

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
 Data File : VU053781.D
 Acq On : 19 Apr 2023 14:03
 Operator : JC/MD
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023

Quant Time: Apr 20 08:39:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Apr 20 08:39:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.108	96	29567	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	10499	0.905	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	12227	0.887	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	4512	0.503	ug/l	95
3) Chloromethane	1.523	50	4488	0.556	ug/l	95
4) Vinyl Chloride	1.604	62	4829	0.517	ug/l	90
5) Bromomethane	1.854	94	4593	0.654	ug/l	85
6) Chloroethane	1.932	64	3199	0.535	ug/l	# 80
7) Trichlorofluoromethane	2.137	101	8168	0.521	ug/l	93
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	5288	0.518	ug/l	93
9) 1,1-Dichloroethene	2.578	96	4524	0.542	ug/l	79
11) Allyl Chloride	2.919	41	5589	0.563	ug/l	92
12) Acrylonitrile	3.317	53	2115	1.013	ug/l	# 87
13) Acetone	2.629	43	8037	2.754	ug/l	88
14) Carbon Disulfide	2.790	76	7624	0.556	ug/l	97
15) Methylene Chloride	3.044	84	8169	0.667	ug/l	# 85
16) trans-1,2-Dichloroethene	3.346	96	4972	0.550	ug/l	86
17) 1,1-Dichloroethane	3.861	63	9678	0.519	ug/l	95
18) 2-Butanone	4.716	43	10851	2.869	ug/l	99
19) Cyclohexane	5.375	56	6786m	0.526	ug/l	
20) Methylcyclohexane	6.755	83	5782	0.500	ug/l	89
21) 2,2-Dichloropropane	4.658	77	9428	0.557	ug/l	91
22) cis-1,2-Dichloroethene	4.661	96	6028	0.533	ug/l	100
23) Diethyl Ether	2.375	59	3304	0.536	ug/l	91
25) Methyl tert-Butyl Ether	3.369	73	11582	0.497	ug/l	96
26) Bromochloromethane	4.970	128	2988	0.598	ug/l	# 72
27) Chloroform	5.083	83	10234	0.509	ug/l	89
28) 1,1,1-Trichloroethane	5.304	97	8592	0.515	ug/l	98
29) 1,1-Dichloropropene	5.510	75	5697	0.537	ug/l	97
30) Carbon Tetrachloride	5.513	117	5997	0.502	ug/l	98
31) Isopropyl Ether	3.996	45	14239	0.528	ug/l	92
32) Ethyl-t-butyl ether	4.507	59	13913	0.510	ug/l	87
33) Tert-Amyl methyl ether	5.947	73	10198	0.512	ug/l	98
34) Propionitrile	4.784	54	2500	2.956	ug/l	# 15
35) Benzene	5.771	78	16702	0.511	ug/l	98
36) 1,2-Dichloroethane	5.790	62	5456	0.531	ug/l	97
37) Trichloroethene	6.536	130	4784	0.515	ug/l	92
38) 1,2-Dichloropropane	6.790	63	4534	0.487	ug/l	100
39) Methacrylonitrile	4.983	41	2167	0.642	ug/l	# 87
40) Methyl acrylate	4.848	55	3422	0.614	ug/l	# 93
41) Tetrahydrofuran	5.073	42	2241m	1.333	ug/l	
42) 1-Chlorobutane	5.446	56	7707	0.532	ug/l	99
43) Dibromomethane	6.919	93	2401	0.509	ug/l	95
44) Bromodichloromethane	7.105	83	6140	0.516	ug/l	# 85
45) 4-Methyl-2-Pentanone	7.800	43	11781	2.454	ug/l	97
46) t-1,4-Dichloro-2-butene	10.835	75	1674m	0.840	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
 Data File : VU053781.D
 Acq On : 19 Apr 2023 14:03
 Operator : JC/MD
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

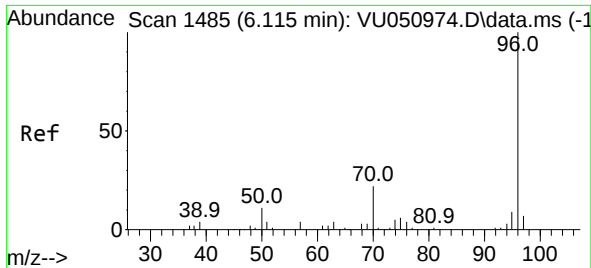
Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023

Quant Time: Apr 20 08:39:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Apr 20 08:39:07 2023
 Response via : Initial Calibration

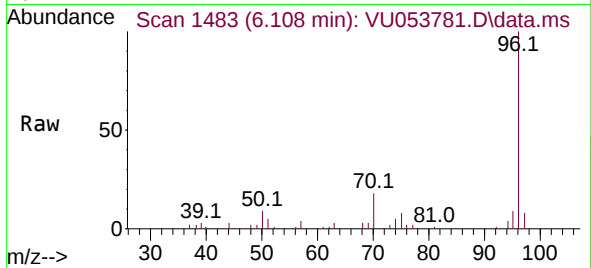
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.967	69	4118	0.993	ug/l	86
48) Ethyl methacrylate	8.336	69	3790	0.466	ug/l	85
49) Toluene	7.967	92	10134	0.492	ug/l	95
50) t-1,3-Dichloropropene	8.208	75	5081	0.475	ug/l	92
51) cis-1,3-Dichloropropene	7.607	75	6186	0.485	ug/l	91
52) 1,1,2-Trichloroethane	8.401	97	3937	0.526	ug/l	88
53) 1,3-Dichloropropane	8.574	76	5537	0.472	ug/l	93
54) 2-Hexanone	8.690	43	11305	2.511	ug/l	99
55) Dibromochloromethane	8.809	129	3727	0.473	ug/l	97
56) 1,2-Dibromoethane	8.922	107	3083	0.477	ug/l	90
58) Tetrachloroethene	8.552	164	4532	0.505	ug/l	95
59) Chlorobenzene	9.446	112	12728	0.497	ug/l	92
60) 1,1,1,2-Tetrachloroethane	9.529	131	4377	0.474	ug/l	97
61) Pentachloroethane	11.426	117	3404	0.478	ug/l	100
62) Hexachloroethane	12.471	117	3092	0.444	ug/l	98
63) Ethyl Benzene	9.568	91	18659	0.461	ug/l	99
64) m/p-Xylenes	9.693	106	14373	0.901	ug/l	96
65) o-Xylene	10.095	106	7520	0.468	ug/l	88
66) Styrene	10.111	104	10878	0.426	ug/l	100
67) Bromoform	10.288	173	1757	0.429	ug/l #	85
69) Isopropylbenzene	10.484	105	18153	0.432	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.780	83	5156	0.535	ug/l	91
71) 1,2,3-Trichloropropane	10.822	75	3477m	0.500	ug/l	
72) Bromobenzene	10.780	156	5247	0.487	ug/l	92
73) n-propylbenzene	10.902	120	4505	0.386	ug/l	81
74) 2-Chlorotoluene	10.983	126	5124	0.465	ug/l	96
75) 1,3,5-Trimethylbenzene	11.086	105	15362	0.419	ug/l	96
76) 4-Chlorotoluene	11.098	126	4961	0.442	ug/l	93
77) tert-Butylbenzene	11.417	119	16605	0.450	ug/l	93
78) 1,2,4-Trimethylbenzene	11.465	105	15328	0.410	ug/l	100
79) sec-Butylbenzene	11.642	105	21553	0.435	ug/l	96
80) Nitrobenzene	13.204	77	858m	2.809	ug/l	
81) p-Isopropyltoluene	11.790	119	17267	0.425	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	10797	0.469	ug/l	97
83) 1,4-Dichlorobenzene	11.835	146	10782	0.466	ug/l	96
84) n-Butylbenzene	12.204	91	16427	0.666	ug/l	98
85) 1,2-Dichlorobenzene	12.211	146	10812	0.480	ug/l	94
86) 1,2-Dibromo-3-Chloropr...	12.995	75	594	0.438	ug/l #	66
87) 1,2,4-Trichlorobenzene	13.838	180	8251	0.554	ug/l	99
88) Hexachlorobutadiene	14.018	225	3952	0.497	ug/l	90
90) 1,2,3-Trichlorobenzene	14.330	180	8007	0.565	ug/l	97

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.108 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

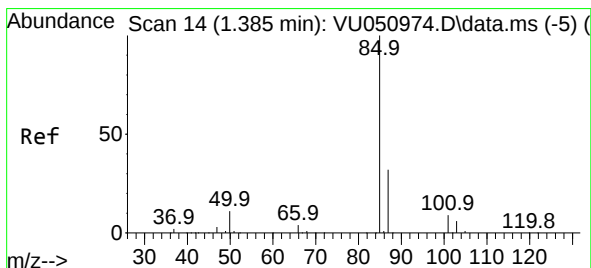
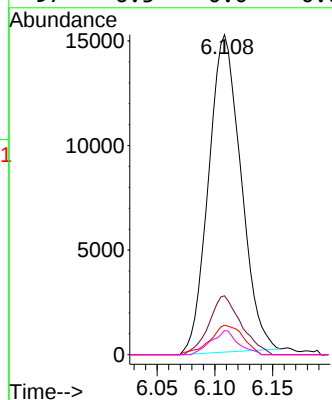
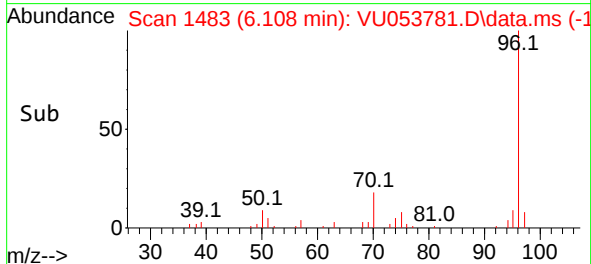
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 96	Resp: 2956
Ion Ratio	Lower Upper
96 100	
70 18.4	16.5 24.7
95 9.5	7.4 11.0
97 6.3	0.0 0.0

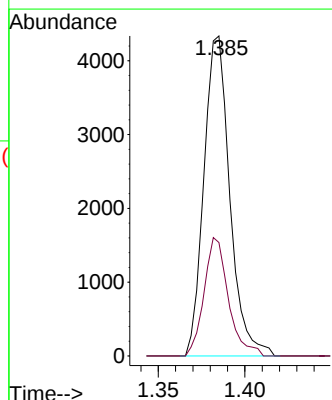
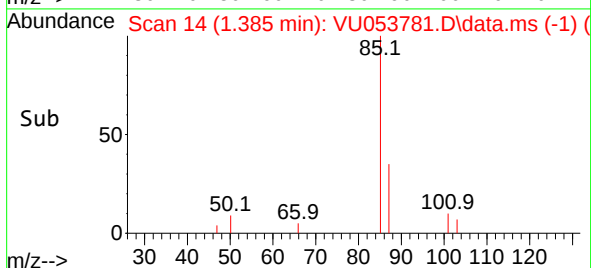
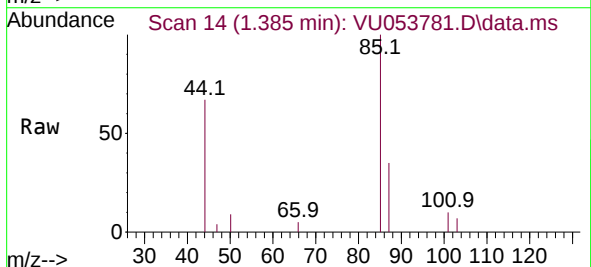
Manual Integrations
APPROVED

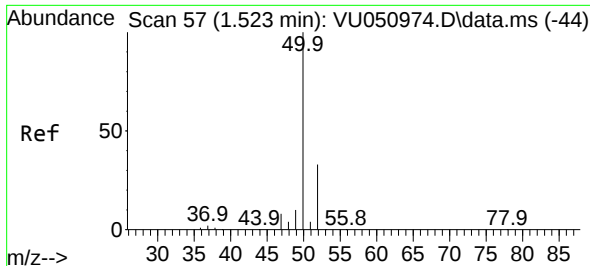
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#2
Dichlorodifluoromethane
Concen: 0.503 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

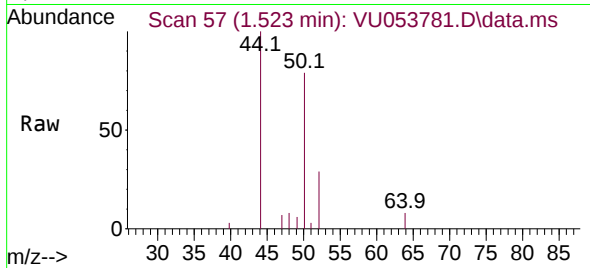
Tgt Ion: 85	Resp: 4512
Ion Ratio	Lower Upper
85 100	
87 35.5	16.2 48.6





#3
Chloromethane
Concen: 0.556 ug/l
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

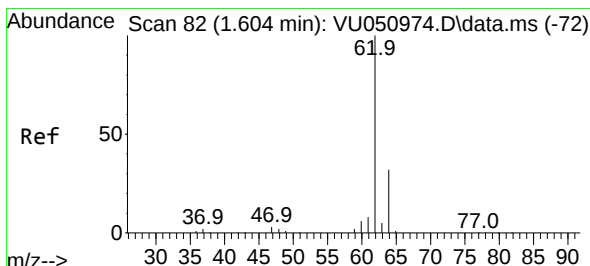
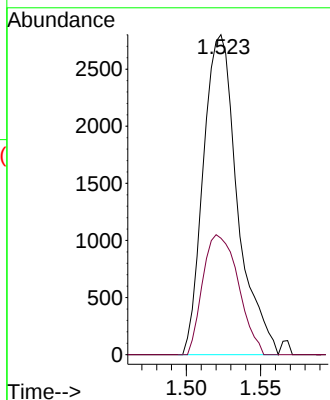
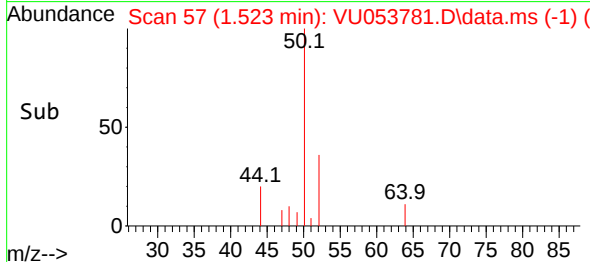
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



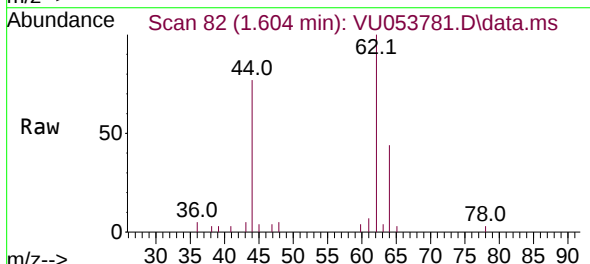
Tgt Ion: 50 Resp: 4488
Ion Ratio Lower Upper
50 100
52 36.4 26.6 40.0

Manual Integrations
APPROVED

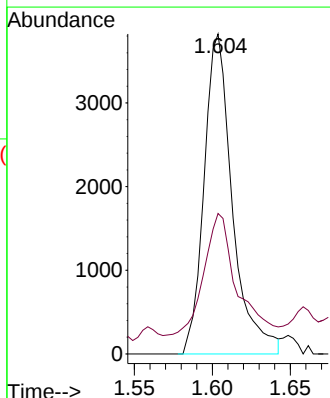
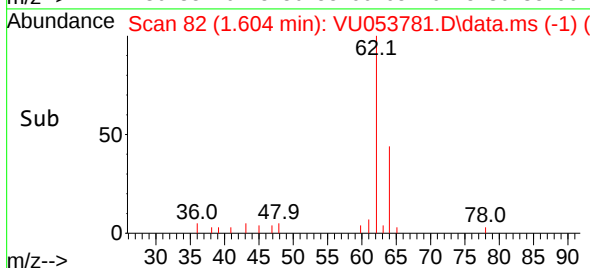
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

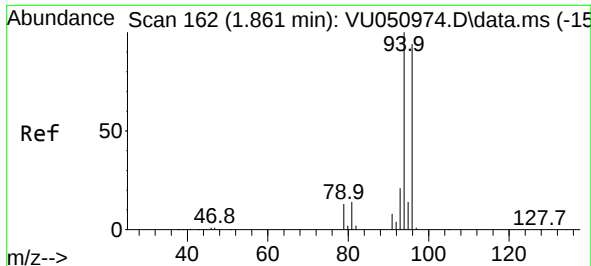


#4
Vinyl Chloride
Concen: 0.517 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03



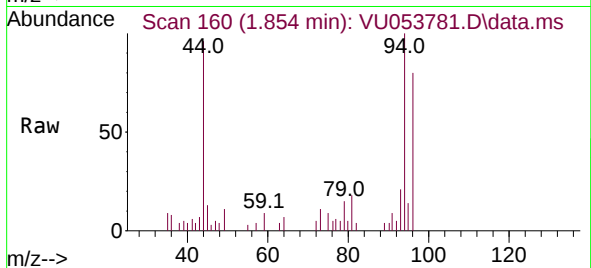
Tgt Ion: 62 Resp: 4829
Ion Ratio Lower Upper
62 100
64 37.1 25.4 38.2





#5
Bromomethane
Concen: 0.654 ug/l
RT: 1.854 min Scan# 160
Delta R.T. 0.009 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

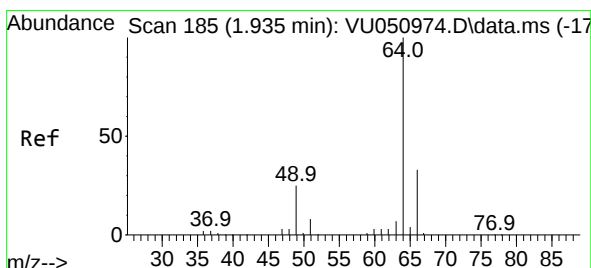
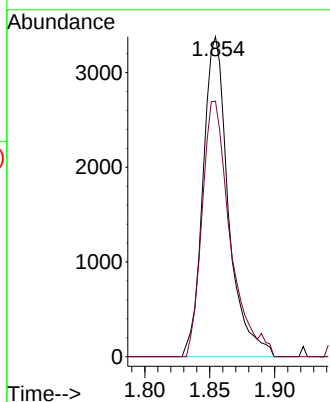
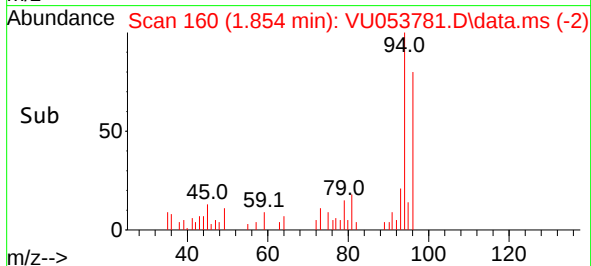
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 94 Resp: 459
Ion Ratio Lower Upper
94 100
96 79.9 75.4 113.2

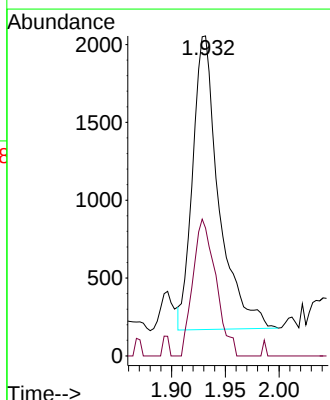
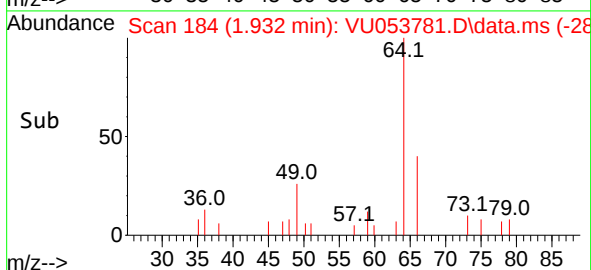
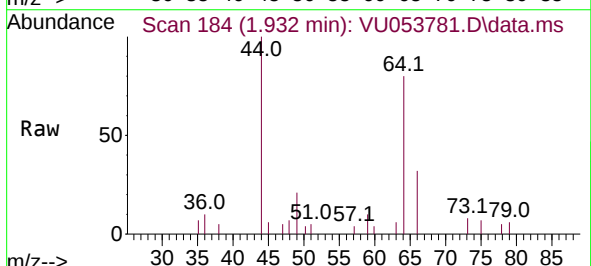
Manual Integrations
APPROVED

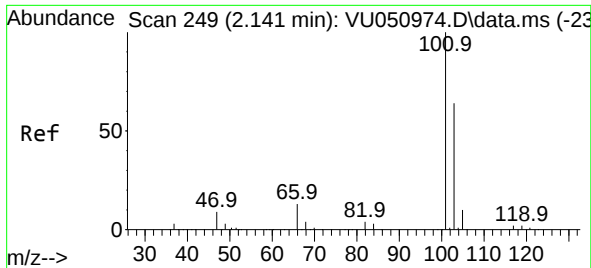
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#6
Chloroethane
Concen: 0.535 ug/l
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

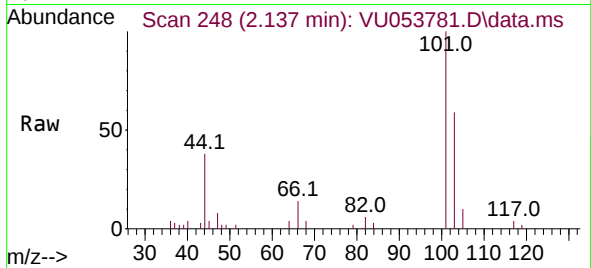
Tgt Ion: 64 Resp: 3199
Ion Ratio Lower Upper
64 100
66 43.8 26.0 39.0#





#7
Trichlorofluoromethane
Concen: 0.521 ug/l
RT: 2.137 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

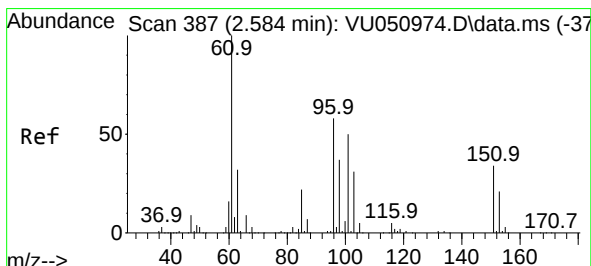
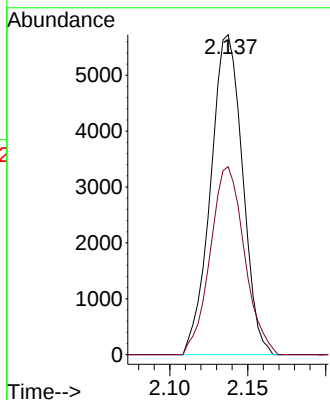
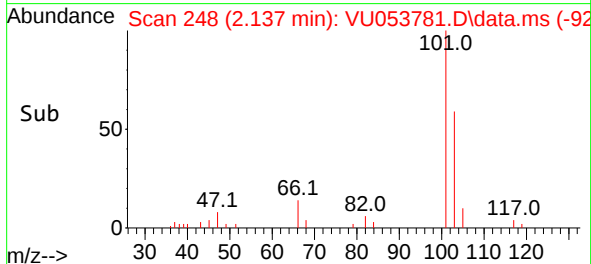
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



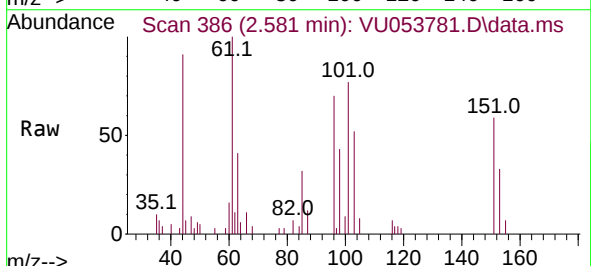
Tgt Ion:101 Resp: 816
Ion Ratio Lower Upper
101 100
103 58.7 51.4 77.0

Manual Integrations
APPROVED

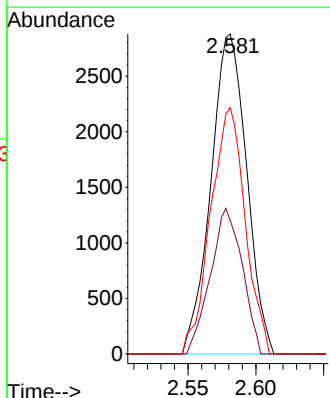
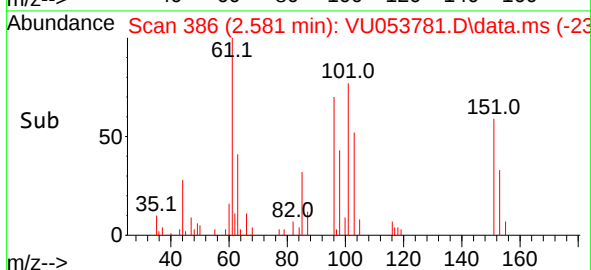
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

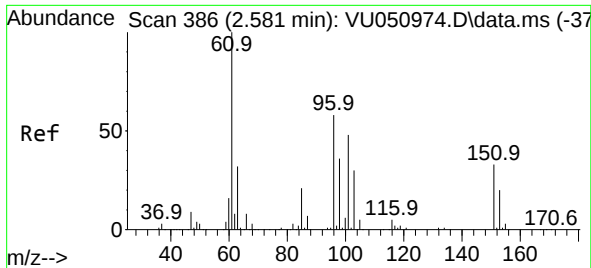


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.518 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03



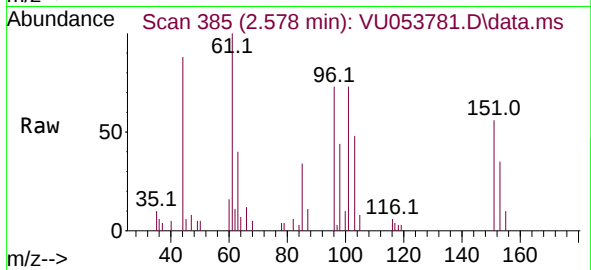
Tgt Ion:101 Resp: 5288
Ion Ratio Lower Upper
101 100
85 40.5 35.4 53.0
151 74.4 54.0 81.0





#9
1,1-Dichloroethene
Concen: 0.542 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

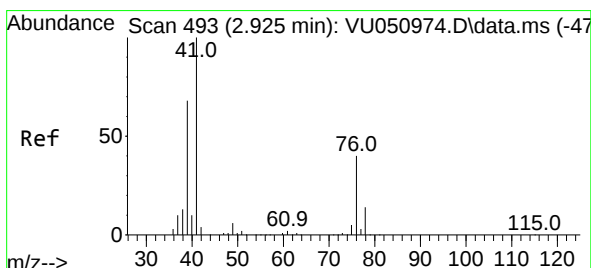
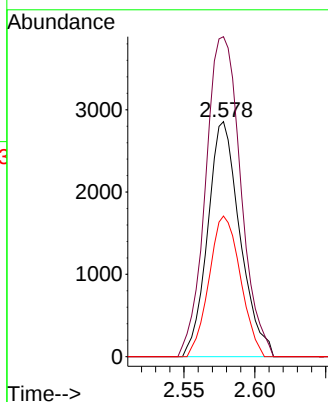
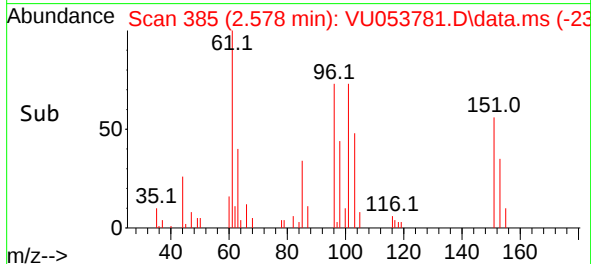
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 96 Resp: 4524
Ion Ratio Lower Upper
96 100
61 136.2 0.0 521.4
98 59.8 0.0 125.8

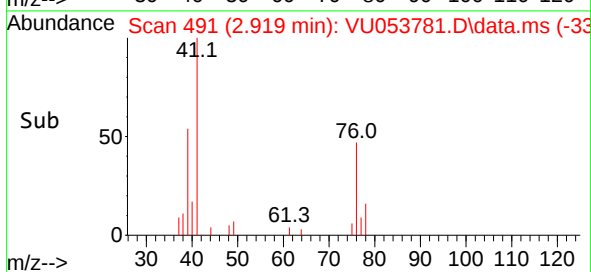
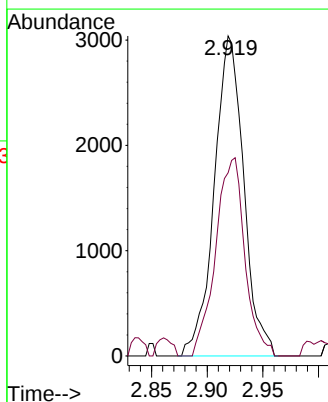
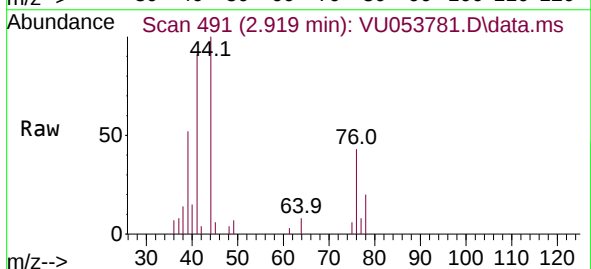
Manual Integrations
APPROVED

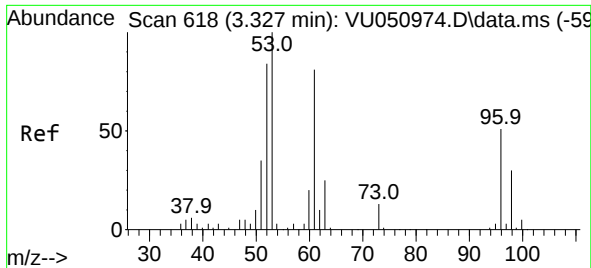
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#11
Allyl Chloride
Concen: 0.563 ug/l
RT: 2.919 min Scan# 491
Delta R.T. -0.000 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

Tgt Ion: 41 Resp: 5589
Ion Ratio Lower Upper
41 100
39 61.4 54.2 81.2





#12

Acrylonitrile

Concen: 1.013 ug/l

RT: 3.317 min Scan# 618

Delta R.T. 0.009 min

Lab File: VU053781.D

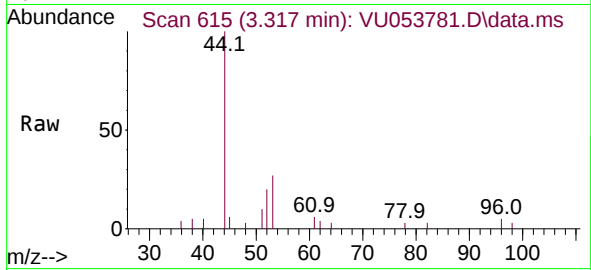
Acq: 19 Apr 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5



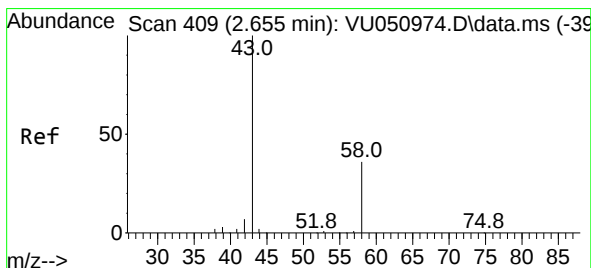
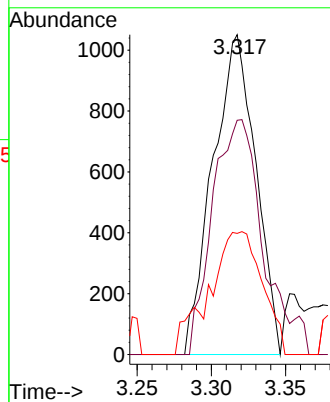
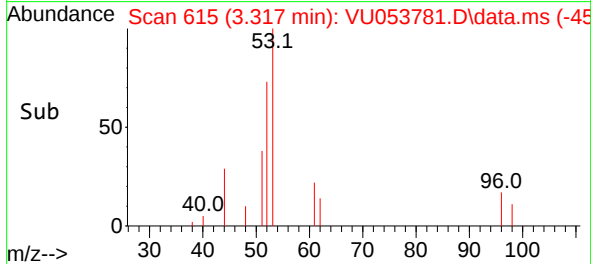
Tgt Ion:	53	Resp:	211
Ion Ratio	100	Lower	Upper
52	86.7	62.9	94.3
51	47.7	27.8	41.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#13

Acetone

Concen: 2.754 ug/l

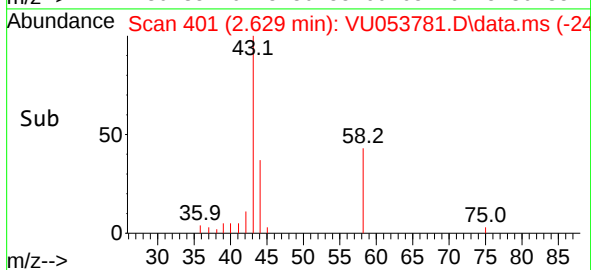
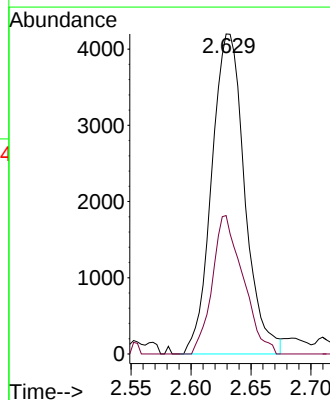
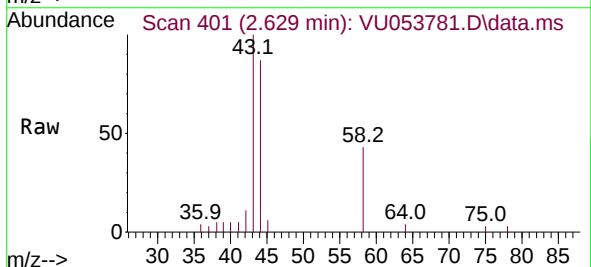
RT: 2.629 min Scan# 401

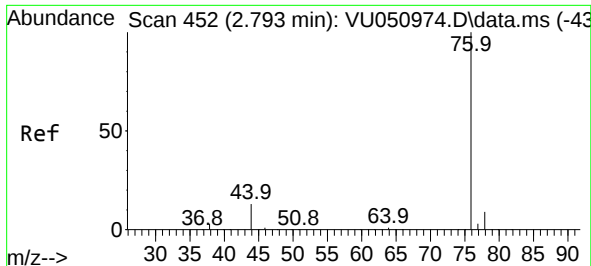
Delta R.T. 0.009 min

Lab File: VU053781.D

Acq: 19 Apr 2023 14:03

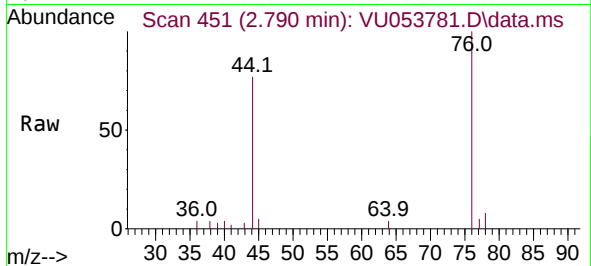
Tgt Ion:	43	Resp:	8037
Ion Ratio	100	Lower	Upper
58	43.2	29.0	43.4





#14
Carbon Disulfide
Concen: 0.556 ug/l
RT: 2.790 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

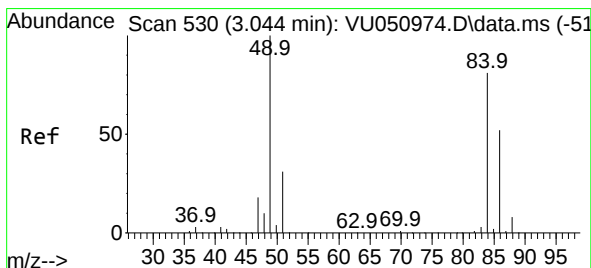
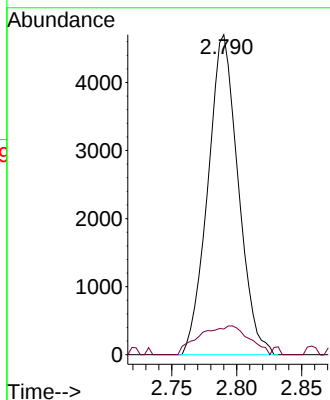
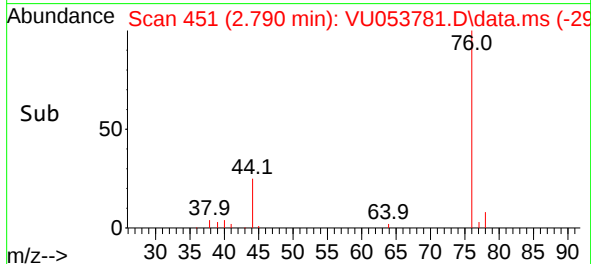
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



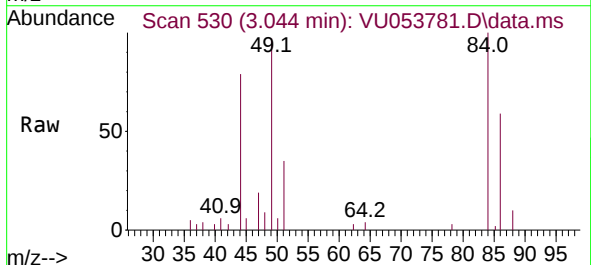
Tgt Ion: 76 Resp: 7624
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0

Manual Integrations
APPROVED

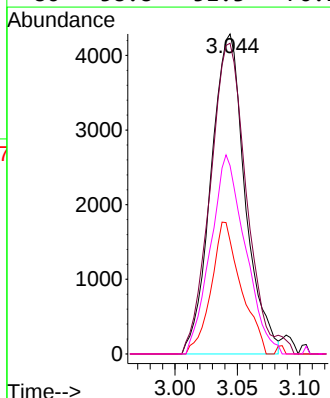
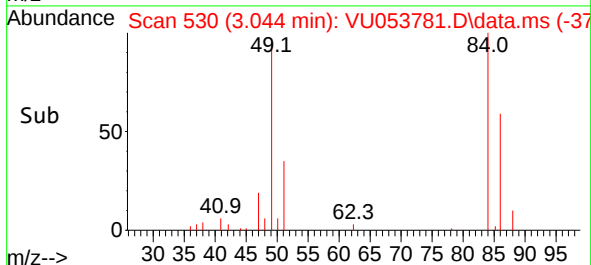
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

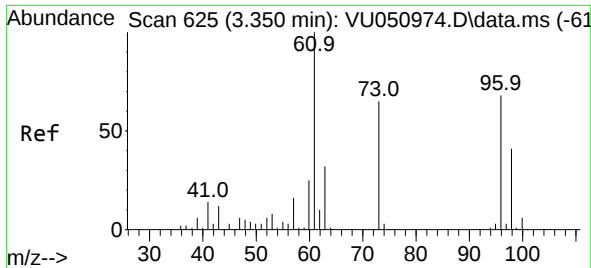


#15
Methylene Chloride
Concen: 0.667 ug/l
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03



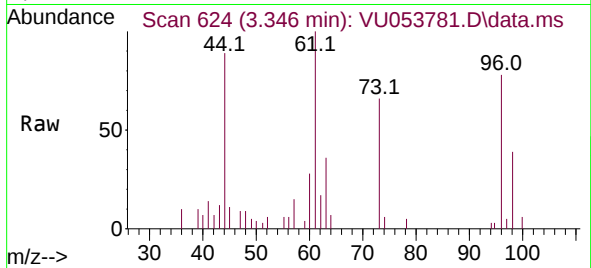
Tgt Ion: 84 Resp: 8169
Ion Ratio Lower Upper
84 100
49 97.1 98.9 148.3#
51 35.4 0.0 75.4
86 58.8 51.3 76.9





#16
trans-1,2-Dichloroethene
Concen: 0.550 ug/l
RT: 3.346 min Scan# 611
Delta R.T. -0.000 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

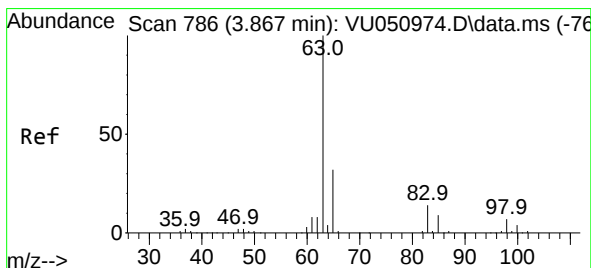
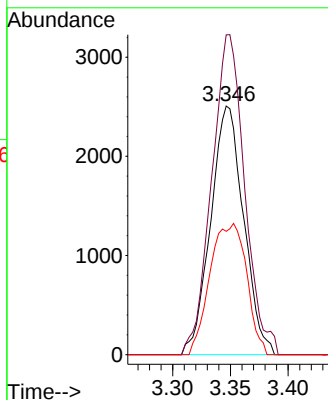
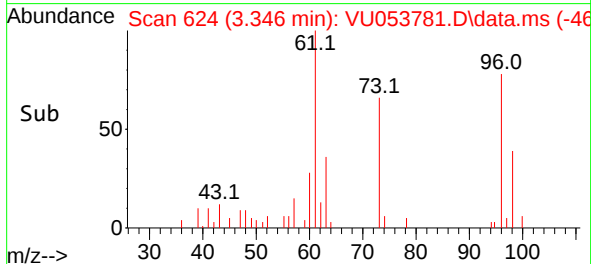
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



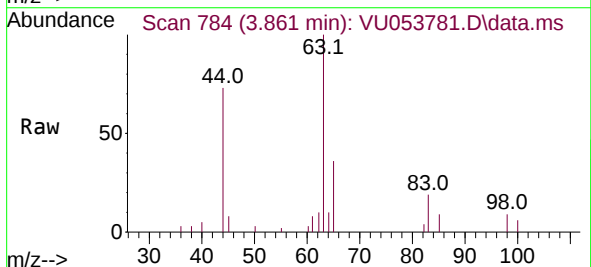
Tgt Ion: 96 Resp: 4972
Ion Ratio Lower Upper
96 100
61 128.7 117.5 176.3
98 49.6 48.3 72.5

Manual Integrations
APPROVED

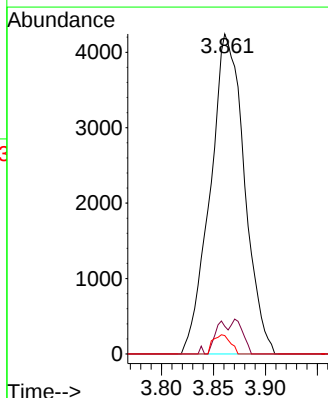
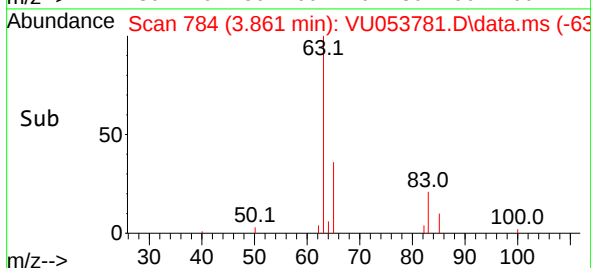
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

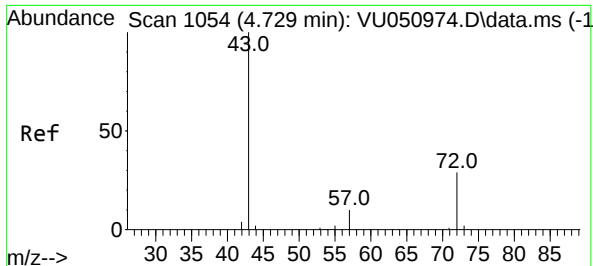


#17
1,1-Dichloroethane
Concen: 0.519 ug/l
RT: 3.861 min Scan# 784
Delta R.T. -0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03



Tgt Ion: 63 Resp: 9678
Ion Ratio Lower Upper
63 100
98 8.7 3.4 10.1
100 5.8 2.2 6.6





#18

2-Butanone

Concen: 2.869 ug/l

RT: 4.716 min Scan# 1050

Delta R.T. 0.003 min

Lab File: VU053781.D

Acq: 19 Apr 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 43 Resp: 1085

Ion Ratio Lower Upper

43 100

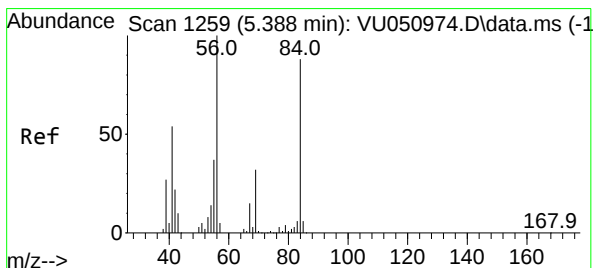
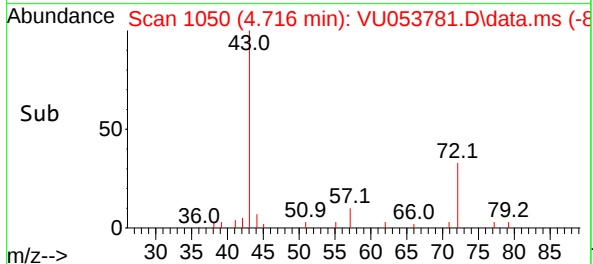
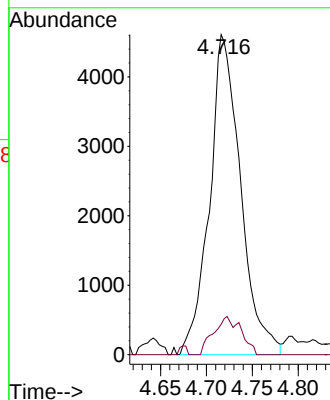
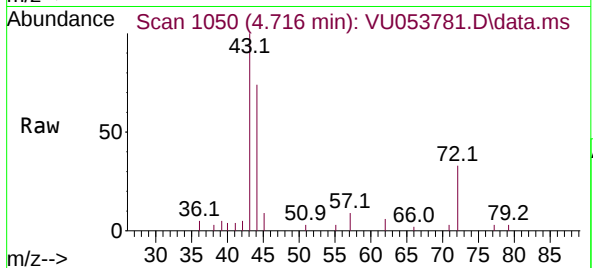
57 9.5 0.0 19.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#19

Cyclohexane

Concen: 0.526 ug/l m

RT: 5.375 min Scan# 1255

Delta R.T. -0.000 min

Lab File: VU053781.D

Acq: 19 Apr 2023 14:03

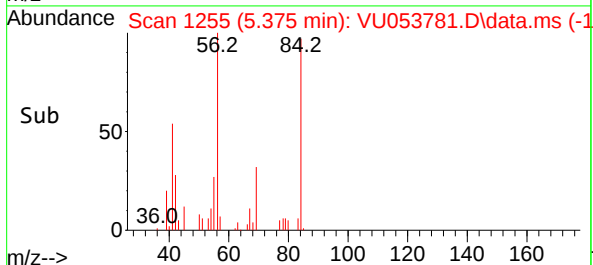
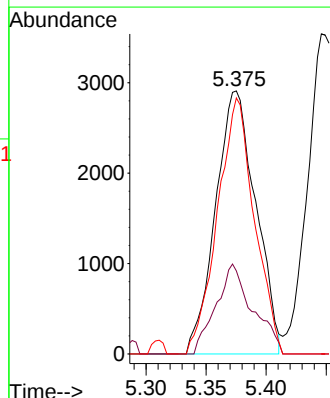
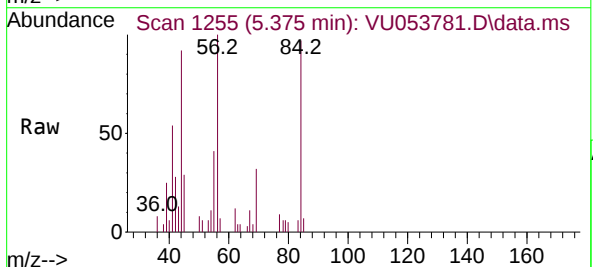
Tgt Ion: 56 Resp: 6786

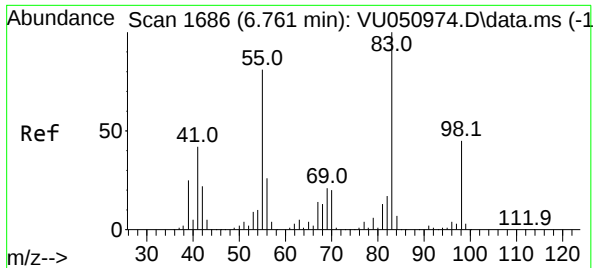
Ion Ratio Lower Upper

56 100

69 31.2 24.6 37.0

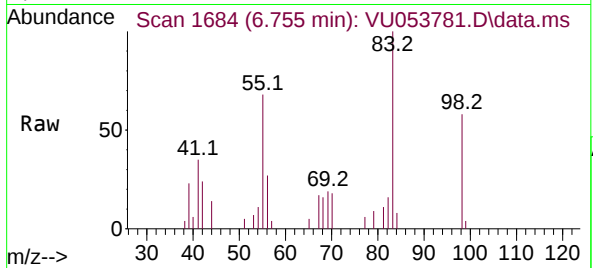
84 89.2 68.4 102.6





#20
Methylcyclohexane
Concen: 0.500 ug/l
RT: 6.755 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

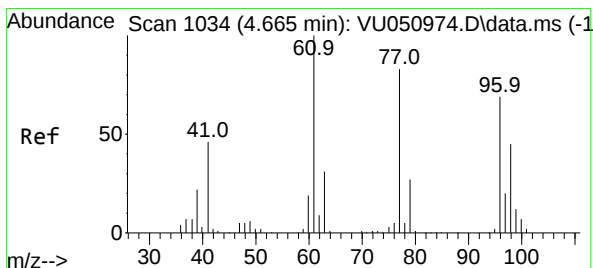
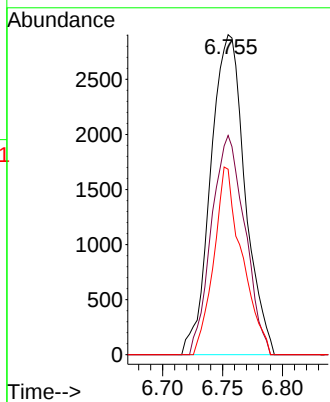
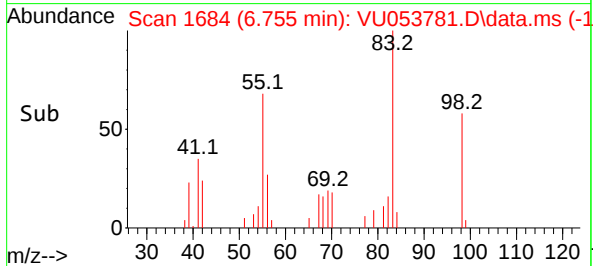
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 83 Resp: 578
Ion Ratio Lower Upper
83 100
55 66.7 63.5 95.3
98 48.2 36.0 54.0

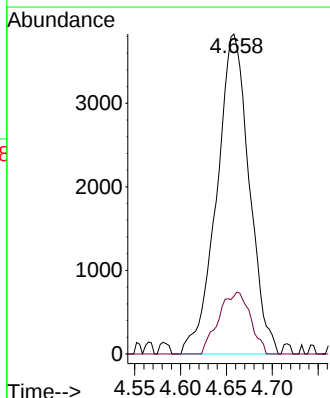
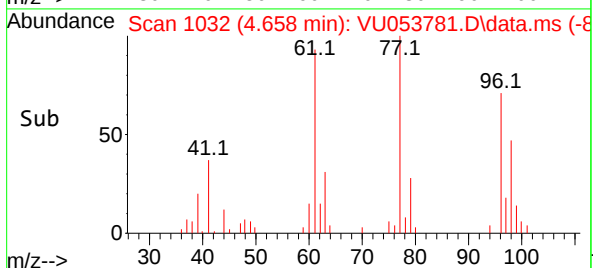
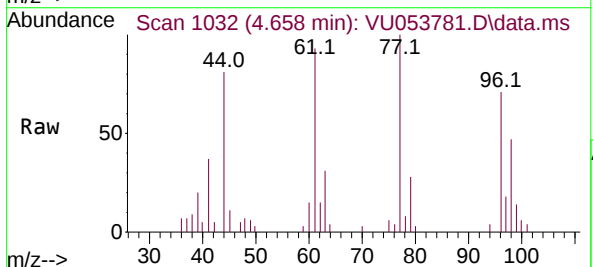
Manual Integrations
APPROVED

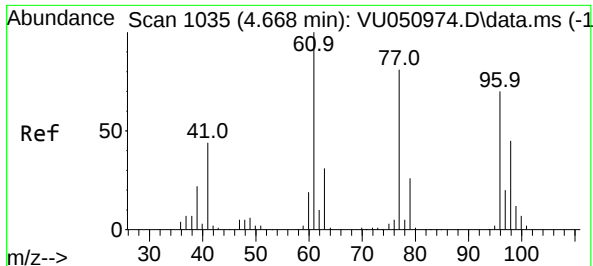
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#21
2,2-Dichloropropane
Concen: 0.557 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

Tgt Ion: 77 Resp: 9428
Ion Ratio Lower Upper
77 100
97 18.8 18.4 27.6





#22

cis-1,2-Dichloroethene

Concen: 0.533 ug/l

RT: 4.661 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU053781.D

Acq: 19 Apr 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 96 Resp: 6028

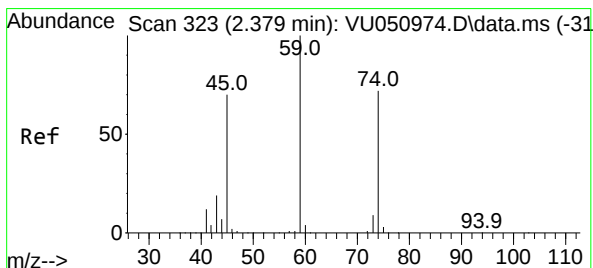
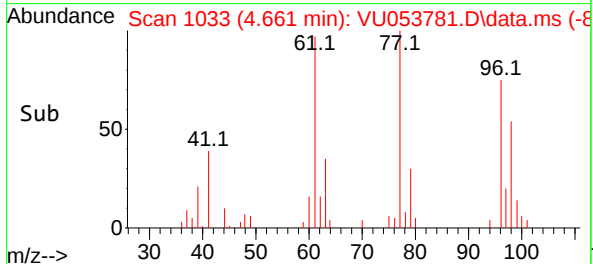
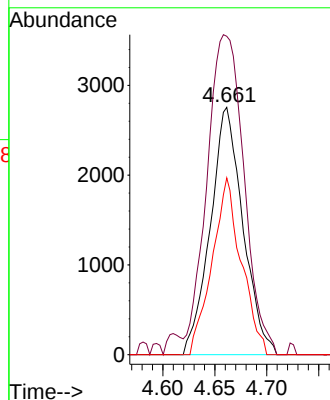
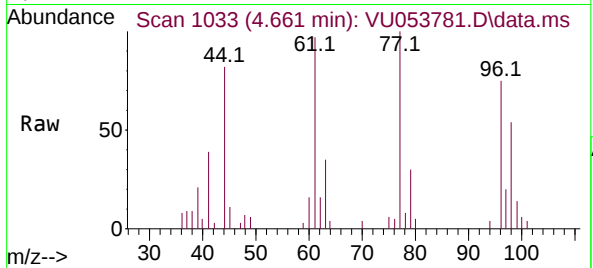
Ion	Ratio	Lower	Upper
96	100		
61	146.8	0.0	365.8
98	63.7	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#23

Diethyl Ether

Concen: 0.536 ug/l

RT: 2.375 min Scan# 322

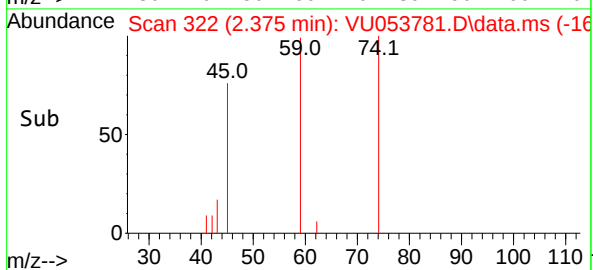
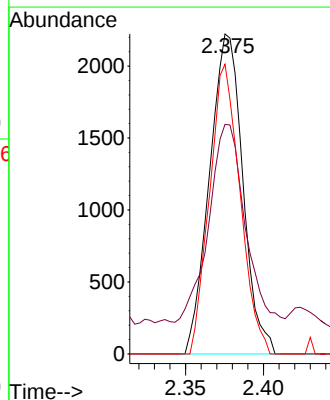
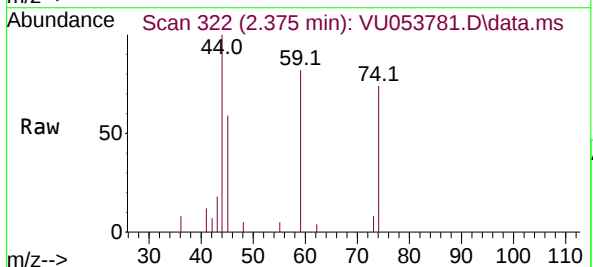
Delta R.T. -0.000 min

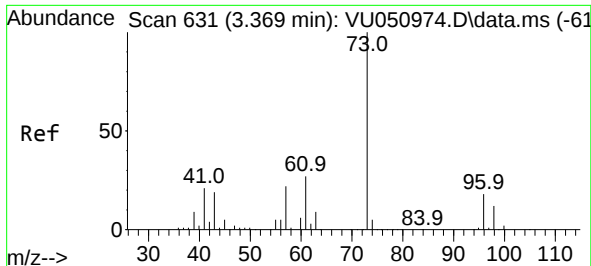
Lab File: VU053781.D

Acq: 19 Apr 2023 14:03

Tgt Ion: 59 Resp: 3304

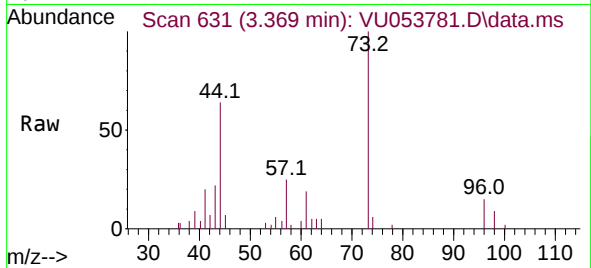
Ion	Ratio	Lower	Upper
59	100		
45	66.4	56.1	84.1
74	83.0	57.4	86.2





#25
Methyl tert-Butyl Ether
Concen: 0.497 ug/l
RT: 3.369 min Scan# 611
Delta R.T. 0.006 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

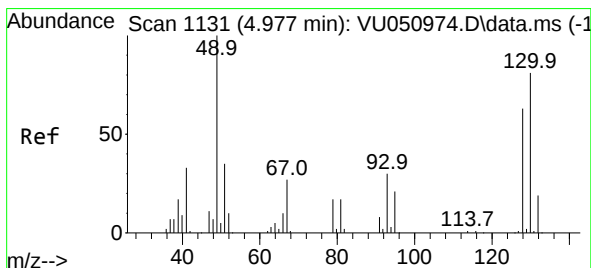
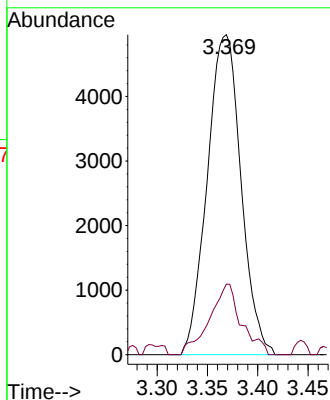
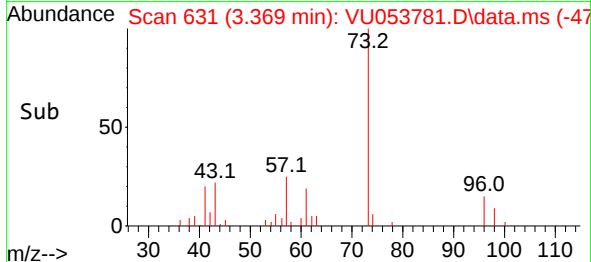
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 73 Resp: 1158
Ion Ratio Lower Upper
73 100
43 20.8 15.0 22.6

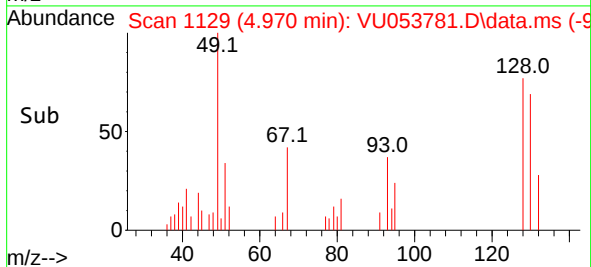
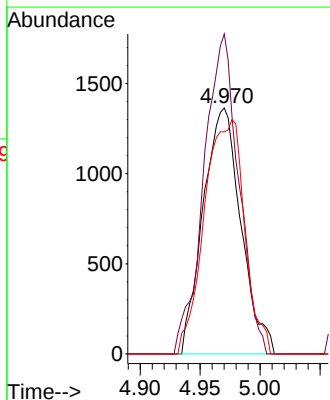
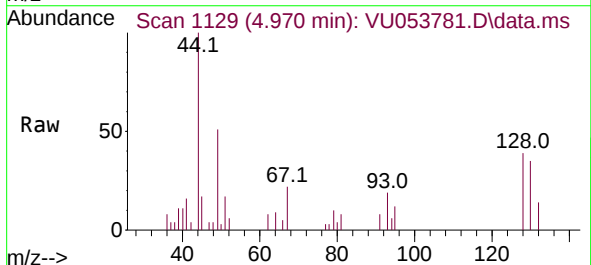
Manual Integrations
APPROVED

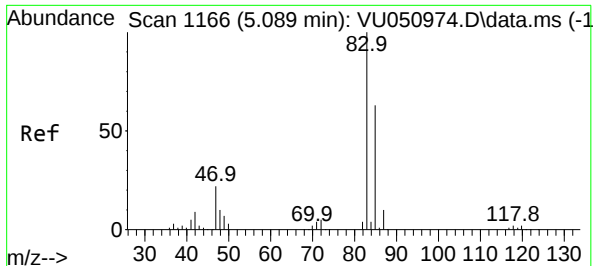
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#26
Bromochloromethane
Concen: 0.598 ug/l
RT: 4.970 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

Tgt Ion:128 Resp: 2988
Ion Ratio Lower Upper
128 100
49 119.9 0.0 324.6
130 101.1 103.0 154.4#





#27

Chloroform

Concen: 0.509 ug/l

RT: 5.083 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VU053781.D

Acq: 19 Apr 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 83 Resp: 10234

Ion Ratio Lower Upper

83 100

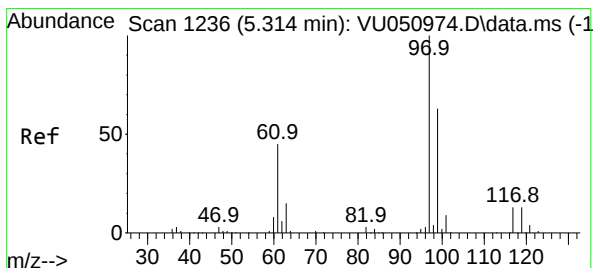
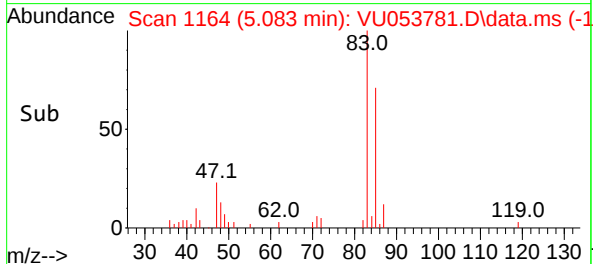
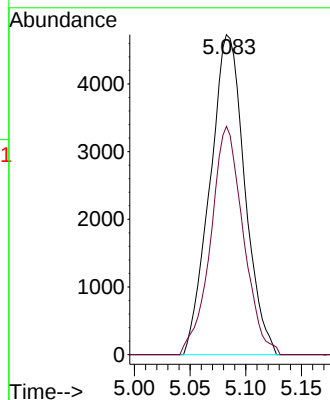
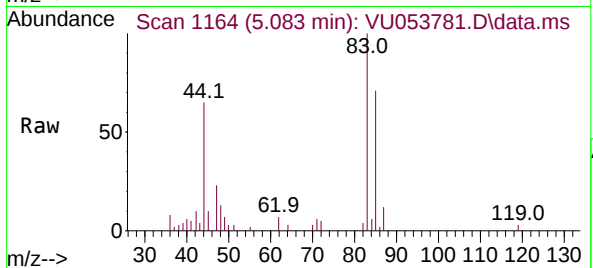
85 71.4 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#28

1,1,1-Trichloroethane

Concen: 0.515 ug/l

RT: 5.304 min Scan# 1233

Delta R.T. -0.003 min

Lab File: VU053781.D

Acq: 19 Apr 2023 14:03

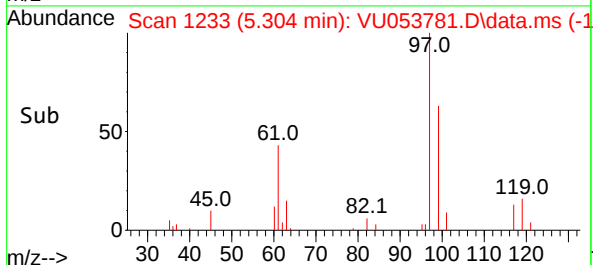
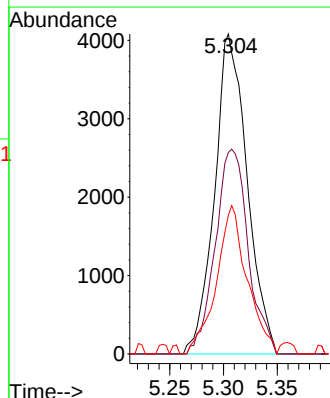
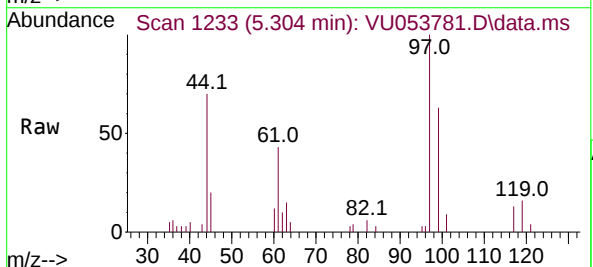
Tgt Ion: 97 Resp: 8592

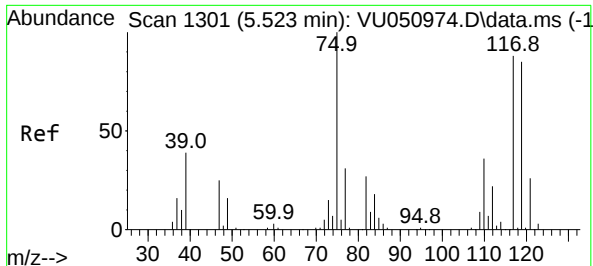
Ion Ratio Lower Upper

97 100

99 64.7 32.0 96.2

61 43.9 22.9 68.5





#29

1,1-Dichloropropene

Concen: 0.537 ug/l

RT: 5.510 min Scan# 1297

Delta R.T. -0.007 min

Lab File: VU053781.D

Acq: 19 Apr 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

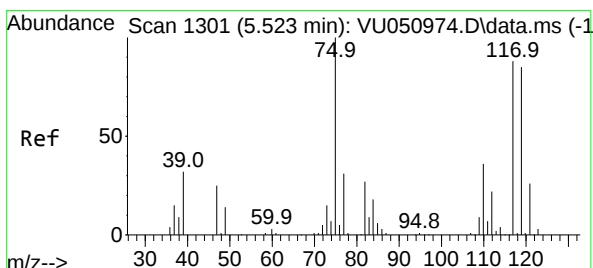
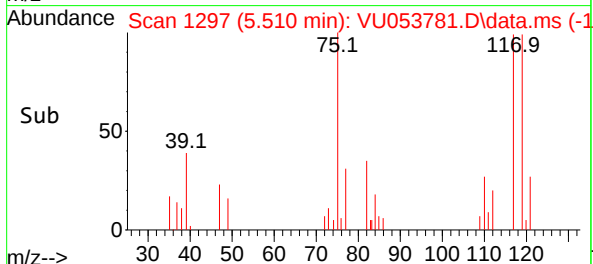
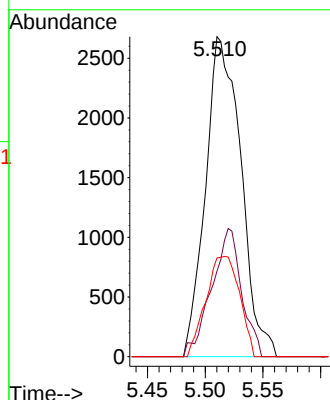
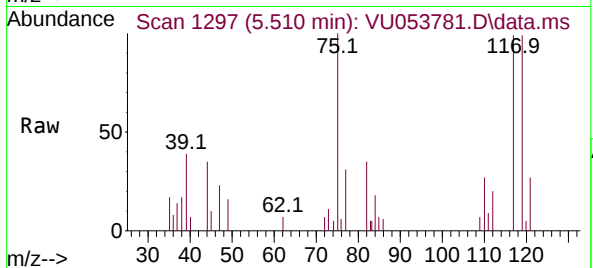
Tgt Ion: 75	Resp: 569
Ion Ratio	Lower Upper
75	100
110	34.0 18.0 54.0
77	29.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#30

Carbon Tetrachloride

Concen: 0.502 ug/l

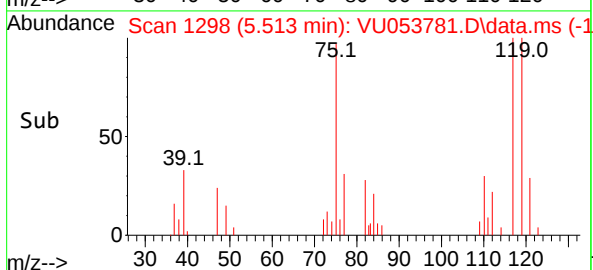
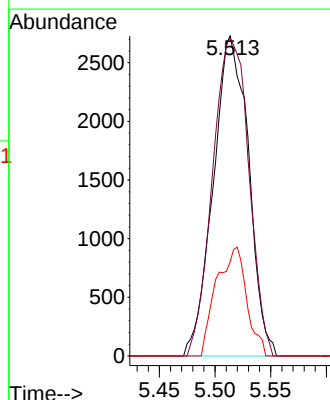
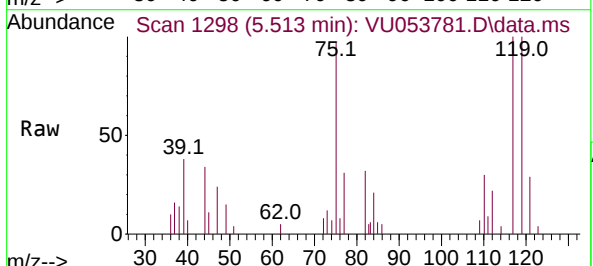
RT: 5.513 min Scan# 1298

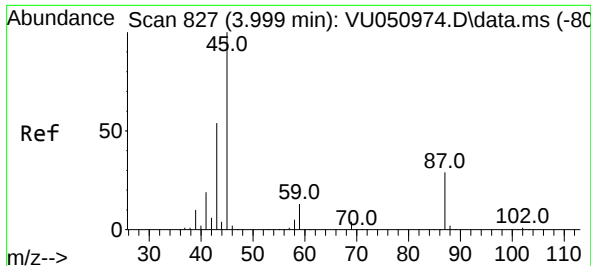
Delta R.T. -0.000 min

Lab File: VU053781.D

Acq: 19 Apr 2023 14:03

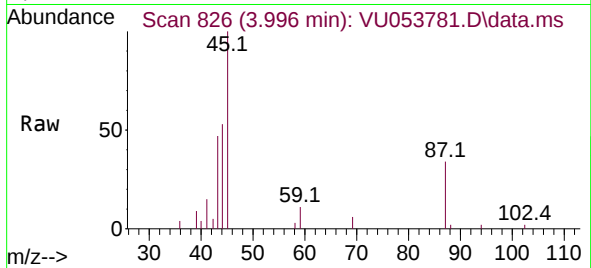
Tgt Ion:117	Resp: 5997
Ion Ratio	Lower Upper
117	100
119	99.5 77.4 116.0
121	29.5 24.0 36.0





#31
Isopropyl Ether
Concen: 0.528 ug/l
RT: 3.996 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

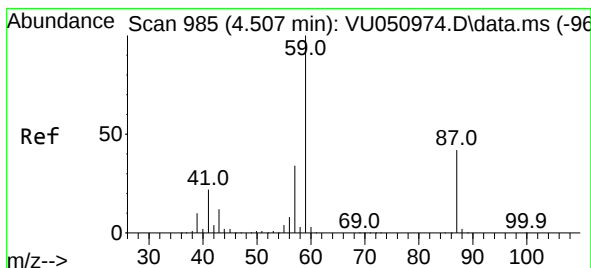
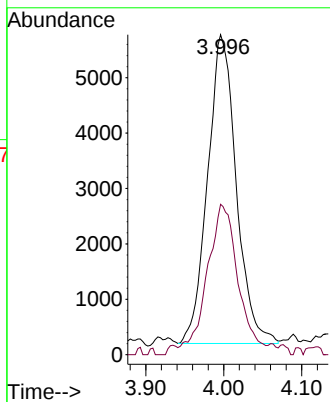
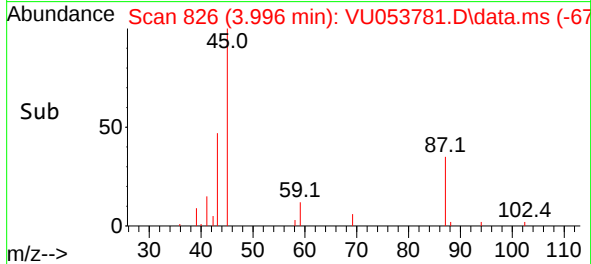
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



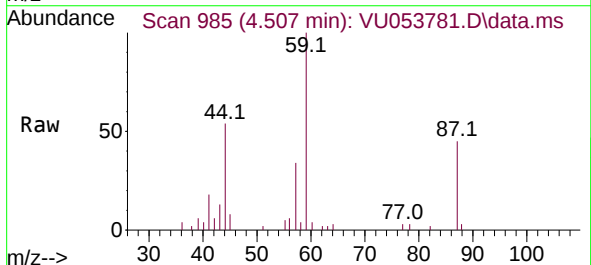
Tgt Ion: 45 Resp: 14239
Ion Ratio Lower Upper
45 100
43 48.9 27.5 82.5

Manual Integrations
APPROVED

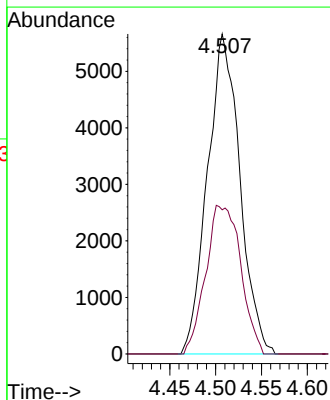
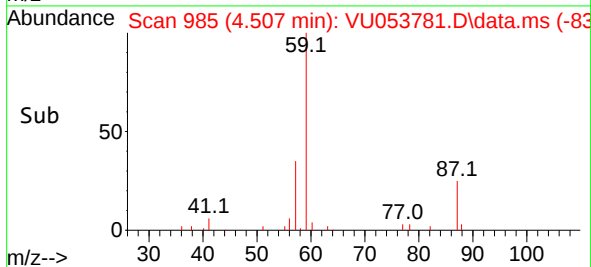
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

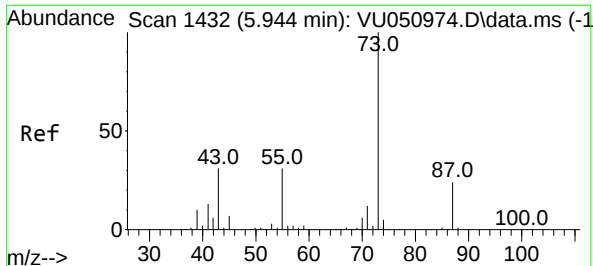


#32
Ethyl-t-butyl ether
Concen: 0.510 ug/l
RT: 4.507 min Scan# 985
Delta R.T. -0.000 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03



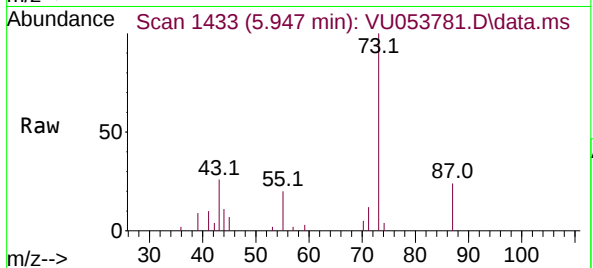
Tgt Ion: 59 Resp: 13913
Ion Ratio Lower Upper
59 100
87 50.0 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 0.512 ug/l
RT: 5.947 min Scan# 1432
Delta R.T. 0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

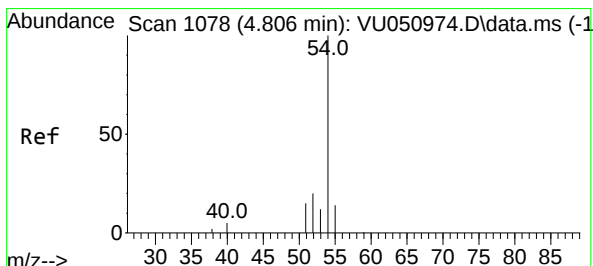
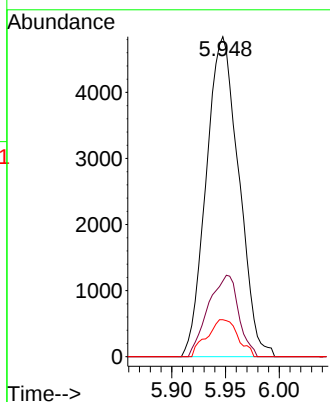
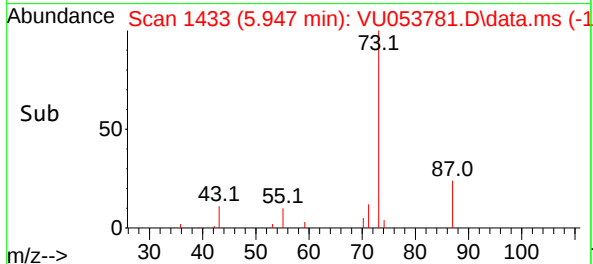
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



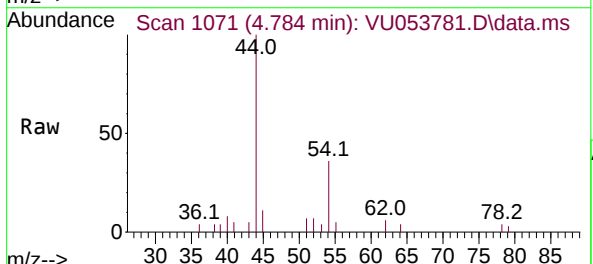
Tgt Ion: 73 Resp: 10198
Ion Ratio Lower Upper
73 100
87 23.7 18.6 28.0
71 10.9 9.9 14.9

Manual Integrations
APPROVED

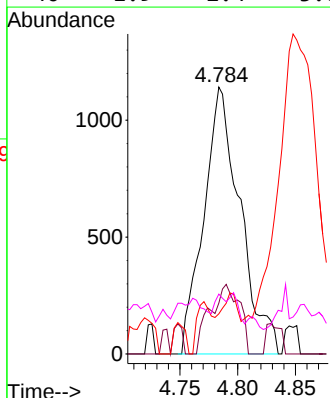
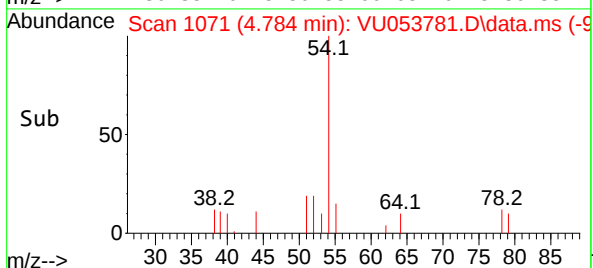
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

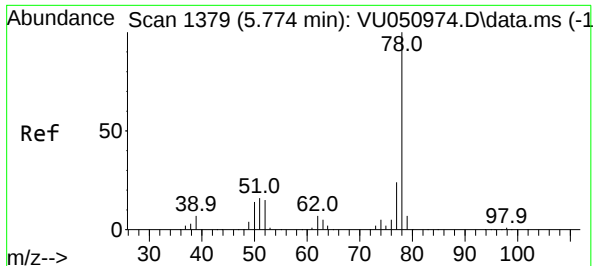


#34
Propionitrile
Concen: 2.956 ug/l
RT: 4.784 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03



Tgt Ion: 54 Resp: 2500
Ion Ratio Lower Upper
54 100
52 21.1 17.4 26.0
55 12.2 104.1 156.1#
40 1.9 2.4 3.6#





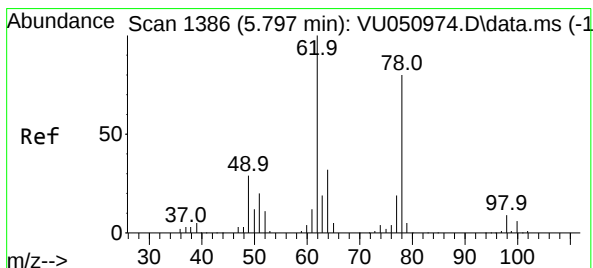
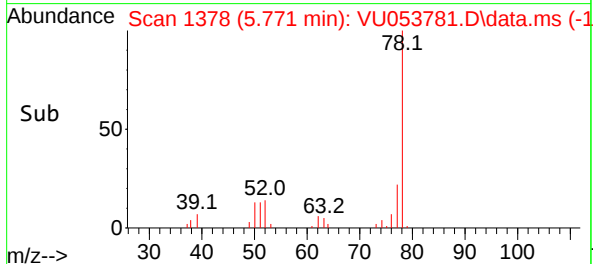
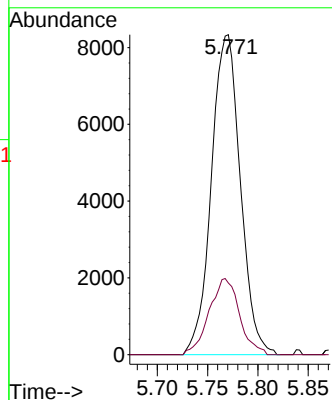
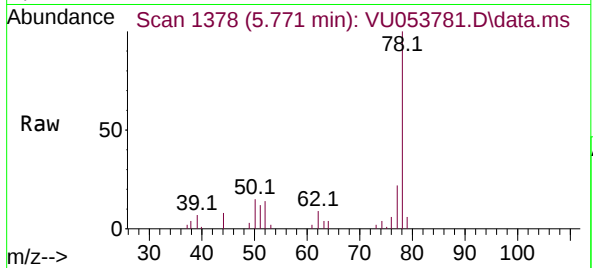
#35
Benzene
Concen: 0.511 ug/l
RT: 5.771 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 78 Resp: 1670
Ion Ratio Lower Upper
78 100
77 22.4 18.9 28.3

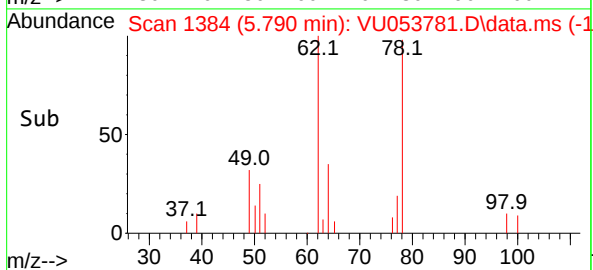
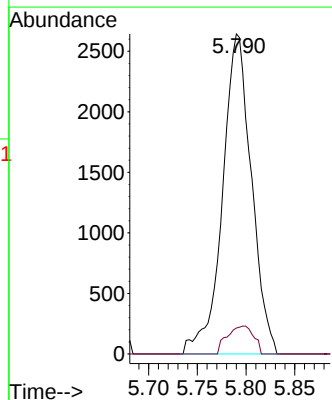
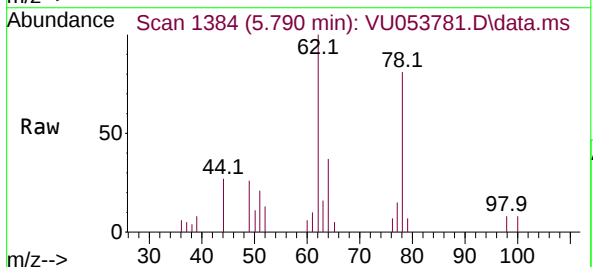
Manual Integrations
APPROVED

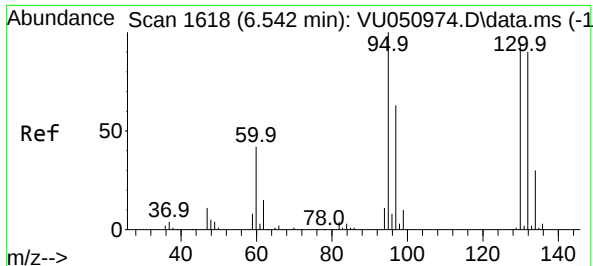
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#36
1,2-Dichloroethane
Concen: 0.531 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

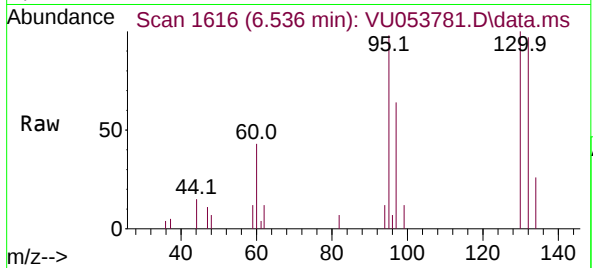
Tgt Ion: 62 Resp: 5456
Ion Ratio Lower Upper
62 100
98 8.0 7.3 10.9





#37
 Trichloroethene
 Concen: 0.515 ug/l
 RT: 6.536 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: VU053781.D
 Acq: 19 Apr 2023 14:03

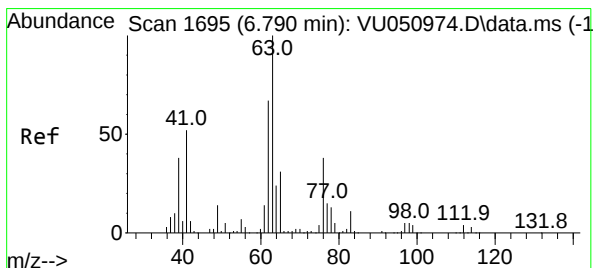
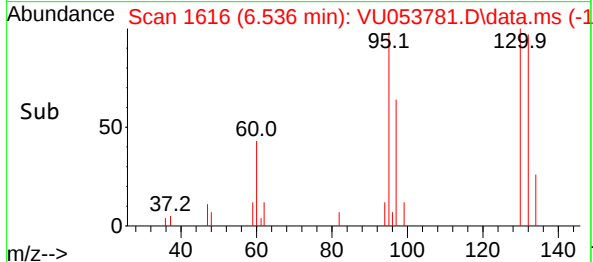
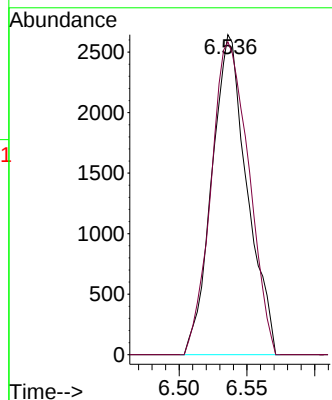
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



Tgt Ion:130 Resp: 4784
 Ion Ratio Lower Upper
 130 100
 95 97.8 85.0 127.6

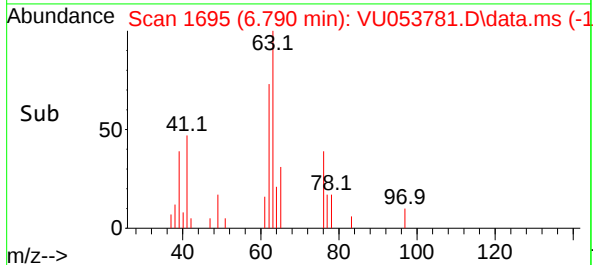
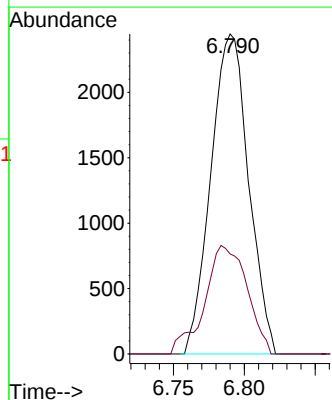
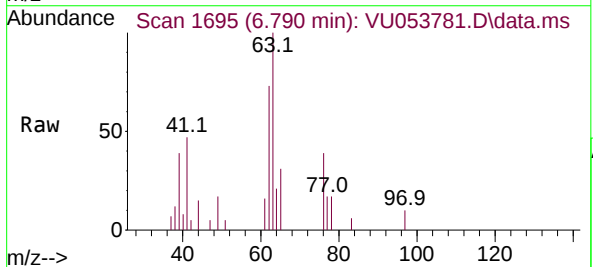
Manual Integrations
 APPROVED

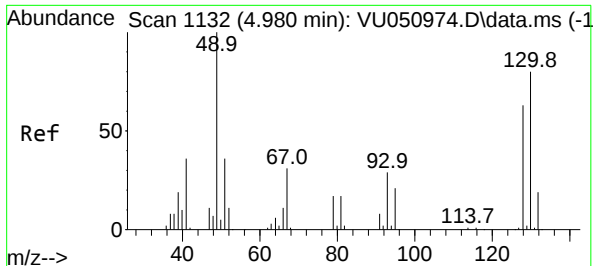
Reviewed By :Krupa Patel 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023



#38
 1,2-Dichloropropane
 Concen: 0.487 ug/l
 RT: 6.790 min Scan# 1695
 Delta R.T. -0.000 min
 Lab File: VU053781.D
 Acq: 19 Apr 2023 14:03

Tgt Ion: 63 Resp: 4534
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.9 37.3





#39

Methacrylonitrile

Concen: 0.642 ug/l

RT: 4.983 min Scan# 1132

Delta R.T. 0.009 min

Lab File: VU053781.D

Acq: 19 Apr 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

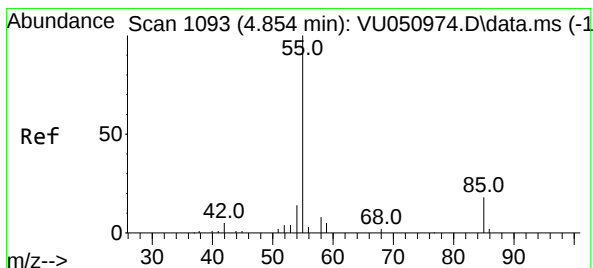
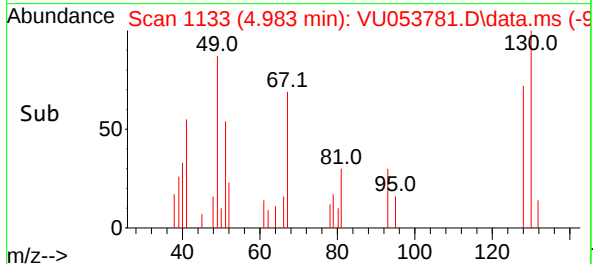
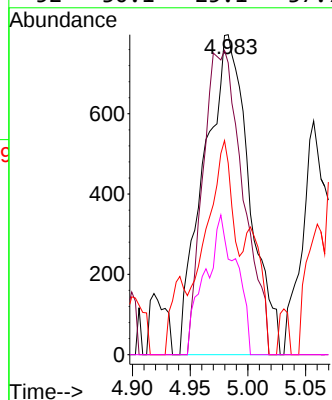
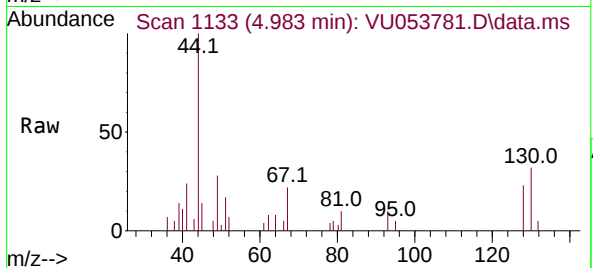
Tgt Ion:	41	Resp:	216
Ion	Ratio	Lower	Upper
41	100		
67	84.0	66.8	100.2
39	23.5	41.2	61.8
52	30.1	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#40

Methyl acrylate

Concen: 0.614 ug/l

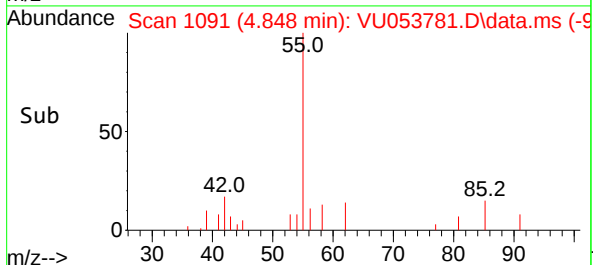
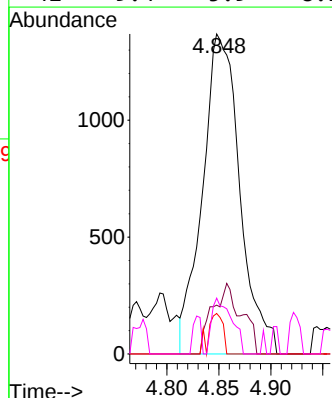
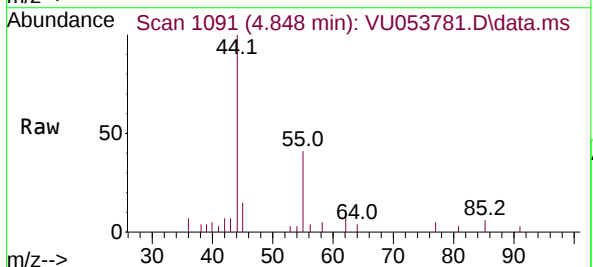
RT: 4.848 min Scan# 1091

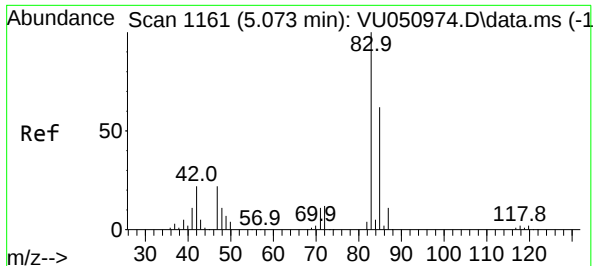
Delta R.T. 0.003 min

Lab File: VU053781.D

Acq: 19 Apr 2023 14:03

Tgt Ion:	55	Resp:	3422
Ion	Ratio	Lower	Upper
55	100		
85	13.6	13.3	19.9
58	4.8	6.5	9.7#
42	9.4	5.9	8.9#





#41

Tetrahydrofuran

Concen: 1.333 ug/l m

RT: 5.073 min Scan# 1161

Delta R.T. 0.009 min

Lab File: VU053781.D

Acq: 19 Apr 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

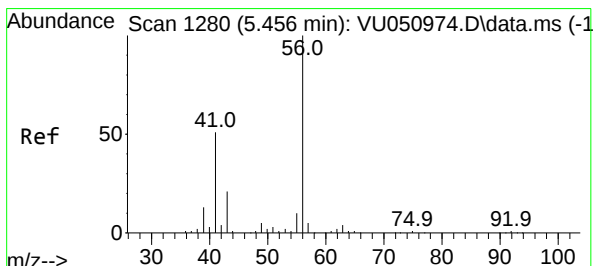
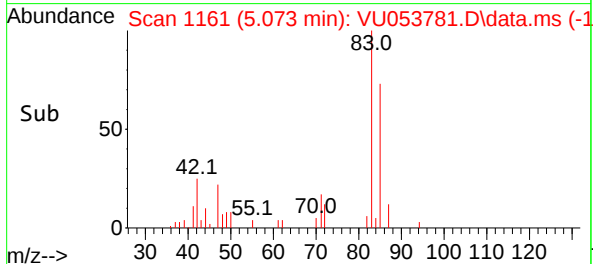
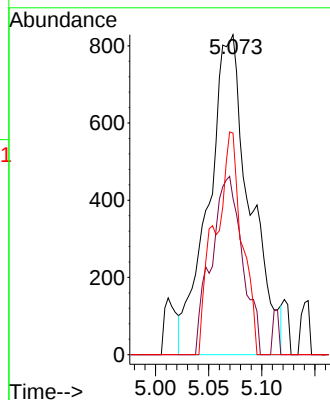
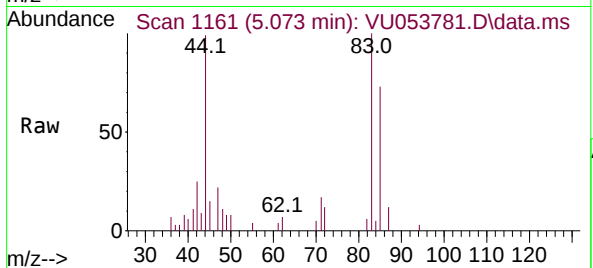
Tgt Ion:	42	Resp:	224
Ion	Ratio	Lower	Upper
42	100		
72	42.0	40.9	61.3
71	45.5	36.9	55.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#42

1-Chlorobutane

Concen: 0.532 ug/l

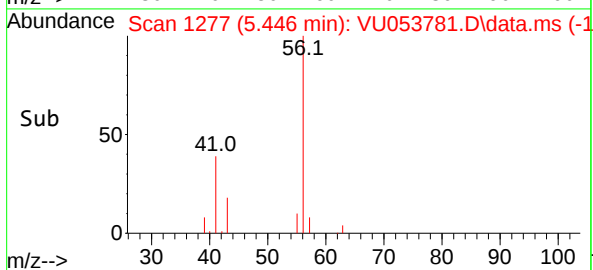
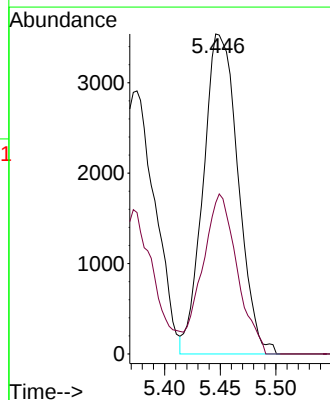
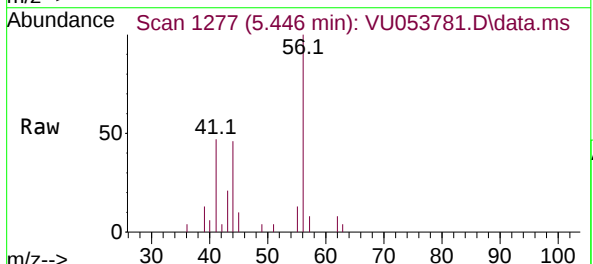
RT: 5.446 min Scan# 1277

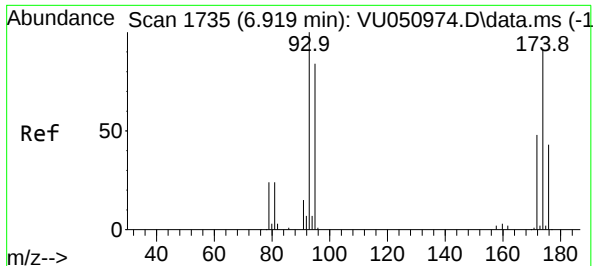
Delta R.T. -0.003 min

Lab File: VU053781.D

Acq: 19 Apr 2023 14:03

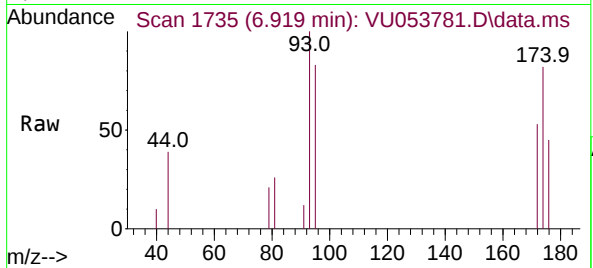
Tgt Ion:	56	Resp:	7707
Ion	Ratio	Lower	Upper
56	100		
41	49.4	25.2	75.6





#43
Dibromomethane
Concen: 0.509 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

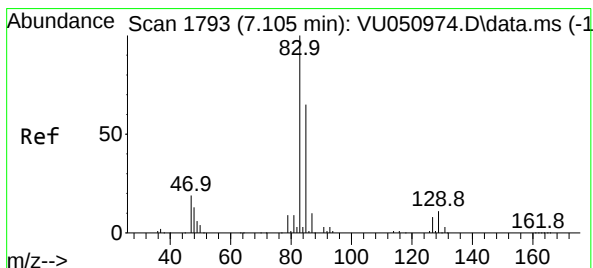
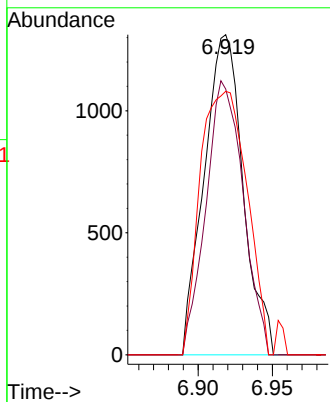
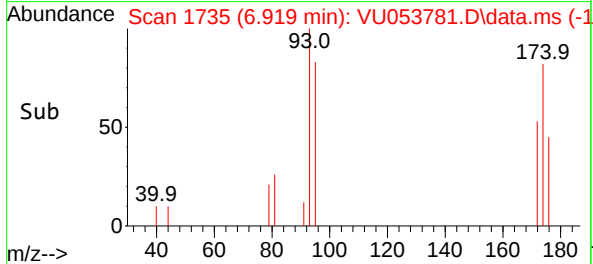
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



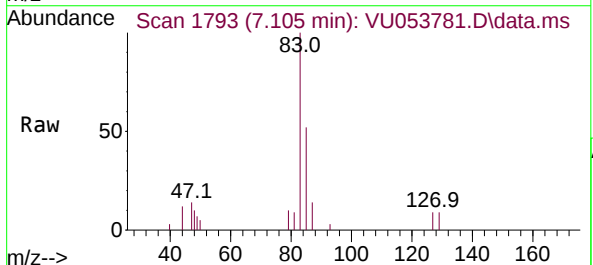
Tgt Ion: 93 Resp: 240
Ion Ratio Lower Upper
93 100
95 81.6 67.0 100.6
174 98.7 73.8 110.6

Manual Integrations
APPROVED

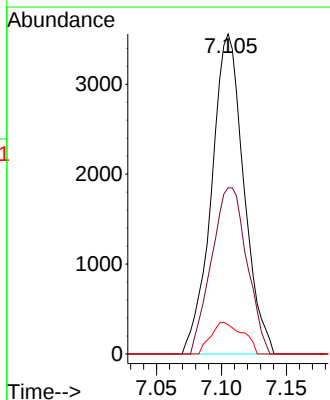
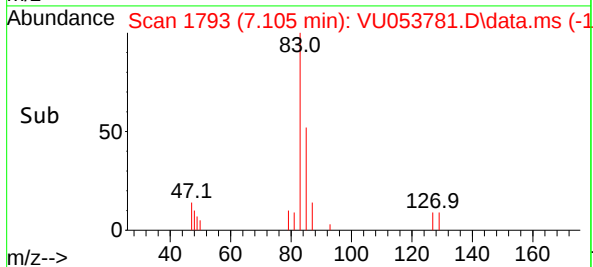
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

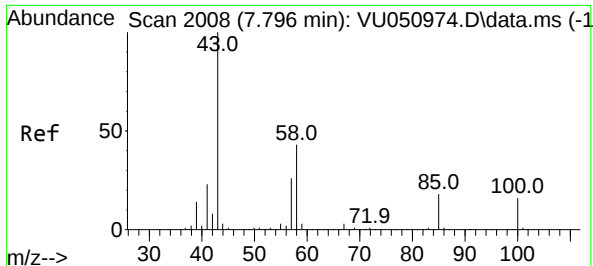


#44
Bromodichloromethane
Concen: 0.516 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. 0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03



Tgt Ion: 83 Resp: 6140
Ion Ratio Lower Upper
83 100
85 51.9 51.9 77.9#
127 9.1 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 2.454 ug/l

RT: 7.800 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU053781.D

Acq: 19 Apr 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

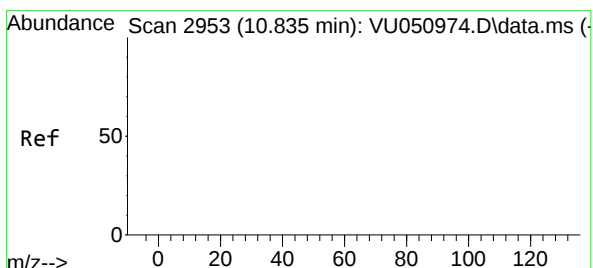
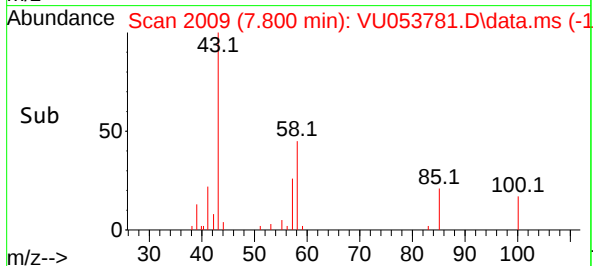
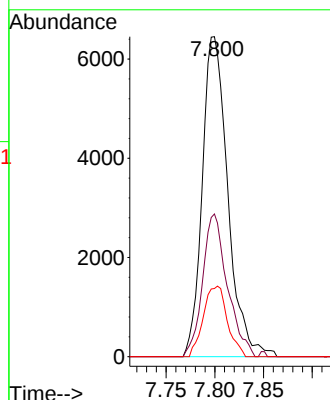
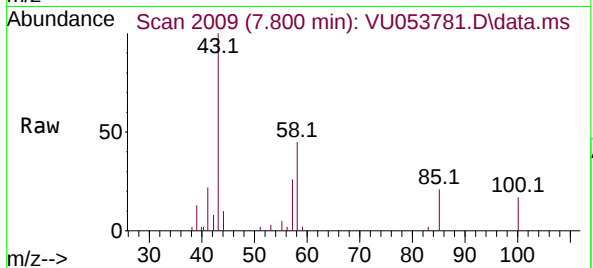
Tgt Ion:	43	Resp:	1178
Ion	Ratio	Lower	Upper
43	100		
58	43.1	20.9	62.8
85	20.7	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#46

t-1,4-Dichloro-2-butene

Concen: 0.840 ug/l m

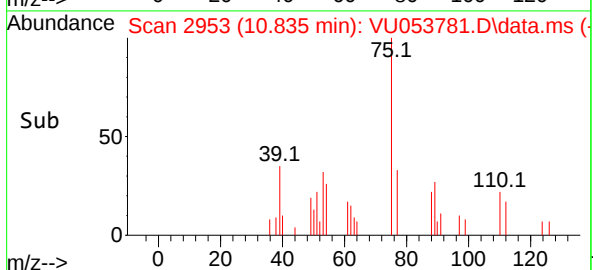
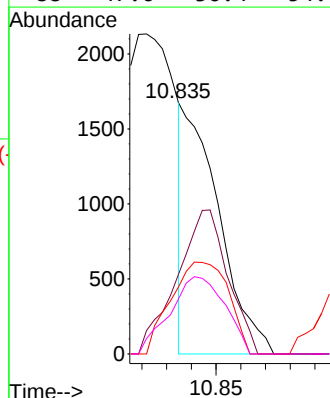
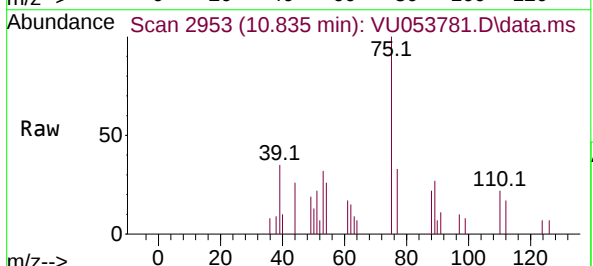
RT: 10.835 min Scan# 2953

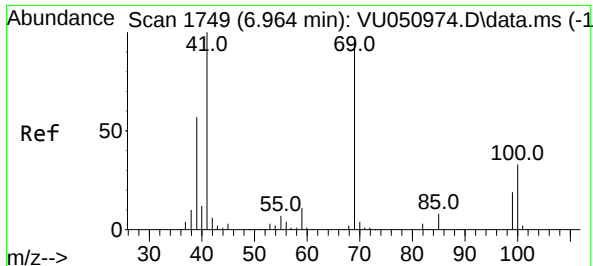
Delta R.T. 0.003 min

Lab File: VU053781.D

Acq: 19 Apr 2023 14:03

Tgt Ion:	75	Resp:	1674
Ion	Ratio	Lower	Upper
75	100		
53	82.1	73.3	109.9
89	59.1	48.2	72.4
88	47.6	36.4	54.6





#47

Methyl methacrylate

Concen: 0.993 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU053781.D

Acq: 19 Apr 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 69 Resp: 4118

Ion Ratio Lower Upper

69 100

41 86.1 0.0 209.2

39 49.2 46.7 70.1

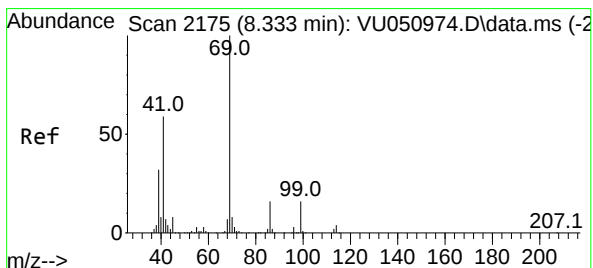
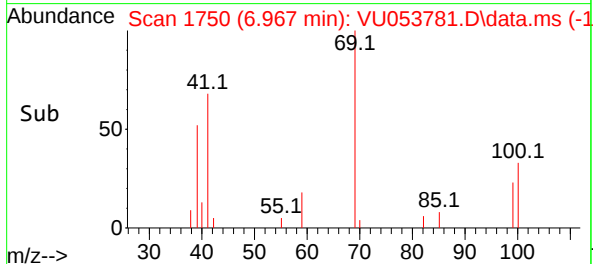
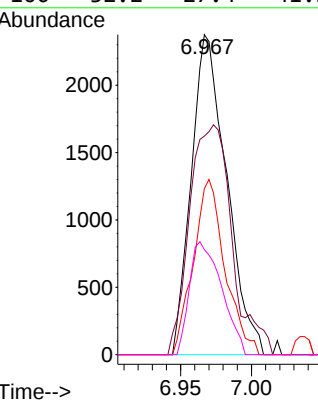
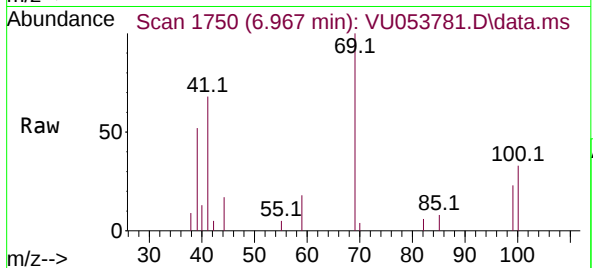
100 32.2 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#48

Ethyl methacrylate

Concen: 0.466 ug/l

RT: 8.336 min Scan# 2176

Delta R.T. 0.003 min

Lab File: VU053781.D

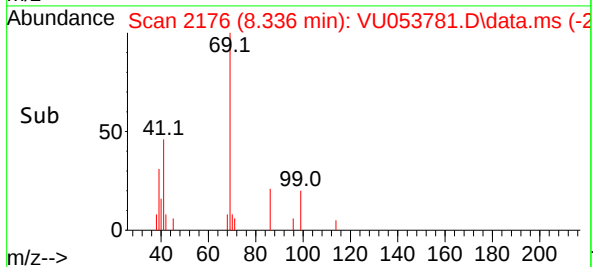
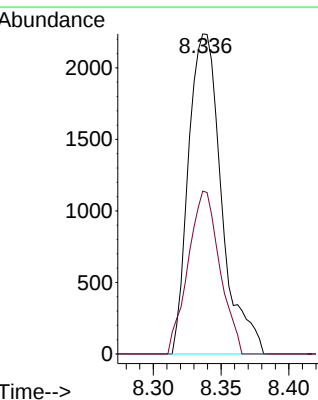
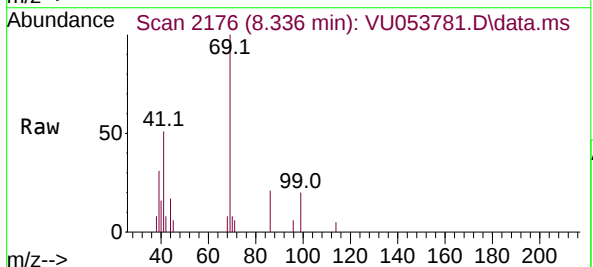
Acq: 19 Apr 2023 14:03

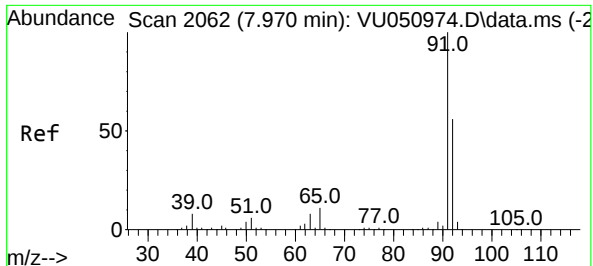
Tgt Ion: 69 Resp: 3790

Ion Ratio Lower Upper

69 100

41 48.7 30.3 90.8





#49

Toluene

Concen: 0.492 ug/l

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU053781.D

Acq: 19 Apr 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 92 Resp: 10134

Ion Ratio Lower Upper

92 100

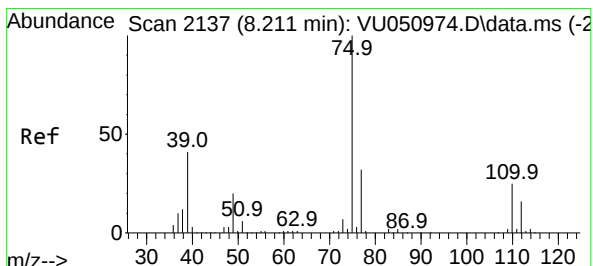
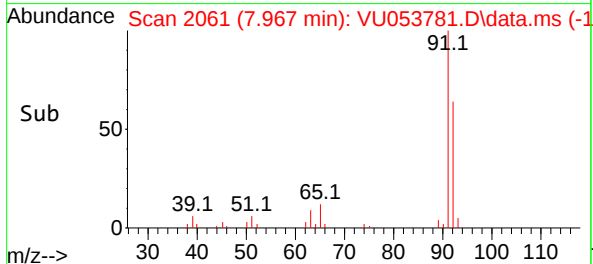
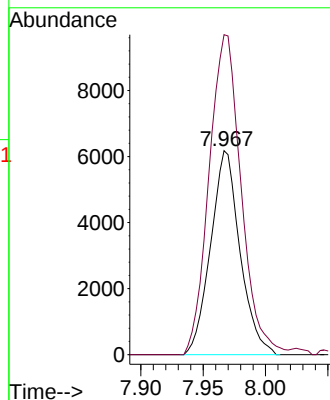
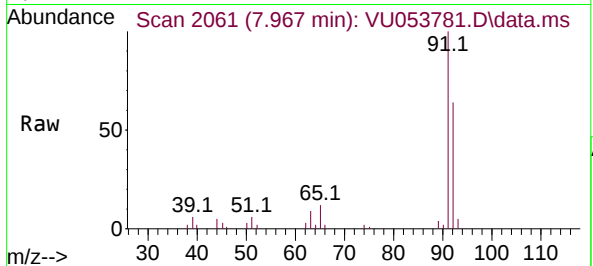
91 171.3 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#50

t-1,3-Dichloropropene

Concen: 0.475 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU053781.D

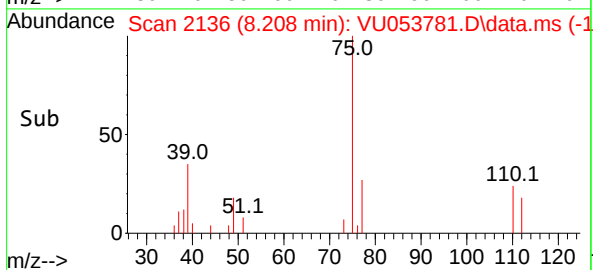
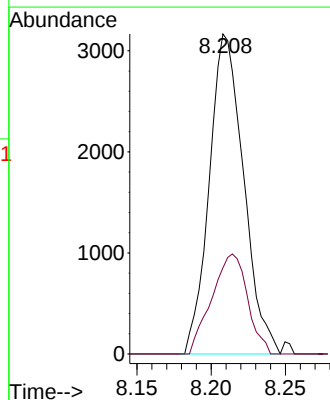
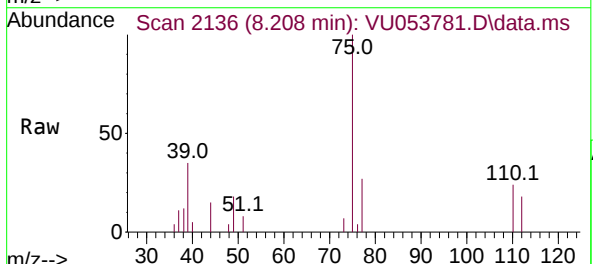
Acq: 19 Apr 2023 14:03

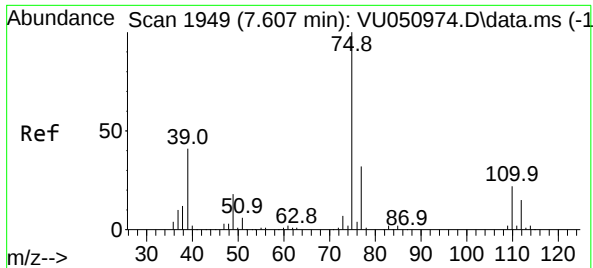
Tgt Ion: 75 Resp: 5081

Ion Ratio Lower Upper

75 100

77 26.9 25.3 37.9





#51

cis-1,3-Dichloropropene

Concen: 0.485 ug/l

RT: 7.607 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU053781.D

Acq: 19 Apr 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

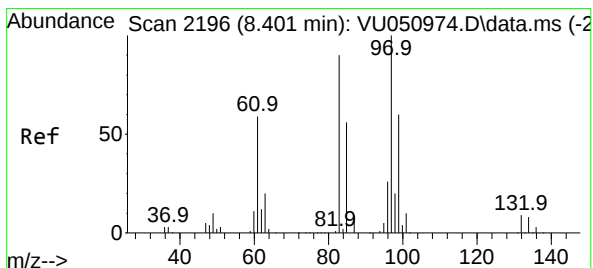
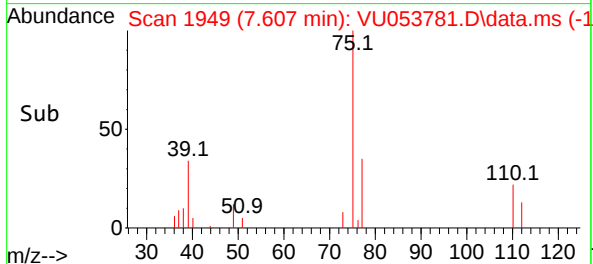
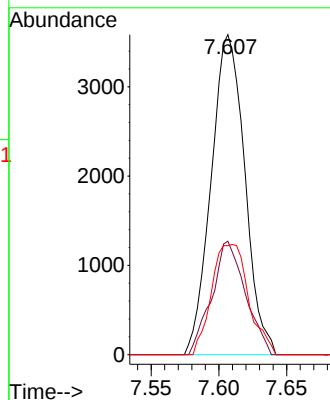
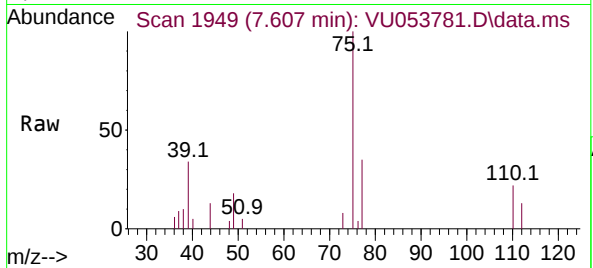
Tgt Ion: 75	Resp: 6180
Ion Ratio	Lower Upper
75 100	
77 35.4	25.7 38.5
39 34.0	32.8 49.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#52

1,1,2-Trichloroethane

Concen: 0.526 ug/l

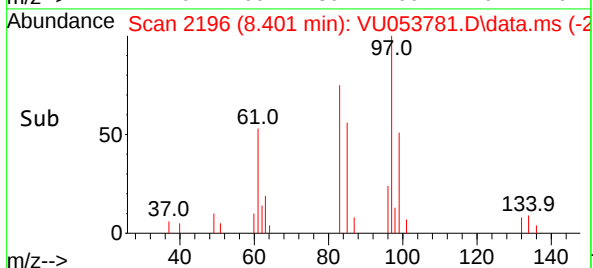
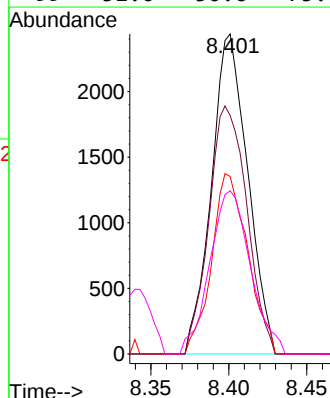
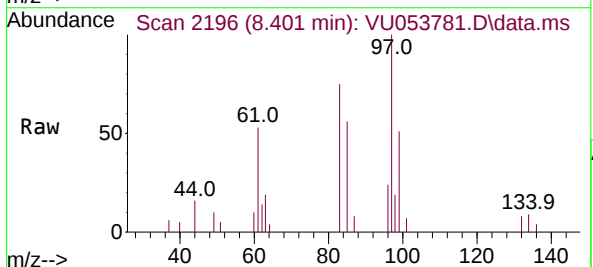
RT: 8.401 min Scan# 2196

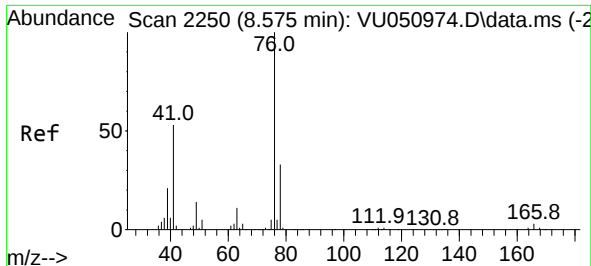
Delta R.T. 0.003 min

Lab File: VU053781.D

Acq: 19 Apr 2023 14:03

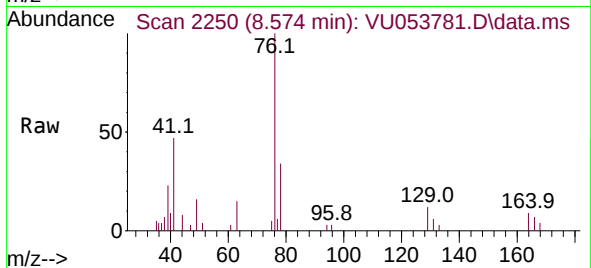
Tgt Ion: 97	Resp: 3937
Ion Ratio	Lower Upper
97 100	
83 74.5	71.8 107.8
85 55.5	45.2 67.8
99 51.0	50.6 75.8





#53
1,3-Dichloropropane
Concen: 0.472 ug/l
RT: 8.574 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

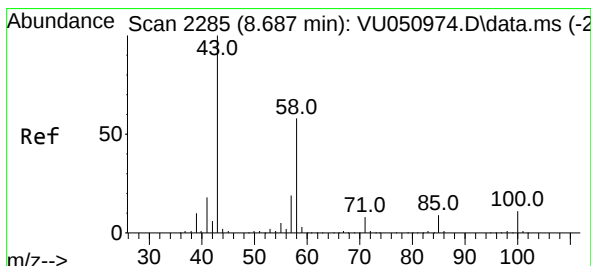
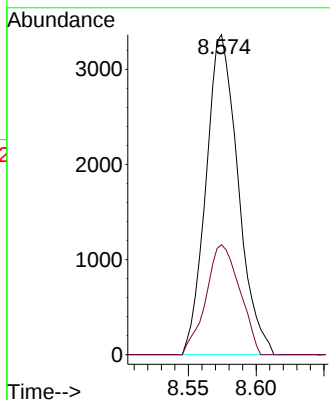
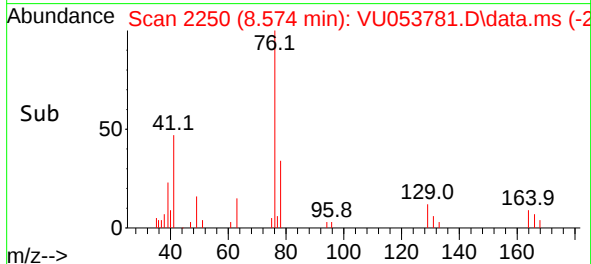
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



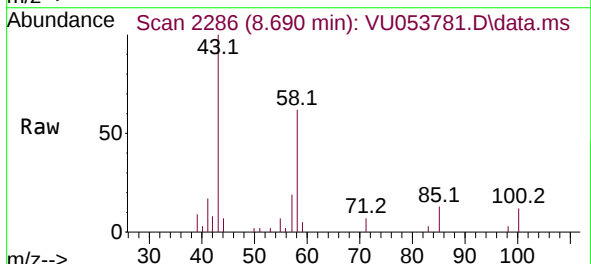
Tgt Ion: 76 Resp: 553
Ion Ratio Lower Upper
76 100
78 36.1 25.9 38.9

Manual Integrations
APPROVED

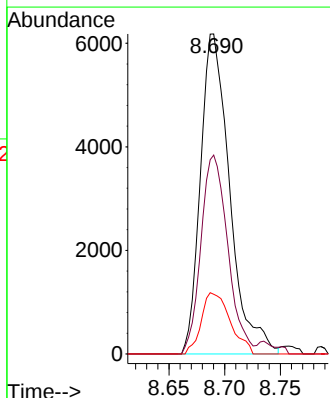
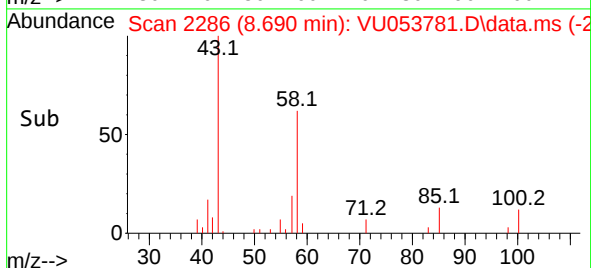
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

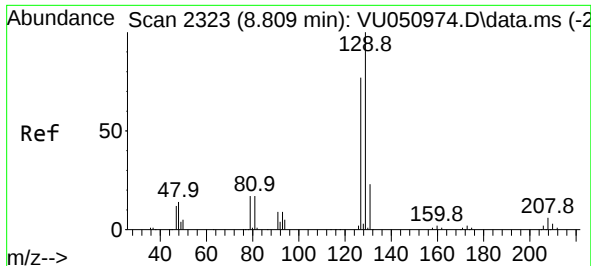


#54
2-Hexanone
Concen: 2.511 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03



Tgt Ion: 43 Resp: 11305
Ion Ratio Lower Upper
43 100
58 57.0 38.2 78.2
57 18.9 0.0 39.1





#55

Dibromochloromethane

Concen: 0.473 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. 0.003 min

Lab File: VU053781.D

Acq: 19 Apr 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion:129 Resp: 372

Ion Ratio Lower Upper

129 100

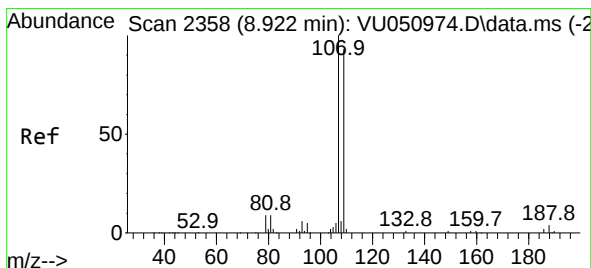
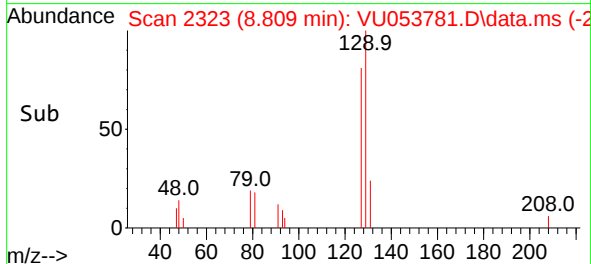
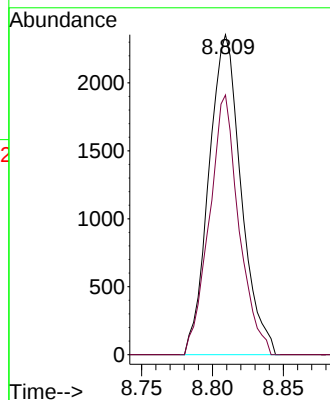
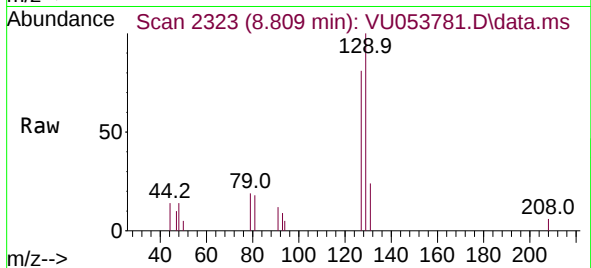
127 74.4 61.4 92.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#56

1,2-Dibromoethane

Concen: 0.477 ug/l

RT: 8.922 min Scan# 2358

Delta R.T. -0.000 min

Lab File: VU053781.D

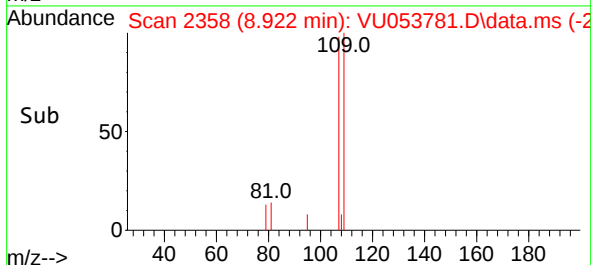
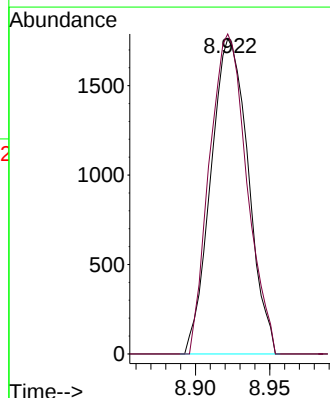
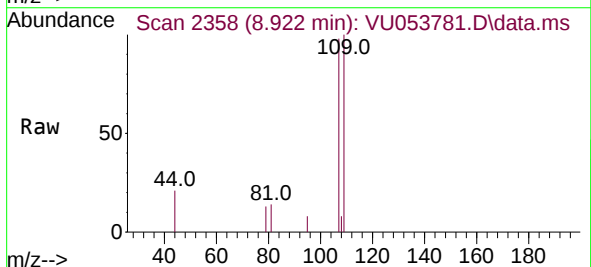
Acq: 19 Apr 2023 14:03

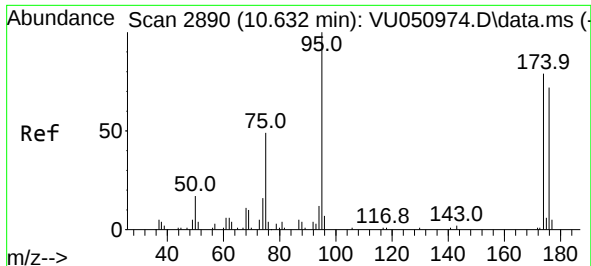
Tgt Ion:107 Resp: 3083

Ion Ratio Lower Upper

107 100

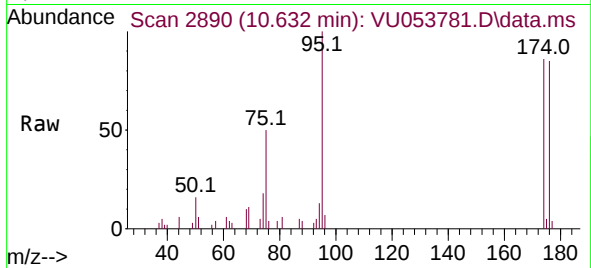
109 101.7 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.905 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

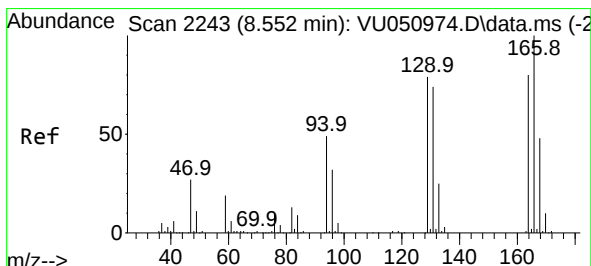
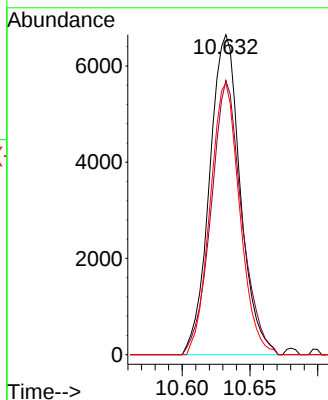
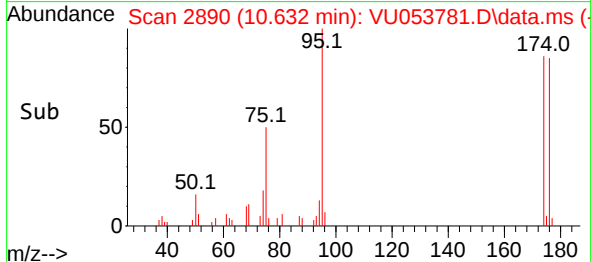
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



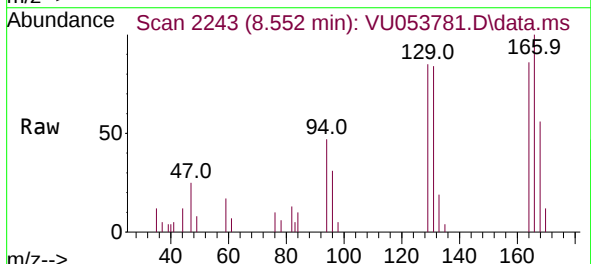
Tgt Ion: 95 Resp: 10499
Ion Ratio Lower Upper
95 100
174 85.2 63.3 94.9
176 81.5 59.3 88.9

Manual Integrations
APPROVED

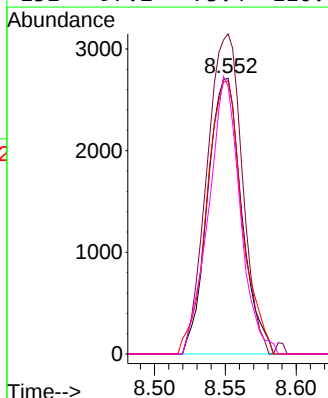
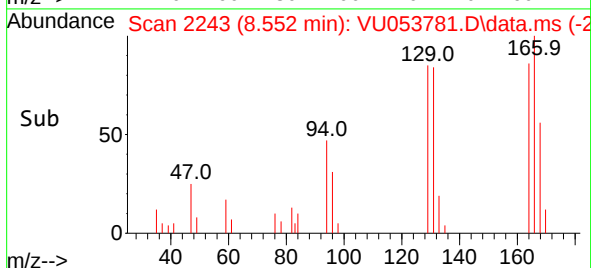
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

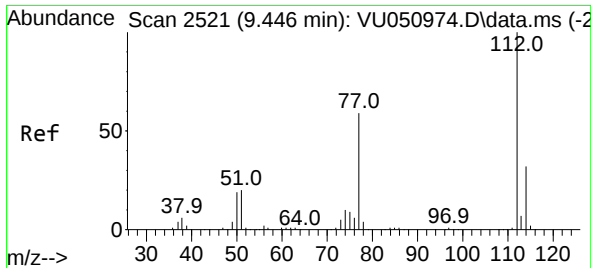


#58
Tetrachloroethene
Concen: 0.505 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03



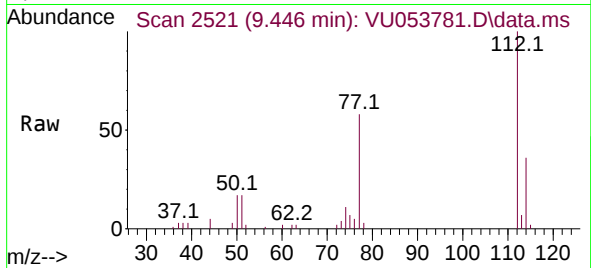
Tgt Ion:164 Resp: 4532
Ion Ratio Lower Upper
164 100
166 116.1 99.6 149.4
129 99.0 78.6 117.8
131 97.2 73.4 110.0





#59
Chlorobenzene
Concen: 0.497 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

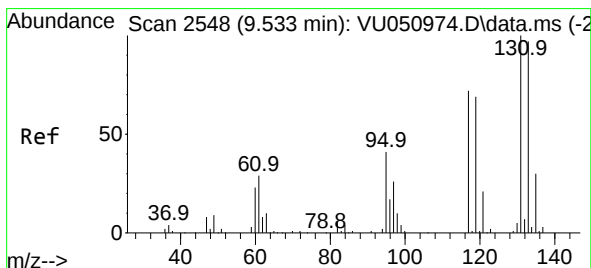
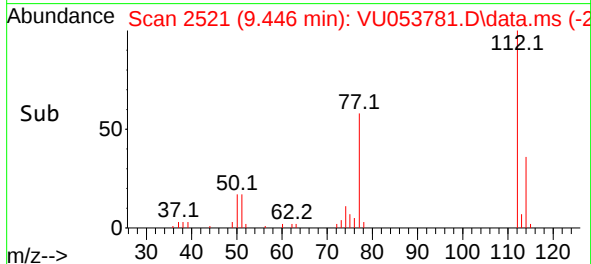
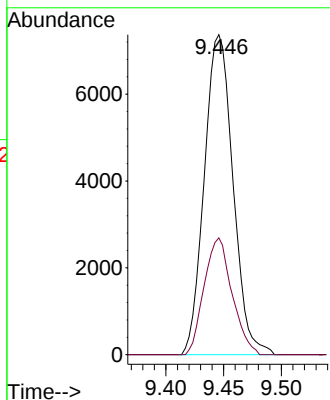
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion:112 Resp: 12728
Ion Ratio Lower Upper
112 100
114 36.5 25.6 38.4

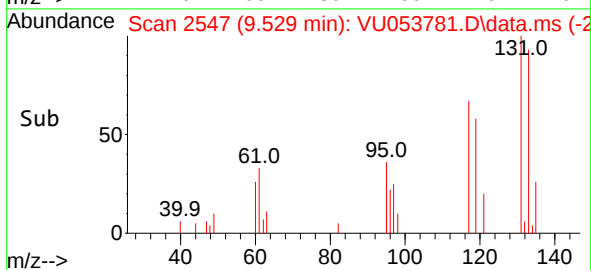
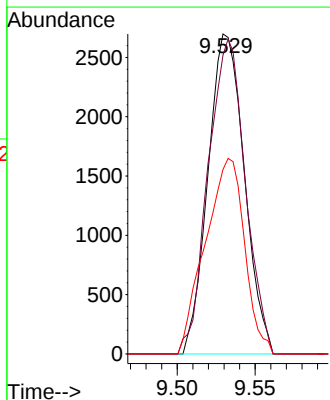
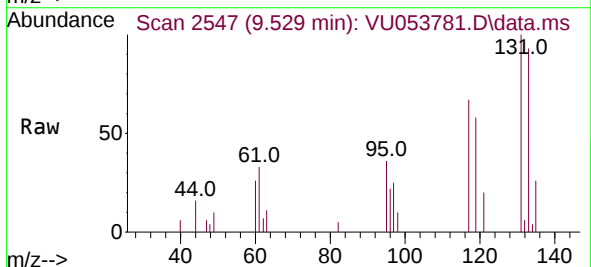
Manual Integrations
APPROVED

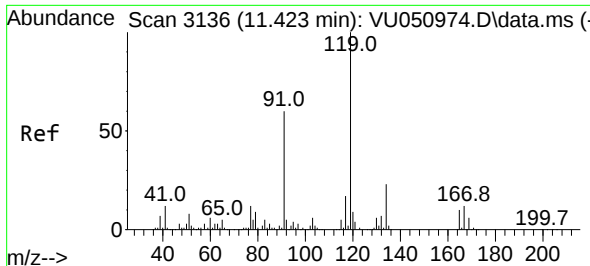
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 0.474 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. -0.000 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

Tgt Ion:131 Resp: 4377
Ion Ratio Lower Upper
131 100
133 100.4 77.8 116.6
119 66.0 55.2 82.8





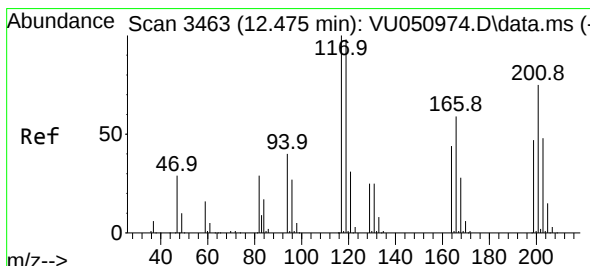
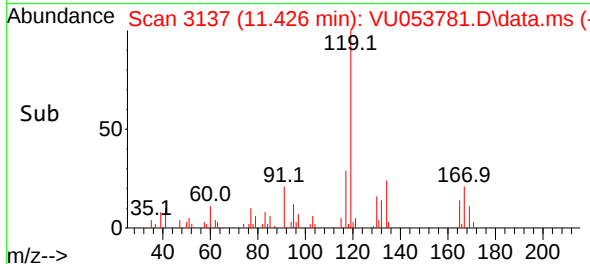
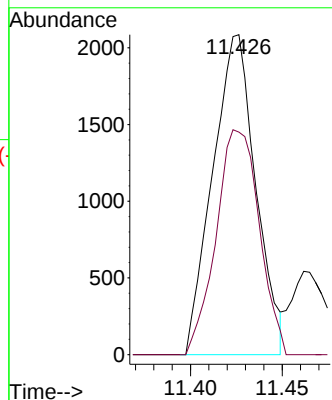
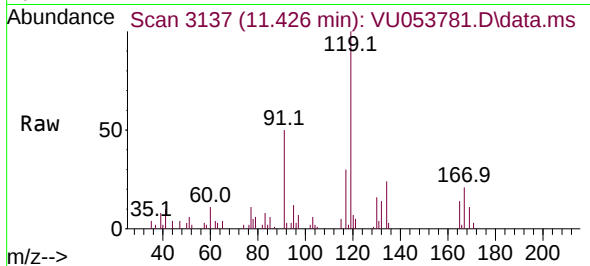
#61
Pentachloroethane
Concen: 0.478 ug/l
RT: 11.426 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:117 Resp: 3404
Ion Ratio Lower Upper
117 100
167 70.6 56.7 85.1

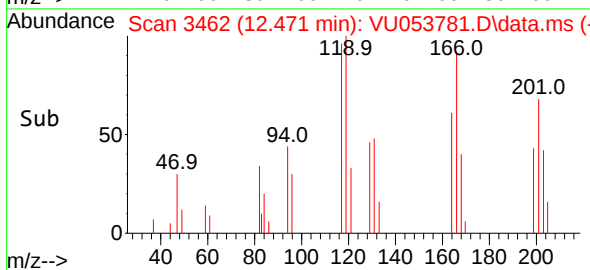
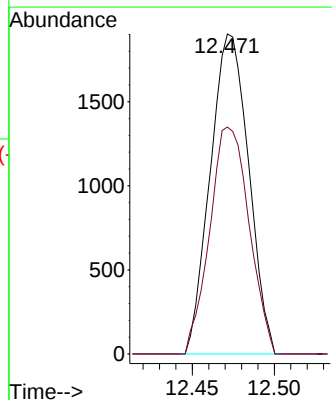
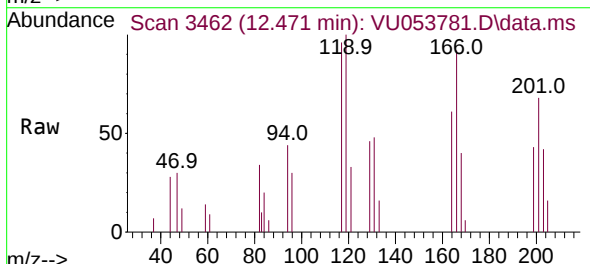
Manual Integrations
APPROVED

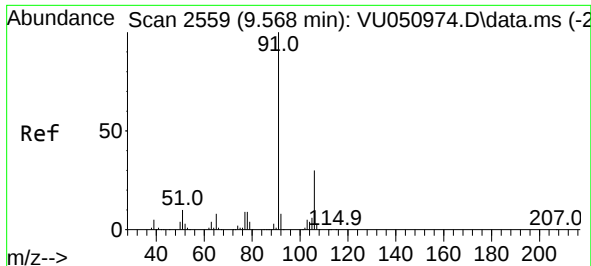
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#62
Hexachloroethane
Concen: 0.444 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. -0.000 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

Tgt Ion:117 Resp: 3092
Ion Ratio Lower Upper
117 100
201 72.7 59.6 89.4





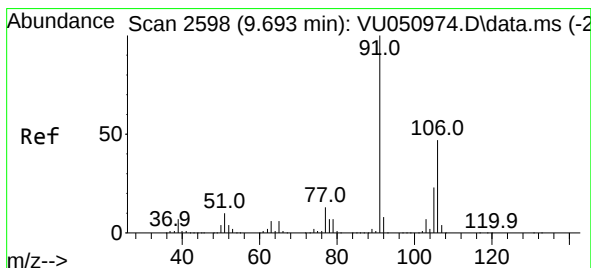
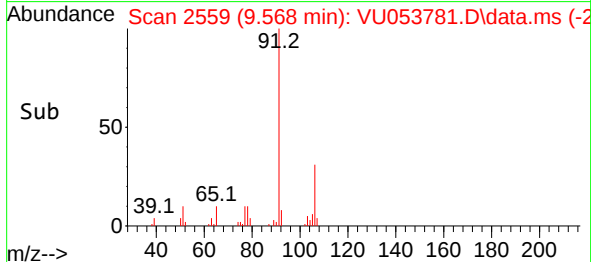
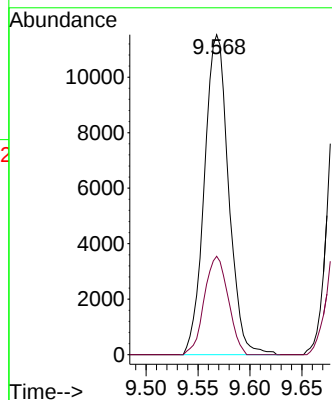
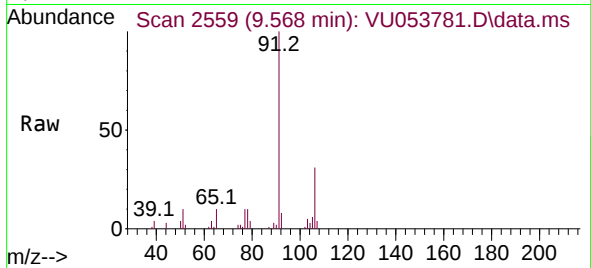
#63
Ethyl Benzene
Concen: 0.461 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 18659
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.2

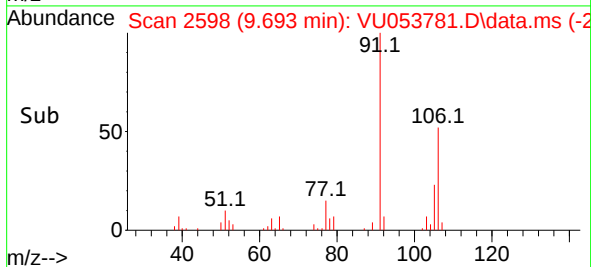
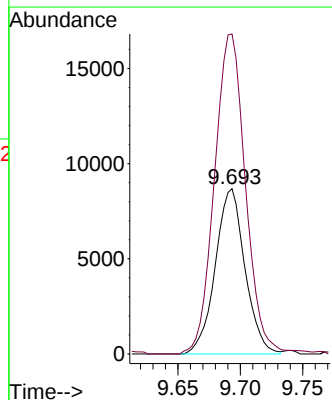
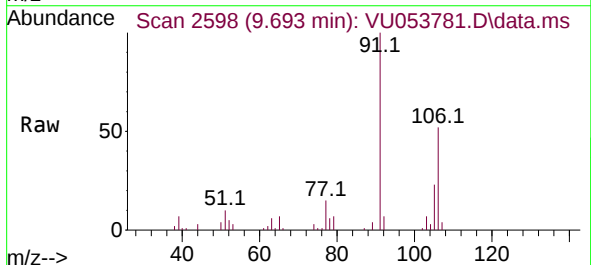
Manual Integrations
APPROVED

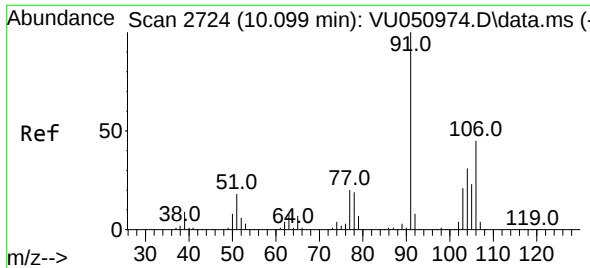
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#64
m/p-Xylenes
Concen: 0.901 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

Tgt Ion:106 Resp: 14373
Ion Ratio Lower Upper
106 100
91 203.3 167.3 250.9





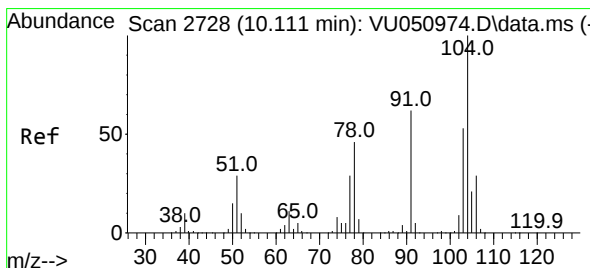
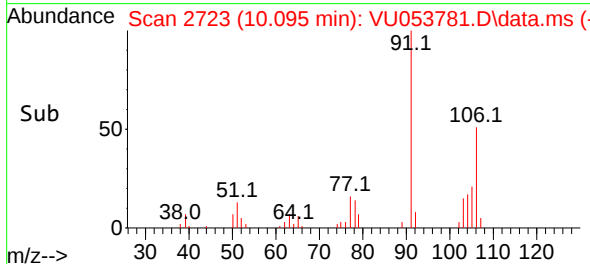
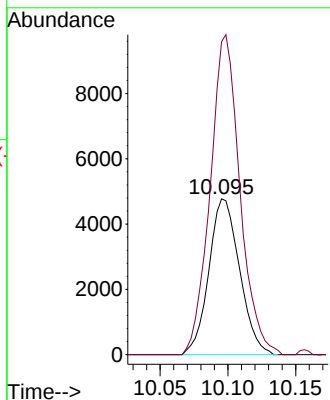
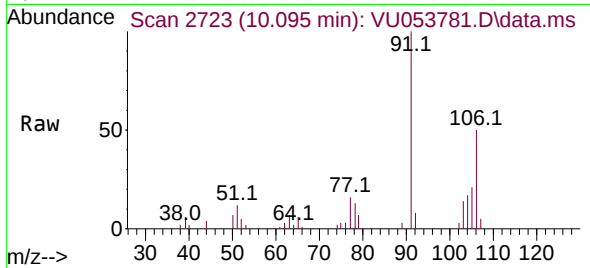
#65
o-Xylene
Concen: 0.468 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. -0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:106 Resp: 7520
Ion Ratio Lower Upper
106 100
91 199.0 109.3 327.9

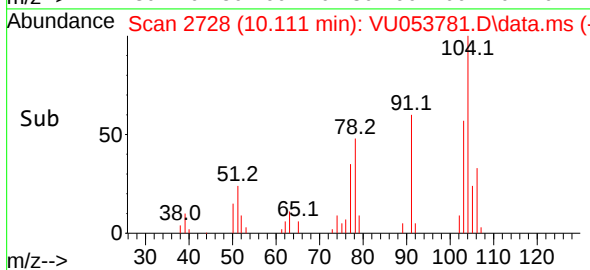
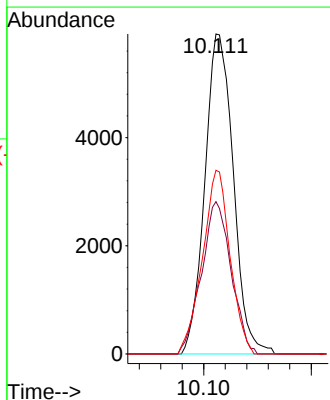
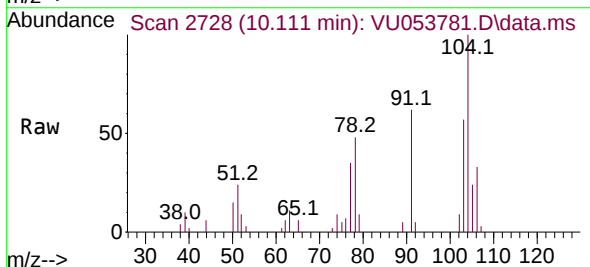
Manual Integrations
APPROVED

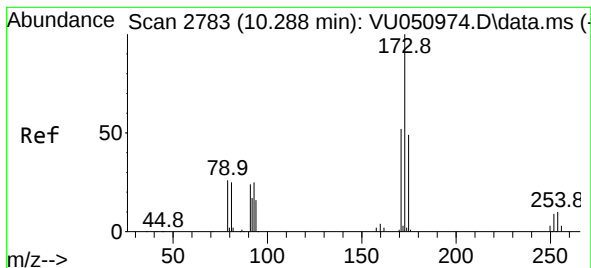
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#66
Styrene
Concen: 0.426 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

Tgt Ion:104 Resp: 10878
Ion Ratio Lower Upper
104 100
78 49.5 39.7 59.5
103 55.6 44.8 67.2





#67

Bromoform

Concen: 0.429 ug/l

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU053781.D

Acq: 19 Apr 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

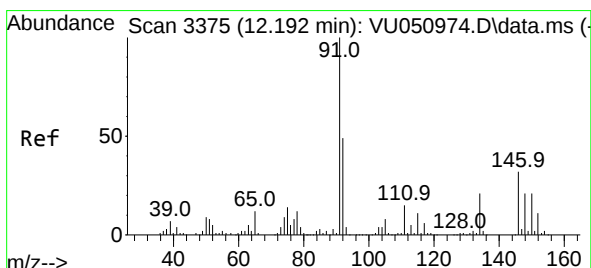
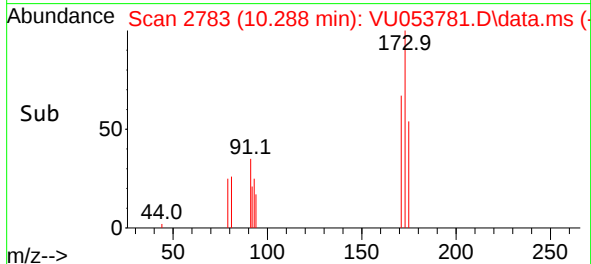
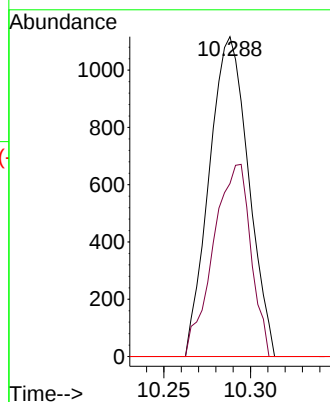
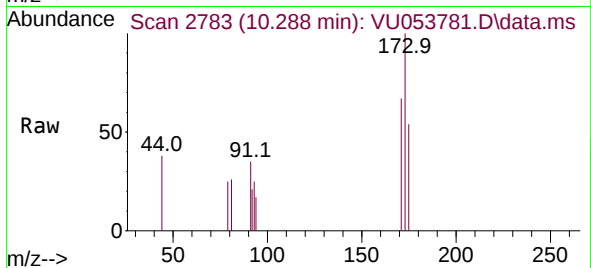
Tgt Ion:173	Resp:	175
Ion Ratio	Lower	Upper
173	100	
175	57.4	39.0 58.6
254	0.0	7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#68

1,2-Dichlorobenzene-d4

Concen: 0.887 ug/l

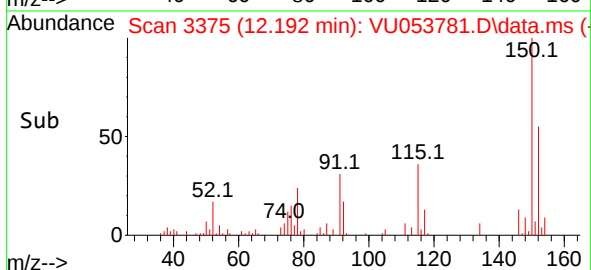
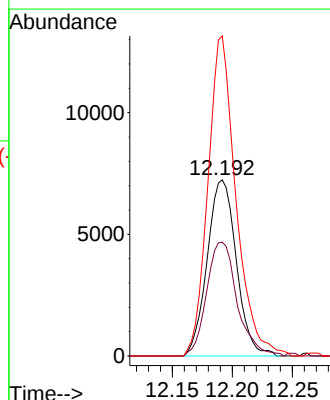
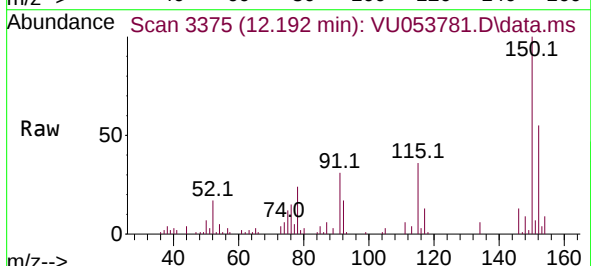
RT: 12.192 min Scan# 3375

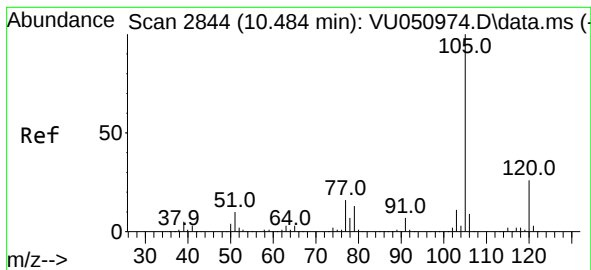
Delta R.T. 0.003 min

Lab File: VU053781.D

Acq: 19 Apr 2023 14:03

Tgt Ion:152	Resp:	12227
Ion Ratio	Lower	Upper
152	100	
115	67.6	0.0 308.8
150	174.6	0.0 635.0





#69

Isopropylbenzene

Concen: 0.432 ug/l

RT: 10.484 min Scan# 2844

Delta R.T. 0.003 min

Lab File: VU053781.D

Acq: 19 Apr 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion:105 Resp: 1815

Ion Ratio Lower Upper

105 100

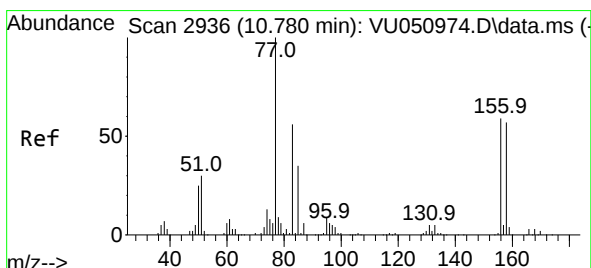
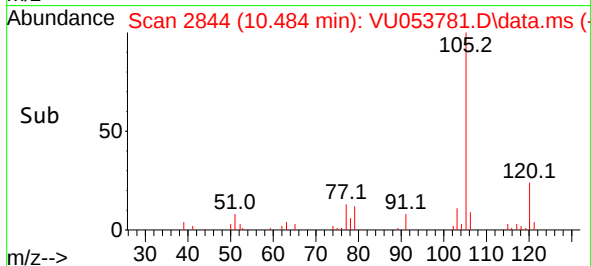
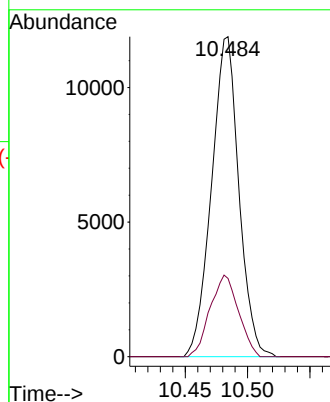
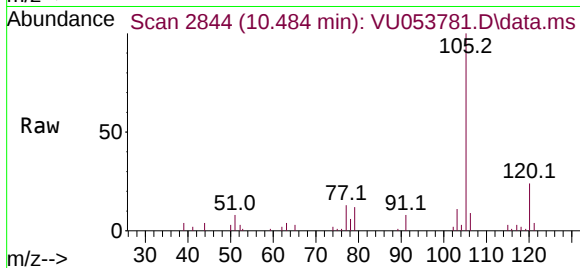
120 26.4 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#70

1,1,2,2-Tetrachloroethane

Concen: 0.535 ug/l

RT: 10.780 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VU053781.D

Acq: 19 Apr 2023 14:03

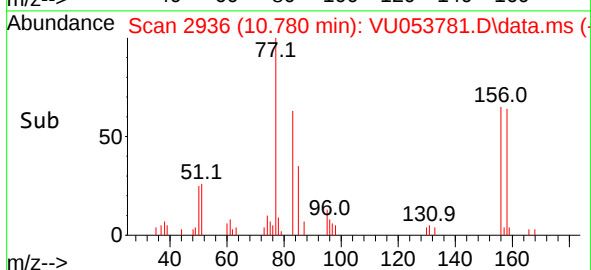
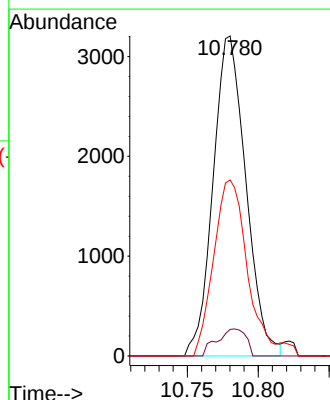
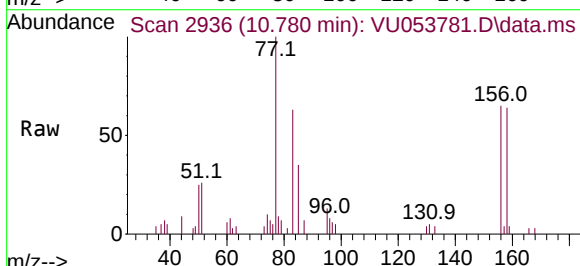
Tgt Ion: 83 Resp: 5156

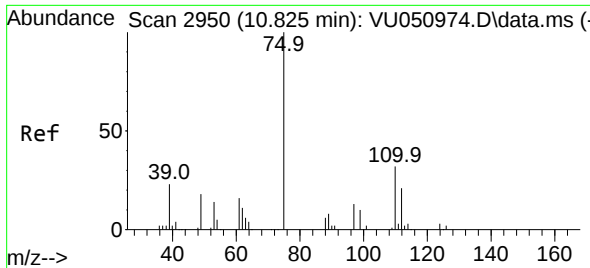
Ion Ratio Lower Upper

83 100

131 7.4 7.2 10.8

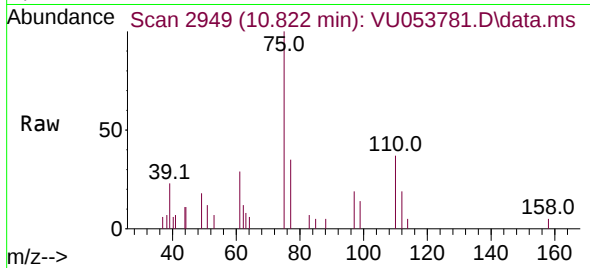
85 55.8 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 0.500 ug/l m
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

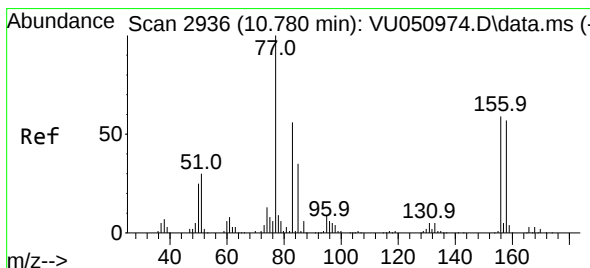
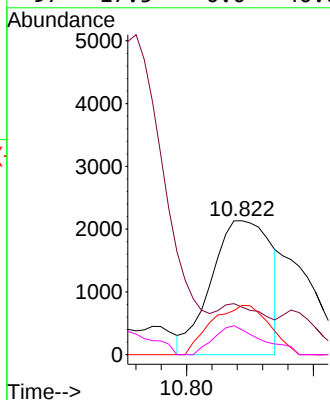
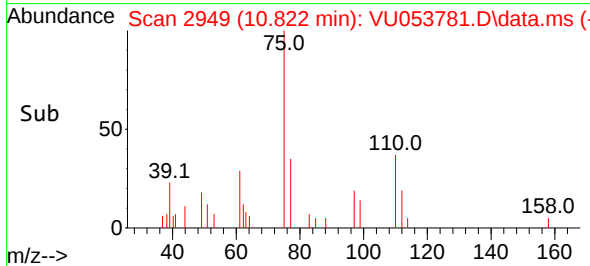
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion:	75	Resp:	347
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	116.4
110	36.2	0.0	74.6
97	17.5	0.0	40.0

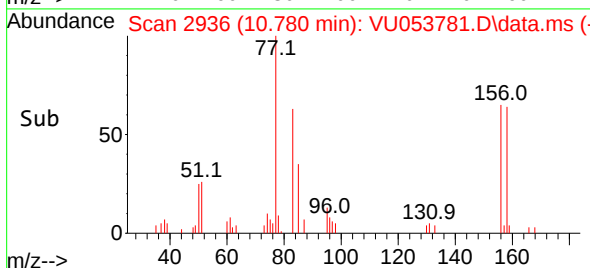
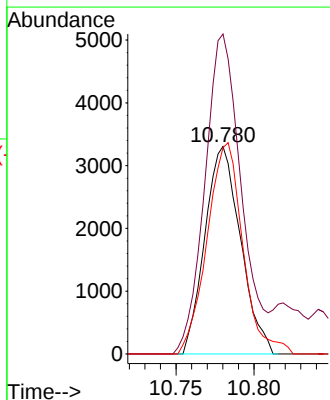
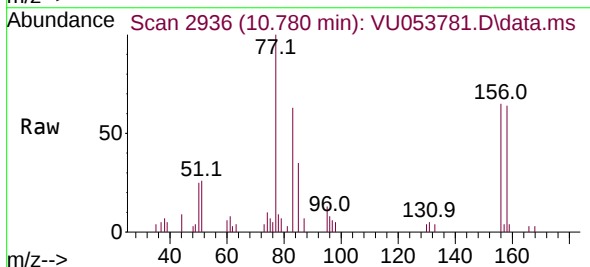
Manual Integrations
APPROVED

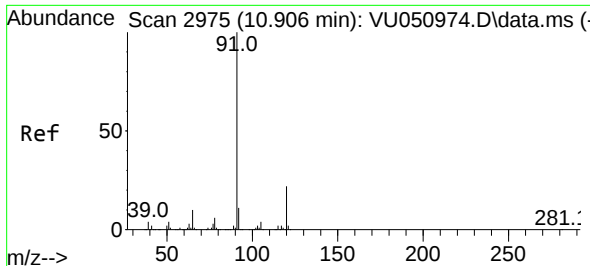
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#72
Bromobenzene
Concen: 0.487 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

Tgt Ion:	156	Resp:	5247
Ion Ratio	Lower	Upper	
156	100		
77	157.8	0.0	343.0
158	102.2	0.0	194.8





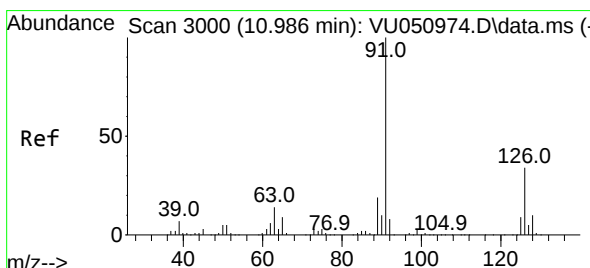
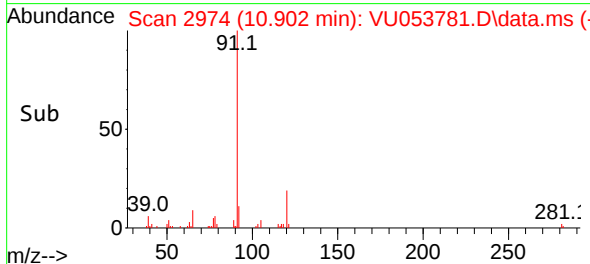
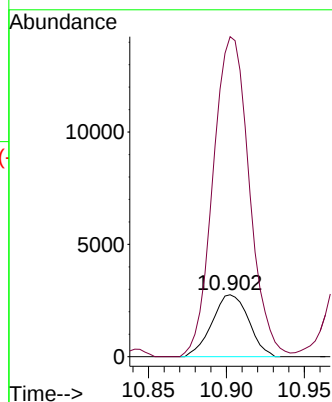
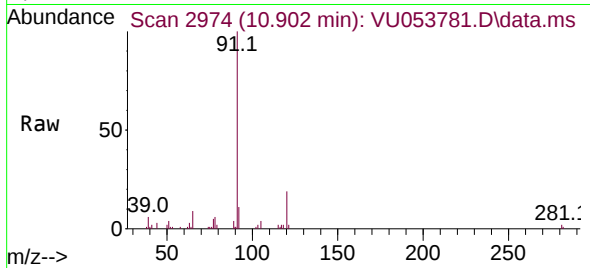
#73
n-propylbenzene
Concen: 0.386 ug/l
RT: 10.902 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:120 Resp: 450
Ion Ratio Lower Upper
120 100
91 510.7 369.8 554.6

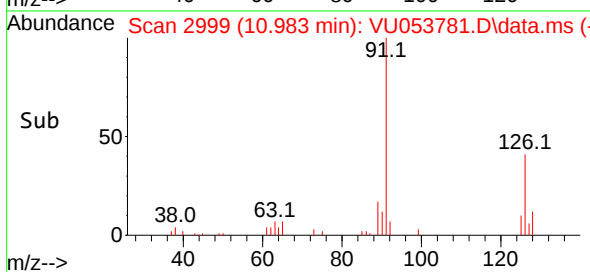
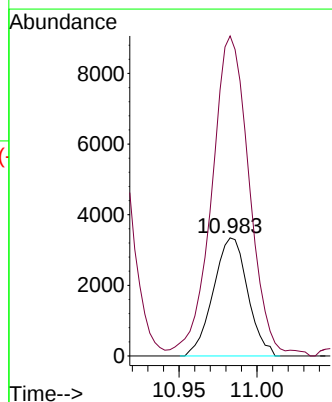
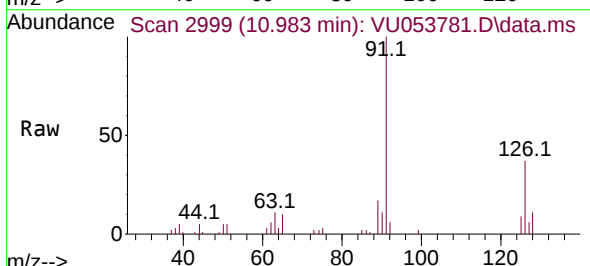
Manual Integrations
APPROVED

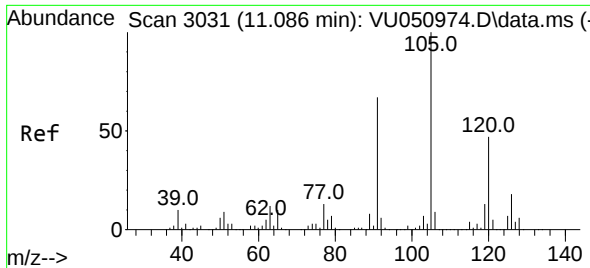
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#74
2-Chlorotoluene
Concen: 0.465 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

Tgt Ion:126 Resp: 5124
Ion Ratio Lower Upper
126 100
91 296.9 0.0 610.0





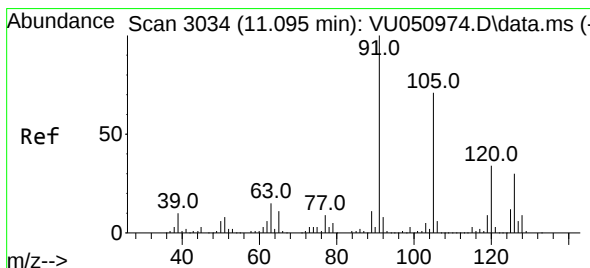
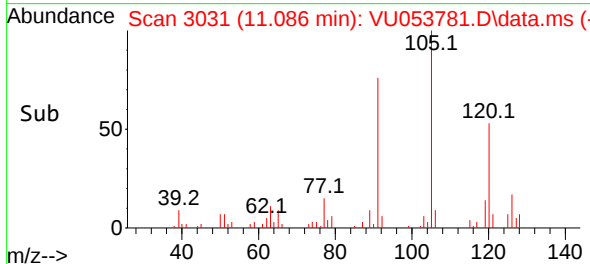
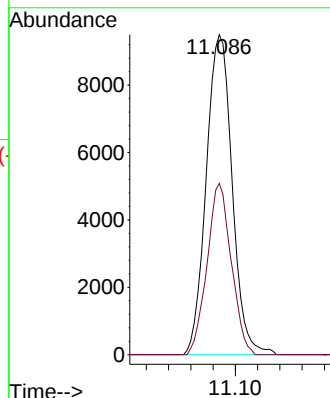
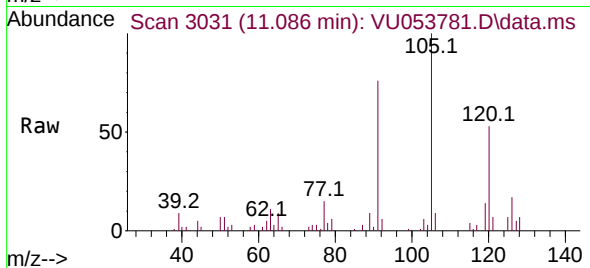
#75
1,3,5-Trimethylbenzene
Concen: 0.419 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 1536
Ion Ratio Lower Upper
105 100
120 49.8 37.8 56.8

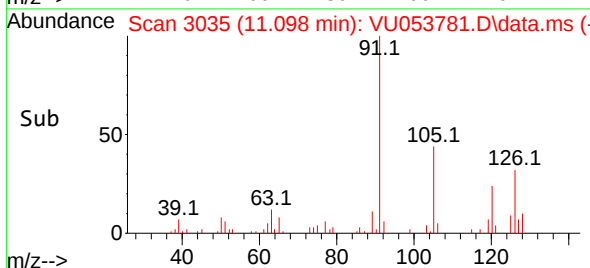
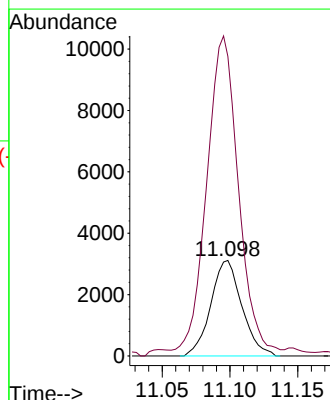
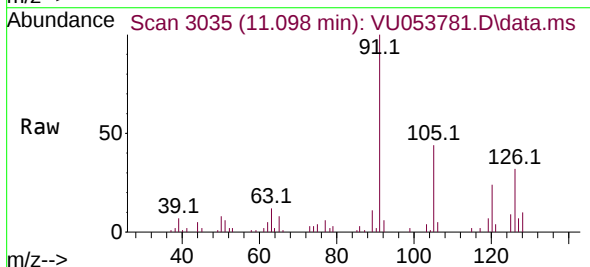
Manual Integrations
APPROVED

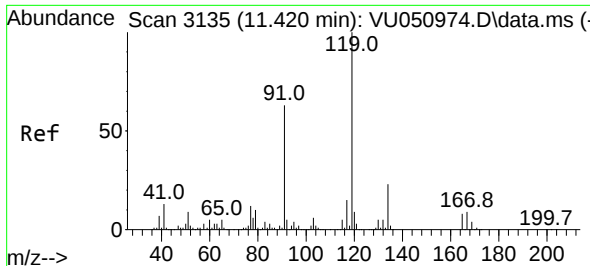
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#76
4-Chlorotoluene
Concen: 0.442 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. 0.006 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

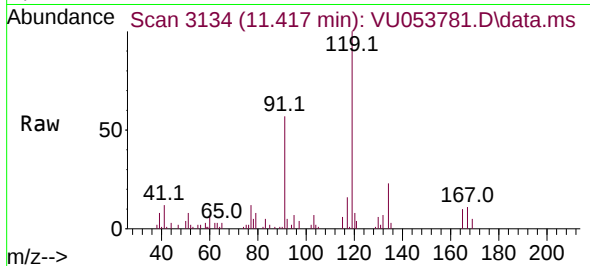
Tgt Ion:126 Resp: 4961
Ion Ratio Lower Upper
126 100
91 327.1 0.0 686.2





#77
tert-Butylbenzene
Concen: 0.450 ug/l
RT: 11.417 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

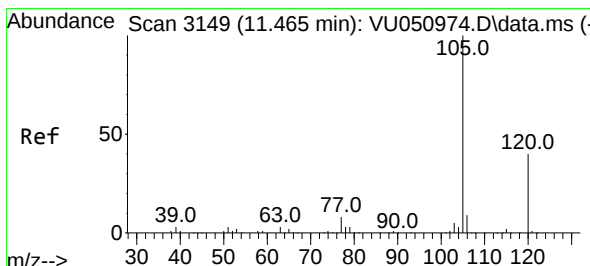
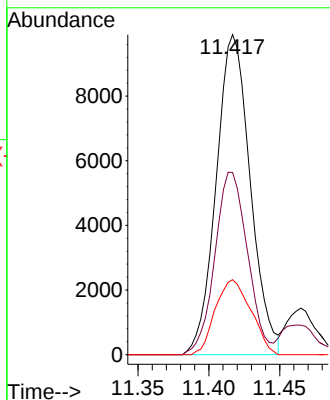
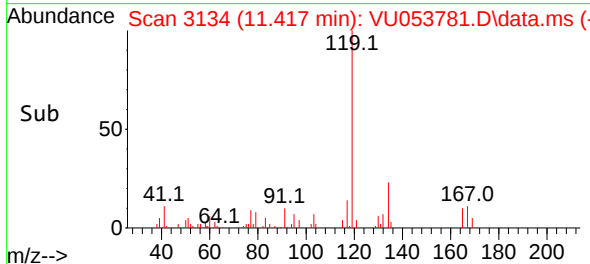
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



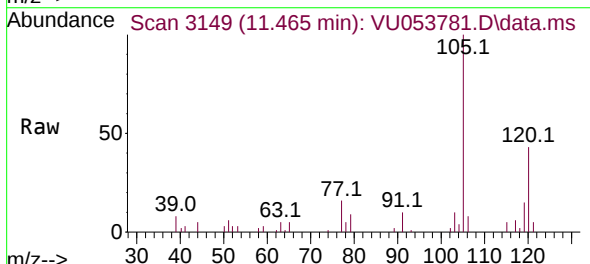
Tgt Ion:119 Resp: 1660
Ion Ratio Lower Upper
119 100
91 54.9 30.8 92.4
134 24.4 18.0 27.0

Manual Integrations
APPROVED

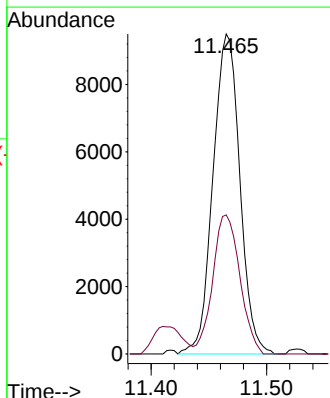
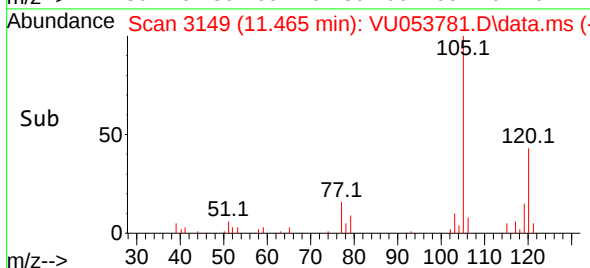
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

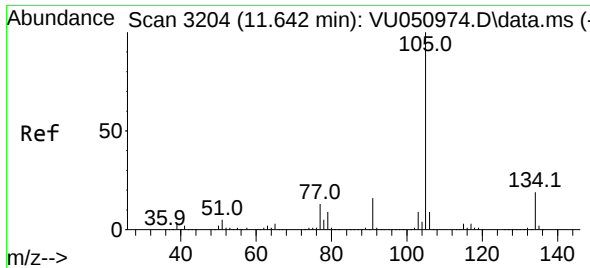


#78
1,2,4-Trimethylbenzene
Concen: 0.410 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03



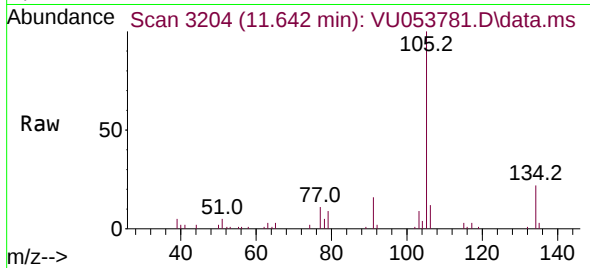
Tgt Ion:105 Resp: 15328
Ion Ratio Lower Upper
105 100
120 44.1 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 0.435 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU053781.D
 Acq: 19 Apr 2023 14:03

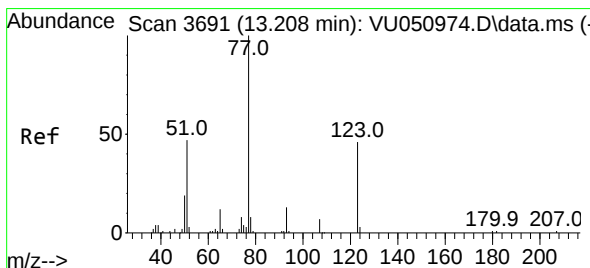
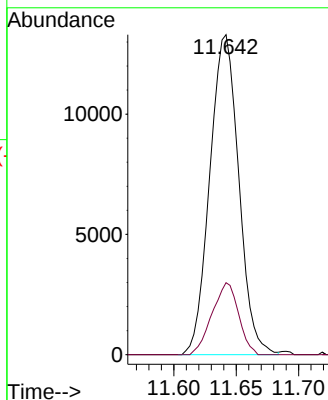
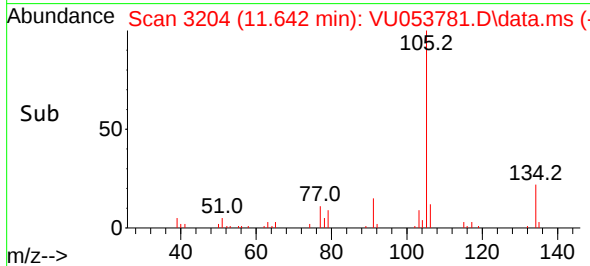
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



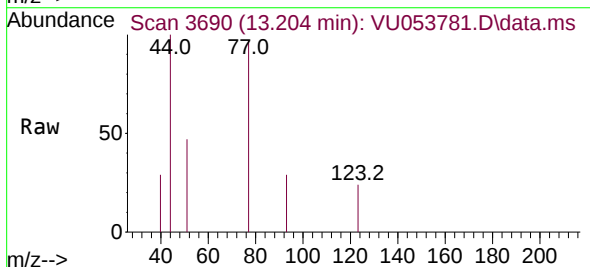
Tgt Ion:105 Resp: 2155
 Ion Ratio Lower Upper
 105 100
 134 20.5 14.9 22.3

Manual Integrations
 APPROVED

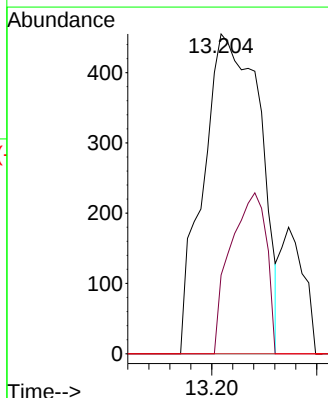
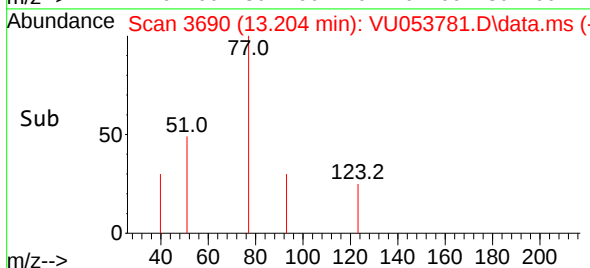
Reviewed By :Krupa Patel 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023

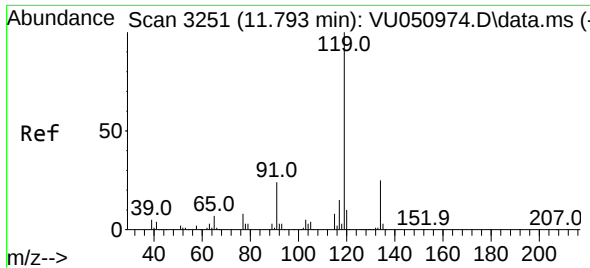


#80
 Nitrobenzene
 Concen: 2.809 ug/l m
 RT: 13.204 min Scan# 3690
 Delta R.T. 0.003 min
 Lab File: VU053781.D
 Acq: 19 Apr 2023 14:03



Tgt Ion: 77 Resp: 858
 Ion Ratio Lower Upper
 77 100
 123 31.7 19.7 69.7
 65 0.0 11.5 14.7#





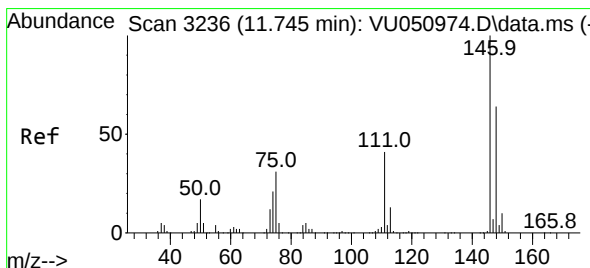
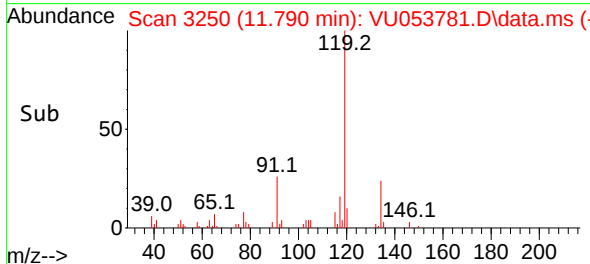
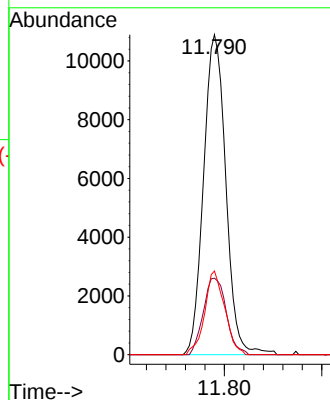
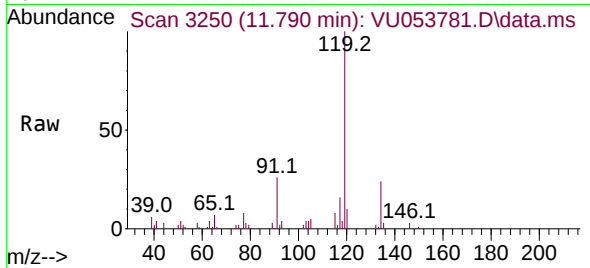
#81
p-Isopropyltoluene
Concen: 0.425 ug/l
RT: 11.790 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.6	20.2	30.4
91	23.5	19.3	28.9

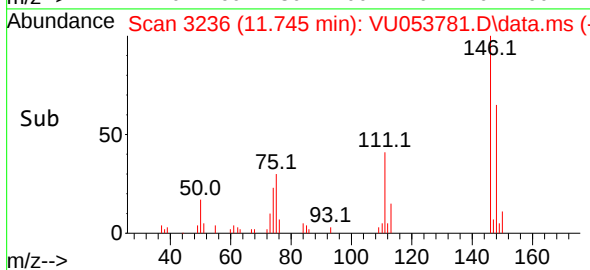
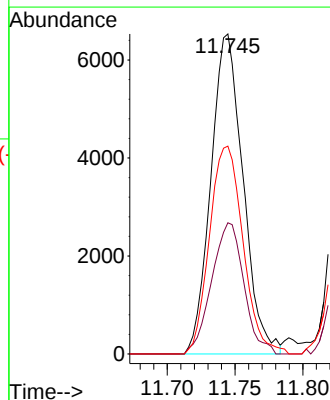
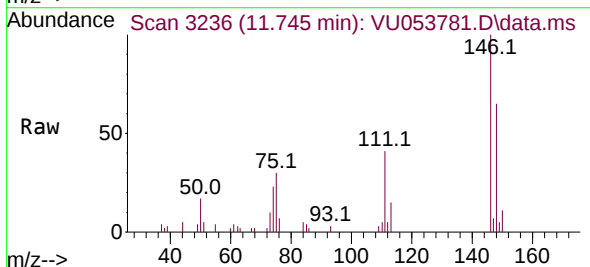
Manual Integrations
APPROVED

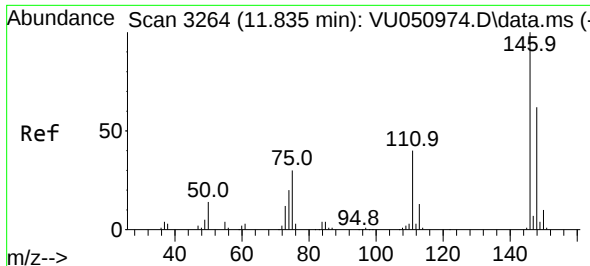
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#82
1,3-Dichlorobenzene
Concen: 0.469 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

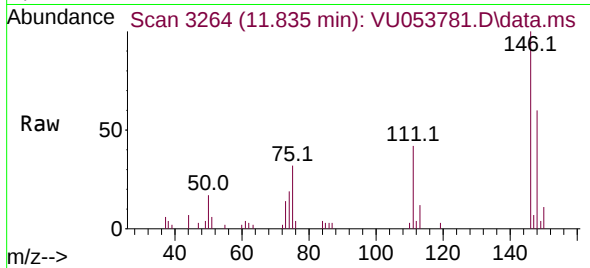
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	32.6	49.0
148	67.6	51.0	76.4





#83
1,4-Dichlorobenzene
Concen: 0.466 ug/l
RT: 11.835 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

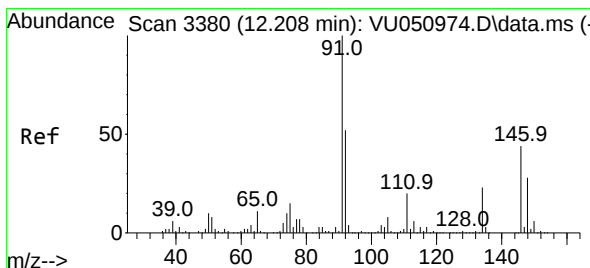
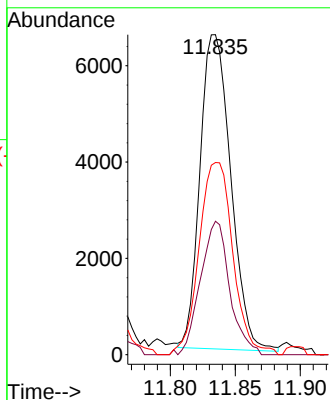
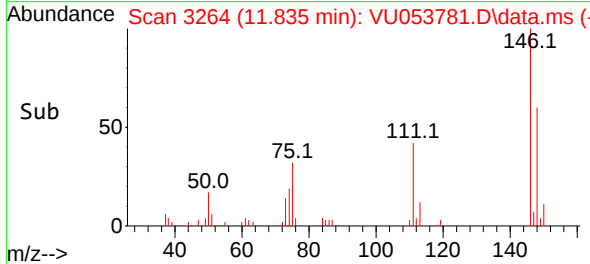
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



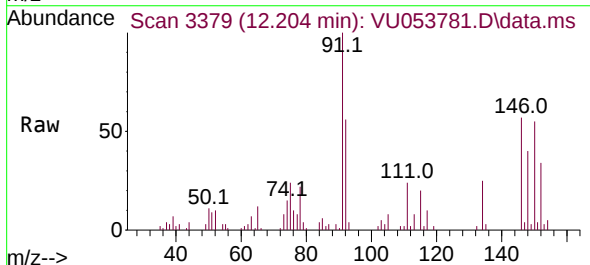
Tgt Ion:146 Resp: 10782
Ion Ratio Lower Upper
146 100
111 40.3 31.6 47.4
148 67.1 50.3 75.5

Manual Integrations
APPROVED

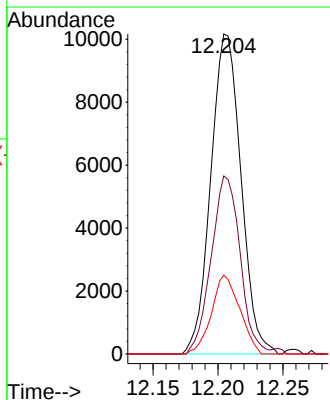
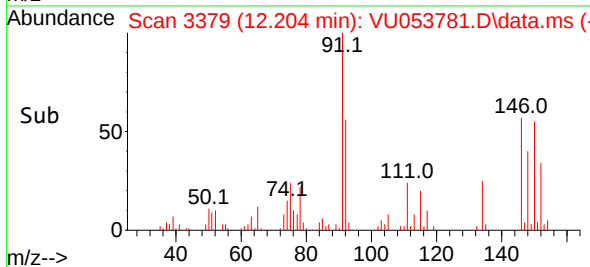
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

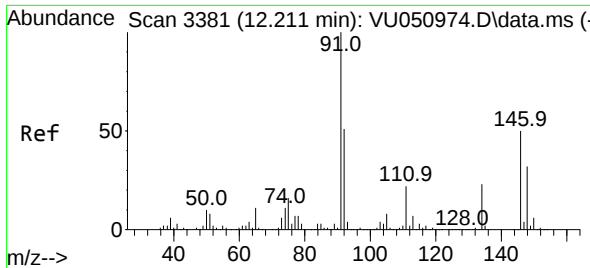


#84
n-Butylbenzene
Concen: 0.666 ug/l
RT: 12.204 min Scan# 3379
Delta R.T. -0.001 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03



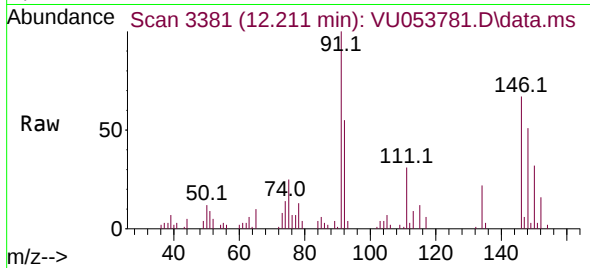
Tgt Ion: 91 Resp: 16427
Ion Ratio Lower Upper
91 100
92 53.2 40.8 61.2
134 23.0 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 0.480 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

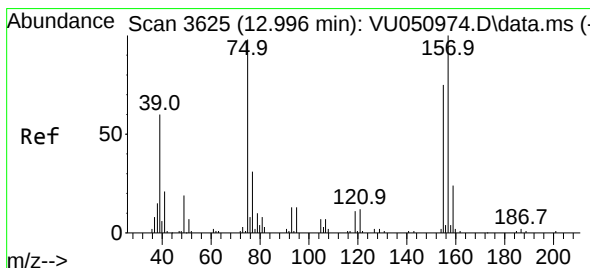
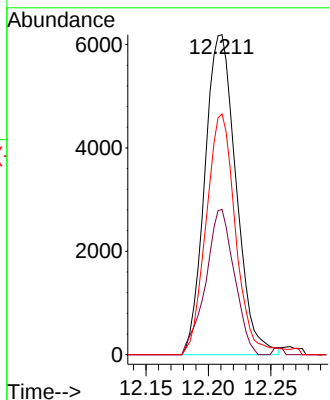
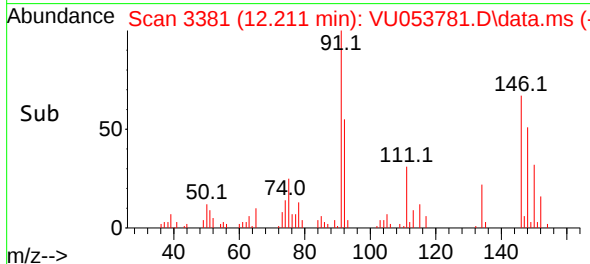
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



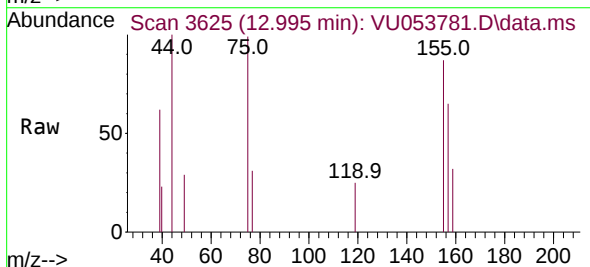
Tgt Ion: 146 Resp: 1081
Ion Ratio Lower Upper
146 100
111 41.4 21.6 64.6
148 71.1 32.1 96.5

Manual Integrations
APPROVED

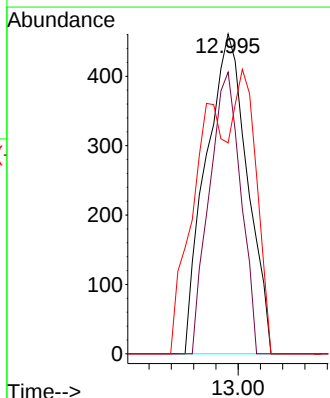
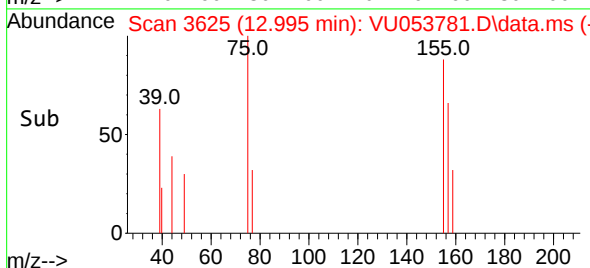
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

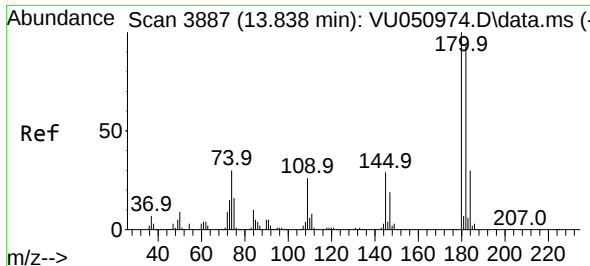


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.438 ug/l
RT: 12.995 min Scan# 3625
Delta R.T. 0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03



Tgt Ion: 75 Resp: 594
Ion Ratio Lower Upper
75 100
155 66.8 61.8 92.8
157 49.7 80.2 120.4#





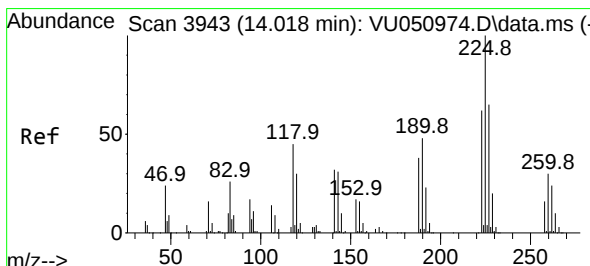
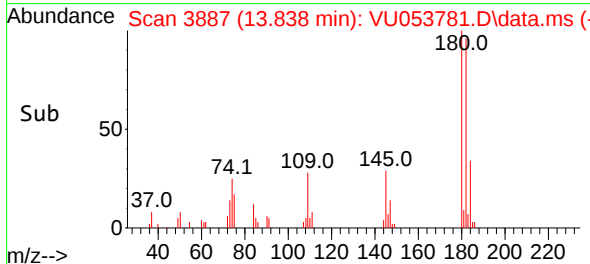
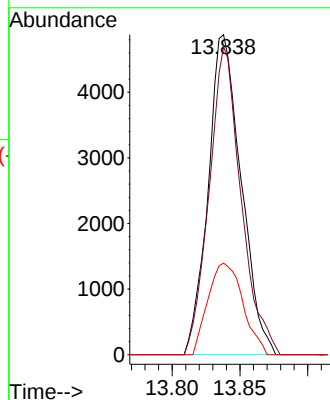
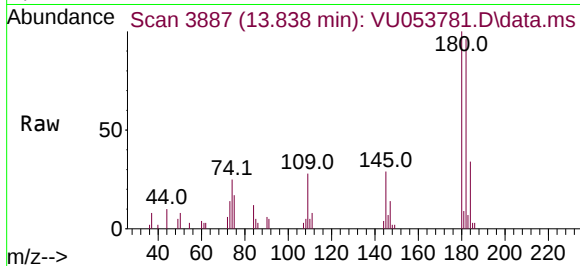
#87
1,2,4-Trichlorobenzene
Concen: 0.554 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:180 Resp: 825
Ion Ratio Lower Upper
180 100
182 93.2 75.8 113.6
145 30.2 23.9 35.9

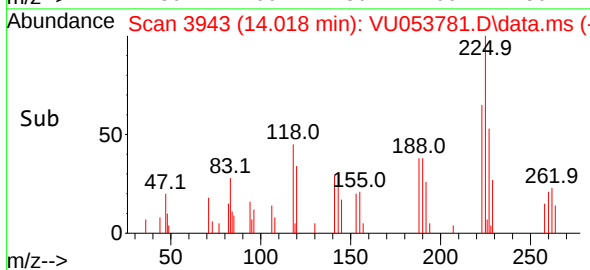
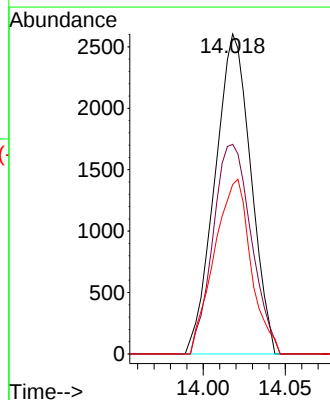
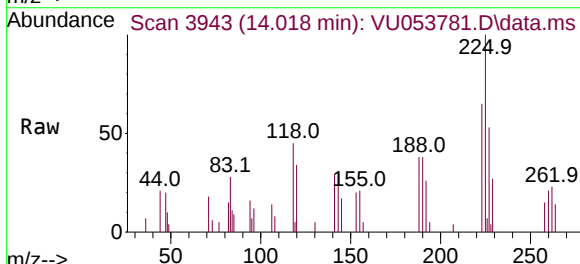
Manual Integrations
APPROVED

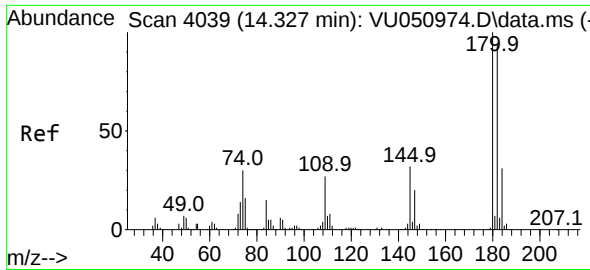
Reviewed By :Krupa Patel 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#88
Hexachlorobutadiene
Concen: 0.497 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU053781.D
Acq: 19 Apr 2023 14:03

Tgt Ion:225 Resp: 3952
Ion Ratio Lower Upper
225 100
223 69.9 50.2 75.4
227 55.9 51.5 77.3





#90

1,2,3-Trichlorobenzene

Concen: 0.565 ug/l

RT: 14.330 min Scan# 40

Delta R.T. 0.006 min

Lab File: VU053781.D

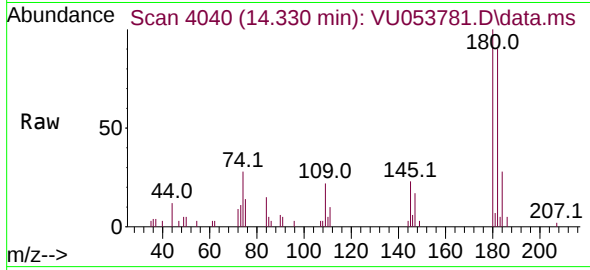
Acq: 19 Apr 2023 14:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5



Tgt Ion:180 Resp: 800

Ion Ratio Lower Upper

180 100

182 93.8 75.7 113.5

145 26.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023

