

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033023\
 Data File : VU053485.D
 Acq On : 30 Mar 2023 15:02
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

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

Quant Time: Mar 30 16:13:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U032923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Mar 30 13:33:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	44910	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	16719	1.031	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
68) 1,2-Dichlorobenzene-d4	12.188	152	15865	0.975	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	158028	9.734	ug/l	100
3) Chloromethane	1.520	50	150000	9.069	ug/l	98
4) Vinyl Chloride	1.604	62	165956	9.496	ug/l	98
5) Bromomethane	1.858	94	124980	9.832	ug/l	99
6) Chloroethane	1.932	64	100351	8.983	ug/l	98
7) Trichlorofluoromethane	2.137	101	232598	8.888	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	119419	9.207	ug/l	98
9) 1,1-Dichloroethene	2.578	96	108059	9.106	ug/l	95
10) Iodomethane	2.719	142	135121	9.394	ug/l	99
11) Allyl Chloride	2.922	41	133772	9.988	ug/l	91
12) Acrylonitrile	3.317	53	42382	18.389	ug/l	97
13) Acetone	2.639	43	218991	48.443	ug/l	100
14) Carbon Disulfide	2.790	76	349840	9.618	ug/l	98
15) Methylene Chloride	3.041	84	150596	9.254	ug/l	92
16) trans-1,2-Dichloroethene	3.350	96	119157	9.720	ug/l	96
17) 1,1-Dichloroethane	3.864	63	218804	9.780	ug/l	99
18) 2-Butanone	4.706	43	245317	53.321	ug/l	100
19) Cyclohexane	5.385	56	179455	9.741	ug/l	# 85
20) Methylcyclohexane	6.758	83	231180	10.045	ug/l	95
21) 2,2-Dichloropropane	4.661	77	192013	10.025	ug/l	100
22) cis-1,2-Dichloroethene	4.665	96	133762	10.040	ug/l	97
23) Diethyl Ether	2.375	59	84283	8.950	ug/l	91
24) tert-Butyl Alcohol	3.240	59	75237m	87.890	ug/l	
25) Methyl tert-Butyl Ether	3.359	73	260427	9.903	ug/l	99
26) Bromochloromethane	4.970	128	52052	9.698	ug/l	99
27) Chloroform	5.086	83	230558	9.927	ug/l	99
28) 1,1,1-Trichloroethane	5.311	97	202630	10.119	ug/l	99
29) 1,1-Dichloropropene	5.523	75	174074	10.046	ug/l	99
30) Carbon Tetrachloride	5.520	117	165293	10.372	ug/l	98
31) Isopropyl Ether	3.986	45	310121	10.075	ug/l	94
32) Ethyl-t-butyl ether	4.497	59	316530	10.011	ug/l	99
33) Tert-Amyl methyl ether	5.935	73	278734	9.914	ug/l	98
34) Propionitrile	4.784	54	40548	46.351	ug/l	# 14
35) Benzene	5.771	78	502457	9.913	ug/l	99
36) 1,2-Dichloroethane	5.790	62	139102	9.553	ug/l	98
37) Trichloroethene	6.539	130	127299	9.986	ug/l	99
38) 1,2-Dichloropropane	6.787	63	129379	9.962	ug/l	99
39) Methacrylonitrile	4.970	41	31646	9.997	ug/l	95
40) Methyl acrylate	4.842	55	51129	8.908	ug/l	# 95
41) Tetrahydrofuran	5.057	42	32045	19.389	ug/l	92
42) 1-Chlorobutane	5.452	56	229000	9.936	ug/l	96
43) Dibromomethane	6.915	93	62190	10.051	ug/l	92
44) Bromodichloromethane	7.102	83	156846	10.137	ug/l	100

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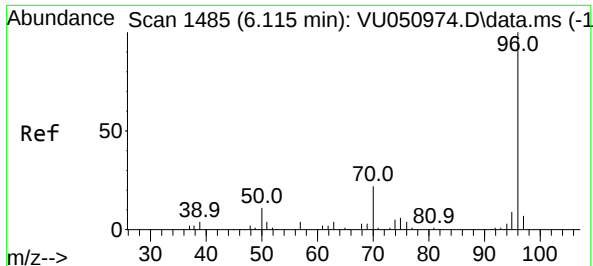
Manual Integrations
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Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023

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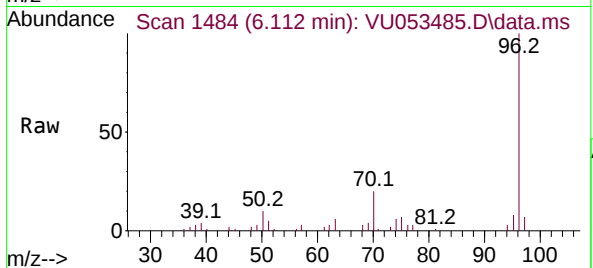
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.787	43	332192	51.758	ug/l	95
46) t-1,4-Dichloro-2-butene	10.828	75	65509m	16.294	ug/l	
47) Methyl methacrylate	6.957	69	112192	19.721	ug/l	95
48) Ethyl methacrylate	8.330	69	109831	9.955	ug/l	97
49) Toluene	7.967	92	315982	10.171	ug/l	98
50) t-1,3-Dichloropropene	8.205	75	152347	10.630	ug/l	100
51) cis-1,3-Dichloropropene	7.603	75	180751	10.184	ug/l	97
52) 1,1,2-Trichloroethane	8.394	97	88246	9.836	ug/l	96
53) 1,3-Dichloropropane	8.571	76	153951	9.947	ug/l	100
54) 2-Hexanone	8.681	43	373415	55.454	ug/l	96
55) Dibromochloromethane	8.806	129	95692	10.477	ug/l	99
56) 1,2-Dibromoethane	8.919	107	82771	10.013	ug/l	100
58) Tetrachloroethene	8.549	164	122052	10.238	ug/l	94
59) Chlorobenzene	9.443	112	332771	9.729	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.529	131	106965	10.289	ug/l	98
61) Pentachloroethane	11.423	117	68935	9.438	ug/l	99
62) Hexachloroethane	12.471	117	92400	9.185	ug/l #	81
63) Ethyl Benzene	9.568	91	619238	10.323	ug/l	100
64) m/p-Xylenes	9.690	106	471871	20.576	ug/l	99
65) o-Xylene	10.099	106	228001	10.159	ug/l	98
66) Styrene	10.111	104	358835	10.399	ug/l	97
67) Bromoform	10.288	173	43546	8.691	ug/l #	97
69) Isopropylbenzene	10.481	105	609001	10.363	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.780	83	105892	9.804	ug/l	98
71) 1,2,3-Trichloropropane	10.825	75	86552m	10.613	ug/l	
72) Bromobenzene	10.780	156	123984	10.071	ug/l	97
73) n-propylbenzene	10.902	120	166566	10.729	ug/l	98
74) 2-Chlorotoluene	10.983	126	135615	10.104	ug/l	94
75) 1,3,5-Trimethylbenzene	11.086	105	524383	10.626	ug/l	98
76) 4-Chlorotoluene	11.095	126	144728	10.384	ug/l	96
77) tert-Butylbenzene	11.417	119	476537	10.418	ug/l	98
78) 1,2,4-Trimethylbenzene	11.465	105	536238	10.670	ug/l	98
79) sec-Butylbenzene	11.639	105	702295	10.660	ug/l	98
80) Nitrobenzene	13.201	77	13233	48.767	ug/l #	94
81) p-Isopropyltoluene	11.790	119	557575	10.774	ug/l	99
82) 1,3-Dichlorobenzene	11.742	146	271464	10.346	ug/l	98
83) 1,4-Dichlorobenzene	11.832	146	264289	9.954	ug/l	97
84) n-Butylbenzene	12.205	91	574338	11.233	ug/l	99
85) 1,2-Dichlorobenzene	12.208	146	251634	10.121	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.992	75	16683	10.171	ug/l	96
87) 1,2,4-Trichlorobenzene	13.838	180	157119	10.834	ug/l	97
88) Hexachlorobutadiene	14.018	225	75039	10.819	ug/l	99
89) Naphthalene	14.082	128	305294	10.463	ug/l	99
90) 1,2,3-Trichlorobenzene	14.327	180	135763	10.866	ug/l	96

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.003 min
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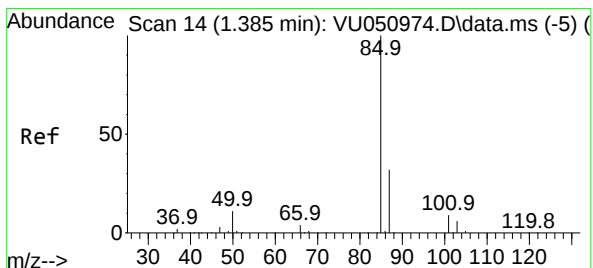
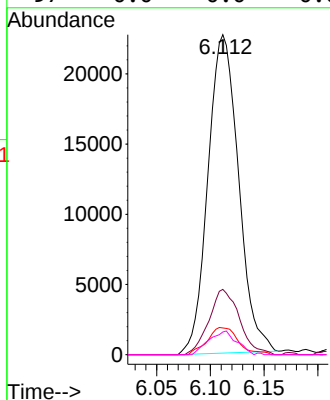
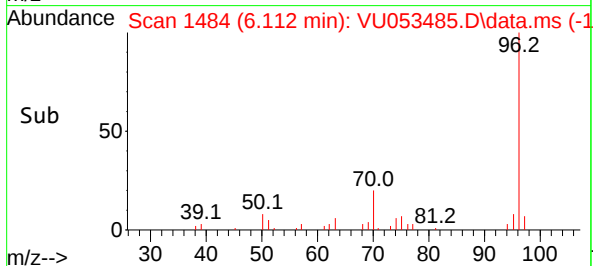
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 96 Resp: 44910
Ion Ratio Lower Upper
96 100
70 20.4 16.5 24.7
95 8.6 7.4 11.0
97 0.0 0.0 0.0

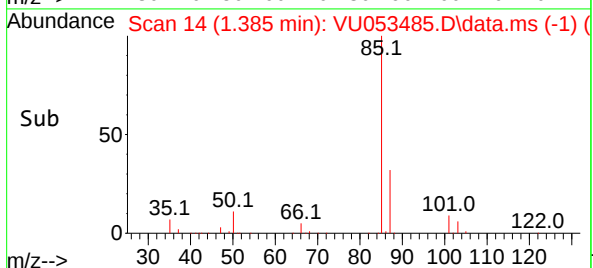
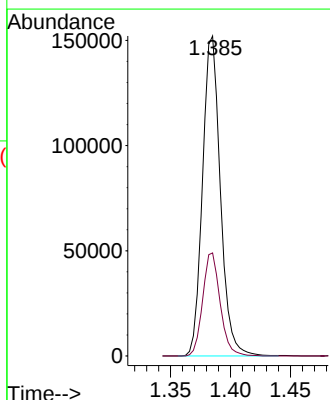
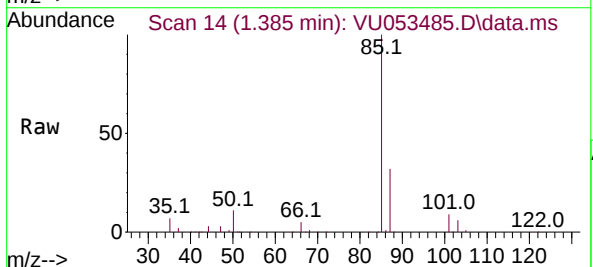
Manual Integrations
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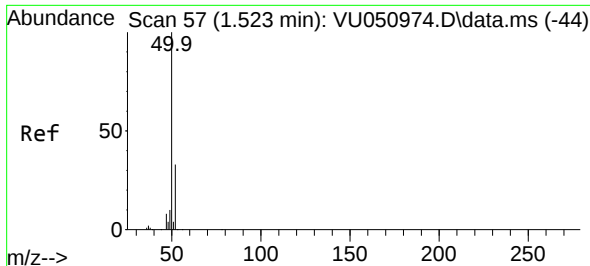
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#2
Dichlorodifluoromethane
Concen: 9.734 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

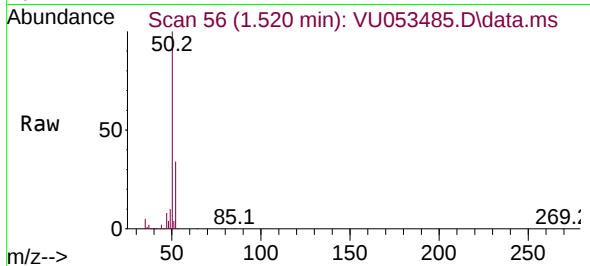
Tgt Ion: 85 Resp: 158028
Ion Ratio Lower Upper
85 100
87 32.2 16.2 48.6





#3
Chloromethane
Concen: 9.069 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

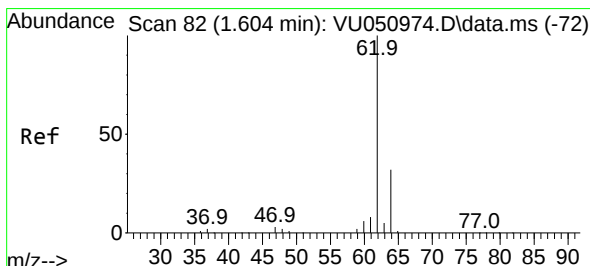
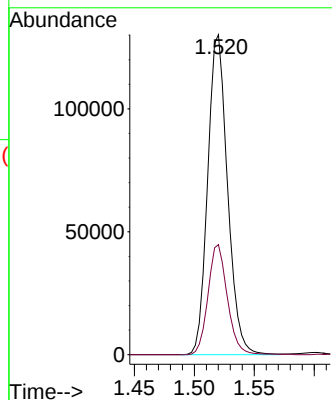
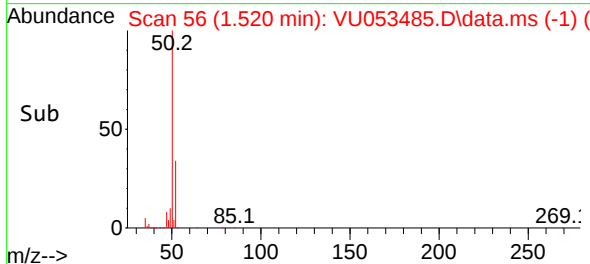
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 50 Resp: 150000
Ion Ratio Lower Upper
50 100
52 34.4 26.6 40.0

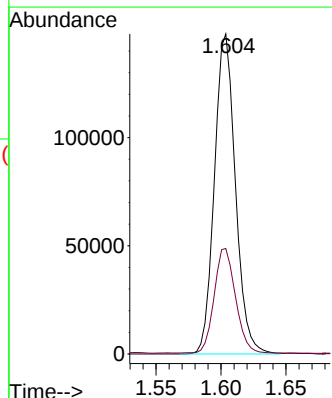
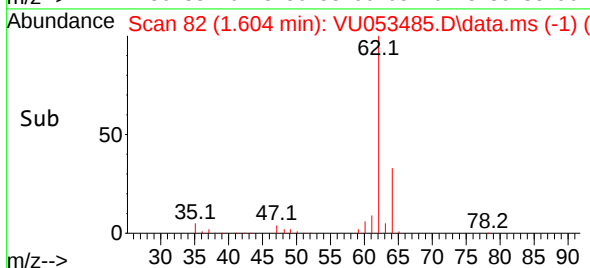
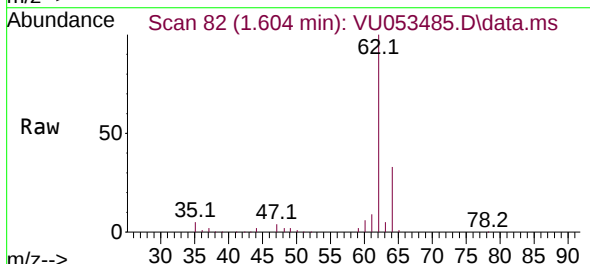
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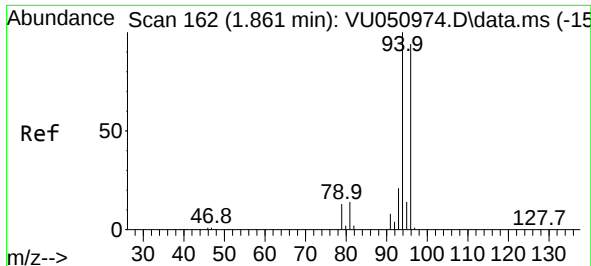
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#4
Vinyl Chloride
Concen: 9.496 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

Tgt Ion: 62 Resp: 165956
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.2





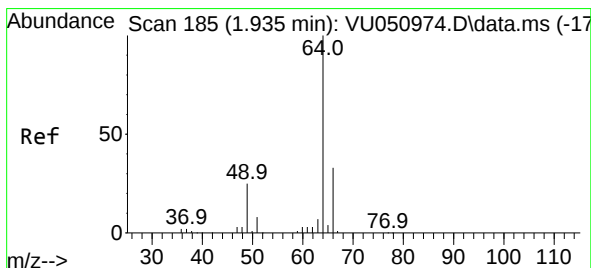
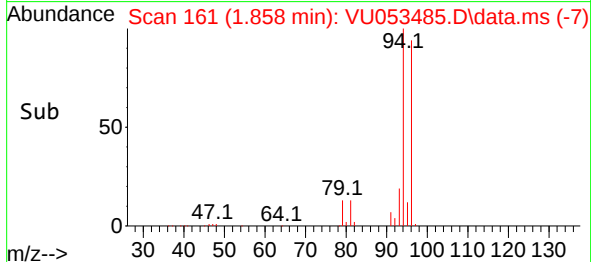
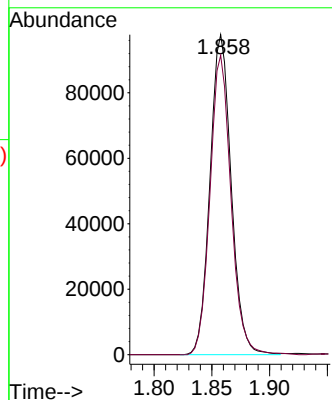
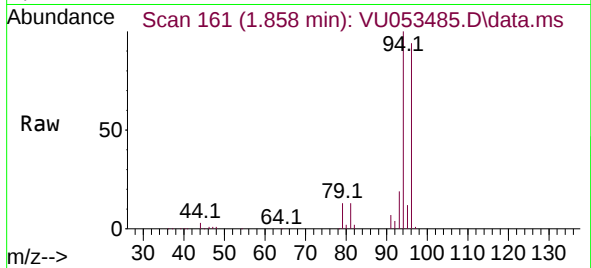
#5
Bromomethane
Concen: 9.832 ug/l
RT: 1.858 min Scan# 161
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 94 Resp: 124980
Ion Ratio Lower Upper
94 100
96 93.6 75.4 113.2

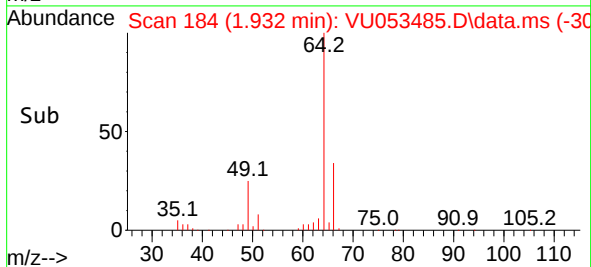
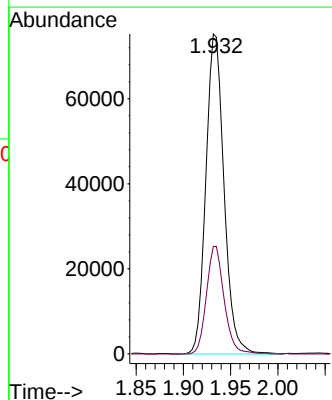
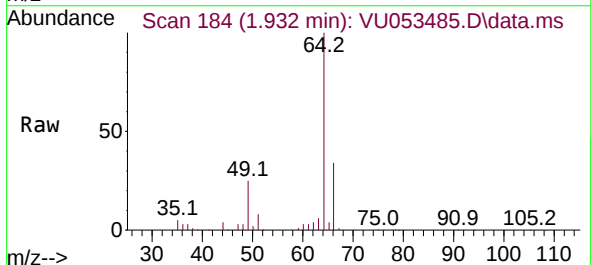
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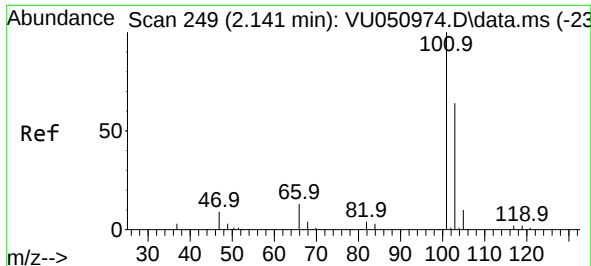
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#6
Chloroethane
Concen: 8.983 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

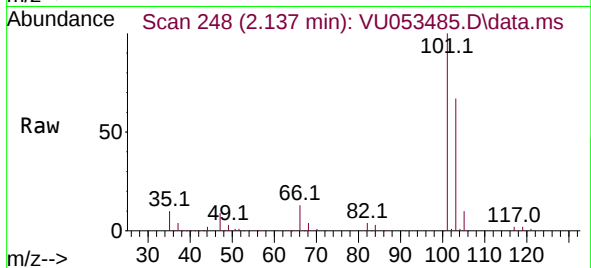
Tgt Ion: 64 Resp: 100351
Ion Ratio Lower Upper
64 100
66 33.6 26.0 39.0





#7
 Trichlorofluoromethane
 Concen: 8.888 ug/l
 RT: 2.137 min Scan# 249
 Delta R.T. -0.004 min
 Lab File: VU053485.D
 Acq: 30 Mar 2023 15:02

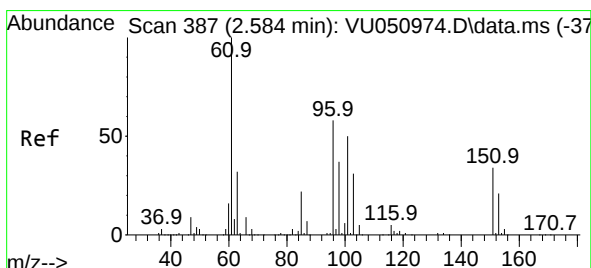
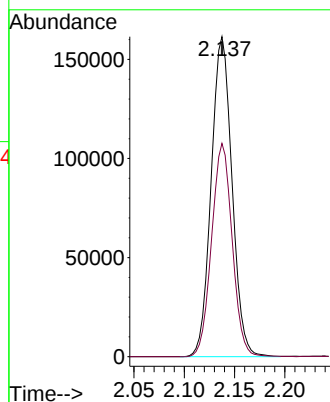
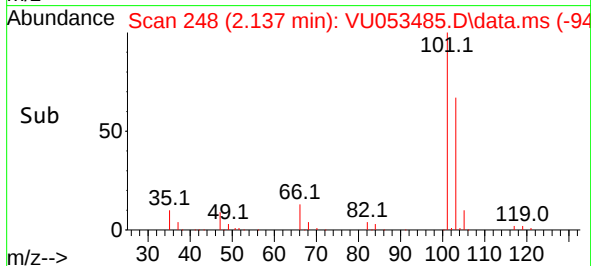
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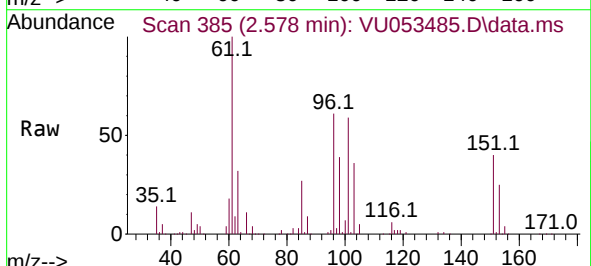
Tgt Ion:101 Resp: 232598
 Ion Ratio Lower Upper
 101 100
 103 66.6 51.4 77.0

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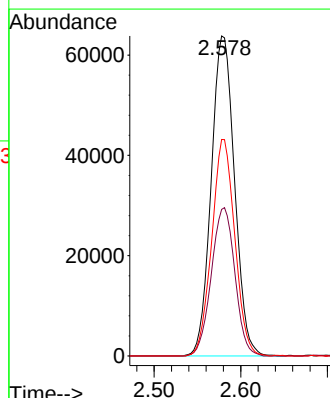
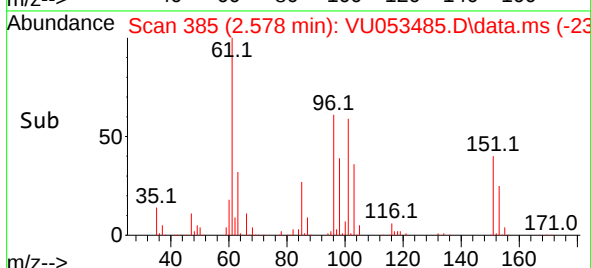
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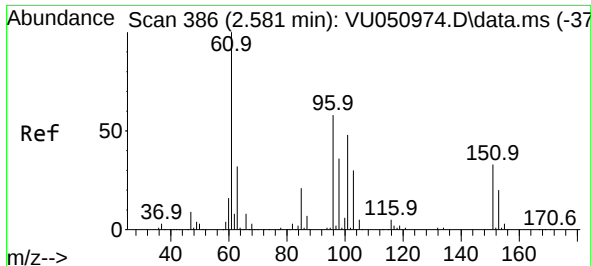


#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.207 ug/l
 RT: 2.578 min Scan# 385
 Delta R.T. -0.006 min
 Lab File: VU053485.D
 Acq: 30 Mar 2023 15:02



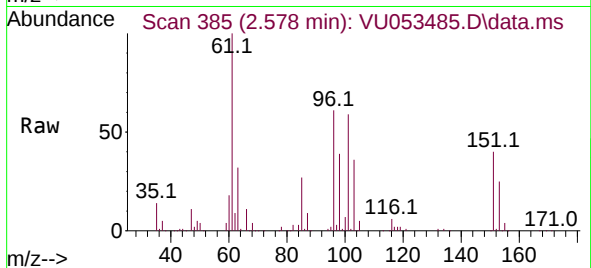
Tgt Ion:101 Resp: 119419
 Ion Ratio Lower Upper
 101 100
 85 46.7 35.4 53.0
 151 66.8 54.0 81.0





#9
1,1-Dichloroethene
Concen: 9.106 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

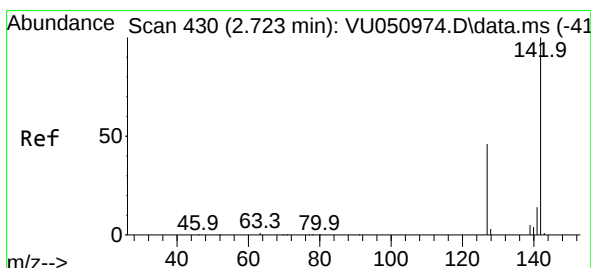
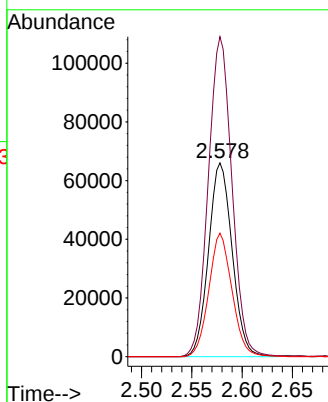
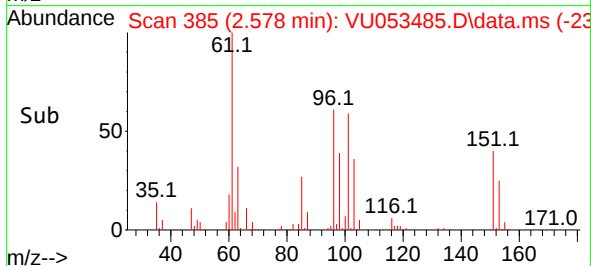
Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC



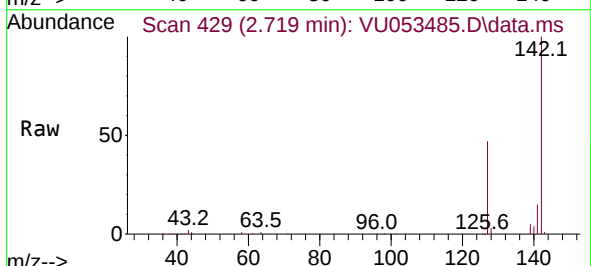
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Ion Ratio Lower Upper
96 100
61 165.2 0.0 521.4
98 63.7 0.0 125.8

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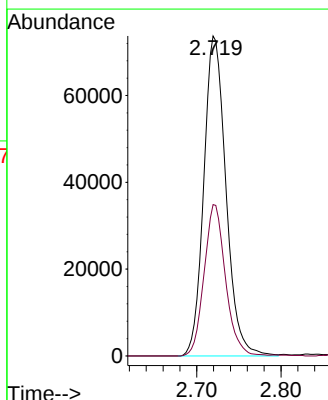
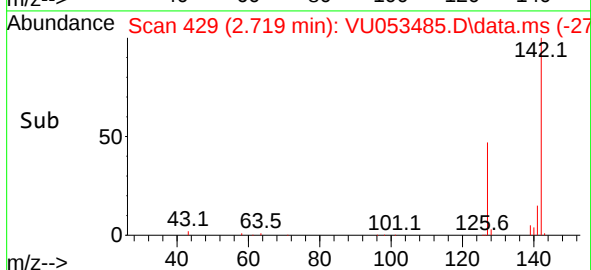
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

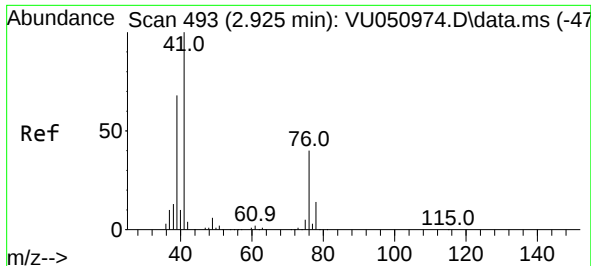


#10
Iodomethane
Concen: 9.394 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.004 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02



Tgt Ion:142 Resp: 135121
Ion Ratio Lower Upper
142 100
127 45.7 35.9 53.9





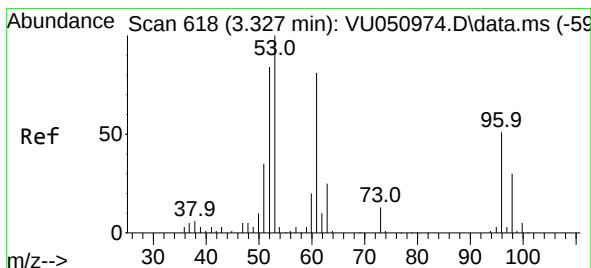
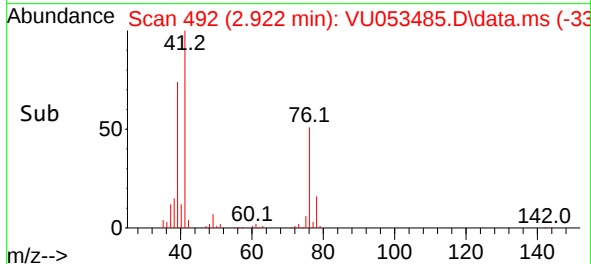
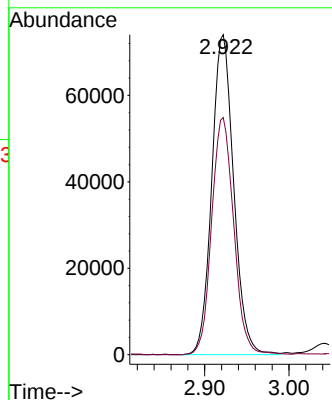
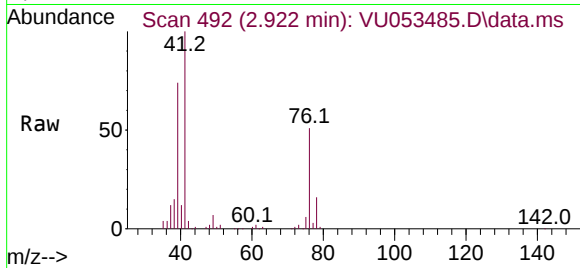
#11
 Allyl Chloride
 Concen: 9.988 ug/l
 RT: 2.922 min Scan# 491
 Delta R.T. -0.003 min
 Lab File: VU053485.D
 Acq: 30 Mar 2023 15:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 133772
 Ion Ratio Lower Upper
 41 100
 39 74.7 54.2 81.2

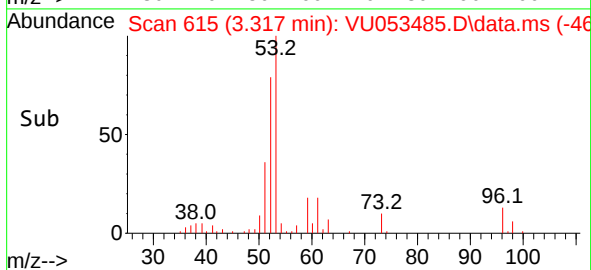
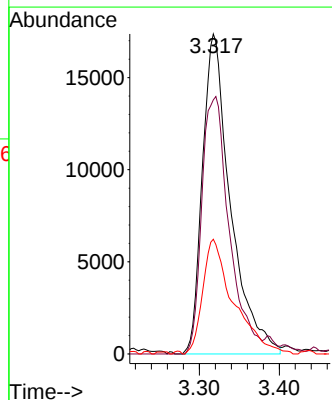
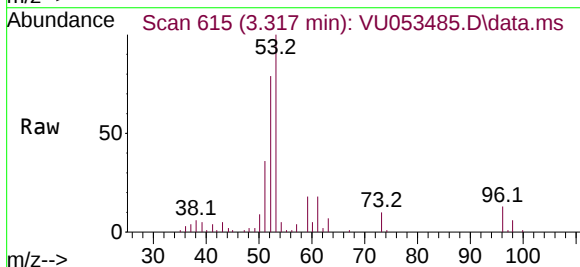
Manual Integrations
 APPROVED

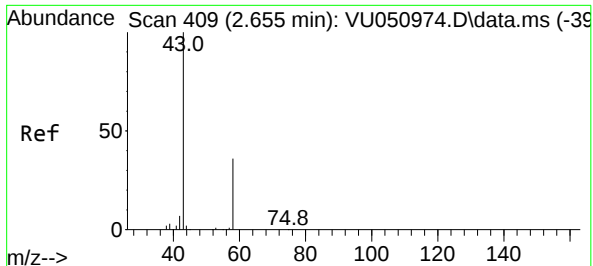
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023



#12
 Acrylonitrile
 Concen: 18.389 ug/l
 RT: 3.317 min Scan# 615
 Delta R.T. -0.010 min
 Lab File: VU053485.D
 Acq: 30 Mar 2023 15:02

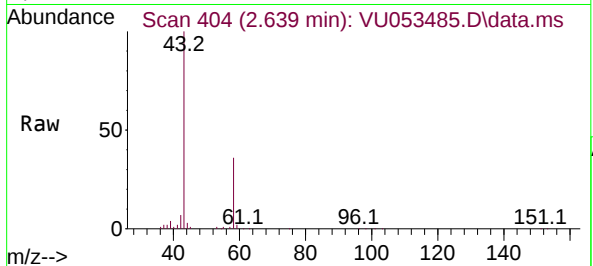
Tgt Ion: 53 Resp: 42382
 Ion Ratio Lower Upper
 53 100
 52 78.6 62.9 94.3
 51 39.4 27.8 41.6





#13
Acetone
Concen: 48.443 ug/l
RT: 2.639 min Scan# 409
Delta R.T. -0.016 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

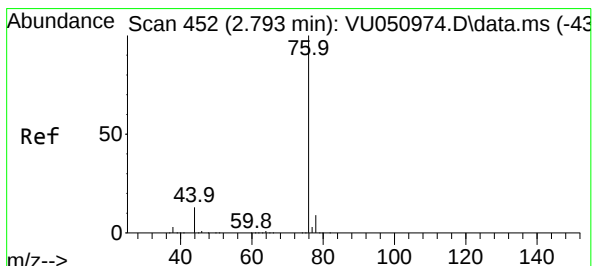
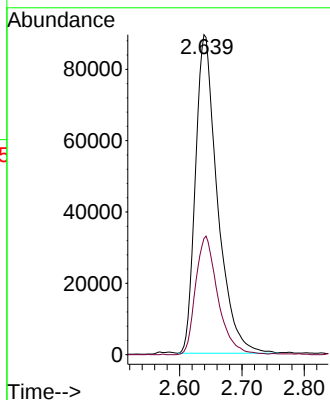
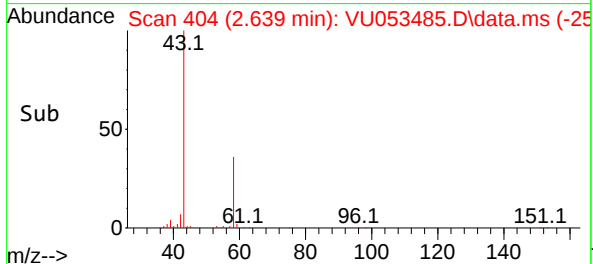
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 21899
Ion Ratio Lower Upper
43 100
58 36.4 29.0 43.4

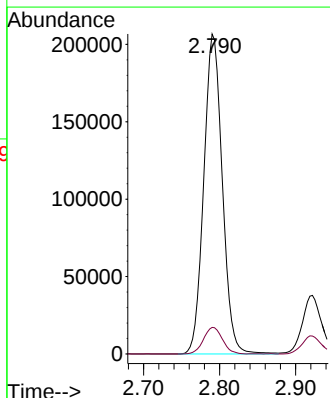
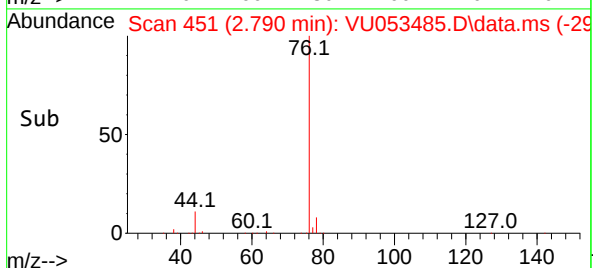
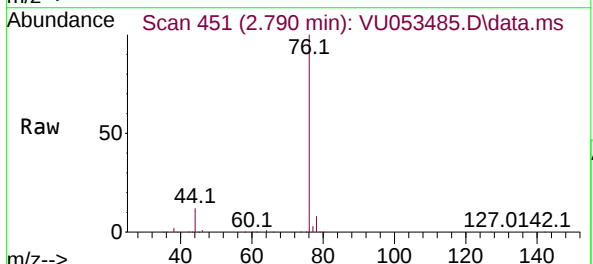
Manual Integrations
APPROVED

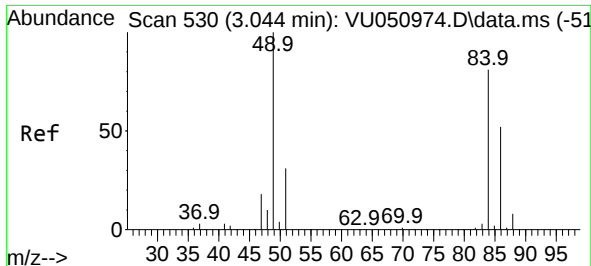
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#14
Carbon Disulfide
Concen: 9.618 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

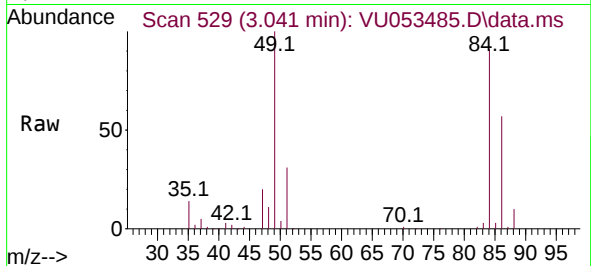
Tgt Ion: 76 Resp: 349840
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0





#15
Methylene Chloride
Concen: 9.254 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

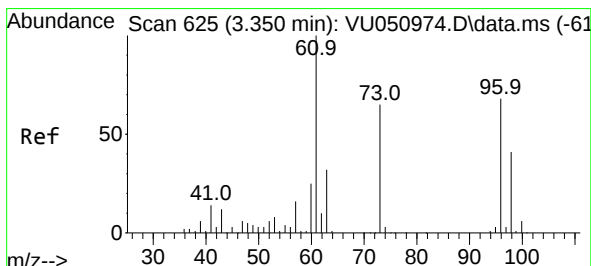
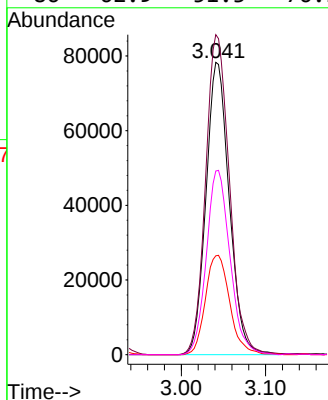
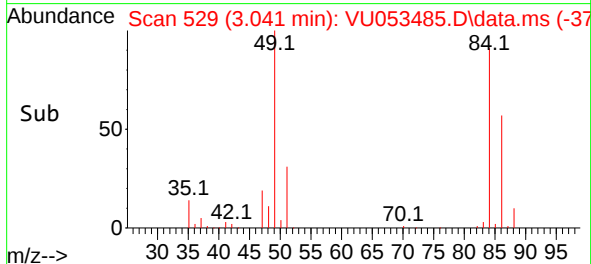
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 84 Resp: 150590
Ion Ratio Lower Upper
84 100
49 109.5 98.9 148.3
51 33.9 0.0 75.4
86 62.9 51.3 76.9

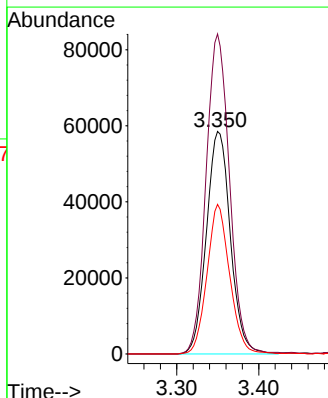
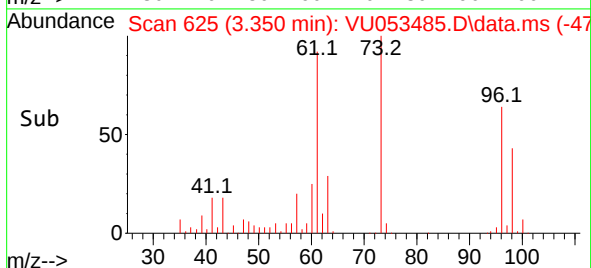
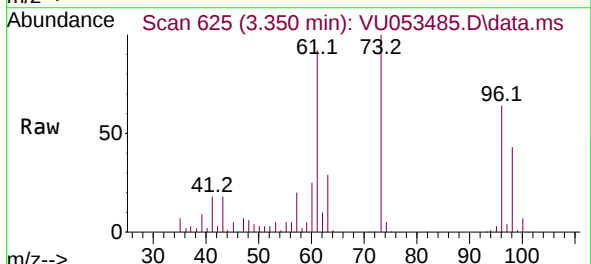
Manual Integrations
APPROVED

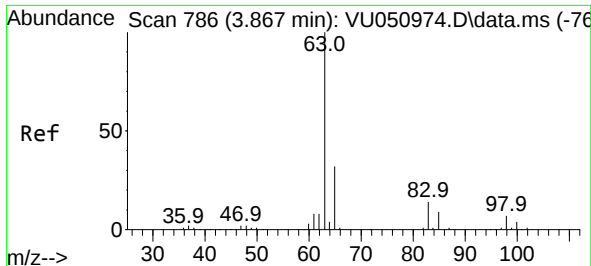
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#16
trans-1,2-Dichloroethene
Concen: 9.720 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

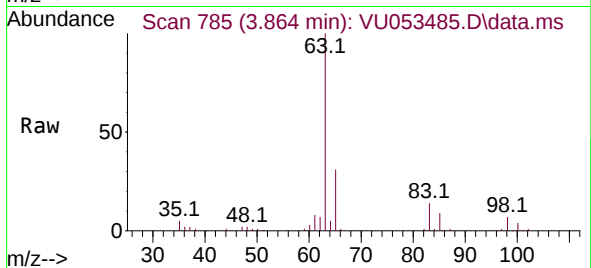
Tgt Ion: 96 Resp: 119157
Ion Ratio Lower Upper
96 100
61 143.8 117.5 176.3
98 67.2 48.3 72.5





#17
1,1-Dichloroethane
Concen: 9.780 ug/l
RT: 3.864 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

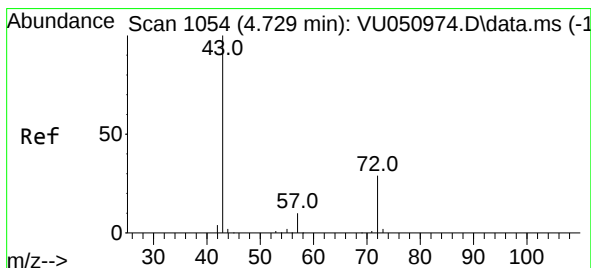
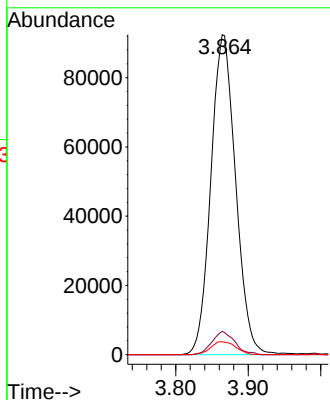
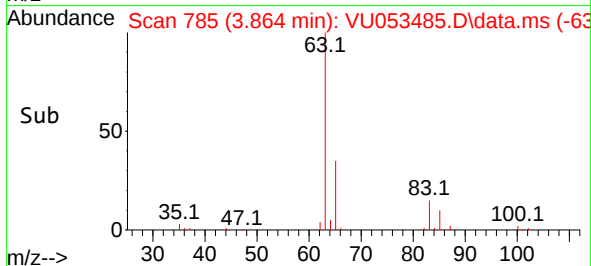
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 63 Resp: 218804
Ion Ratio Lower Upper
63 100
98 7.2 3.4 10.1
100 4.0 2.2 6.6

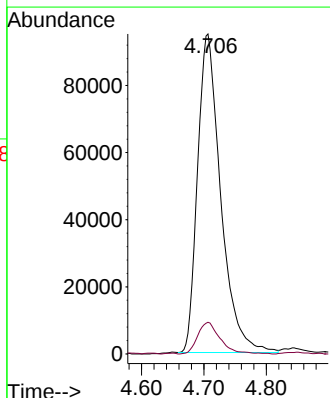
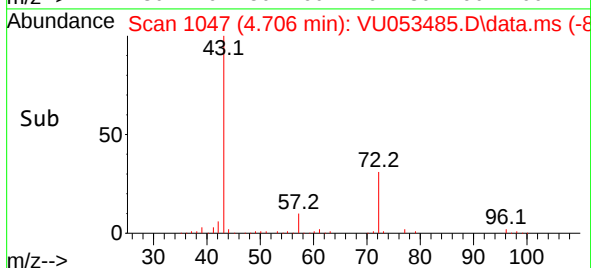
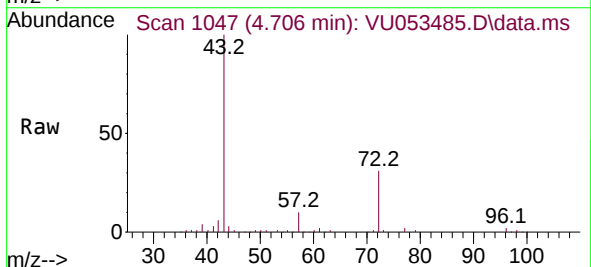
Manual Integrations
APPROVED

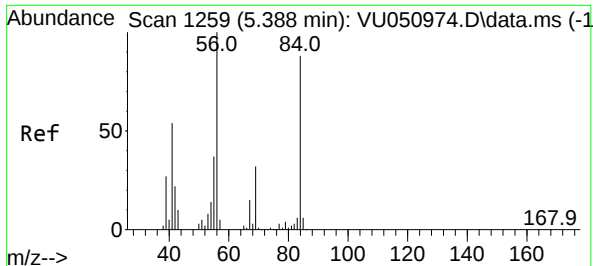
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#18
2-Butanone
Concen: 53.321 ug/l
RT: 4.706 min Scan# 1047
Delta R.T. -0.023 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

Tgt Ion: 43 Resp: 245317
Ion Ratio Lower Upper
43 100
57 10.0 0.0 19.6





#19

Cyclohexane

Concen: 9.741 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VU053485.D

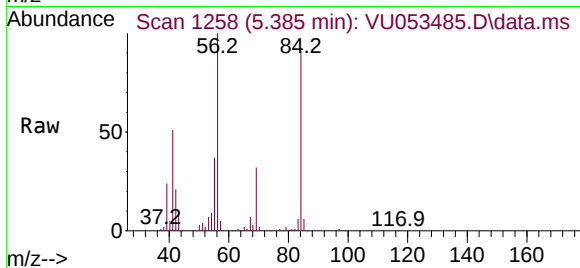
Acq: 30 Mar 2023 15:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 56 Resp: 17945

Ion Ratio Lower Upper

56 100

69 37.1 24.6 37.0

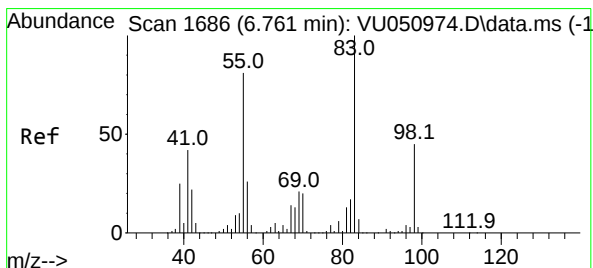
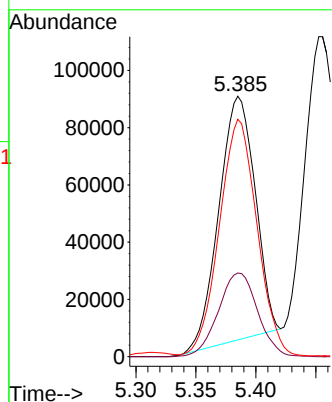
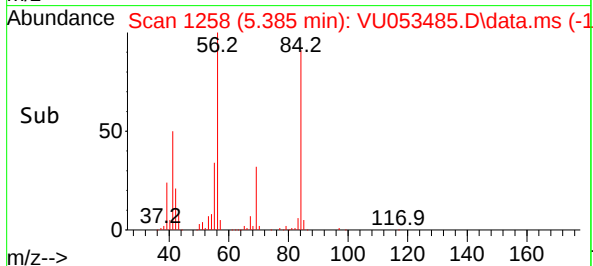
84 99.7 68.4 102.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#20

Methylcyclohexane

Concen: 10.045 ug/l

RT: 6.758 min Scan# 1685

Delta R.T. -0.003 min

Lab File: VU053485.D

Acq: 30 Mar 2023 15:02

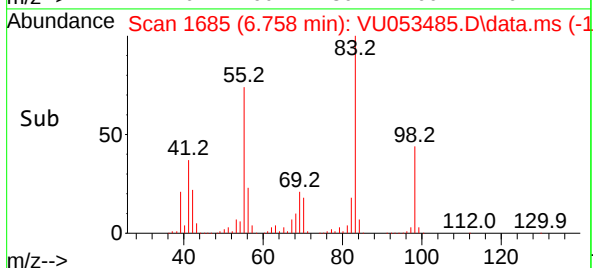
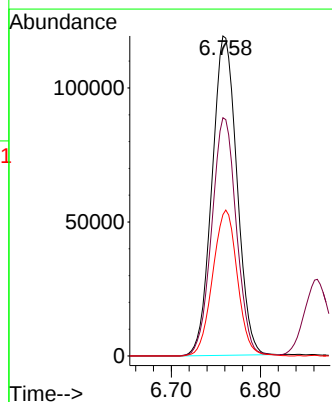
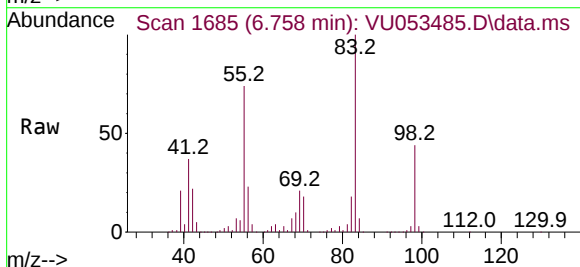
Tgt Ion: 83 Resp: 231180

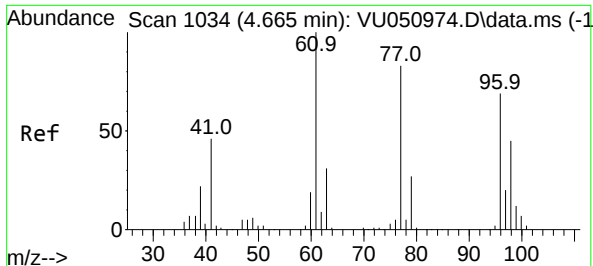
Ion Ratio Lower Upper

83 100

55 73.5 63.5 95.3

98 45.5 36.0 54.0





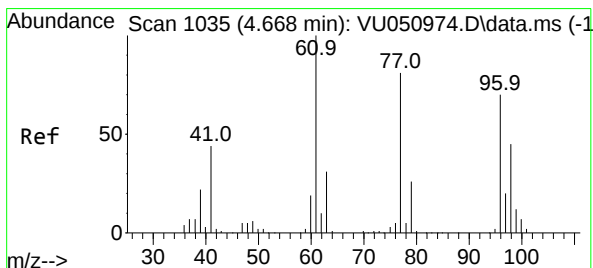
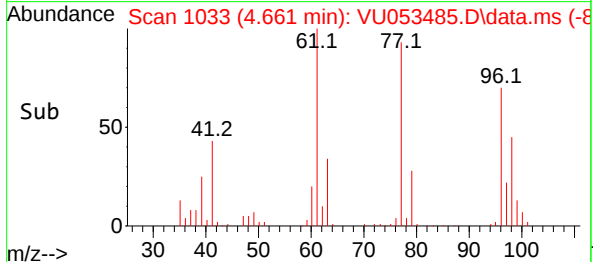
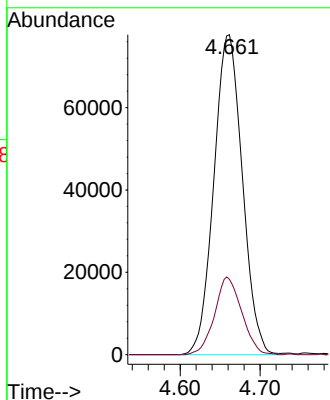
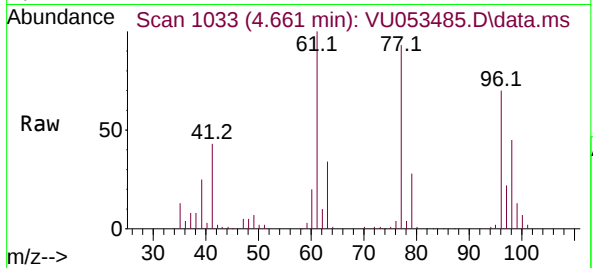
#21
2,2-Dichloropropane
Concen: 10.025 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 77 Resp: 19201
Ion Ratio Lower Upper
77 100
97 23.1 18.4 27.6

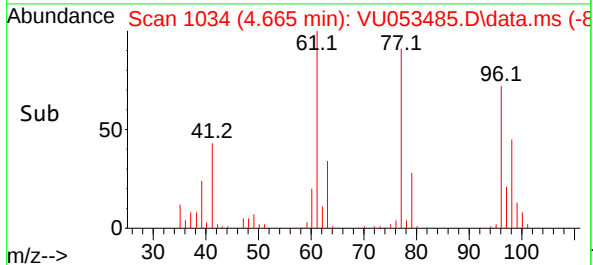
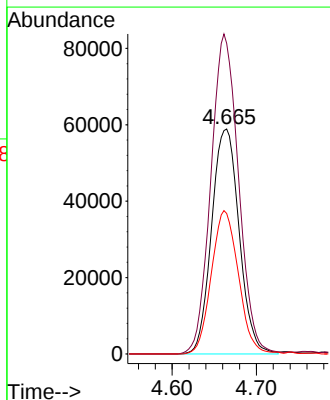
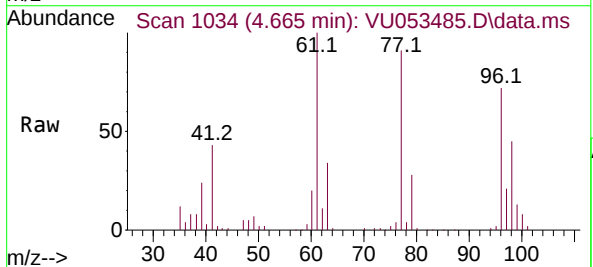
Manual Integrations
APPROVED

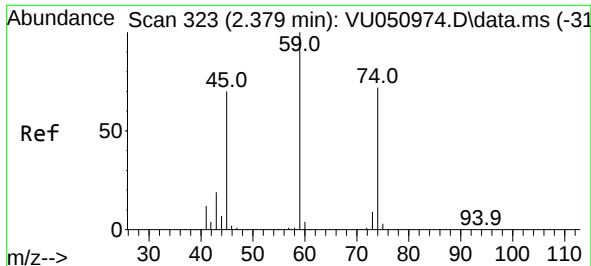
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#22
cis-1,2-Dichloroethene
Concen: 10.040 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

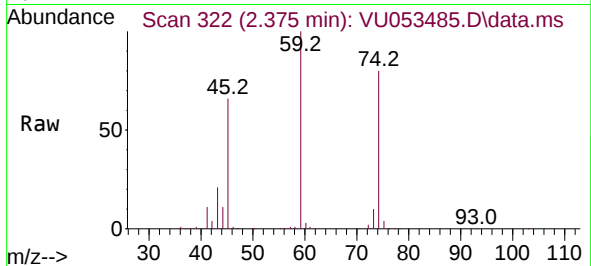
Tgt Ion: 96 Resp: 133762
Ion Ratio Lower Upper
96 100
61 142.8 0.0 365.8
98 62.5 32.0 96.0





#23
Diethyl Ether
Concen: 8.950 ug/l
RT: 2.375 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

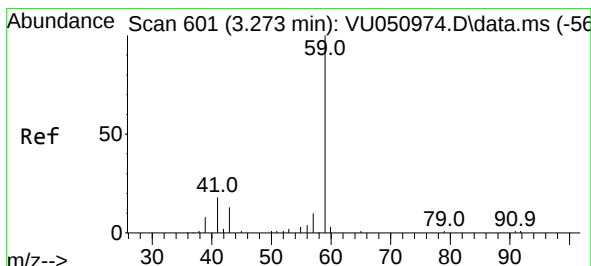
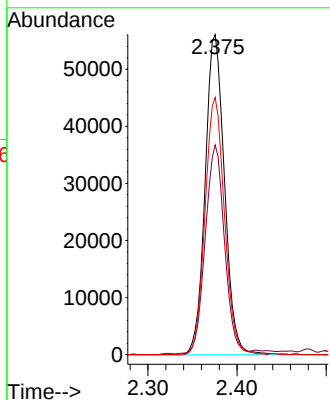
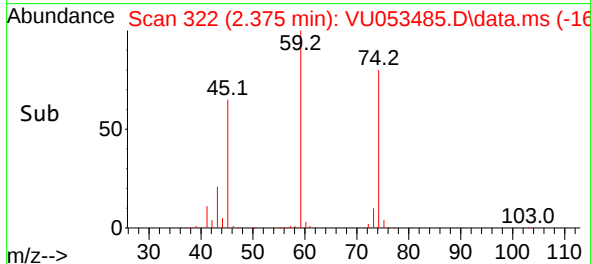
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 59 Resp: 8428
Ion Ratio Lower Upper
59 100
45 64.9 56.1 84.1
74 80.9 57.4 86.2

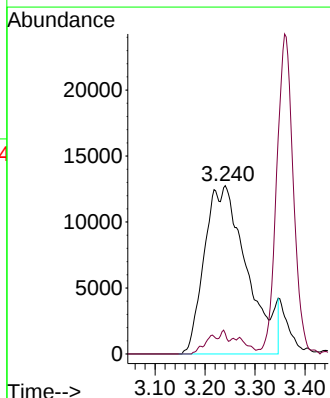
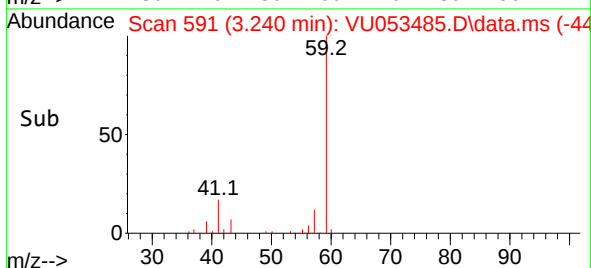
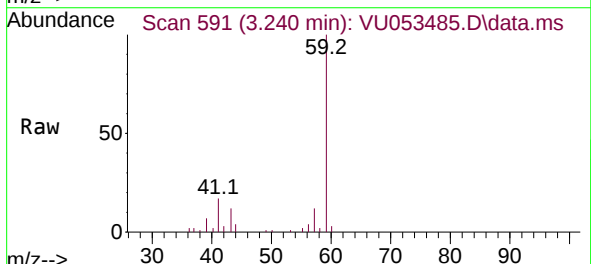
Manual Integrations
APPROVED

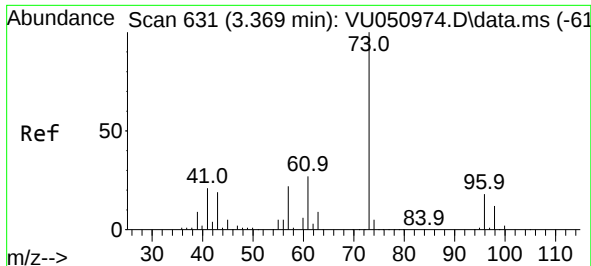
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#24
tert-Butyl Alcohol
Concen: 87.890 ug/l m
RT: 3.240 min Scan# 591
Delta R.T. -0.033 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

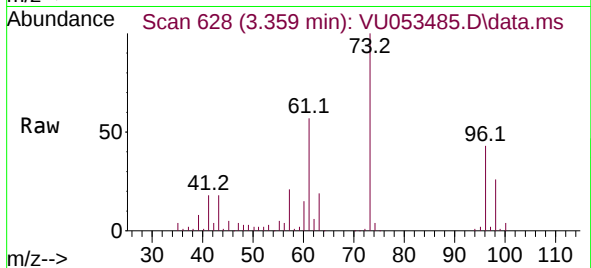
Tgt Ion: 59 Resp: 75237
Ion Ratio Lower Upper
59 100
57 3.3 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 9.903 ug/l
RT: 3.359 min Scan# 61
Delta R.T. -0.010 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

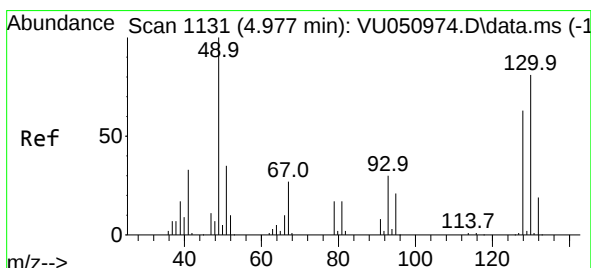
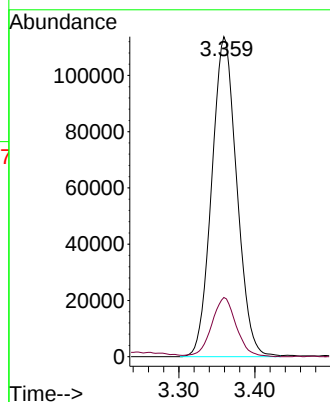
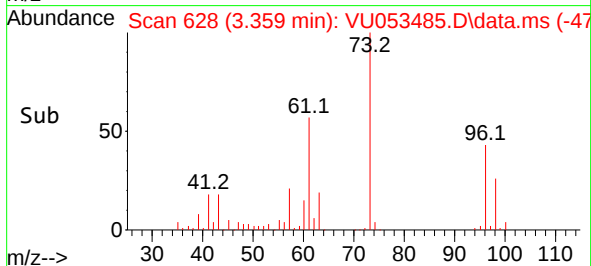
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



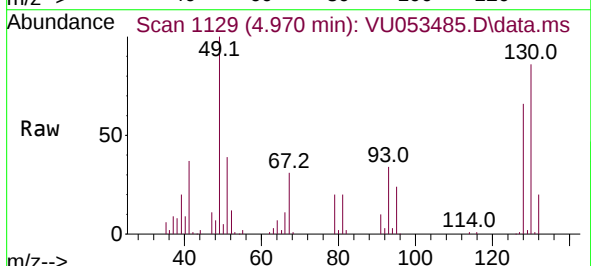
Tgt Ion: 73 Resp: 26042
Ion Ratio Lower Upper
73 100
43 18.2 15.0 22.6

Manual Integrations
APPROVED

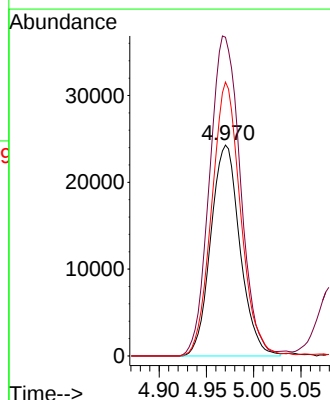
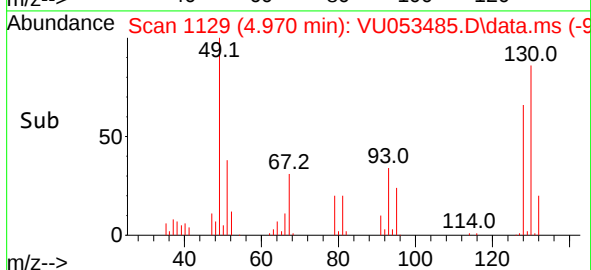
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

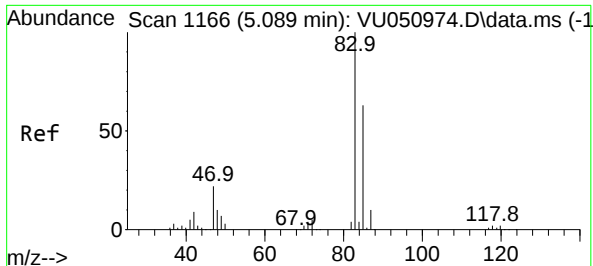


#26
Bromochloromethane
Concen: 9.698 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02



Tgt Ion:128 Resp: 52052
Ion Ratio Lower Upper
128 100
49 160.2 0.0 324.6
130 128.9 103.0 154.4





#27

Chloroform

Concen: 9.927 ug/l

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU053485.D

Acq: 30 Mar 2023 15:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 230558

Ion Ratio Lower Upper

83 100

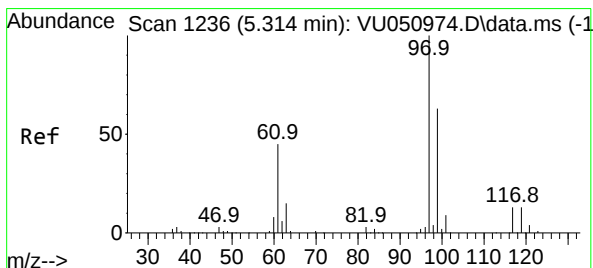
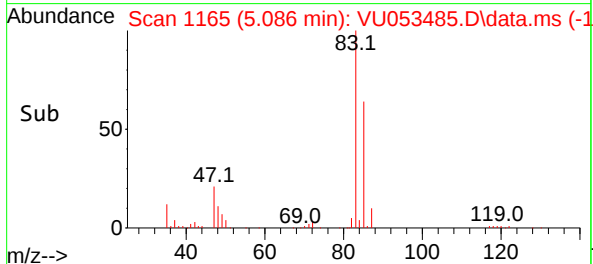
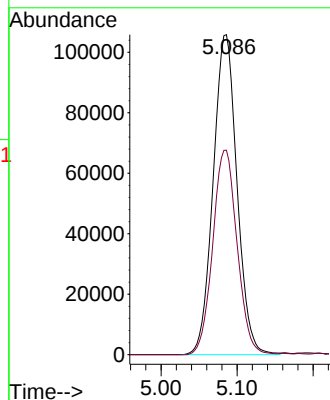
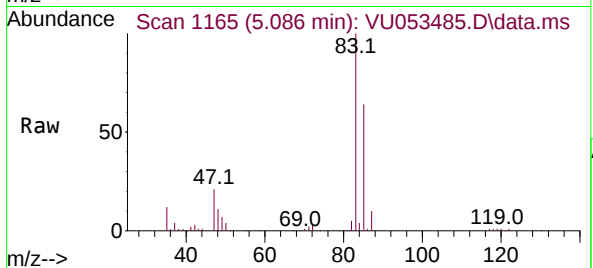
85 63.9 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#28

1,1,1-Trichloroethane

Concen: 10.119 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.003 min

Lab File: VU053485.D

Acq: 30 Mar 2023 15:02

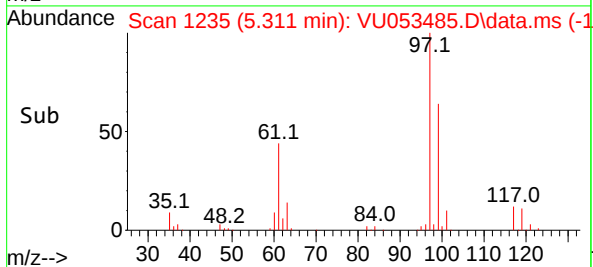
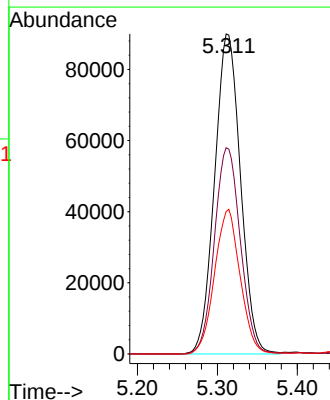
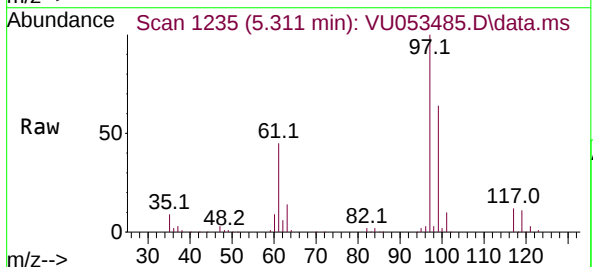
Tgt Ion: 97 Resp: 202630

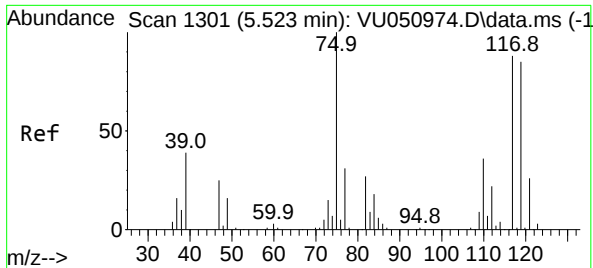
Ion Ratio Lower Upper

97 100

99 64.4 32.0 96.2

61 44.5 22.9 68.5





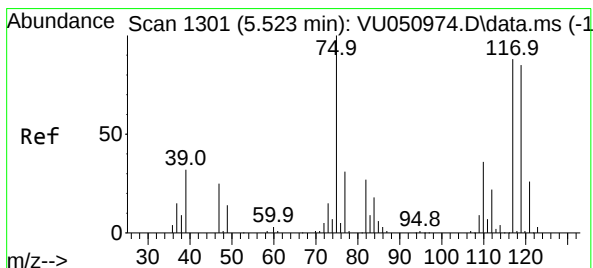
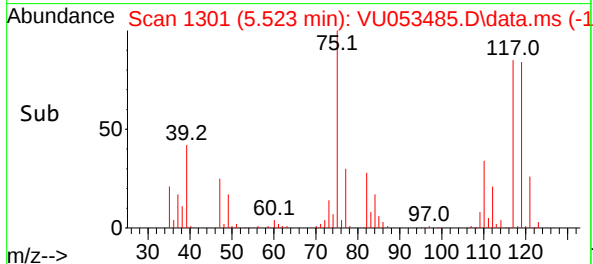
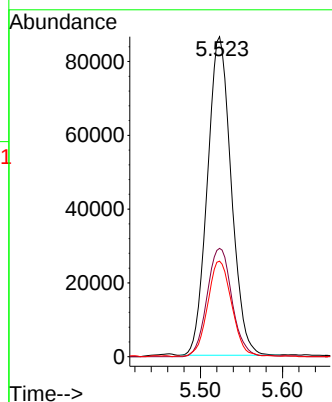
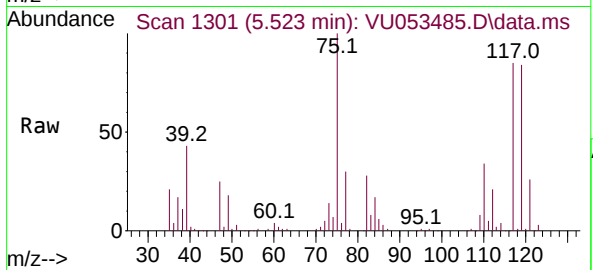
#29
1,1-Dichloropropene
Concen: 10.046 ug/l
RT: 5.523 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 174074
Ion Ratio Lower Upper
75 100
110 35.7 18.0 54.0
77 30.4 24.7 37.1

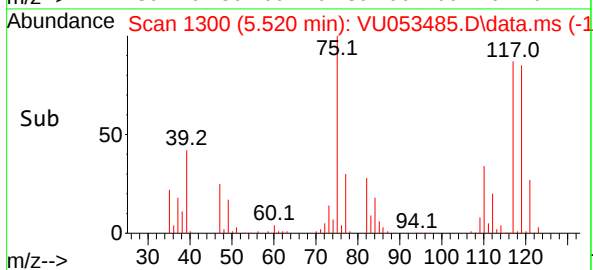
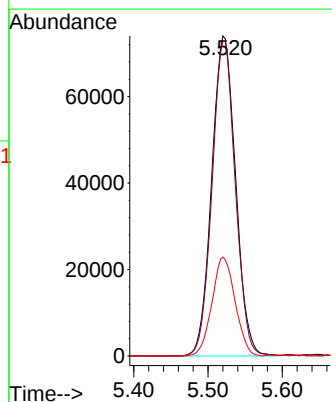
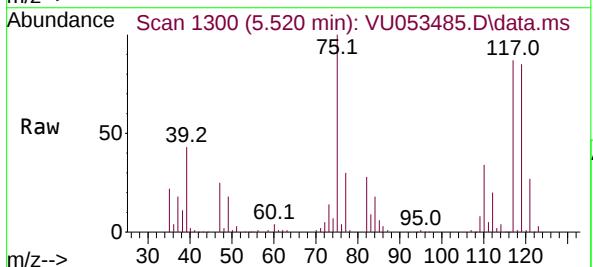
Manual Integrations
APPROVED

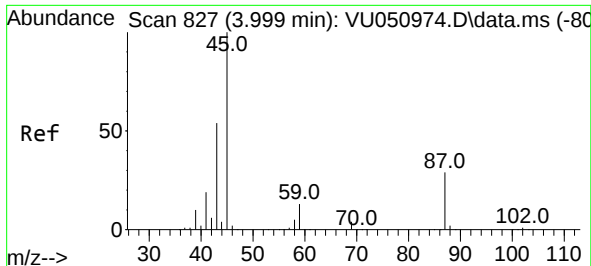
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#30
Carbon Tetrachloride
Concen: 10.372 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

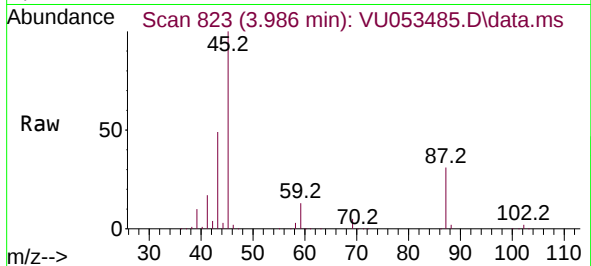
Tgt Ion:117 Resp: 165293
Ion Ratio Lower Upper
117 100
119 98.4 77.4 116.0
121 30.9 24.0 36.0





#31
Isopropyl Ether
Concen: 10.075 ug/l
RT: 3.986 min Scan# 81
Delta R.T. -0.013 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

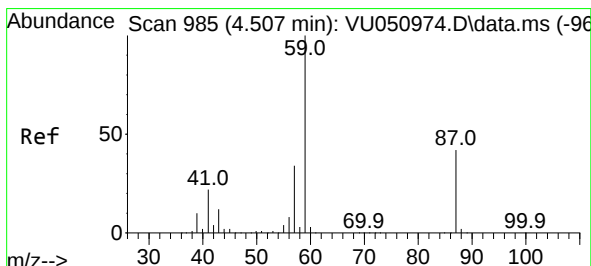
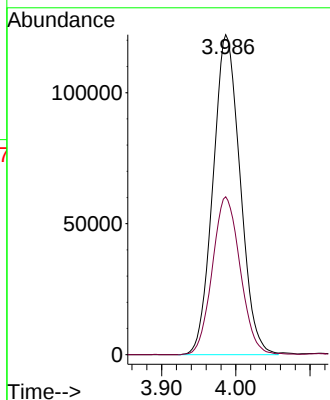
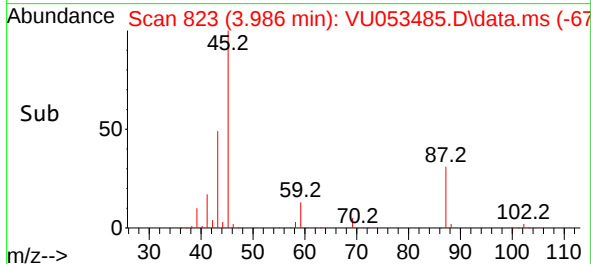
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



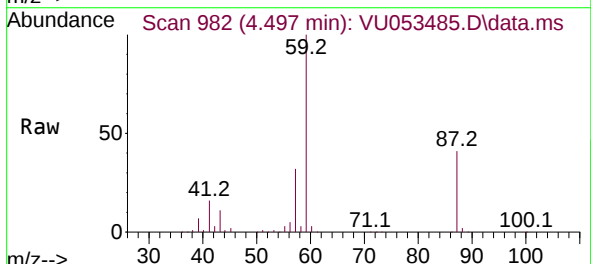
Tgt Ion: 45 Resp: 31012
Ion Ratio Lower Upper
45 100
43 50.6 27.5 82.5

Manual Integrations
APPROVED

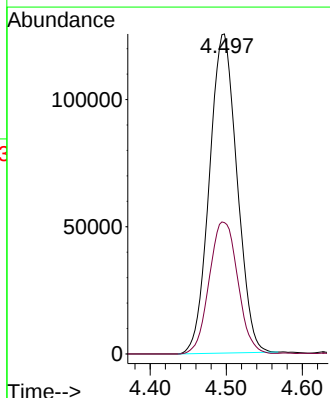
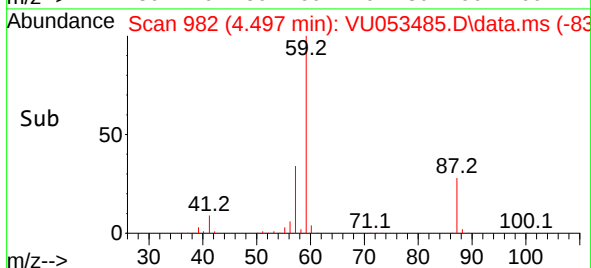
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

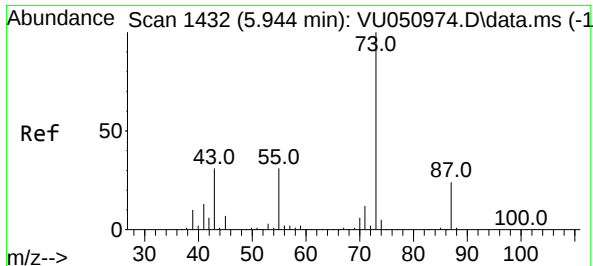


#32
Ethyl-t-butyl ether
Concen: 10.011 ug/l
RT: 4.497 min Scan# 982
Delta R.T. -0.010 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02



Tgt Ion: 59 Resp: 316530
Ion Ratio Lower Upper
59 100
87 42.6 33.5 50.3





#33

Tert-Amyl methyl ether

Concen: 9.914 ug/l

RT: 5.935 min Scan# 1432

Delta R.T. -0.010 min

Lab File: VU053485.D

Acq: 30 Mar 2023 15:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 73 Resp: 278734

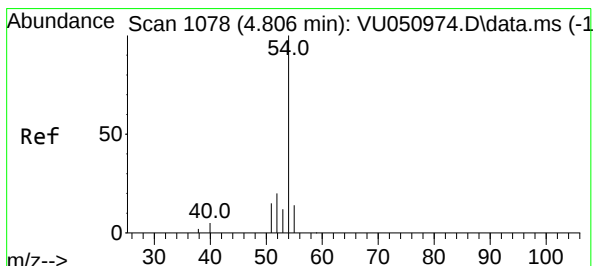
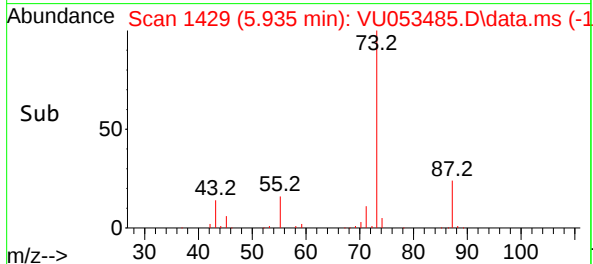
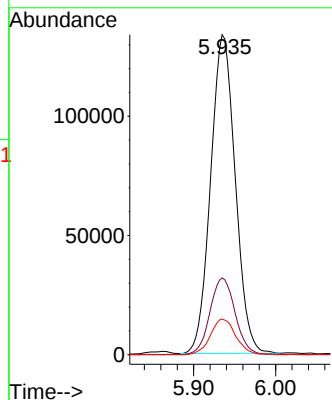
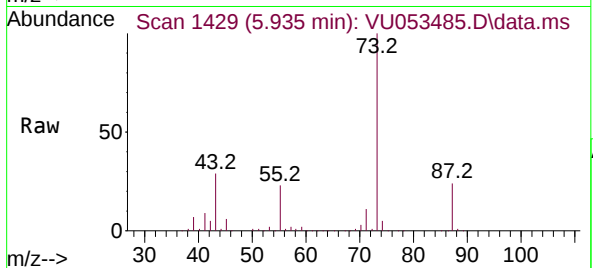
Ion	Ratio	Lower	Upper
73	100		
87	24.5	18.6	28.0
71	11.6	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#34

Propionitrile

Concen: 46.351 ug/l

RT: 4.784 min Scan# 1071

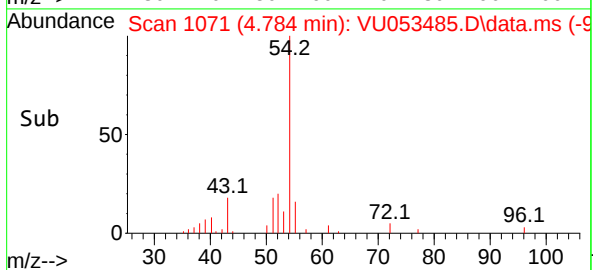
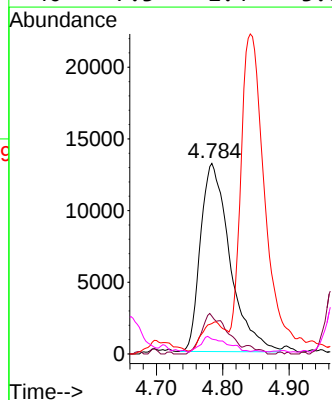
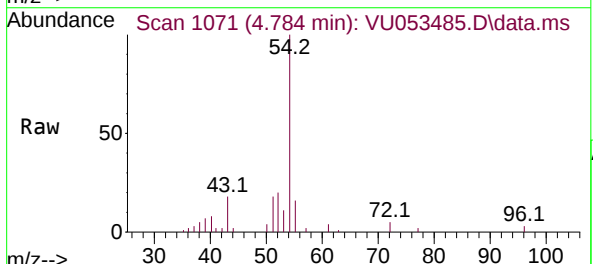
Delta R.T. -0.022 min

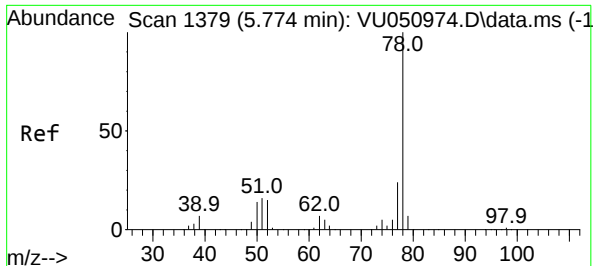
Lab File: VU053485.D

Acq: 30 Mar 2023 15:02

Tgt Ion: 54 Resp: 40548

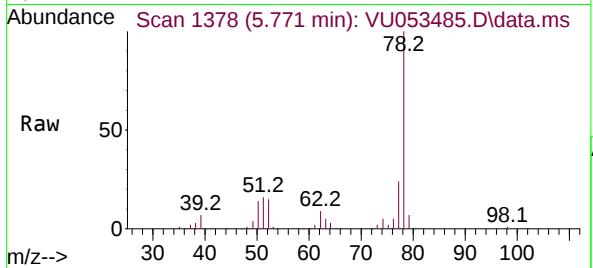
Ion	Ratio	Lower	Upper
54	100		
52	18.3	17.4	26.0
55	12.0	104.1	156.1#
40	7.3	2.4	3.6#





#35
Benzene
Concen: 9.913 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

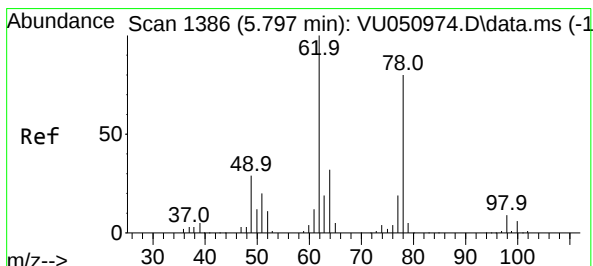
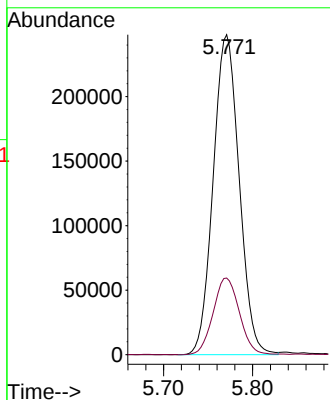
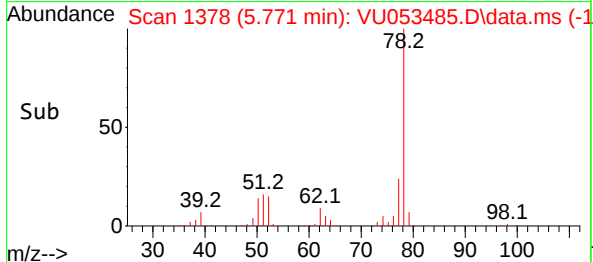
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



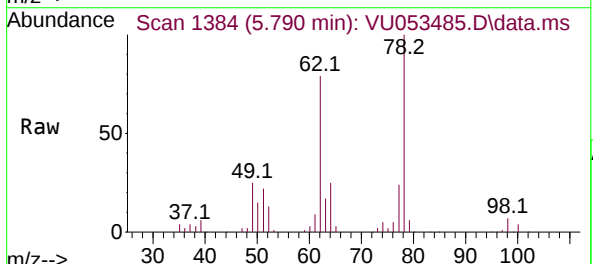
Tgt Ion: 78 Resp: 50245
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3

Manual Integrations
APPROVED

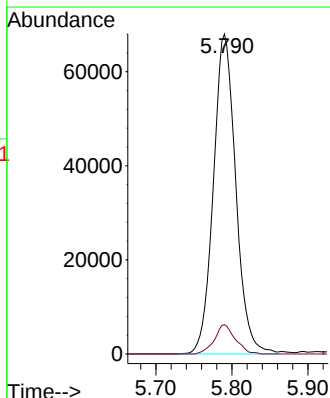
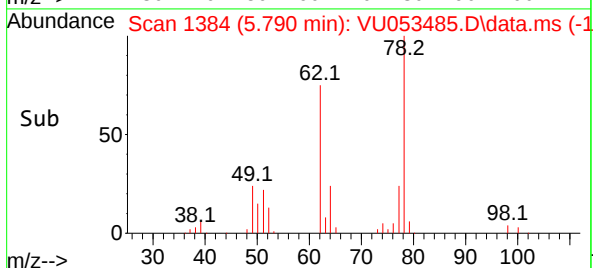
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

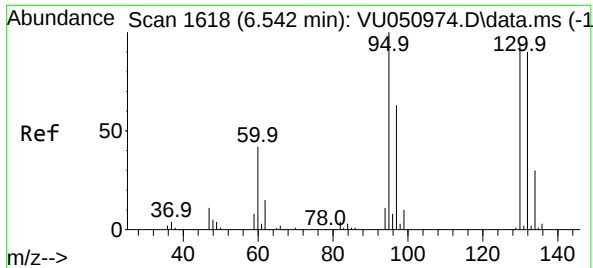


#36
1,2-Dichloroethane
Concen: 9.553 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. -0.006 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02



Tgt Ion: 62 Resp: 139102
Ion Ratio Lower Upper
62 100
98 8.5 7.3 10.9





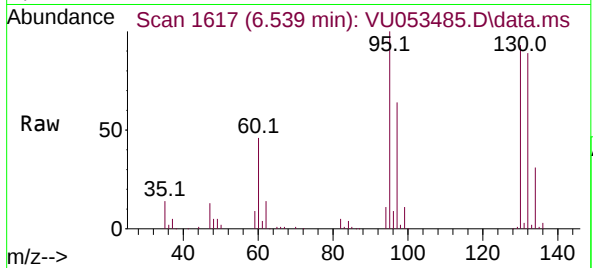
#37
 Trichloroethene
 Concen: 9.986 ug/l
 RT: 6.539 min Scan# 1617
 Delta R.T. -0.003 min
 Lab File: VU053485.D
 Acq: 30 Mar 2023 15:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



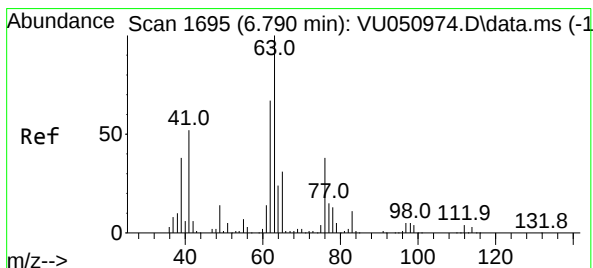
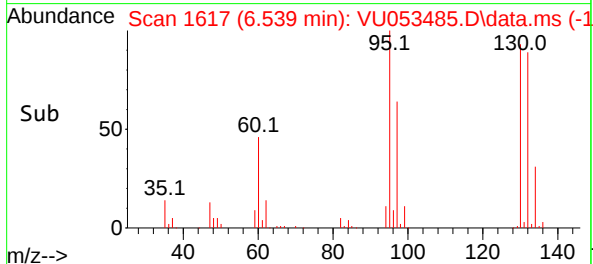
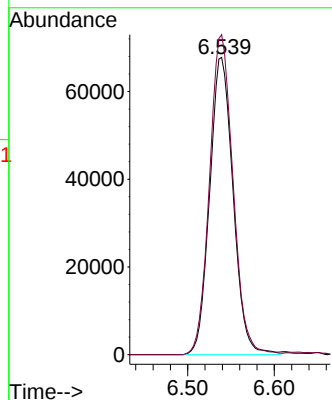
Tgt Ion:130 Resp: 127299
 Ion Ratio Lower Upper
 130 100
 95 107.6 85.0 127.6

Manual Integrations

APPROVED

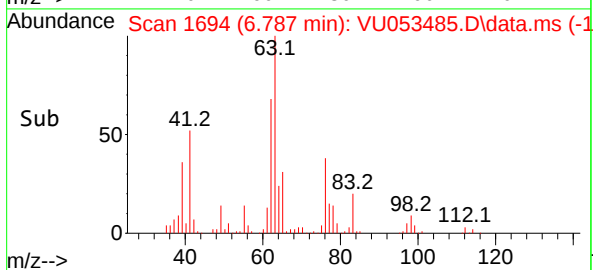
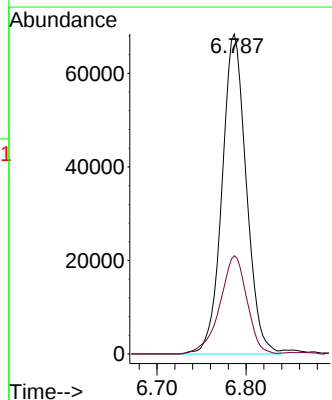
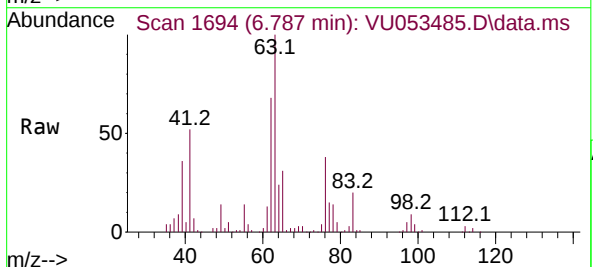
Reviewed By :Krupa Patel 04/07/2023

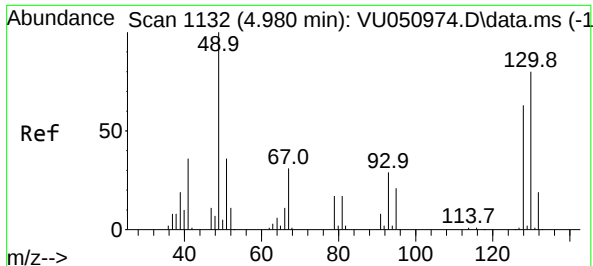
Supervised By :Mahesh Dadoda 04/07/2023



#38
 1,2-Dichloropropane
 Concen: 9.962 ug/l
 RT: 6.787 min Scan# 1694
 Delta R.T. -0.003 min
 Lab File: VU053485.D
 Acq: 30 Mar 2023 15:02

Tgt Ion: 63 Resp: 129379
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.9 37.3





#39

Methacrylonitrile

Concen: 9.997 ug/l

RT: 4.970 min Scan# 1132

Delta R.T. -0.010 min

Lab File: VU053485.D

Acq: 30 Mar 2023 15:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

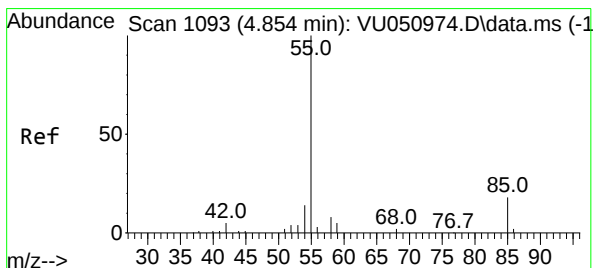
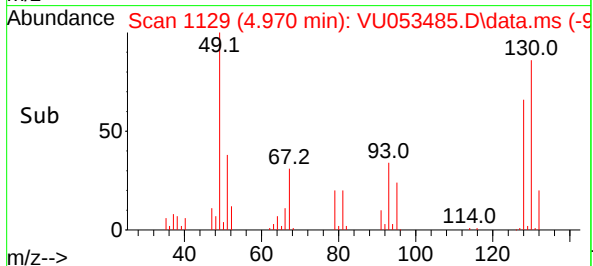
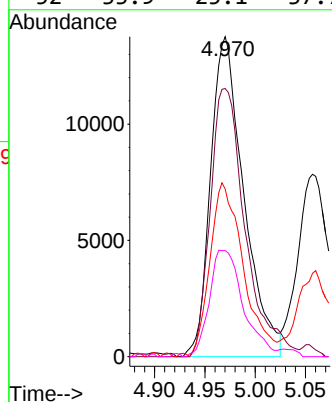
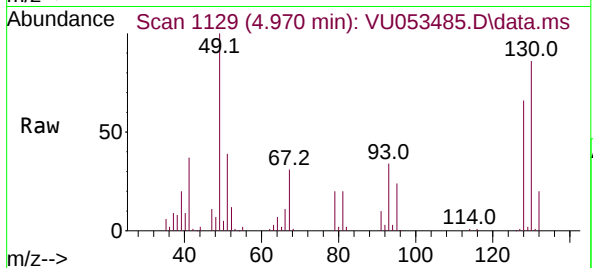
Tgt Ion: 41	Resp: 31640
Ion Ratio	Lower Upper
41 100	
67 88.0	66.8 100.2
39 54.5	41.2 61.8
52 33.9	25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#40

Methyl acrylate

Concen: 8.908 ug/l

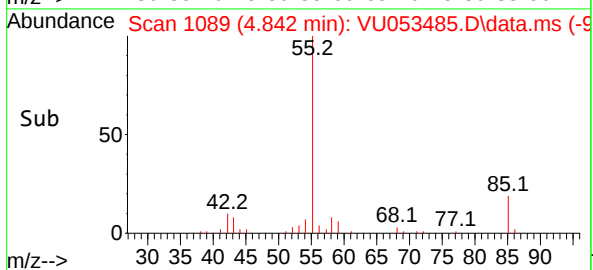
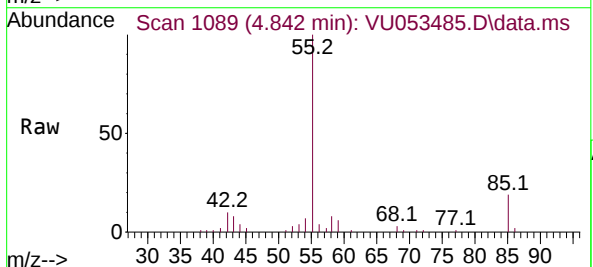
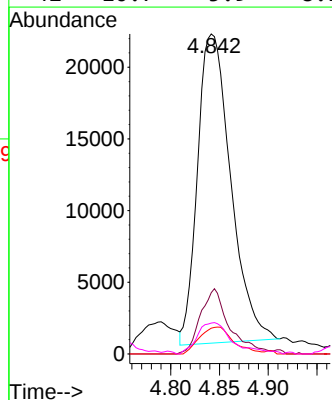
RT: 4.842 min Scan# 1089

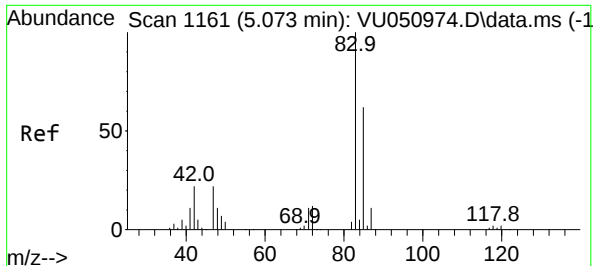
Delta R.T. -0.013 min

Lab File: VU053485.D

Acq: 30 Mar 2023 15:02

Tgt Ion: 55	Resp: 51129
Ion Ratio	Lower Upper
55 100	
85 18.4	13.3 19.9
58 8.9	6.5 9.7
42 10.7	5.9 8.9





#41

Tetrahydrofuran

Concen: 19.389 ug/l

RT: 5.057 min Scan# 1161

Delta R.T. -0.016 min

Lab File: VU053485.D

Acq: 30 Mar 2023 15:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 42 Resp: 32045

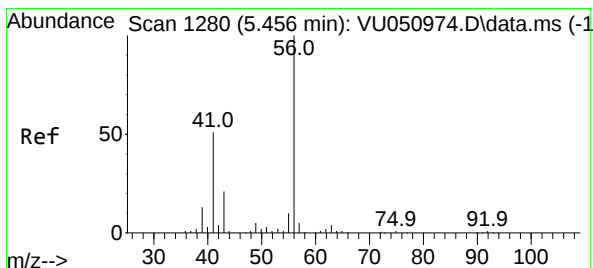
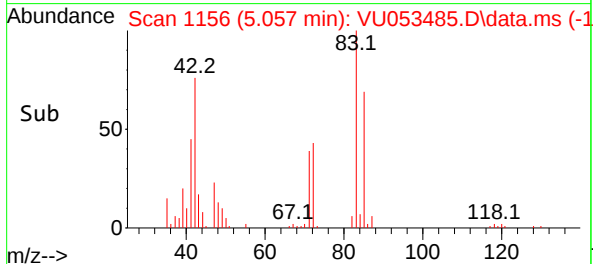
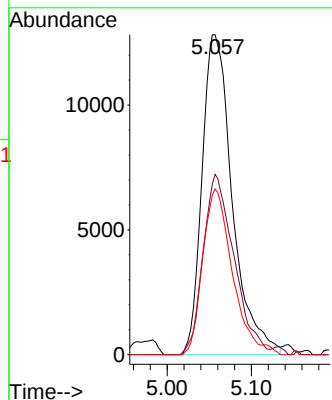
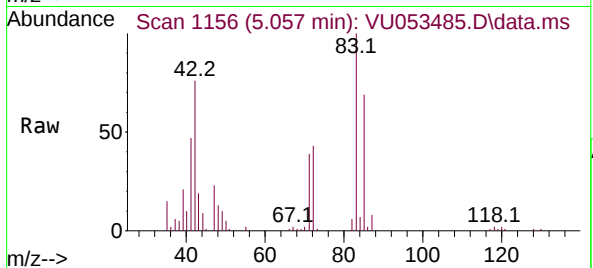
Ion	Ratio	Lower	Upper
42	100		
72	57.2	40.9	61.3
71	51.1	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#42

1-Chlorobutane

Concen: 9.936 ug/l

RT: 5.452 min Scan# 1279

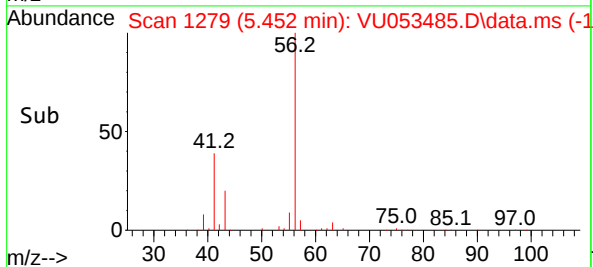
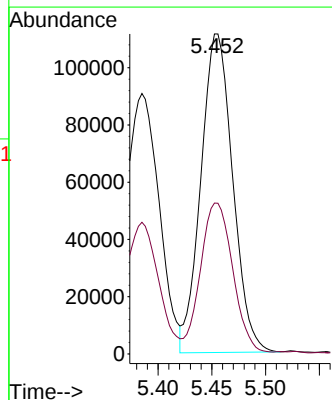
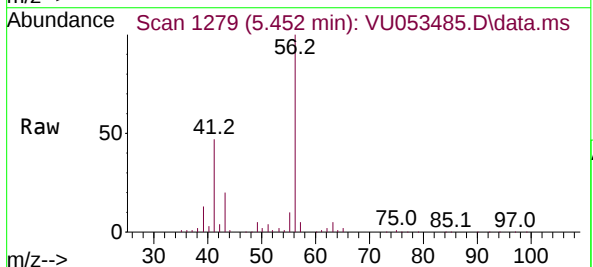
Delta R.T. -0.003 min

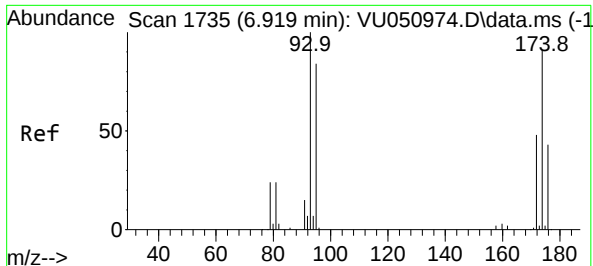
Lab File: VU053485.D

Acq: 30 Mar 2023 15:02

Tgt Ion: 56 Resp: 229000

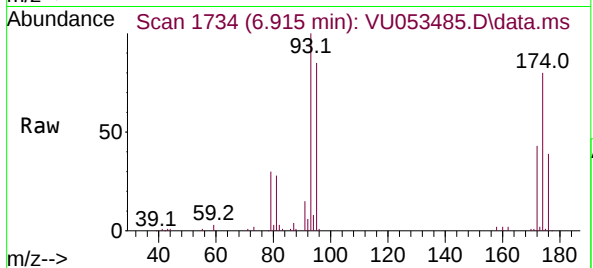
Ion	Ratio	Lower	Upper
56	100		
41	47.6	25.2	75.6





#43
Dibromomethane
Concen: 10.051 ug/l
RT: 6.915 min Scan# 1734
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

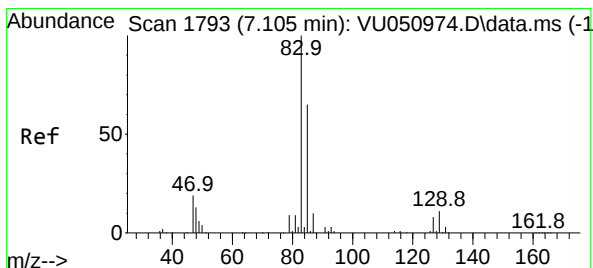
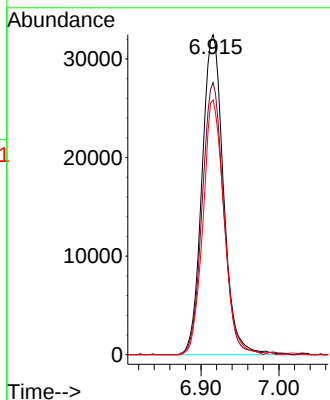
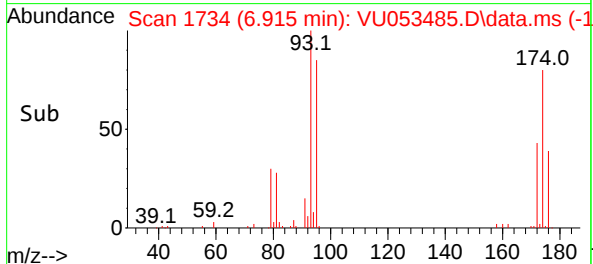
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 93 Resp: 62190
Ion Ratio Lower Upper
93 100
95 84.6 67.0 100.6
174 78.1 73.8 110.6

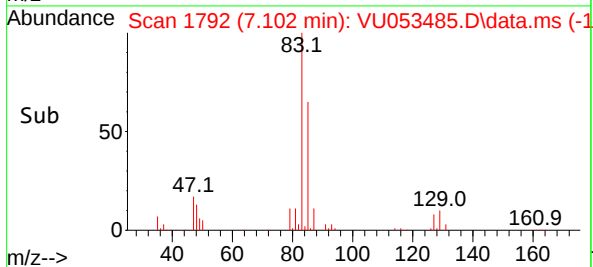
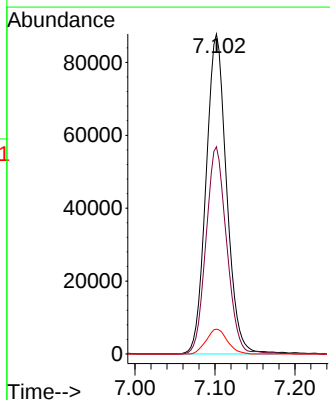
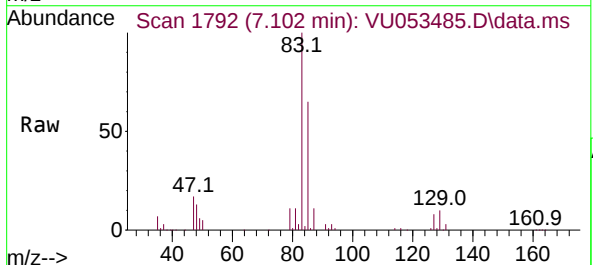
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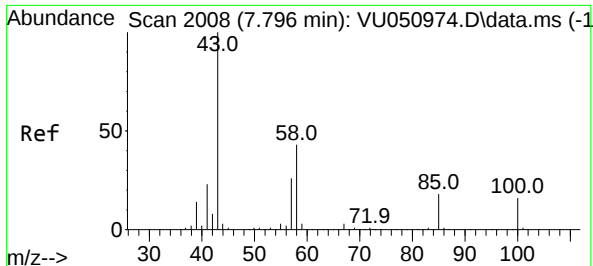
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#44
Bromodichloromethane
Concen: 10.137 ug/l
RT: 7.102 min Scan# 1792
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

Tgt Ion: 83 Resp: 156846
Ion Ratio Lower Upper
83 100
85 64.8 51.9 77.9
127 7.8 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 51.758 ug/l

RT: 7.787 min Scan# 2005

Delta R.T. -0.010 min

Lab File: VU053485.D

Acq: 30 Mar 2023 15:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 33219

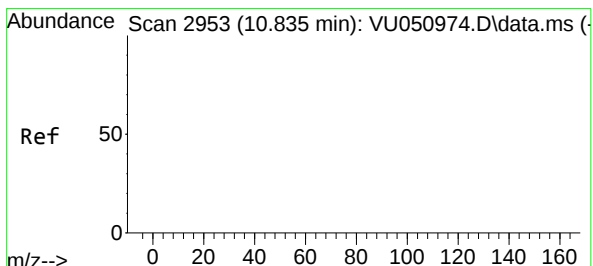
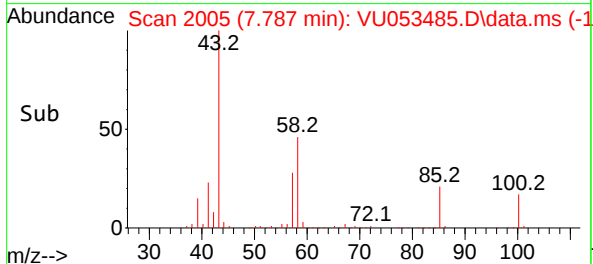
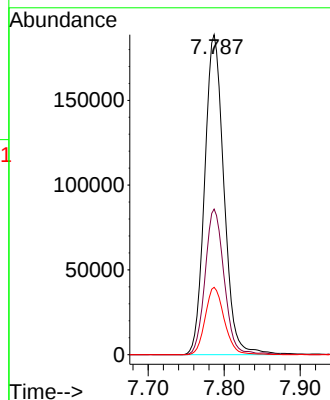
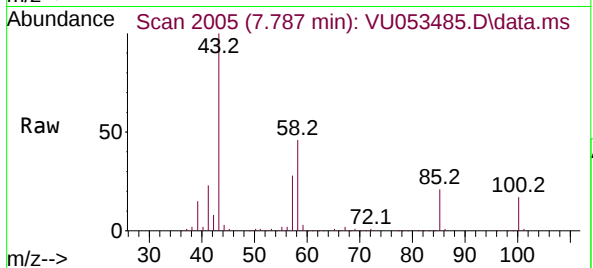
Ion	Ratio	Lower	Upper
43	100		
58	44.8	20.9	62.8
85	20.9	14.6	21.8

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: 16.294 ug/l m

RT: 10.828 min Scan# 2951

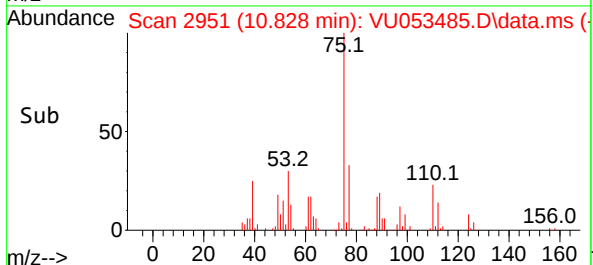
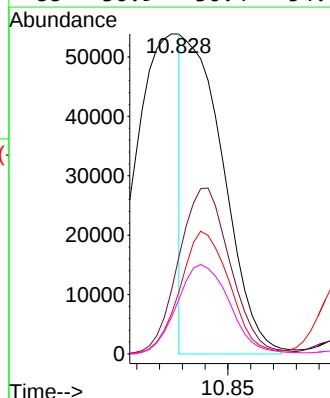
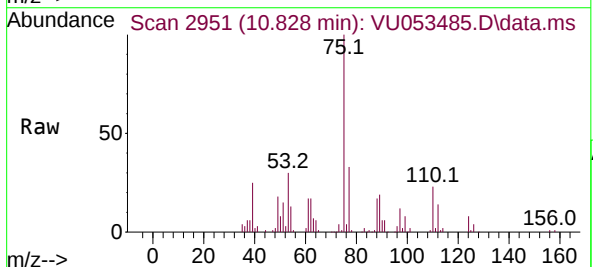
Delta R.T. -0.007 min

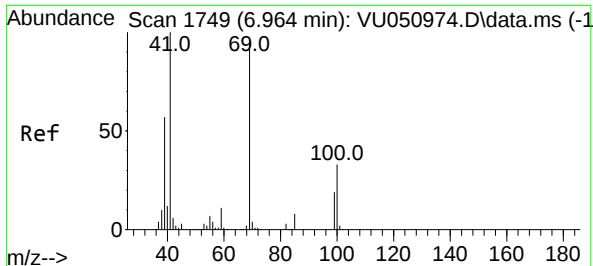
Lab File: VU053485.D

Acq: 30 Mar 2023 15:02

Tgt Ion: 75 Resp: 65509

Ion	Ratio	Lower	Upper
75	100		
53	67.7	73.3	109.9#
89	47.8	48.2	72.4#
88	36.9	36.4	54.6





#47

Methyl methacrylate

Concen: 19.721 ug/l

RT: 6.957 min Scan# 11

Delta R.T. -0.007 min

Lab File: VU053485.D

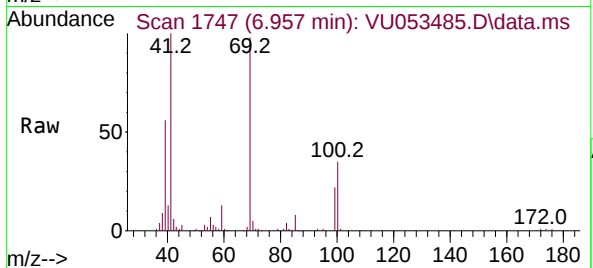
Acq: 30 Mar 2023 15:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 69 Resp: 11219

Ion Ratio Lower Upper

69 100

41 96.3 0.0 209.2

39 57.6 46.7 70.1

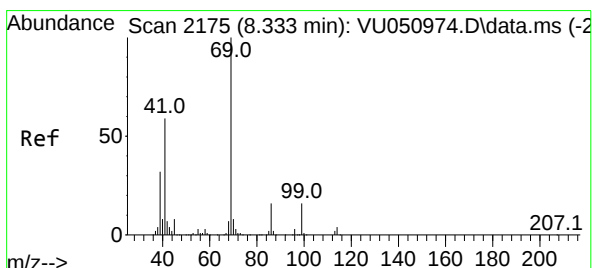
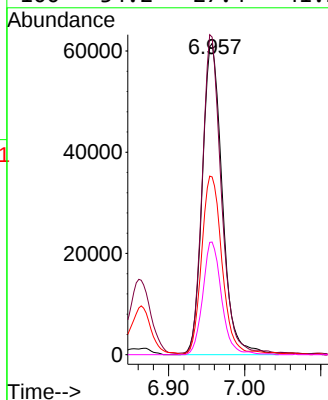
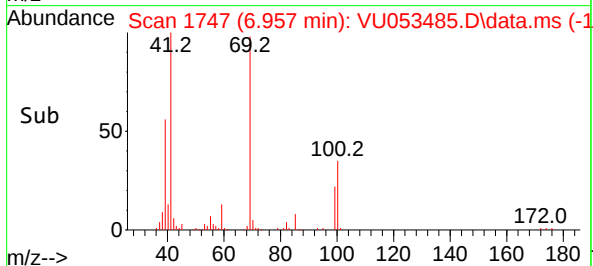
100 34.2 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#48

Ethyl methacrylate

Concen: 9.955 ug/l

RT: 8.330 min Scan# 2174

Delta R.T. -0.003 min

Lab File: VU053485.D

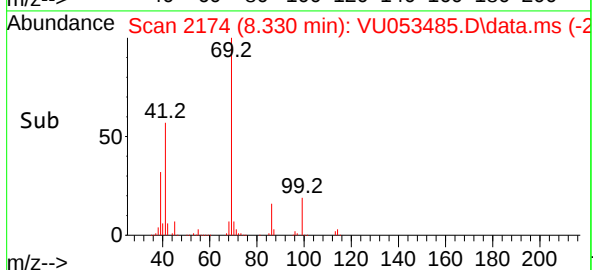
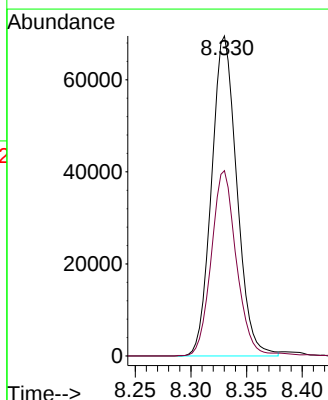
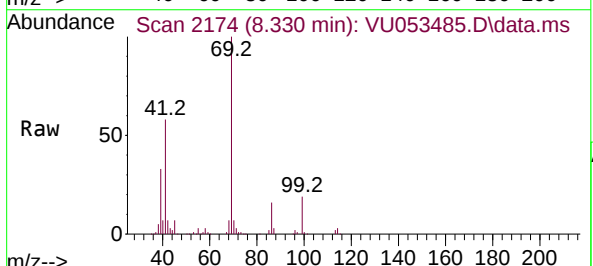
Acq: 30 Mar 2023 15:02

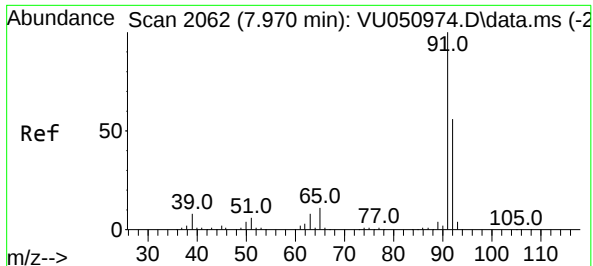
Tgt Ion: 69 Resp: 109831

Ion Ratio Lower Upper

69 100

41 58.0 30.3 90.8





#49

Toluene

Concen: 10.171 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU053485.D

Acq: 30 Mar 2023 15:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 92 Resp: 31598

Ion Ratio Lower Upper

92 100

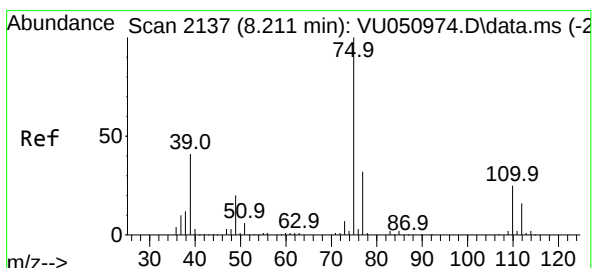
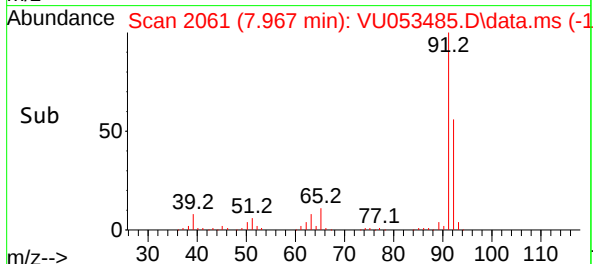
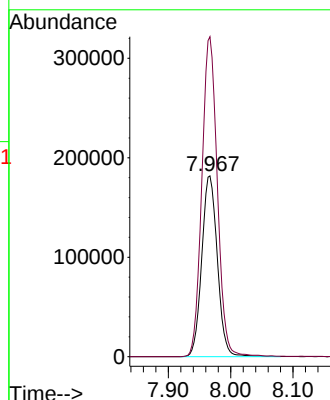
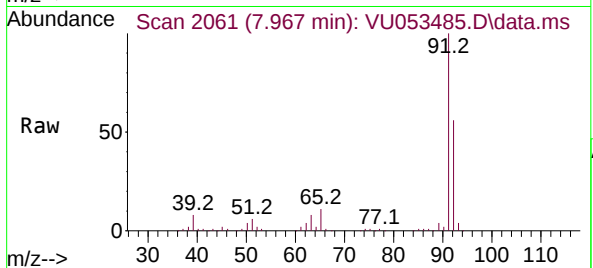
91 176.3 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#50

t-1,3-Dichloropropene

Concen: 10.630 ug/l

RT: 8.205 min Scan# 2135

Delta R.T. -0.007 min

Lab File: VU053485.D

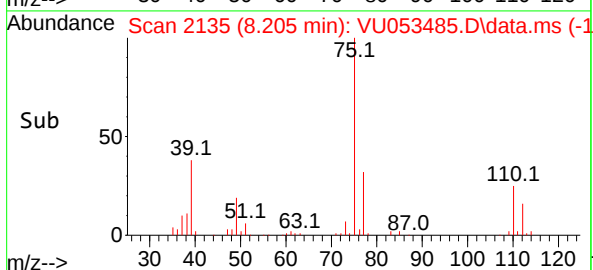
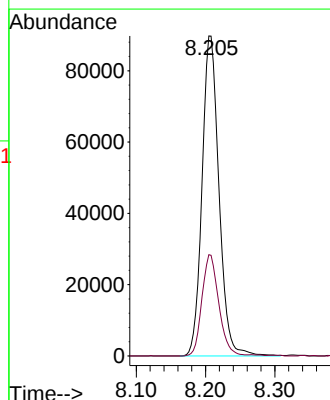
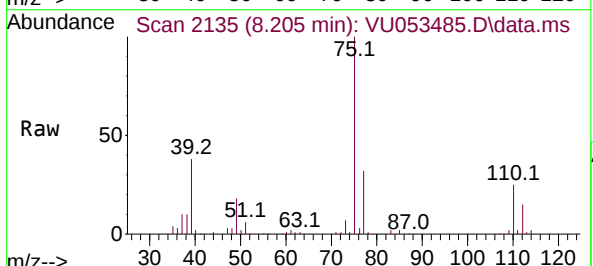
Acq: 30 Mar 2023 15:02

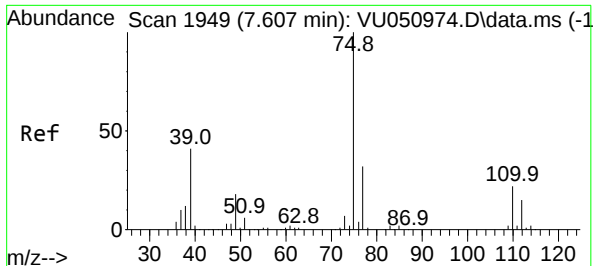
Tgt Ion: 75 Resp: 152347

Ion Ratio Lower Upper

75 100

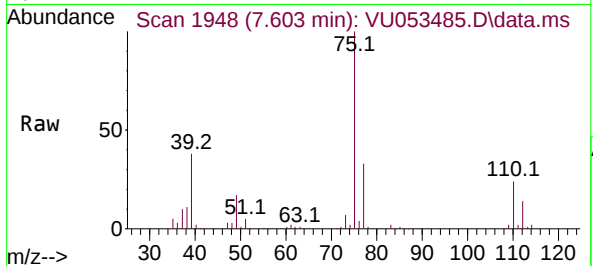
77 31.6 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 10.184 ug/l
 RT: 7.603 min Scan# 1949
 Delta R.T. -0.003 min
 Lab File: VU053485.D
 Acq: 30 Mar 2023 15:02

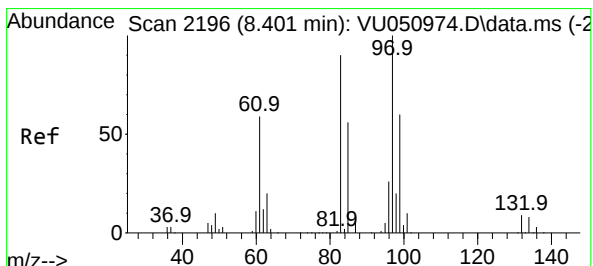
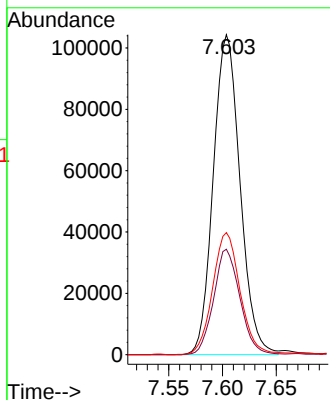
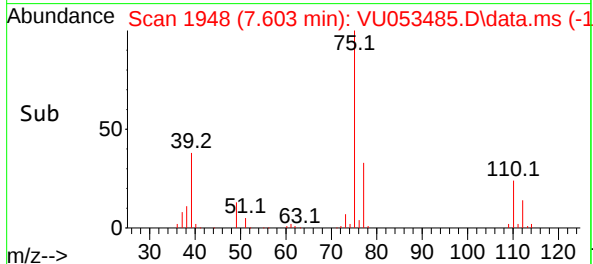
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 75 Resp: 18075
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.7 38.5
 39 38.1 32.8 49.2

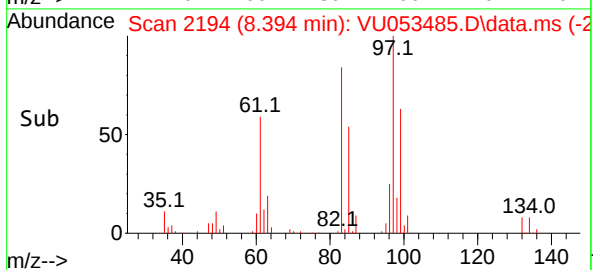
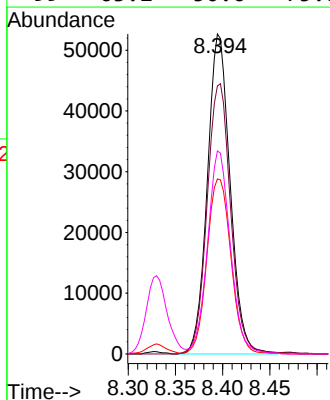
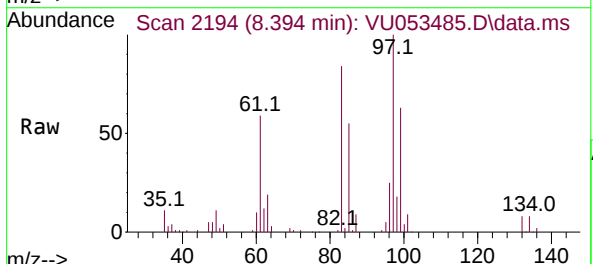
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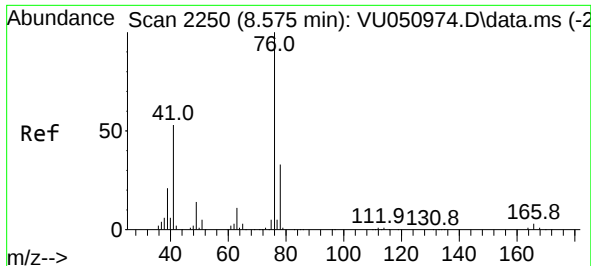
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023



#52
 1,1,2-Trichloroethane
 Concen: 9.836 ug/l
 RT: 8.394 min Scan# 2194
 Delta R.T. -0.007 min
 Lab File: VU053485.D
 Acq: 30 Mar 2023 15:02

Tgt Ion: 97 Resp: 88246
 Ion Ratio Lower Upper
 97 100
 83 83.8 71.8 107.8
 85 54.4 45.2 67.8
 99 63.2 50.6 75.8





#53

1,3-Dichloropropane

Concen: 9.947 ug/l

RT: 8.571 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU053485.D

Acq: 30 Mar 2023 15:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 76 Resp: 15395

Ion Ratio Lower Upper

76 100

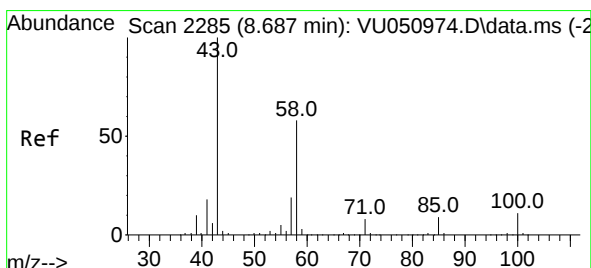
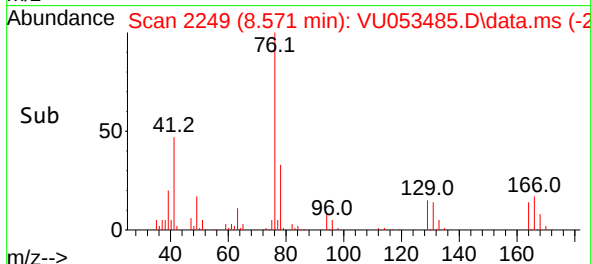
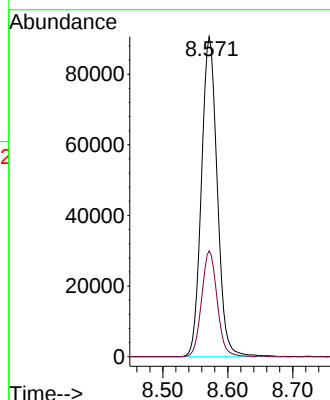
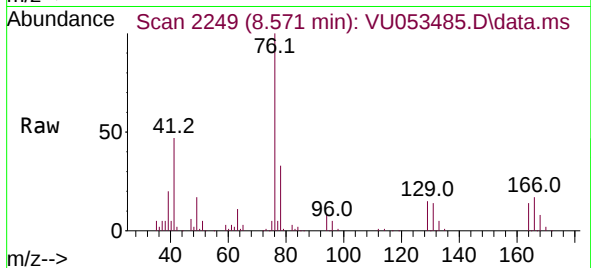
78 32.5 25.9 38.9

Manual Integrations

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Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#54

2-Hexanone

Concen: 55.454 ug/l

RT: 8.681 min Scan# 2283

Delta R.T. -0.006 min

Lab File: VU053485.D

Acq: 30 Mar 2023 15:02

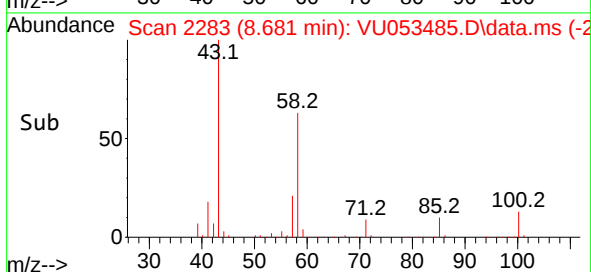
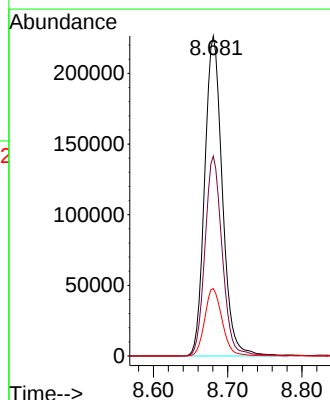
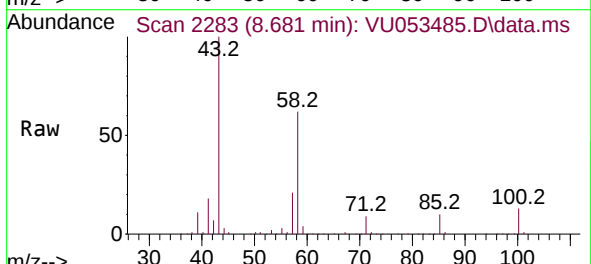
Tgt Ion: 43 Resp: 373415

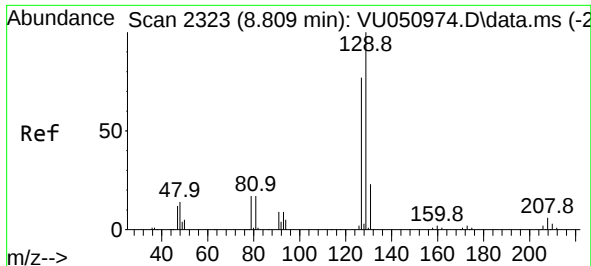
Ion Ratio Lower Upper

43 100

58 61.1 38.2 78.2

57 20.8 0.0 39.1





#55

Dibromochloromethane

Concen: 10.477 ug/l

RT: 8.806 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU053485.D

Acq: 30 Mar 2023 15:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:129 Resp: 95692

Ion Ratio Lower Upper

129 100

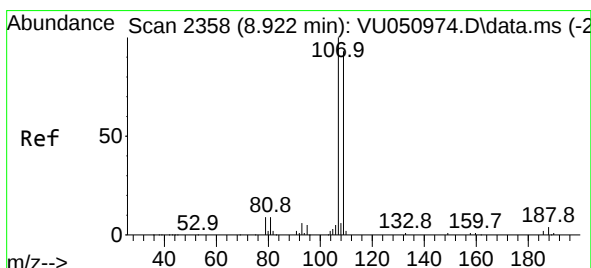
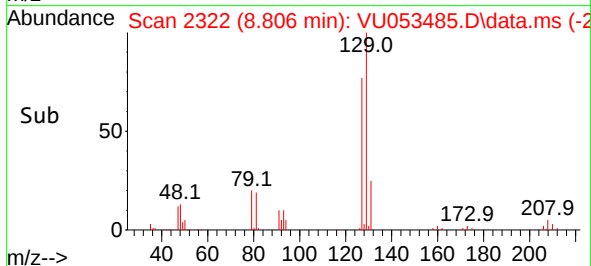
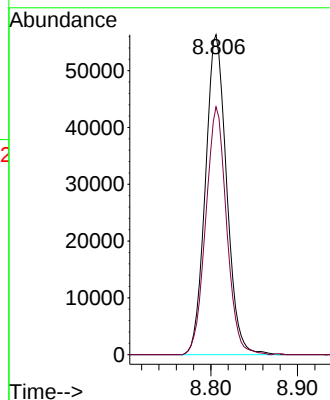
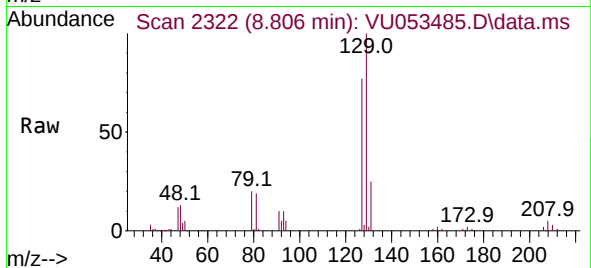
127 76.3 61.4 92.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#56

1,2-Dibromoethane

Concen: 10.013 ug/l

RT: 8.919 min Scan# 2357

Delta R.T. -0.003 min

Lab File: VU053485.D

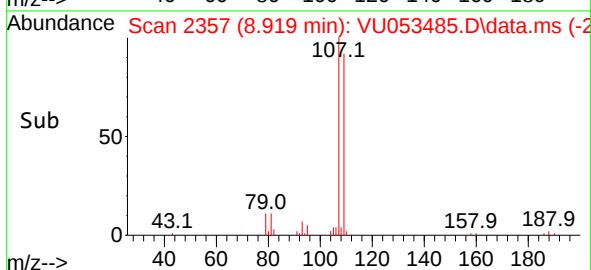
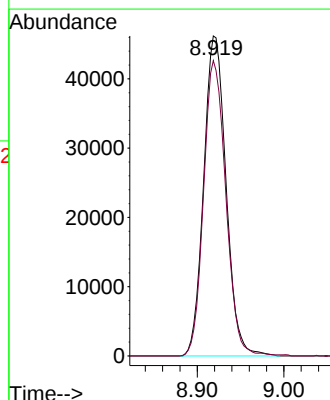
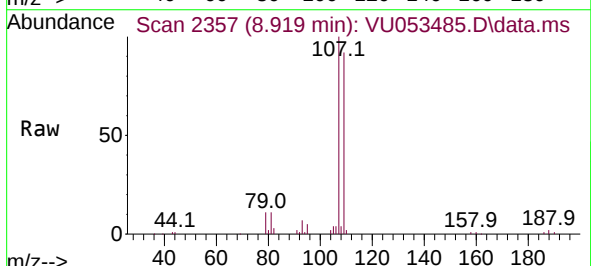
Acq: 30 Mar 2023 15:02

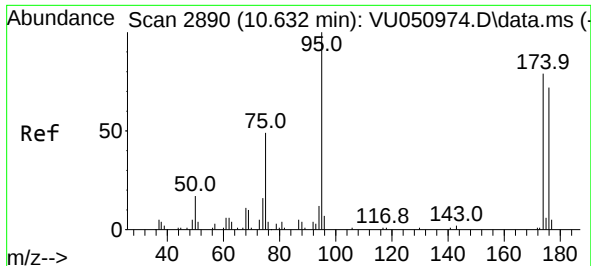
Tgt Ion:107 Resp: 82771

Ion Ratio Lower Upper

107 100

109 91.9 0.0 184.4





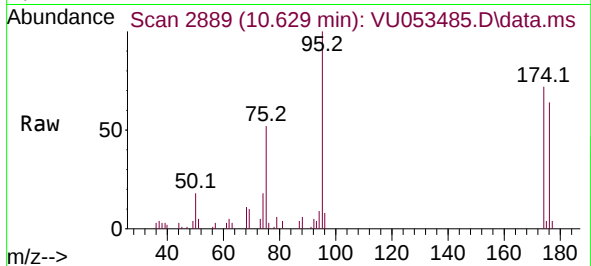
#57
4-Bromofluorobenzene
Concen: 1.031 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC



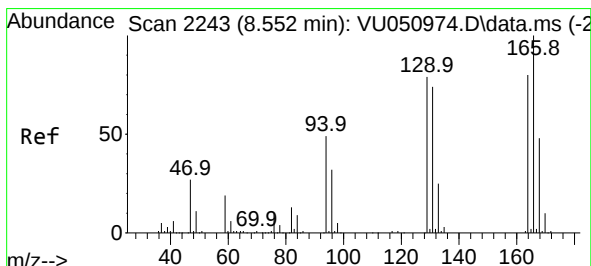
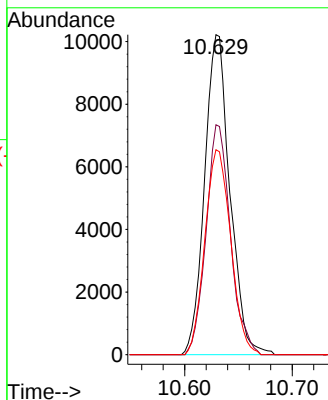
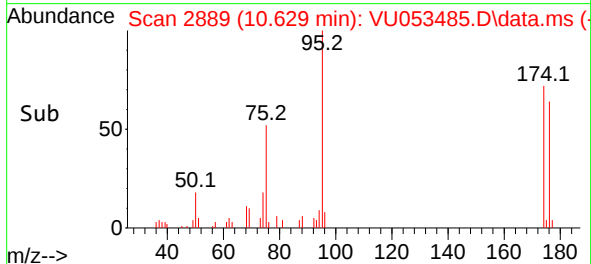
Tgt Ion: 95 Resp: 16719
Ion Ratio Lower Upper
95 100
174 69.1 63.3 94.9
176 65.5 59.3 88.9

Manual Integrations

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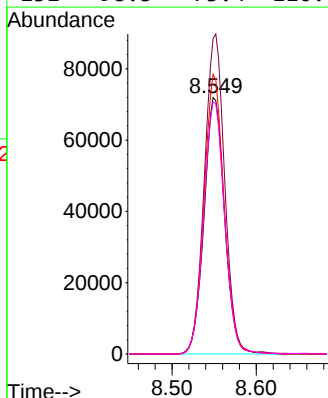
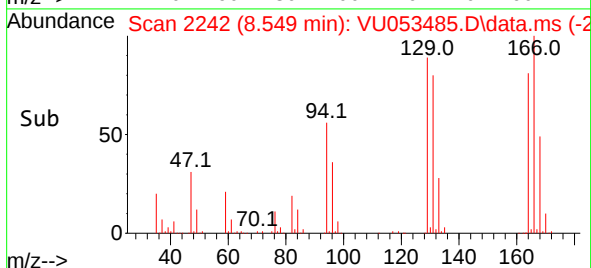
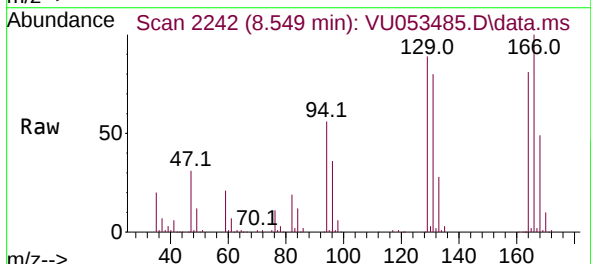
Reviewed By :Krupa Patel 04/07/2023

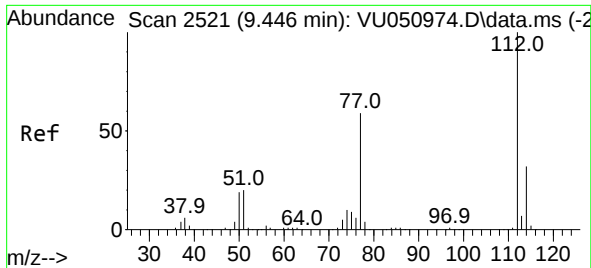
Supervised By :Mahesh Dadoda 04/07/2023



#58
Tetrachloroethene
Concen: 10.238 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

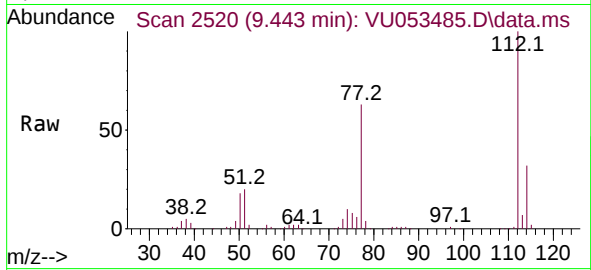
Tgt Ion:164 Resp: 122052
Ion Ratio Lower Upper
164 100
166 123.1 99.6 149.4
129 109.0 78.6 117.8
131 98.3 73.4 110.0





#59
Chlorobenzene
Concen: 9.729 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

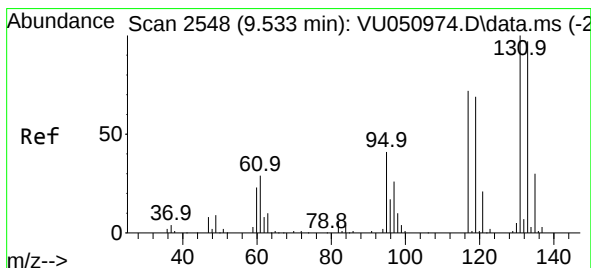
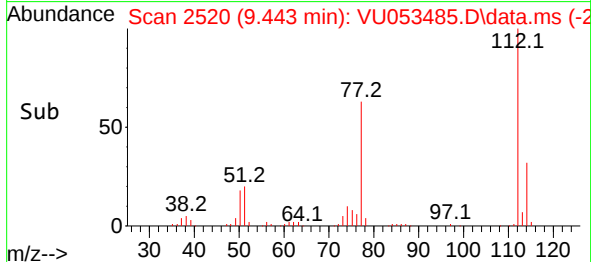
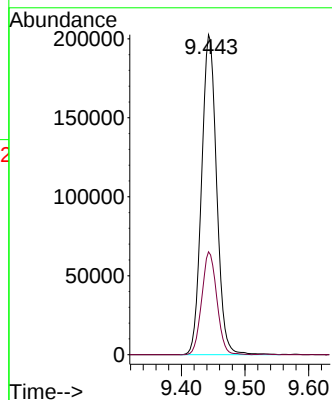
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 33277
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4

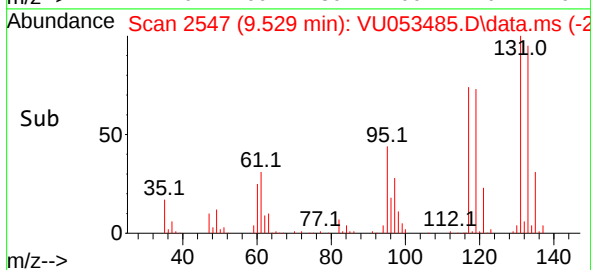
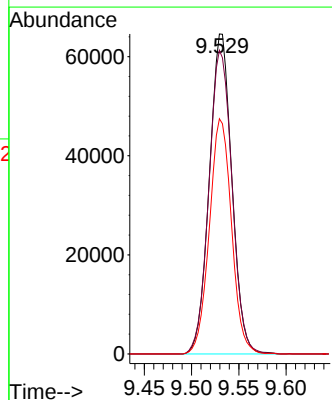
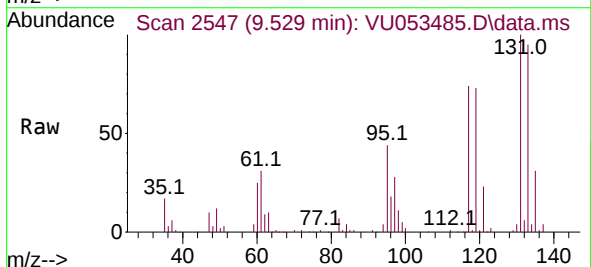
Manual Integrations
APPROVED

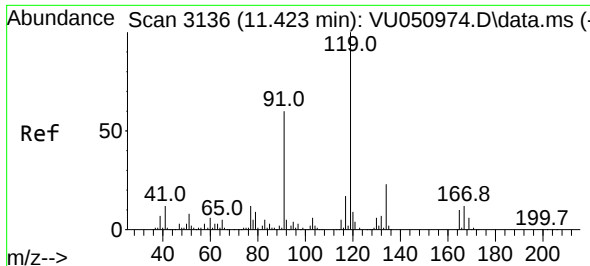
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 10.289 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

Tgt Ion:131 Resp: 106965
Ion Ratio Lower Upper
131 100
133 97.6 77.8 116.6
119 72.3 55.2 82.8





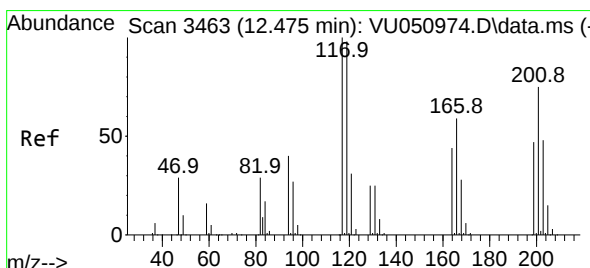
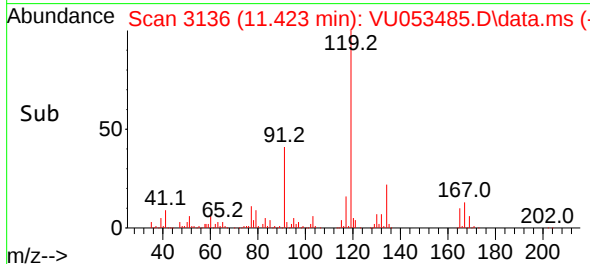
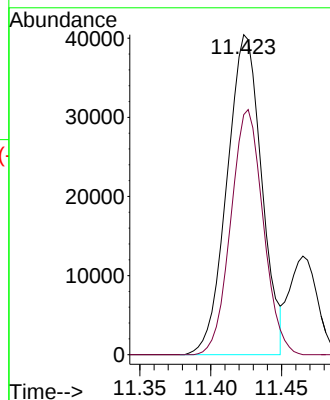
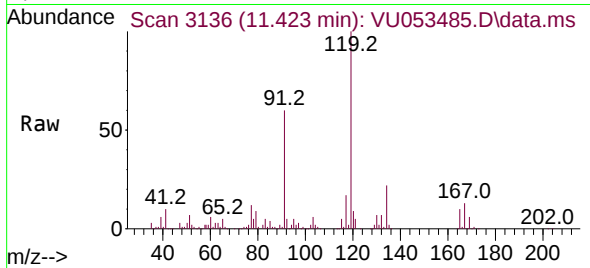
#61
Pentachloroethane
Concen: 9.438 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 68938
Ion Ratio Lower Upper
117 100
167 71.4 56.7 85.1

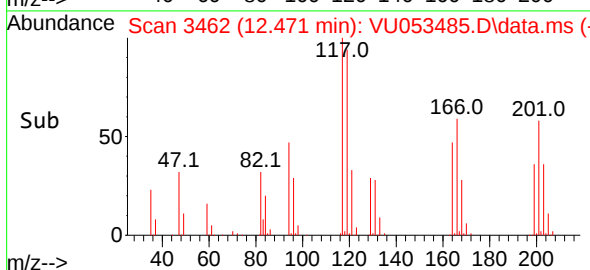
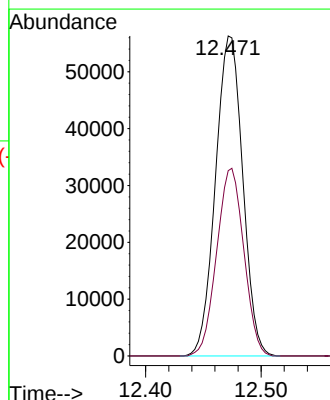
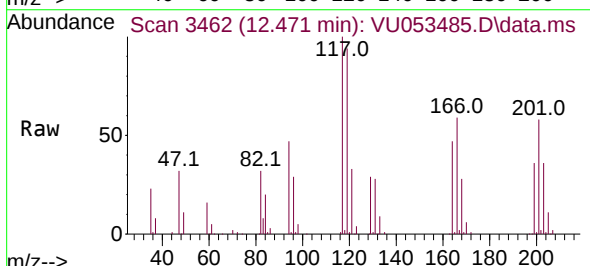
Manual Integrations
APPROVED

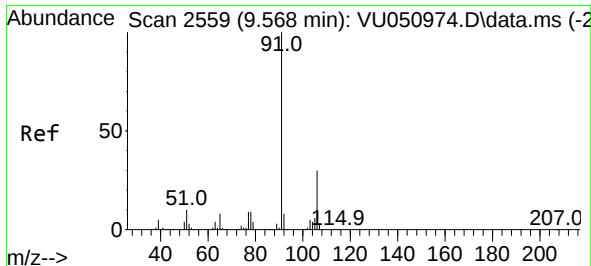
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#62
Hexachloroethane
Concen: 9.185 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. -0.004 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

Tgt Ion:117 Resp: 92400
Ion Ratio Lower Upper
117 100
201 58.3 59.6 89.4#





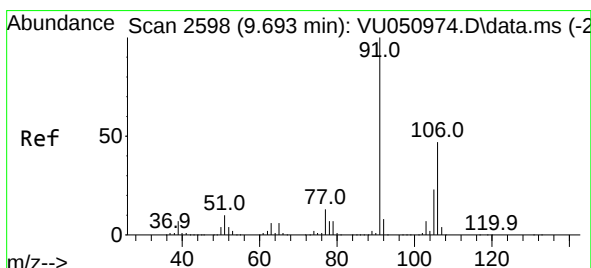
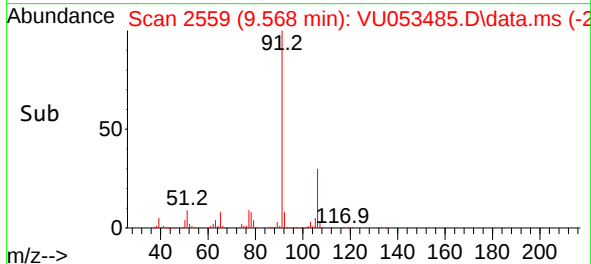
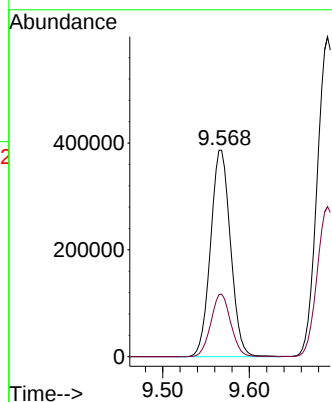
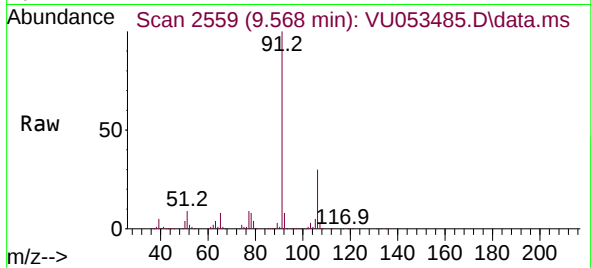
#63
Ethyl Benzene
Concen: 10.323 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 619238
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.2

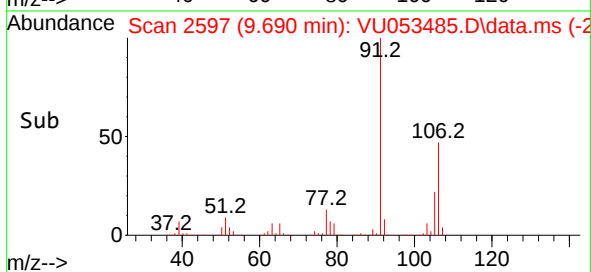
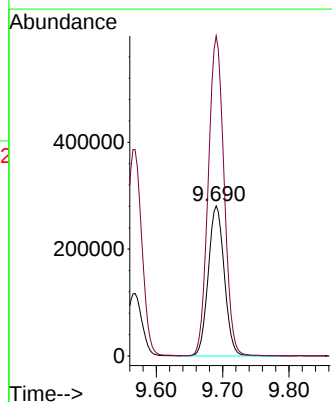
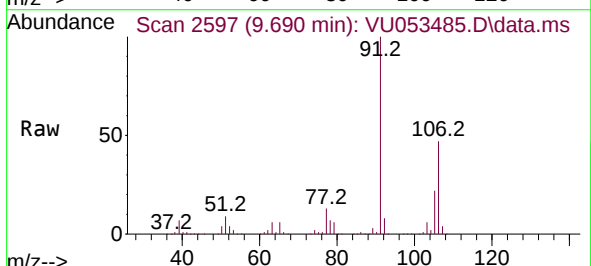
Manual Integrations
APPROVED

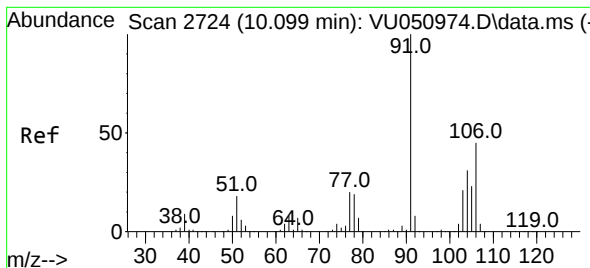
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#64
m/p-Xylenes
Concen: 20.576 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

Tgt Ion:106 Resp: 471871
Ion Ratio Lower Upper
106 100
91 210.5 167.3 250.9





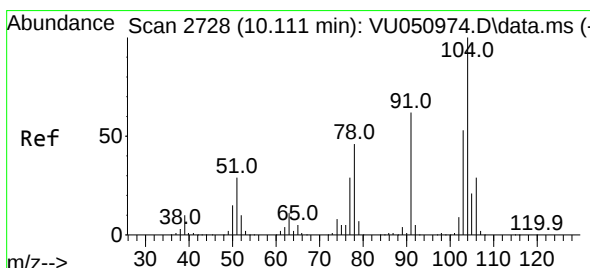
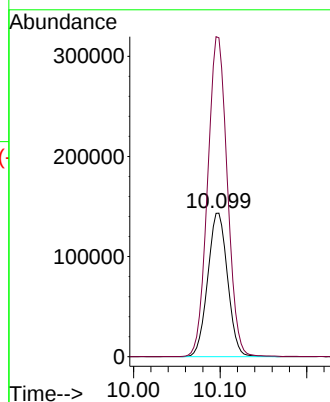
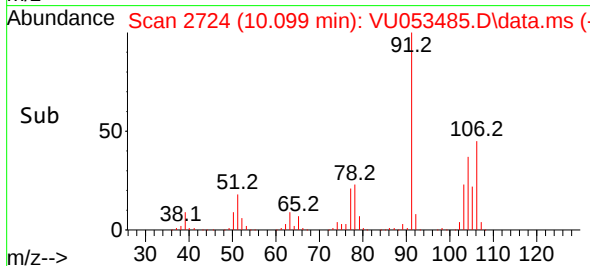
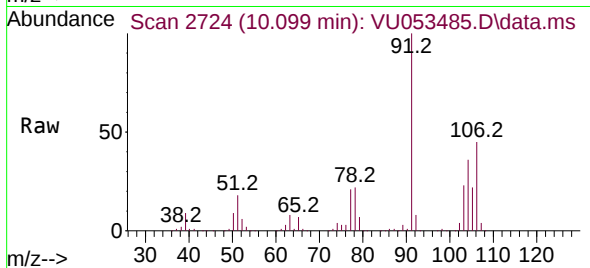
#65
o-Xylene
Concen: 10.159 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tgt Ion:106 Resp: 22800
Ion Ratio Lower Upper
106 100
91 221.5 109.3 327.9

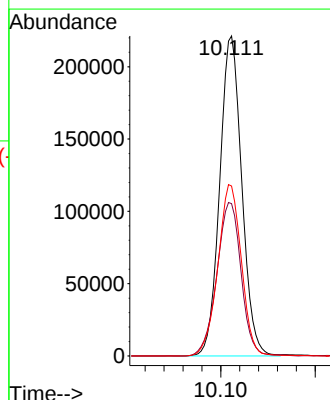
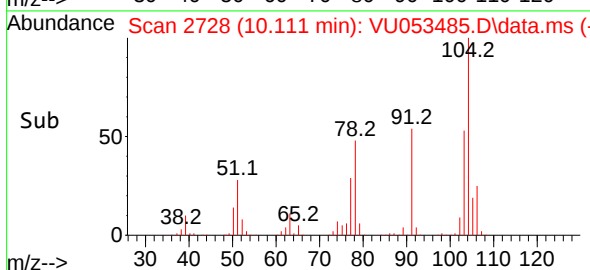
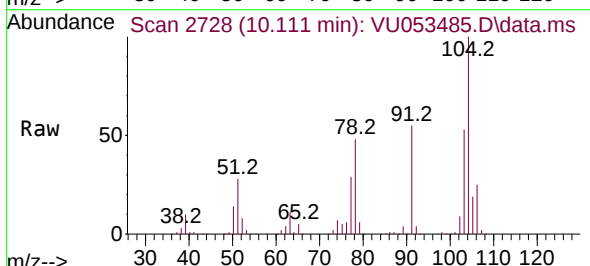
Manual Integrations
APPROVED

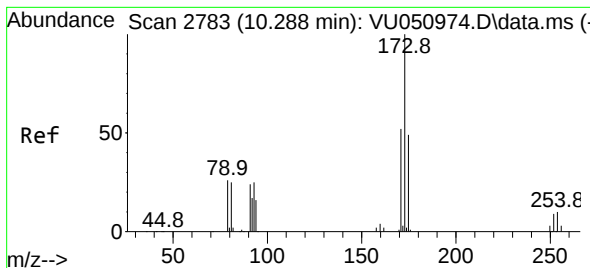
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#66
Styrene
Concen: 10.399 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

Tgt Ion:104 Resp: 358835
Ion Ratio Lower Upper
104 100
78 52.5 39.7 59.5
103 57.1 44.8 67.2





#67

Bromoform

Concen: 8.691 ug/l

RT: 10.288 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU053485.D

Acq: 30 Mar 2023 15:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 43540

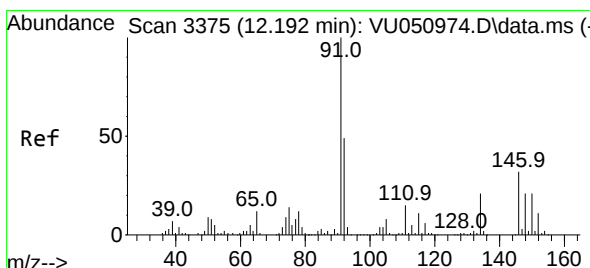
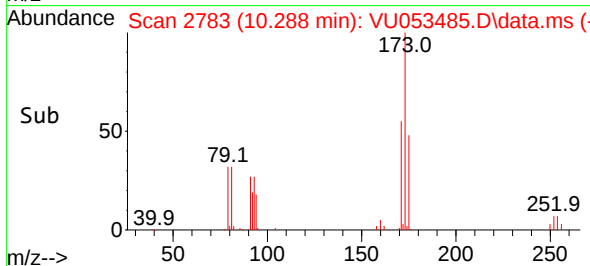
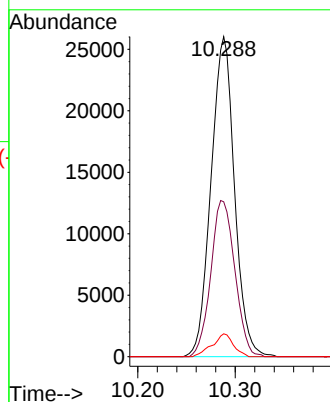
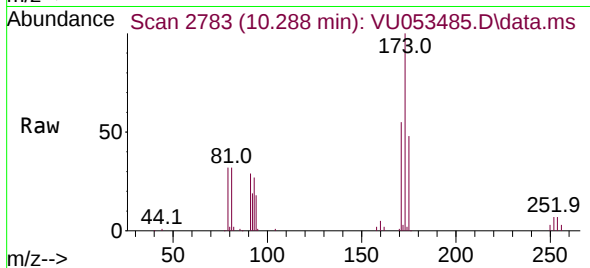
Ion	Ratio	Lower	Upper
173	100		
175	50.0	39.0	58.6
254	6.4	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#68

1,2-Dichlorobenzene-d4

Concen: 0.975 ug/l

RT: 12.188 min Scan# 3374

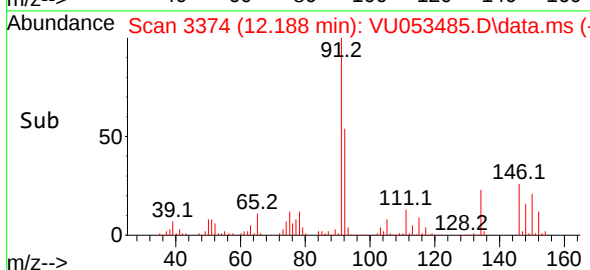
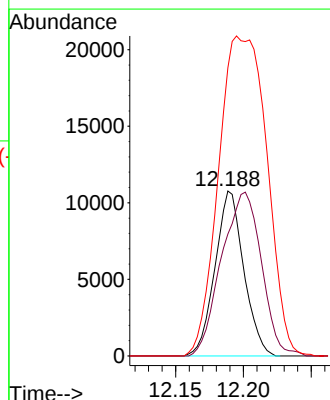
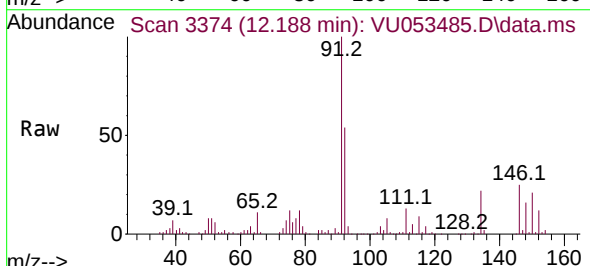
Delta R.T. -0.004 min

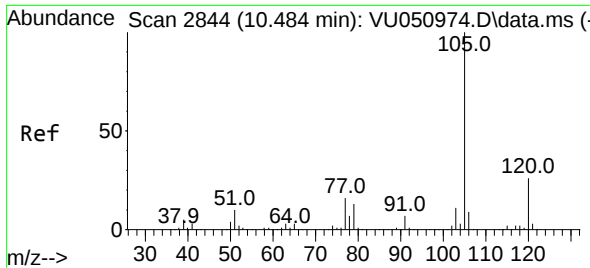
Lab File: VU053485.D

Acq: 30 Mar 2023 15:02

Tgt Ion:152 Resp: 15865

Ion	Ratio	Lower	Upper
152	100		
115	137.6	0.0	308.8
150	326.5	0.0	635.0





#69
Isopropylbenzene
Concen: 10.363 ug/l
RT: 10.481 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

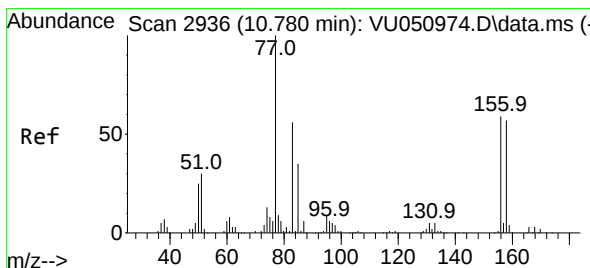
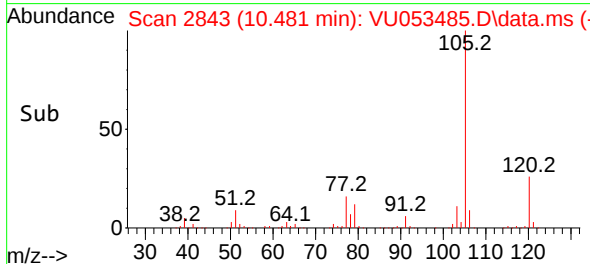
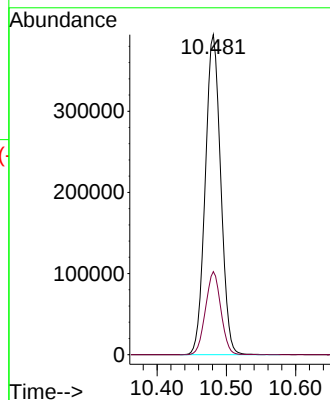
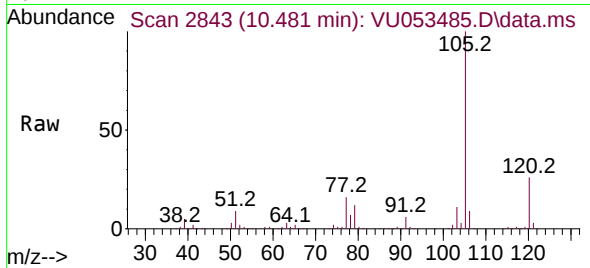
Tgt Ion:105 Resp: 60900
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4

Manual Integrations

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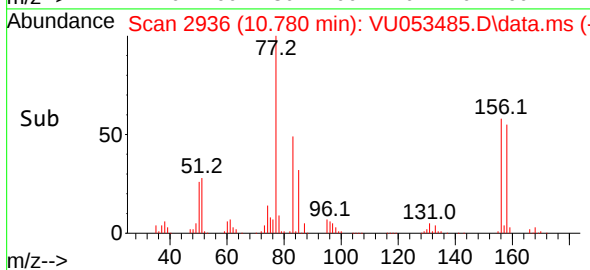
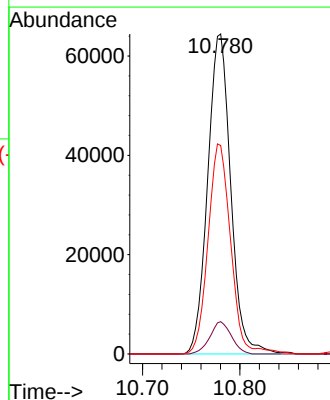
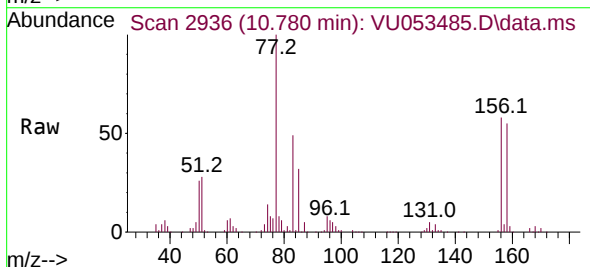
Reviewed By :Krupa Patel 04/07/2023

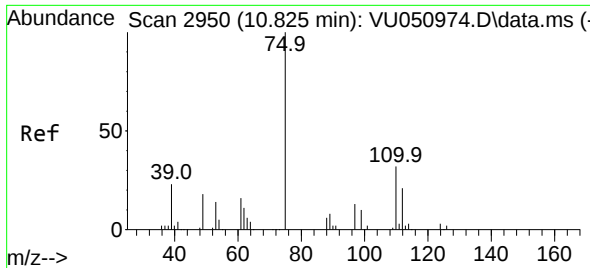
Supervised By :Mahesh Dadoda 04/07/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 9.804 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

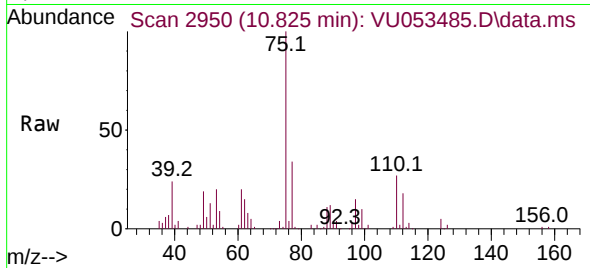
Tgt Ion: 83 Resp: 105892
Ion Ratio Lower Upper
83 100
131 9.4 7.2 10.8
85 64.5 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 10.613 ug/l m
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

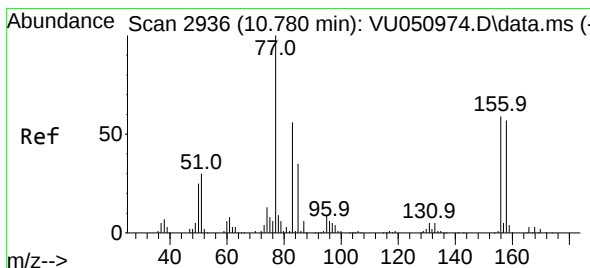
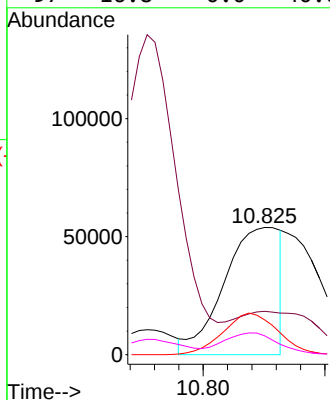
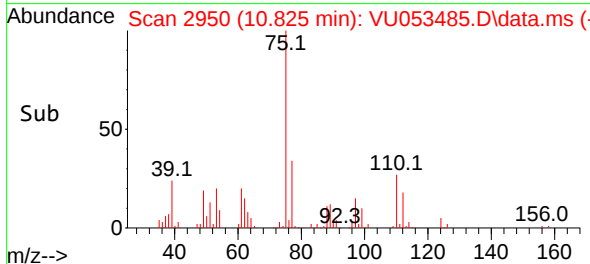
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 75	Resp: 86552
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 116.4
110 32.0	0.0 74.6
97 16.8	0.0 40.0

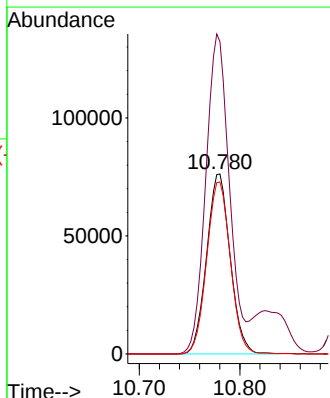
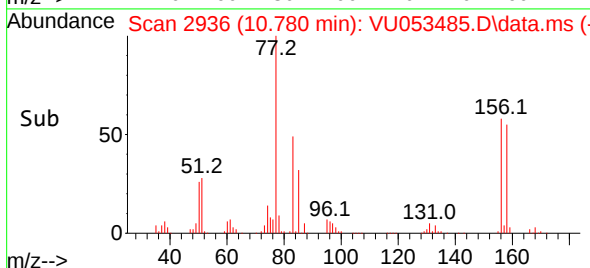
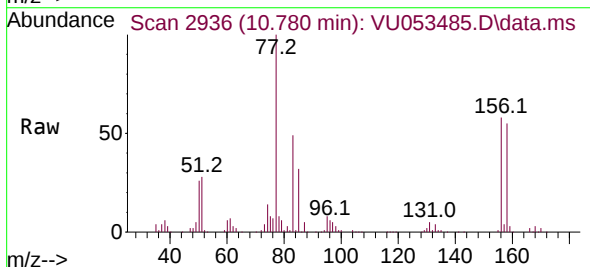
Manual Integrations
APPROVED

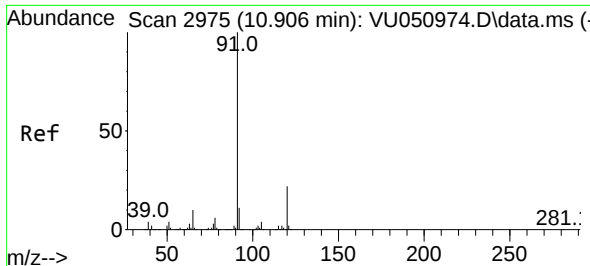
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#72
Bromobenzene
Concen: 10.071 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

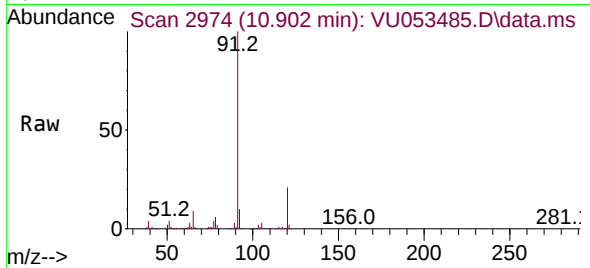
Tgt Ion:156	Resp: 123984
Ion Ratio	Lower Upper
156 100	
77 177.2	0.0 343.0
158 95.9	0.0 194.8





#73
n-propylbenzene
Concen: 10.729 ug/l
RT: 10.902 min Scan# 2975
Delta R.T. -0.004 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

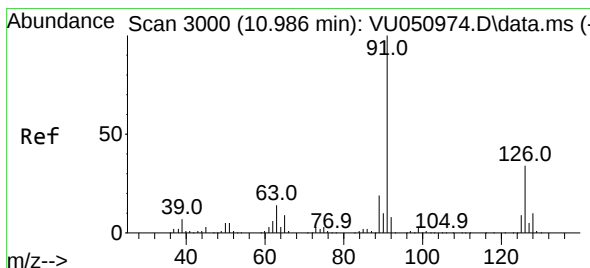
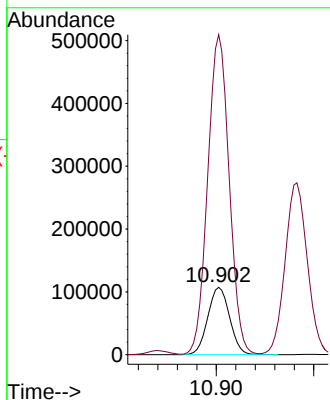
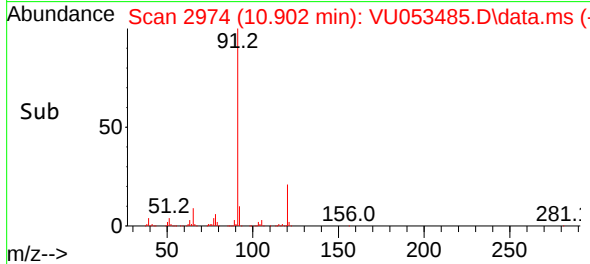
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:120 Resp: 166560
Ion Ratio Lower Upper
120 100
91 466.8 369.8 554.6

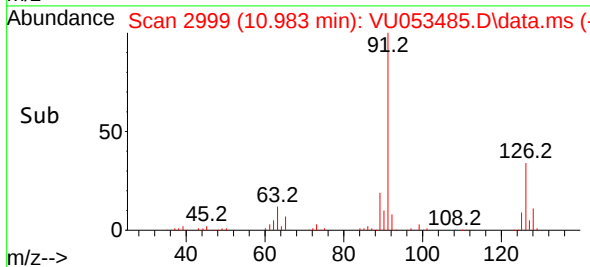
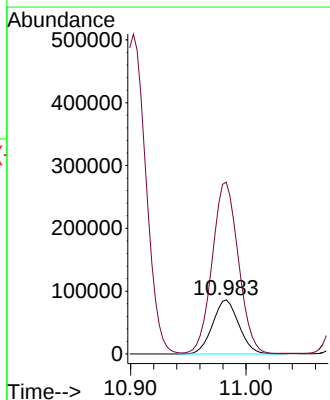
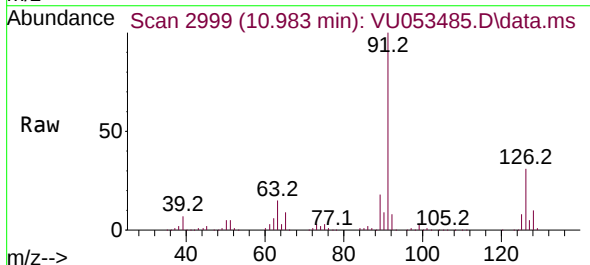
Manual Integrations
APPROVED

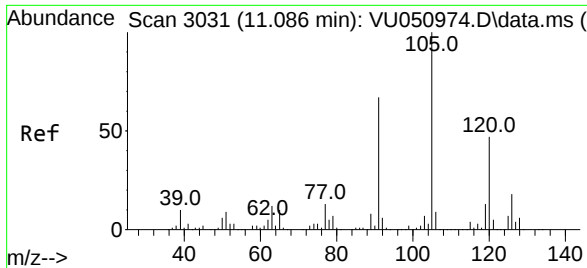
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#74
2-Chlorotoluene
Concen: 10.104 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

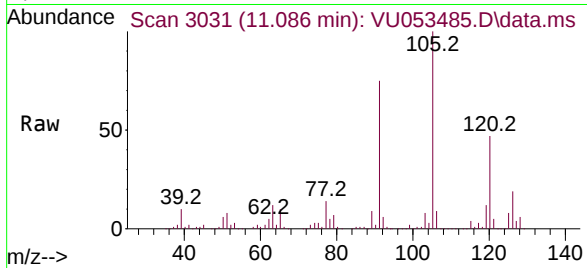
Tgt Ion:126 Resp: 135615
Ion Ratio Lower Upper
126 100
91 317.0 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 10.626 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

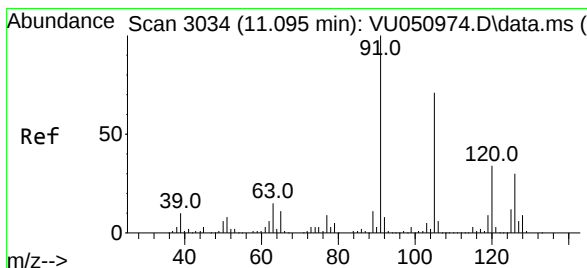
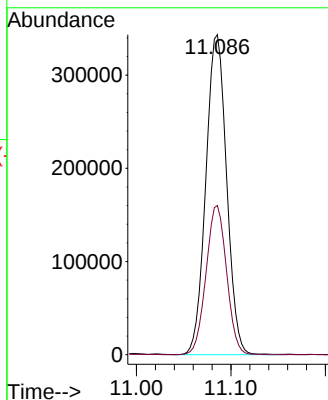
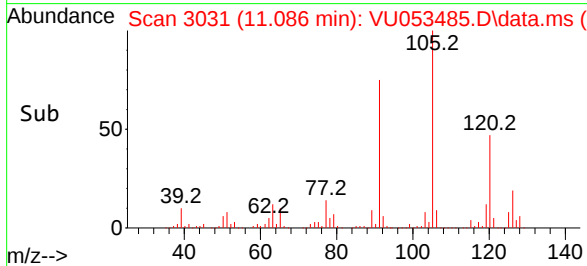
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



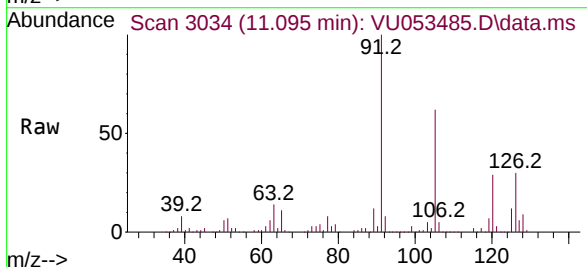
Tgt Ion:105 Resp: 52438
Ion Ratio Lower Upper
105 100
120 46.1 37.8 56.8

Manual Integrations
APPROVED

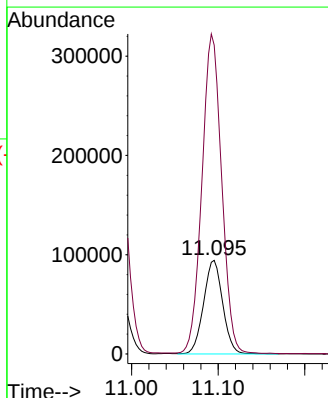
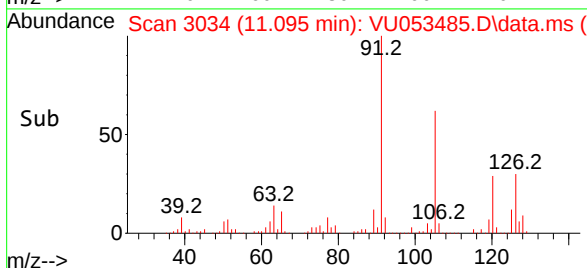
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

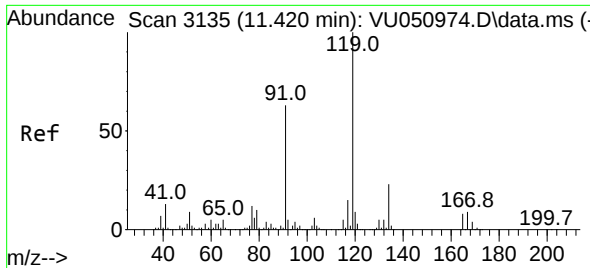


#76
4-Chlorotoluene
Concen: 10.384 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02



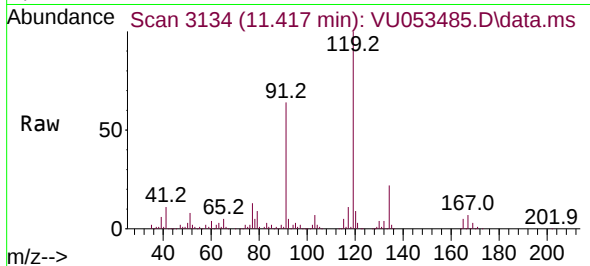
Tgt Ion:126 Resp: 144728
Ion Ratio Lower Upper
126 100
91 351.1 0.0 686.2





#77
tert-Butylbenzene
Concen: 10.418 ug/l
RT: 11.417 min Scan# 3135
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

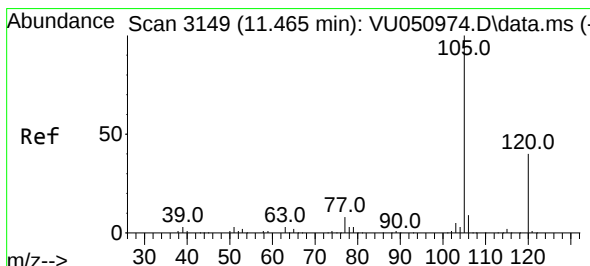
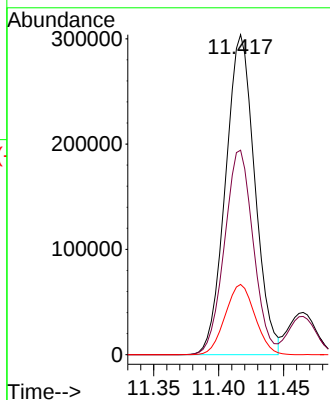
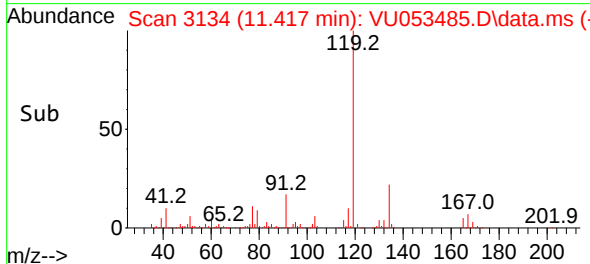
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



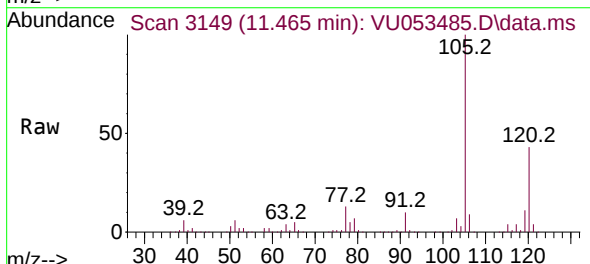
Tgt Ion:119 Resp: 47653
Ion Ratio Lower Upper
119 100
91 63.2 30.8 92.4
134 22.3 18.0 27.0

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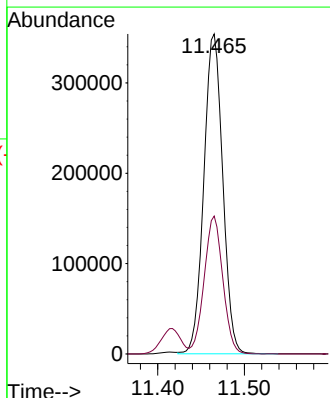
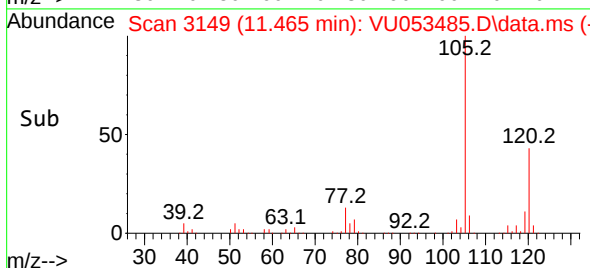
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

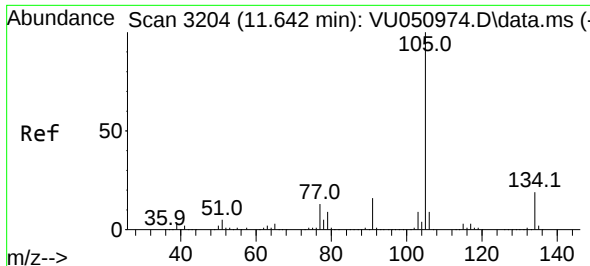


#78
1,2,4-Trimethylbenzene
Concen: 10.670 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02



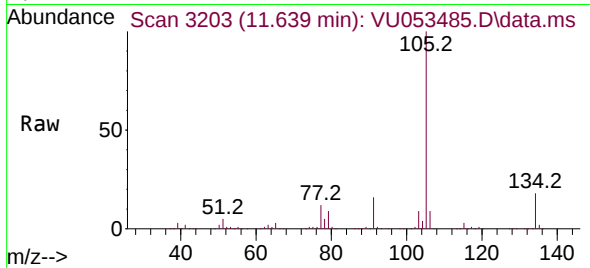
Tgt Ion:105 Resp: 536238
Ion Ratio Lower Upper
105 100
120 42.6 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 10.660 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU053485.D
 Acq: 30 Mar 2023 15:02

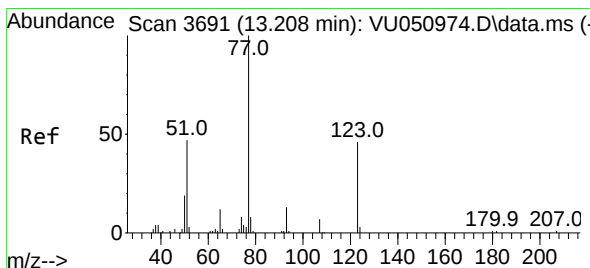
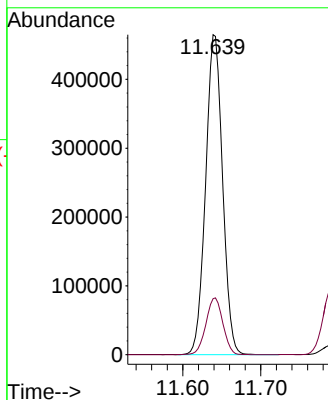
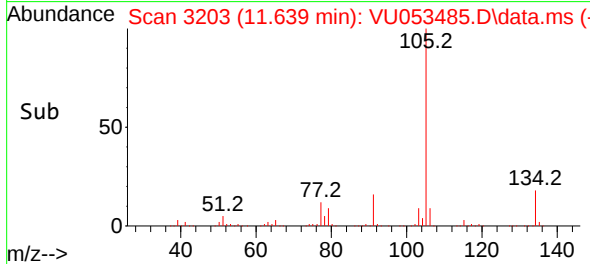
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC



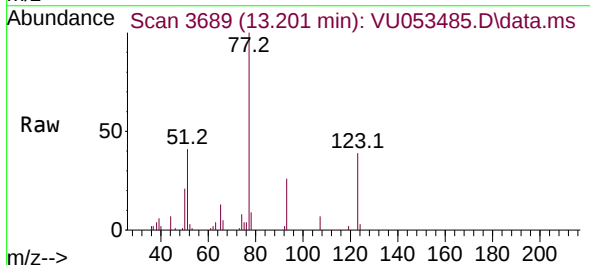
Tgt Ion:105 Resp: 702295
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.9 22.3

Manual Integrations
 APPROVED

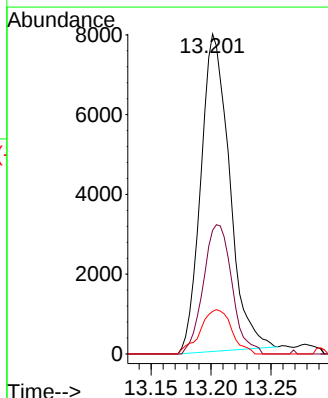
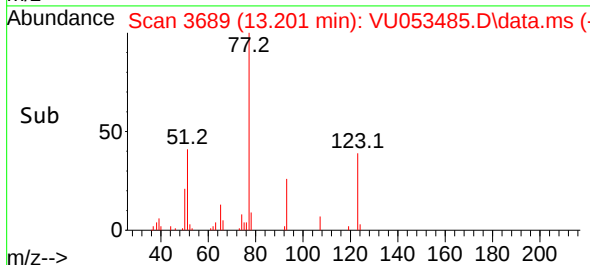
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023

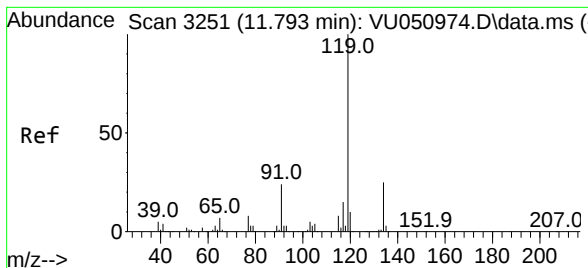


#80
 Nitrobenzene
 Concen: 48.767 ug/l
 RT: 13.201 min Scan# 3689
 Delta R.T. -0.007 min
 Lab File: VU053485.D
 Acq: 30 Mar 2023 15:02



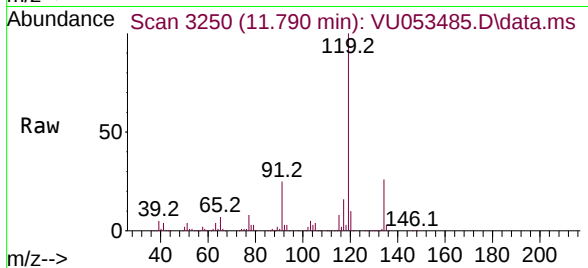
Tgt Ion: 77 Resp: 13233
 Ion Ratio Lower Upper
 77 100
 123 40.6 19.7 69.7
 65 15.3 11.5 14.7#





#81
p-Isopropyltoluene
Concen: 10.774 ug/l
RT: 11.790 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

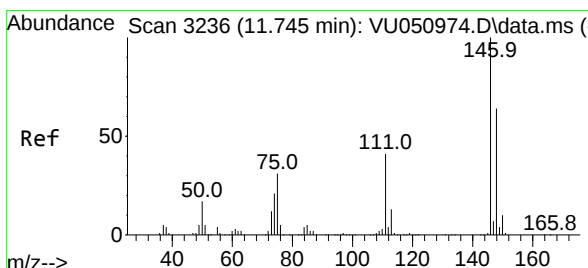
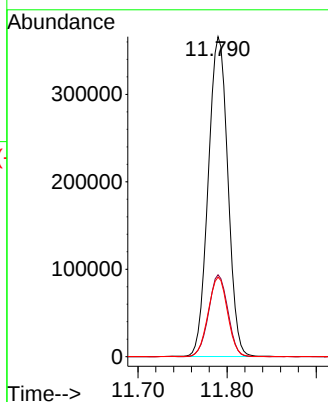
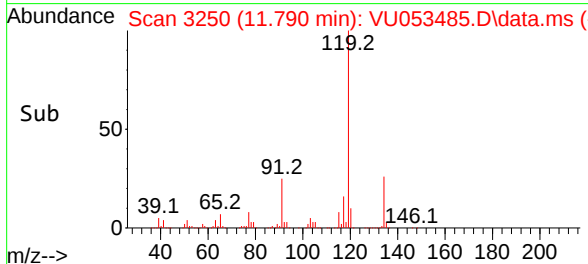
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



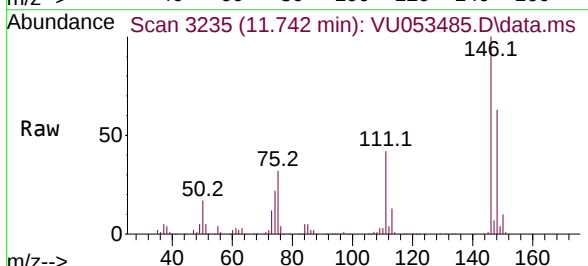
Tgt Ion:119 Resp: 55757
Ion Ratio Lower Upper
119 100
134 25.2 20.2 30.4
91 24.7 19.3 28.9

Manual Integrations
APPROVED

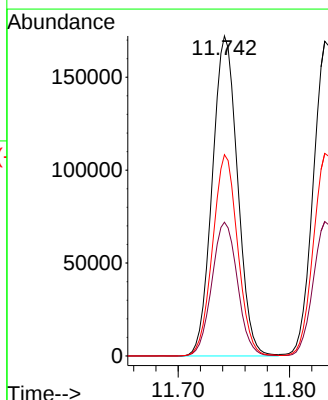
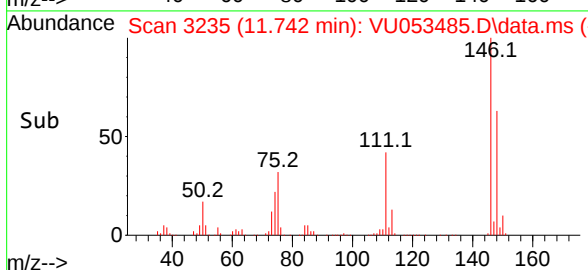
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

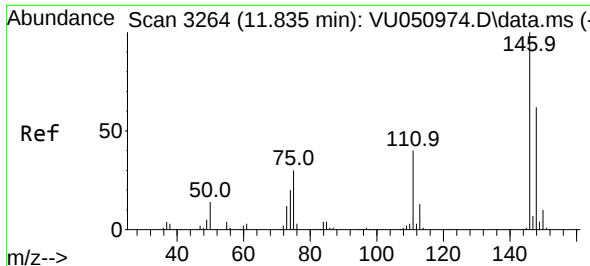


#82
1,3-Dichlorobenzene
Concen: 10.346 ug/l
RT: 11.742 min Scan# 3235
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02



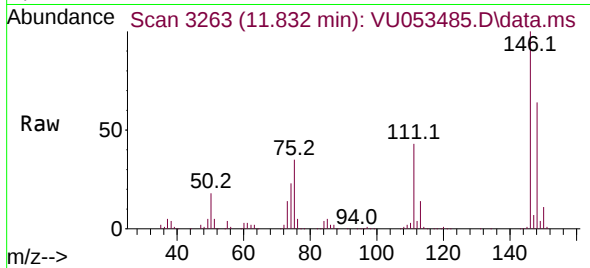
Tgt Ion:146 Resp: 271464
Ion Ratio Lower Upper
146 100
111 42.4 32.6 49.0
148 62.4 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 9.954 ug/l
RT: 11.832 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

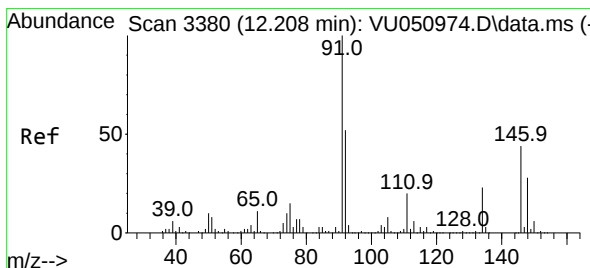
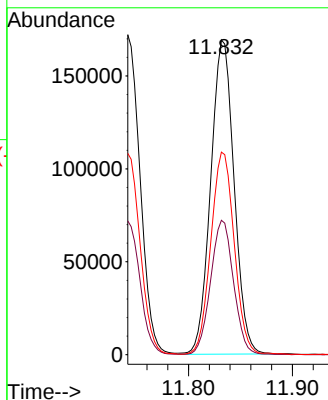
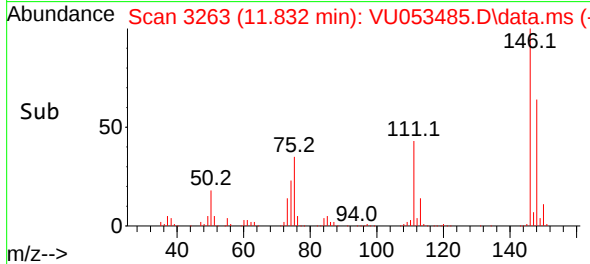
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



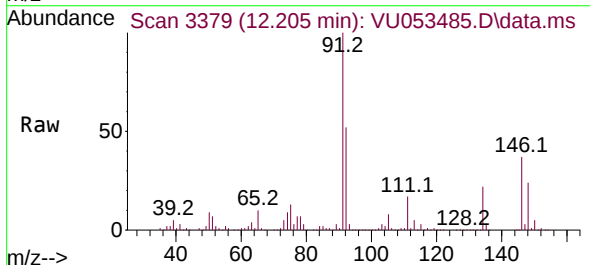
Tgt Ion:146 Resp: 264289
Ion Ratio Lower Upper
146 100
111 42.0 31.6 47.4
148 64.9 50.3 75.5

Manual Integrations
APPROVED

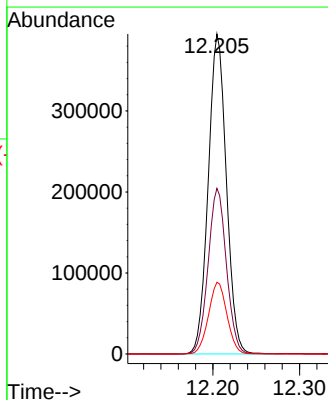
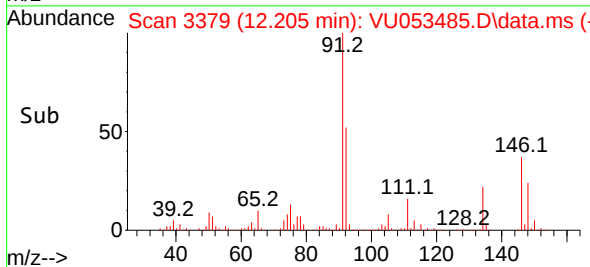
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

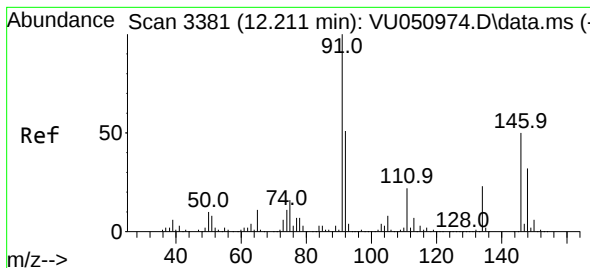


#84
n-Butylbenzene
Concen: 11.233 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.003 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02



Tgt Ion: 91 Resp: 574338
Ion Ratio Lower Upper
91 100
92 52.4 40.8 61.2
134 22.9 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 10.121 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU053485.D

Acq: 30 Mar 2023 15:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 251634

Ion Ratio Lower Upper

146 100

111 44.3 21.6 64.6

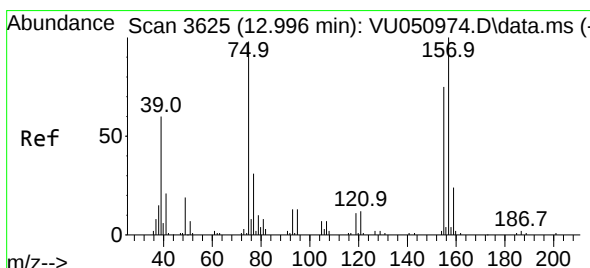
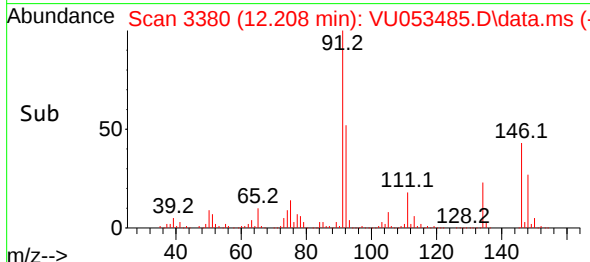
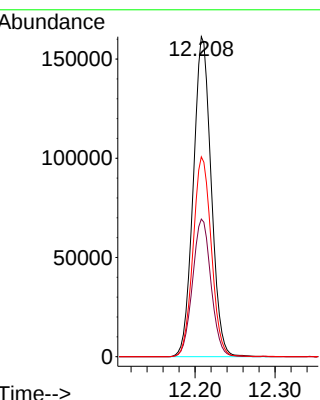
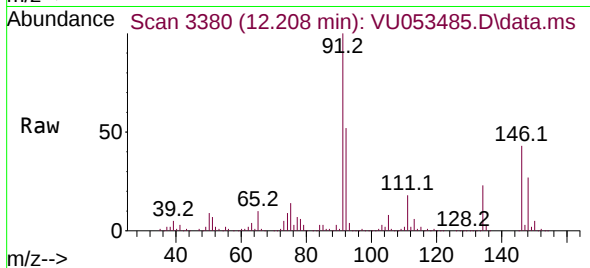
148 63.5 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#86

1,2-Dibromo-3-Chloropropane

Concen: 10.171 ug/l

RT: 12.992 min Scan# 3624

Delta R.T. -0.004 min

Lab File: VU053485.D

Acq: 30 Mar 2023 15:02

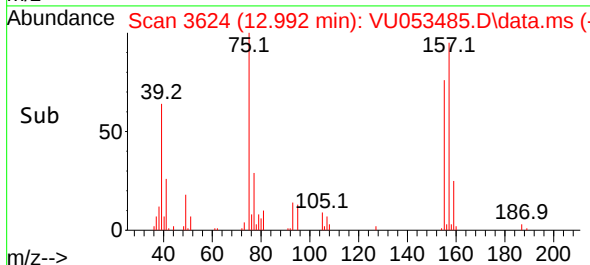
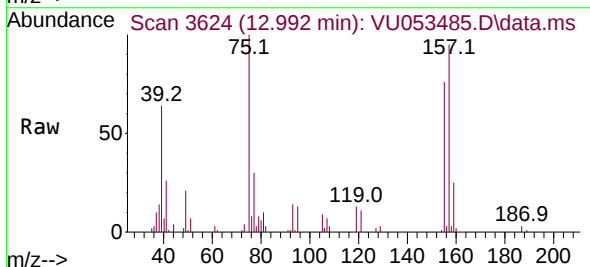
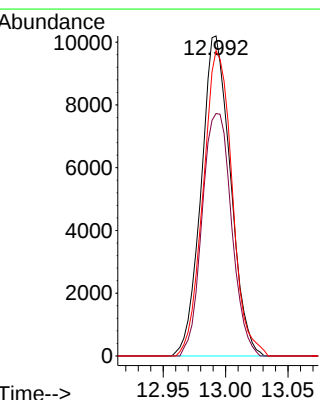
Tgt Ion: 75 Resp: 16683

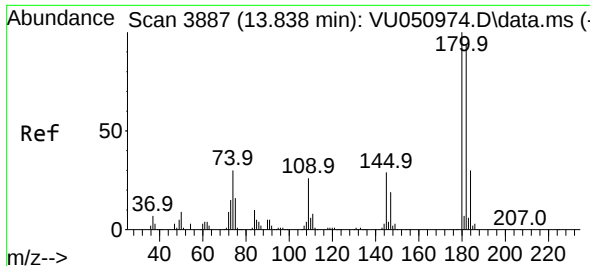
Ion Ratio Lower Upper

75 100

155 76.2 61.8 92.8

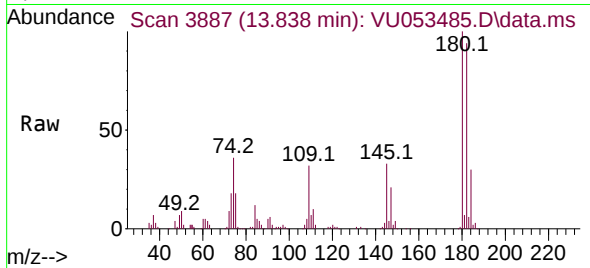
157 94.1 80.2 120.4





#87
1,2,4-Trichlorobenzene
Concen: 10.834 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. -0.000 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

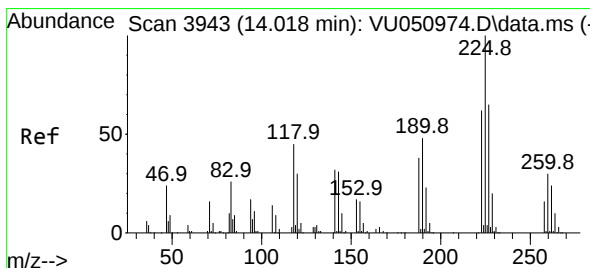
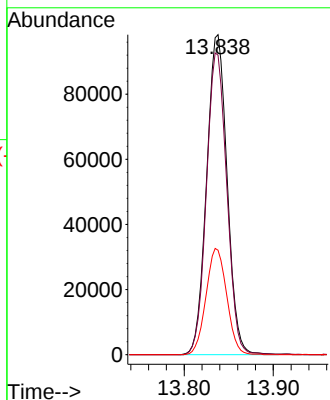
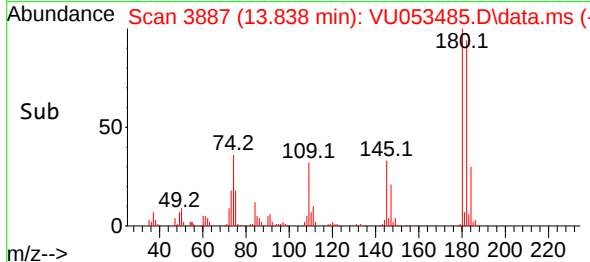
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 157119
Ion Ratio Lower Upper
180 100
182 93.5 75.8 113.6
145 33.5 23.9 35.9

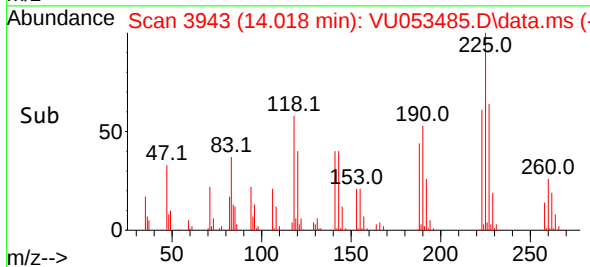
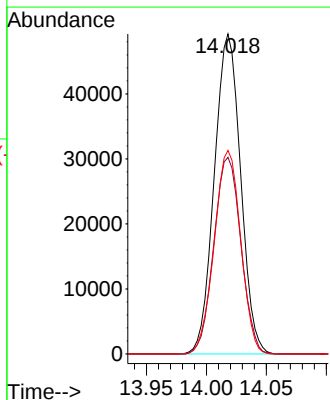
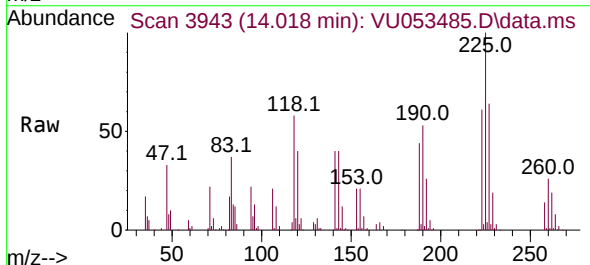
Manual Integrations
APPROVED

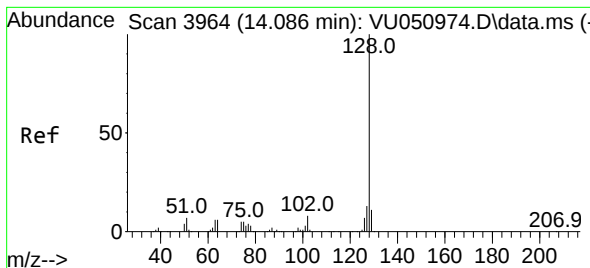
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#88
Hexachlorobutadiene
Concen: 10.819 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

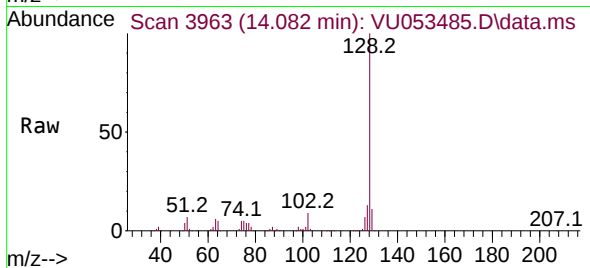
Tgt Ion:225 Resp: 75039
Ion Ratio Lower Upper
225 100
223 63.2 50.2 75.4
227 63.7 51.5 77.3





#89
Naphthalene
Concen: 10.463 ug/l
RT: 14.082 min Scan# 3964
Delta R.T. -0.004 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

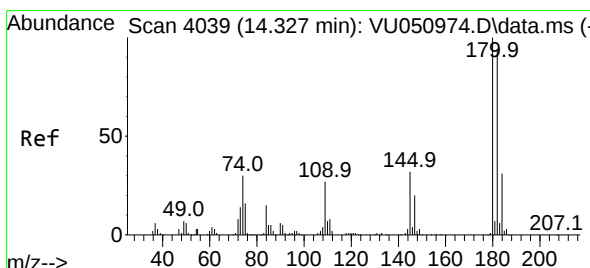
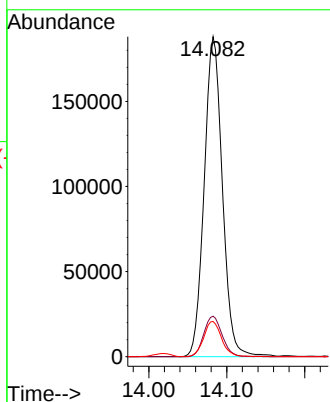
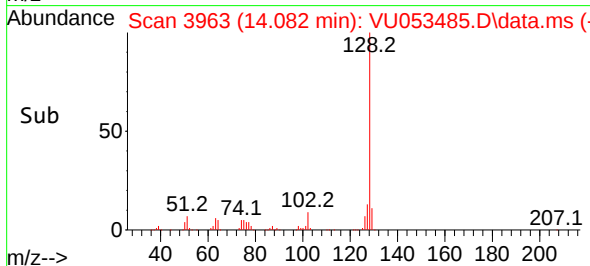
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC



Tgt Ion:128 Resp: 305294
Ion Ratio Lower Upper
128 100
127 12.7 10.9 16.3
129 10.9 8.6 12.8

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 10.866 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU053485.D
Acq: 30 Mar 2023 15:02

Tgt Ion:180 Resp: 135763
Ion Ratio Lower Upper
180 100
182 97.8 75.7 113.5
145 36.4 26.1 39.1

