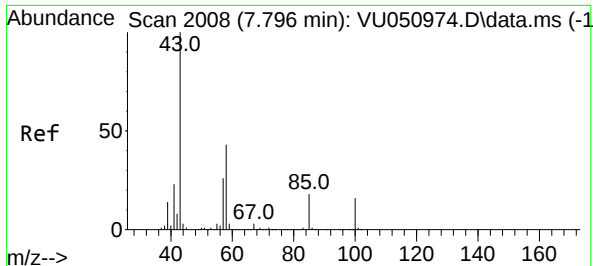


#44
Bromodichloromethane
Concen: 10.314 ug/l
RT: 7.102 min Scan# 1792
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33



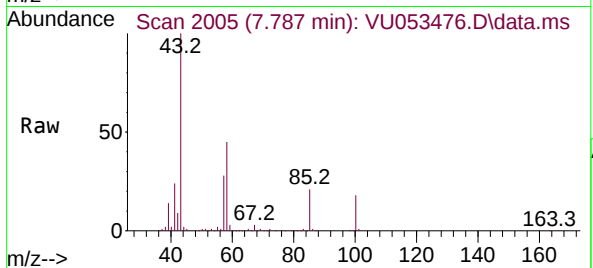
Tgt Ion: 83 Resp: 162541
Ion Ratio Lower Upper
83 100
85 66.6 51.9 77.9
127 8.1 6.7 10.1





#45
4-Methyl-2-Pentanone
Concen: 49.807 ug/l
RT: 7.787 min Scan# 2005
Delta R.T. -0.010 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

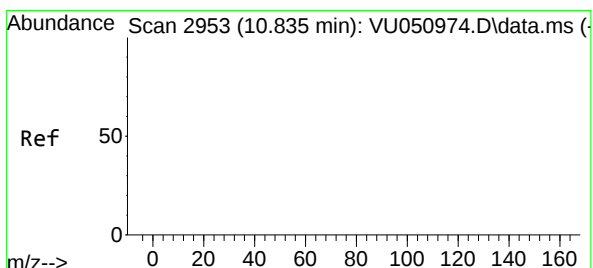
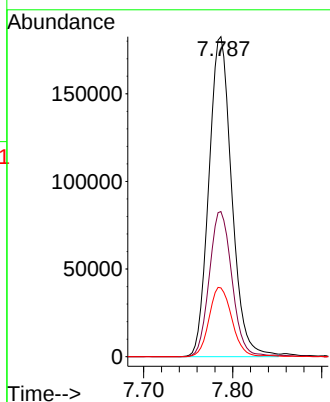
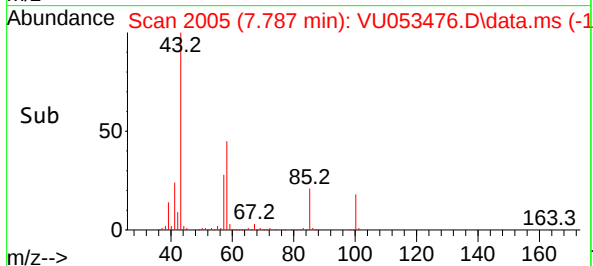
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 325598
Ion Ratio Lower Upper
43 100
58 44.9 20.9 62.8
85 21.5 14.6 21.8

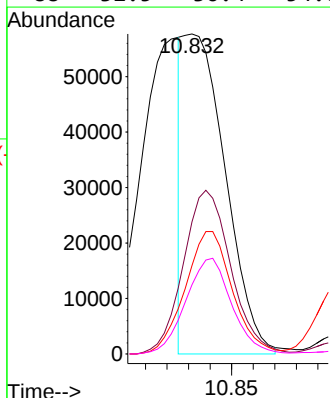
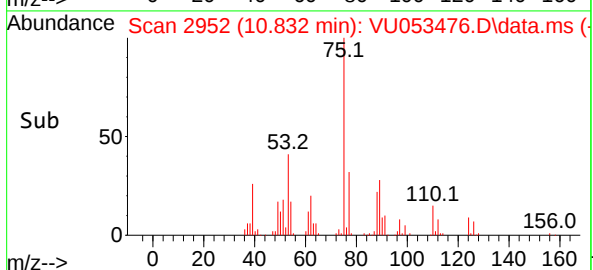
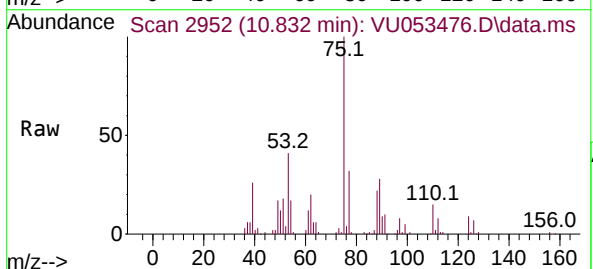
Manual Integrations
APPROVED

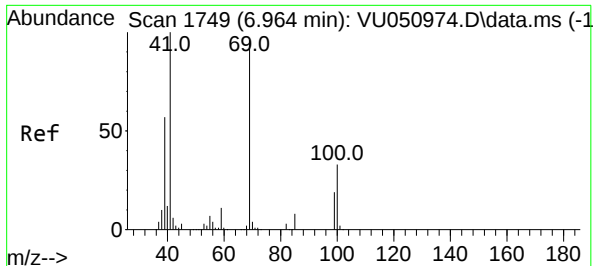
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#46
t-1,4-Dichloro-2-butene
Concen: 18.696 ug/l m
RT: 10.832 min Scan# 2952
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

Tgt Ion: 75 Resp: 78274
Ion Ratio Lower Upper
75 100
53 57.7 73.3 109.9#
89 43.0 48.2 72.4#
88 32.5 36.4 54.6#





#47

Methyl methacrylate

Concen: 21.087 ug/l

RT: 6.954 min Scan# 1746

Delta R.T. -0.010 min

Lab File: VU053476.D

Acq: 29 Mar 2023 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 69 Resp: 12218

Ion Ratio Lower Upper

69 100

41 93.4 0.0 209.2

39 56.7 46.7 70.1

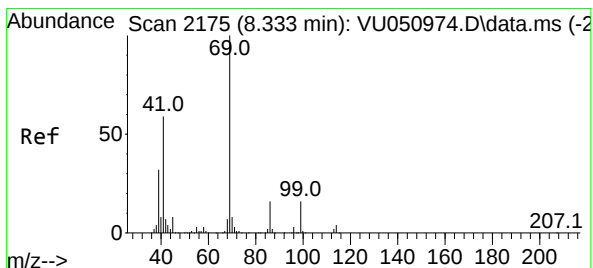
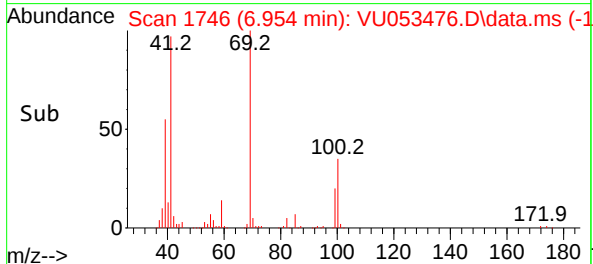
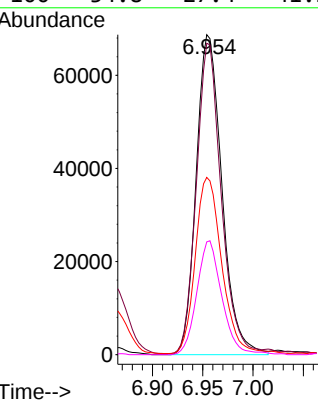
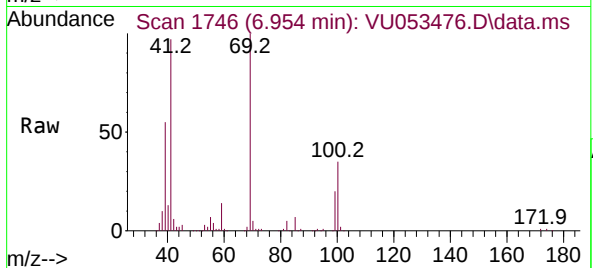
100 34.8 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#48

Ethyl methacrylate

Concen: 10.373 ug/l

RT: 8.330 min Scan# 2174

Delta R.T. -0.003 min

Lab File: VU053476.D

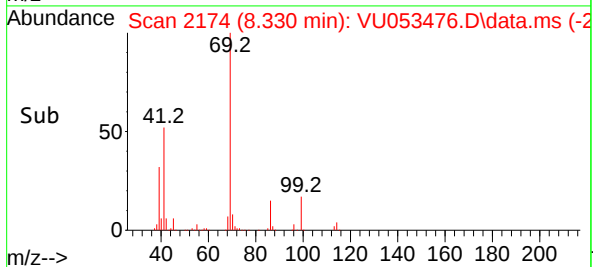
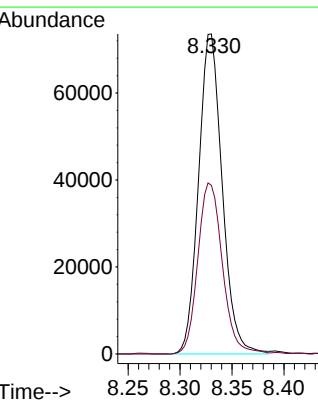
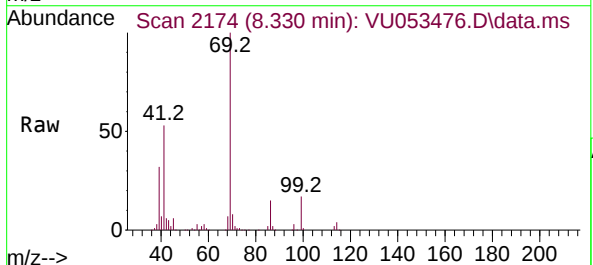
Acq: 29 Mar 2023 20:33

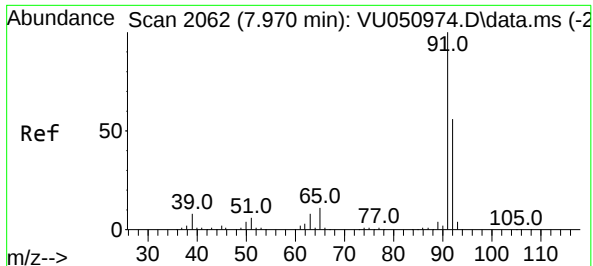
Tgt Ion: 69 Resp: 116559

Ion Ratio Lower Upper

69 100

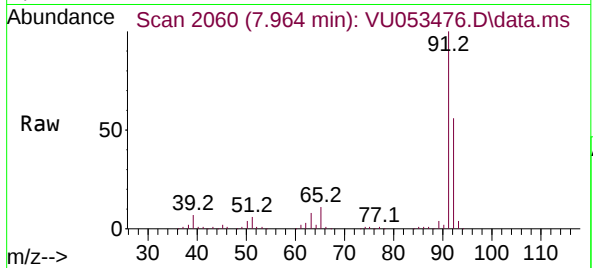
41 55.4 30.3 90.8





#49
Toluene
Concen: 10.229 ug/l
RT: 7.964 min Scan# 2060
Delta R.T. -0.007 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

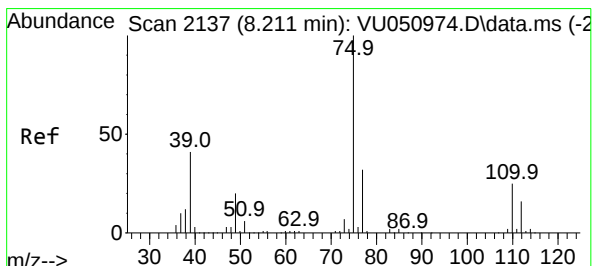
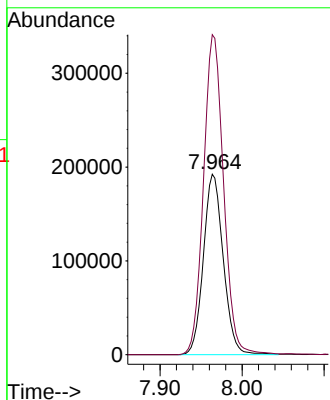
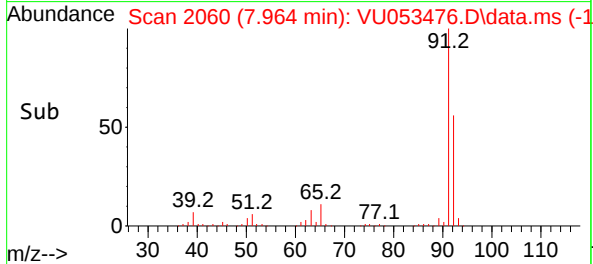
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 92 Resp: 323659
Ion Ratio Lower Upper
92 100
91 179.0 143.0 214.6

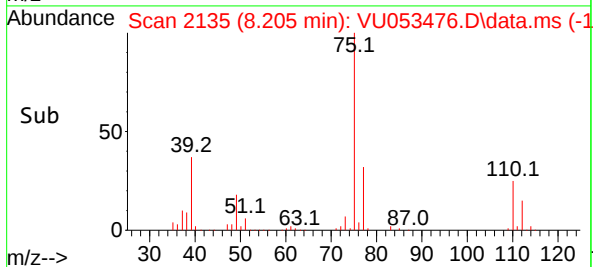
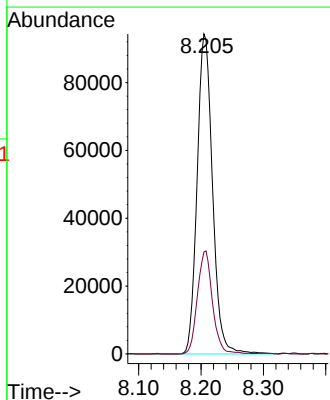
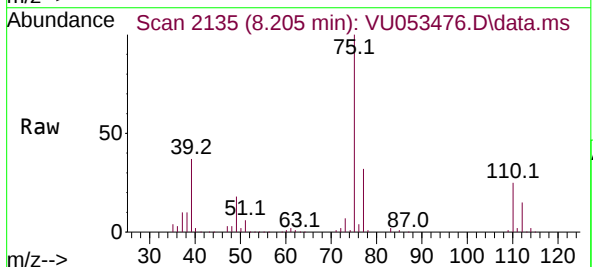
Manual Integrations
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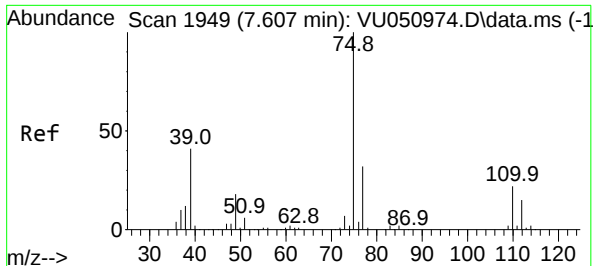
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#50
t-1,3-Dichloropropene
Concen: 11.095 ug/l
RT: 8.205 min Scan# 2135
Delta R.T. -0.007 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

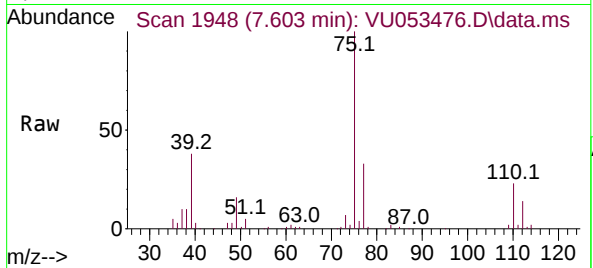
Tgt Ion: 75 Resp: 161955
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 10.740 ug/l
 RT: 7.603 min Scan# 1948
 Delta R.T. -0.003 min
 Lab File: VU053476.D
 Acq: 29 Mar 2023 20:33

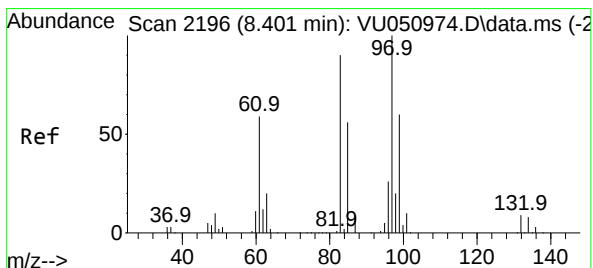
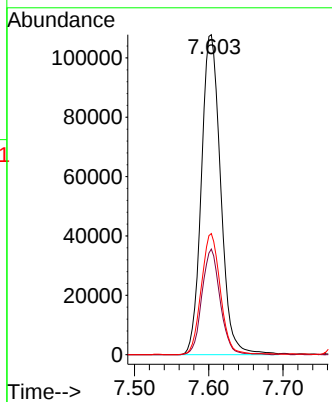
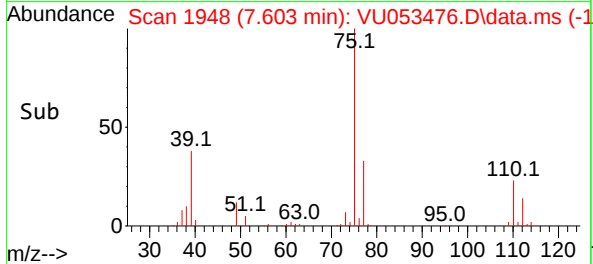
Instrument : MSVOA_U
 ClientSampleId : VSTDCCC010EC



Tgt Ion: 75 Resp: 19416
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.7 38.5
 39 37.9 32.8 49.2

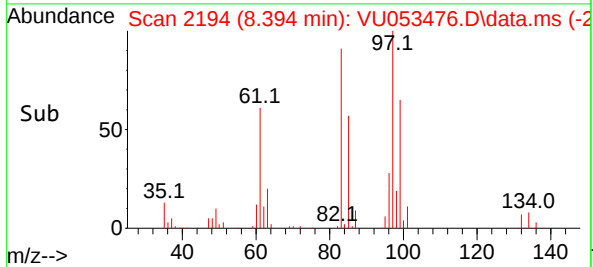
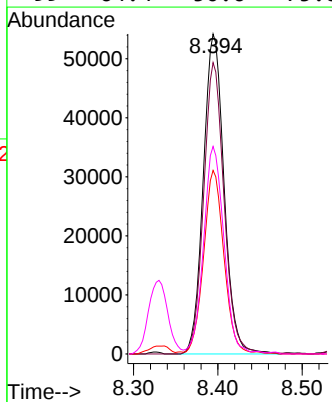
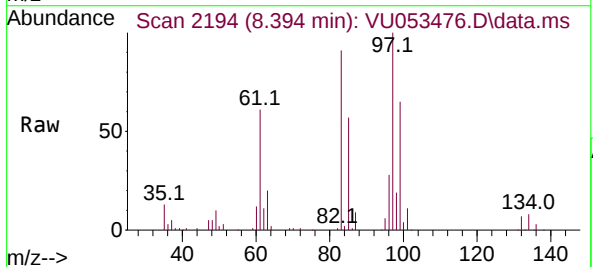
Manual Integrations
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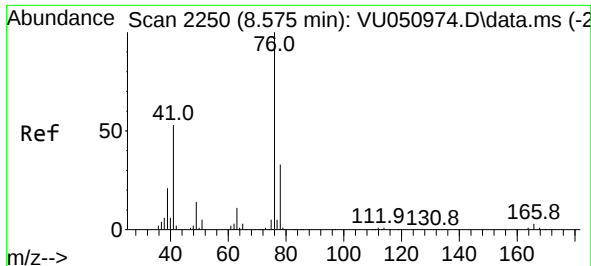
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023



#52
 1,1,2-Trichloroethane
 Concen: 10.175 ug/l
 RT: 8.394 min Scan# 2194
 Delta R.T. -0.007 min
 Lab File: VU053476.D
 Acq: 29 Mar 2023 20:33

Tgt Ion: 97 Resp: 92984
 Ion Ratio Lower Upper
 97 100
 83 91.0 71.8 107.8
 85 57.2 45.2 67.8
 99 64.4 50.6 75.8





#53

1,3-Dichloropropane

Concen: 10.193 ug/l

RT: 8.571 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU053476.D

Acq: 29 Mar 2023 20:33

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 76 Resp: 160672

Ion Ratio Lower Upper

76 100

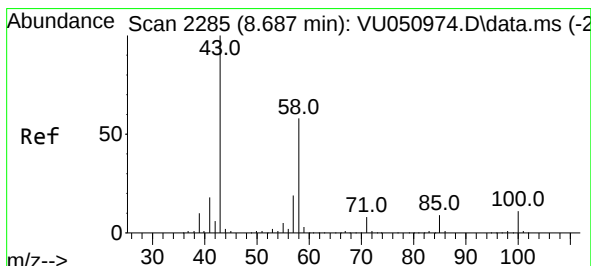
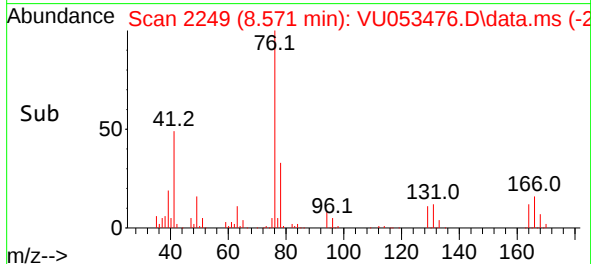
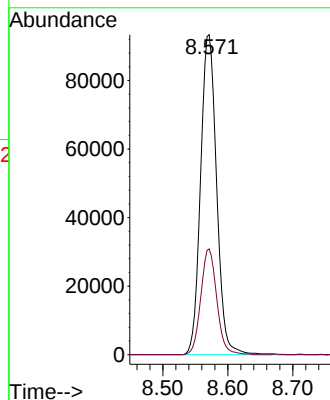
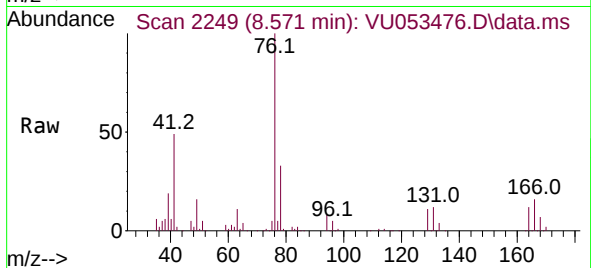
78 32.8 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#54

2-Hexanone

Concen: 33.994 ug/l

RT: 8.681 min Scan# 2283

Delta R.T. -0.007 min

Lab File: VU053476.D

Acq: 29 Mar 2023 20:33

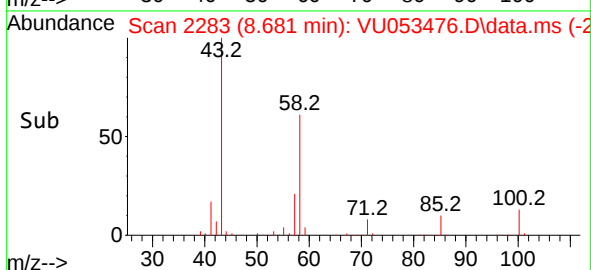
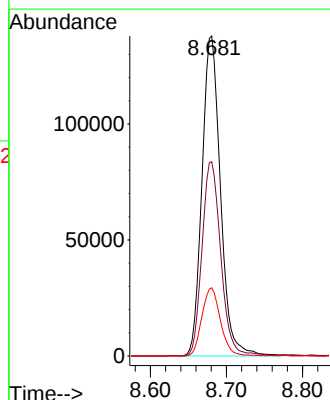
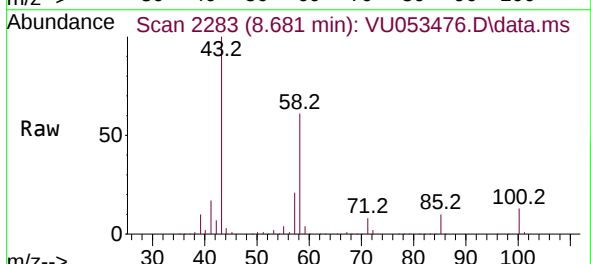
Tgt Ion: 43 Resp: 233152

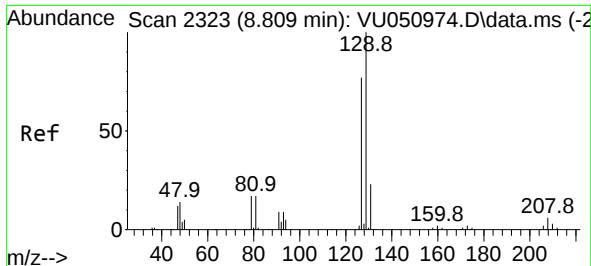
Ion Ratio Lower Upper

43 100

58 61.5 38.2 78.2

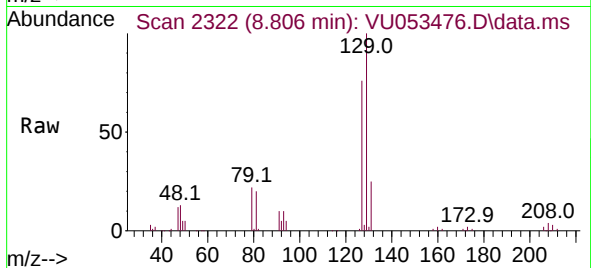
57 21.4 0.0 39.1





#55
Dibromochloromethane
Concen: 10.802 ug/l
RT: 8.806 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

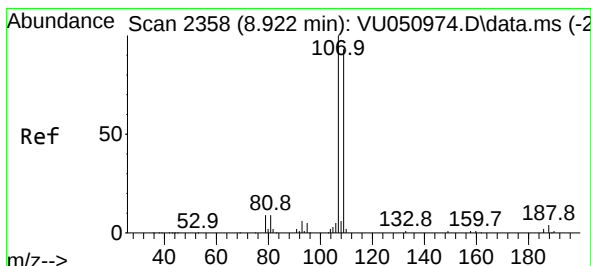
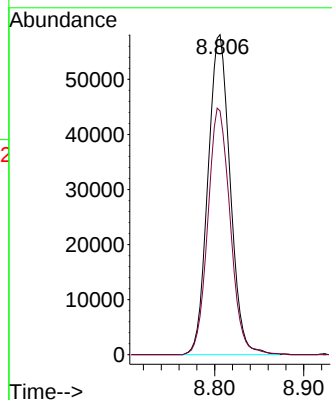
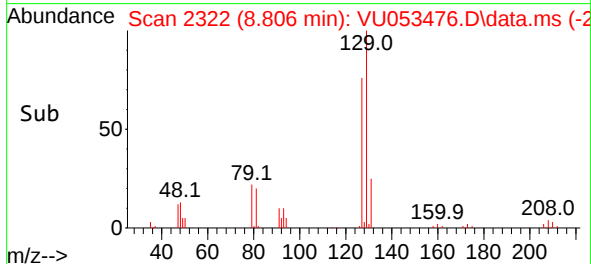
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:129 Resp: 100489
Ion Ratio Lower Upper
129 100
127 77.9 61.4 92.0

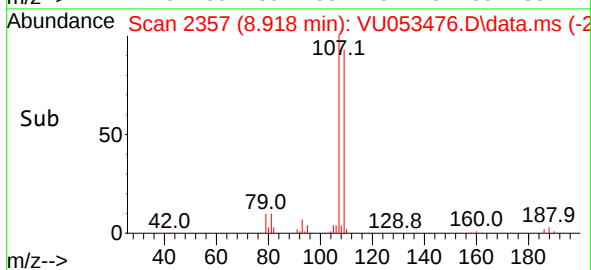
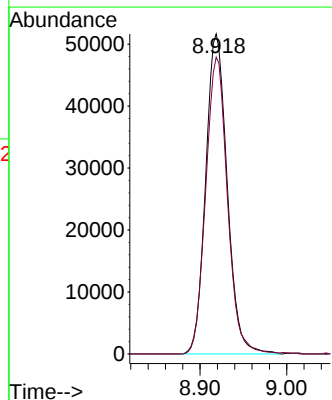
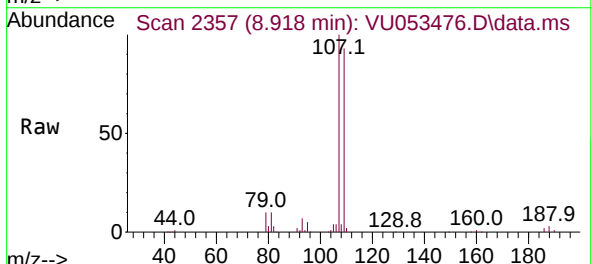
Manual Integrations
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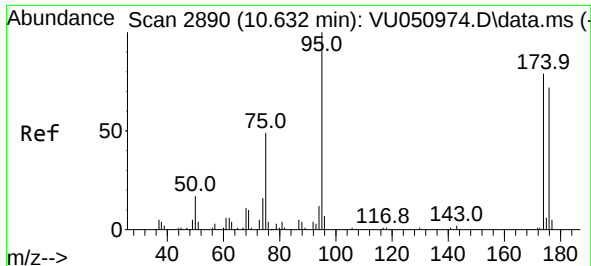
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#56
1,2-Dibromoethane
Concen: 10.590 ug/l
RT: 8.918 min Scan# 2357
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

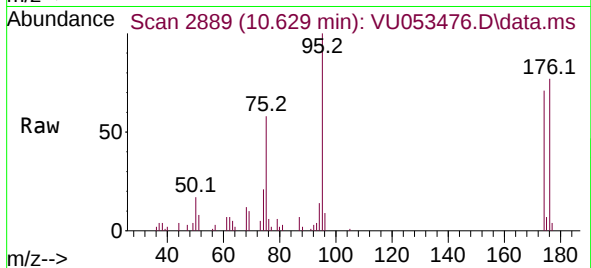
Tgt Ion:107 Resp: 89160
Ion Ratio Lower Upper
107 100
109 93.4 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.972 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

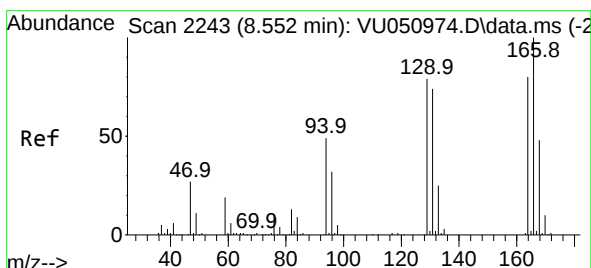
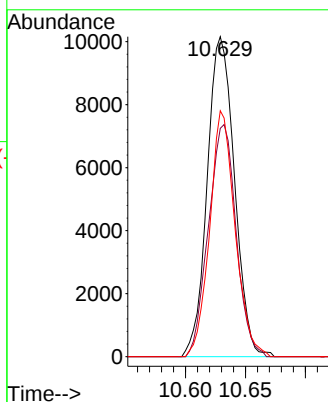
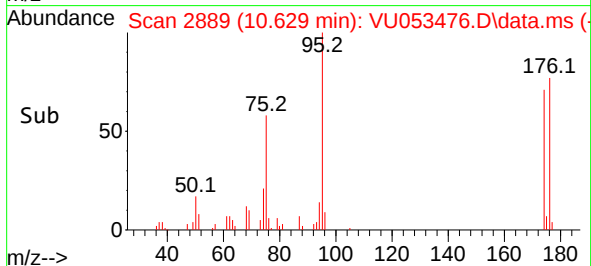
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 95 Resp: 1605
Ion Ratio Lower Upper
95 100
174 73.4 63.3 94.9
176 71.6 59.3 88.9

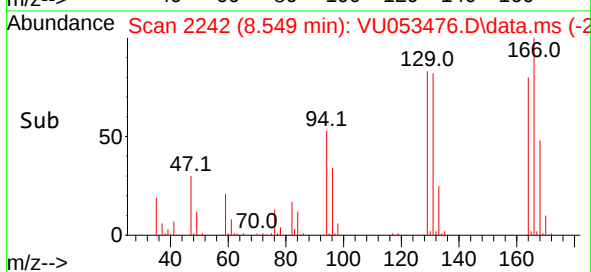
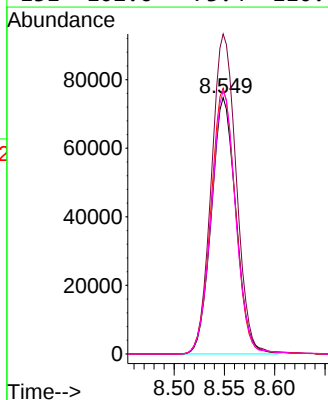
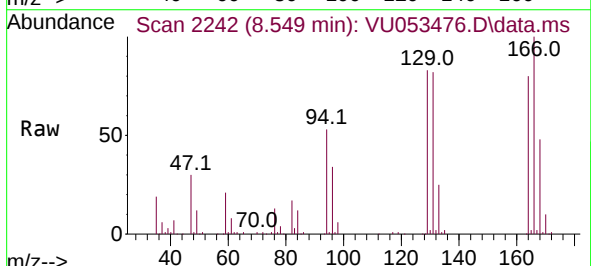
Manual Integrations
APPROVED

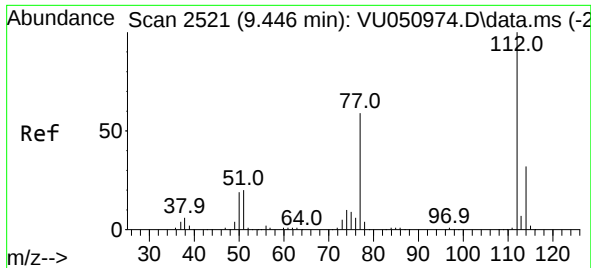
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#58
Tetrachloroethene
Concen: 10.407 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

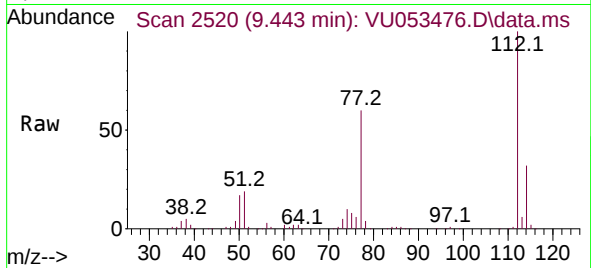
Tgt Ion:164 Resp: 126362
Ion Ratio Lower Upper
164 100
166 124.8 99.6 149.4
129 103.6 78.6 117.8
131 102.6 73.4 110.0





#59
Chlorobenzene
Concen: 10.147 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

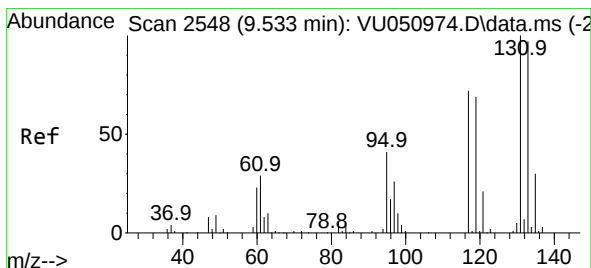
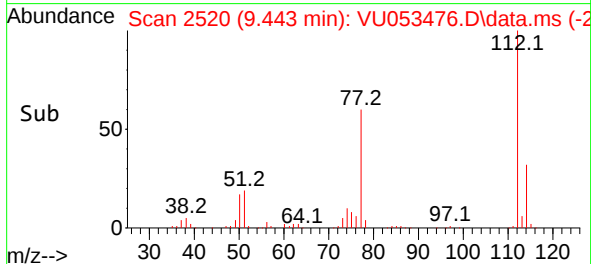
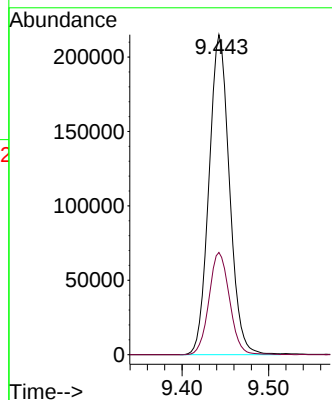
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 35349
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4

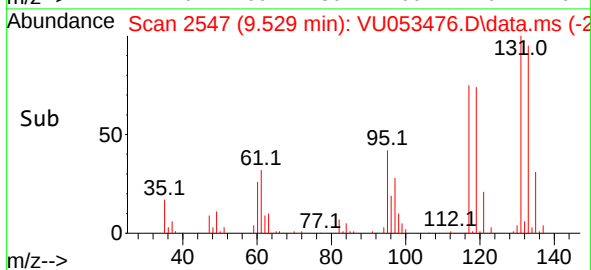
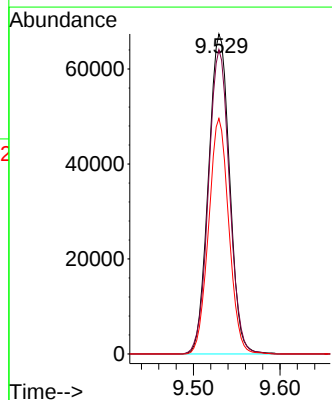
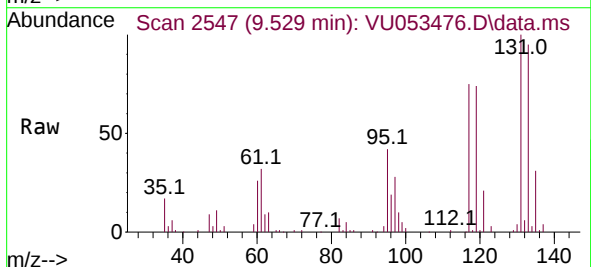
Manual Integrations
APPROVED

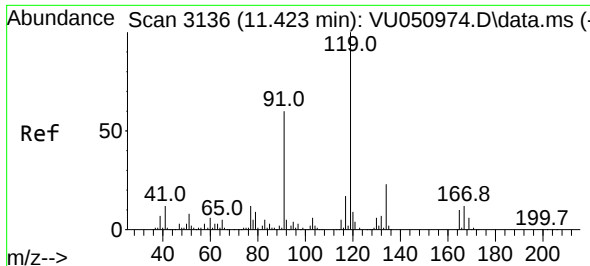
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 10.782 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

Tgt Ion:131 Resp: 114167
Ion Ratio Lower Upper
131 100
133 94.6 77.8 116.6
119 70.5 55.2 82.8





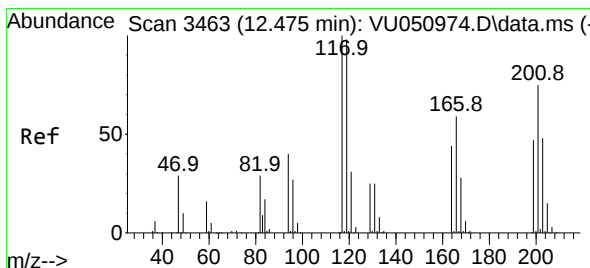
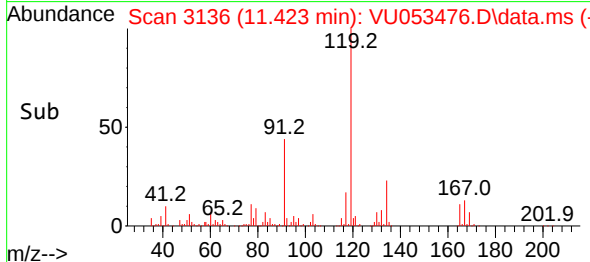
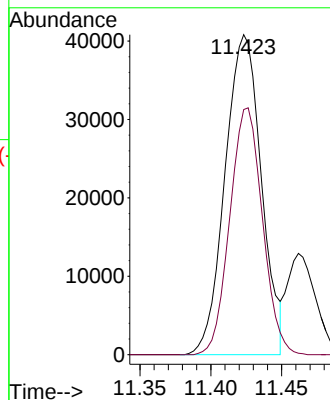
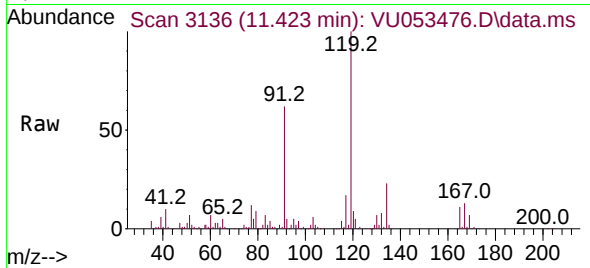
#61
Pentachloroethane
Concen: 9.794 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 7286
Ion Ratio Lower Upper
117 100
167 69.4 56.7 85.1

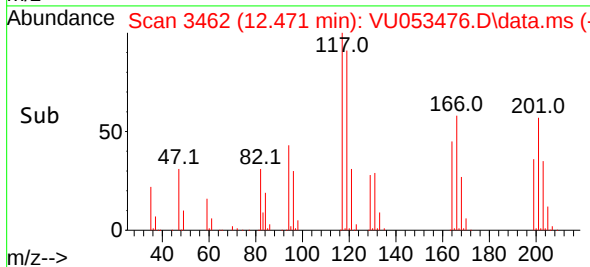
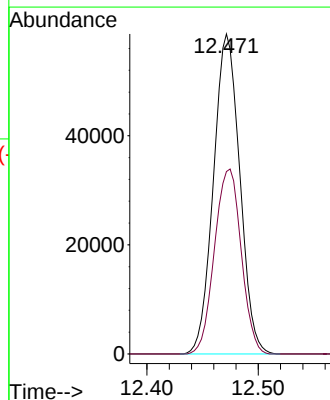
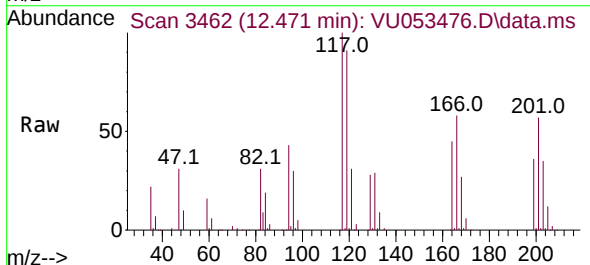
Manual Integrations
APPROVED

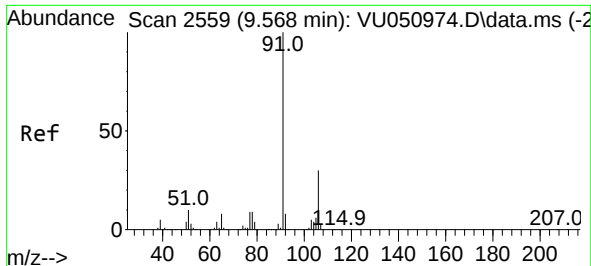
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#62
Hexachloroethane
Concen: 9.365 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. -0.004 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

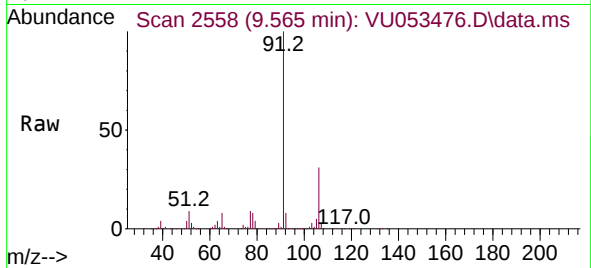
Tgt Ion:117 Resp: 96228
Ion Ratio Lower Upper
117 100
201 58.6 59.6 89.4#





#63
Ethyl Benzene
Concen: 10.540 ug/l
RT: 9.565 min Scan# 2558
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

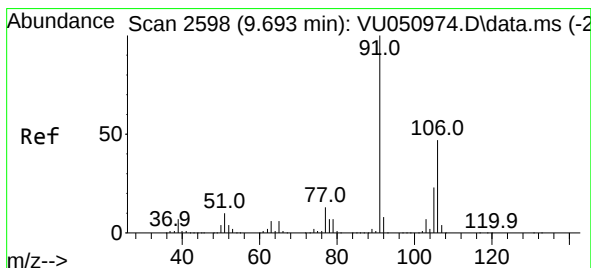
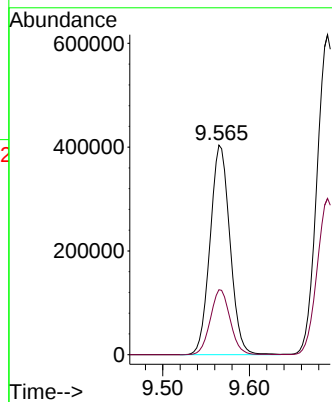
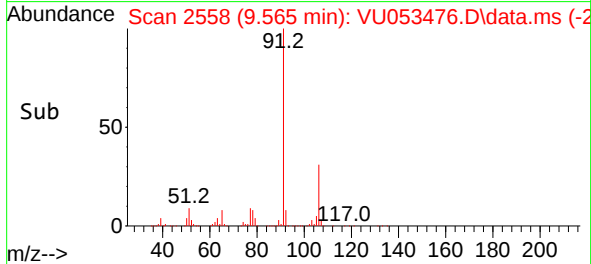
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



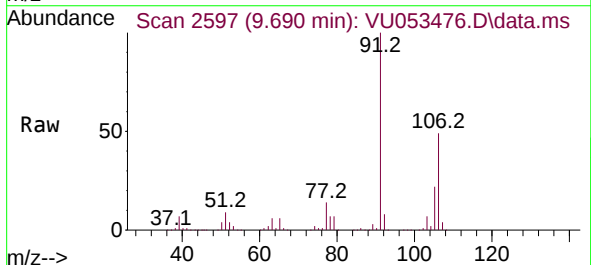
Tgt Ion: 91 Resp: 64396
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.2

Manual Integrations
APPROVED

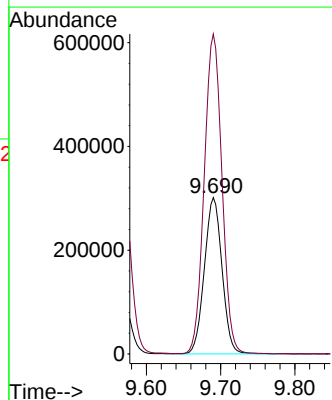
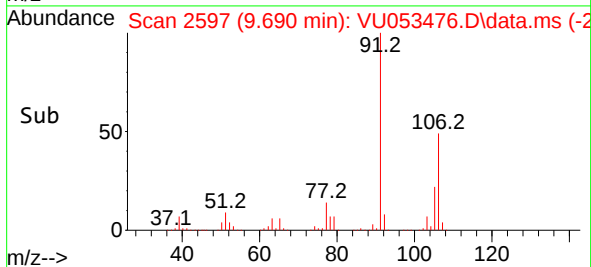
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

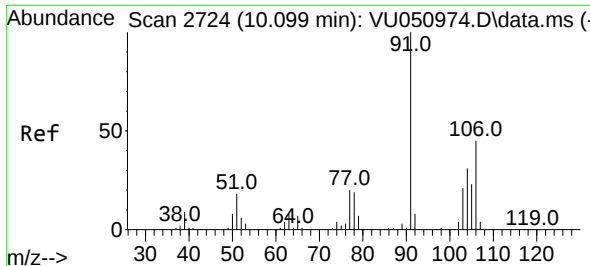


#64
m/p-Xylenes
Concen: 21.215 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33



Tgt Ion:106 Resp: 495557
Ion Ratio Lower Upper
106 100
91 205.8 167.3 250.9





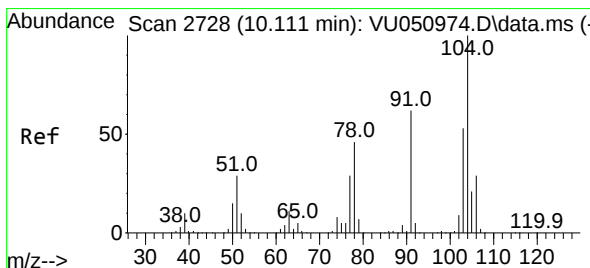
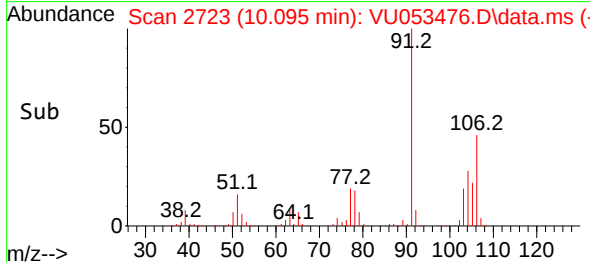
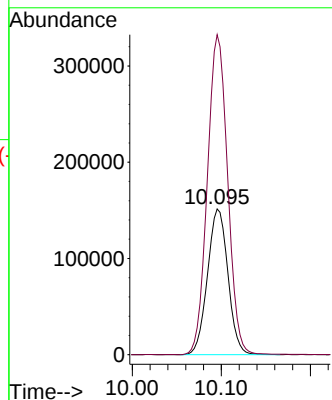
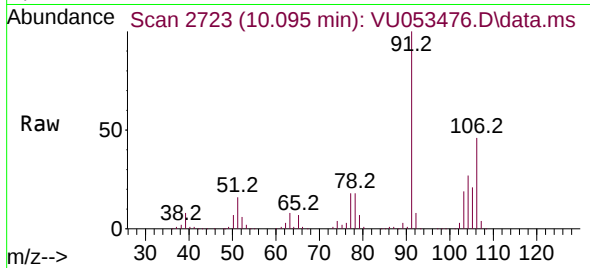
#65
o-Xylene
Concen: 10.552 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. -0.004 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:106 Resp: 241210
Ion Ratio Lower Upper
106 100
91 217.9 109.3 327.9

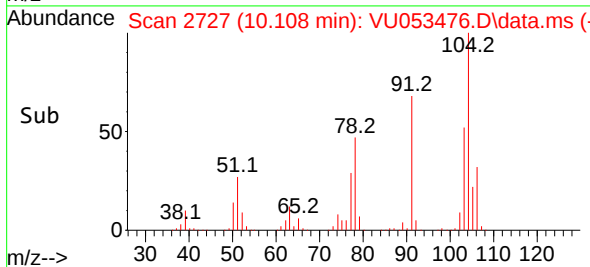
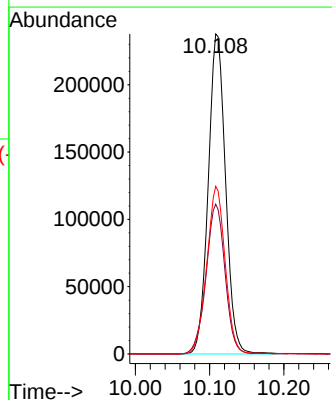
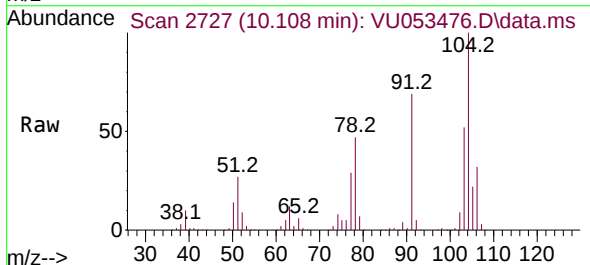
Manual Integrations
APPROVED

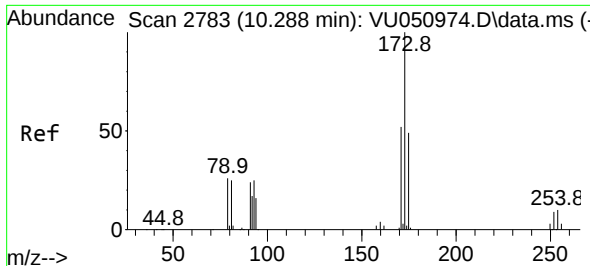
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#66
Styrene
Concen: 10.954 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

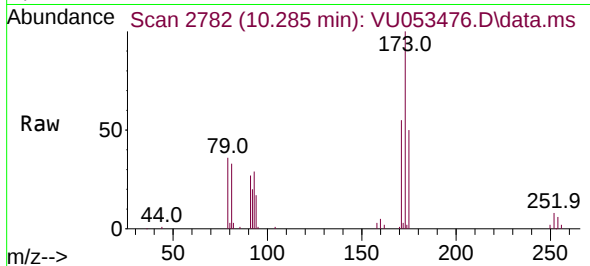
Tgt Ion:104 Resp: 385000
Ion Ratio Lower Upper
104 100
78 51.0 39.7 59.5
103 55.8 44.8 67.2





#67
Bromoform
Concen: 9.098 ug/l
RT: 10.285 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

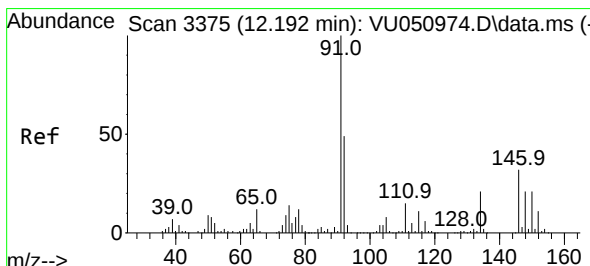
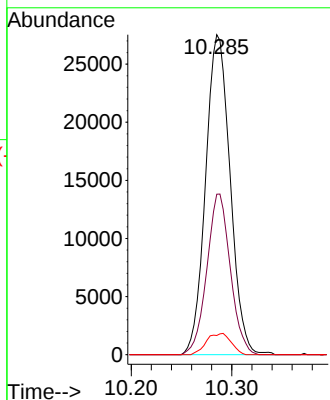
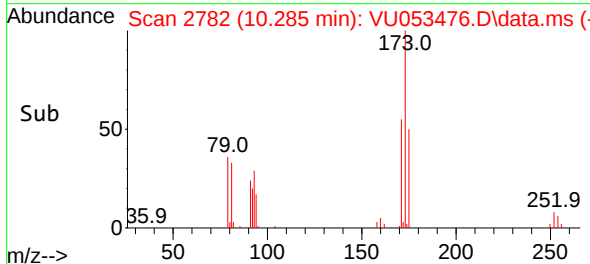
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



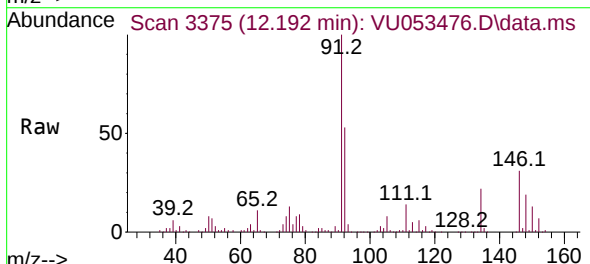
Tgt Ion:173 Resp: 4664
Ion Ratio Lower Upper
173 100
175 48.0 39.0 58.6
254 6.7 7.4 11.0

Manual Integrations
APPROVED

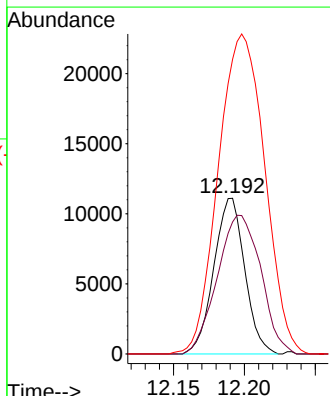
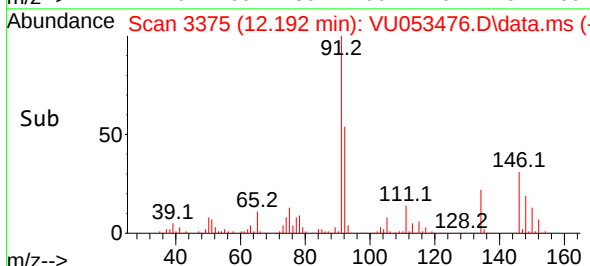
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

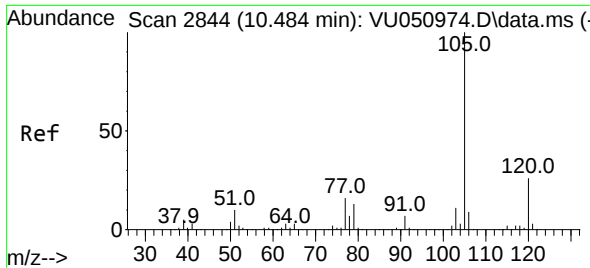


#68
1,2-Dichlorobenzene-d4
Concen: 1.020 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. -0.000 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33



Tgt Ion:152 Resp: 16910
Ion Ratio Lower Upper
152 100
115 124.8 0.0 308.8
150 308.2 0.0 635.0





#69
Isopropylbenzene
Concen: 10.545 ug/l
RT: 10.481 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

Instrument :

MSVOA_U

ClientSampleId :

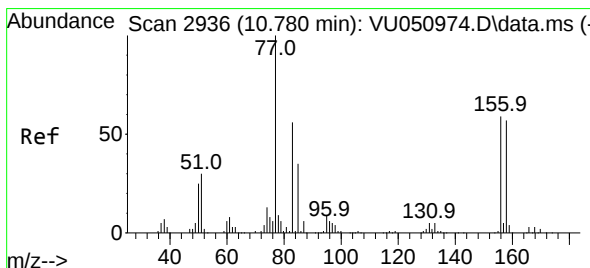
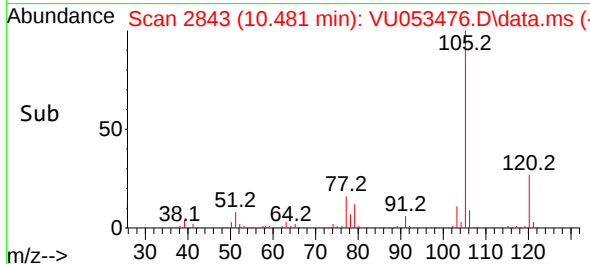
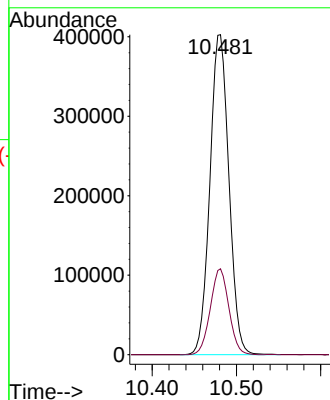
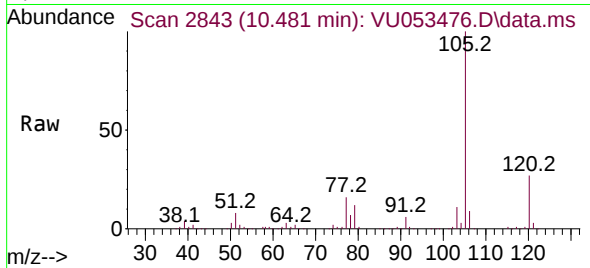
VSTDCCC010EC

Tgt Ion:105 Resp: 63118
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.4

Manual Integrations

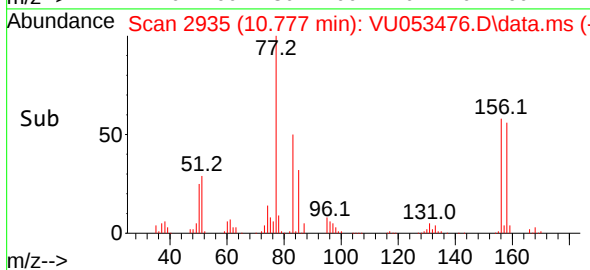
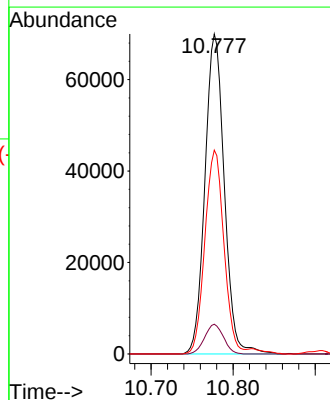
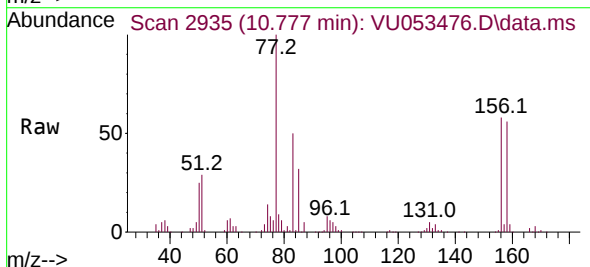
APPROVED

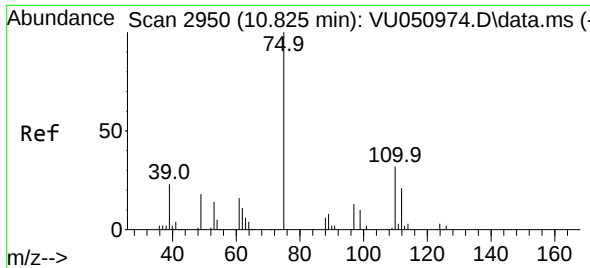
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 10.414 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

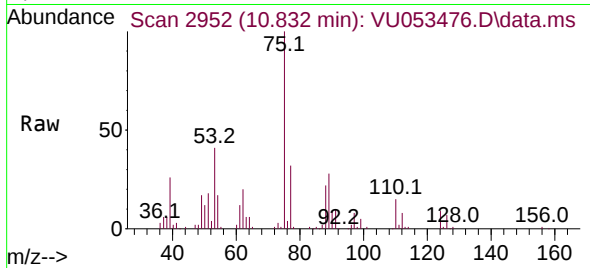
Tgt Ion: 83 Resp: 114557
Ion Ratio Lower Upper
83 100
131 9.0 7.2 10.8
85 62.6 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 11.366 ug/l m
RT: 10.832 min Scan# 2950
Delta R.T. 0.007 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

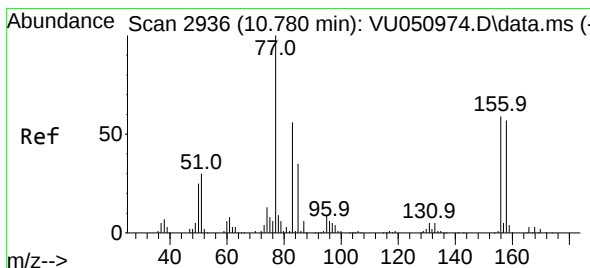
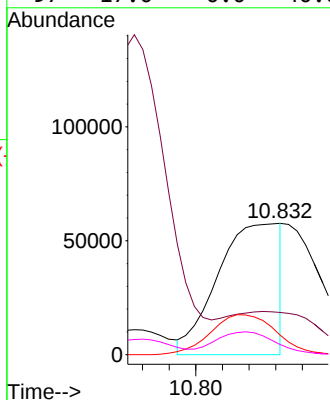
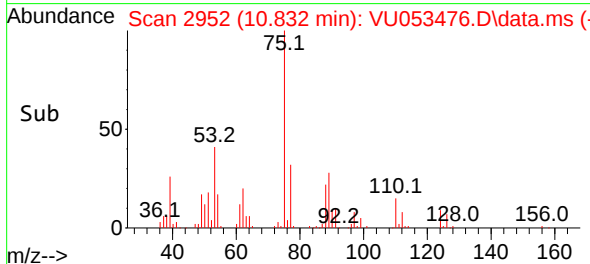
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



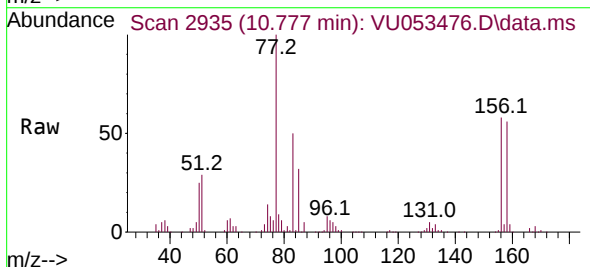
Tgt Ion: 75 Resp: 94411
Ion Ratio Lower Upper
75 100
77 0.0 0.0 116.4
110 32.0 0.0 74.6
97 17.0 0.0 40.0

Manual Integrations
APPROVED

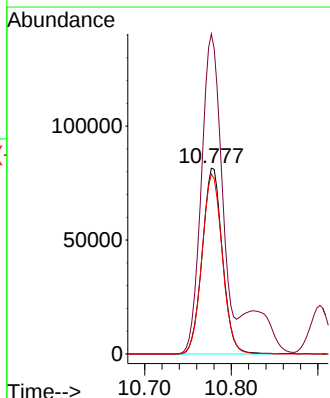
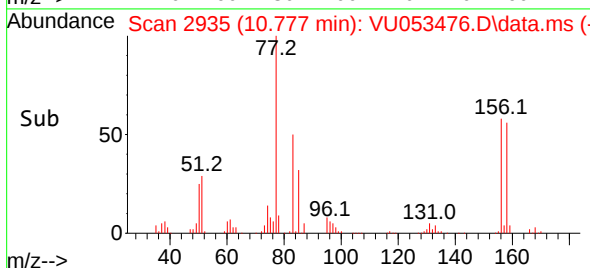
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

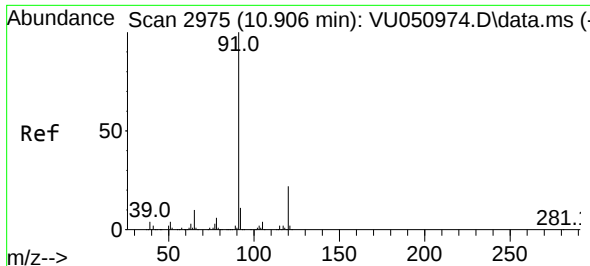


#72
Bromobenzene
Concen: 10.535 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33



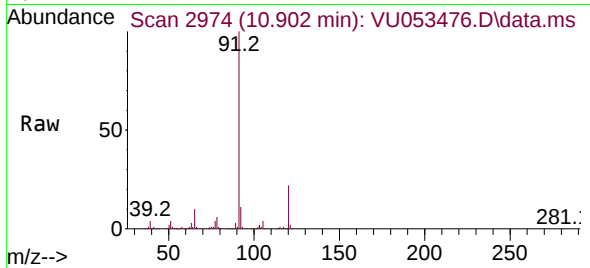
Tgt Ion:156 Resp: 132111
Ion Ratio Lower Upper
156 100
77 174.9 0.0 343.0
158 97.3 0.0 194.8





#73
n-propylbenzene
Concen: 11.240 ug/l
RT: 10.902 min Scan# 2975
Delta R.T. -0.004 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

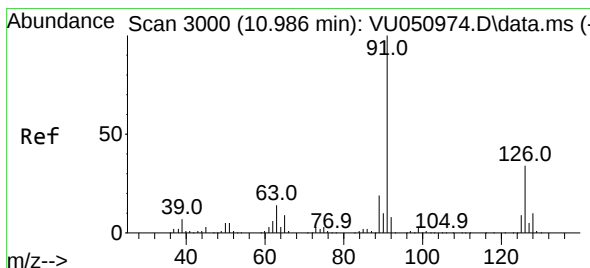
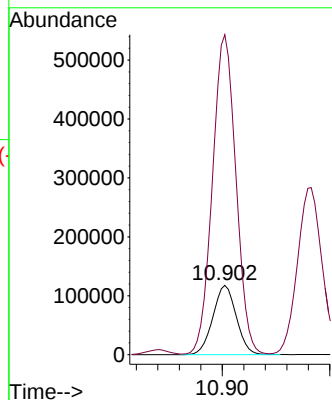
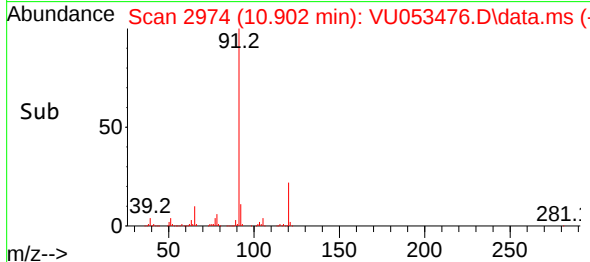
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



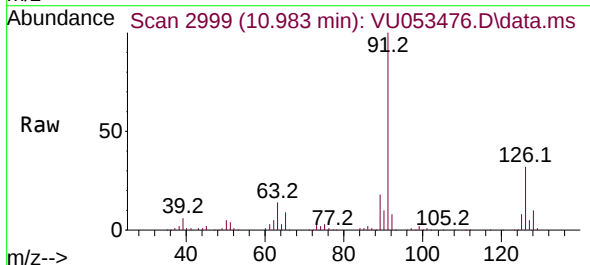
Tgt Ion:120 Resp: 177739
Ion Ratio Lower Upper
120 100
91 461.3 369.8 554.6

Manual Integrations
APPROVED

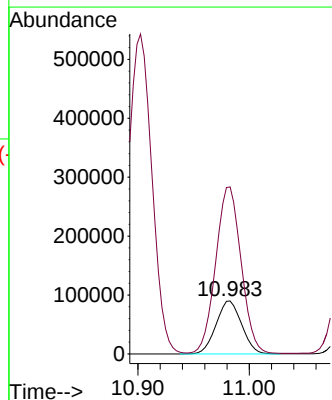
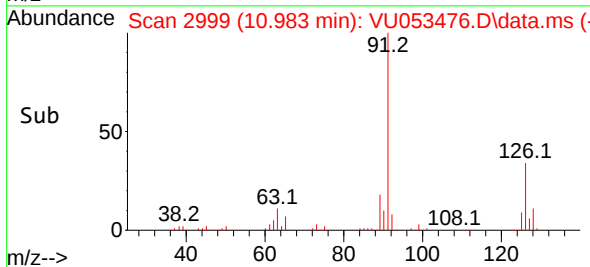
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

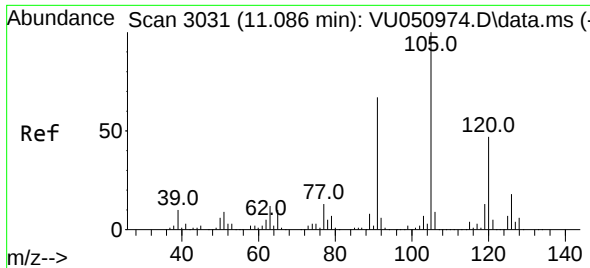


#74
2-Chlorotoluene
Concen: 10.513 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33



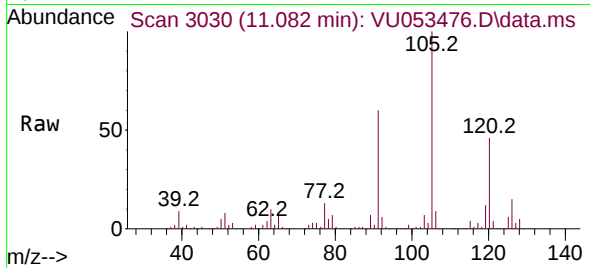
Tgt Ion:126 Resp: 143729
Ion Ratio Lower Upper
126 100
91 311.7 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 10.908 ug/l
RT: 11.082 min Scan# 3030
Delta R.T. -0.004 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

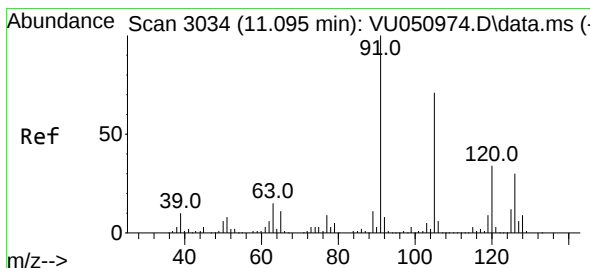
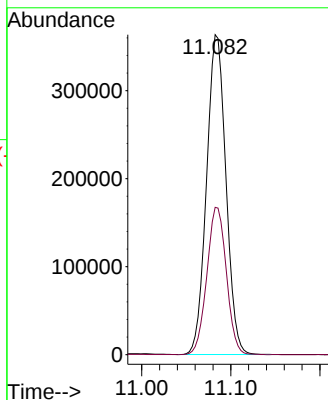
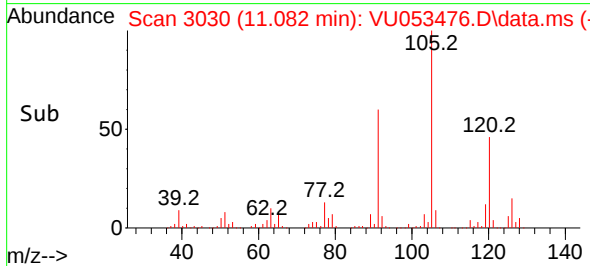
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



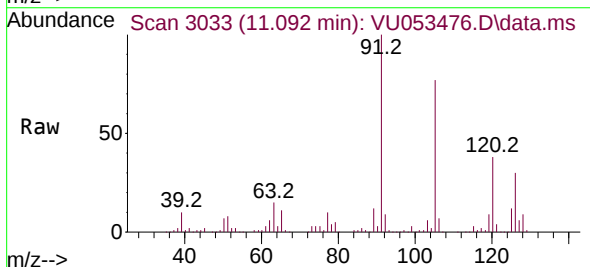
Tgt Ion:105 Resp: 548269
Ion Ratio Lower Upper
105 100
120 46.4 37.8 56.8

Manual Integrations
APPROVED

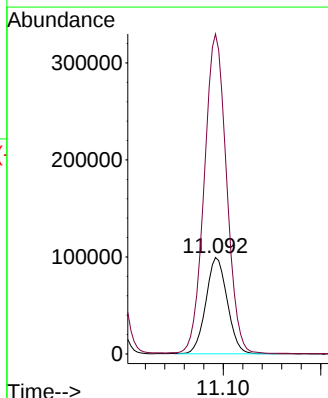
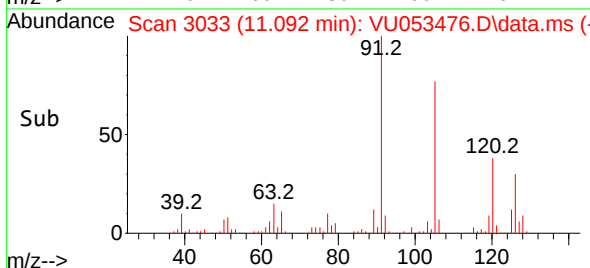
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

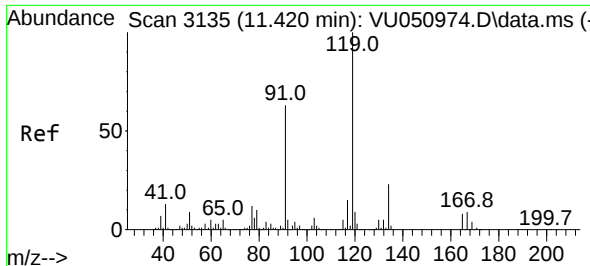


#76
4-Chlorotoluene
Concen: 10.630 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33



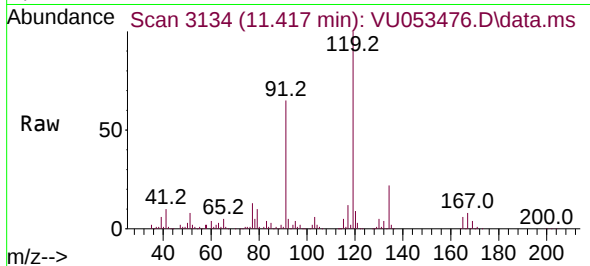
Tgt Ion:126 Resp: 150899
Ion Ratio Lower Upper
126 100
91 346.4 0.0 686.2





#77
tert-Butylbenzene
Concen: 10.595 ug/l
RT: 11.417 min Scan# 3135
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

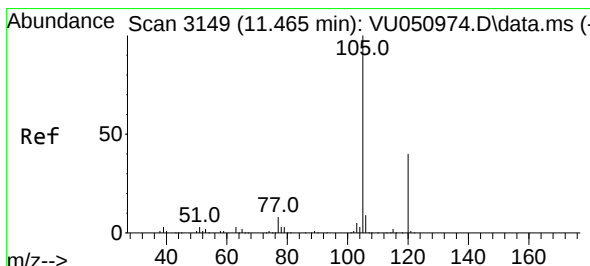
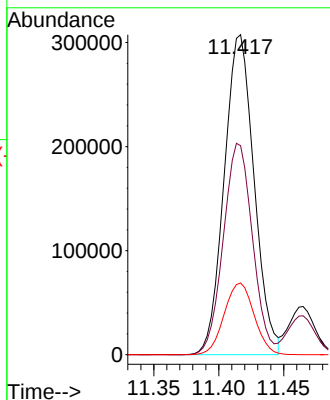
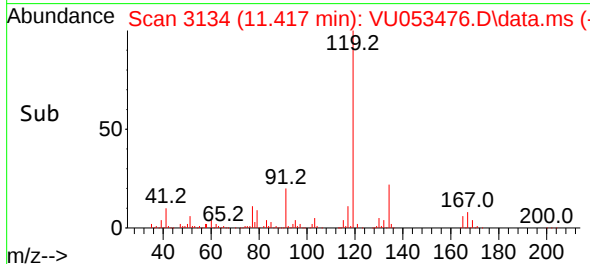
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 493619
Ion Ratio Lower Upper
119 100
91 64.3 30.8 92.4
134 22.4 18.0 27.0

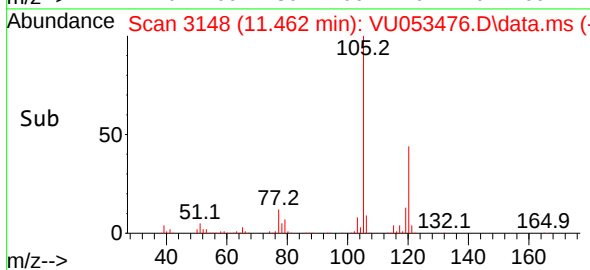
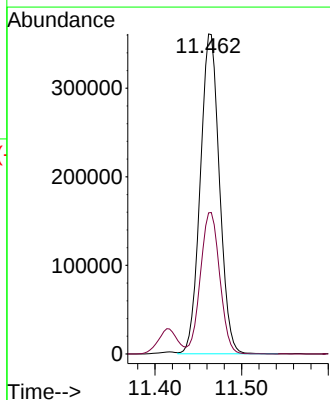
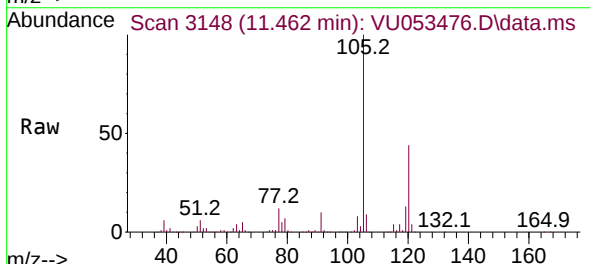
Manual Integrations
APPROVED

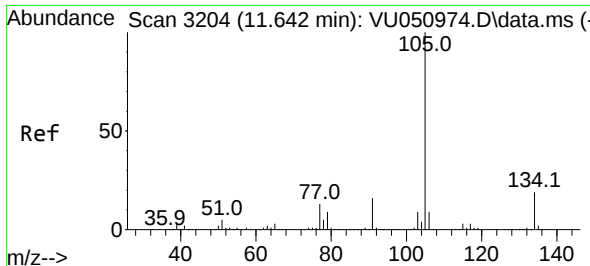
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#78
1,2,4-Trimethylbenzene
Concen: 10.820 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

Tgt Ion:105 Resp: 553870
Ion Ratio Lower Upper
105 100
120 44.6 21.9 65.8





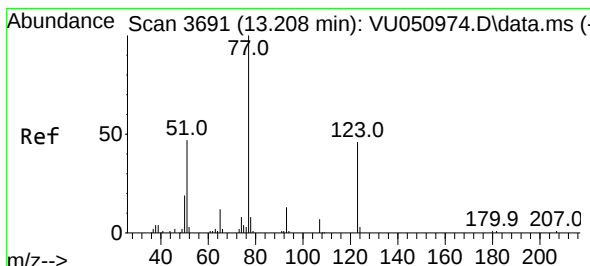
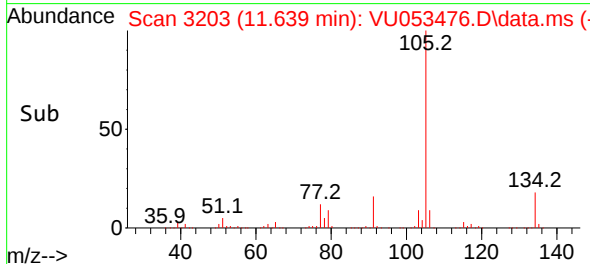
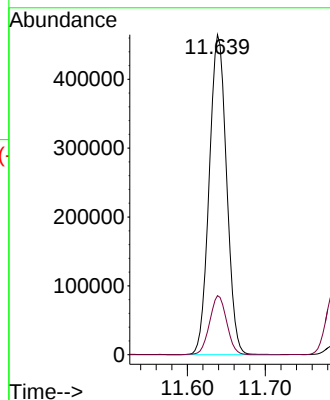
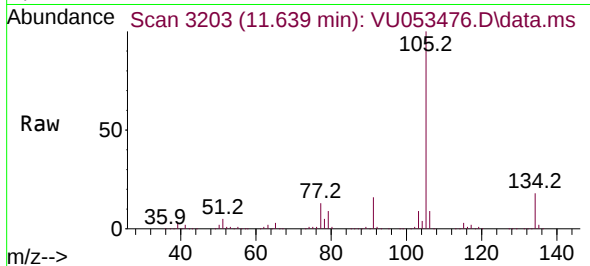
#79
 sec-Butylbenzene
 Concen: 10.696 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU053476.D
 Acq: 29 Mar 2023 20:33

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:105 Resp: 717775
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.9 22.3

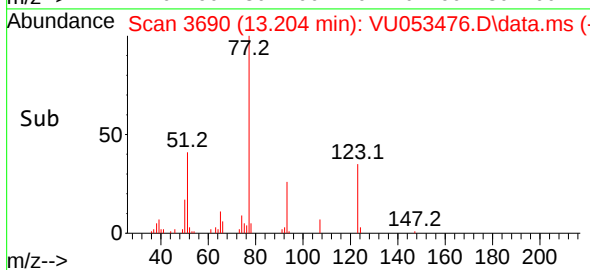
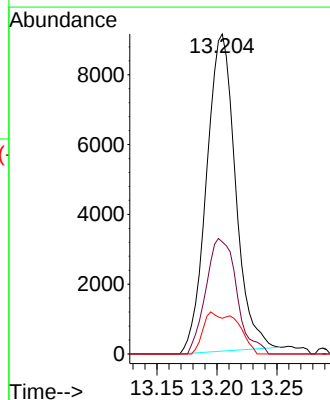
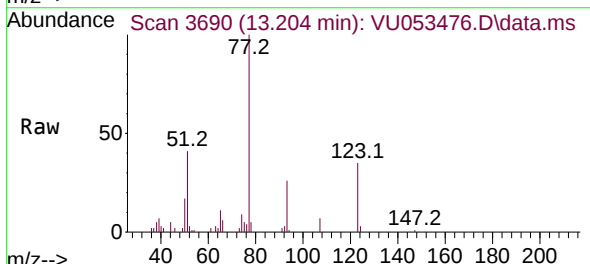
Manual Integrations
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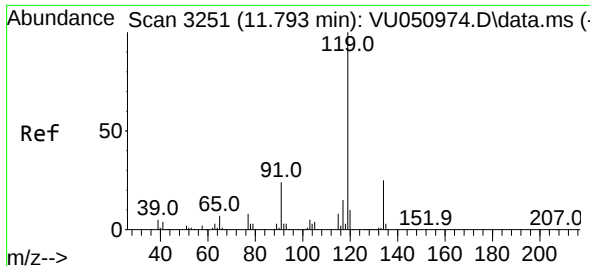
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023



#80
 Nitrobenzene
 Concen: 55.086 ug/l
 RT: 13.204 min Scan# 3690
 Delta R.T. -0.004 min
 Lab File: VU053476.D
 Acq: 29 Mar 2023 20:33

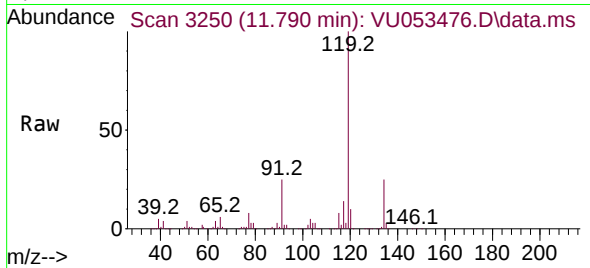
Tgt Ion: 77 Resp: 15225
 Ion Ratio Lower Upper
 77 100
 123 38.9 19.7 69.7
 65 8.5 11.5 14.7#





#81
p-Isopropyltoluene
Concen: 10.938 ug/l
RT: 11.790 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

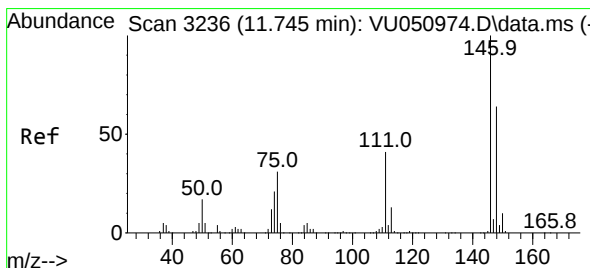
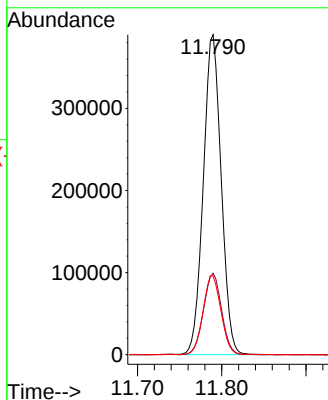
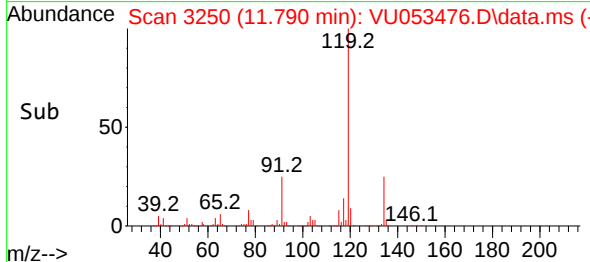
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 576549
Ion Ratio Lower Upper
119 100
134 25.7 20.2 30.4
91 24.6 19.3 28.9

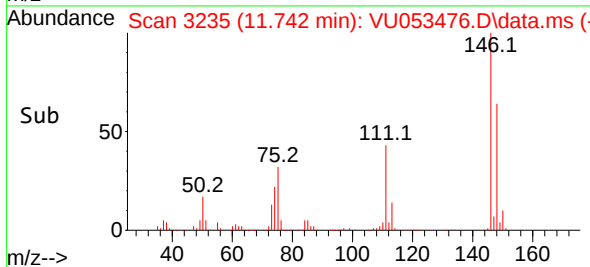
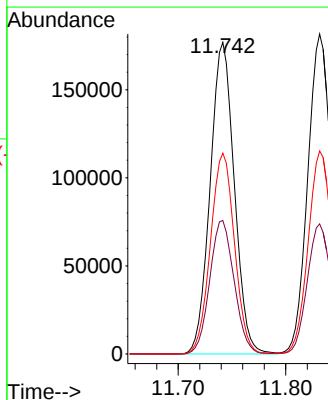
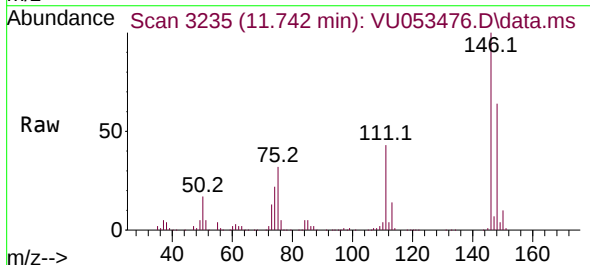
Manual Integrations
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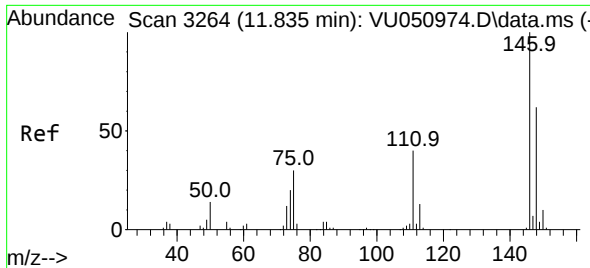
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#82
1,3-Dichlorobenzene
Concen: 10.326 ug/l
RT: 11.742 min Scan# 3235
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

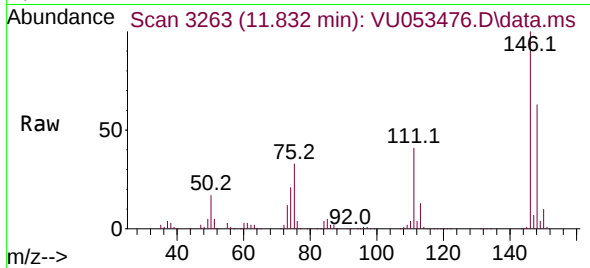
Tgt Ion:146 Resp: 275973
Ion Ratio Lower Upper
146 100
111 43.2 32.6 49.0
148 64.3 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 10.403 ug/l
RT: 11.832 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

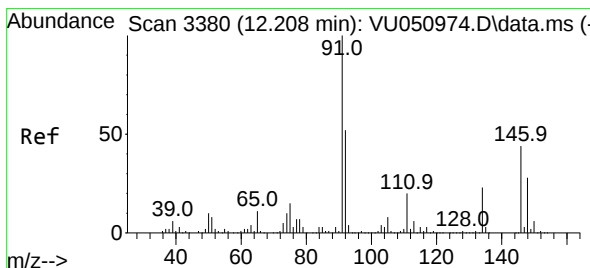
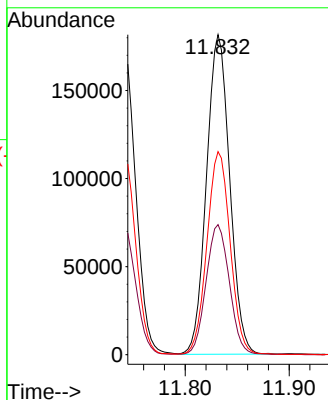
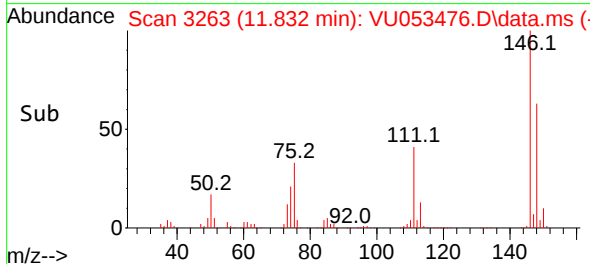
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



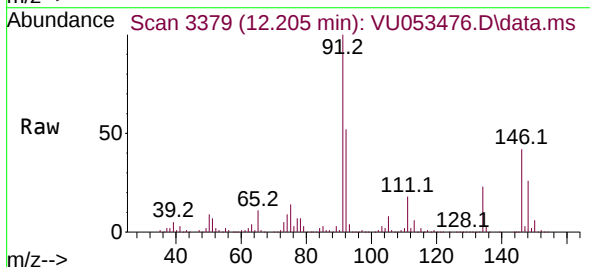
Tgt Ion:146 Resp: 281339
Ion Ratio Lower Upper
146 100
111 40.7 31.6 47.4
148 63.6 50.3 75.5

Manual Integrations
APPROVED

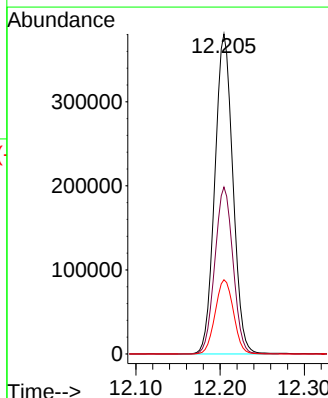
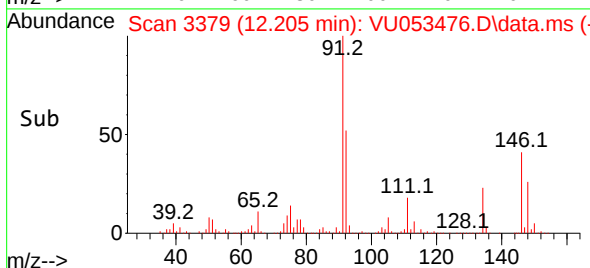
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

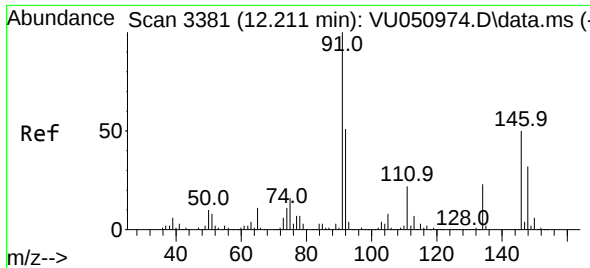


#84
n-Butylbenzene
Concen: 10.862 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33



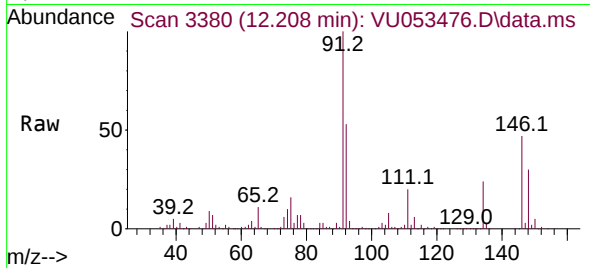
Tgt Ion: 91 Resp: 565676
Ion Ratio Lower Upper
91 100
92 52.5 40.8 61.2
134 23.5 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 10.539 ug/l
RT: 12.208 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

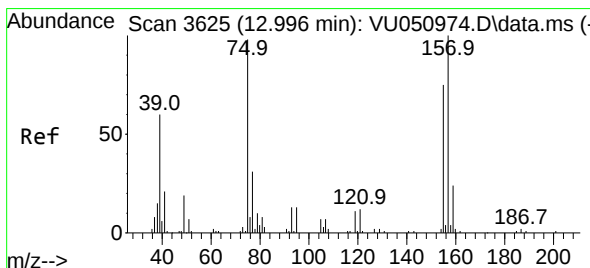
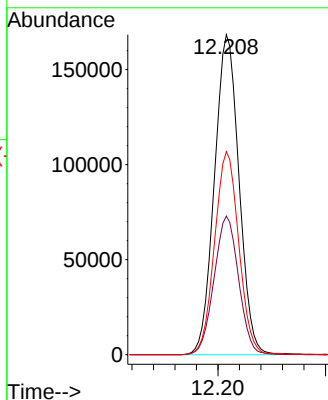
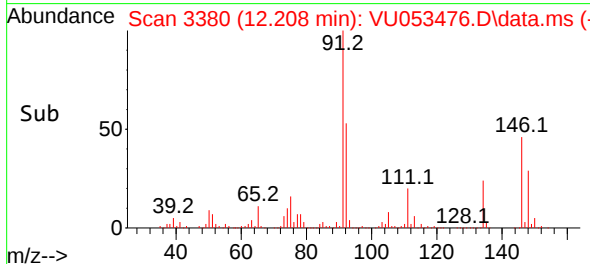
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:146 Resp: 26689
Ion Ratio Lower Upper
146 100
111 43.3 21.6 64.6
148 62.6 32.1 96.5

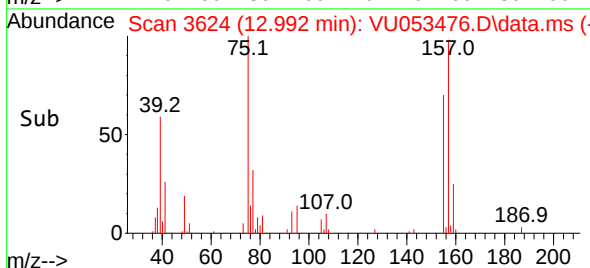
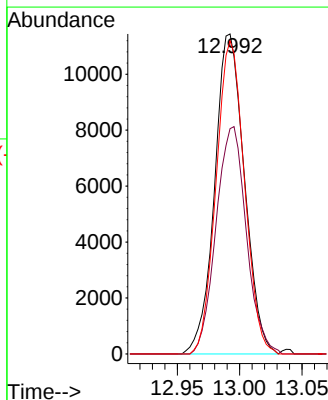
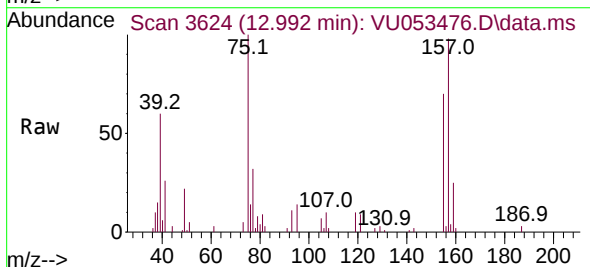
Manual Integrations
APPROVED

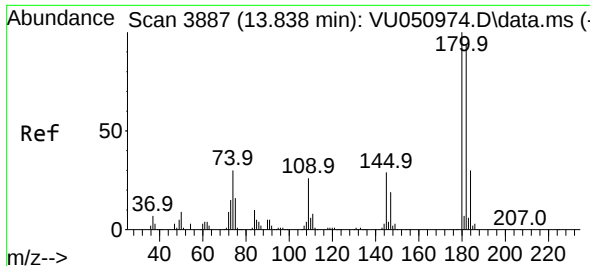
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 11.384 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

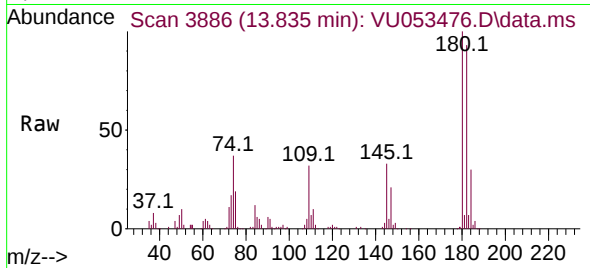
Tgt Ion: 75 Resp: 19019
Ion Ratio Lower Upper
75 100
155 72.3 61.8 92.8
157 93.0 80.2 120.4





#87
1,2,4-Trichlorobenzene
Concen: 10.817 ug/l
RT: 13.835 min Scan# 3886
Delta R.T. -0.003 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

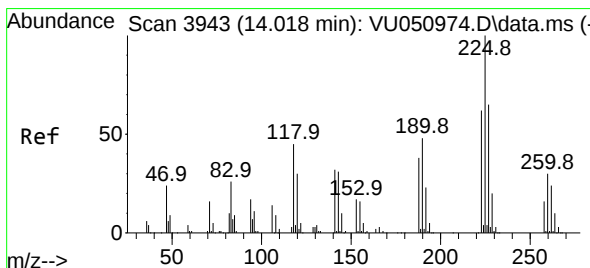
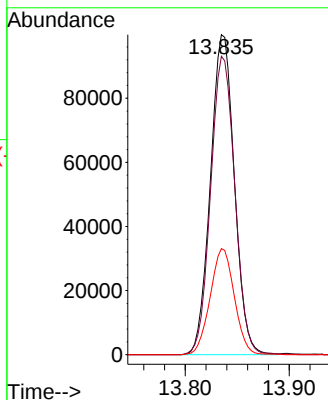
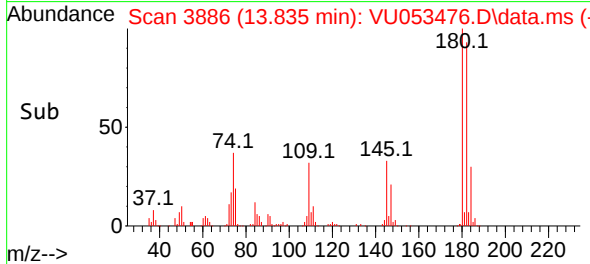
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 159784
Ion Ratio Lower Upper
180 100
182 94.0 75.8 113.6
145 33.5 23.9 35.9

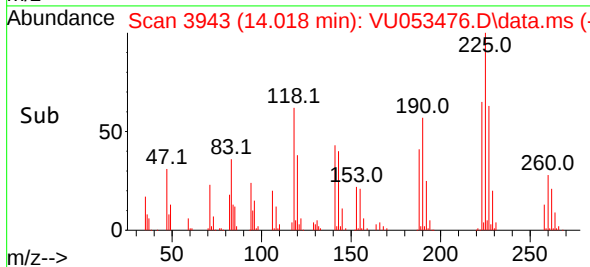
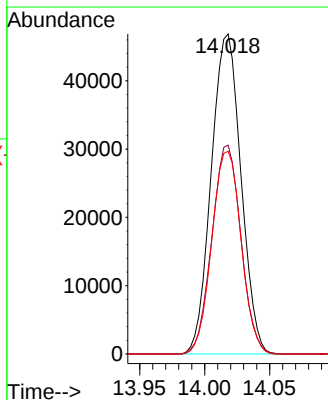
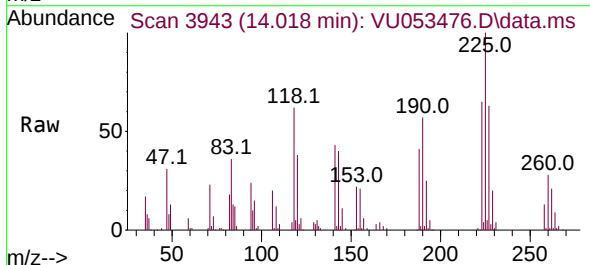
Manual Integrations
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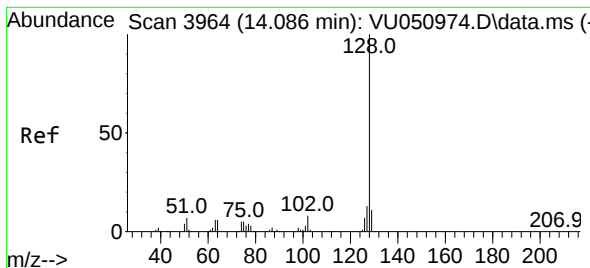
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#88
Hexachlorobutadiene
Concen: 10.542 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

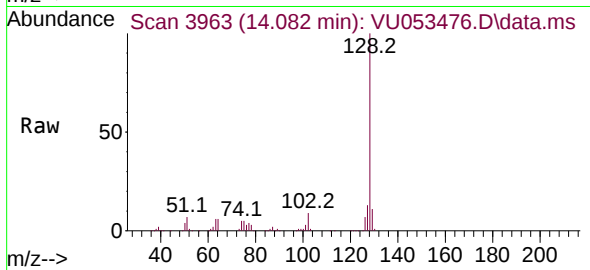
Tgt Ion:225 Resp: 74475
Ion Ratio Lower Upper
225 100
223 63.6 50.2 75.4
227 62.6 51.5 77.3





#89
Naphthalene
Concen: 10.605 ug/l
RT: 14.082 min Scan# 3963
Delta R.T. -0.004 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33

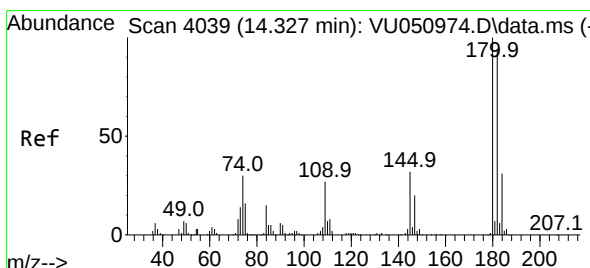
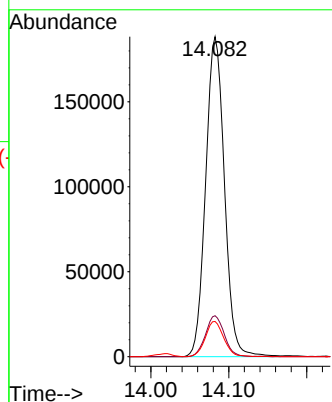
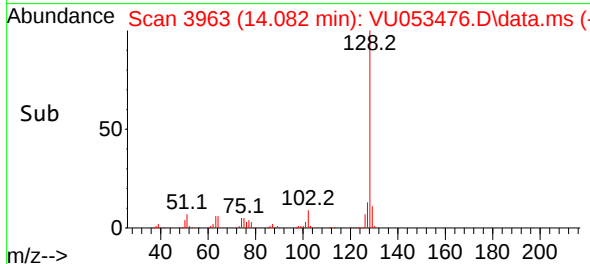
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



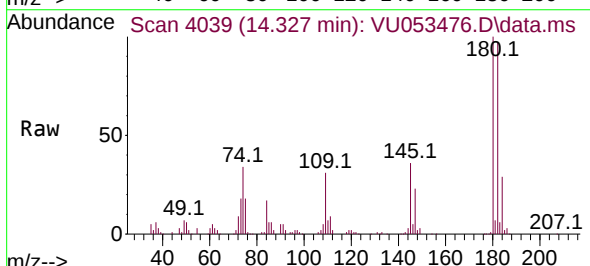
Tgt Ion:128 Resp: 31516
Ion Ratio Lower Upper
128 100
127 12.8 10.9 16.3
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#90
1,2,3-Trichlorobenzene
Concen: 11.174 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU053476.D
Acq: 29 Mar 2023 20:33



Tgt Ion:180 Resp: 142205
Ion Ratio Lower Upper
180 100
182 94.9 75.7 113.5
145 35.5 26.1 39.1

