

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032923\
 Data File : VU053471.D
 Acq On : 29 Mar 2023 18:07
 Operator : JC/MD
 Sample : VU0329WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0329WBS01

Manual Integrations
 APPROVED

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

Quant Time: Mar 30 14:08:58 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	6.108	96	44362	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	15854	0.990	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	14992	0.933	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	31038	1.935	ug/l	92
3) Chloromethane	1.520	50	30584	1.872	ug/l	99
4) Vinyl Chloride	1.601	62	33950	1.967	ug/l	99
5) Bromomethane	1.858	94	26886	1.858	ug/l	94
6) Chloroethane	1.932	64	20841	1.889	ug/l	97
7) Trichlorofluoromethane	2.137	101	45984	1.779	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	24743	1.931	ug/l	97
9) 1,1-Dichloroethene	2.578	96	21337	1.820	ug/l	92
10) Iodomethane	2.719	142	19406	1.889	ug/l	97
11) Allyl Chloride	2.919	41	26166	1.978	ug/l	96
12) Acrylonitrile	3.317	53	8441	3.708	ug/l	94
13) Acetone	2.646	43	27148	6.080	ug/l	96
14) Carbon Disulfide	2.790	76	62527	1.740	ug/l	98
15) Methylene Chloride	3.041	84	28818	0.459	ug/l	88
16) trans-1,2-Dichloroethene	3.353	96	23813	1.967	ug/l	86
17) 1,1-Dichloroethane	3.867	63	41823	1.892	ug/l	99
18) 2-Butanone	4.716	43	29105	6.404	ug/l	96
19) Cyclohexane	5.382	56	33551	1.844	ug/l	# 82
20) Methylcyclohexane	6.758	83	43593	1.918	ug/l	93
21) 2,2-Dichloropropane	4.658	77	36215	1.914	ug/l	97
22) cis-1,2-Dichloroethene	4.662	96	25441	1.933	ug/l	98
23) Diethyl Ether	2.375	59	17054	1.833	ug/l	90
24) tert-Butyl Alcohol	3.215	59	19122m	22.614	ug/l	
25) Methyl tert-Butyl Ether	3.359	73	50727	1.953	ug/l	99
26) Bromochloromethane	4.970	128	9979	1.882	ug/l	95
27) Chloroform	5.083	83	43421	1.893	ug/l	100
28) 1,1,1-Trichloroethane	5.311	97	38230	1.933	ug/l	96
29) 1,1-Dichloropropene	5.520	75	34341	2.006	ug/l	99
30) Carbon Tetrachloride	5.520	117	30446	1.934	ug/l	93
31) Isopropyl Ether	3.990	45	58548	1.926	ug/l	96
32) Ethyl-t-butyl ether	4.498	59	58915	1.886	ug/l	99
33) Tert-Amyl methyl ether	5.935	73	51675	1.861	ug/l	98
34) Propionitrile	4.790	54	7932	9.783	ug/l	# 8
35) Benzene	5.771	78	96128	1.920	ug/l	98
36) 1,2-Dichloroethane	5.793	62	26605	1.850	ug/l	96
37) Trichloroethene	6.539	130	25282	2.008	ug/l	93
38) 1,2-Dichloropropane	6.787	63	24003	1.871	ug/l	96
39) Methacrylonitrile	4.977	41	5217	1.668	ug/l	# 81
40) Methyl acrylate	4.848	55	10431	1.840	ug/l	# 96
41) Tetrahydrofuran	5.070	42	6754	4.137	ug/l	# 90
42) 1-Chlorobutane	5.452	56	41361	1.817	ug/l	98
43) Dibromomethane	6.915	93	12069	1.975	ug/l	92
44) Bromodichloromethane	7.102	83	28144	1.842	ug/l	96

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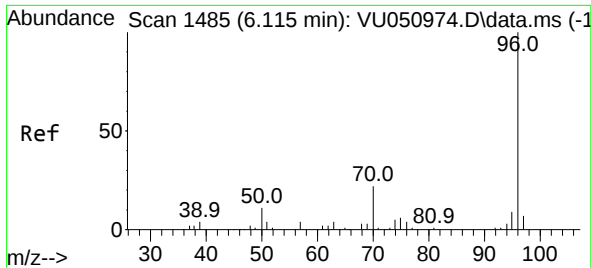
Manual Integrations
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 Supervised By :Mahesh Dadoda 04/07/2023

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.787	43	60127	9.484	ug/l	98
46) t-1,4-Dichloro-2-butene	10.832	75	9354m	3.040	ug/l	
47) Methyl methacrylate	6.960	69	20589	3.664	ug/l	93
48) Ethyl methacrylate	8.330	69	20547	1.885	ug/l	95
49) Toluene	7.964	92	58436	1.904	ug/l	99
50) t-1,3-Dichloropropene	8.205	75	27085	1.913	ug/l	99
51) cis-1,3-Dichloropropene	7.604	75	34596	1.973	ug/l	97
52) 1,1,2-Trichloroethane	8.394	97	17233	1.944	ug/l	95
53) 1,3-Dichloropropane	8.571	76	29525	1.931	ug/l	94
54) 2-Hexanone	8.681	43	46430	6.980	ug/l	98
55) Dibromochloromethane	8.806	129	15771	1.748	ug/l	90
56) 1,2-Dibromoethane	8.922	107	15417	1.888	ug/l	94
58) Tetrachloroethene	8.549	164	22172	1.883	ug/l	95
59) Chlorobenzene	9.443	112	65299	1.933	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.529	131	19282	1.878	ug/l	98
61) Pentachloroethane	11.420	117	13904	1.927	ug/l	93
62) Hexachloroethane	12.471	117	14016	1.829	ug/l	87
63) Ethyl Benzene	9.565	91	113087	1.909	ug/l	99
64) m/p-Xylenes	9.690	106	84379	3.725	ug/l	100
65) o-Xylene	10.095	106	40750	1.838	ug/l	100
66) Styrene	10.111	104	63582	1.865	ug/l	98
67) Bromoform	10.288	173	7296	1.819	ug/l #	98
69) Isopropylbenzene	10.481	105	109191	1.881	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.777	83	19173	1.797	ug/l	94
71) 1,2,3-Trichloropropane	10.819	75	17359m	2.155	ug/l	
72) Bromobenzene	10.777	156	23666	1.946	ug/l	99
73) n-propylbenzene	10.902	120	28678	1.870	ug/l	99
74) 2-Chlorotoluene	10.983	126	25817	1.947	ug/l	94
75) 1,3,5-Trimethylbenzene	11.082	105	89812	1.842	ug/l	97
76) 4-Chlorotoluene	11.095	126	26115	1.897	ug/l	100
77) tert-Butylbenzene	11.414	119	84172	1.863	ug/l	98
78) 1,2,4-Trimethylbenzene	11.462	105	91832	1.850	ug/l	100
79) sec-Butylbenzene	11.639	105	121989	1.874	ug/l	100
80) Nitrobenzene	13.208	77	2361	8.808	ug/l #	86
81) p-Isopropyltoluene	11.790	119	94013	1.839	ug/l	98
82) 1,3-Dichlorobenzene	11.742	146	47539	1.834	ug/l	98
83) 1,4-Dichlorobenzene	11.832	146	46748	1.782	ug/l	94
84) n-Butylbenzene	12.205	91	91116	1.804	ug/l	99
85) 1,2-Dichlorobenzene	12.211	146	45099	1.836	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.992	75	2773	1.711	ug/l	94
87) 1,2,4-Trichlorobenzene	13.838	180	26507	1.850	ug/l	97
88) Hexachlorobutadiene	14.018	225	12880	1.880	ug/l	97
89) Naphthalene	14.086	128	51312	1.780	ug/l	99
90) 1,2,3-Trichlorobenzene	14.327	180	23199	1.880	ug/l	98

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



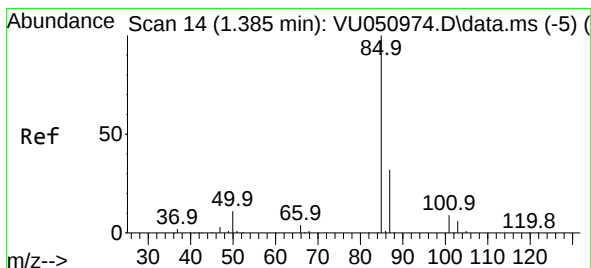
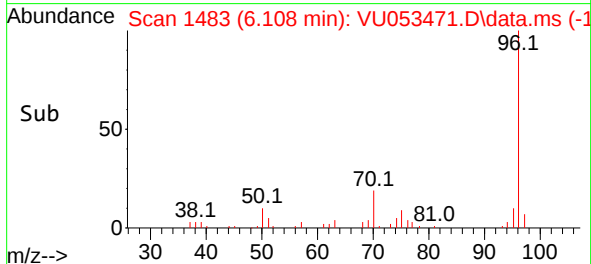
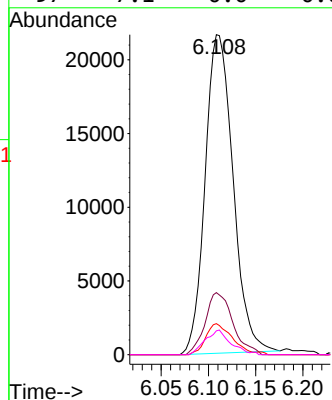
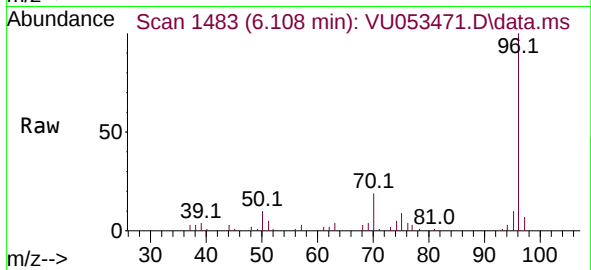
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.108 min Scan# 14
Delta R.T. -0.007 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01

Tgt Ion: 96 Resp: 44362
Ion Ratio Lower Upper
96 100
70 19.2 16.5 24.7
95 8.5 7.4 11.0
97 7.1 0.0 0.0#

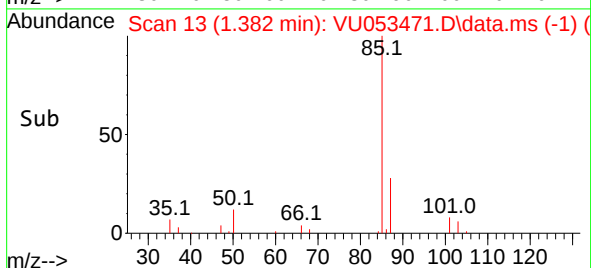
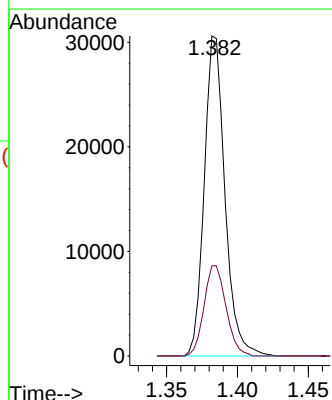
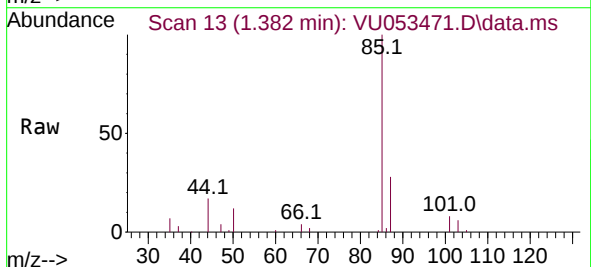
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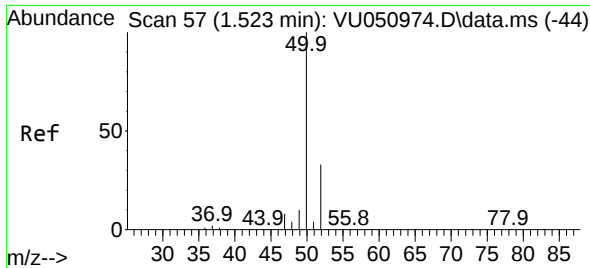
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#2
Dichlorodifluoromethane
Concen: 1.935 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Tgt Ion: 85 Resp: 31038
Ion Ratio Lower Upper
85 100
87 28.1 16.2 48.6





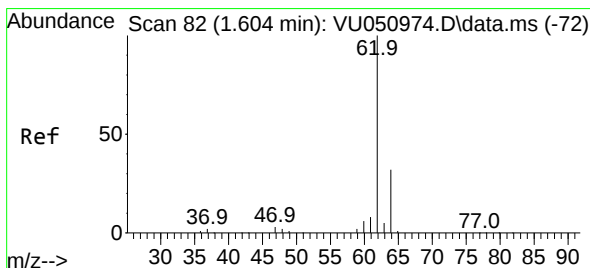
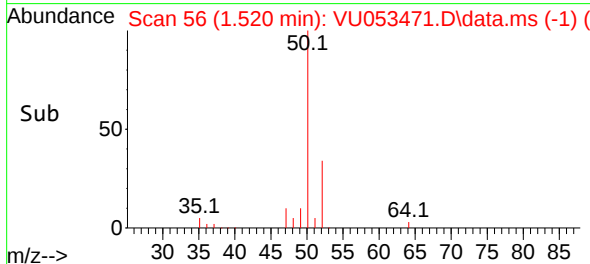
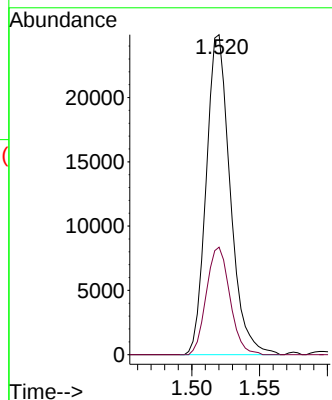
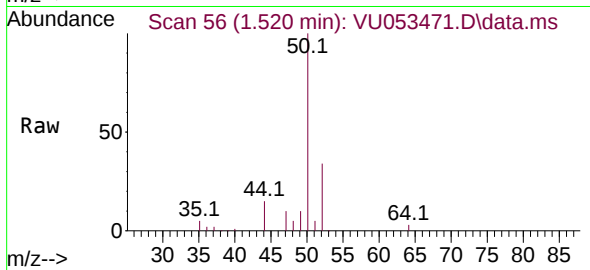
#3
Chloromethane
Concen: 1.872 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01

Tgt Ion: 50 Resp: 30584
Ion Ratio Lower Upper
50 100
52 33.6 26.6 40.0

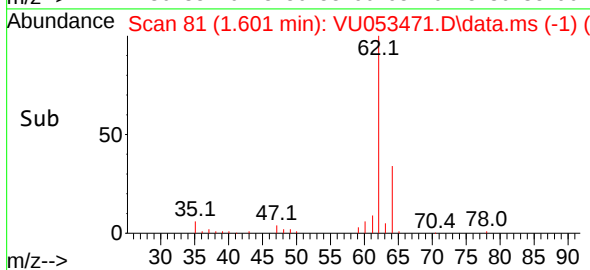
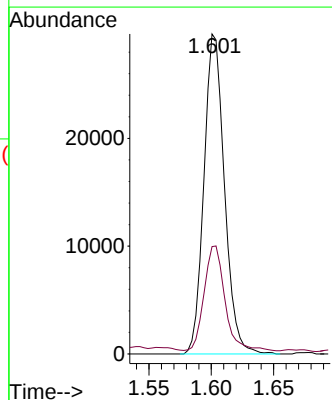
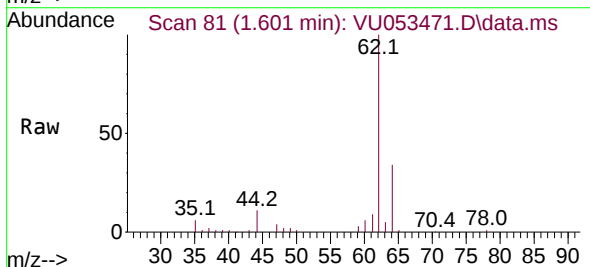
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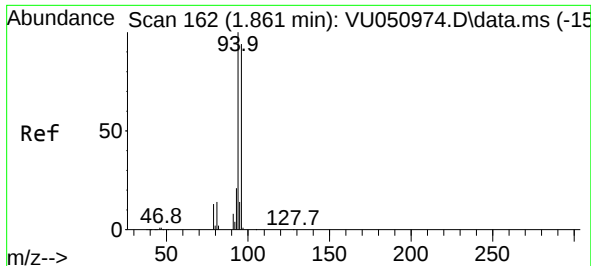
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#4
Vinyl Chloride
Concen: 1.967 ug/l
RT: 1.601 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

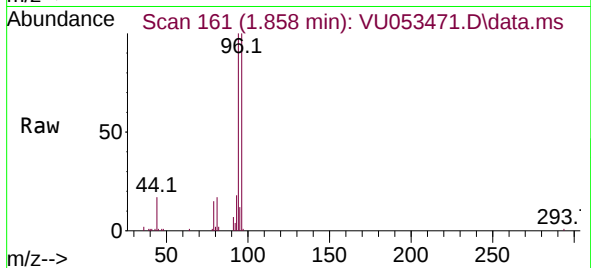
Tgt Ion: 62 Resp: 33950
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.2





#5
Bromomethane
Concen: 1.858 ug/l
RT: 1.858 min Scan# 161
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

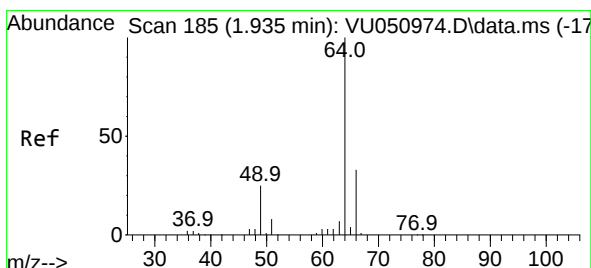
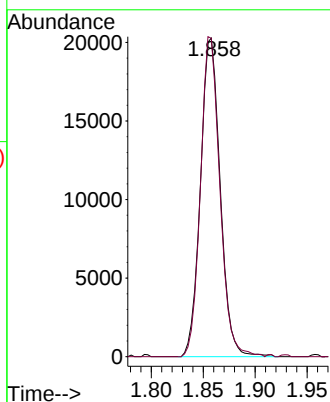
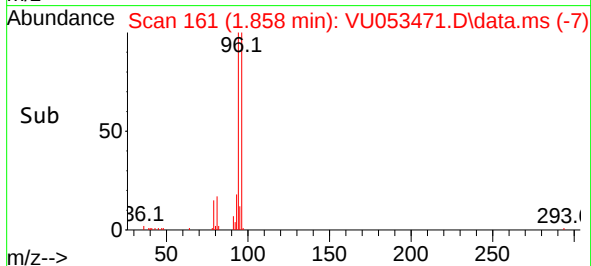
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01



Tgt Ion: 94 Resp: 2688
Ion Ratio Lower Upper
94 100
96 100.0 75.4 113.2

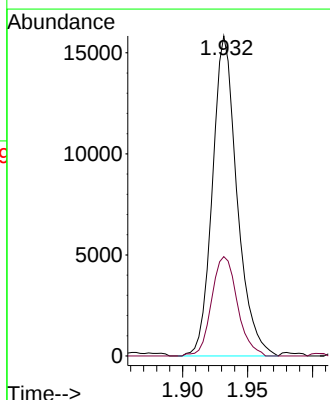
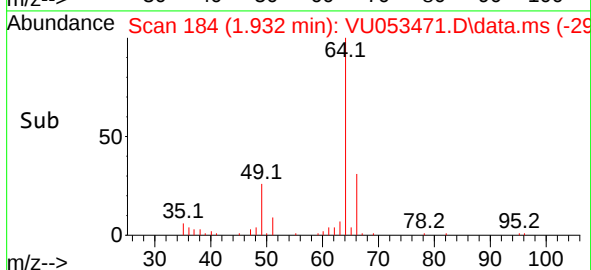
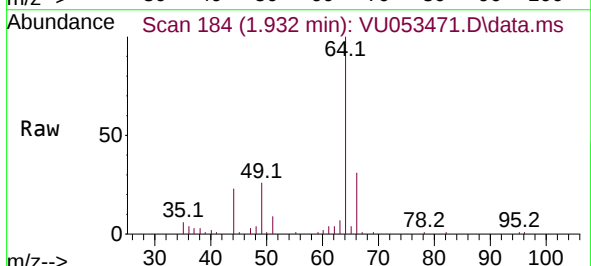
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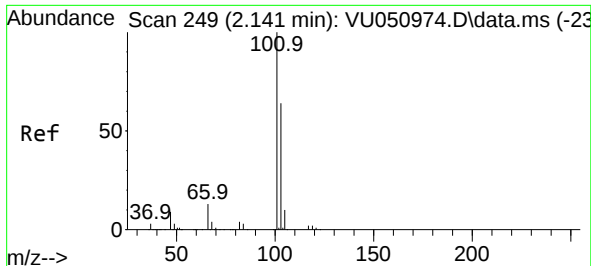
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#6
Chloroethane
Concen: 1.889 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Tgt Ion: 64 Resp: 20841
Ion Ratio Lower Upper
64 100
66 31.1 26.0 39.0





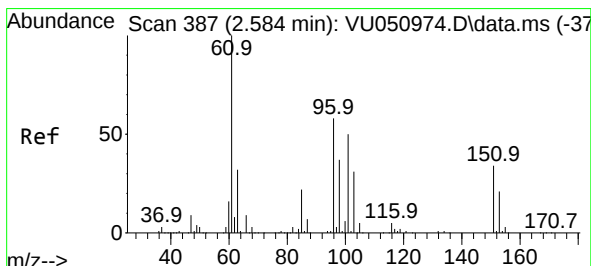
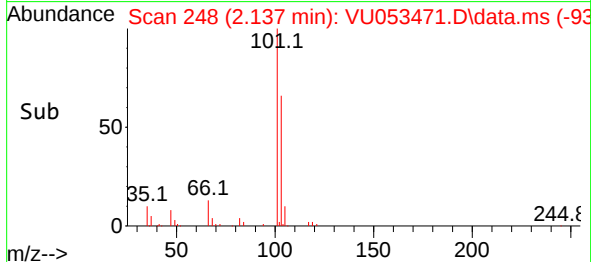
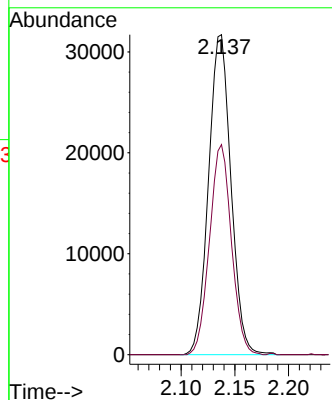
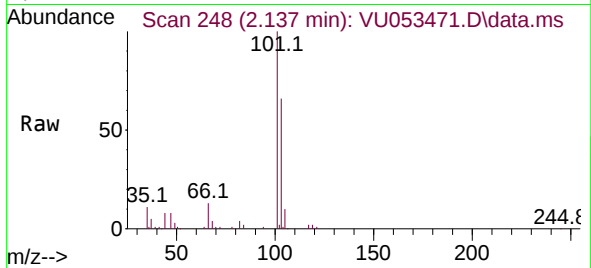
#7
Trichlorofluoromethane
Concen: 1.779 ug/l
RT: 2.137 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Instrument :
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ClientSampleId :
VU0329WBS01

Tgt Ion:101 Resp: 45984
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.0

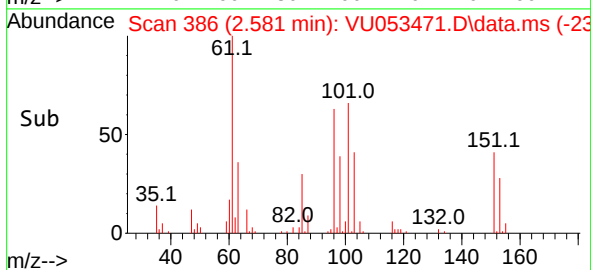
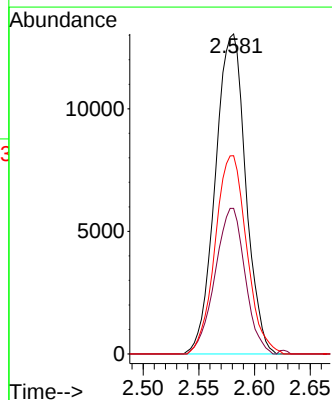
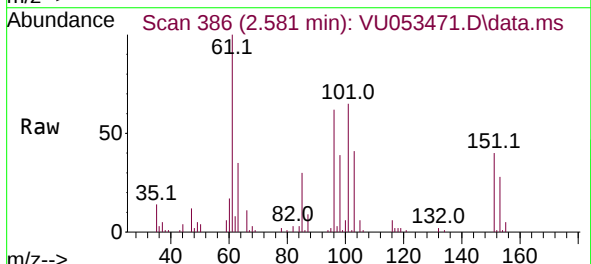
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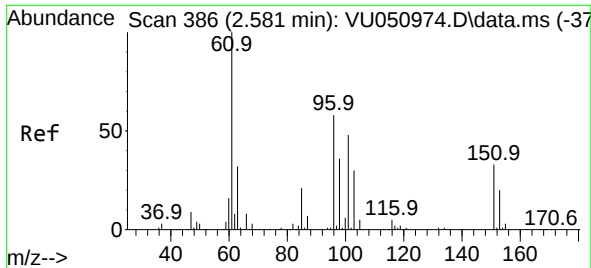
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.931 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

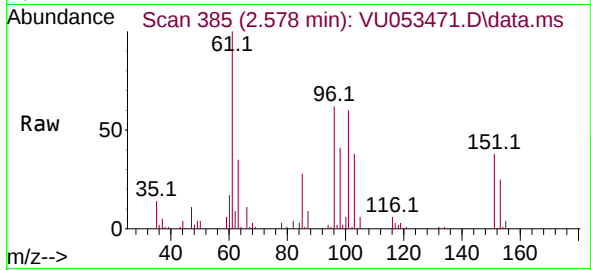
Tgt Ion:101 Resp: 24743
Ion Ratio Lower Upper
101 100
85 45.0 35.4 53.0
151 64.4 54.0 81.0





#9
1,1-Dichloroethene
Concen: 1.820 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

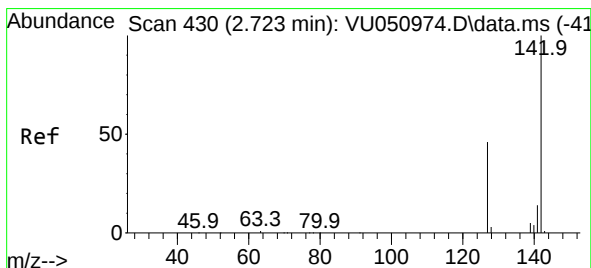
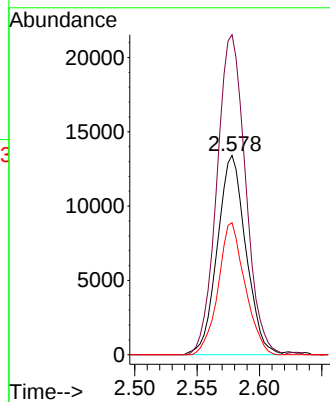
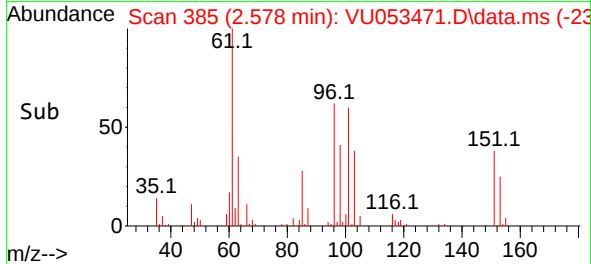
Instrument :
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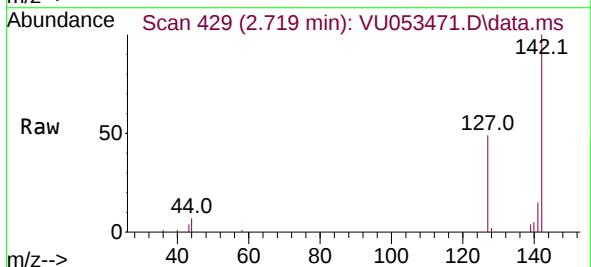
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Ion Ratio Lower Upper
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98 66.3 0.0 125.8

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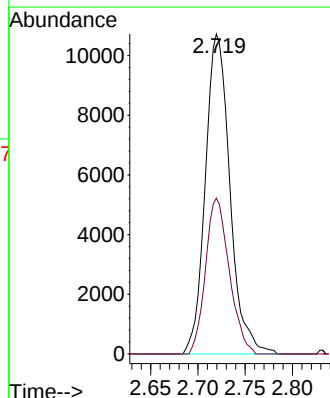
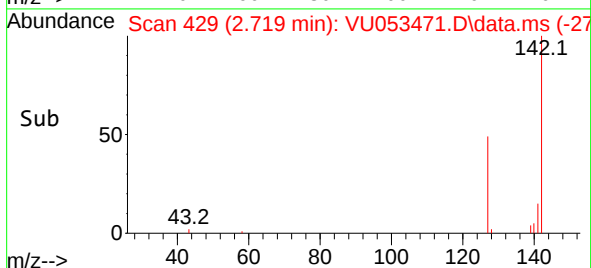
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

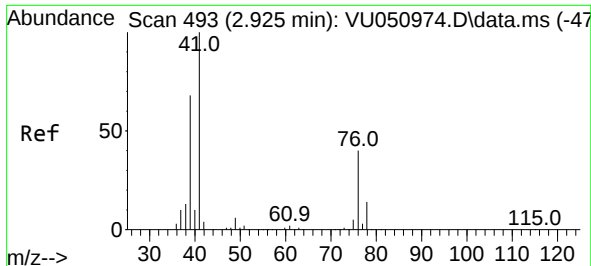


#10
Iodomethane
Concen: 1.889 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.004 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07



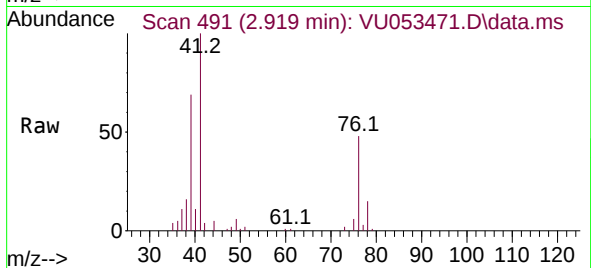
Tgt Ion:142 Resp: 19406
Ion Ratio Lower Upper
142 100
127 46.9 35.9 53.9





#11
 Allyl Chloride
 Concen: 1.978 ug/l
 RT: 2.919 min Scan# 491
 Delta R.T. -0.006 min
 Lab File: VU053471.D
 Acq: 29 Mar 2023 18:07

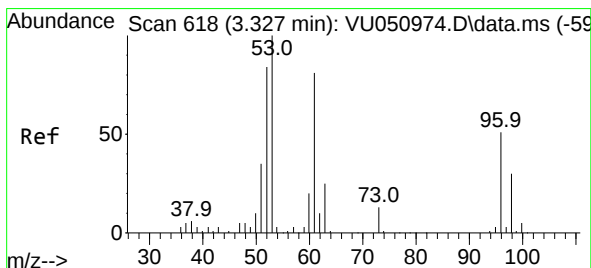
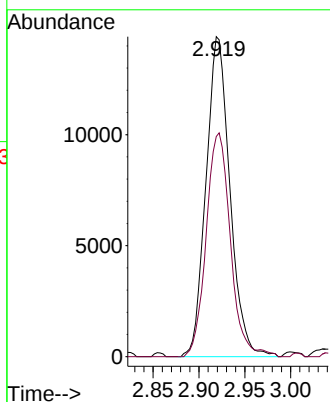
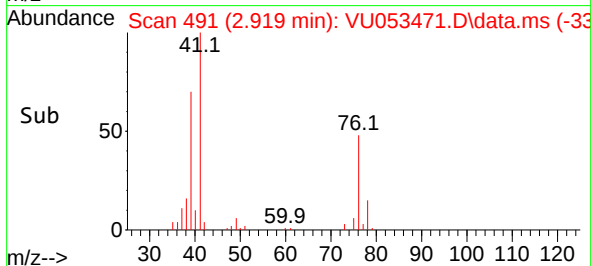
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0329WBS01



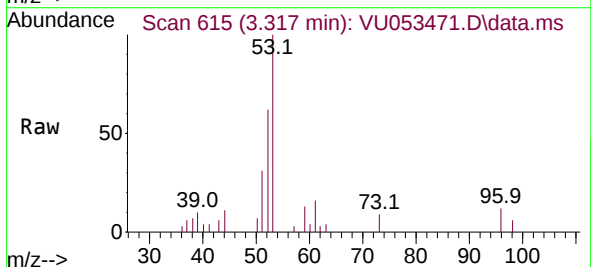
Tgt Ion: 41 Resp: 2616
 Ion Ratio Lower Upper
 41 100
 39 70.9 54.2 81.2

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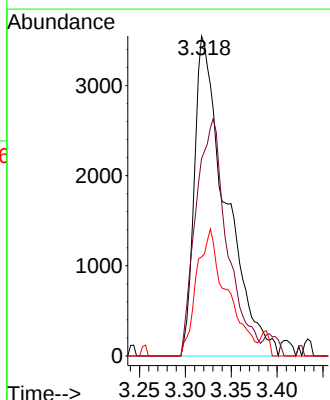
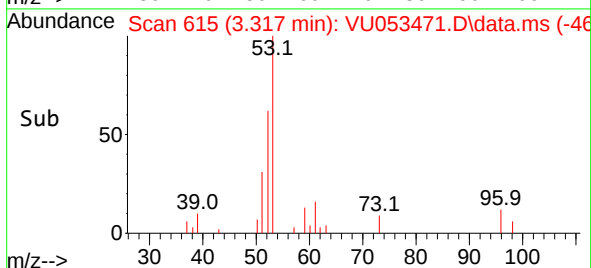
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023

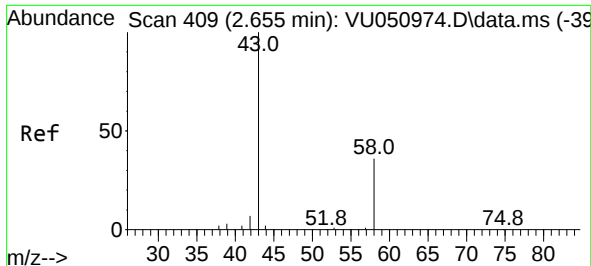


#12
 Acrylonitrile
 Concen: 3.708 ug/l
 RT: 3.317 min Scan# 615
 Delta R.T. -0.010 min
 Lab File: VU053471.D
 Acq: 29 Mar 2023 18:07



Tgt Ion: 53 Resp: 8441
 Ion Ratio Lower Upper
 53 100
 52 74.1 62.9 94.3
 51 38.5 27.8 41.6





#13

Acetone

Concen: 6.080 ug/l

RT: 2.646 min Scan# 406

Delta R.T. -0.010 min

Lab File: VU053471.D

Acq: 29 Mar 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBS01

Tgt Ion: 43 Resp: 2714

Ion Ratio Lower Upper

43 100

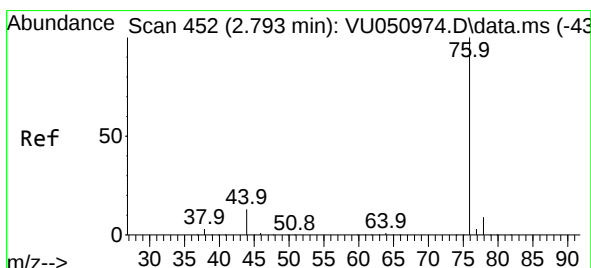
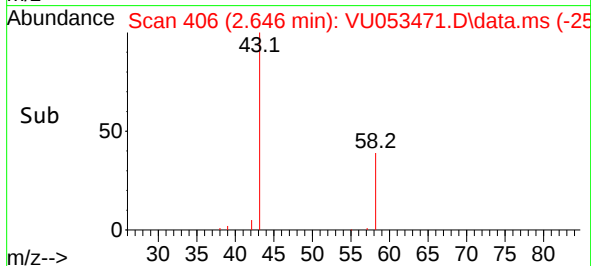
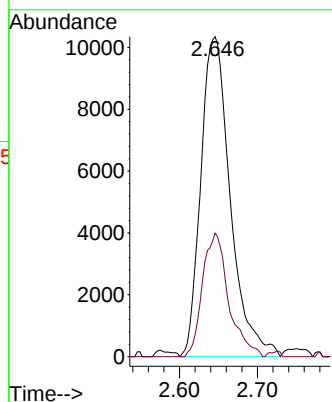
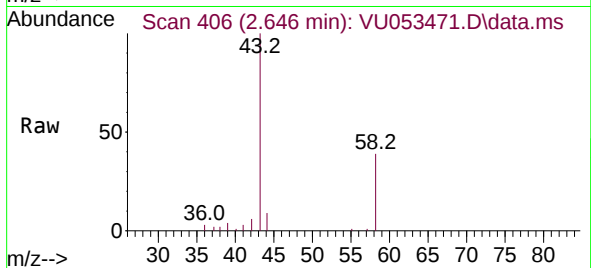
58 38.6 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#14

Carbon Disulfide

Concen: 1.740 ug/l

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU053471.D

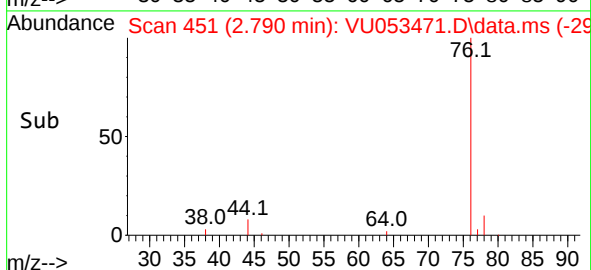
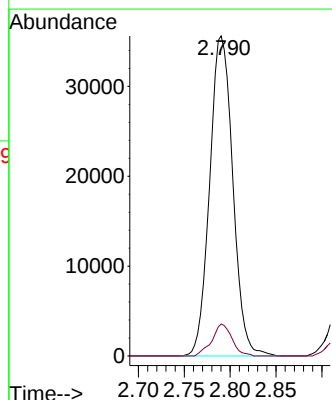
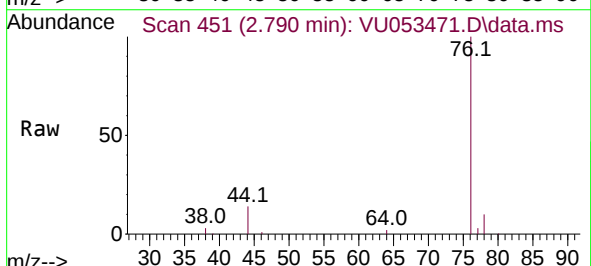
Acq: 29 Mar 2023 18:07

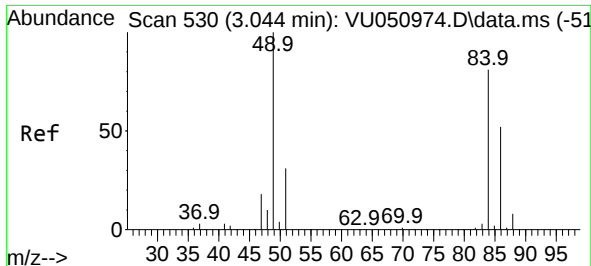
Tgt Ion: 76 Resp: 62527

Ion Ratio Lower Upper

76 100

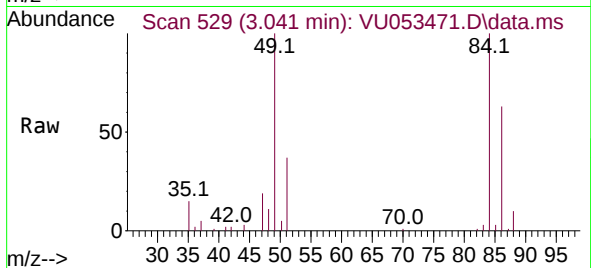
78 10.0 7.4 11.0





#15
Methylene Chloride
Concen: 0.459 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

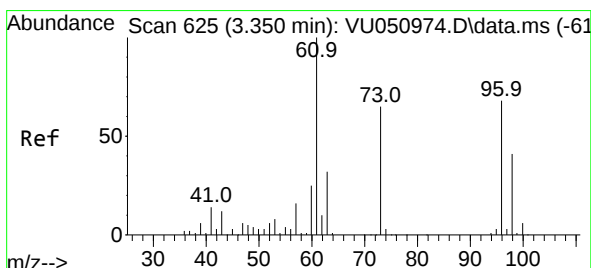
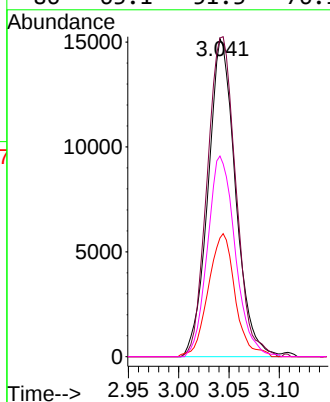
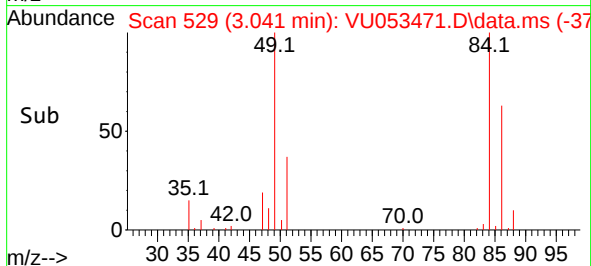
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01



Tgt Ion: 84 Resp: 28818
Ion Ratio Lower Upper
84 100
49 100.2 98.9 148.3
51 37.4 0.0 75.4
86 63.1 51.3 76.9

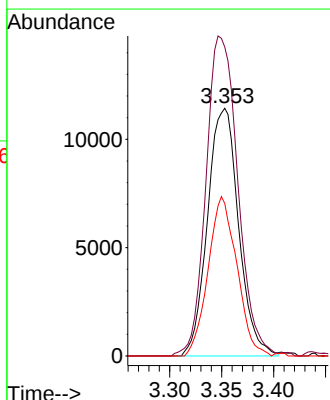
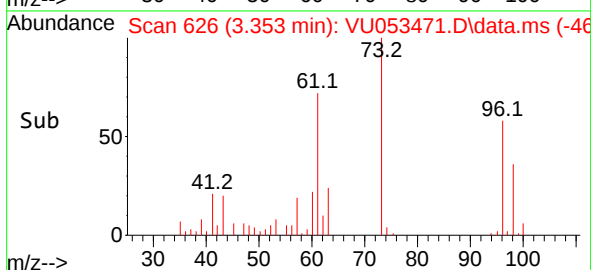
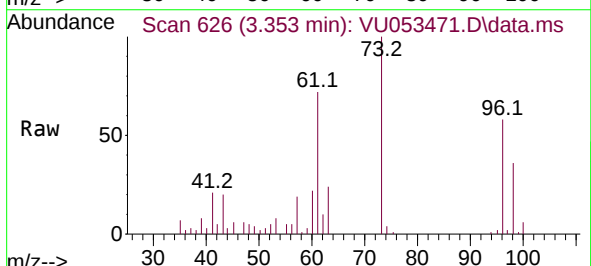
Manual Integrations
APPROVED

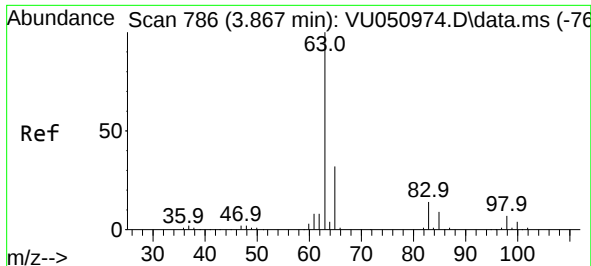
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#16
trans-1,2-Dichloroethene
Concen: 1.967 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Tgt Ion: 96 Resp: 23813
Ion Ratio Lower Upper
96 100
61 123.5 117.5 176.3
98 61.5 48.3 72.5





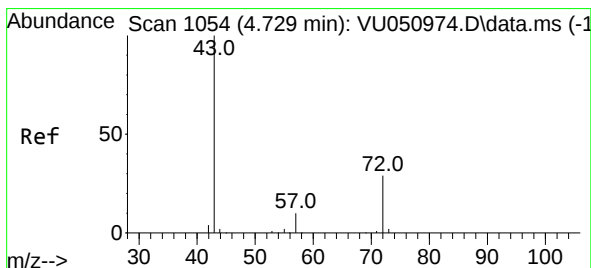
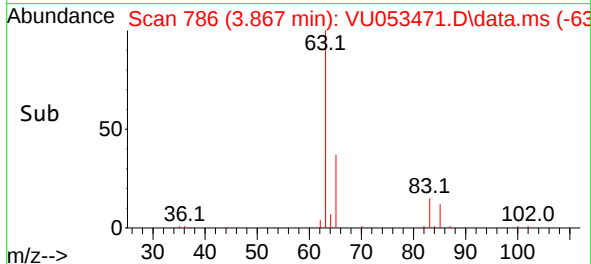
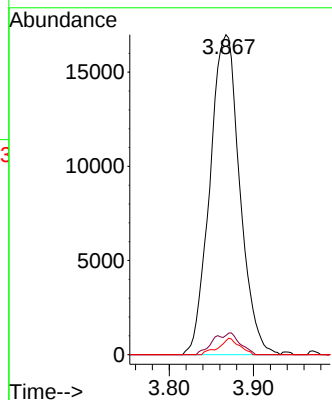
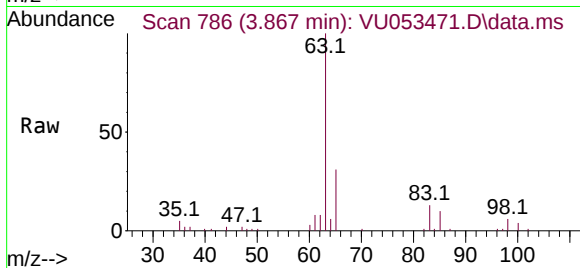
#17
1,1-Dichloroethane
Concen: 1.892 ug/l
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01

Tgt Ion: 63 Resp: 4182
Ion Ratio Lower Upper
63 100
98 6.0 3.4 10.1
100 4.3 2.2 6.6

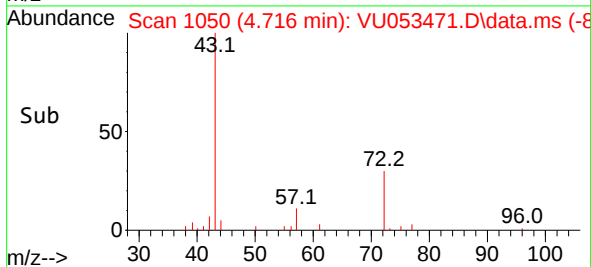
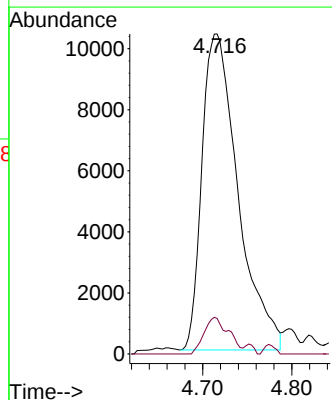
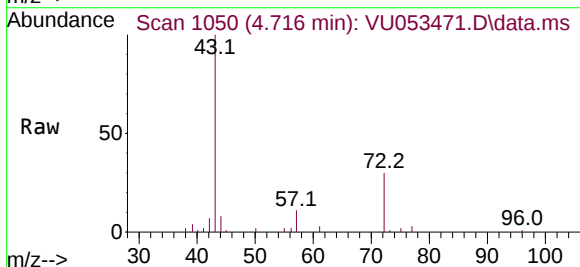
Manual Integrations
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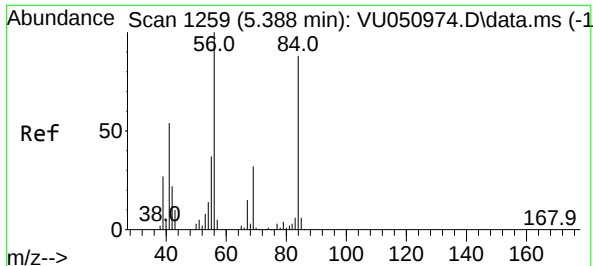
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#18
2-Butanone
Concen: 6.404 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. -0.013 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Tgt Ion: 43 Resp: 29105
Ion Ratio Lower Upper
43 100
57 11.2 0.0 19.6





#19

Cyclohexane

Concen: 1.844 ug/l

RT: 5.382 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VU053471.D

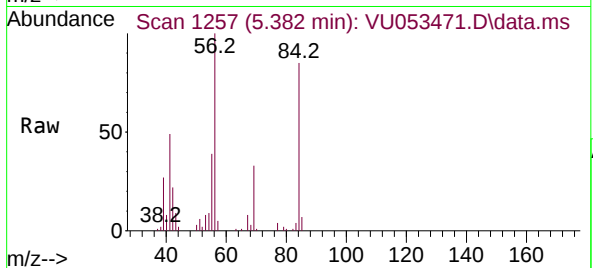
Acq: 29 Mar 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBS01



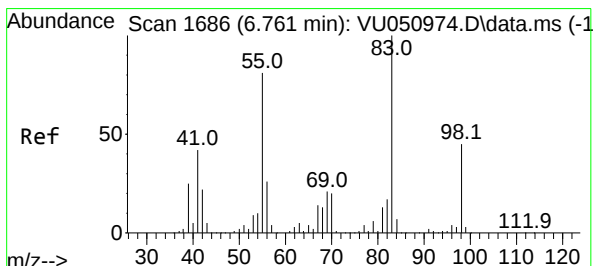
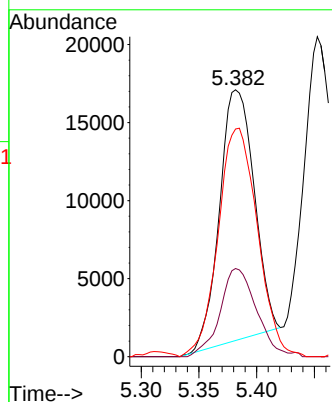
Tgt Ion:	56	Resp:	3355
Ion Ratio	100	Lower	Upper
56	100		
69	37.1	24.6	37.0
84	103.6	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#20

Methylcyclohexane

Concen: 1.918 ug/l

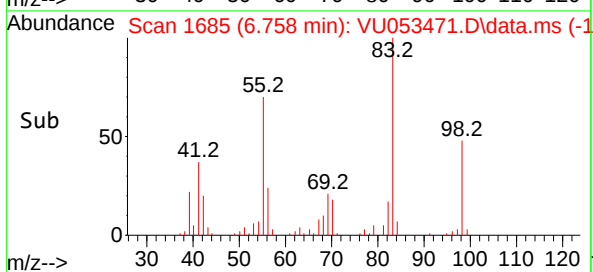
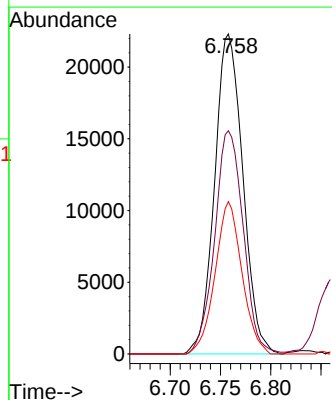
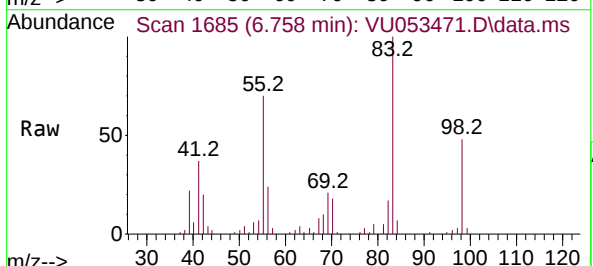
RT: 6.758 min Scan# 1685

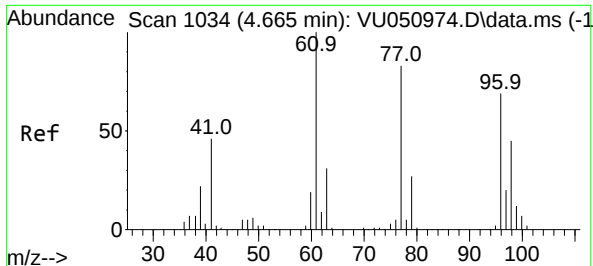
Delta R.T. -0.003 min

Lab File: VU053471.D

Acq: 29 Mar 2023 18:07

Tgt Ion:	83	Resp:	43593
Ion Ratio	100	Lower	Upper
83	100		
55	69.7	63.5	95.3
98	45.3	36.0	54.0





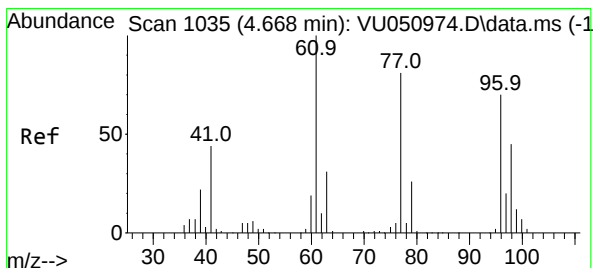
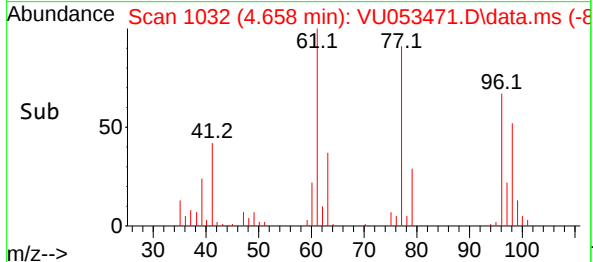
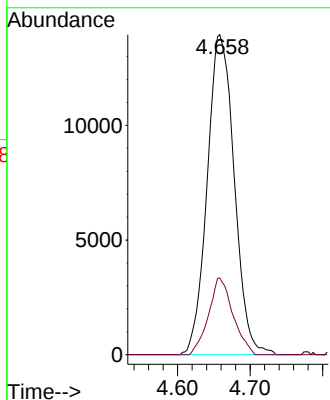
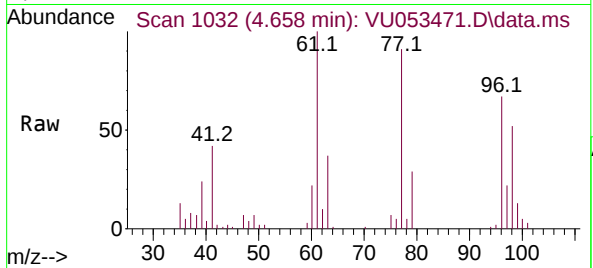
#21
2,2-Dichloropropane
Concen: 1.914 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01

Tgt Ion: 77 Resp: 36215
Ion Ratio Lower Upper
77 100
97 21.7 18.4 27.6

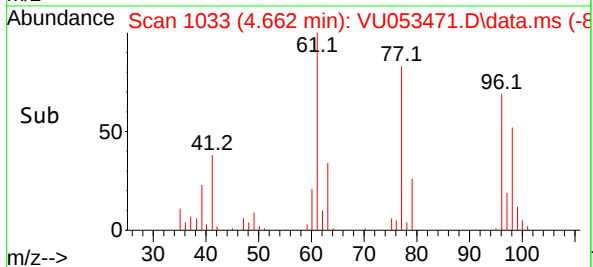
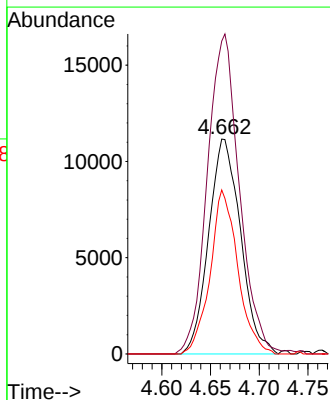
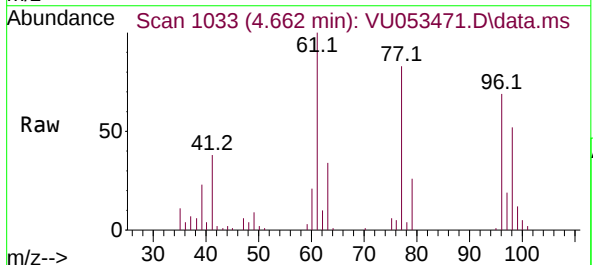
Manual Integrations
APPROVED

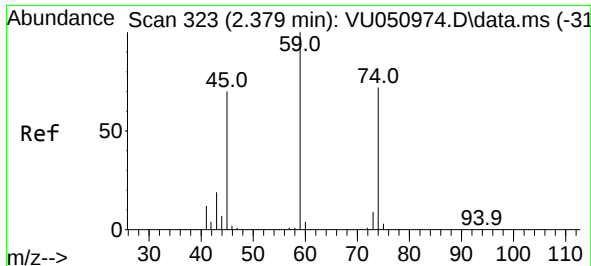
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#22
cis-1,2-Dichloroethene
Concen: 1.933 ug/l
RT: 4.662 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Tgt Ion: 96 Resp: 25441
Ion Ratio Lower Upper
96 100
61 149.1 0.0 365.8
98 66.1 32.0 96.0





#23

Diethyl Ether

Concen: 1.833 ug/l

RT: 2.375 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU053471.D

Acq: 29 Mar 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBS01

Tgt Ion: 59 Resp: 17054

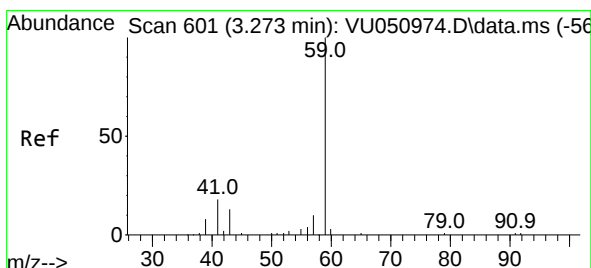
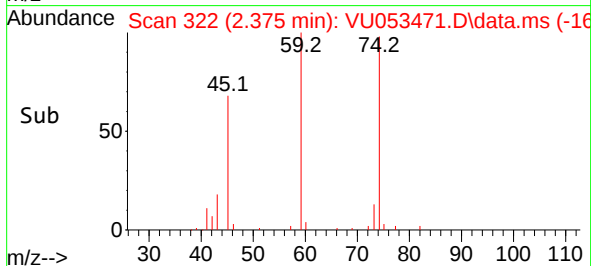
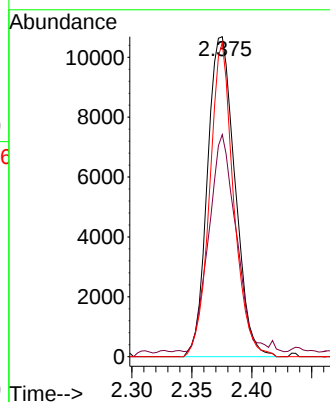
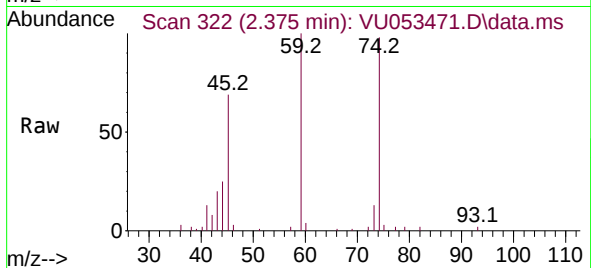
Ion	Ratio	Lower	Upper
59	100		
45	66.7	56.1	84.1
74	85.4	57.4	86.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#24

tert-Butyl Alcohol

Concen: 22.614 ug/l m

RT: 3.215 min Scan# 583

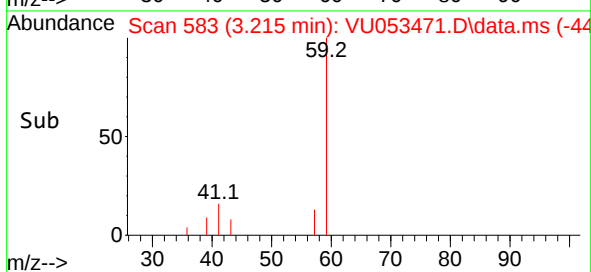
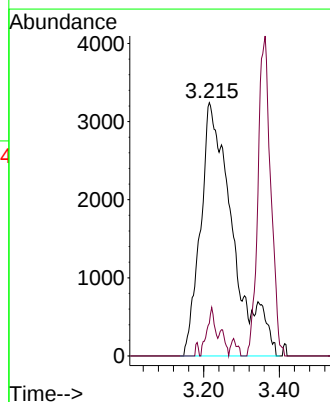
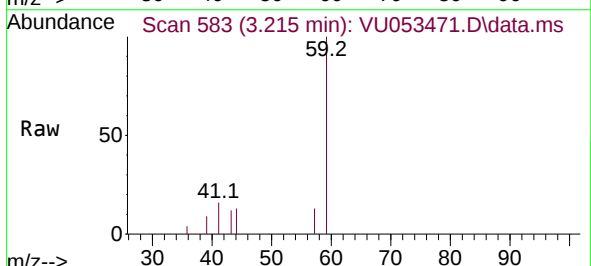
Delta R.T. -0.058 min

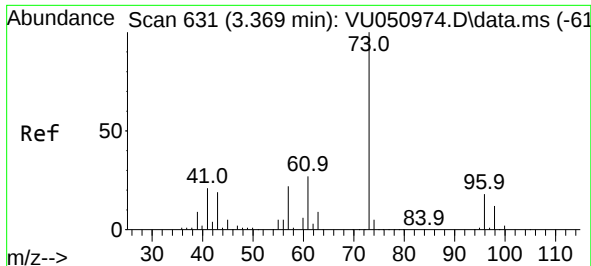
Lab File: VU053471.D

Acq: 29 Mar 2023 18:07

Tgt Ion: 59 Resp: 19122

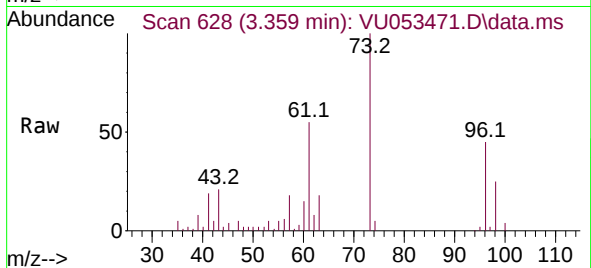
Ion	Ratio	Lower	Upper
59	100		
57	4.8	105.6	158.4#





#25
Methyl tert-Butyl Ether
Concen: 1.953 ug/l
RT: 3.359 min Scan# 61
Delta R.T. -0.010 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

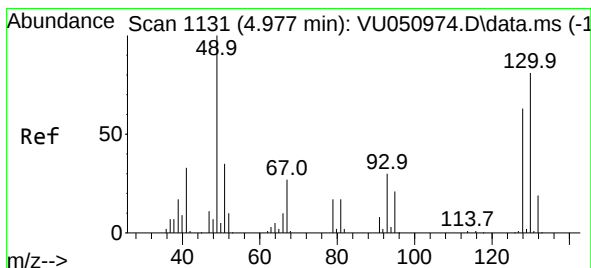
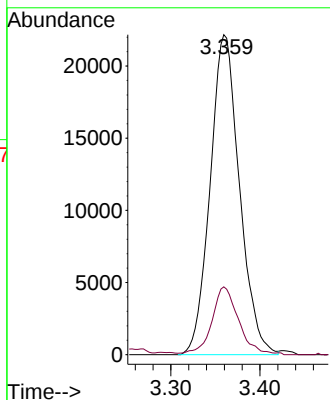
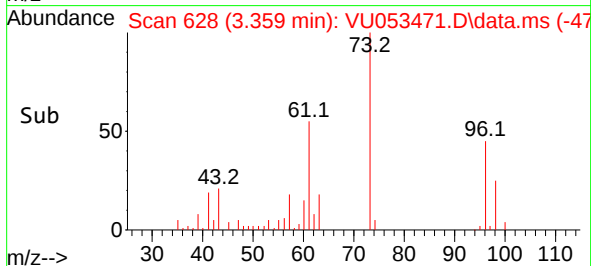
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01



Tgt Ion: 73 Resp: 5072
Ion Ratio Lower Upper
73 100
43 19.4 15.0 22.6

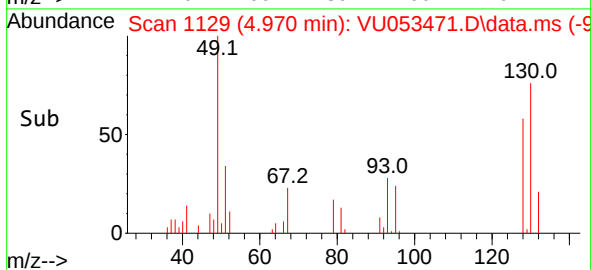
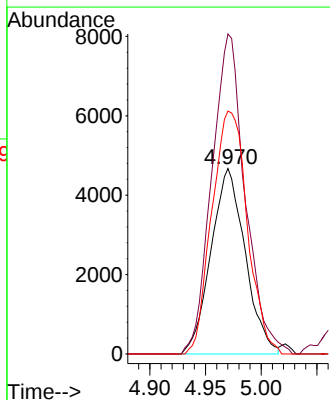
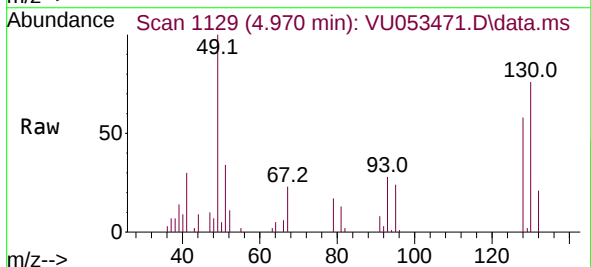
Manual Integrations
APPROVED

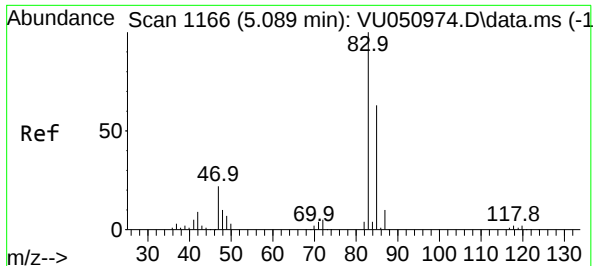
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#26
Bromochloromethane
Concen: 1.882 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Tgt Ion:128 Resp: 9979
Ion Ratio Lower Upper
128 100
49 168.1 0.0 324.6
130 135.9 103.0 154.4





#27

Chloroform

Concen: 1.893 ug/l

RT: 5.083 min Scan# 1166

Delta R.T. -0.006 min

Lab File: VU053471.D

Acq: 29 Mar 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBS01

Tgt Ion: 83 Resp: 4342

Ion Ratio Lower Upper

83 100

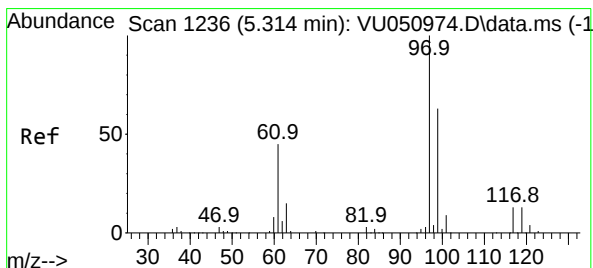
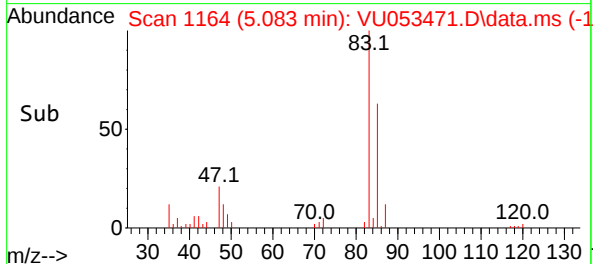
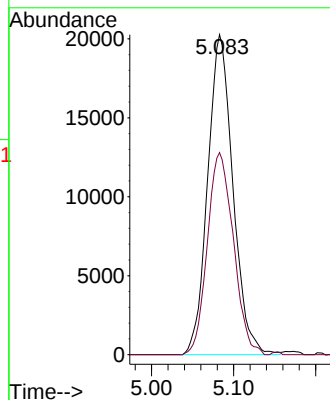
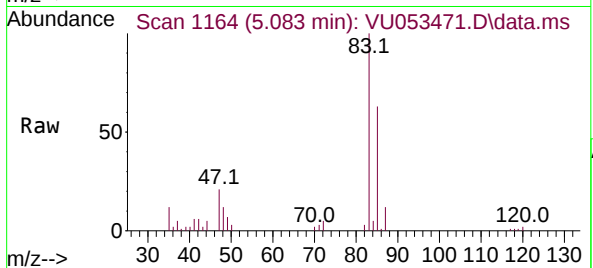
85 63.1 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#28

1,1,1-Trichloroethane

Concen: 1.933 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.003 min

Lab File: VU053471.D

Acq: 29 Mar 2023 18:07

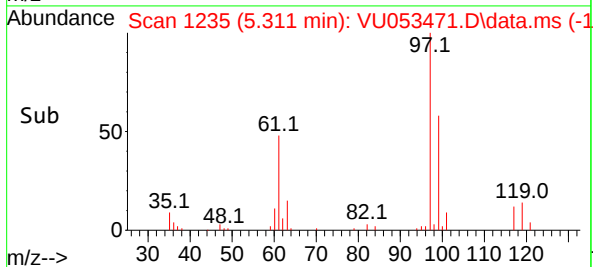
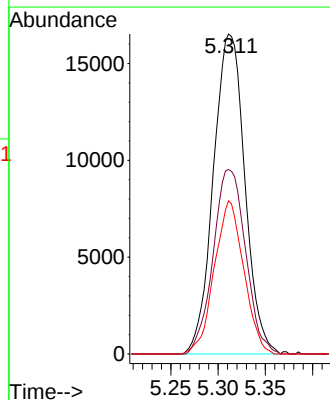
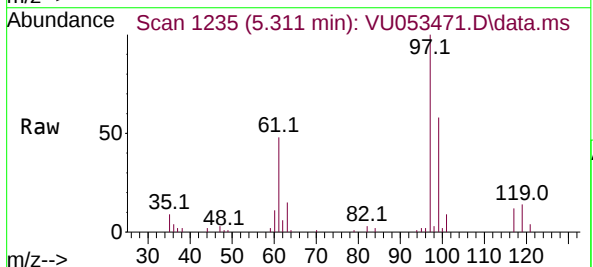
Tgt Ion: 97 Resp: 38230

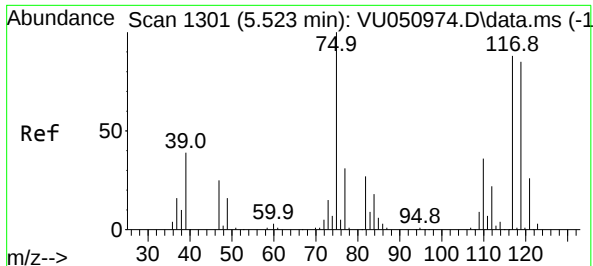
Ion Ratio Lower Upper

97 100

99 59.4 32.0 96.2

61 44.9 22.9 68.5





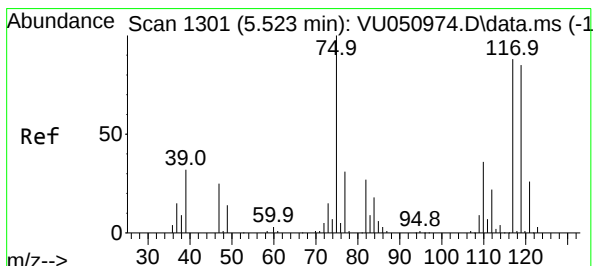
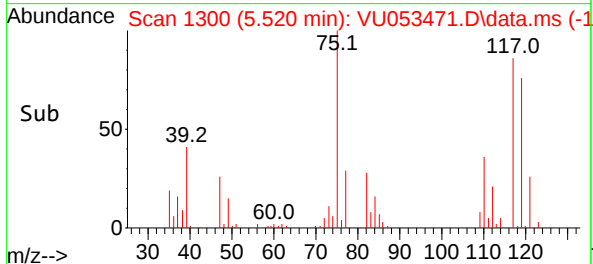
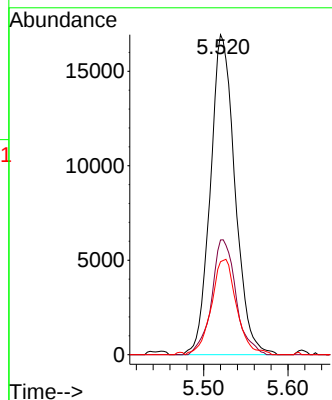
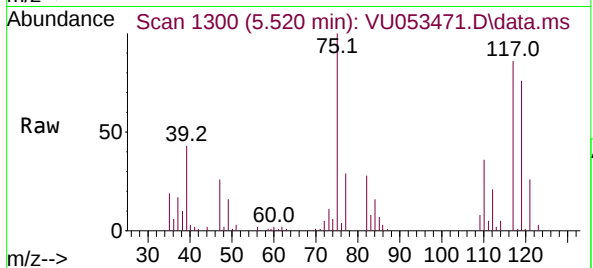
#29
1,1-Dichloropropene
Concen: 2.006 ug/l
RT: 5.520 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01

Tgt Ion: 75 Resp: 3434
Ion Ratio Lower Upper
75 100
110 35.4 18.0 54.0
77 30.5 24.7 37.1

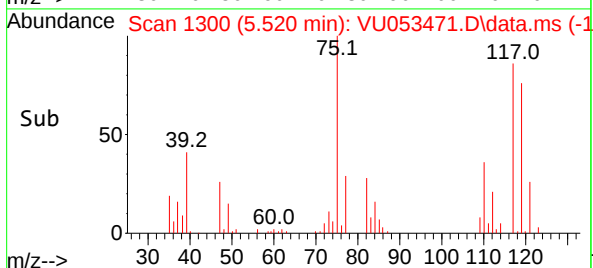
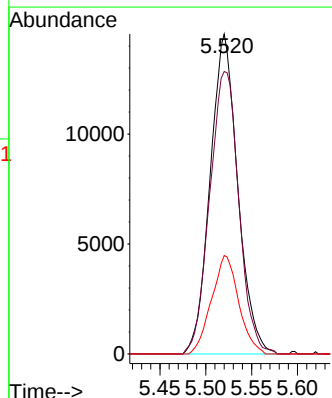
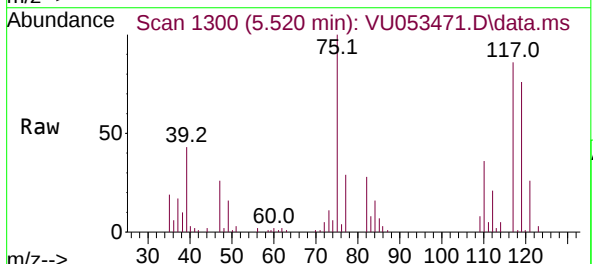
Manual Integrations
APPROVED

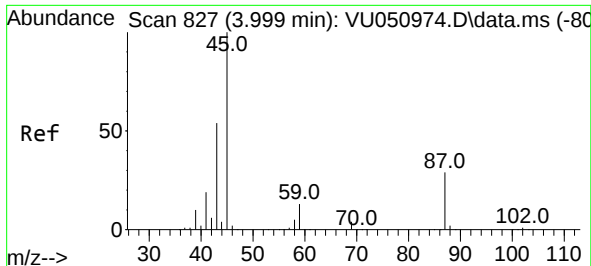
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#30
Carbon Tetrachloride
Concen: 1.934 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

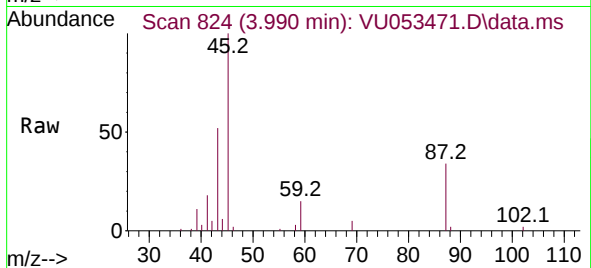
Tgt Ion:117 Resp: 30446
Ion Ratio Lower Upper
117 100
119 88.3 77.4 116.0
121 30.8 24.0 36.0





#31
Isopropyl Ether
Concen: 1.926 ug/l
RT: 3.990 min Scan# 81
Delta R.T. -0.010 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

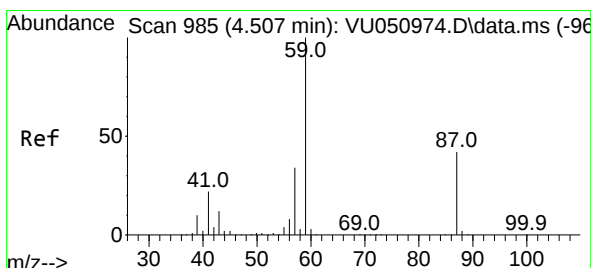
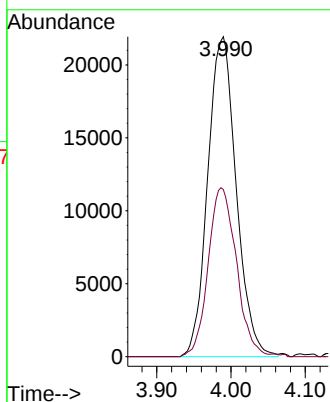
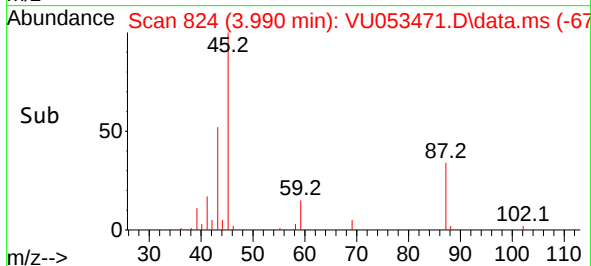
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01



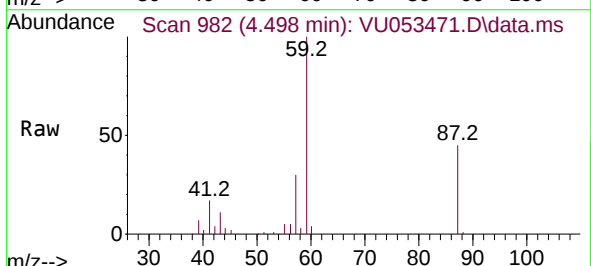
Tgt Ion: 45 Resp: 5854
Ion Ratio Lower Upper
45 100
43 52.2 27.5 82.5

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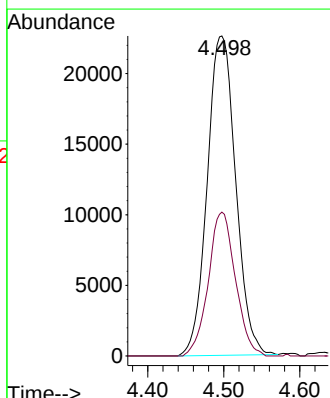
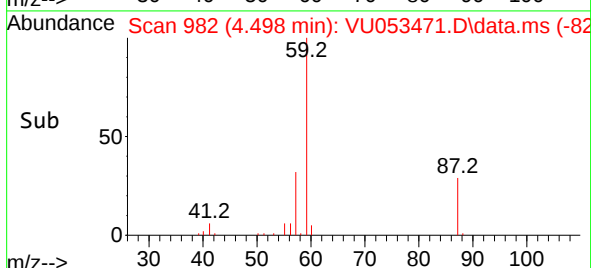
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

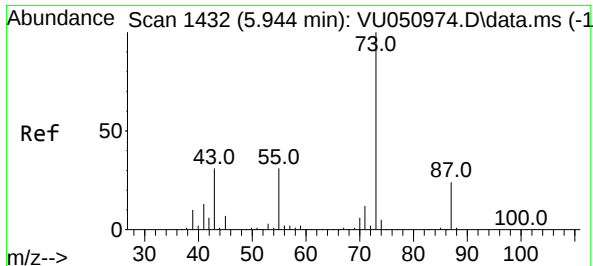


#32
Ethyl-t-butyl ether
Concen: 1.886 ug/l
RT: 4.498 min Scan# 982
Delta R.T. -0.010 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07



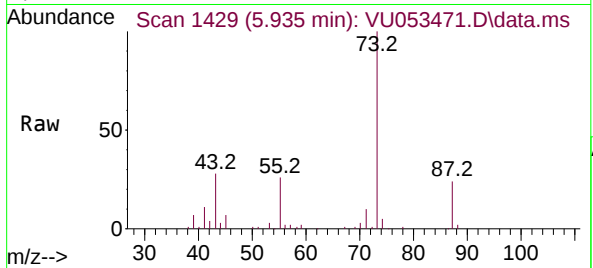
Tgt Ion: 59 Resp: 58915
Ion Ratio Lower Upper
59 100
87 42.8 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 1.861 ug/l
RT: 5.935 min Scan# 1432
Delta R.T. -0.010 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

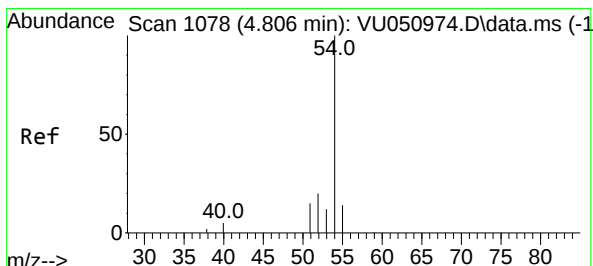
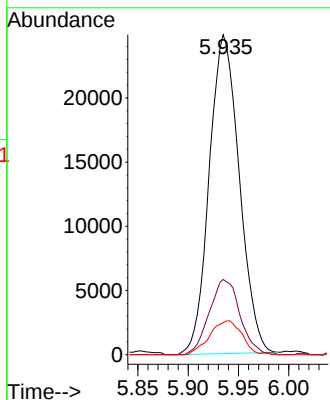
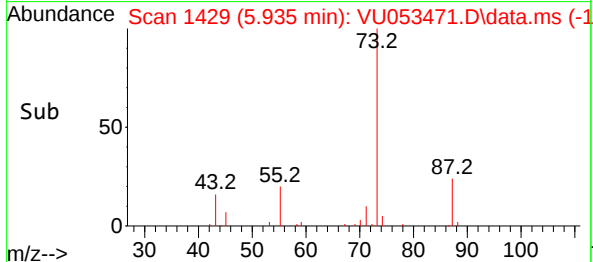
Instrument : MSVOA_U
ClientSampleId : VU0329WBS01



Tgt Ion: 73 Resp: 5167
Ion Ratio Lower Upper
73 100
87 24.1 18.6 28.0
71 11.4 9.9 14.9

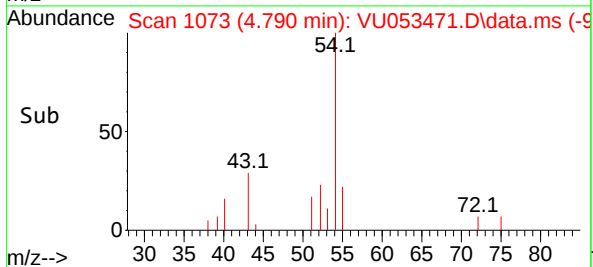
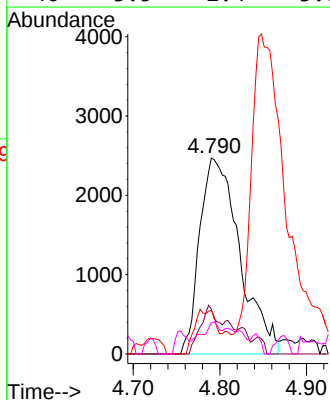
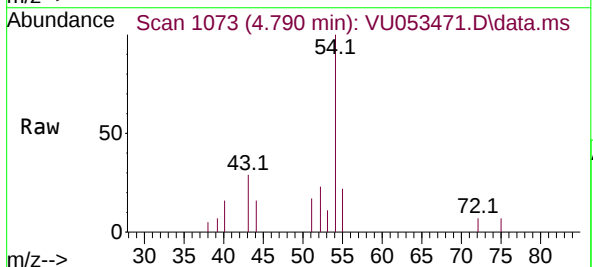
Manual Integrations
APPROVED

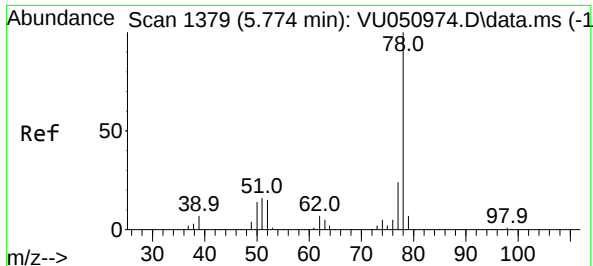
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#34
Propionitrile
Concen: 9.783 ug/l
RT: 4.790 min Scan# 1073
Delta R.T. -0.016 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Tgt Ion: 54 Resp: 7932
Ion Ratio Lower Upper
54 100
52 11.2 17.4 26.0#
55 6.7 104.1 156.1#
40 3.5 2.4 3.6





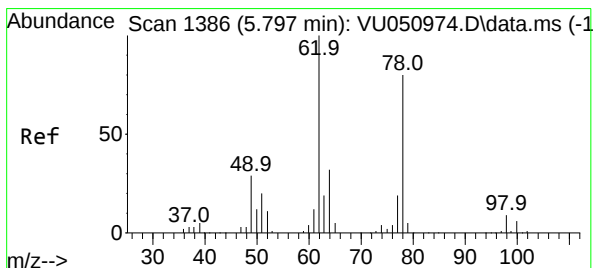
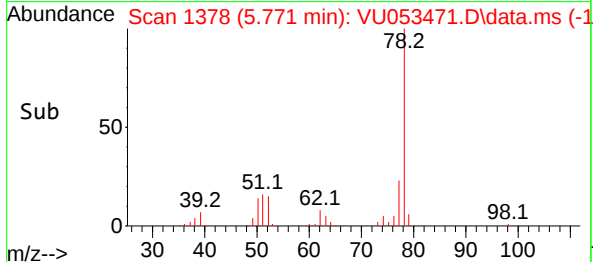
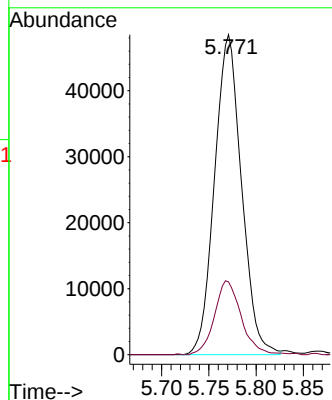
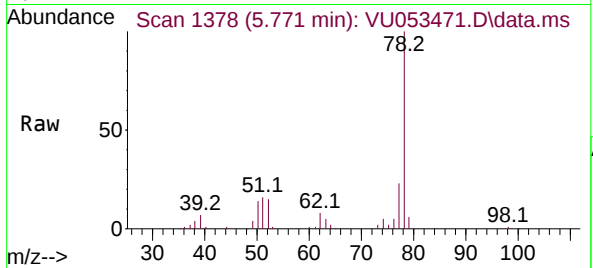
#35
Benzene
Concen: 1.920 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01

Tgt Ion: 78 Resp: 96128
Ion Ratio Lower Upper
78 100
77 22.5 18.9 28.3

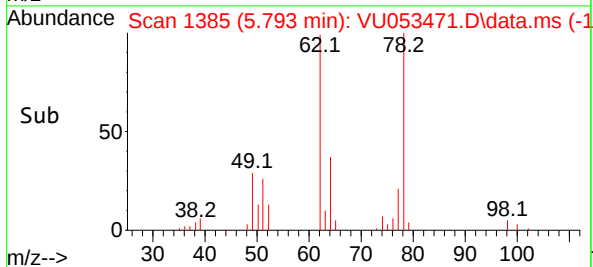
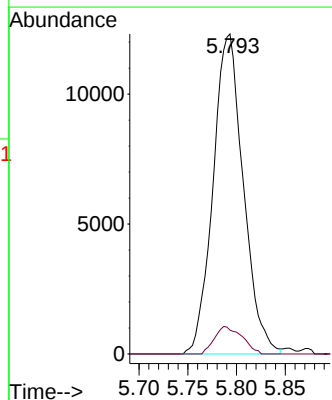
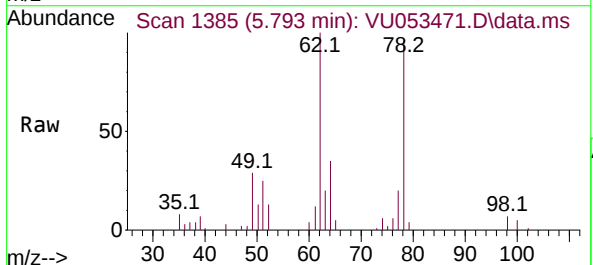
Manual Integrations
APPROVED

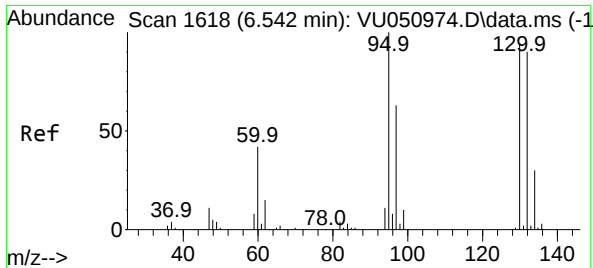
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#36
1,2-Dichloroethane
Concen: 1.850 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

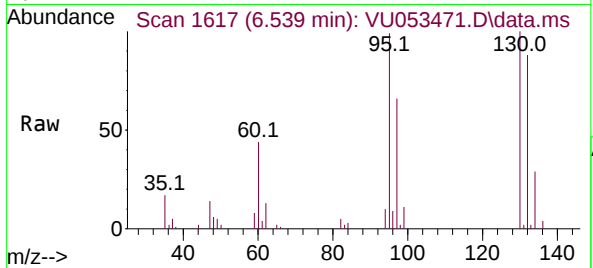
Tgt Ion: 62 Resp: 26605
Ion Ratio Lower Upper
62 100
98 7.8 7.3 10.9





#37
Trichloroethene
Concen: 2.008 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

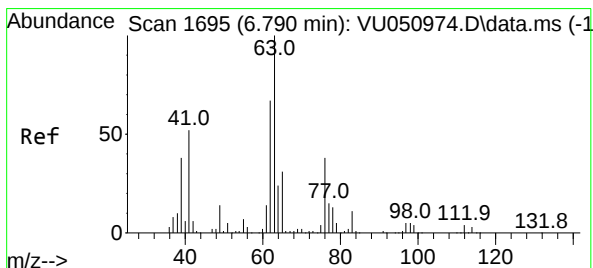
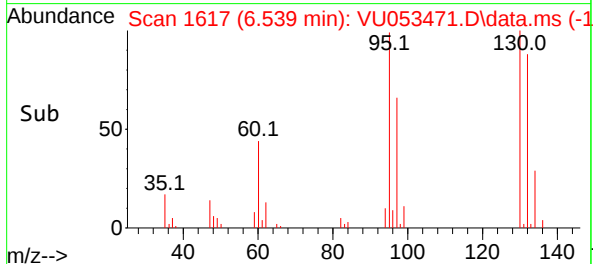
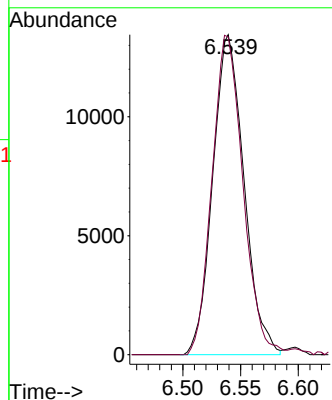
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01



Tgt Ion:130 Resp: 2528
Ion Ratio Lower Upper
130 100
95 99.3 85.0 127.6

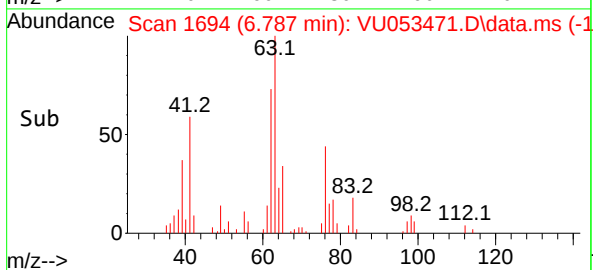
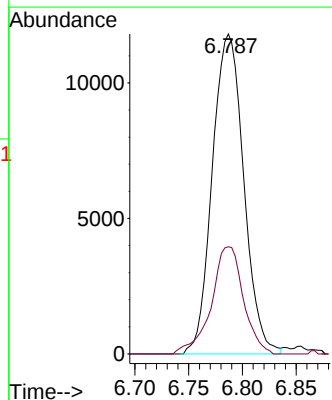
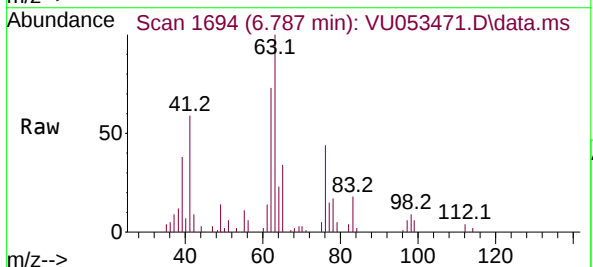
Manual Integrations
APPROVED

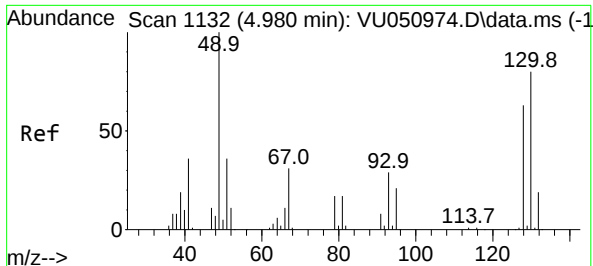
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#38
1,2-Dichloropropane
Concen: 1.871 ug/l
RT: 6.787 min Scan# 1694
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Tgt Ion: 63 Resp: 24003
Ion Ratio Lower Upper
63 100
65 33.5 24.9 37.3





#39

Methacrylonitrile

Concen: 1.668 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VU053471.D

Acq: 29 Mar 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBS01

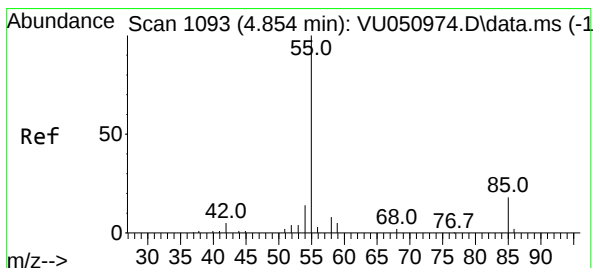
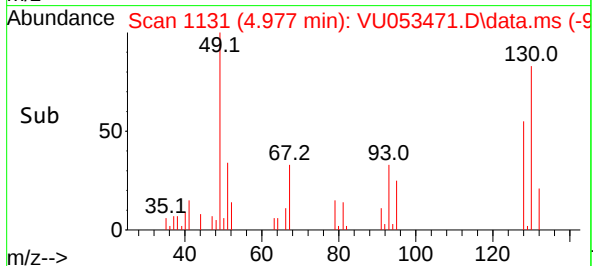
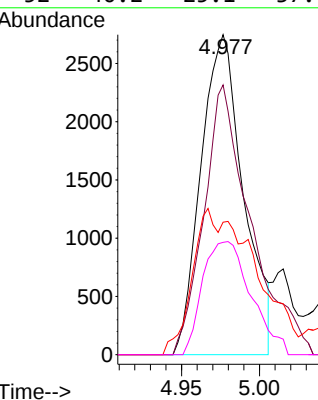
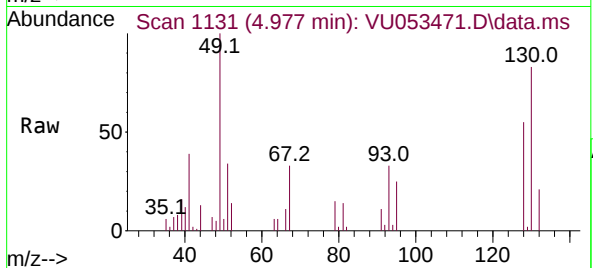
Tgt Ion:	41	Resp:	521
Ion	Ratio	Lower	Upper
41	100		
67	93.1	66.8	100.2
39	27.5	41.2	61.8
52	40.2	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#40

Methyl acrylate

Concen: 1.840 ug/l

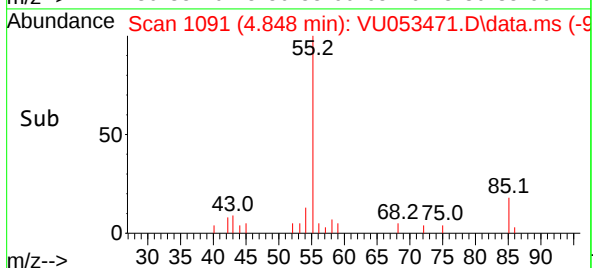
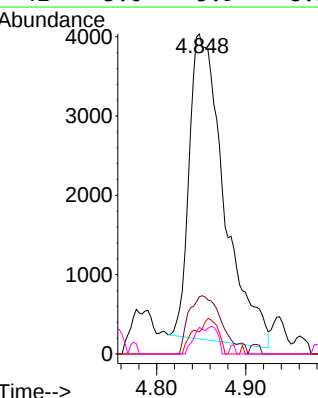
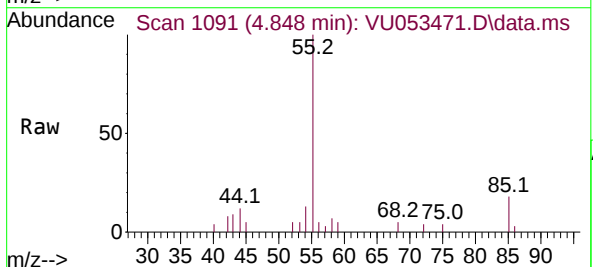
RT: 4.848 min Scan# 1091

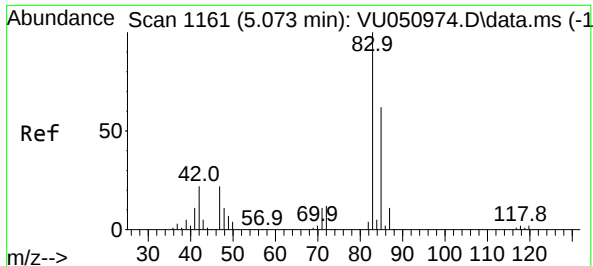
Delta R.T. -0.006 min

Lab File: VU053471.D

Acq: 29 Mar 2023 18:07

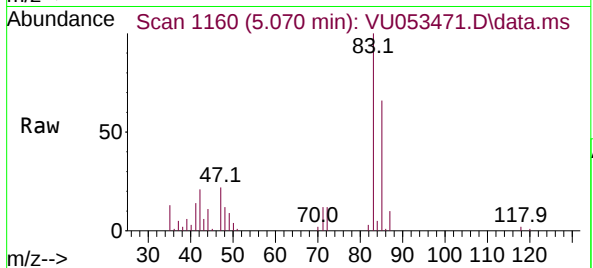
Tgt Ion:	55	Resp:	10431
Ion	Ratio	Lower	Upper
55	100		
85	17.5	13.3	19.9
58	7.8	6.5	9.7
42	3.0	5.9	8.9





#41
Tetrahydrofuran
Concen: 4.137 ug/l
RT: 5.070 min Scan# 1161
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

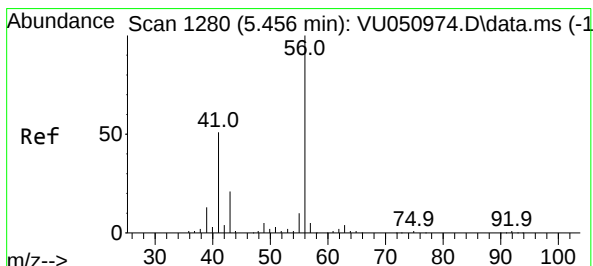
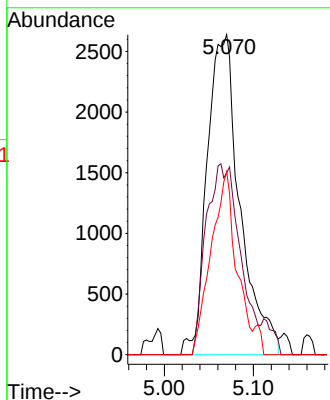
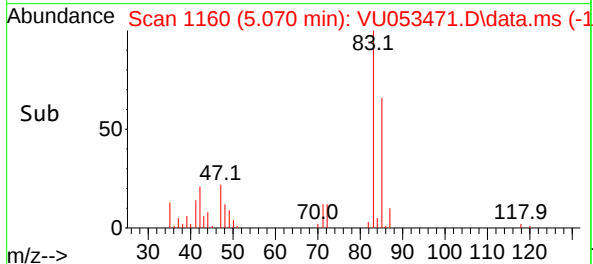
Instrument : MSVOA_U
ClientSampleId : VU0329WBS01



Tgt Ion: 42 Resp: 6754
Ion Ratio Lower Upper
42 100
72 62.2 40.9 61.3
71 44.2 36.9 55.3

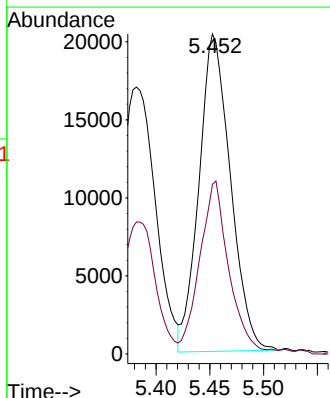
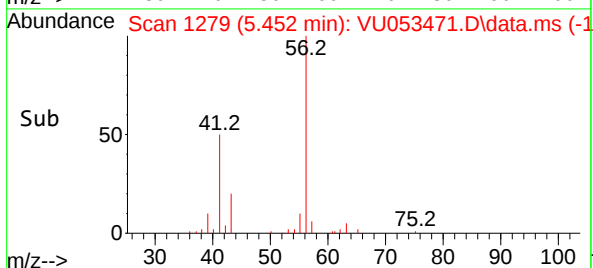
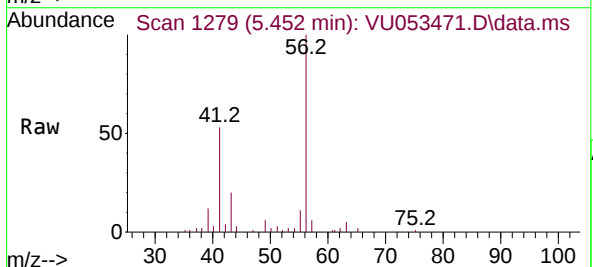
Manual Integrations
APPROVED

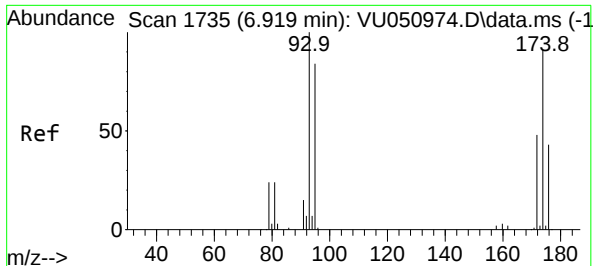
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#42
1-Chlorobutane
Concen: 1.817 ug/l
RT: 5.452 min Scan# 1279
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Tgt Ion: 56 Resp: 41361
Ion Ratio Lower Upper
56 100
41 48.8 25.2 75.6





#43

Dibromomethane

Concen: 1.975 ug/l

RT: 6.915 min Scan# 1735

Delta R.T. -0.003 min

Lab File: VU053471.D

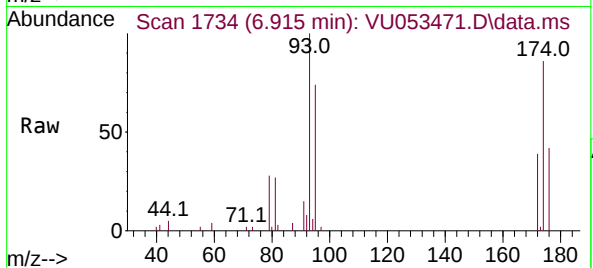
Acq: 29 Mar 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBS01



Tgt Ion: 93 Resp: 12069

Ion Ratio Lower Upper

93 100

95 78.3 67.0 100.6

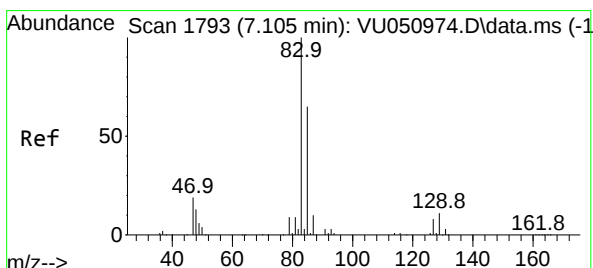
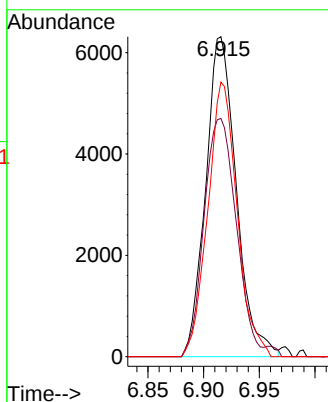
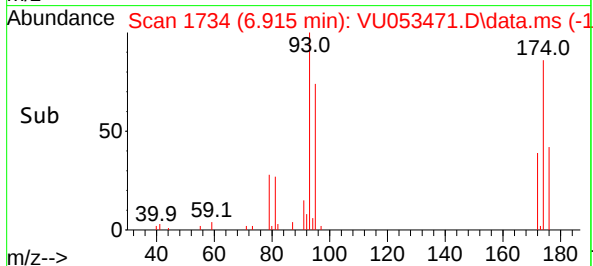
174 82.1 73.8 110.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#44

Bromodichloromethane

Concen: 1.842 ug/l

RT: 7.102 min Scan# 1792

Delta R.T. -0.003 min

Lab File: VU053471.D

Acq: 29 Mar 2023 18:07

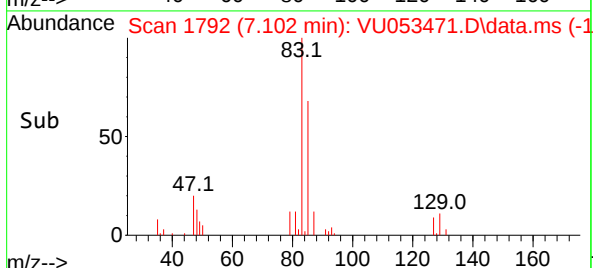
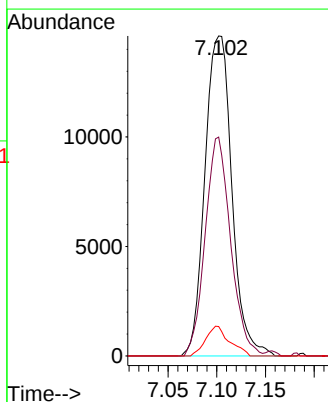
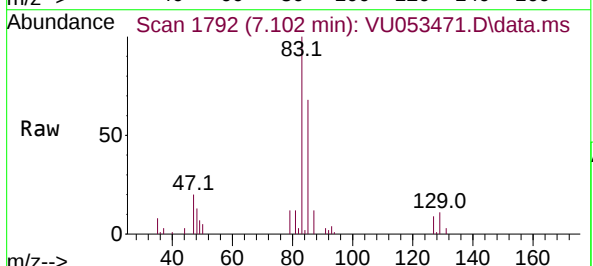
Tgt Ion: 83 Resp: 28144

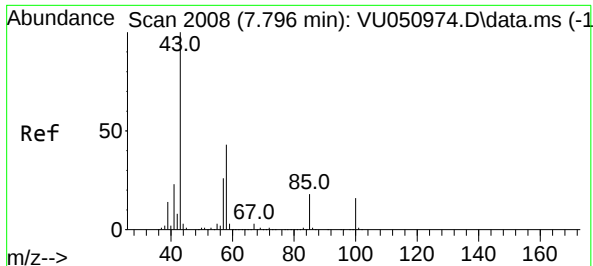
Ion Ratio Lower Upper

83 100

85 68.4 51.9 77.9

127 9.2 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 9.484 ug/l

RT: 7.787 min Scan# 2005

Delta R.T. -0.010 min

Lab File: VU053471.D

Acq: 29 Mar 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBS01

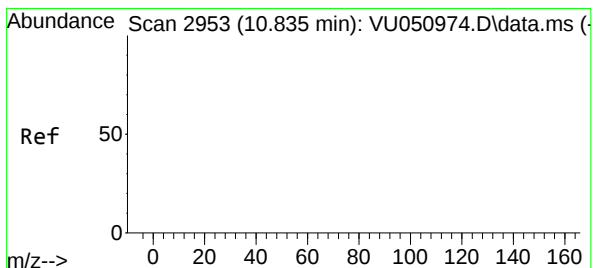
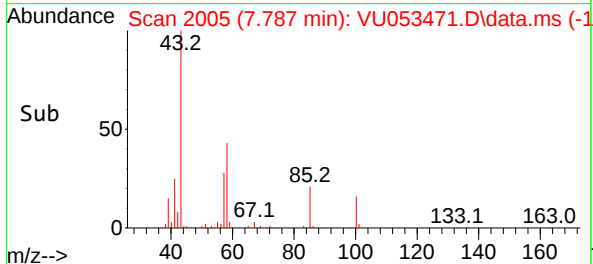
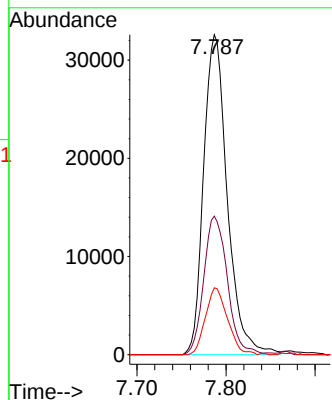
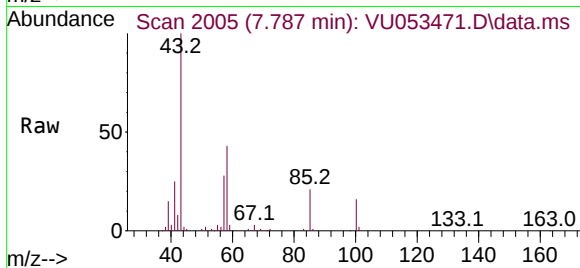
Tgt Ion:	43	Resp:	6012
Ion Ratio	Lower	Upper	
43	100		
58	43.3	20.9	62.8
85	19.5	14.6	21.8

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: 3.040 ug/l m

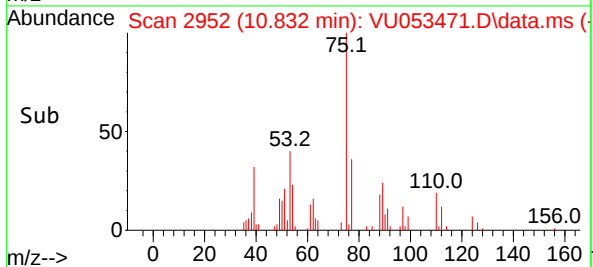
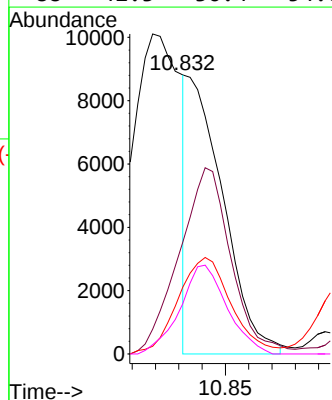
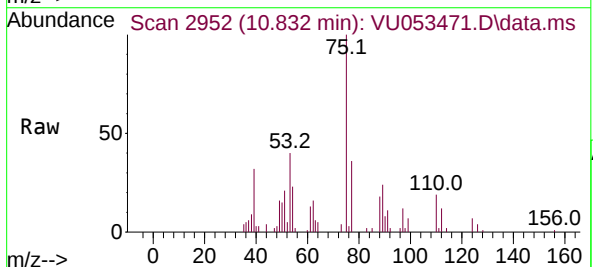
RT: 10.832 min Scan# 2952

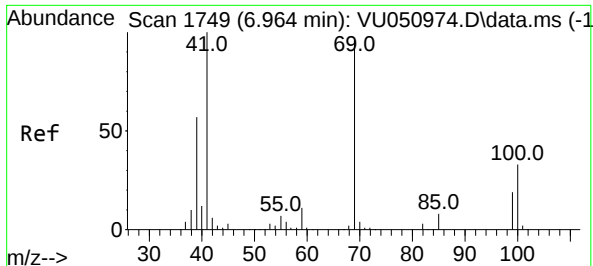
Delta R.T. -0.003 min

Lab File: VU053471.D

Acq: 29 Mar 2023 18:07

Tgt Ion:	75	Resp:	9354
Ion Ratio	Lower	Upper	
75	100		
53	97.0	73.3	109.9
89	51.7	48.2	72.4
88	42.3	36.4	54.6





#47

Methyl methacrylate

Concen: 3.664 ug/l

RT: 6.960 min Scan# 1749

Delta R.T. -0.004 min

Lab File: VU053471.D

Acq: 29 Mar 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBS01

Tgt Ion: 69 Resp: 20589

Ion Ratio Lower Upper

69 100

41 93.4 0.0 209.2

39 58.9 46.7 70.1

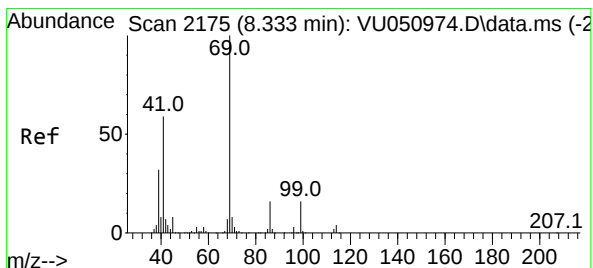
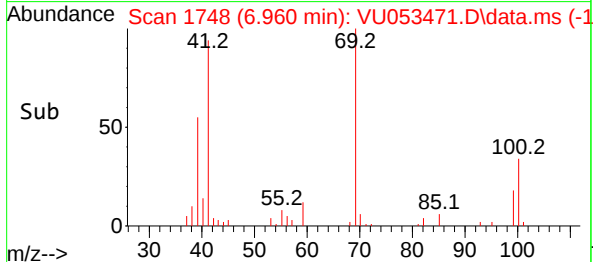
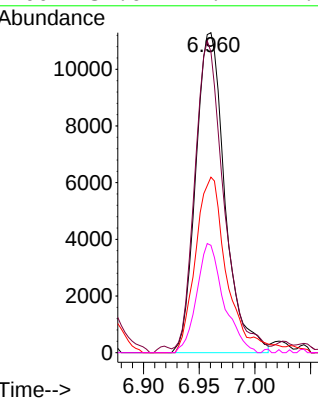
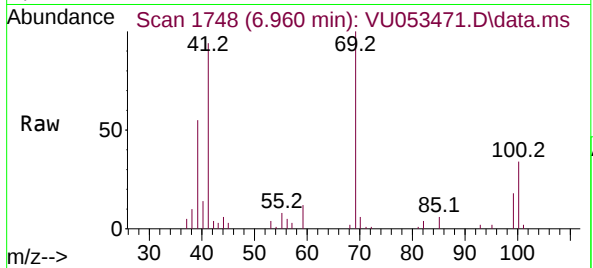
100 31.6 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#48

Ethyl methacrylate

Concen: 1.885 ug/l

RT: 8.330 min Scan# 2174

Delta R.T. -0.003 min

Lab File: VU053471.D

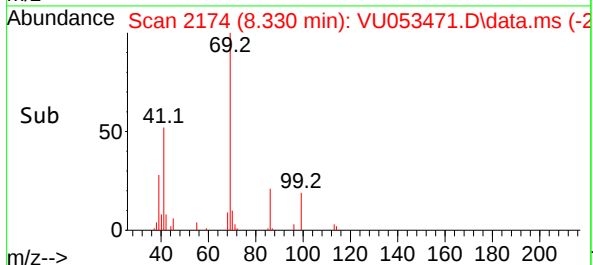
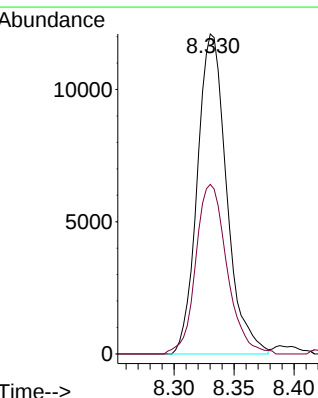
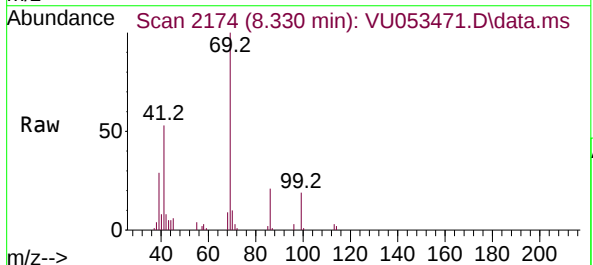
Acq: 29 Mar 2023 18:07

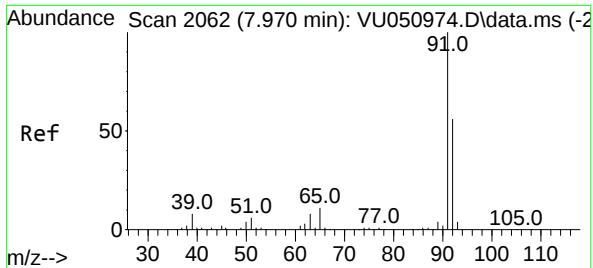
Tgt Ion: 69 Resp: 20547

Ion Ratio Lower Upper

69 100

41 56.4 30.3 90.8





#49

Toluene

Concen: 1.904 ug/l

RT: 7.964 min Scan# 2060

Delta R.T. -0.006 min

Lab File: VU053471.D

Acq: 29 Mar 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBS01

Tgt Ion: 92 Resp: 58436

Ion Ratio Lower Upper

92 100

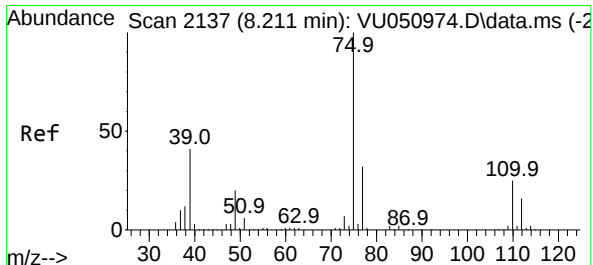
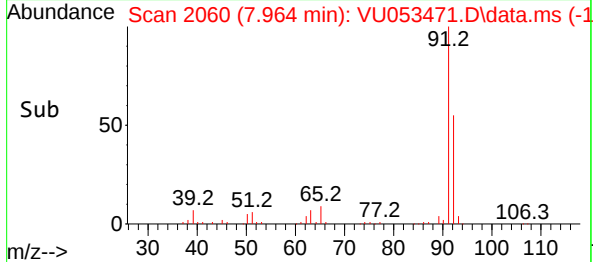
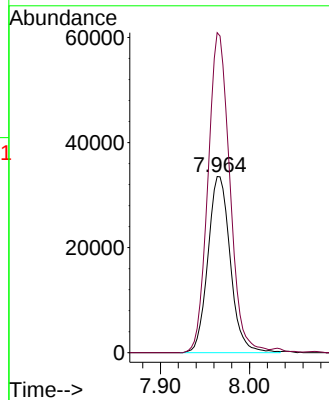
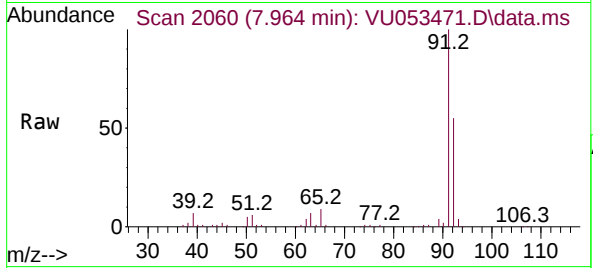
91 177.7 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#50

t-1,3-Dichloropropene

Concen: 1.913 ug/l

RT: 8.205 min Scan# 2135

Delta R.T. -0.006 min

Lab File: VU053471.D

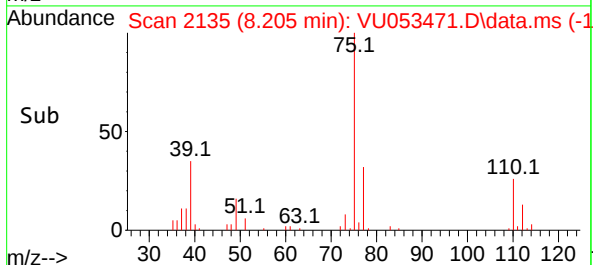
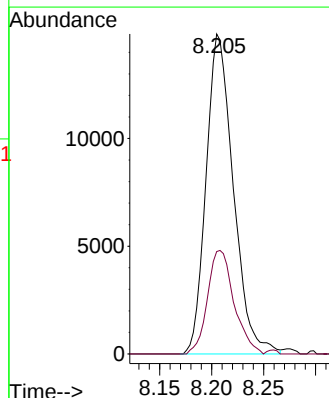
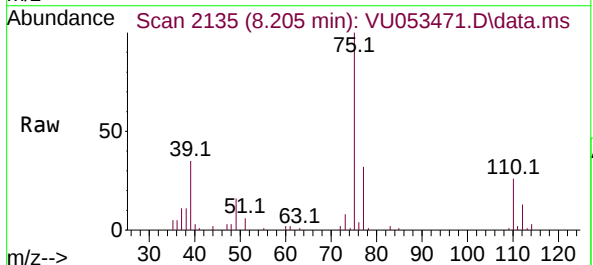
Acq: 29 Mar 2023 18:07

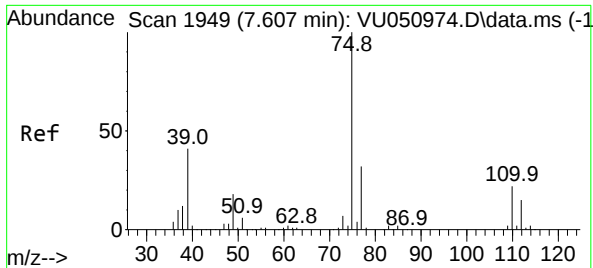
Tgt Ion: 75 Resp: 27085

Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 1.973 ug/l
 RT: 7.604 min Scan# 1949
 Delta R.T. -0.003 min
 Lab File: VU053471.D
 Acq: 29 Mar 2023 18:07

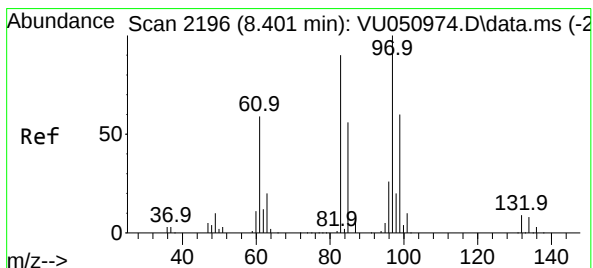
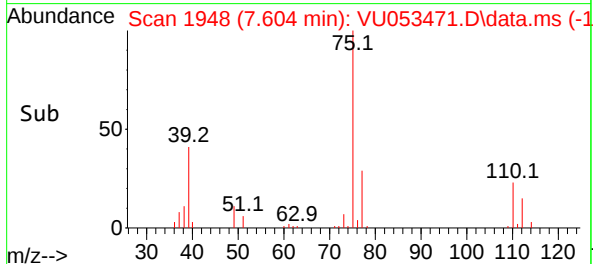
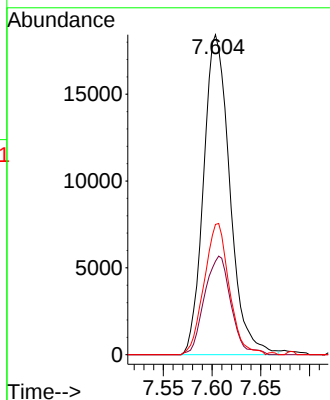
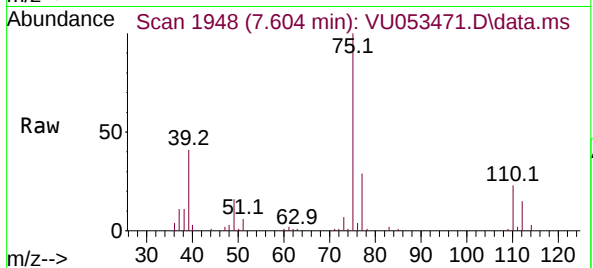
Instrument : MSVOA_U
 ClientSampleId : VU0329WBS01

Tgt Ion: 75 Resp: 34590

Ion	Ratio	Lower	Upper
75	100		
77	29.2	25.7	38.5
39	40.7	32.8	49.2

Manual Integrations
 APPROVED

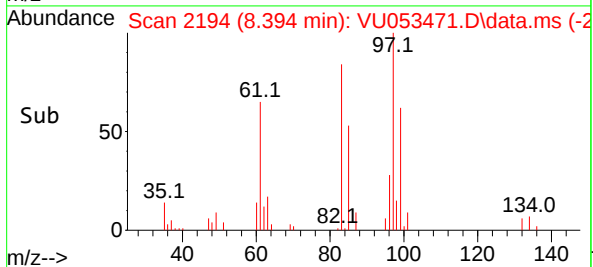
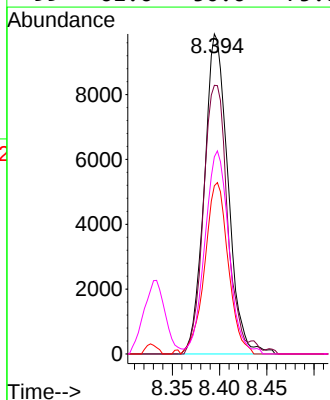
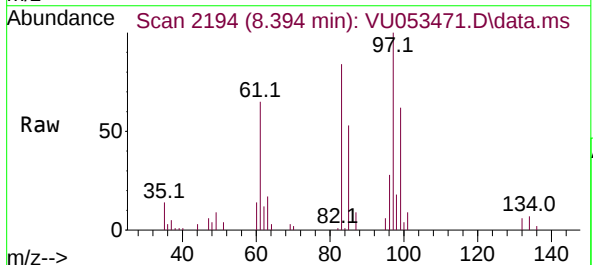
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023

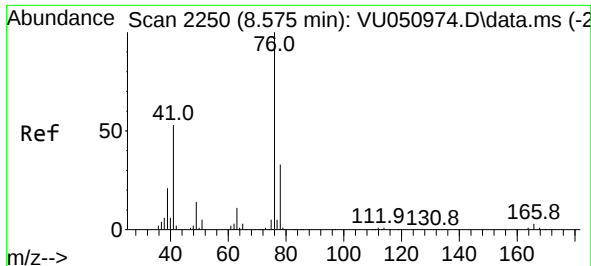


#52
 1,1,2-Trichloroethane
 Concen: 1.944 ug/l
 RT: 8.394 min Scan# 2194
 Delta R.T. -0.006 min
 Lab File: VU053471.D
 Acq: 29 Mar 2023 18:07

Tgt Ion: 97 Resp: 17233

Ion	Ratio	Lower	Upper
97	100		
83	83.9	71.8	107.8
85	52.5	45.2	67.8
99	61.6	50.6	75.8





#53

1,3-Dichloropropane

Concen: 1.931 ug/l

RT: 8.571 min Scan# 2249

Delta R.T. -0.003 min

Lab File: VU053471.D

Acq: 29 Mar 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBS01

Tgt Ion: 76 Resp: 2952

Ion Ratio Lower Upper

76 100

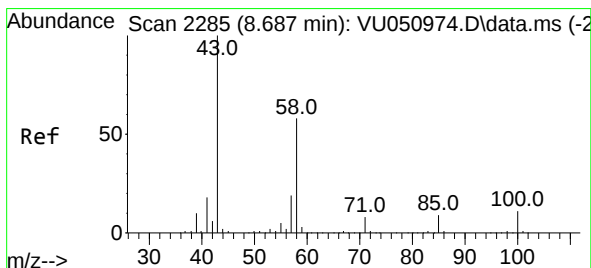
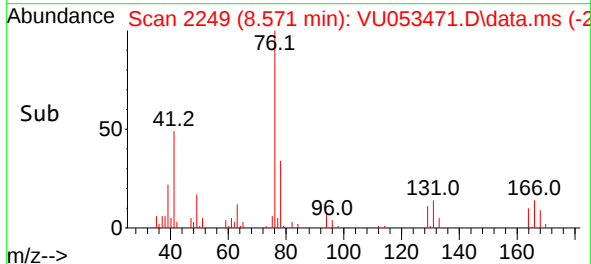
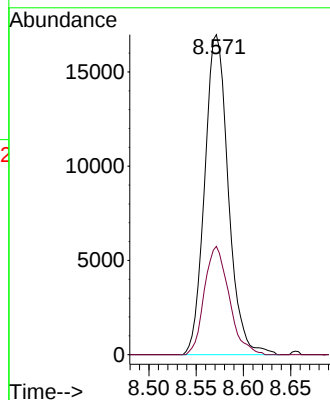
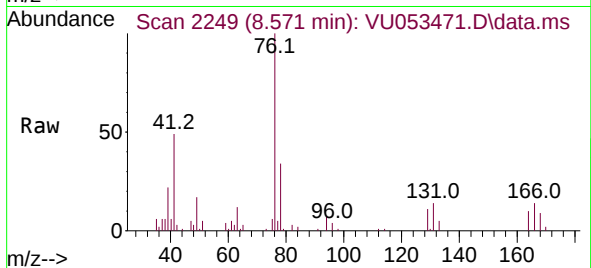
78 35.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#54

2-Hexanone

Concen: 6.980 ug/l

RT: 8.681 min Scan# 2283

Delta R.T. -0.006 min

Lab File: VU053471.D

Acq: 29 Mar 2023 18:07

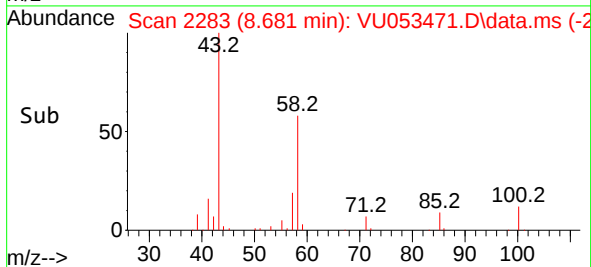
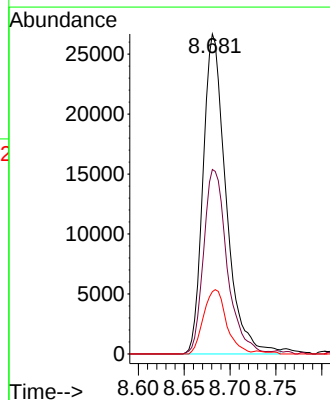
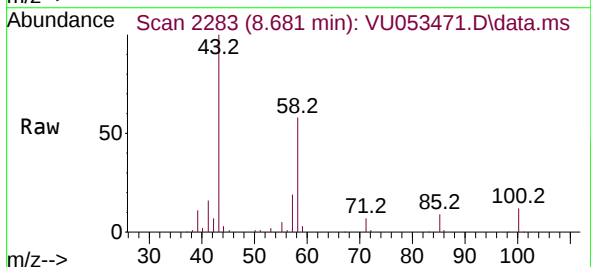
Tgt Ion: 43 Resp: 46430

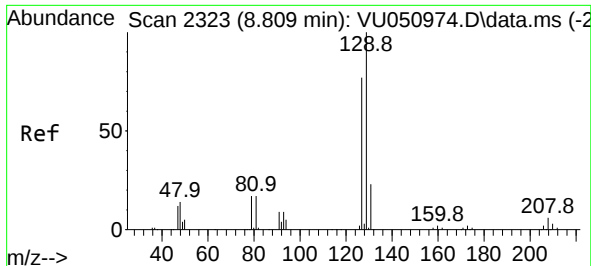
Ion Ratio Lower Upper

43 100

58 59.2 38.2 78.2

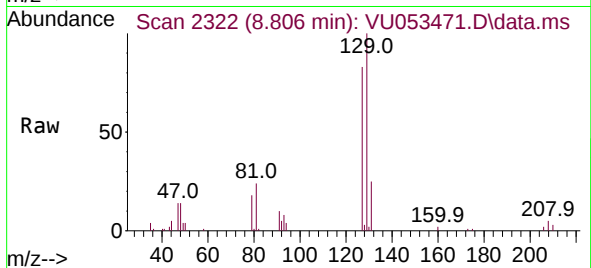
57 20.0 0.0 39.1





#55
Dibromochloromethane
Concen: 1.748 ug/l
RT: 8.806 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

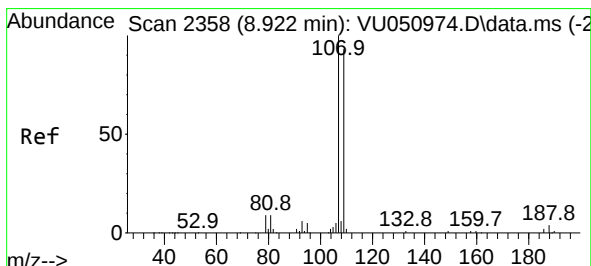
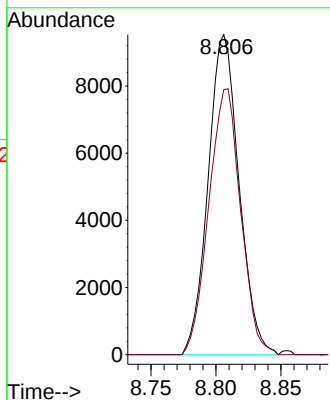
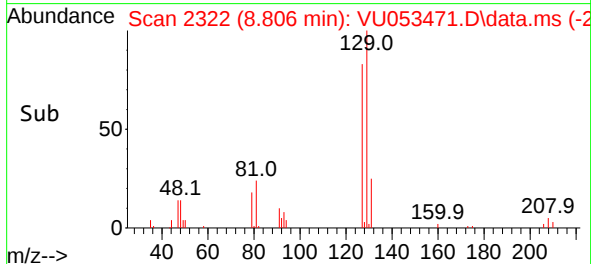
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01



Tgt Ion:129 Resp: 1577
Ion Ratio Lower Upper
129 100
127 85.7 61.4 92.0

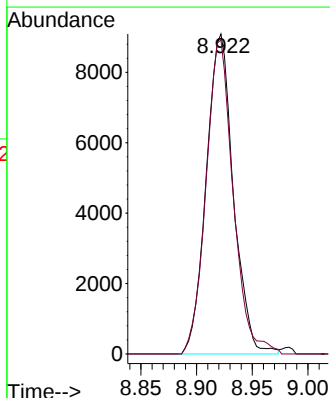
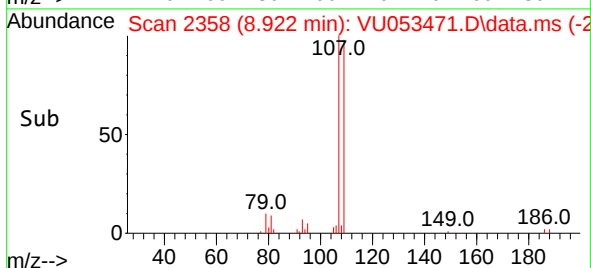
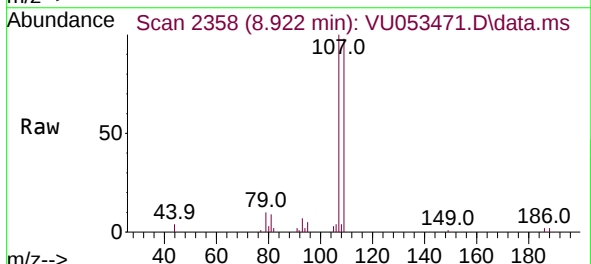
Manual Integrations
APPROVED

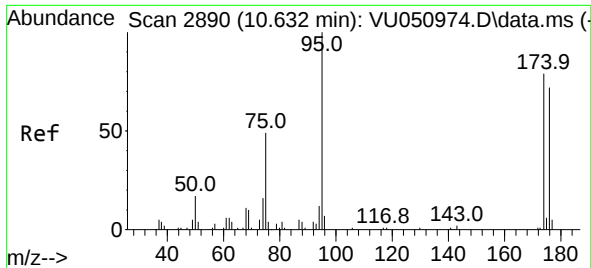
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#56
1,2-Dibromoethane
Concen: 1.888 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

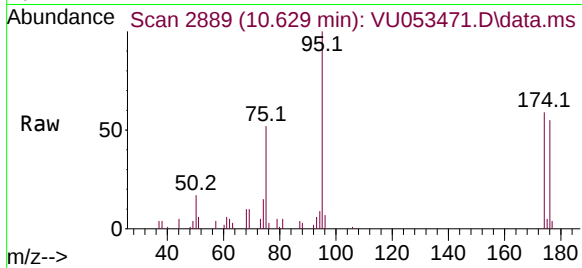
Tgt Ion:107 Resp: 15417
Ion Ratio Lower Upper
107 100
109 98.0 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.990 ug/l
RT: 10.629 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

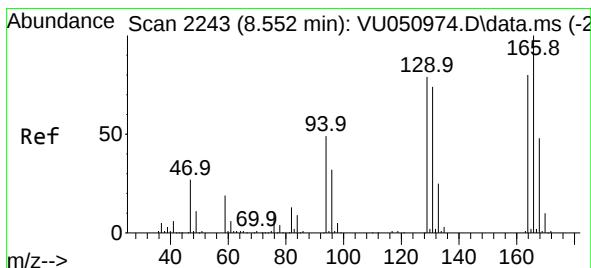
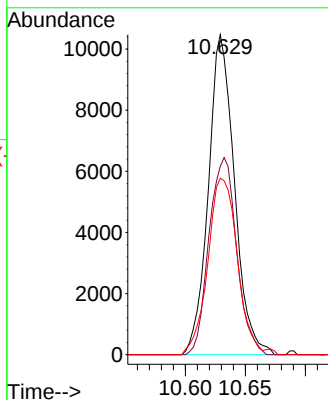
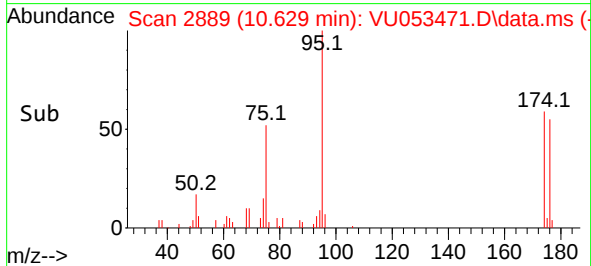
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01



Tgt Ion: 95 Resp: 15854
Ion Ratio Lower Upper
95 100
174 65.1 63.3 94.9
176 62.6 59.3 88.9

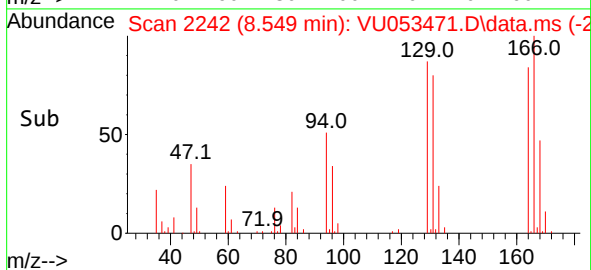
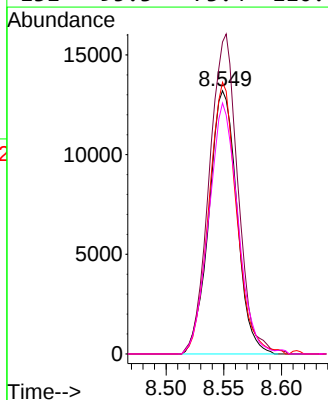
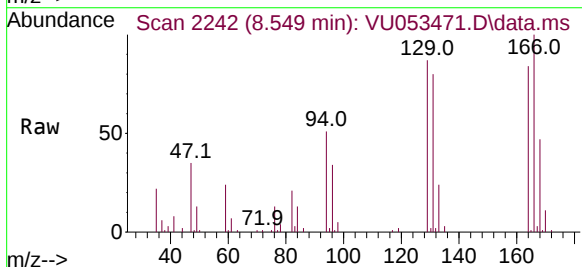
Manual Integrations
APPROVED

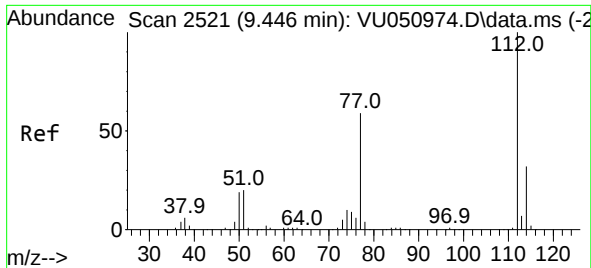
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#58
Tetrachloroethene
Concen: 1.883 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

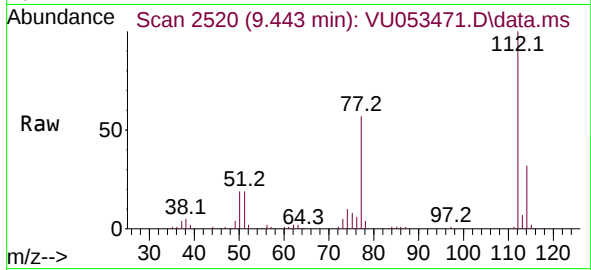
Tgt Ion:164 Resp: 22172
Ion Ratio Lower Upper
164 100
166 118.5 99.6 149.4
129 103.2 78.6 117.8
131 95.3 73.4 110.0





#59
Chlorobenzene
Concen: 1.933 ug/l
RT: 9.443 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

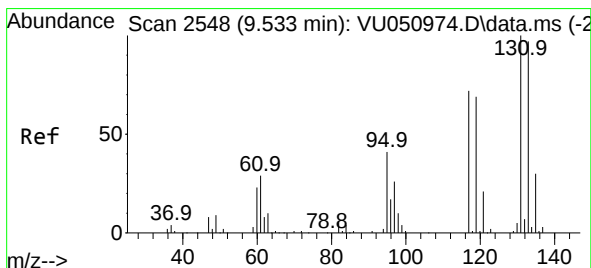
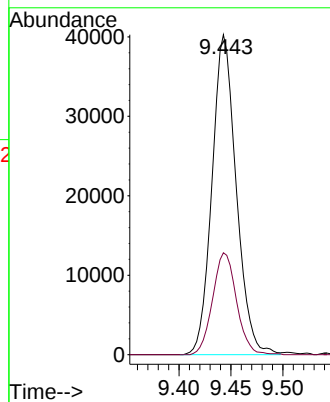
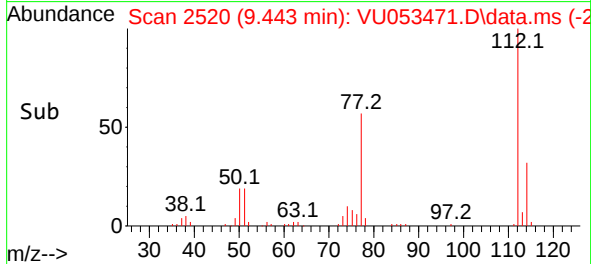
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01



Tgt Ion:112 Resp: 65299
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4

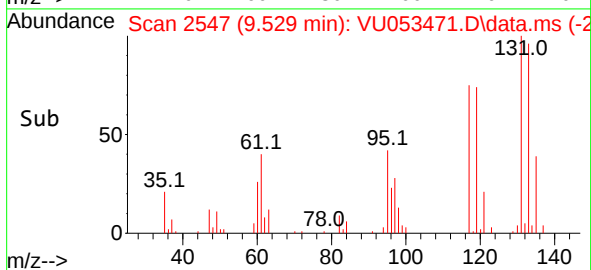
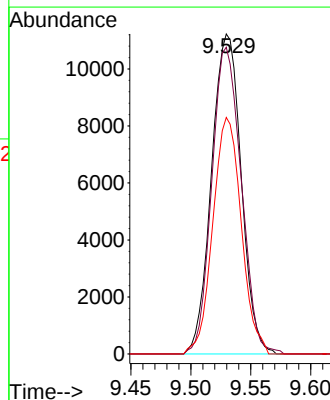
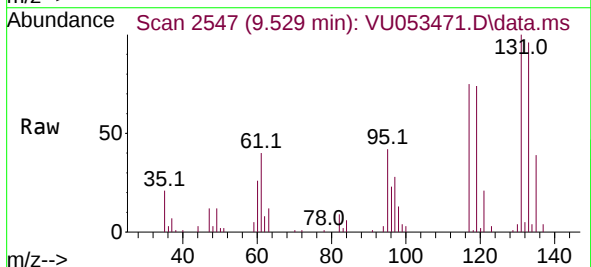
Manual Integrations
APPROVED

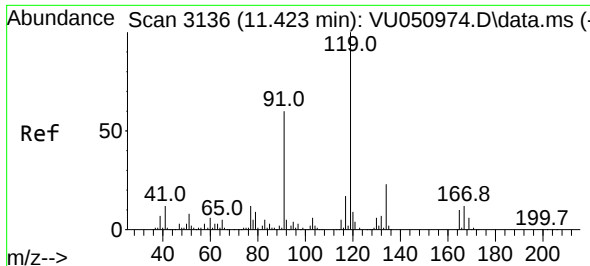
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 1.878 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Tgt Ion:131 Resp: 19282
Ion Ratio Lower Upper
131 100
133 95.1 77.8 116.6
119 70.9 55.2 82.8





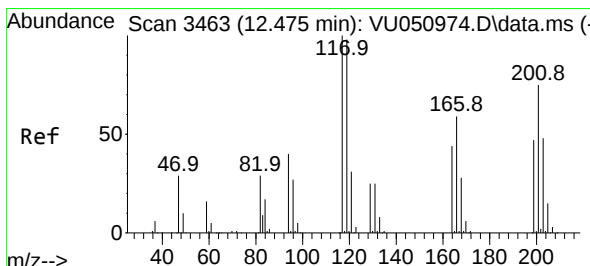
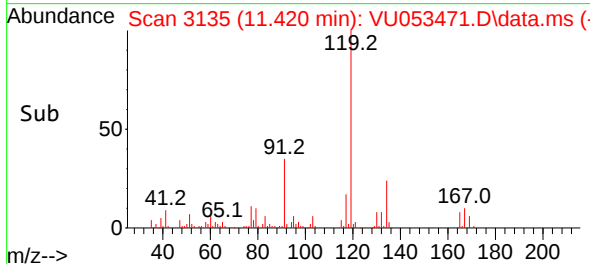
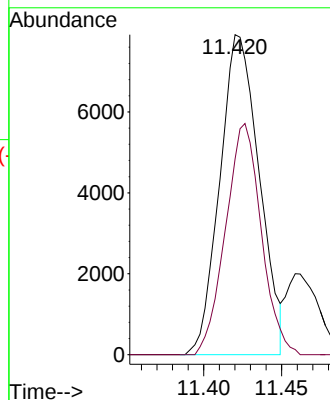
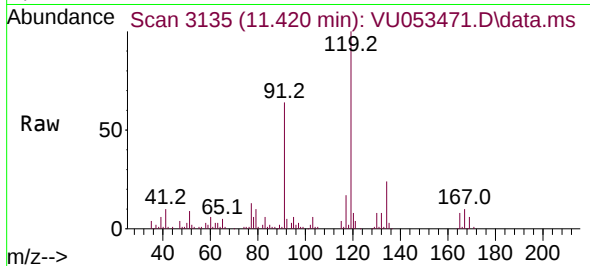
#61
Pentachloroethane
Concen: 1.927 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01

Tgt Ion:117 Resp: 13904
Ion Ratio Lower Upper
117 100
167 65.4 56.7 85.1

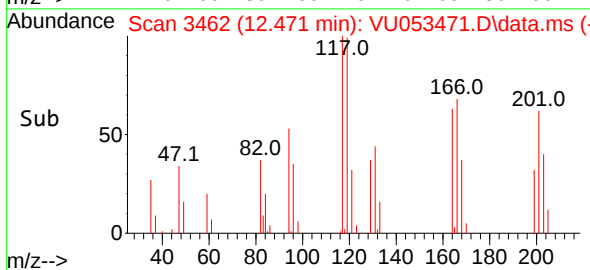
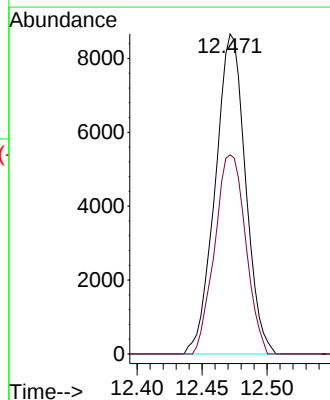
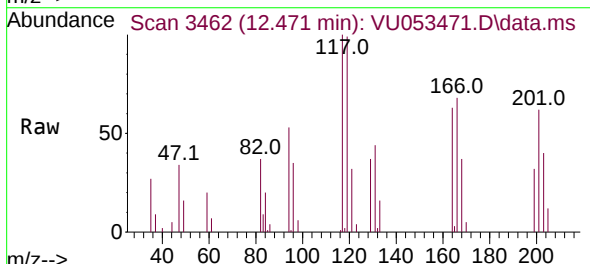
Manual Integrations
APPROVED

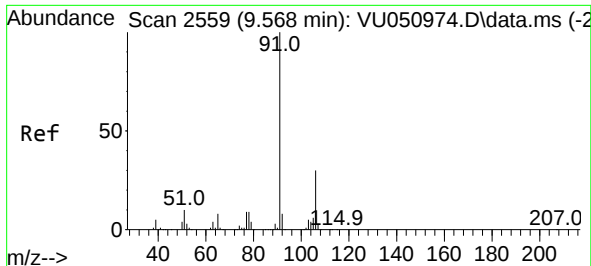
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#62
Hexachloroethane
Concen: 1.829 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. -0.004 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Tgt Ion:117 Resp: 14016
Ion Ratio Lower Upper
117 100
201 63.5 59.6 89.4





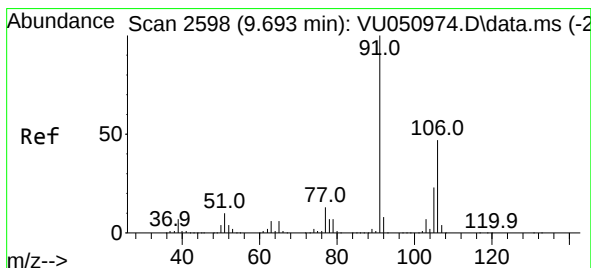
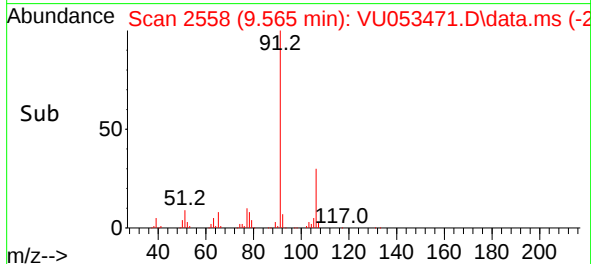
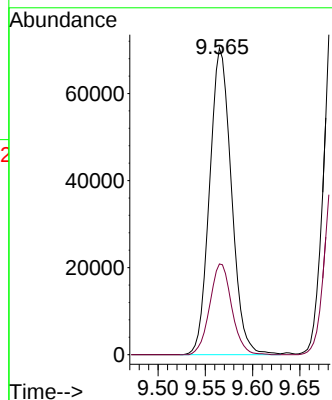
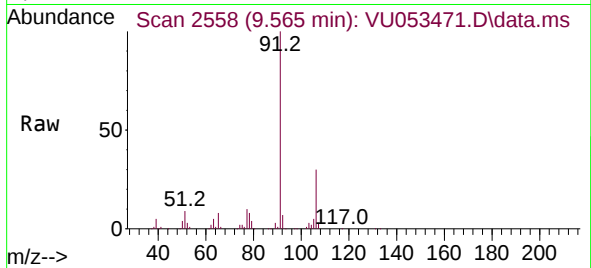
#63
Ethyl Benzene
Concen: 1.909 ug/l
RT: 9.565 min Scan# 2558
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01

Tgt Ion: 91 Resp: 11308
Ion Ratio Lower Upper
91 100
106 29.6 24.2 36.2

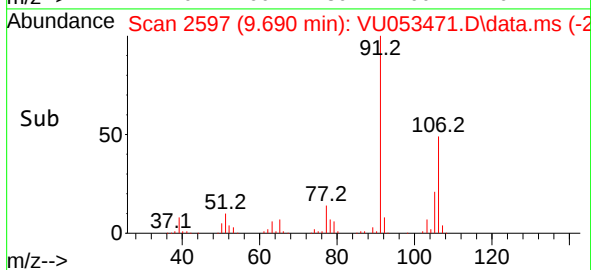
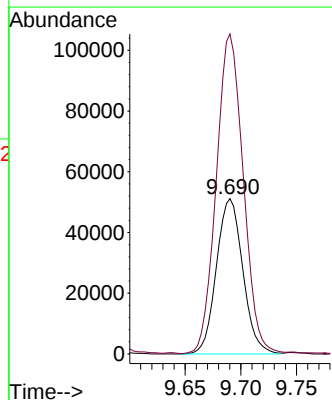
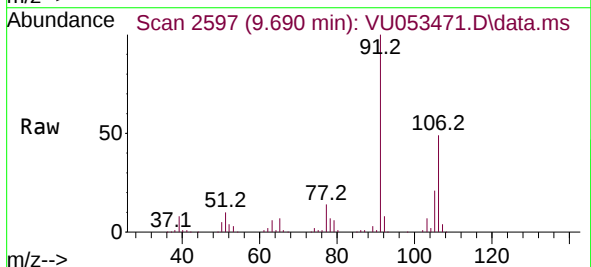
Manual Integrations
APPROVED

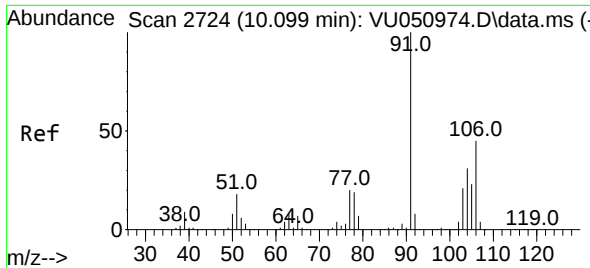
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#64
m/p-Xylenes
Concen: 3.725 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Tgt Ion:106 Resp: 84379
Ion Ratio Lower Upper
106 100
91 209.8 167.3 250.9





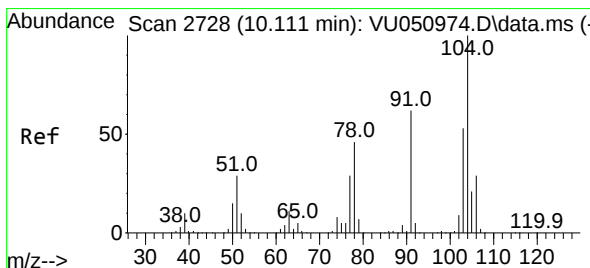
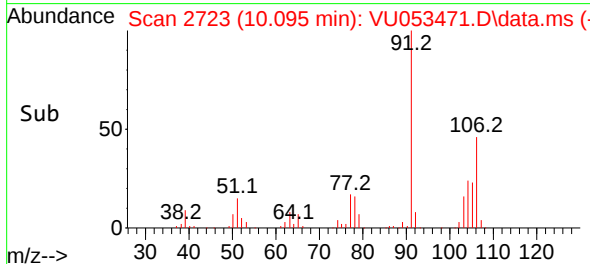
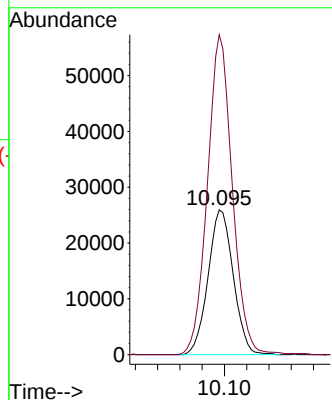
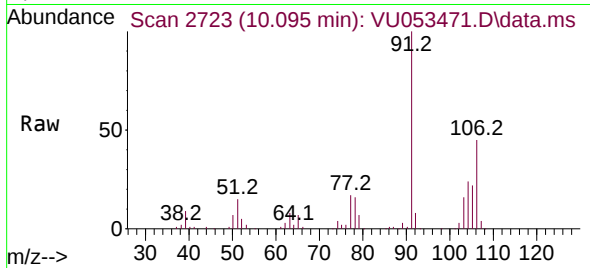
#65
o-Xylene
Concen: 1.838 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. -0.004 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01

Tgt Ion:106 Resp: 40750
Ion Ratio Lower Upper
106 100
91 218.4 109.3 327.9

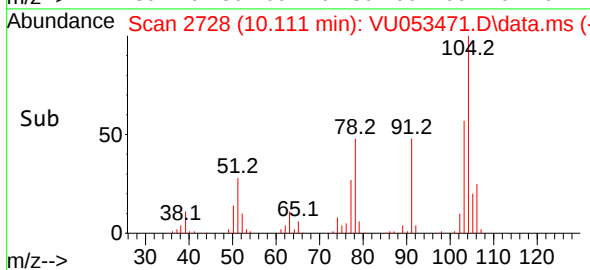
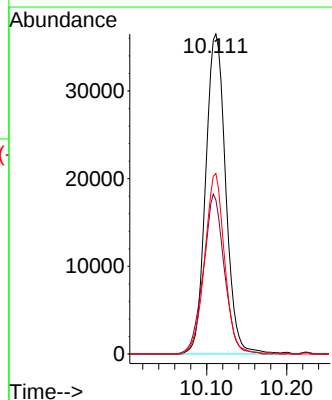
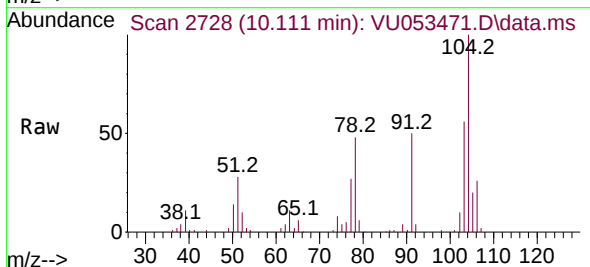
Manual Integrations
APPROVED

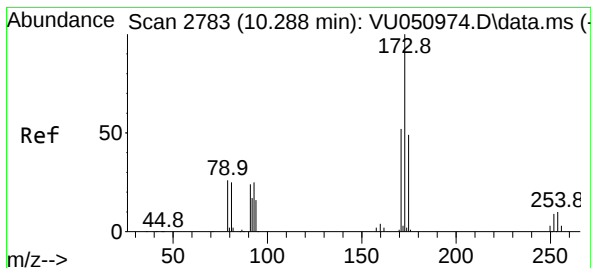
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#66
Styrene
Concen: 1.865 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Tgt Ion:104 Resp: 63582
Ion Ratio Lower Upper
104 100
78 52.4 39.7 59.5
103 56.3 44.8 67.2





#67

Bromoform

Concen: 1.819 ug/l

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU053471.D

Acq: 29 Mar 2023 18:07

Instrument :

MSVOA_U

ClientSampleId :

VU0329WBS01

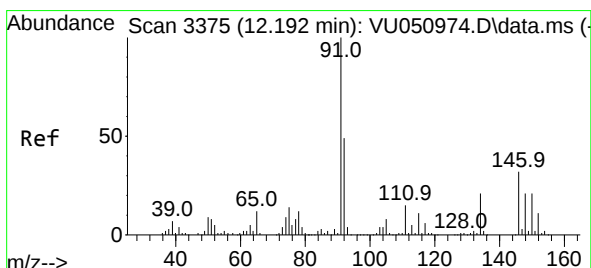
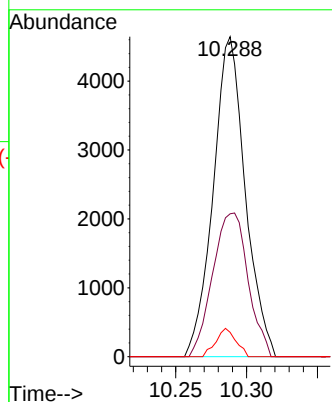
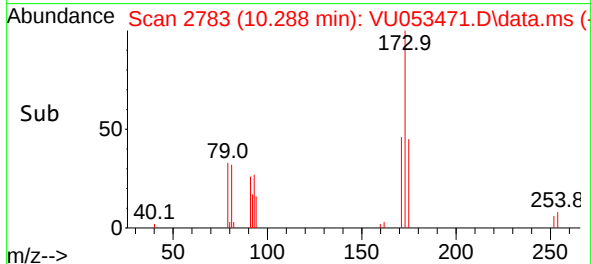
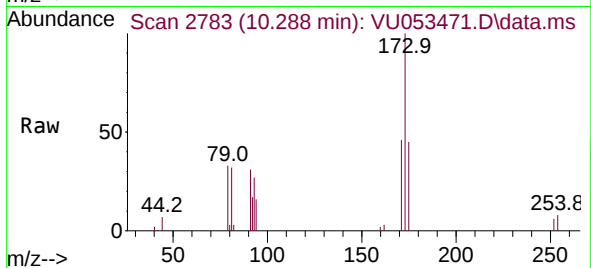
Tgt Ion:	173	Resp:	7290
Ion Ratio	Lower	Upper	
173	100		
175	49.5	39.0	58.6
254	5.6	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#68

1,2-Dichlorobenzene-d4

Concen: 0.933 ug/l

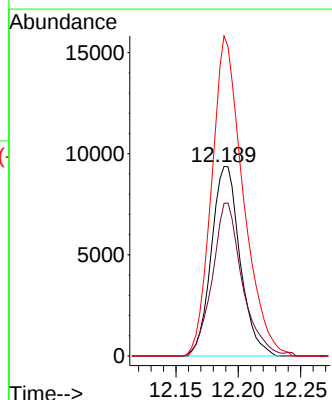
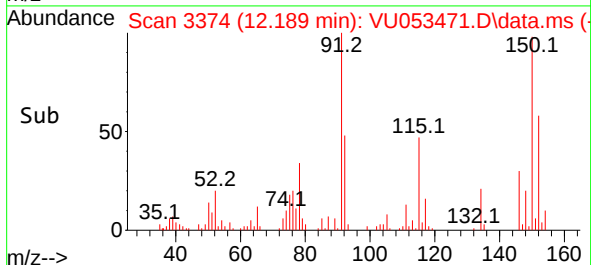
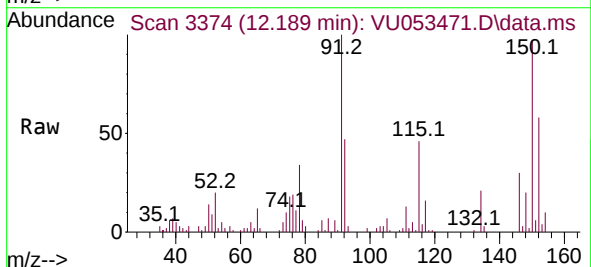
RT: 12.189 min Scan# 3374

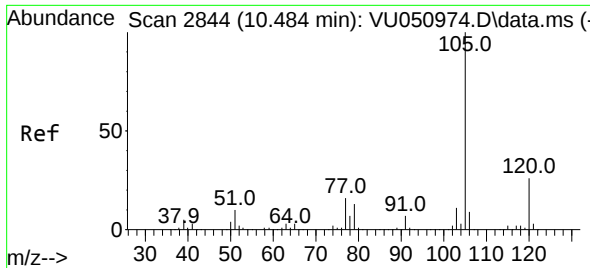
Delta R.T. -0.003 min

Lab File: VU053471.D

Acq: 29 Mar 2023 18:07

Tgt Ion:	152	Resp:	14992
Ion Ratio	Lower	Upper	
152	100		
115	84.5	0.0	308.8
150	185.0	0.0	635.0





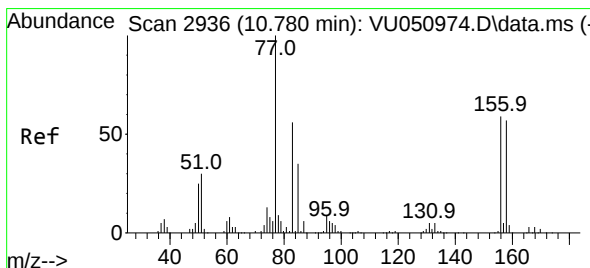
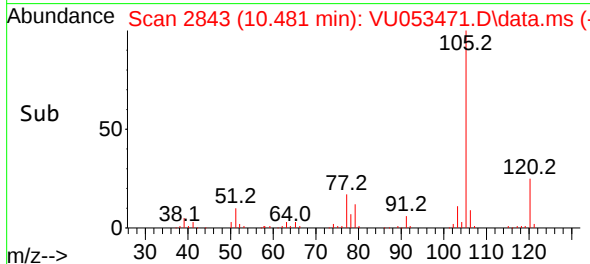
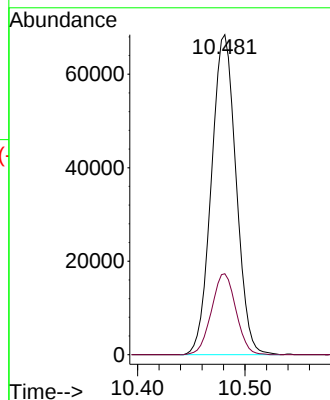
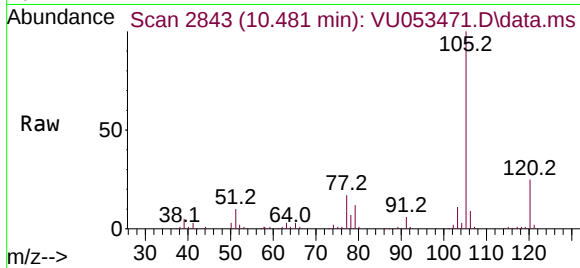
#69
Isopropylbenzene
Concen: 1.881 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01

Tgt Ion:105 Resp: 10919
Ion Ratio Lower Upper
105 100
120 25.1 12.8 38.4

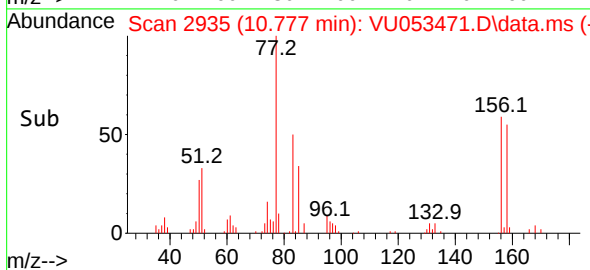
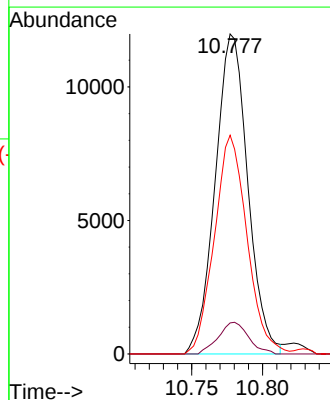
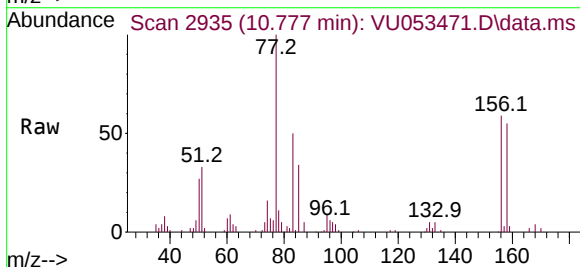
Manual Integrations
APPROVED

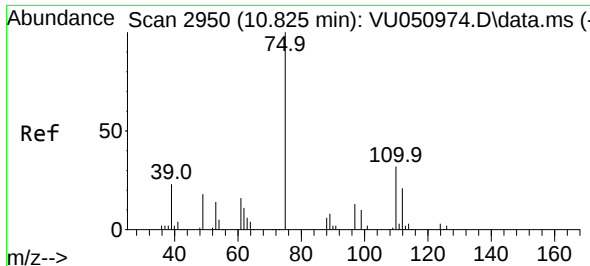
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 1.797 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

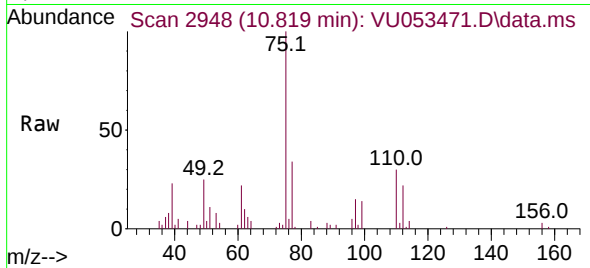
Tgt Ion: 83 Resp: 19173
Ion Ratio Lower Upper
83 100
131 9.2 7.2 10.8
85 68.4 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 2.155 ug/l m
RT: 10.819 min Scan# 2948
Delta R.T. -0.006 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

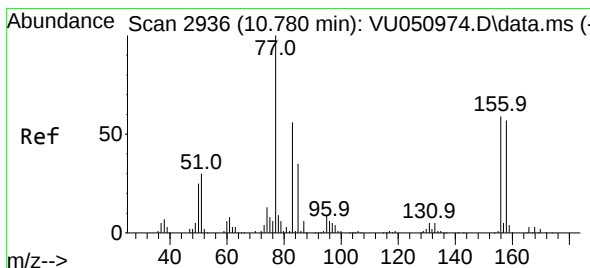
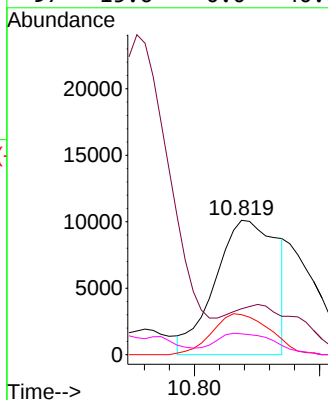
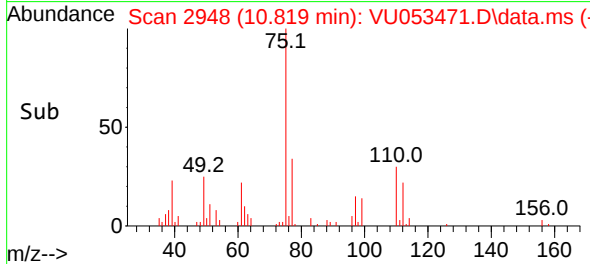
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01



Tgt Ion: 75 Resp: 17359
Ion Ratio Lower Upper
75 100
77 0.0 0.0 116.4
110 28.5 0.0 74.6
97 15.6 0.0 40.0

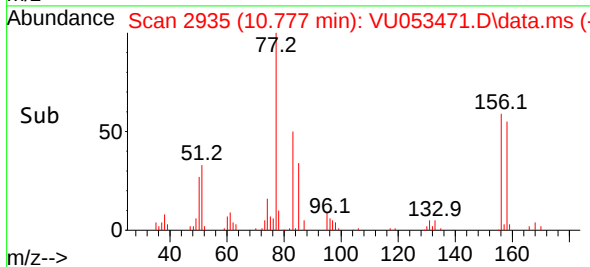
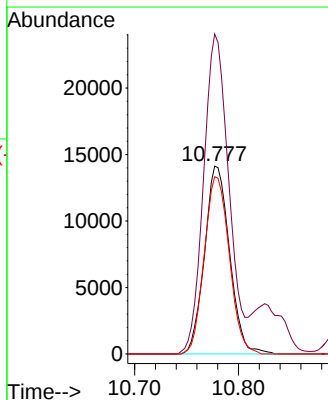
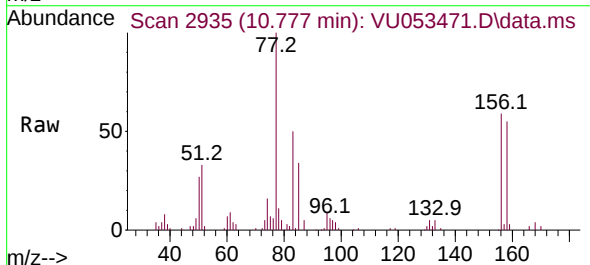
Manual Integrations
APPROVED

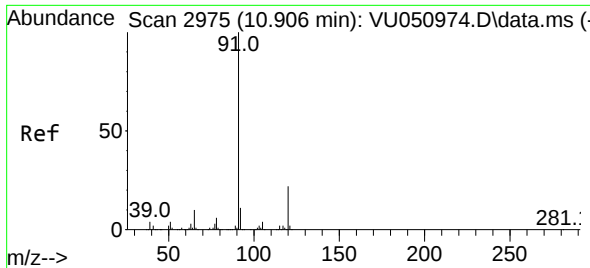
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#72
Bromobenzene
Concen: 1.946 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

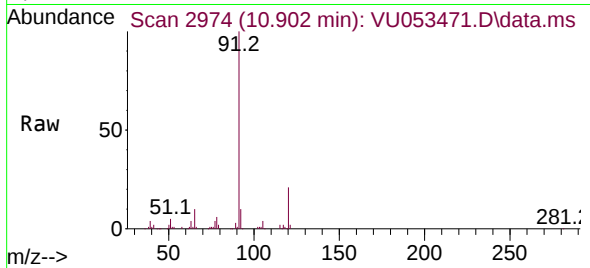
Tgt Ion:156 Resp: 23666
Ion Ratio Lower Upper
156 100
77 172.2 0.0 343.0
158 94.2 0.0 194.8





#73
n-propylbenzene
Concen: 1.870 ug/l
RT: 10.902 min Scan# 2975
Delta R.T. -0.004 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

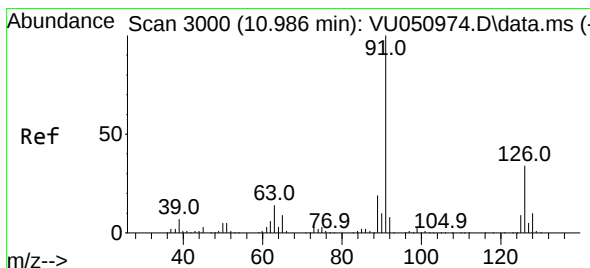
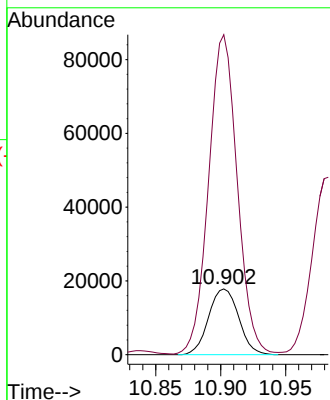
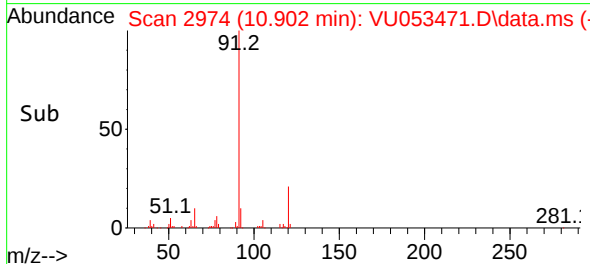
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01



Tgt Ion:120 Resp: 28678
Ion Ratio Lower Upper
120 100
91 460.8 369.8 554.6

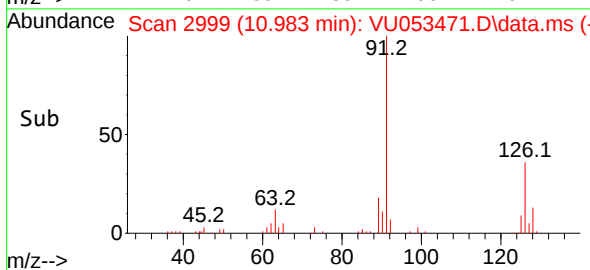
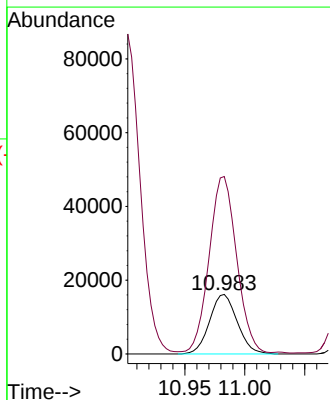
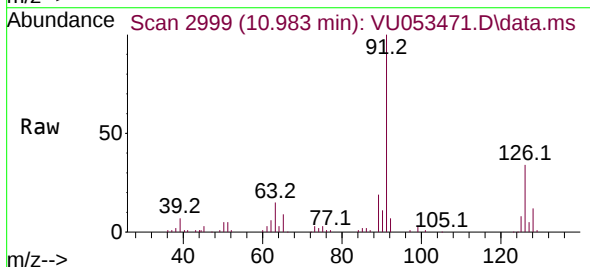
Manual Integrations
APPROVED

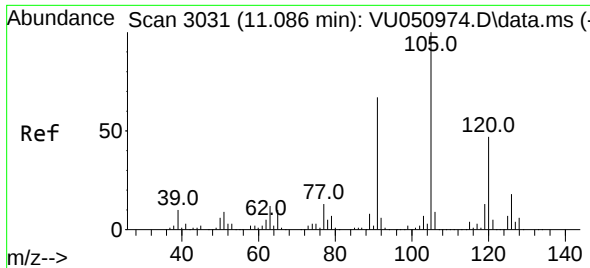
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#74
2-Chlorotoluene
Concen: 1.947 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Tgt Ion:126 Resp: 25817
Ion Ratio Lower Upper
126 100
91 293.8 0.0 610.0





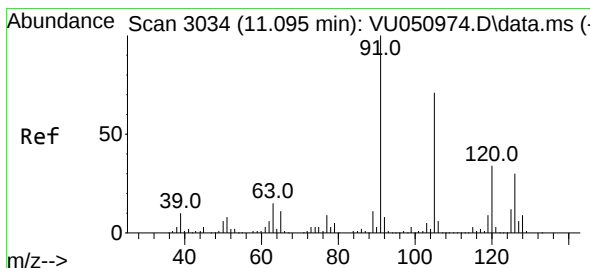
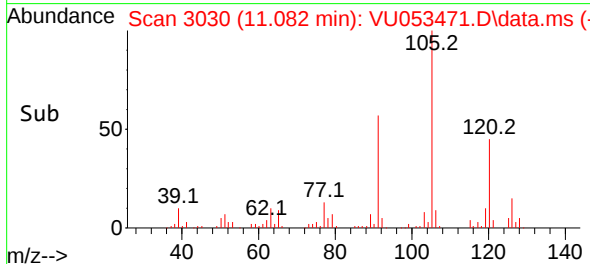
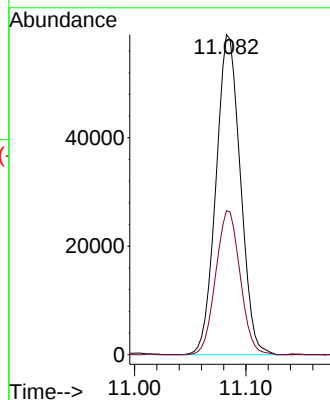
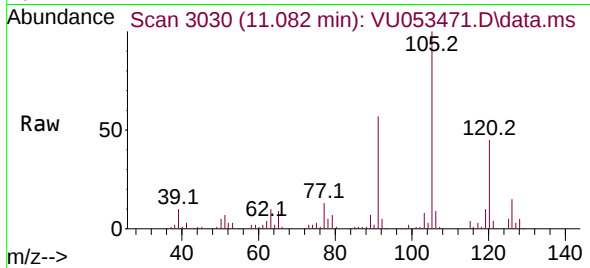
#75
1,3,5-Trimethylbenzene
Concen: 1.842 ug/l
RT: 11.082 min Scan# 3031
Delta R.T. -0.004 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01

Tgt Ion:105 Resp: 89812
Ion Ratio Lower Upper
105 100
120 45.0 37.8 56.8

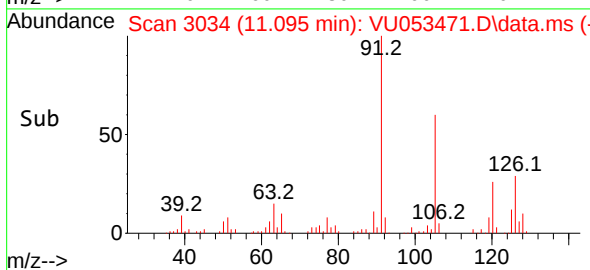
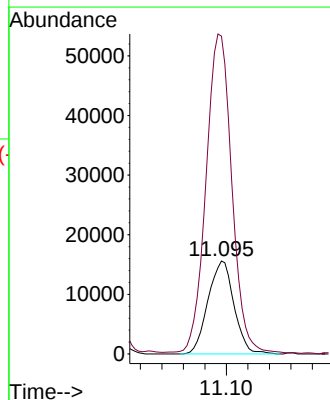
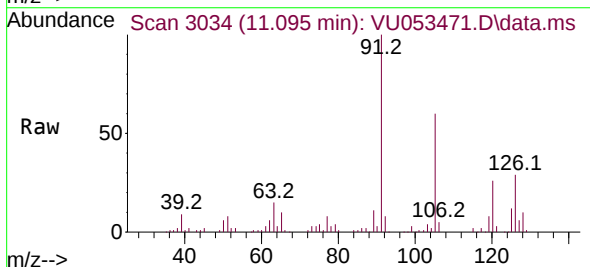
Manual Integrations
APPROVED

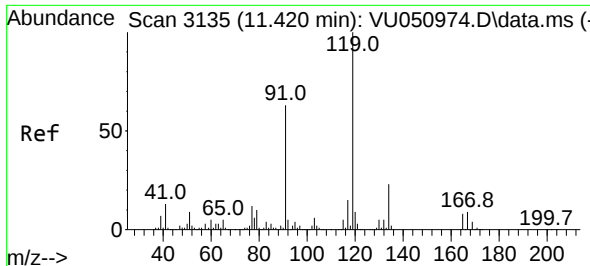
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#76
4-Chlorotoluene
Concen: 1.897 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

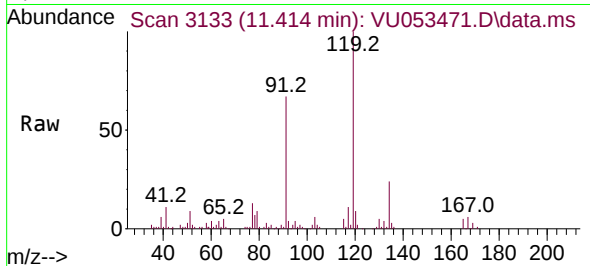
Tgt Ion:126 Resp: 26115
Ion Ratio Lower Upper
126 100
91 342.3 0.0 686.2





#77
tert-Butylbenzene
Concen: 1.863 ug/l
RT: 11.414 min Scan# 3133
Delta R.T. -0.006 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

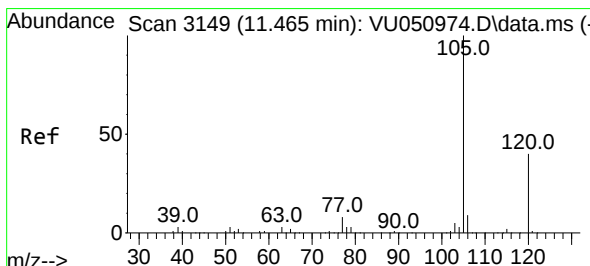
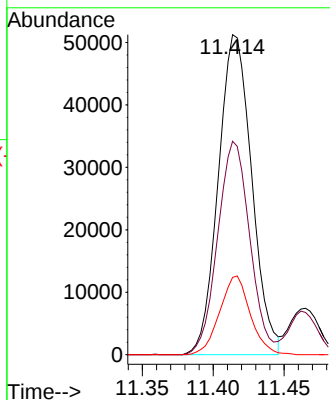
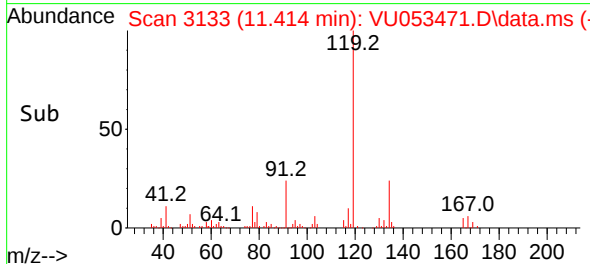
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01



Tgt Ion:119 Resp: 84172
Ion Ratio Lower Upper
119 100
91 64.0 30.8 92.4
134 22.5 18.0 27.0

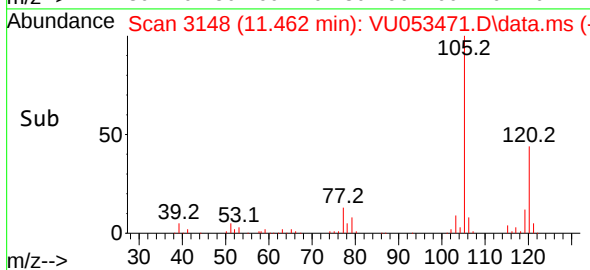
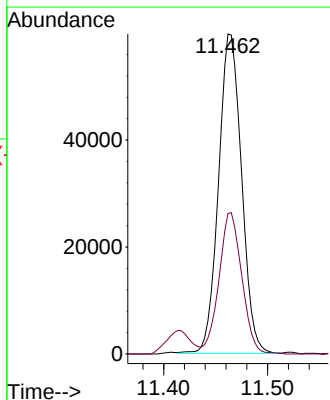
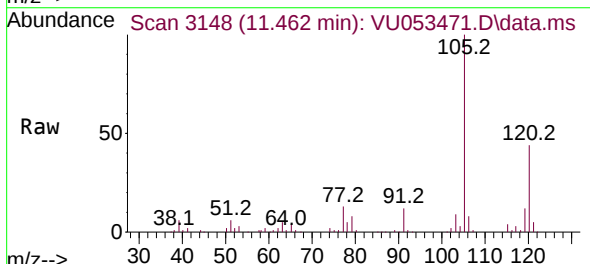
Manual Integrations
APPROVED

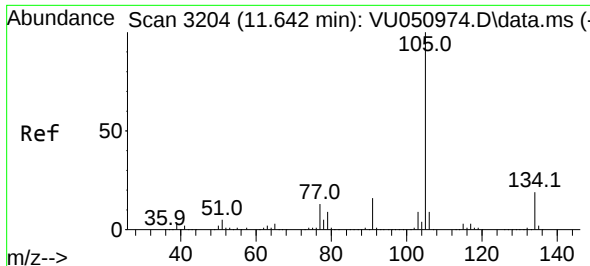
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#78
1,2,4-Trimethylbenzene
Concen: 1.850 ug/l
RT: 11.462 min Scan# 3148
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

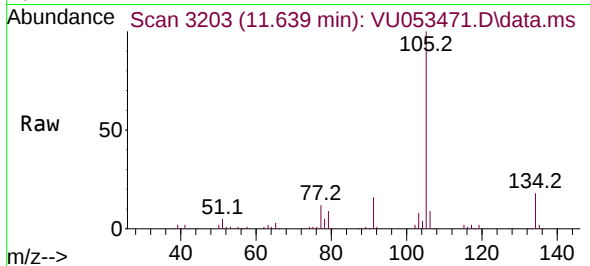
Tgt Ion:105 Resp: 91832
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 1.874 ug/l
 RT: 11.639 min Scan# 3198
 Delta R.T. -0.003 min
 Lab File: VU053471.D
 Acq: 29 Mar 2023 18:07

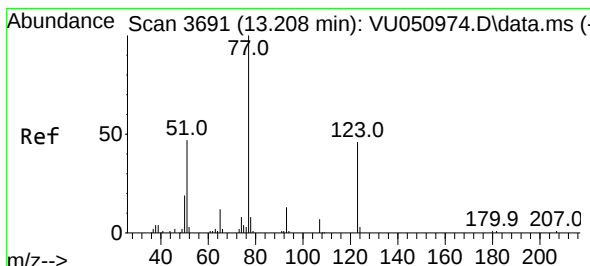
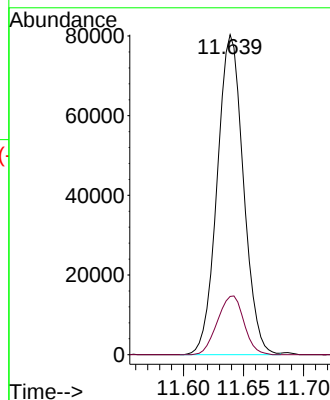
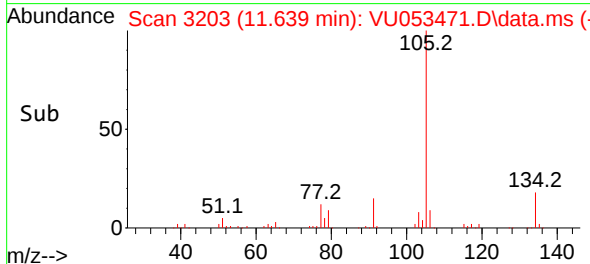
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0329WBS01



Tgt Ion:105 Resp: 121989
 Ion Ratio Lower Upper
 105 100
 134 18.5 14.9 22.3

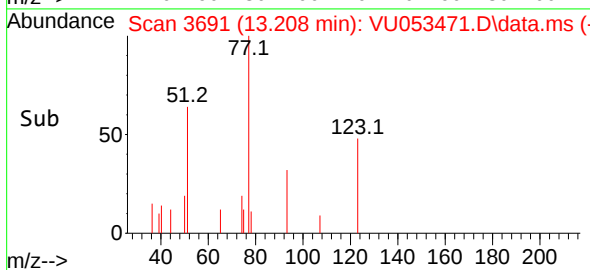
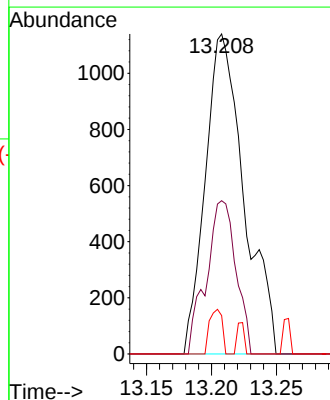
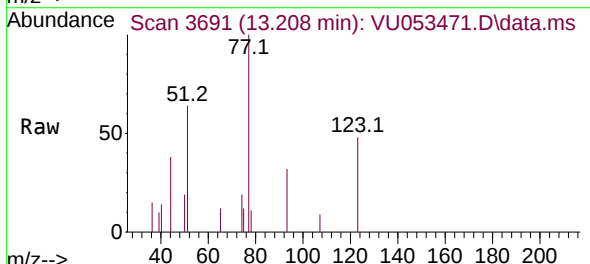
Manual Integrations
 APPROVED

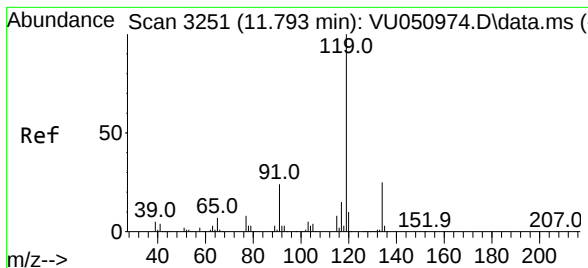
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023



#80
 Nitrobenzene
 Concen: 8.808 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. -0.000 min
 Lab File: VU053471.D
 Acq: 29 Mar 2023 18:07

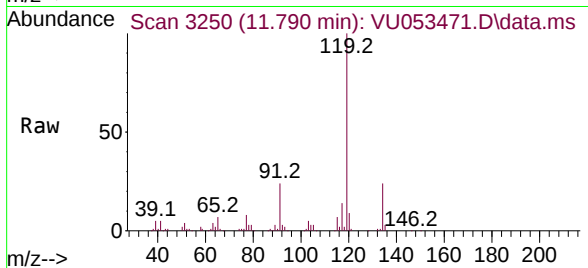
Tgt Ion: 77 Resp: 2361
 Ion Ratio Lower Upper
 77 100
 123 36.7 19.7 69.7
 65 4.6 11.5 14.7#





#81
p-Isopropyltoluene
Concen: 1.839 ug/l
RT: 11.790 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

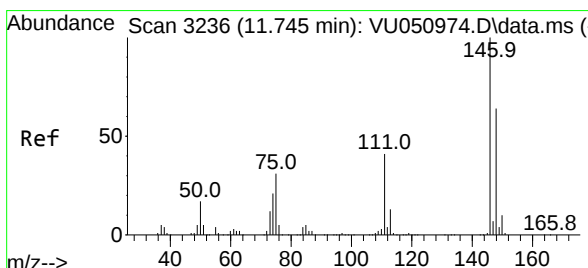
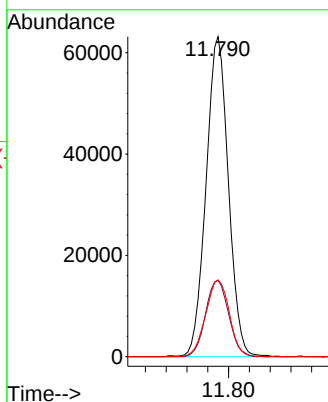
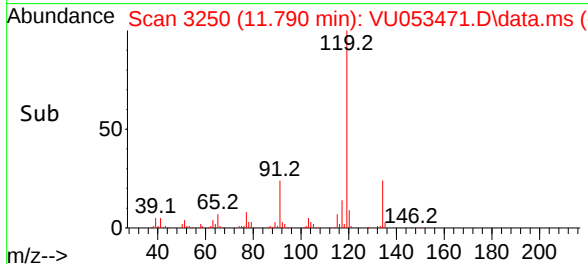
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01



Tgt Ion:119 Resp: 9401
Ion Ratio Lower Upper
119 100
134 24.7 20.2 30.4
91 25.4 19.3 28.9

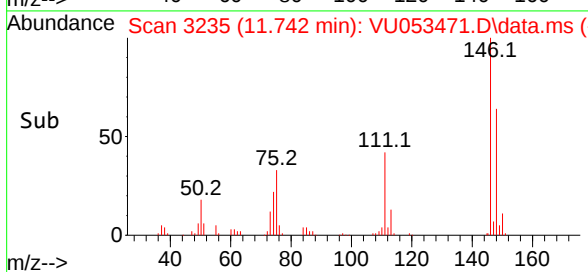
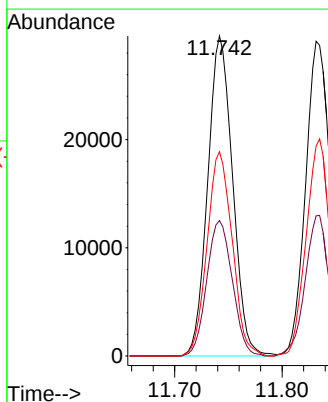
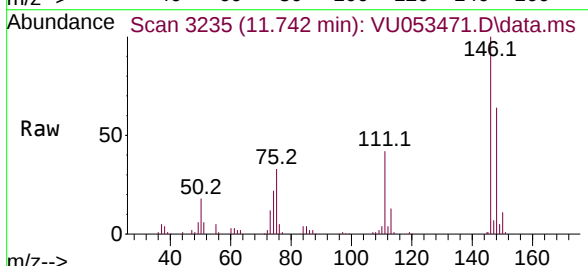
Manual Integrations
APPROVED

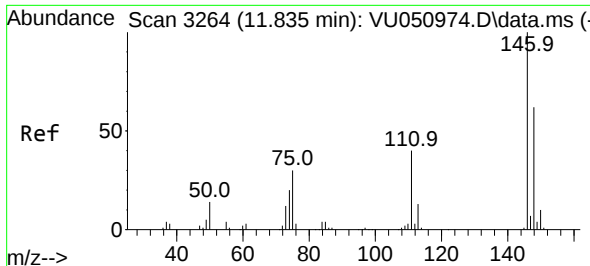
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#82
1,3-Dichlorobenzene
Concen: 1.834 ug/l
RT: 11.742 min Scan# 3235
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

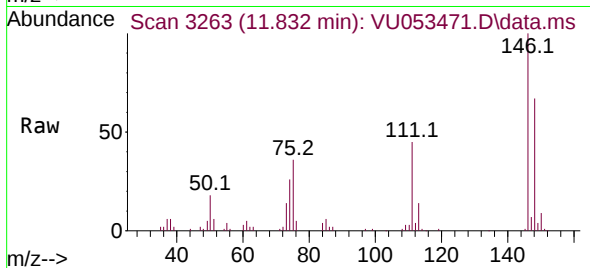
Tgt Ion:146 Resp: 47539
Ion Ratio Lower Upper
146 100
111 43.4 32.6 49.0
148 64.5 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 1.782 ug/l
RT: 11.832 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

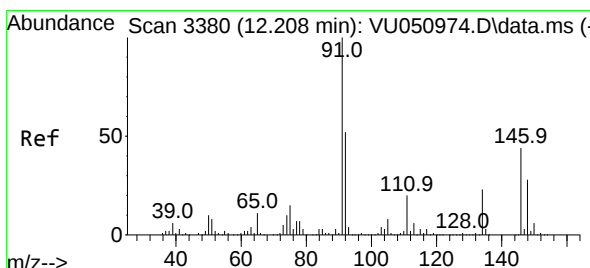
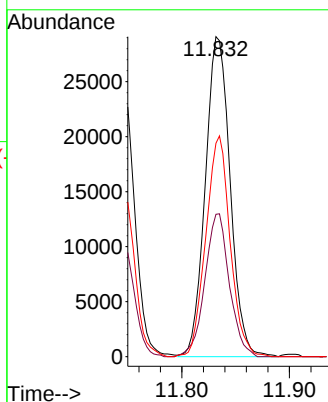
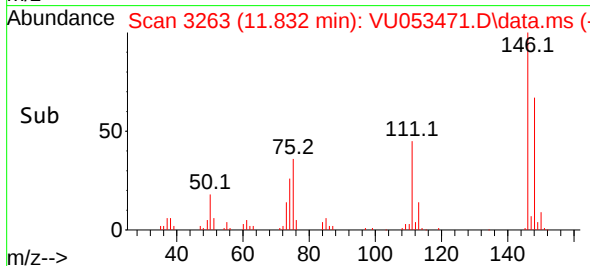
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01



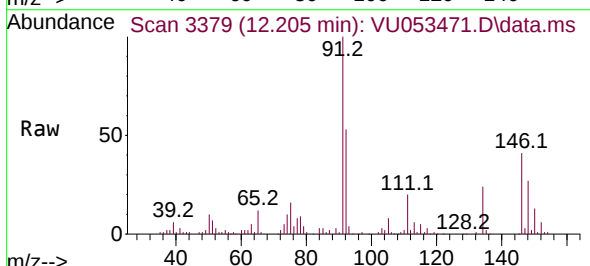
Tgt Ion:146 Resp: 46748
Ion Ratio Lower Upper
146 100
111 44.0 31.6 47.4
148 67.5 50.3 75.5

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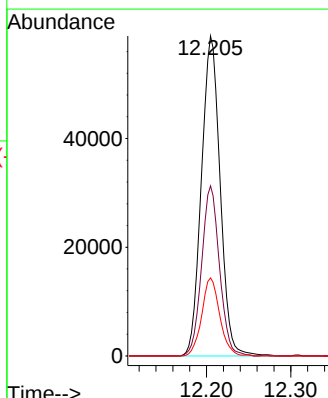
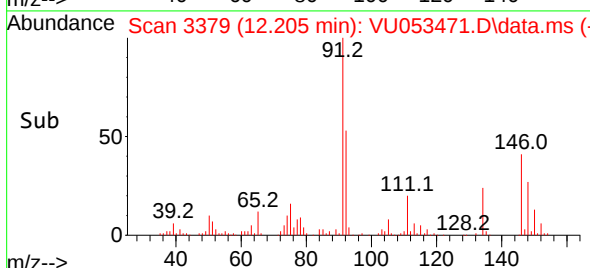
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

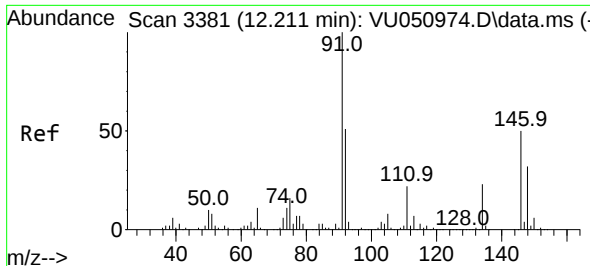


#84
n-Butylbenzene
Concen: 1.804 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07



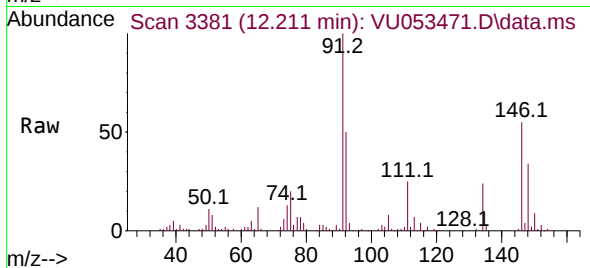
Tgt Ion: 91 Resp: 91116
Ion Ratio Lower Upper
91 100
92 50.7 40.8 61.2
134 23.4 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 1.836 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

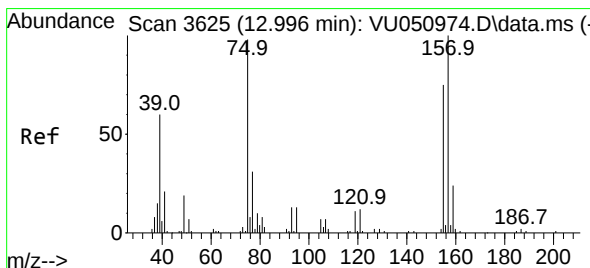
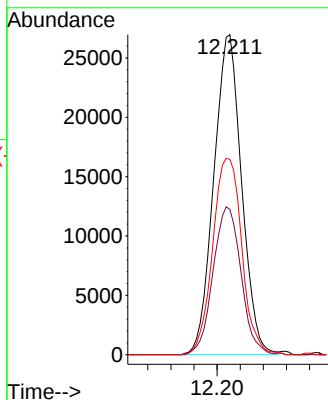
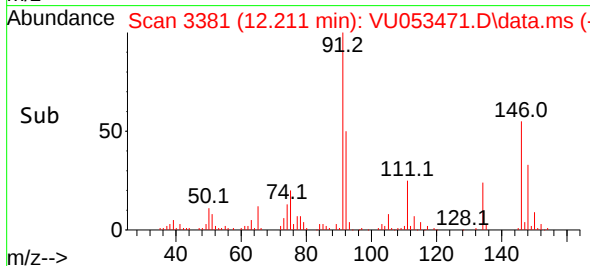
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01



Tgt Ion:146 Resp: 45099
Ion Ratio Lower Upper
146 100
111 46.5 21.6 64.6
148 64.2 32.1 96.5

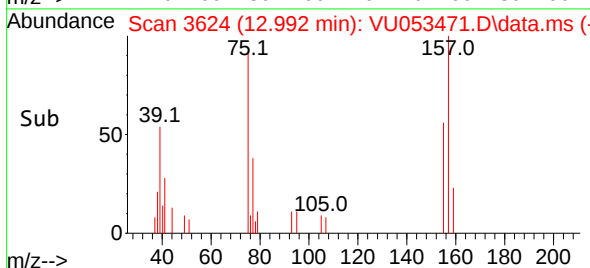
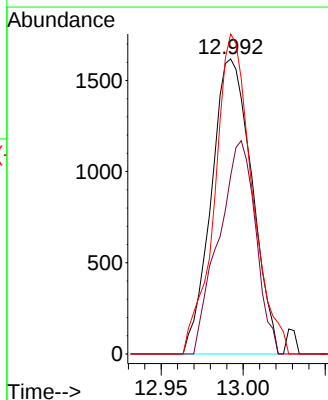
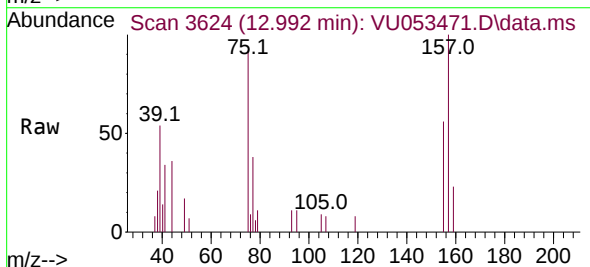
Manual Integrations
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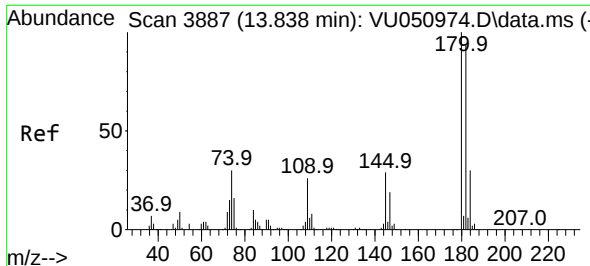
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.711 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. -0.003 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

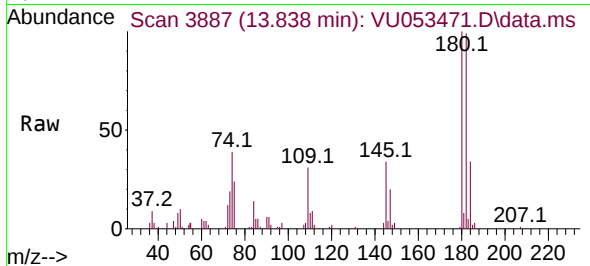
Tgt Ion: 75 Resp: 2773
Ion Ratio Lower Upper
75 100
155 65.8 61.8 92.8
157 100.0 80.2 120.4





#87
1,2,4-Trichlorobenzene
Concen: 1.850 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. -0.000 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

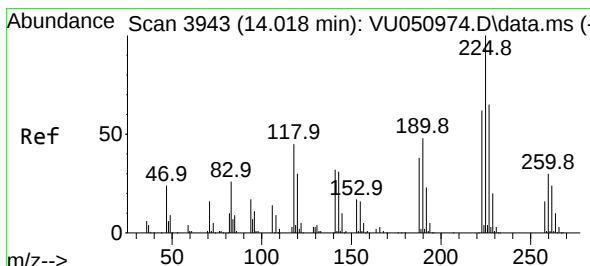
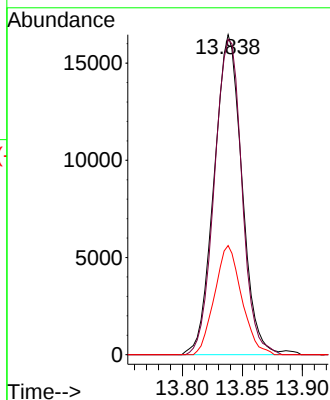
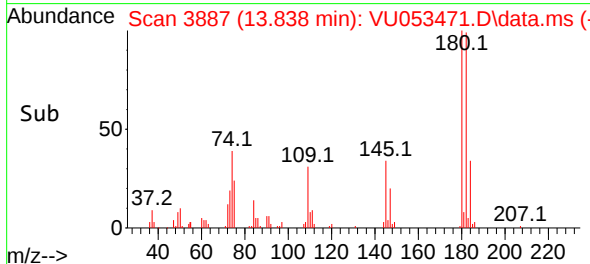
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01



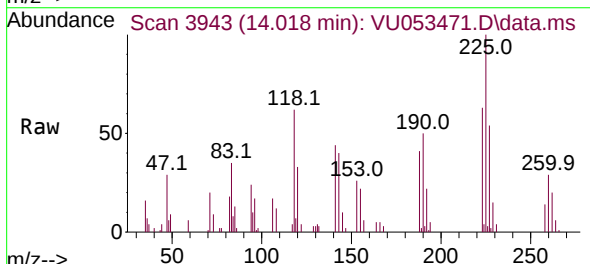
Tgt Ion:180 Resp: 2650
Ion Ratio Lower Upper
180 100
182 97.1 75.8 113.6
145 33.2 23.9 35.9

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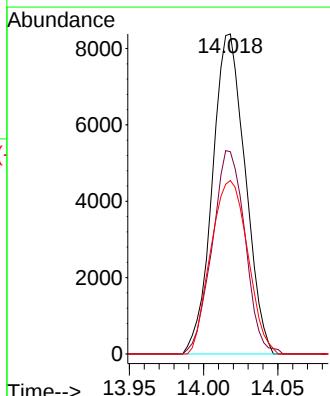
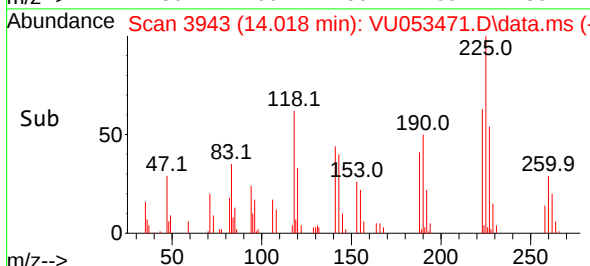
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

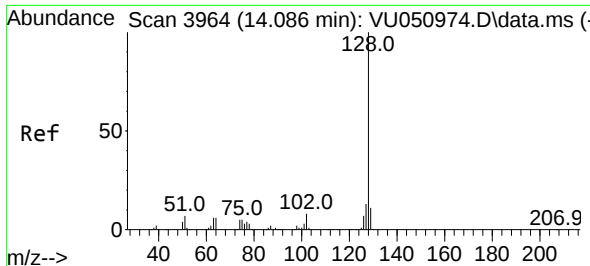


#88
Hexachlorobutadiene
Concen: 1.880 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07



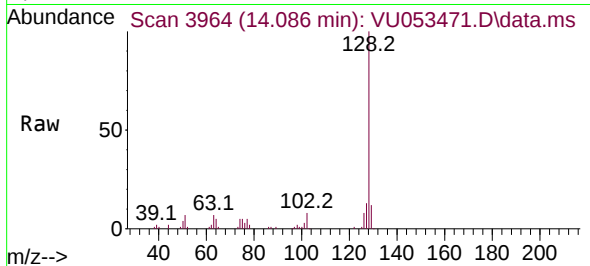
Tgt Ion:225 Resp: 12880
Ion Ratio Lower Upper
225 100
223 63.5 50.2 75.4
227 61.1 51.5 77.3





#89
Naphthalene
Concen: 1.780 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

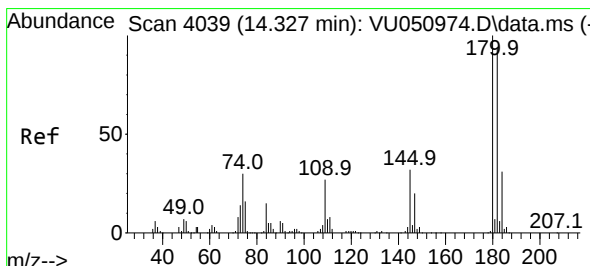
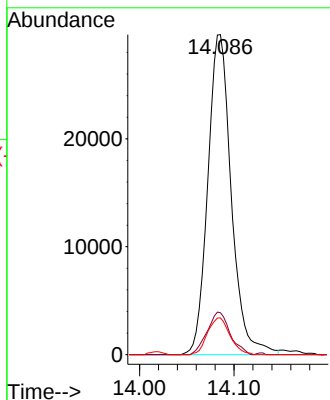
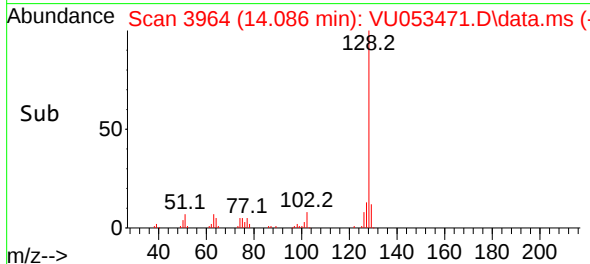
Instrument :
MSVOA_U
ClientSampleId :
VU0329WBS01



Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.9	16.3
129	10.9	8.6	12.8

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



#90
1,2,3-Trichlorobenzene
Concen: 1.880 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU053471.D
Acq: 29 Mar 2023 18:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.7	113.5
145	35.0	26.1	39.1

