

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012323\
 Data File : VU052771.D
 Acq On : 23 Jan 2023 10:51
 Operator : JC/MD
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/24/2023
 Supervised By :Mahesh Dadoda 01/24/2023

Quant Time: Jan 24 04:33:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jan 24 04:32:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	47962	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	15806	0.922	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	15224	0.748	ug/l	0.00
Spiked Amount 1.000			Recovery	=	75.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	6741	0.396	ug/l	98
3) Chloromethane	1.520	50	7076	0.382	ug/l	99
4) Vinyl Chloride	1.604	62	6321	0.379	ug/l	98
5) Bromomethane	1.858	94	3445	0.337	ug/l	89
6) Chloroethane	1.935	64	3951	0.386	ug/l	94
7) Trichlorofluoromethane	2.137	101	8484	0.377	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	4942	0.384	ug/l	100
9) 1,1-Dichloroethene	2.581	96	4498	0.353	ug/l	86
10) Iodomethane	2.723	142	4522	0.468	ug/l	89
11) Allyl Chloride	2.922	41	5349	0.311	ug/l	96
12) Acrylonitrile	3.321	53	1880	0.595	ug/l	# 95
13) Acetone	2.639	43	7090	2.605	ug/l	91
14) Carbon Disulfide	2.793	76	16390	0.403	ug/l	# 91
15) Methylene Chloride	3.044	84	6858	0.340	ug/l	90
16) trans-1,2-Dichloroethene	3.350	96	4784	0.342	ug/l	99
17) 1,1-Dichloroethane	3.867	63	8421	0.366	ug/l	97
18) 2-Butanone	4.723	43	8183	2.333	ug/l	96
19) Cyclohexane	5.385	56	7740m	0.440	ug/l	
20) Methylcyclohexane	6.758	83	7782	0.391	ug/l	91
21) 2,2-Dichloropropane	4.662	77	8125	0.425	ug/l	99
22) cis-1,2-Dichloroethene	4.662	96	5409	0.378	ug/l	96
23) Diethyl Ether	2.375	59	3030	0.320	ug/l	# 88
24) tert-Butyl Alcohol	3.234	59	3927m	3.820	ug/l	
25) Methyl tert-Butyl Ether	3.363	73	10012	0.320	ug/l	94
26) Bromochloromethane	4.964	128	2537	0.359	ug/l	86
27) Chloroform	5.089	83	9367	0.383	ug/l	95
28) 1,1,1-Trichloroethane	5.311	97	8418	0.401	ug/l	96
29) 1,1-Dichloropropene	5.520	75	6972	0.395	ug/l	99
30) Carbon Tetrachloride	5.520	117	7034	0.382	ug/l	97
31) Isopropyl Ether	3.996	45	13024	0.409	ug/l	98
32) Ethyl-t-butyl ether	4.507	59	11442	0.372	ug/l	98
33) Tert-Amyl methyl ether	5.948	73	9547	0.345	ug/l	98
34) Propionitrile	4.793	54	1748m	1.619	ug/l	
35) Benzene	5.771	78	20544	0.390	ug/l	99
36) 1,2-Dichloroethane	5.793	62	6223	0.400	ug/l	# 95
37) Trichloroethene	6.539	130	5587	0.368	ug/l	89
38) 1,2-Dichloropropane	6.790	63	4990	0.372	ug/l	100
39) Methacrylonitrile	4.977	41	1415	0.365	ug/l	# 91
40) Methyl acrylate	4.842	55	2535m	0.394	ug/l	
41) Tetrahydrofuran	5.073	42	1506	0.698	ug/l	# 71
42) 1-Chlorobutane	5.456	56	9591	0.424	ug/l	98
43) Dibromomethane	6.919	93	2398	0.318	ug/l	96
44) Bromodichloromethane	7.108	83	7144	0.400	ug/l	# 99

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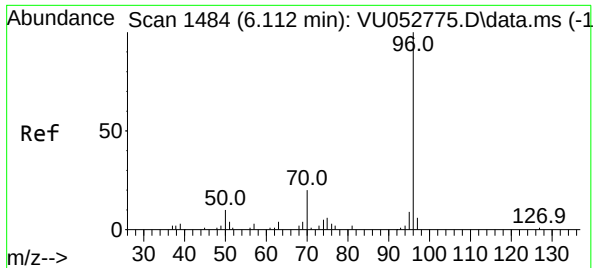
Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/24/2023
 Supervised By :Mahesh Dadoda 01/24/2023

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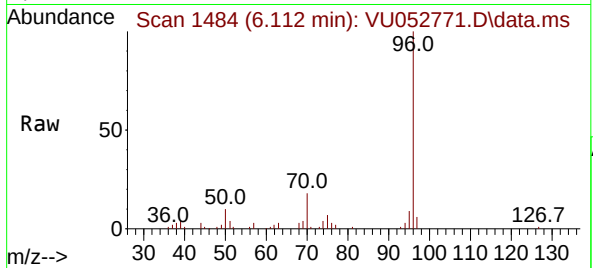
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	12583	1.614	ug/l	97
46) t-1,4-Dichloro-2-butene	10.825	75	2830m	0.762	ug/l	
47) Methyl methacrylate	6.964	69	4264	0.690	ug/l	97
48) Ethyl methacrylate	8.333	69	3724	0.328	ug/l	98
49) Toluene	7.967	92	11546	0.361	ug/l	93
50) t-1,3-Dichloropropene	8.211	75	5936	0.376	ug/l	94
51) cis-1,3-Dichloropropene	7.607	75	7749	0.426	ug/l	91
52) 1,1,2-Trichloroethane	8.401	97	3422	0.320	ug/l	95
53) 1,3-Dichloropropane	8.575	76	6110	0.344	ug/l #	87
54) 2-Hexanone	8.687	43	11062	1.912	ug/l	98
55) Dibromochloromethane	8.809	129	4716	0.366	ug/l	99
56) 1,2-Dibromoethane	8.922	107	3228	0.317	ug/l	92
58) Tetrachloroethene	8.549	164	5148	0.379	ug/l	95
59) Chlorobenzene	9.446	112	13230	0.354	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.533	131	4911	0.368	ug/l	98
61) Pentachloroethane	11.423	117	4142	0.371	ug/l	98
62) Hexachloroethane	12.471	117	4279	0.413	ug/l	93
63) Ethyl Benzene	9.565	91	19343	0.333	ug/l	98
64) m/p-Xylenes	9.693	106	15400	0.666	ug/l	98
65) o-Xylene	10.099	106	7591	0.343	ug/l	98
66) Styrene	10.111	104	11085	0.299	ug/l	97
67) Bromoform	10.288	173	2956	0.367	ug/l #	92
69) Isopropylbenzene	10.481	105	18648	0.324	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.780	83	4360	0.317	ug/l	96
71) 1,2,3-Trichloropropane	10.825	75	3776m	0.349	ug/l	
72) Bromobenzene	10.780	156	5338	0.316	ug/l	98
73) n-propylbenzene	10.902	120	5102	0.312	ug/l	97
74) 2-Chlorotoluene	10.983	126	4953	0.322	ug/l	100
75) 1,3,5-Trimethylbenzene	11.086	105	14959	0.305	ug/l	97
76) 4-Chlorotoluene	11.095	126	5010	0.309	ug/l	97
77) tert-Butylbenzene	11.417	119	16673	0.336	ug/l	97
78) 1,2,4-Trimethylbenzene	11.465	105	14577	0.291	ug/l	97
79) sec-Butylbenzene	11.639	105	19556	0.301	ug/l	98
80) Nitrobenzene	13.201	77	1501	2.655	ug/l #	73
81) p-Isopropyltoluene	11.790	119	15600	0.287	ug/l	96
82) 1,3-Dichlorobenzene	11.745	146	10129	0.297	ug/l	98
83) 1,4-Dichlorobenzene	11.835	146	10625	0.311	ug/l	96
84) n-Butylbenzene	12.205	91	15128	0.295	ug/l	94
85) 1,2-Dichlorobenzene	12.211	146	10254	0.317	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.992	75	831	0.373	ug/l #	82
87) 1,2,4-Trichlorobenzene	13.838	180	5551	0.243	ug/l	93
88) Hexachlorobutadiene	14.015	225	4185	0.304	ug/l	95
89) Naphthalene	14.086	128	21345	0.594	ug/l	98
90) 1,2,3-Trichlorobenzene	14.327	180	4876	0.229	ug/l	95

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

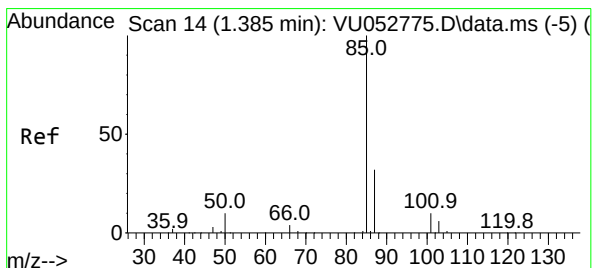
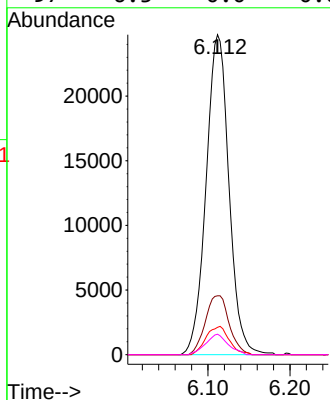
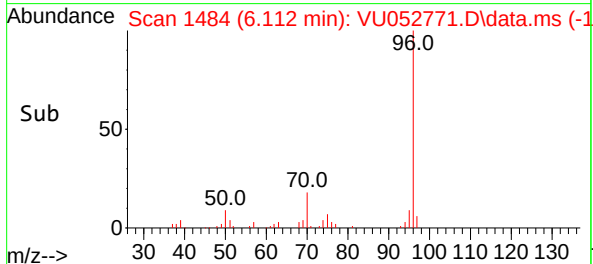
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 96 Resp: 47962
Ion Ratio Lower Upper
96 100
70 19.2 16.2 24.4
95 8.9 7.4 11.0
97 6.3 0.0 0.0#

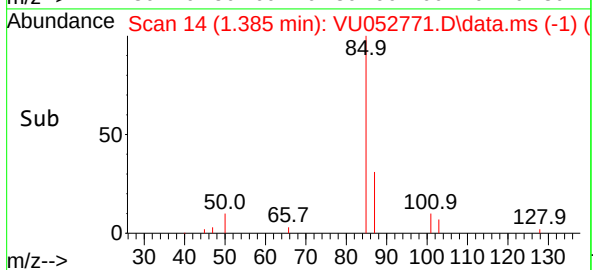
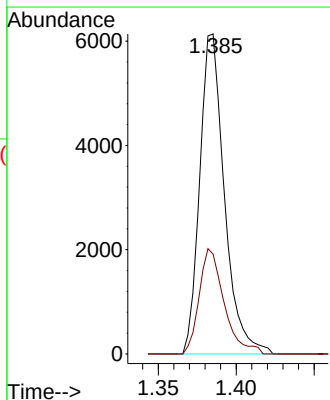
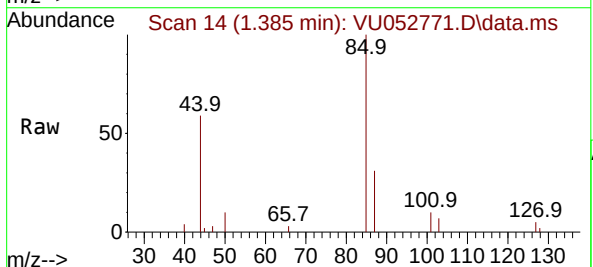
Manual Integrations
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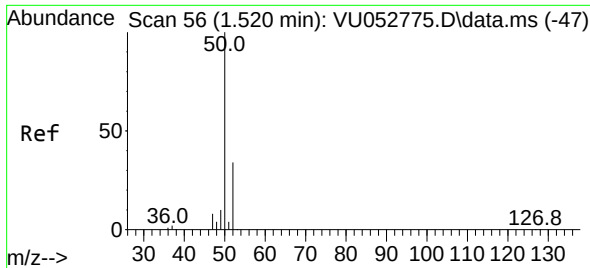
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#2
Dichlorodifluoromethane
Concen: 0.396 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion: 85 Resp: 6741
Ion Ratio Lower Upper
85 100
87 31.2 16.1 48.2





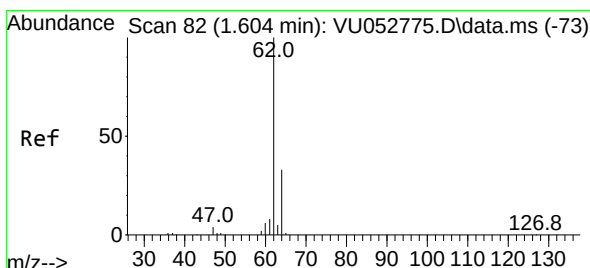
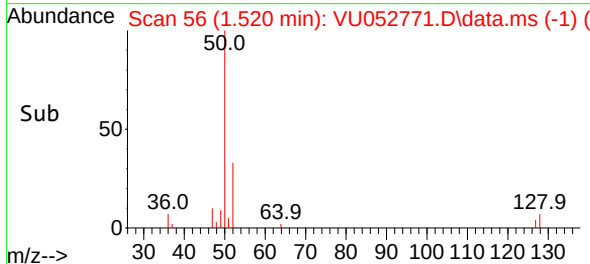
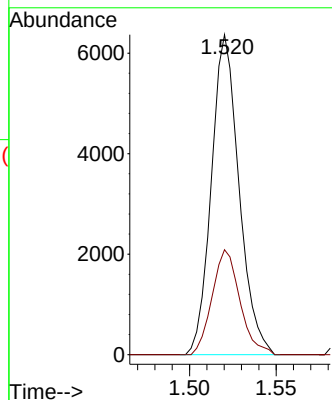
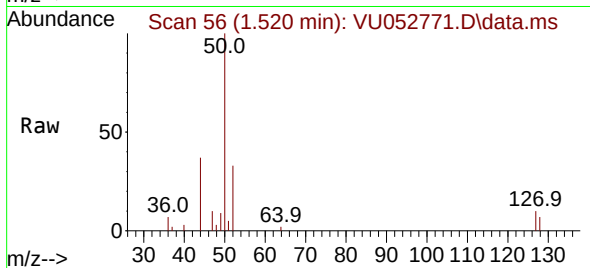
#3
Chloromethane
Concen: 0.382 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion: 50 Resp: 7070
Ion Ratio Lower Upper
50 100
52 32.8 26.8 40.2

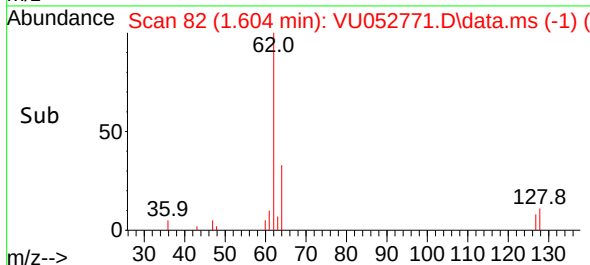
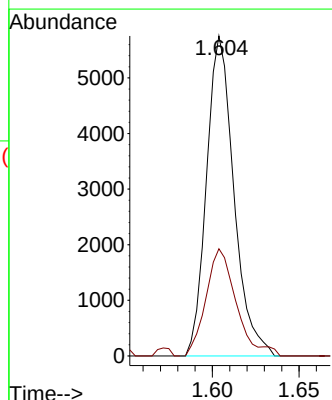
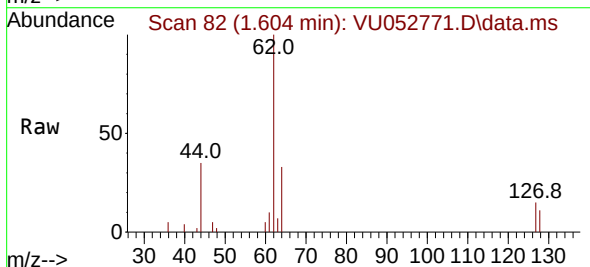
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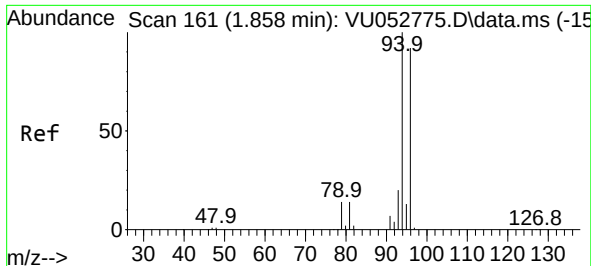
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#4
Vinyl Chloride
Concen: 0.379 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion: 62 Resp: 6321
Ion Ratio Lower Upper
62 100
64 33.5 26.0 39.0





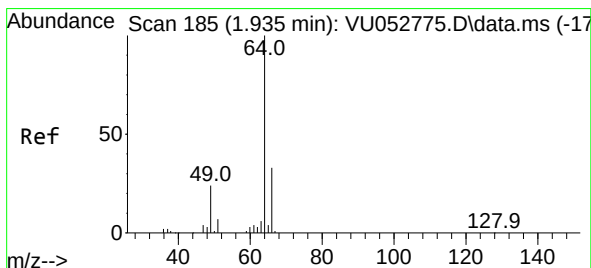
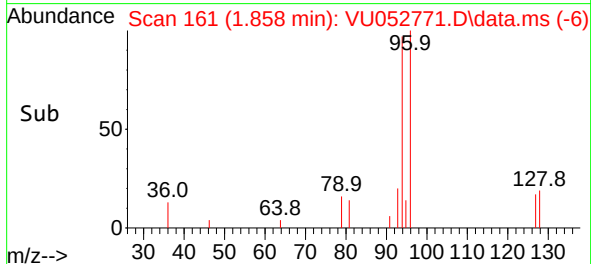
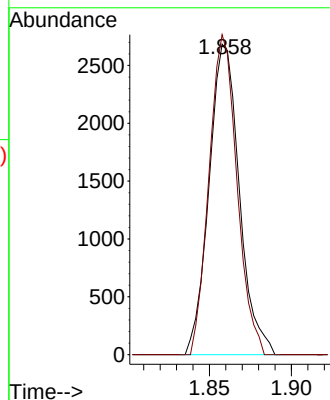
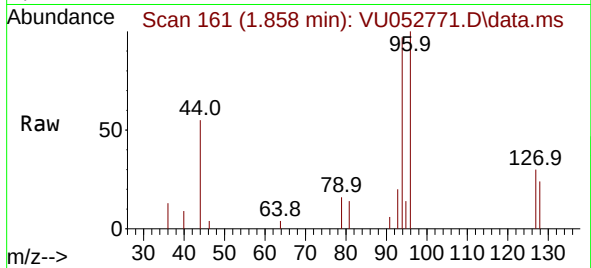
#5
Bromomethane
Concen: 0.337 ug/l
RT: 1.858 min Scan# 161
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 94 Resp: 344
Ion Ratio Lower Upper
94 100
96 103.1 73.8 110.6

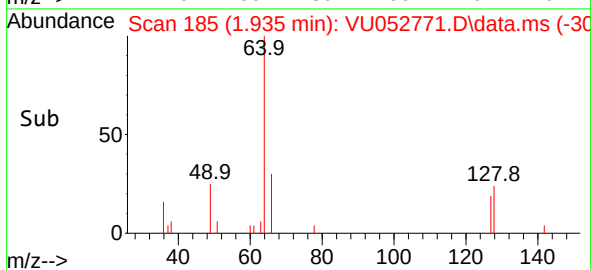
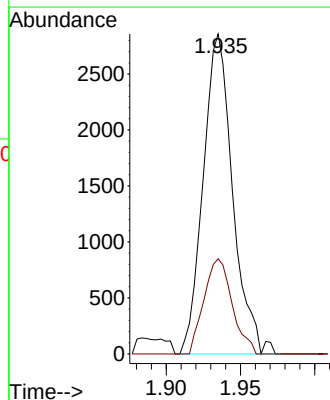
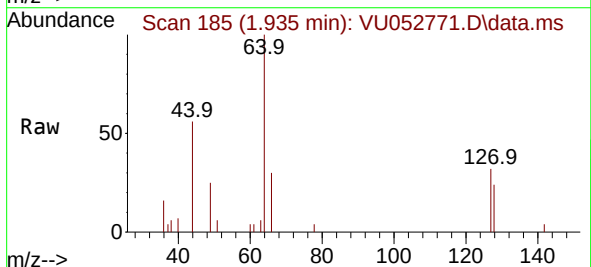
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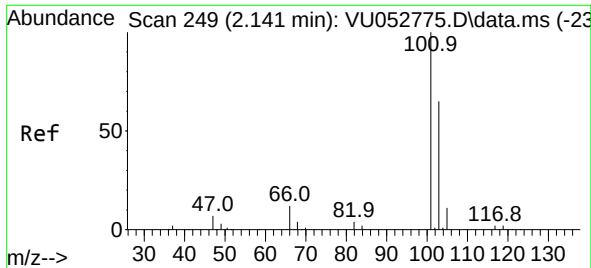
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#6
Chloroethane
Concen: 0.386 ug/l
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion: 64 Resp: 3951
Ion Ratio Lower Upper
64 100
66 29.7 26.6 40.0





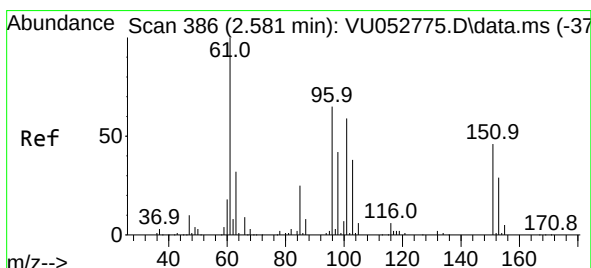
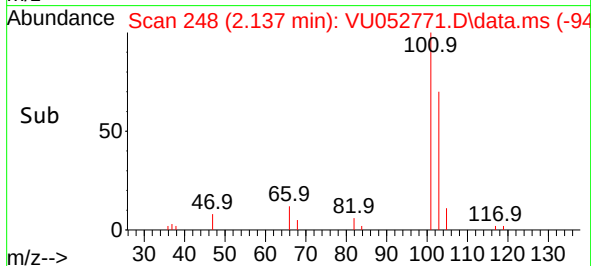
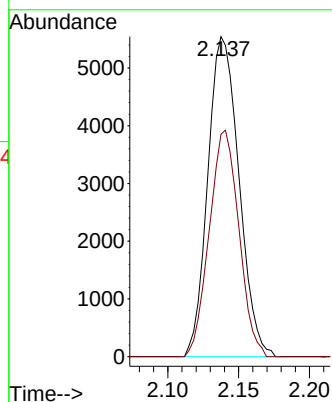
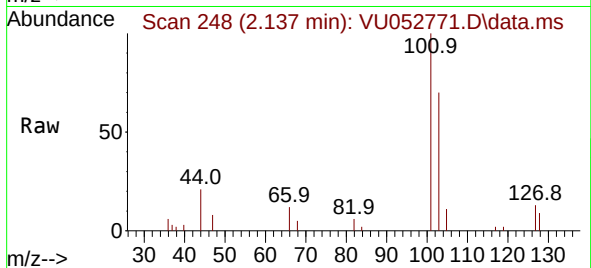
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Trichlorofluoromethane
Concen: 0.377 ug/l
RT: 2.137 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:101 Resp: 848
Ion Ratio Lower Upper
101 100
103 69.5 51.6 77.4

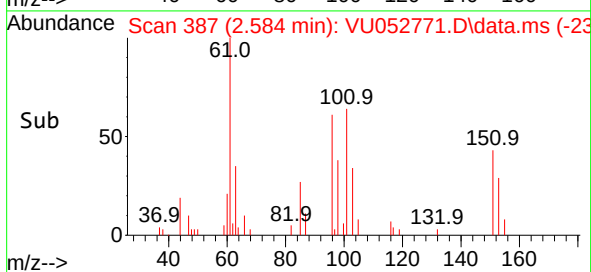
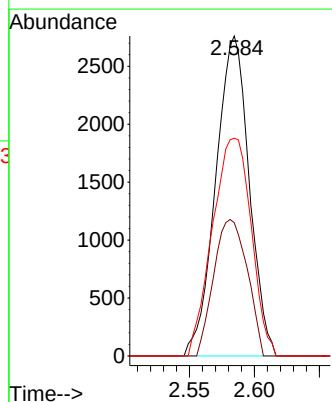
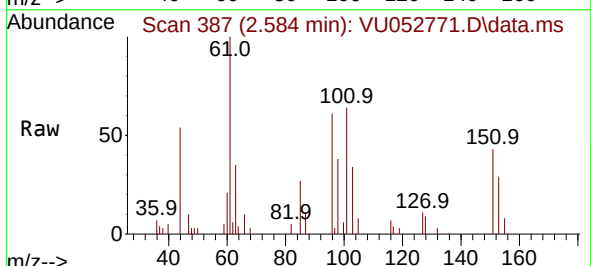
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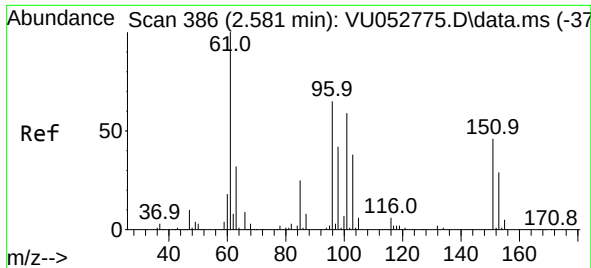
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.384 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion:101 Resp: 4942
Ion Ratio Lower Upper
101 100
85 42.7 34.1 51.1
151 78.9 63.0 94.4





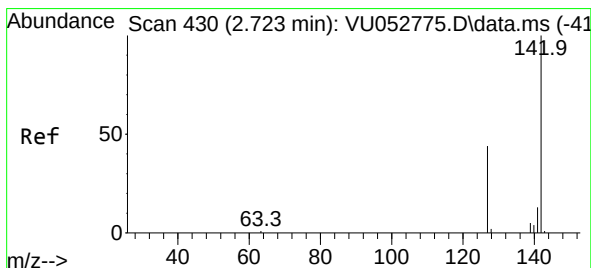
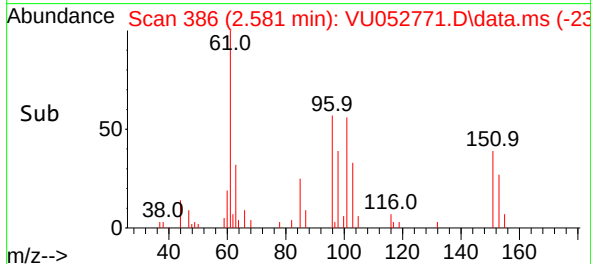
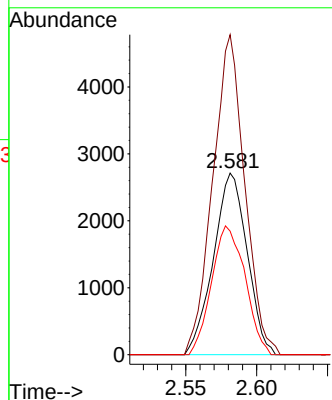
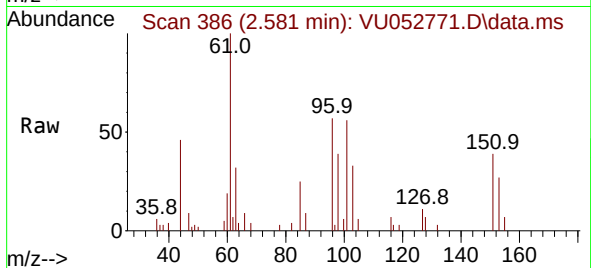
#9
1,1-Dichloroethene
Concen: 0.353 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 96 Resp: 4498
Ion Ratio Lower Upper
96 100
61 176.2 0.0 460.5
98 68.0 0.0 128.0

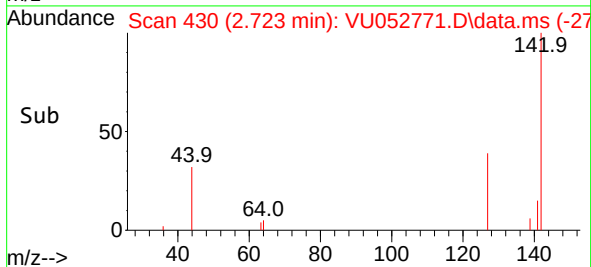
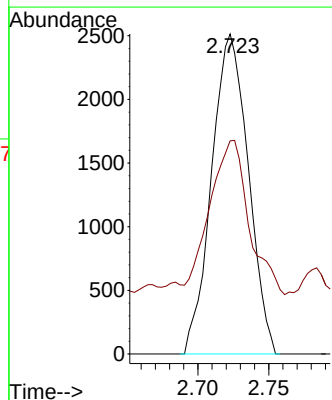
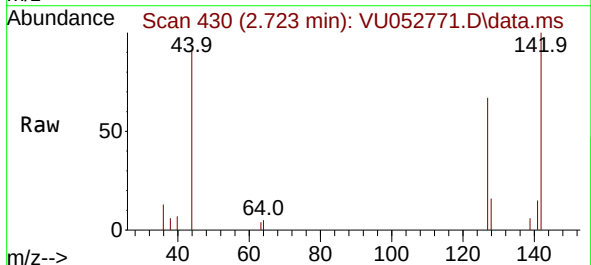
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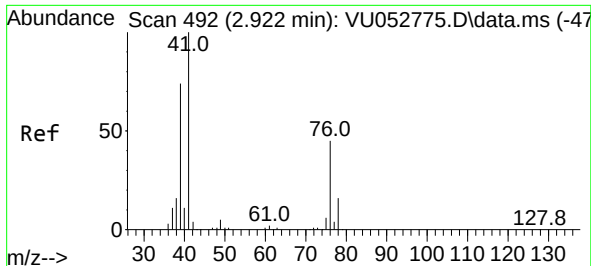
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#10
Iodomethane
Concen: 0.468 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion:142 Resp: 4522
Ion Ratio Lower Upper
142 100
127 51.3 35.4 53.0





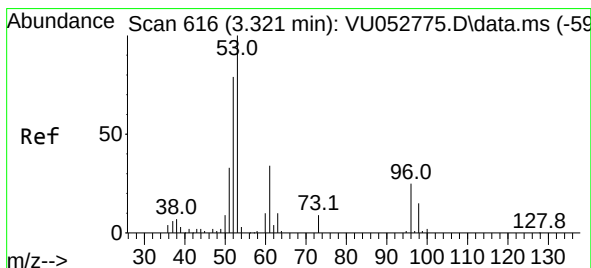
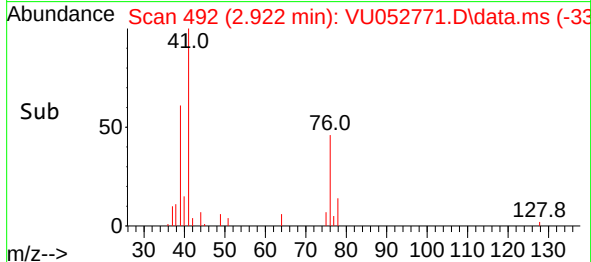
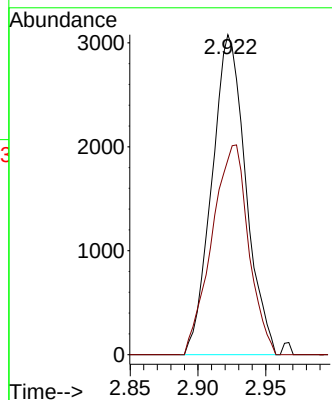
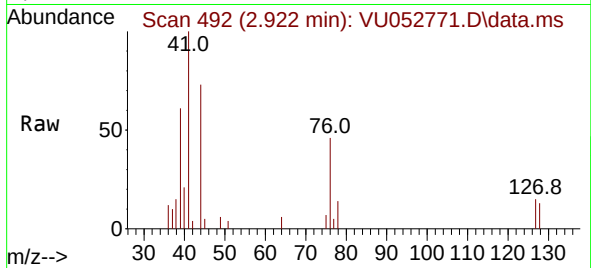
#11
 Allyl Chloride
 Concen: 0.311 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: VU052771.D
 Acq: 23 Jan 2023 10:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 41 Resp: 5349
 Ion Ratio Lower Upper
 41 100
 39 71.0 59.3 88.9

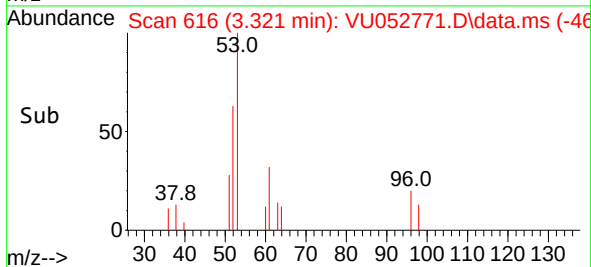
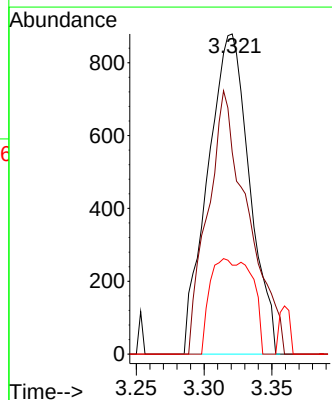
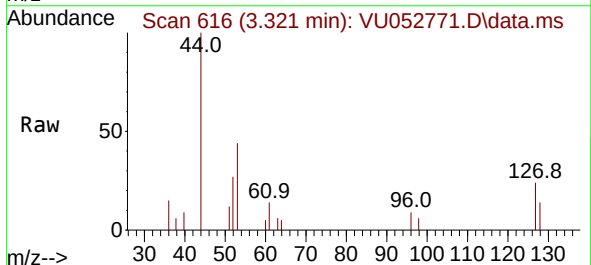
Manual Integrations
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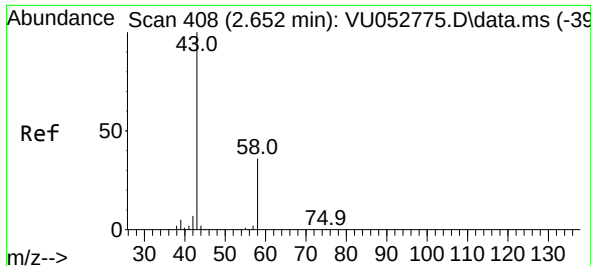
Reviewed By :Krupa Patel 01/24/2023
 Supervised By :Mahesh Dadoda 01/24/2023



#12
 Acrylonitrile
 Concen: 0.595 ug/l
 RT: 3.321 min Scan# 616
 Delta R.T. -0.000 min
 Lab File: VU052771.D
 Acq: 23 Jan 2023 10:51

Tgt Ion: 53 Resp: 1880
 Ion Ratio Lower Upper
 53 100
 52 79.1 63.0 94.4
 51 29.9 31.3 46.9





#13

Acetone

Concen: 2.605 ug/l

RT: 2.639 min Scan# 408

Delta R.T. -0.013 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 43 Resp: 7090

Ion Ratio Lower Upper

43 100

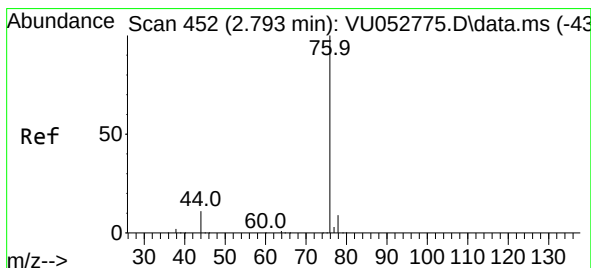
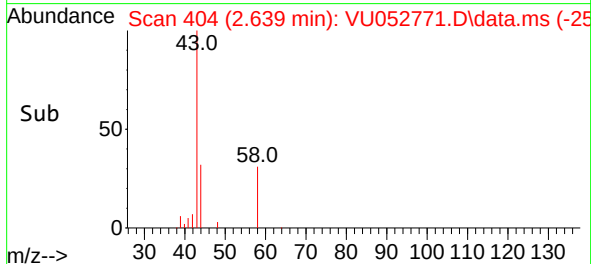
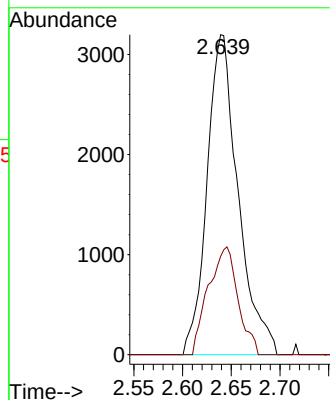
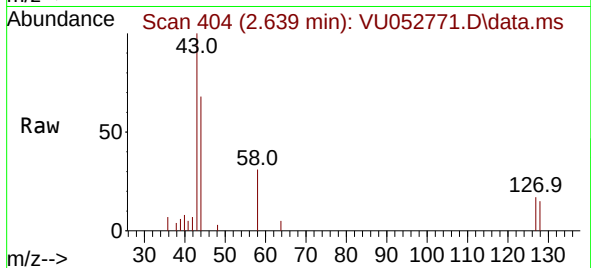
58 30.8 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#14

Carbon Disulfide

Concen: 0.403 ug/l

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU052771.D

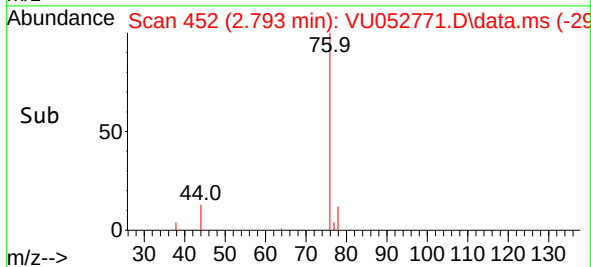
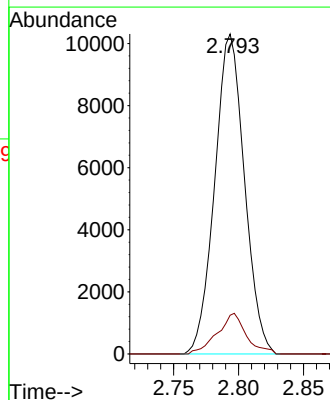
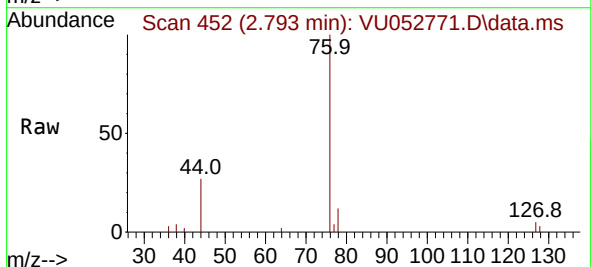
Acq: 23 Jan 2023 10:51

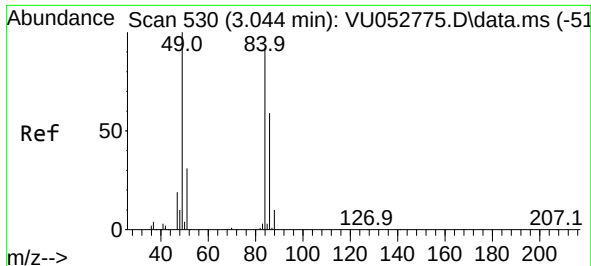
Tgt Ion: 76 Resp: 16390

Ion Ratio Lower Upper

76 100

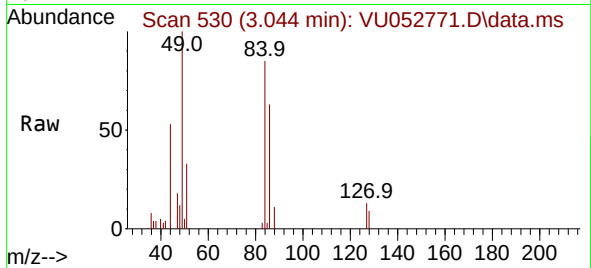
78 12.1 7.1 10.7#





#15
Methylene Chloride
Concen: 0.340 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

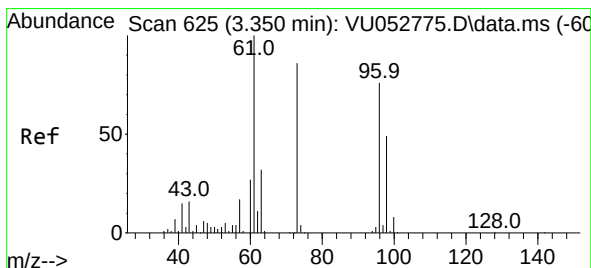
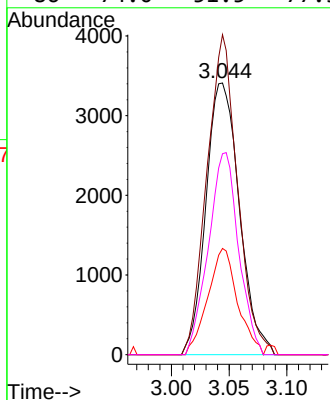
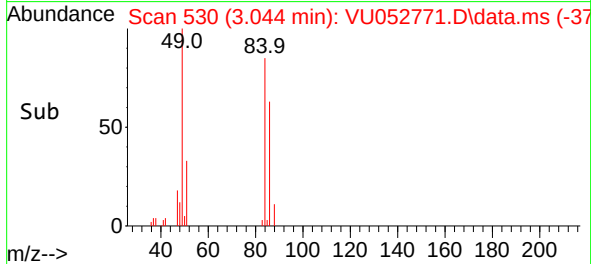
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion:	84	Resp:	685
Ion	Ratio	Lower	Upper
84	100		
49	117.8	86.7	130.1
51	39.1	0.0	66.8
86	74.0	51.5	77.3

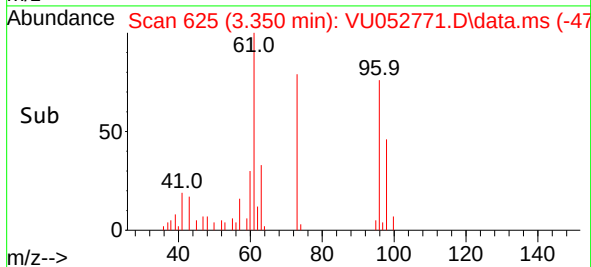
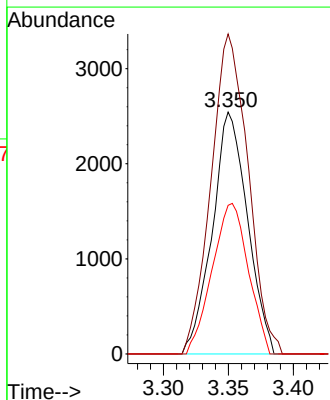
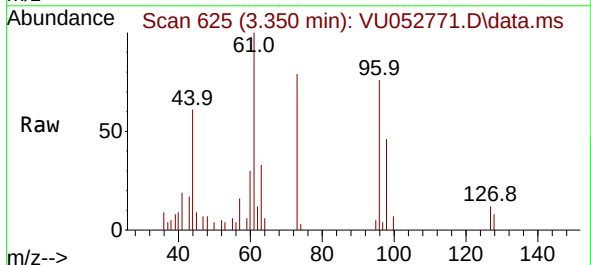
Manual Integrations
APPROVED

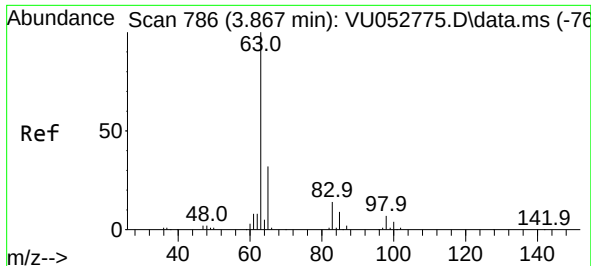
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#16
trans-1,2-Dichloroethene
Concen: 0.342 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion:	96	Resp:	4784
Ion	Ratio	Lower	Upper
96	100		
61	132.3	105.7	158.5
98	61.4	51.4	77.2





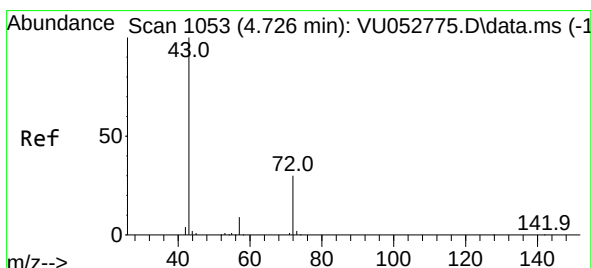
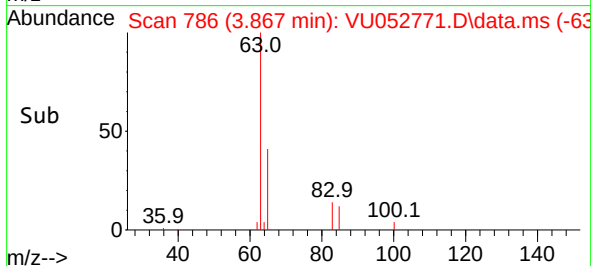
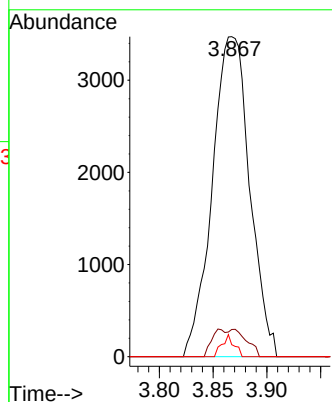
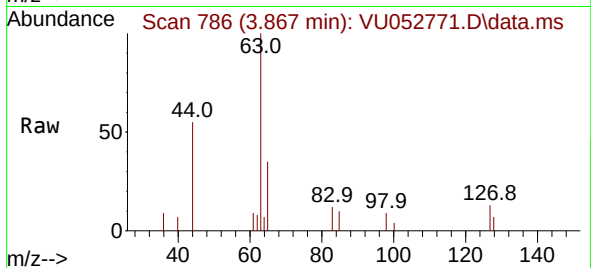
#17
1,1-Dichloroethane
Concen: 0.366 ug/l
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 63 Resp: 842
Ion Ratio Lower Upper
63 100
98 8.5 3.8 11.2
100 3.7 2.2 6.6

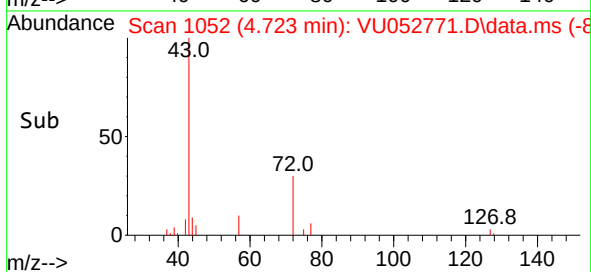
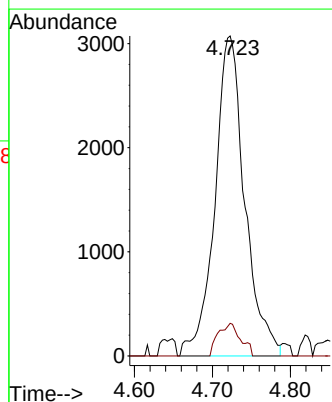
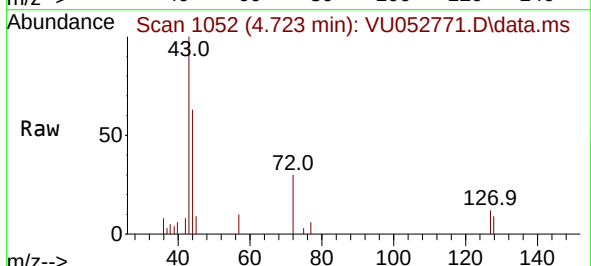
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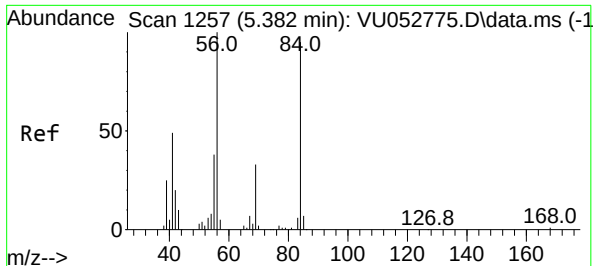
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#18
2-Butanone
Concen: 2.333 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. -0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion: 43 Resp: 8183
Ion Ratio Lower Upper
43 100
57 10.2 0.0 17.4





#19

Cyclohexane

Concen: 0.440 ug/l m

RT: 5.385 min Scan# 1257

Delta R.T. 0.003 min

Lab File: VU052771.D

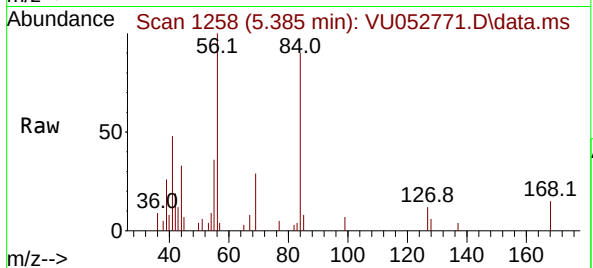
Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5



Tgt Ion: 56 Resp: 7740

Ion Ratio Lower Upper

56 100

69 33.2 26.8 40.2

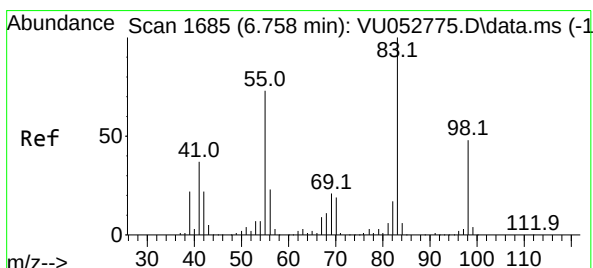
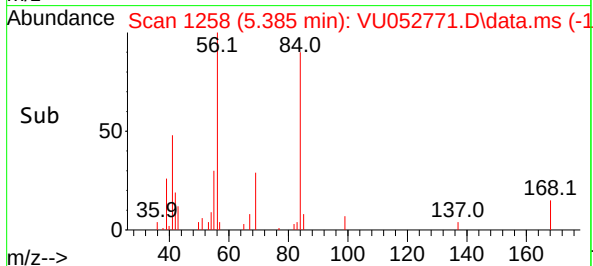
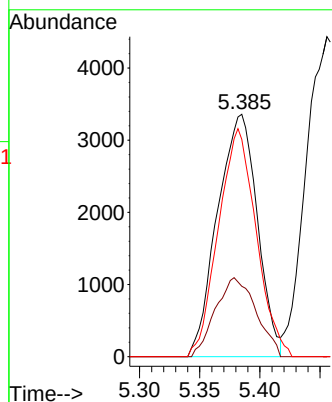
84 89.1 77.0 115.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#20

Methylcyclohexane

Concen: 0.391 ug/l

RT: 6.758 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

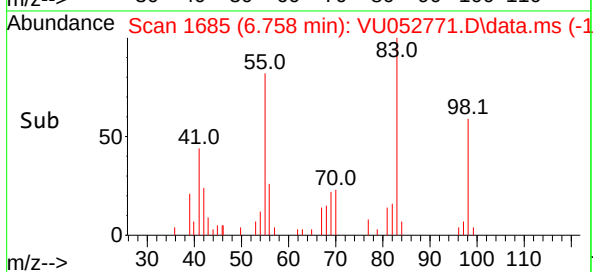
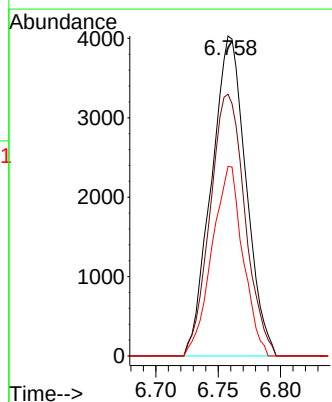
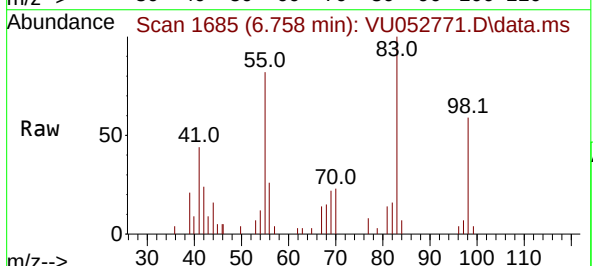
Tgt Ion: 83 Resp: 7782

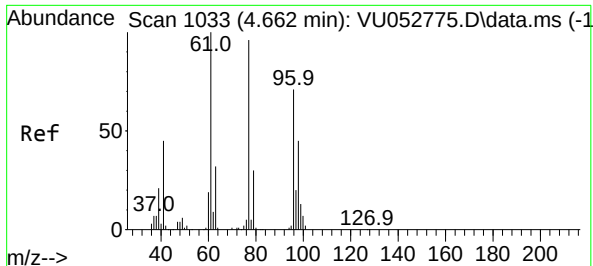
Ion Ratio Lower Upper

83 100

55 82.7 58.7 88.1

98 53.3 39.4 59.2





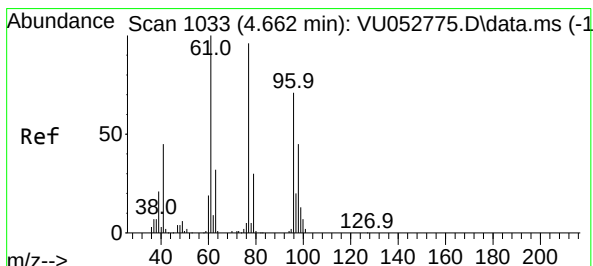
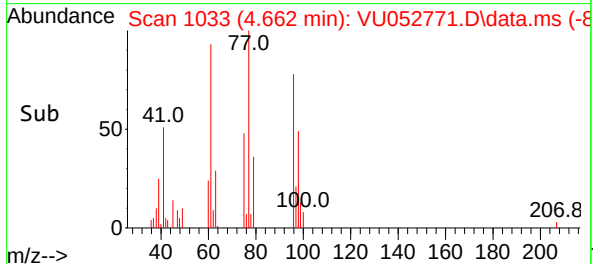
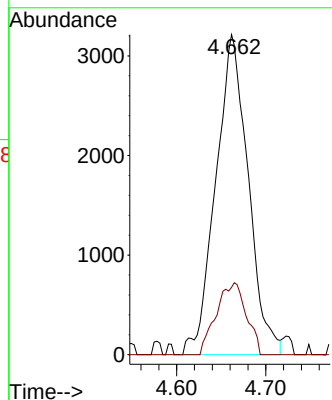
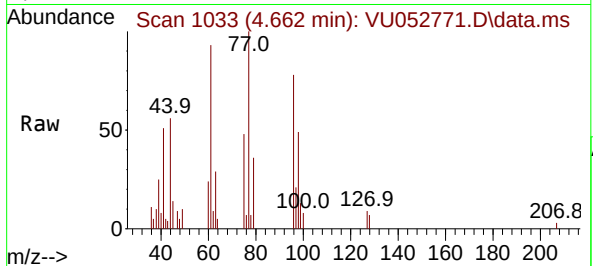
#21
2,2-Dichloropropane
Concen: 0.425 ug/l
RT: 4.662 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 77 Resp: 812
Ion Ratio Lower Upper
77 100
97 20.8 16.8 25.2

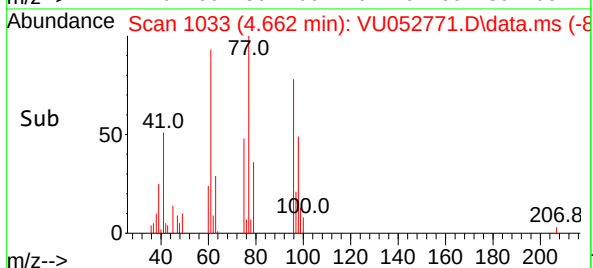
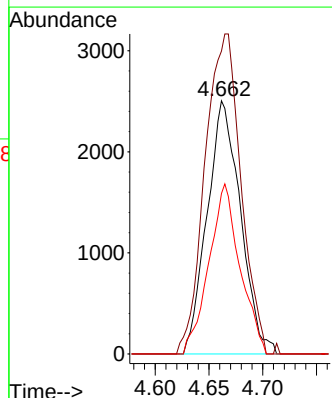
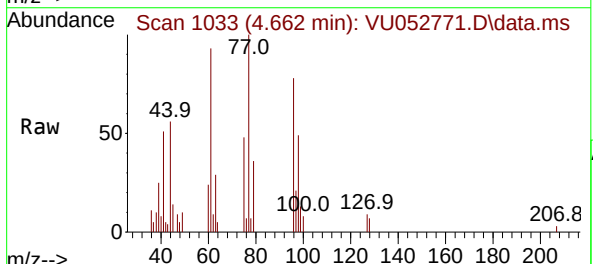
Manual Integrations
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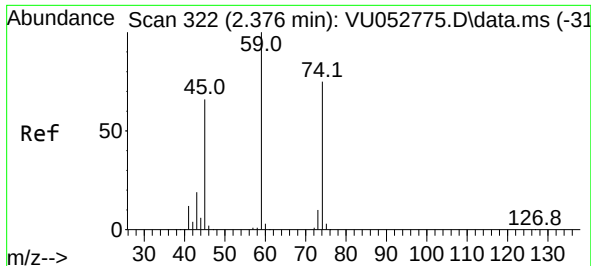
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#22
cis-1,2-Dichloroethene
Concen: 0.378 ug/l
RT: 4.662 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion: 96 Resp: 5409
Ion Ratio Lower Upper
96 100
61 135.6 0.0 353.3
98 62.5 32.6 97.7





#23

Diethyl Ether

Concen: 0.320 ug/l

RT: 2.375 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

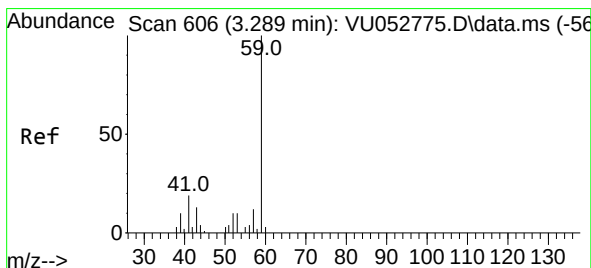
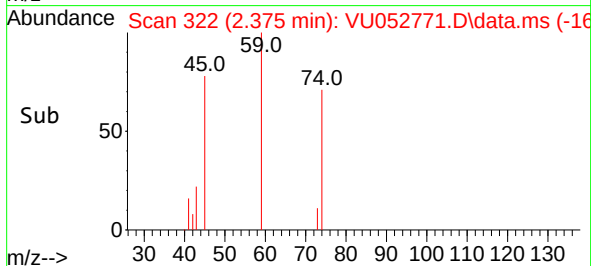
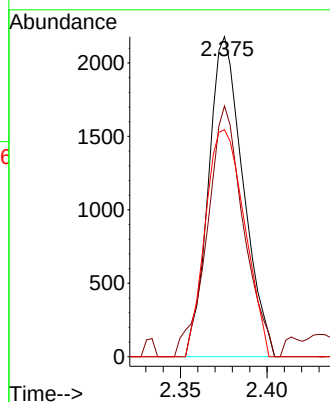
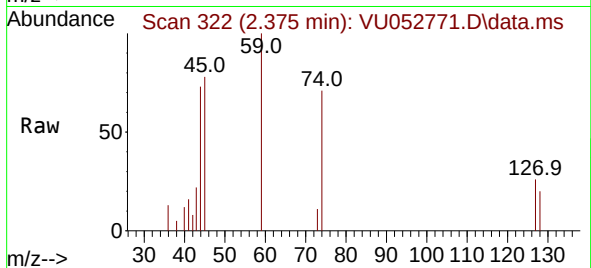
Tgt Ion: 59	Resp: 3030
Ion Ratio	Lower Upper
59	100
45	81.6 52.1 78.1
74	80.2 61.6 92.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#24

tert-Butyl Alcohol

Concen: 3.820 ug/l m

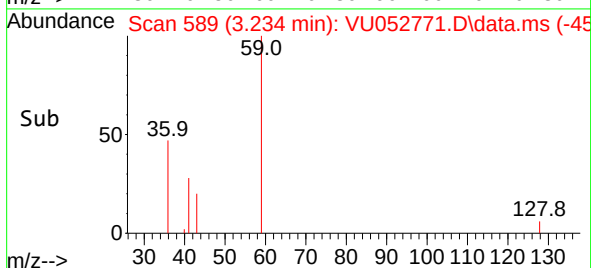
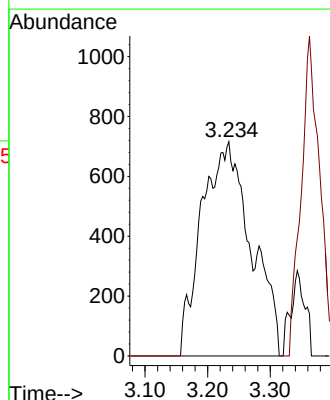
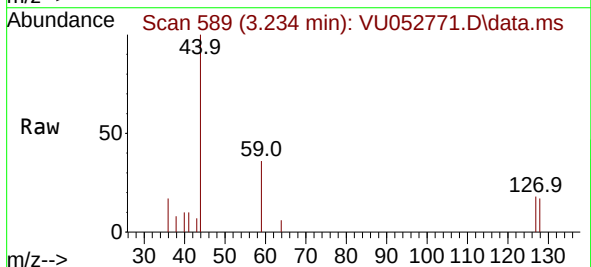
RT: 3.234 min Scan# 589

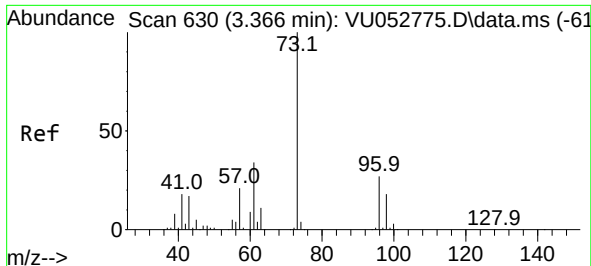
Delta R.T. -0.055 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Tgt Ion: 59	Resp: 3927
Ion Ratio	Lower Upper
59	100
57	0.0 45.8 68.8





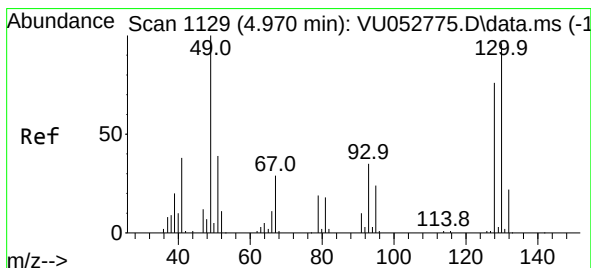
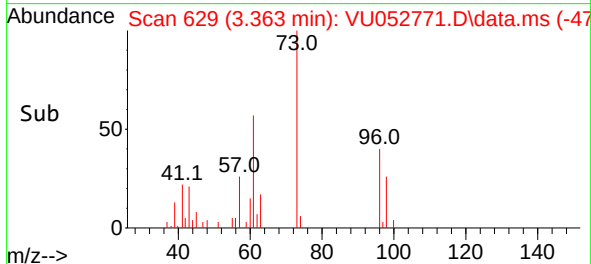
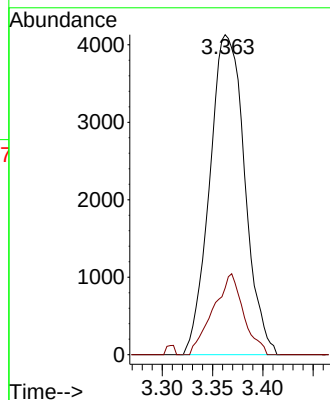
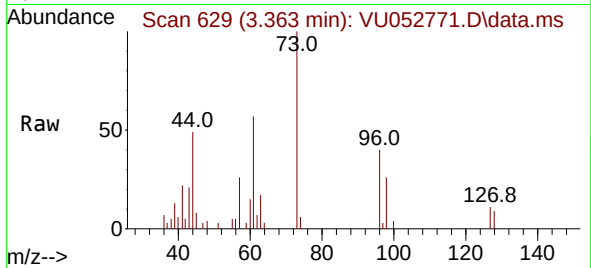
#25
Methyl tert-Butyl Ether
Concen: 0.320 ug/l
RT: 3.363 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 73 Resp: 1001
Ion Ratio Lower Upper
73 100
43 21.9 15.3 22.9

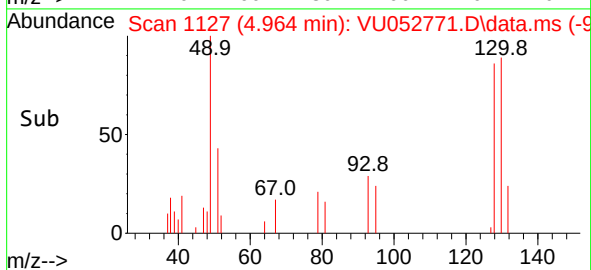
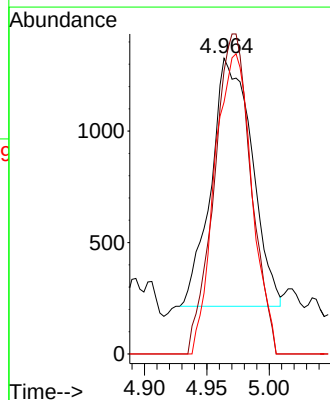
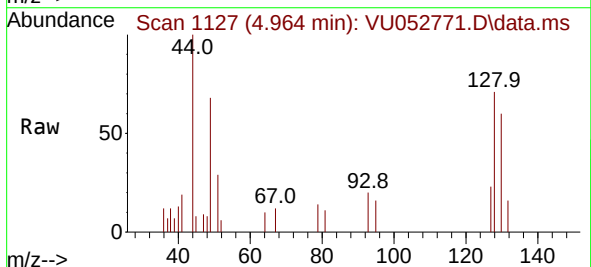
Manual Integrations
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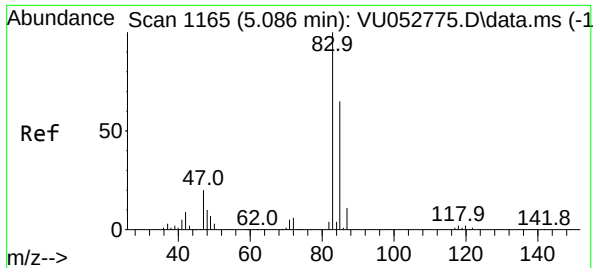
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#26
Bromochloromethane
Concen: 0.359 ug/l
RT: 4.964 min Scan# 1127
Delta R.T. -0.007 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion:128 Resp: 2537
Ion Ratio Lower Upper
128 100
49 116.9 0.0 265.0
130 110.1 100.7 151.1





#27

Chloroform

Concen: 0.383 ug/l

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 83 Resp: 936

Ion Ratio Lower Upper

83 100

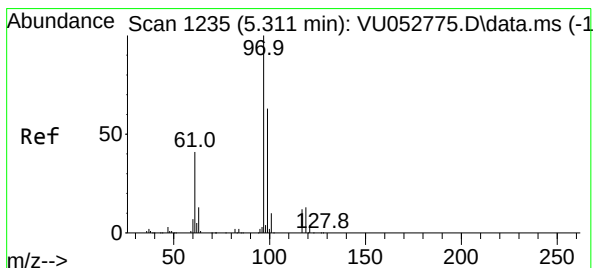
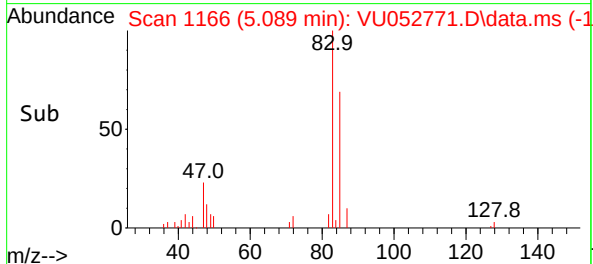
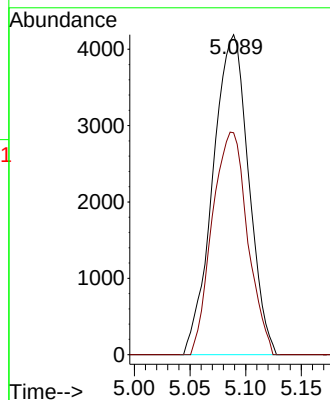
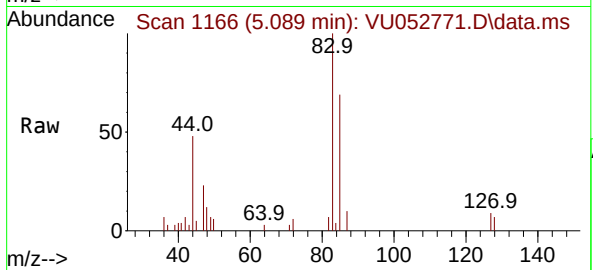
85 69.3 0.0 130.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#28

1,1,1-Trichloroethane

Concen: 0.401 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

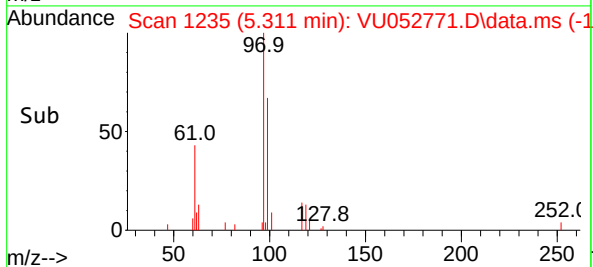
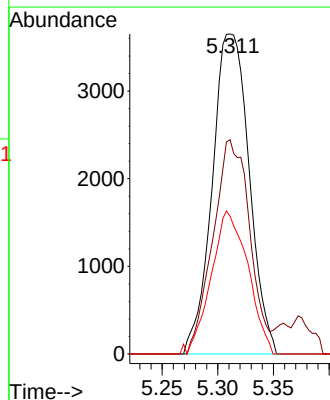
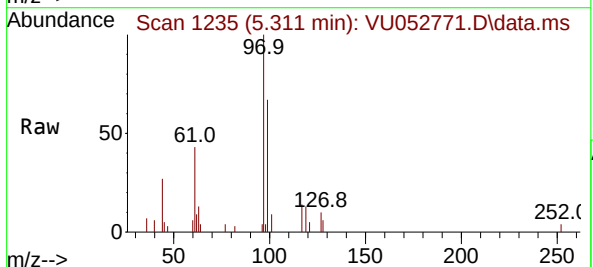
Tgt Ion: 97 Resp: 8418

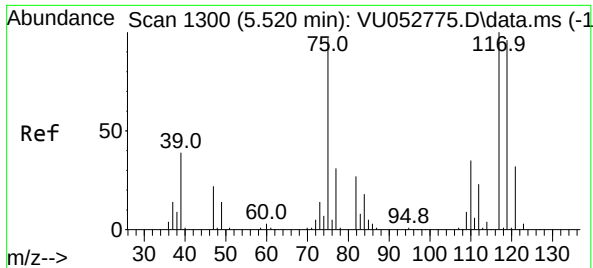
Ion Ratio Lower Upper

97 100

99 66.5 31.9 95.5

61 44.5 20.8 62.2





#29

1,1-Dichloropropene

Concen: 0.395 ug/l

RT: 5.520 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 75 Resp: 6972

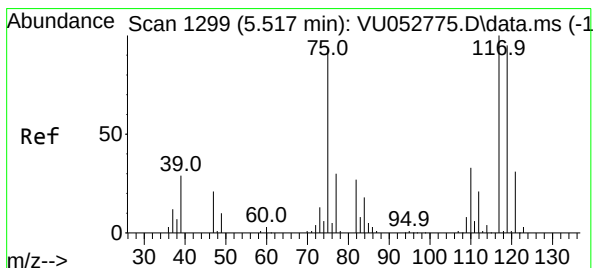
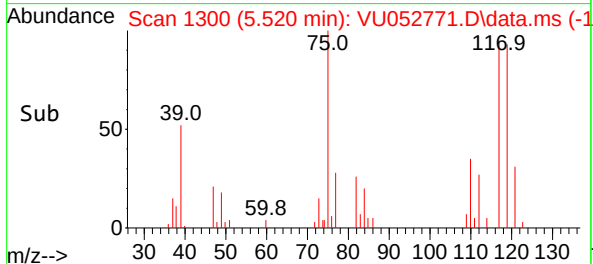
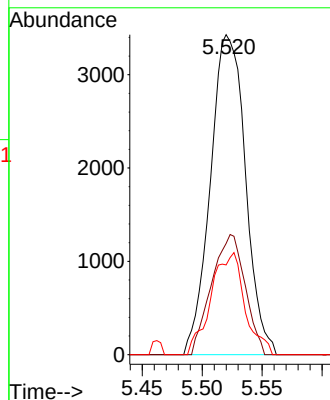
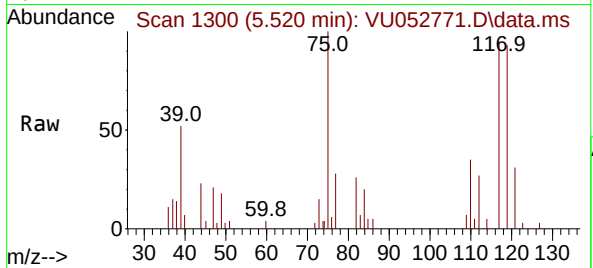
Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.4	52.2
77	30.8	24.8	37.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#30

Carbon Tetrachloride

Concen: 0.382 ug/l

RT: 5.520 min Scan# 1300

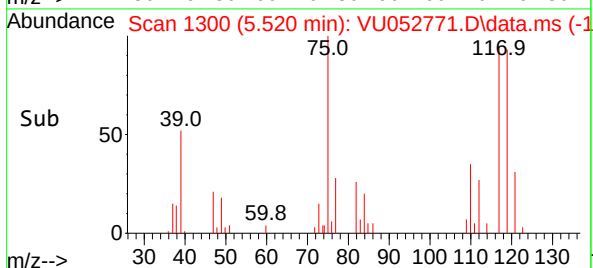
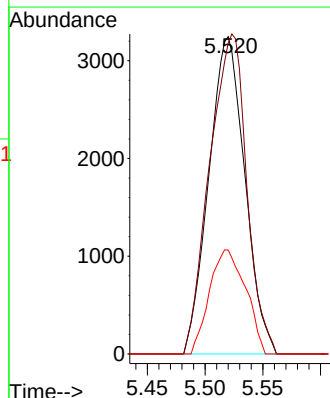
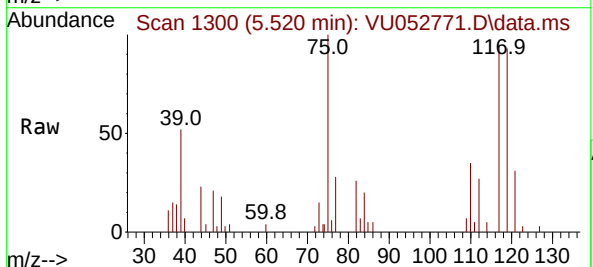
Delta R.T. 0.003 min

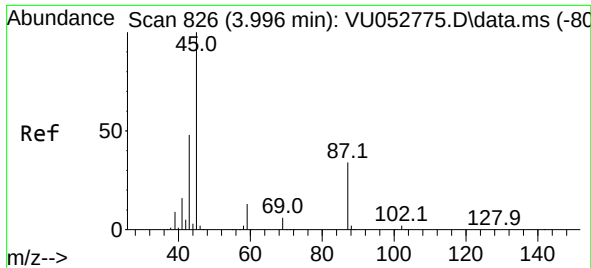
Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Tgt Ion:117 Resp: 7034

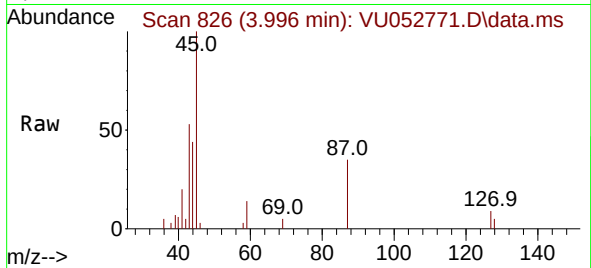
Ion	Ratio	Lower	Upper
117	100		
119	98.0	76.4	114.6
121	32.8	25.0	37.6





#31
Isopropyl Ether
Concen: 0.409 ug/l
RT: 3.996 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

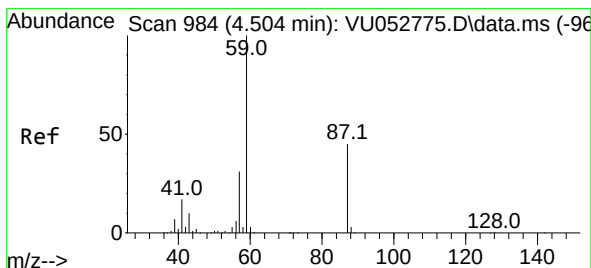
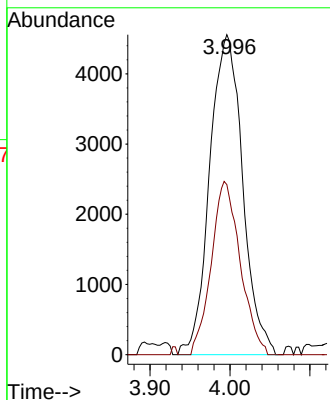
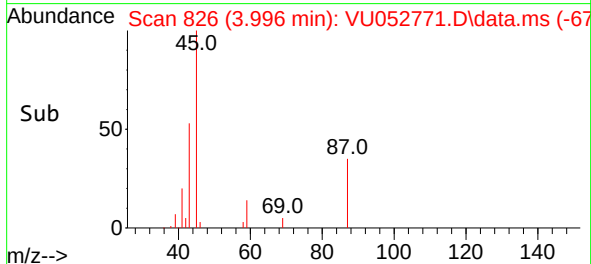
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



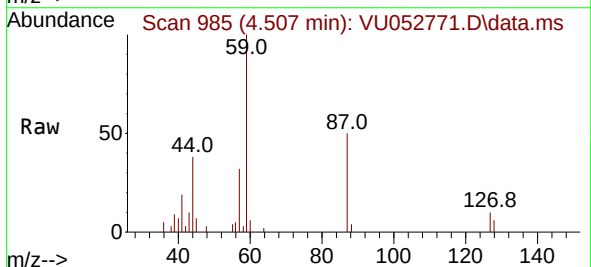
Tgt Ion: 45 Resp: 13024
Ion Ratio Lower Upper
45 100
43 47.7 24.5 73.5

Manual Integrations
APPROVED

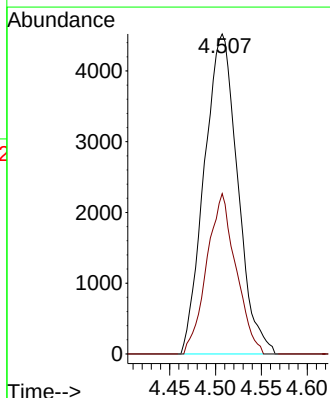
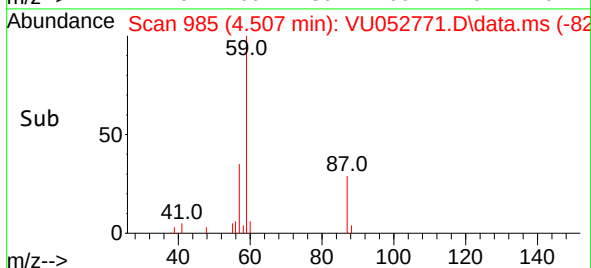
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

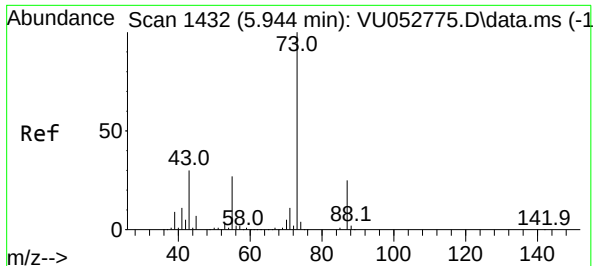


#32
Ethyl-t-butyl ether
Concen: 0.372 ug/l
RT: 4.507 min Scan# 985
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51



Tgt Ion: 59 Resp: 11442
Ion Ratio Lower Upper
59 100
87 43.9 36.2 54.2





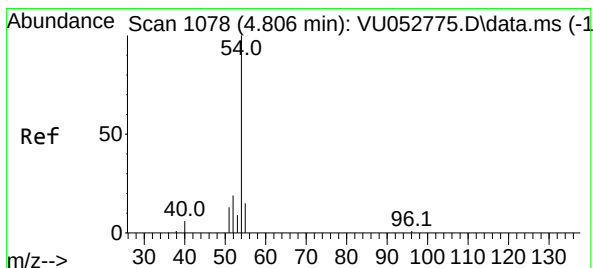
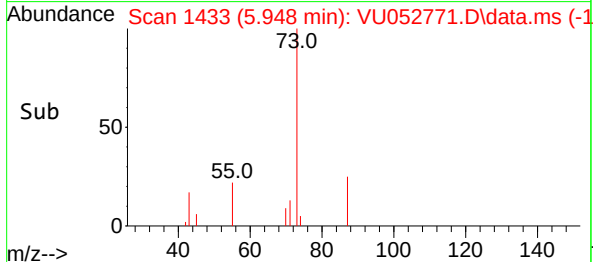
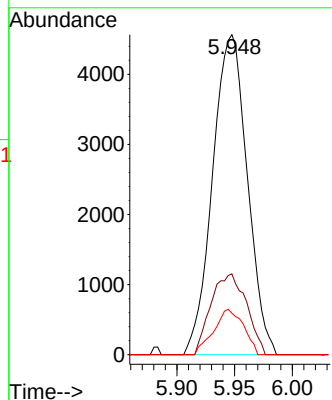
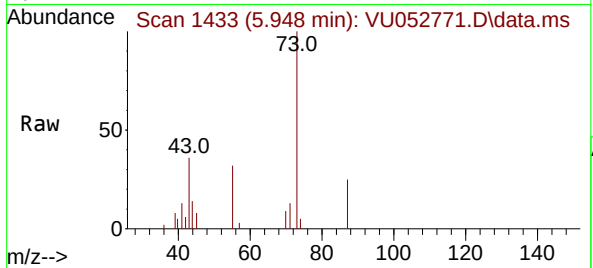
#33
Tert-Amyl methyl ether
Concen: 0.345 ug/l
RT: 5.948 min Scan# 1432
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 73 Resp: 954
Ion Ratio Lower Upper
73 100
87 25.9 20.1 30.1
71 12.2 9.2 13.8

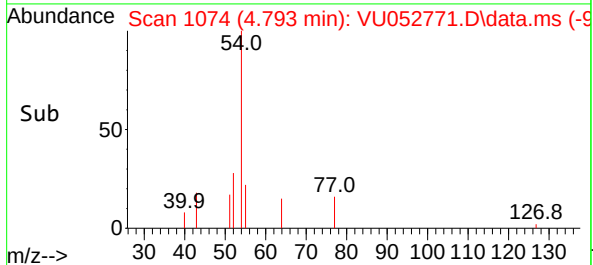
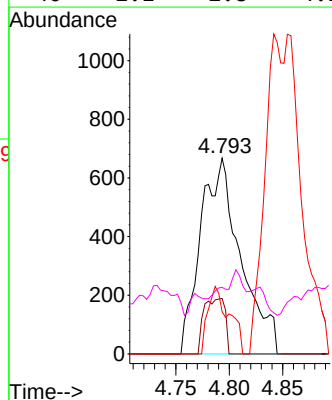
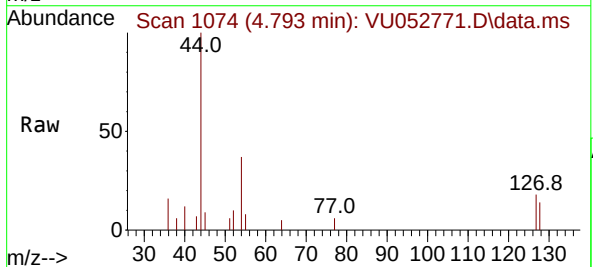
Manual Integrations
APPROVED

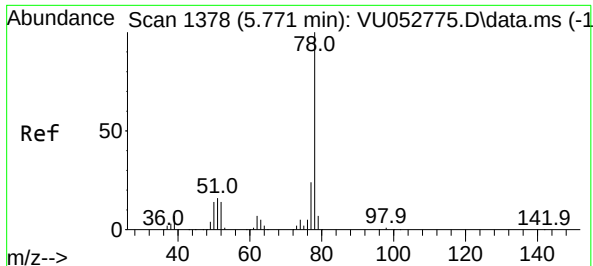
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#34
Propionitrile
Concen: 1.619 ug/l m
RT: 4.793 min Scan# 1074
Delta R.T. -0.013 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

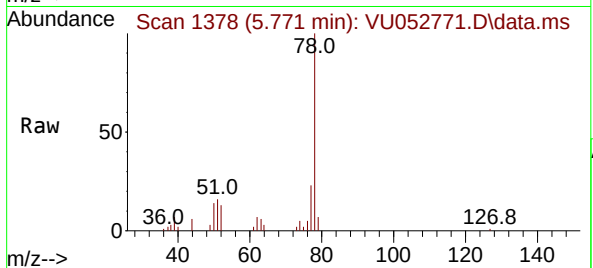
Tgt Ion: 54 Resp: 1748
Ion Ratio Lower Upper
54 100
52 14.9 16.9 25.3#
55 18.2 118.6 178.0#
40 2.1 2.8 4.2#





#35
Benzene
Concen: 0.390 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

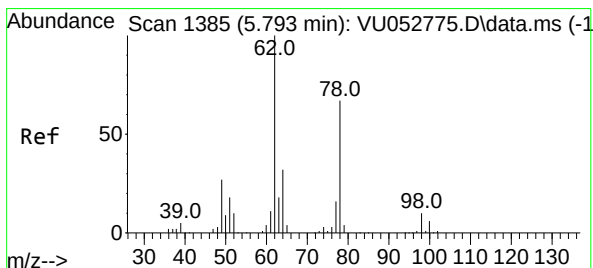
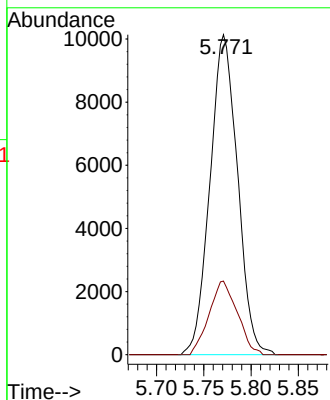
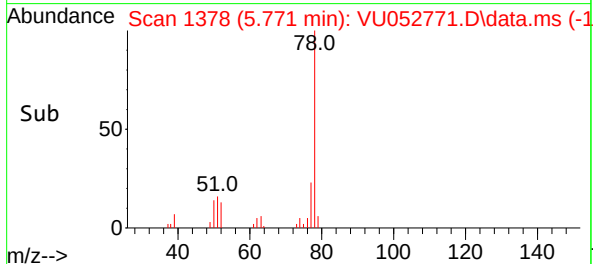
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



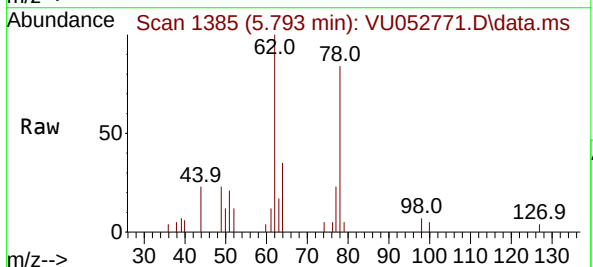
Tgt Ion: 78 Resp: 20544
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4

Manual Integrations
APPROVED

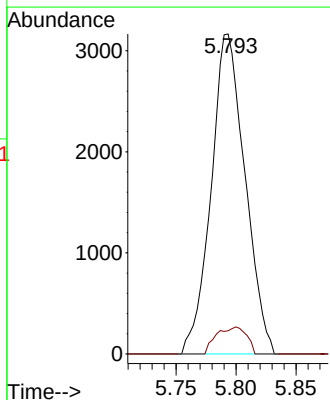
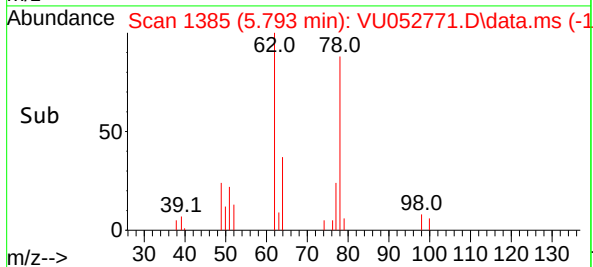
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

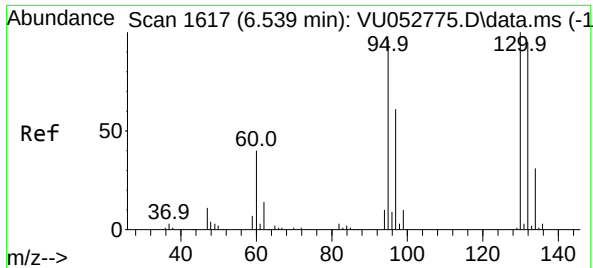


#36
1,2-Dichloroethane
Concen: 0.400 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51



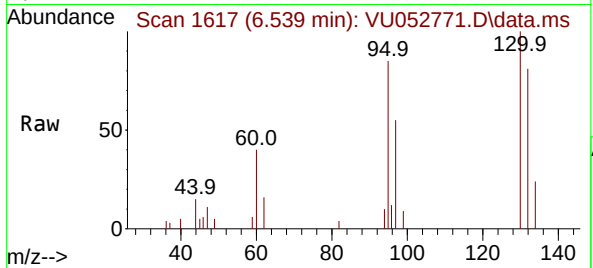
Tgt Ion: 62 Resp: 6223
Ion Ratio Lower Upper
62 100
98 7.5 7.5 11.3





#37
Trichloroethene
Concen: 0.368 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

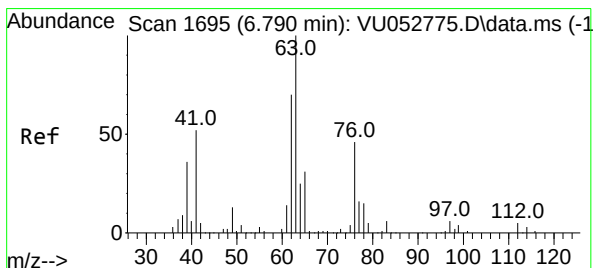
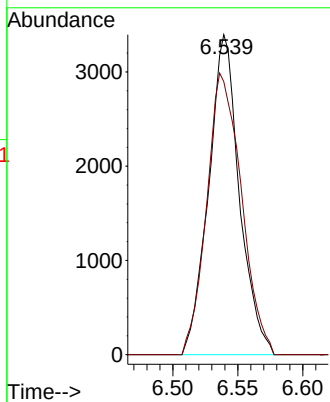
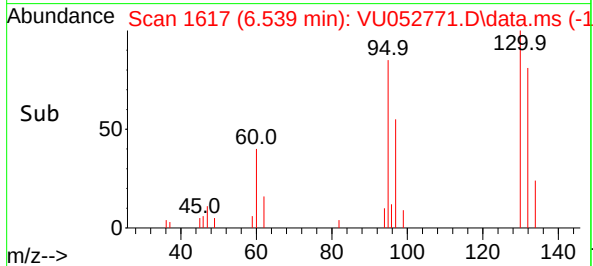
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



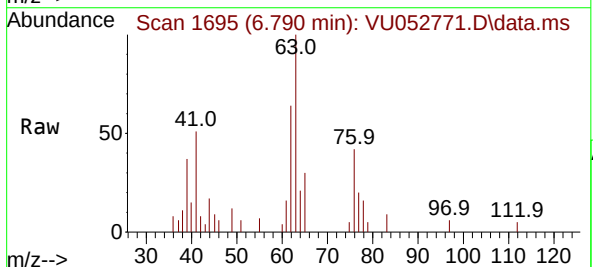
Tgt Ion:130 Resp: 558
Ion Ratio Lower Upper
130 100
95 85.3 76.6 114.8

Manual Integrations
APPROVED

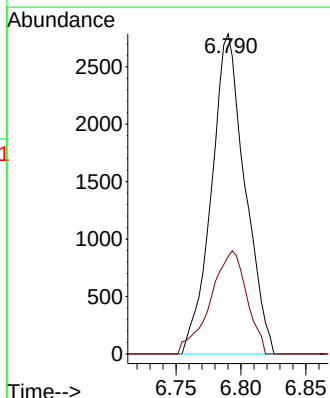
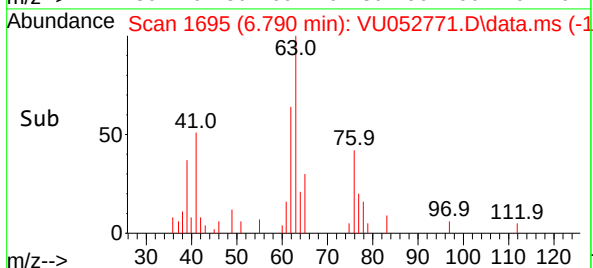
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

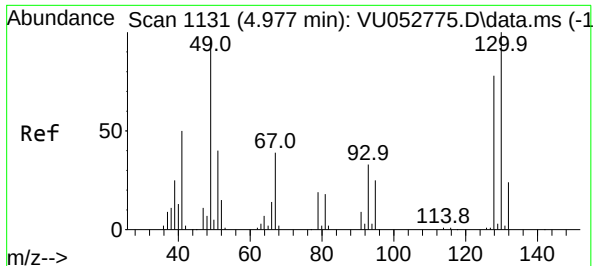


#38
1,2-Dichloropropane
Concen: 0.372 ug/l
RT: 6.790 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51



Tgt Ion: 63 Resp: 4990
Ion Ratio Lower Upper
63 100
65 30.4 24.6 36.8





#39

Methacrylonitrile

Concen: 0.365 ug/l

RT: 4.977 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU052771.D

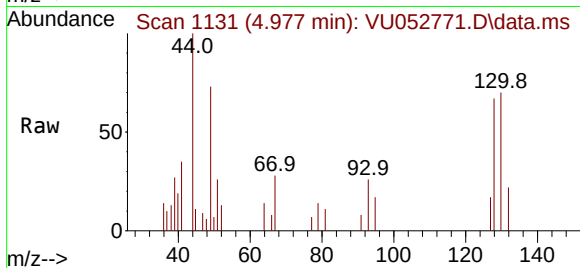
Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5



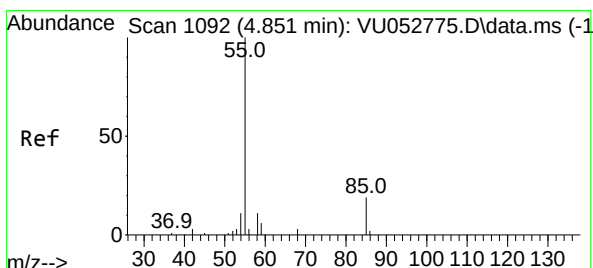
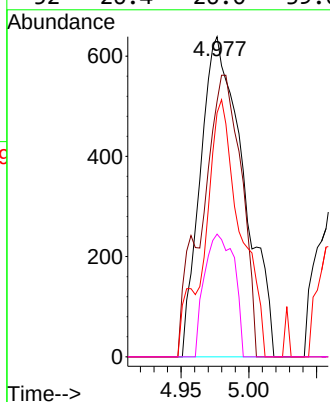
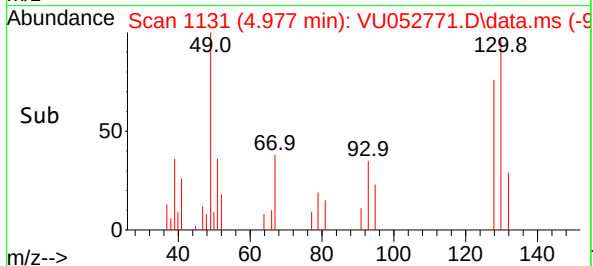
Tgt Ion:	41	Resp:	141
Ion	Ratio	Lower	Upper
41	100		
67	80.4	64.9	97.3
39	66.0	41.7	62.5
52	26.4	26.0	39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#40

Methyl acrylate

Concen: 0.394 ug/l m

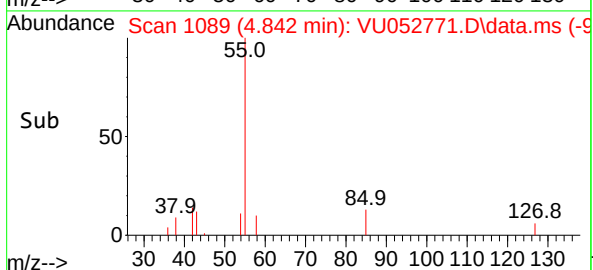
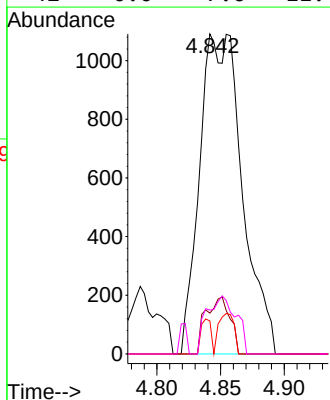
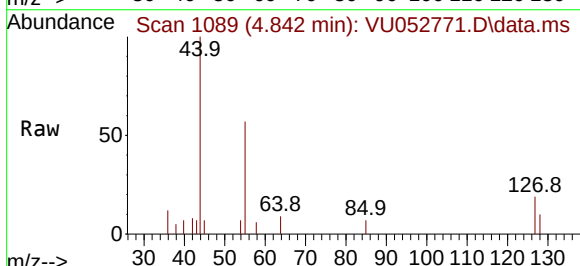
RT: 4.842 min Scan# 1089

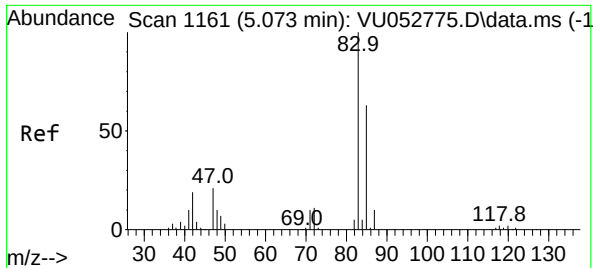
Delta R.T. -0.010 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Tgt Ion:	55	Resp:	2535
Ion	Ratio	Lower	Upper
55	100		
85	0.0	14.4	21.6#
58	2.5	7.3	10.9#
42	0.0	7.6	11.4#





#41

Tetrahydrofuran

Concen: 0.698 ug/l

RT: 5.073 min Scan# 1161

Delta R.T. -0.000 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 42 Resp: 1500

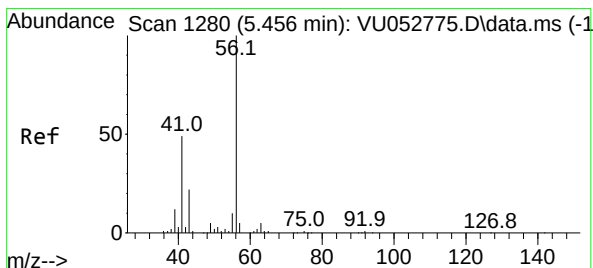
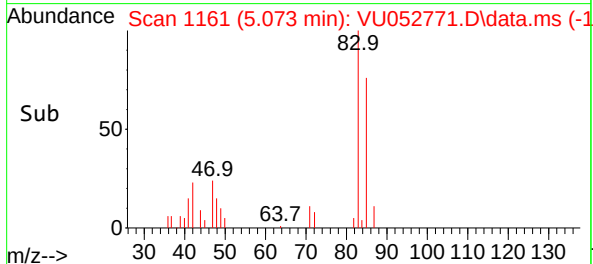
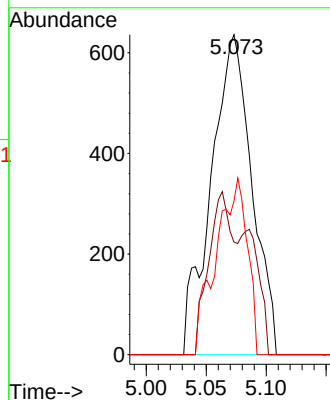
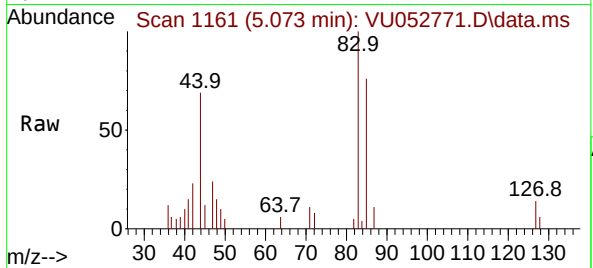
Ion	Ratio	Lower	Upper
42	100		
72	31.7	49.1	73.7
71	42.4	43.8	65.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#42

1-Chlorobutane

Concen: 0.424 ug/l

RT: 5.456 min Scan# 1280

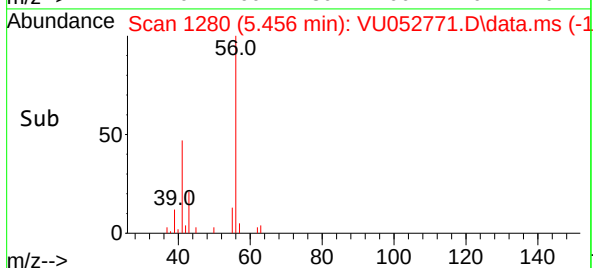
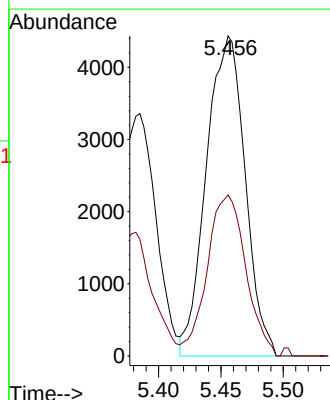
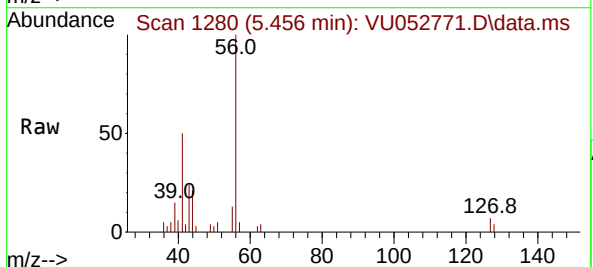
Delta R.T. -0.000 min

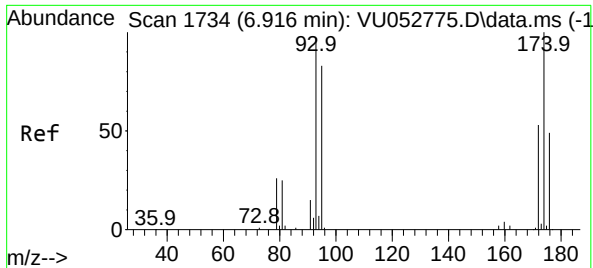
Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Tgt Ion: 56 Resp: 9591

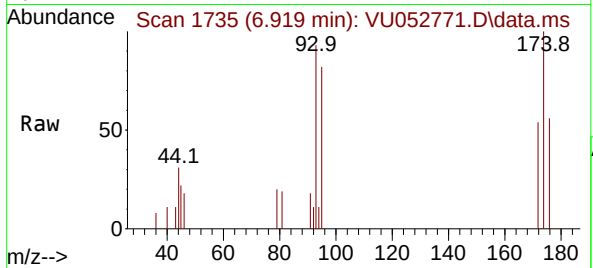
Ion	Ratio	Lower	Upper
56	100		
41	50.2	24.5	73.5





#43
Dibromomethane
Concen: 0.318 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

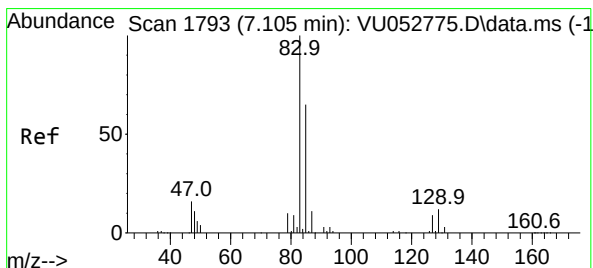
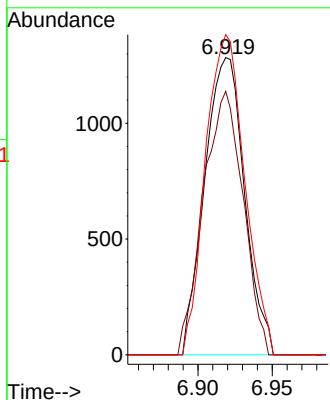
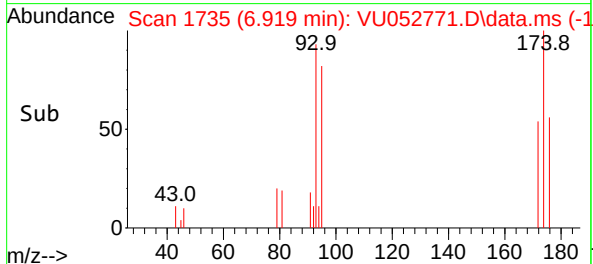
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



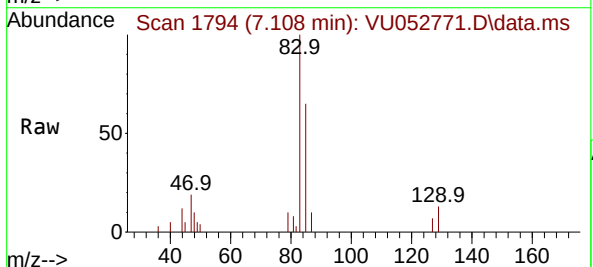
Tgt Ion: 93 Resp: 2398
Ion Ratio Lower Upper
93 100
95 88.7 67.0 100.6
174 106.2 82.2 123.4

Manual Integrations
APPROVED

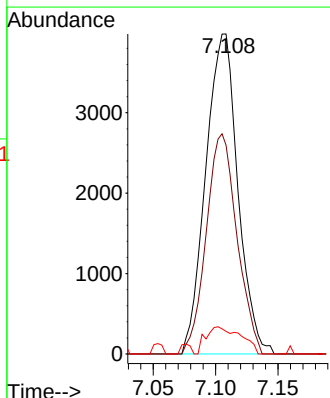
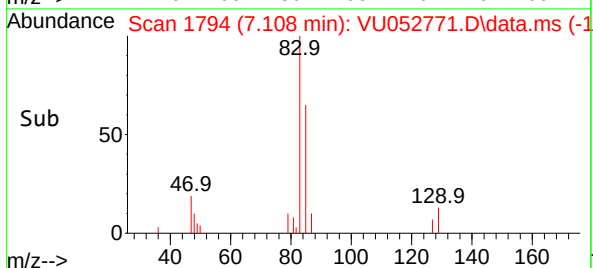
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

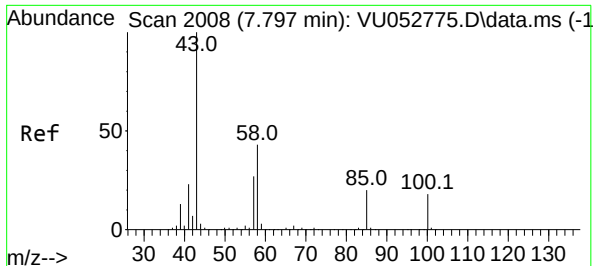


#44
Bromodichloromethane
Concen: 0.400 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51



Tgt Ion: 83 Resp: 7144
Ion Ratio Lower Upper
83 100
85 65.2 52.1 78.1
127 7.0 7.2 10.8#





#45

4-Methyl-2-Pentanone

Concen: 1.614 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

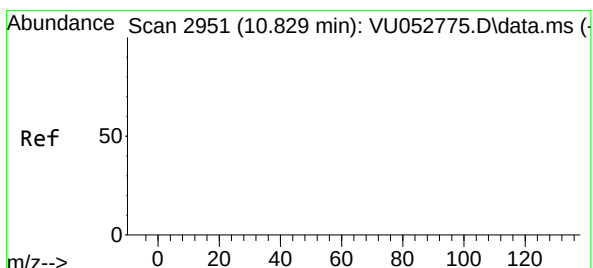
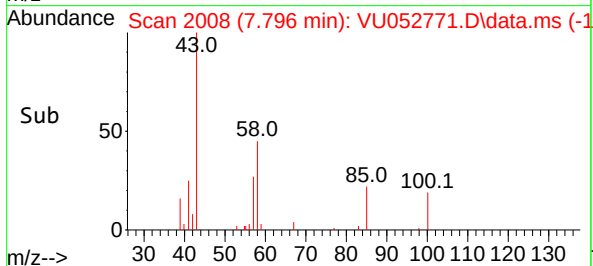
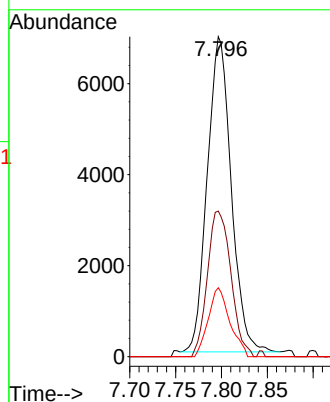
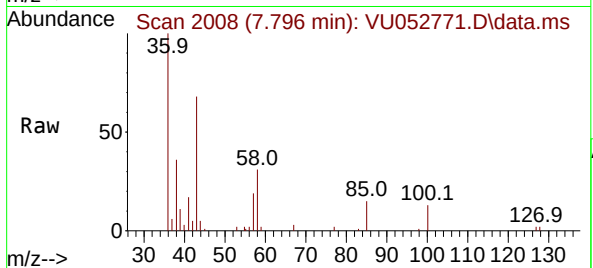
Tgt Ion:	43	Resp:	1258
Ion	Ratio	Lower	Upper
43	100		
58	45.4	21.7	65.1
85	19.6	16.2	24.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#46

t-1,4-Dichloro-2-butene

Concen: 0.762 ug/l m

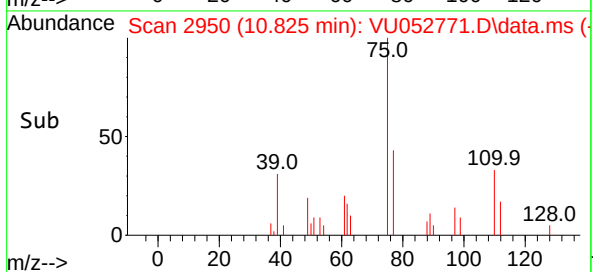
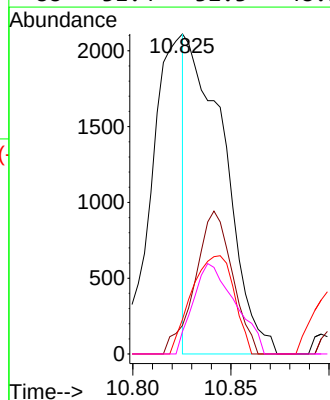
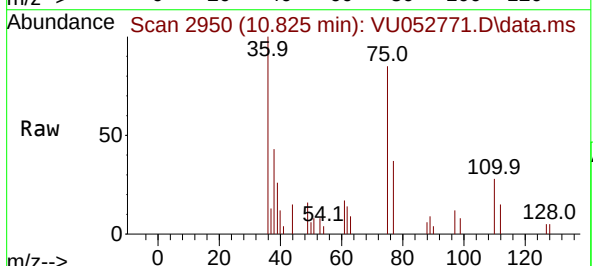
RT: 10.825 min Scan# 2950

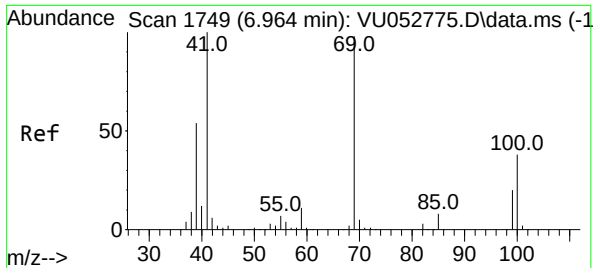
Delta R.T. -0.003 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

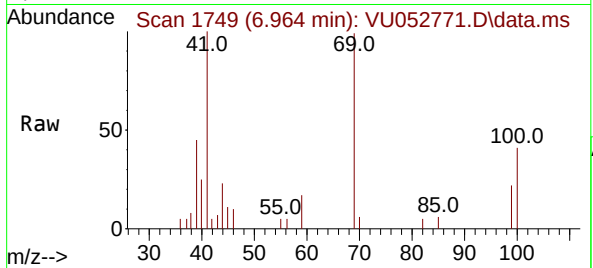
Tgt Ion:	75	Resp:	2830
Ion	Ratio	Lower	Upper
75	100		
53	44.0	57.0	85.4#
89	34.6	41.1	61.7#
88	31.4	32.3	48.5#





#47
Methyl methacrylate
Concen: 0.690 ug/l
RT: 6.964 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

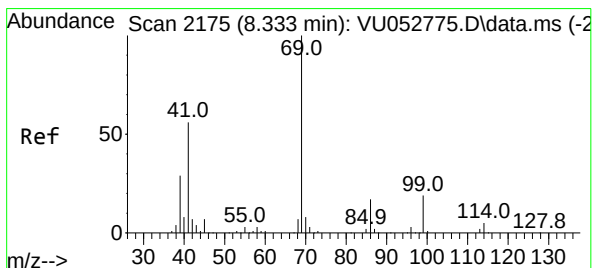
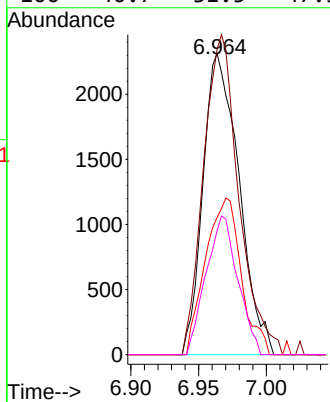
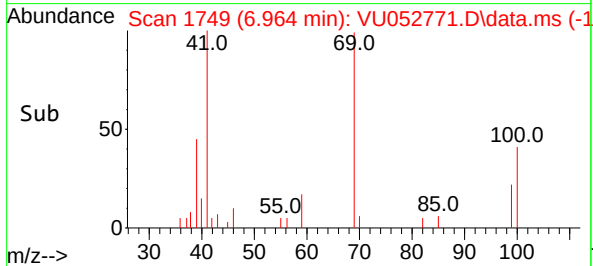
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



Tgt Ion: 69 Resp: 4264
Ion Ratio Lower Upper
69 100
41 104.3 0.0 201.8
39 51.7 44.0 66.0
100 40.7 31.5 47.3

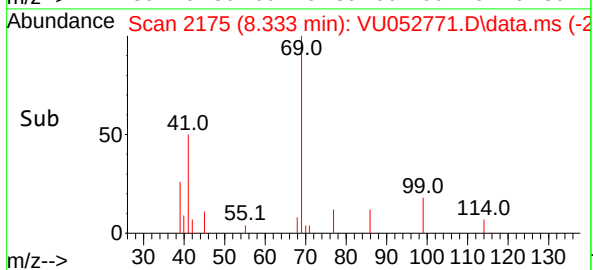
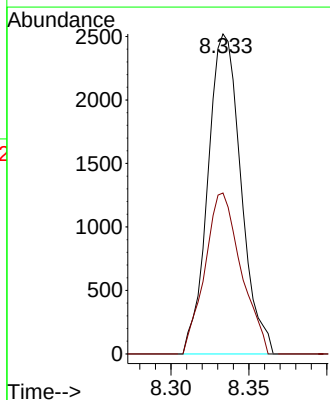
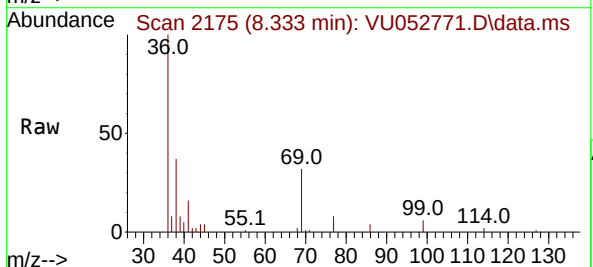
Manual Integrations
APPROVED

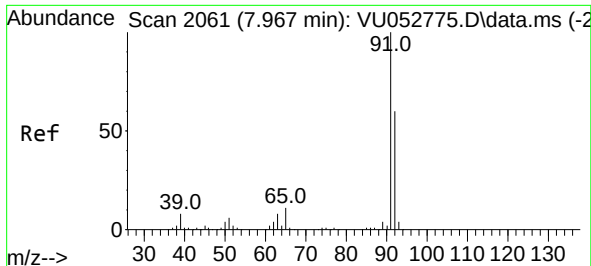
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#48
Ethyl methacrylate
Concen: 0.328 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

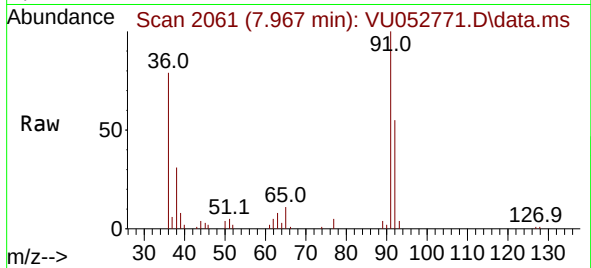
Tgt Ion: 69 Resp: 3724
Ion Ratio Lower Upper
69 100
41 54.7 28.1 84.4





#49
Toluene
Concen: 0.361 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

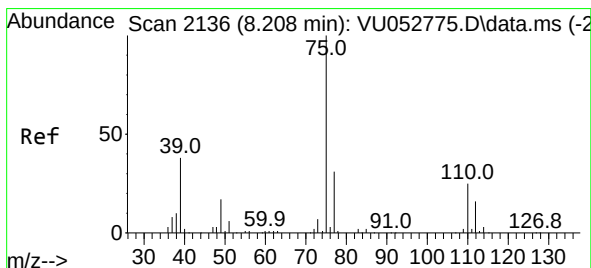
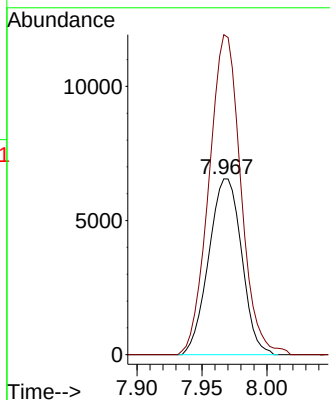
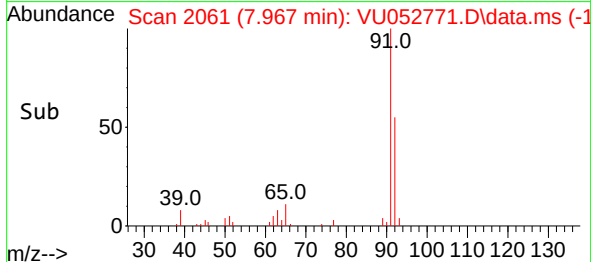
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



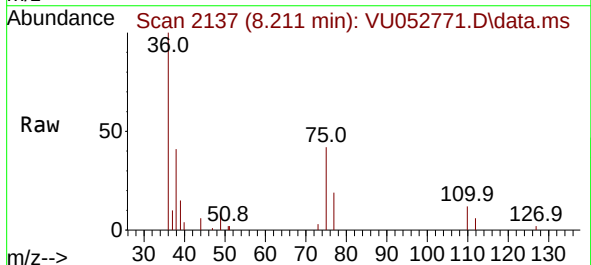
Tgt Ion: 92 Resp: 11540
Ion Ratio Lower Upper
92 100
91 176.3 133.8 200.8

Manual Integrations
APPROVED

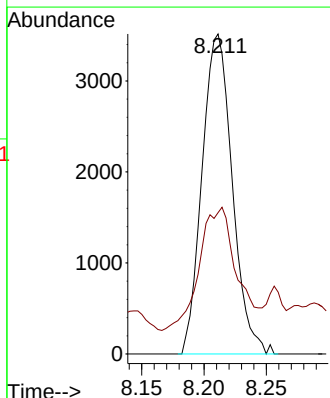
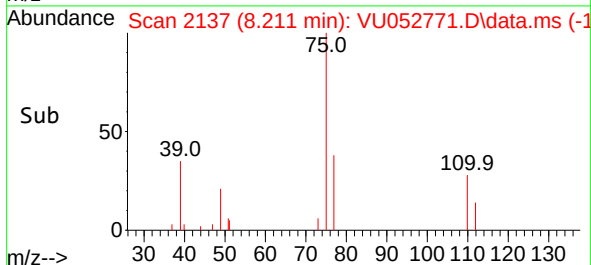
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

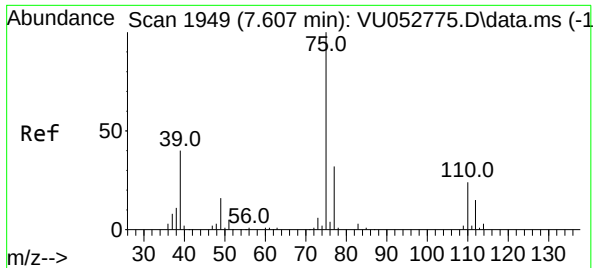


#50
t-1,3-Dichloropropene
Concen: 0.376 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51



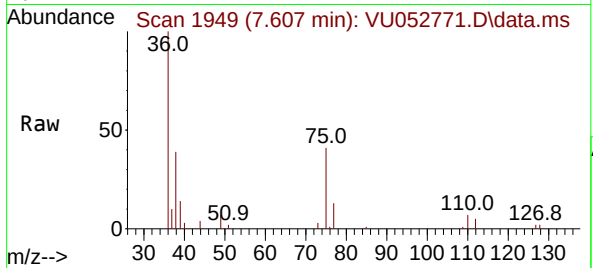
Tgt Ion: 75 Resp: 5936
Ion Ratio Lower Upper
75 100
77 33.7 24.4 36.6





#51
 cis-1,3-Dichloropropene
 Concen: 0.426 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VU052771.D
 Acq: 23 Jan 2023 10:51

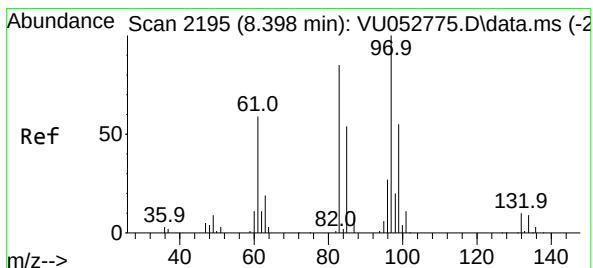
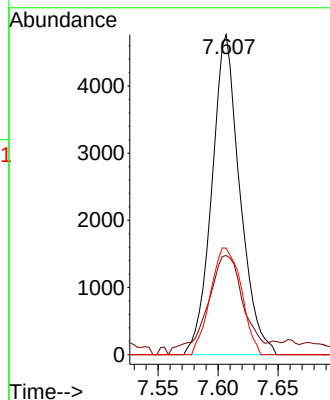
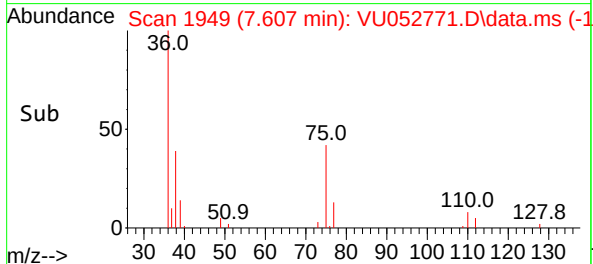
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 75 Resp: 7749
 Ion Ratio Lower Upper
 75 100
 77 28.1 25.5 38.3
 39 33.3 32.3 48.5

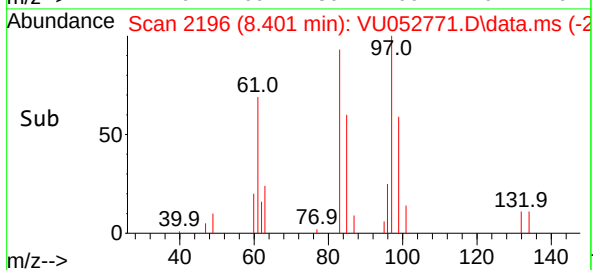
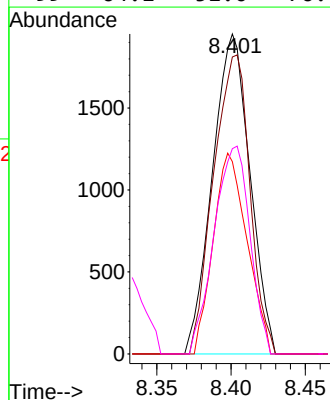
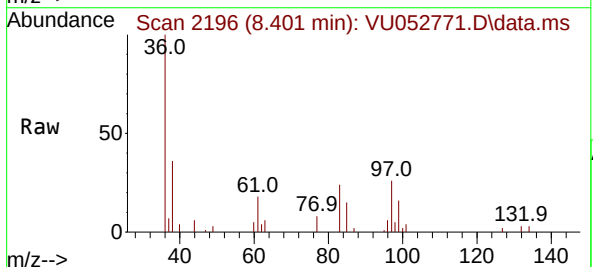
Manual Integrations
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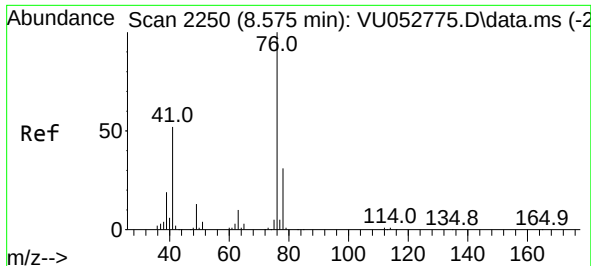
Reviewed By :Krupa Patel 01/24/2023
 Supervised By :Mahesh Dadoda 01/24/2023



#52
 1,1,2-Trichloroethane
 Concen: 0.320 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.003 min
 Lab File: VU052771.D
 Acq: 23 Jan 2023 10:51

Tgt Ion: 97 Resp: 3422
 Ion Ratio Lower Upper
 97 100
 83 92.8 68.2 102.2
 85 60.1 44.5 66.7
 99 64.1 51.0 76.4





#53

1,3-Dichloropropane

Concen: 0.344 ug/l

RT: 8.575 min Scan# 2250

Delta R.T. -0.000 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 76 Resp: 6110

Ion Ratio Lower Upper

76 100

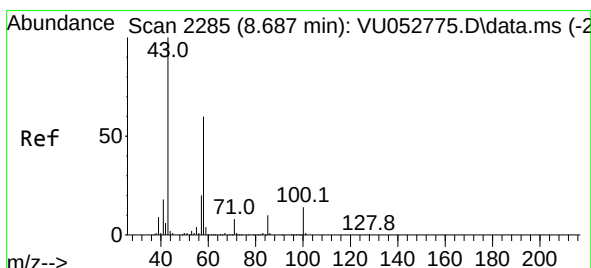
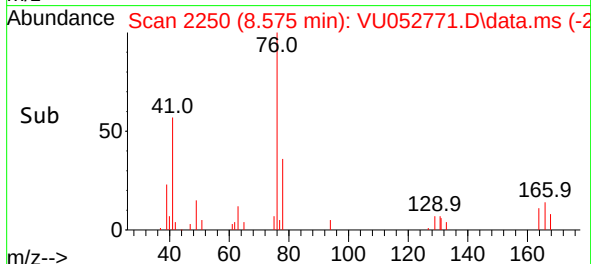
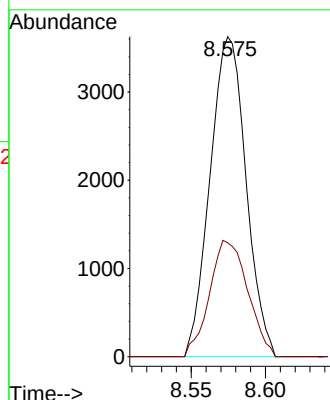
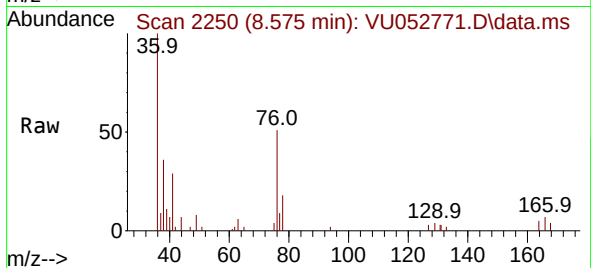
78 38.5 25.2 37.8

Manual Integrations

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Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#54

2-Hexanone

Concen: 1.912 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

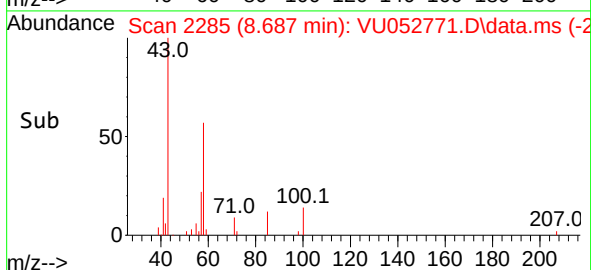
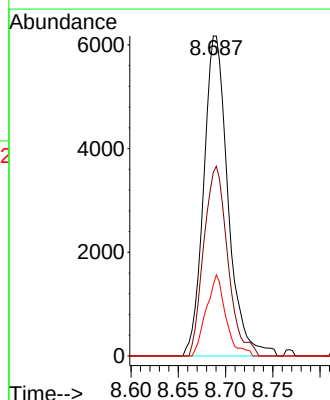
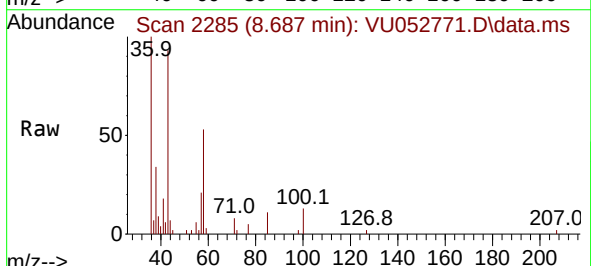
Tgt Ion: 43 Resp: 11062

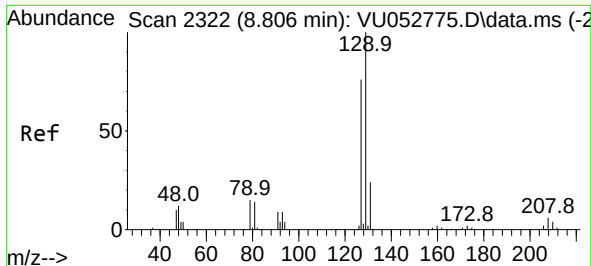
Ion Ratio Lower Upper

43 100

58 58.2 40.0 80.0

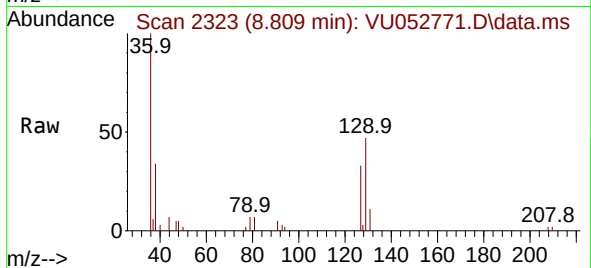
57 20.5 0.6 40.6





#55
Dibromochloromethane
Concen: 0.366 ug/l
RT: 8.809 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

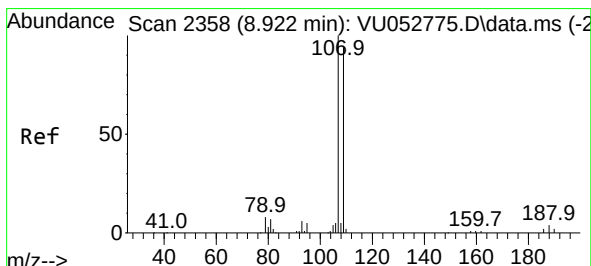
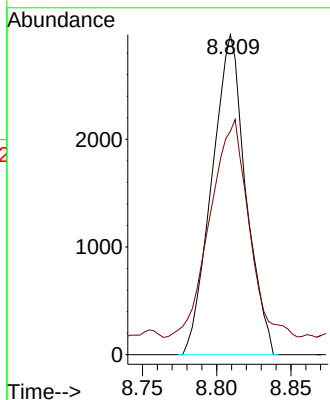
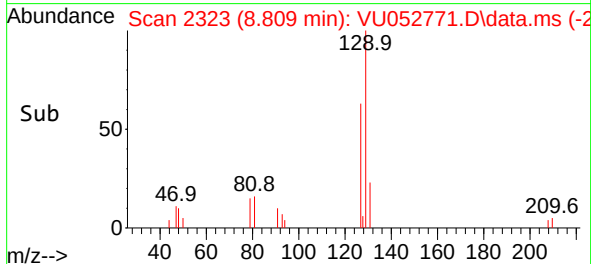
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



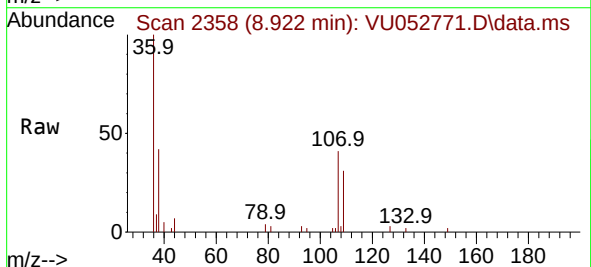
Tgt Ion:129 Resp: 4710
Ion Ratio Lower Upper
129 100
127 77.9 61.5 92.3

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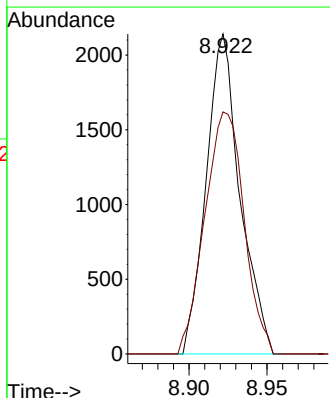
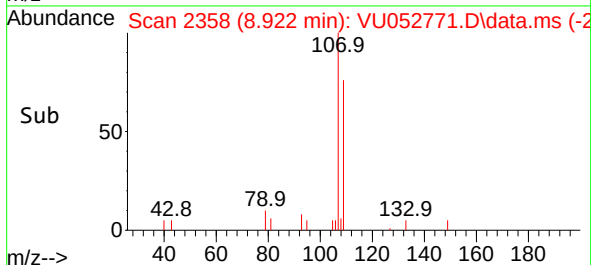
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

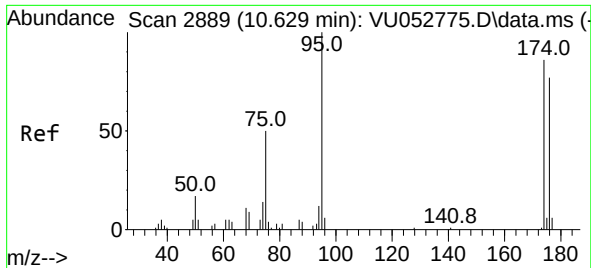


#56
1,2-Dibromoethane
Concen: 0.317 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51



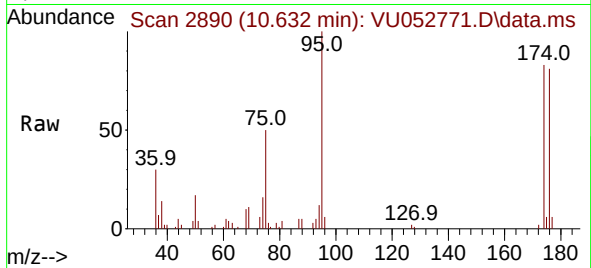
Tgt Ion:107 Resp: 3228
Ion Ratio Lower Upper
107 100
109 87.9 0.0 190.4





#57
4-Bromofluorobenzene
Concen: 0.922 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

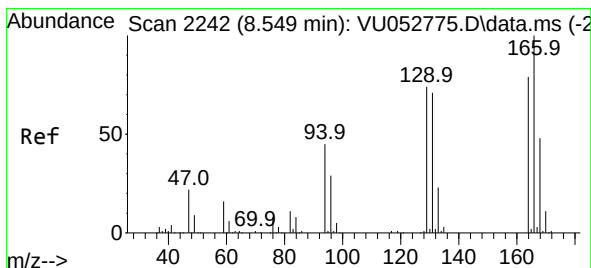
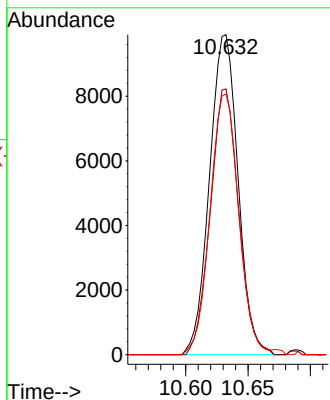
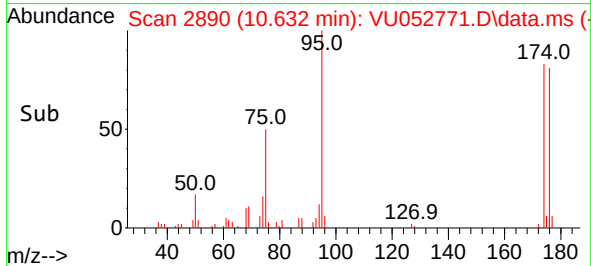
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



Tgt Ion: 95 Resp: 15800
Ion Ratio Lower Upper
95 100
174 81.9 66.9 100.3
176 81.7 61.9 92.9

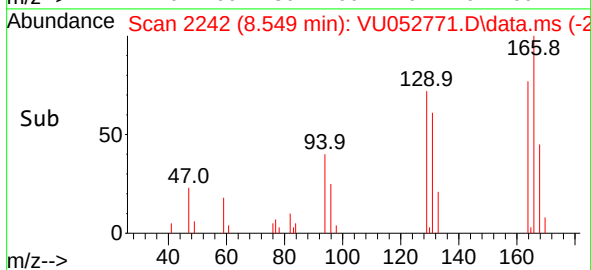
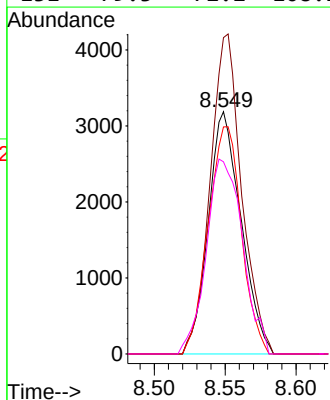
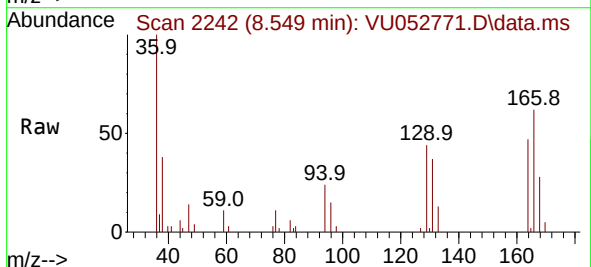
Manual Integrations
APPROVED

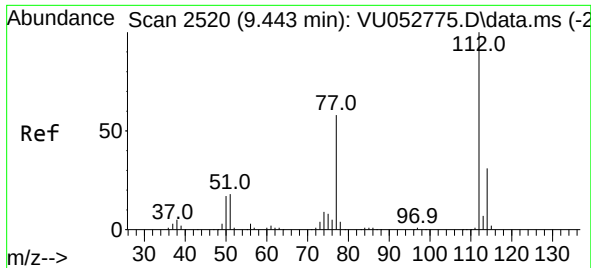
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#58
Tetrachloroethene
Concen: 0.379 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion:164 Resp: 5148
Ion Ratio Lower Upper
164 100
166 130.6 101.5 152.3
129 93.7 75.2 112.8
131 79.3 72.2 108.2





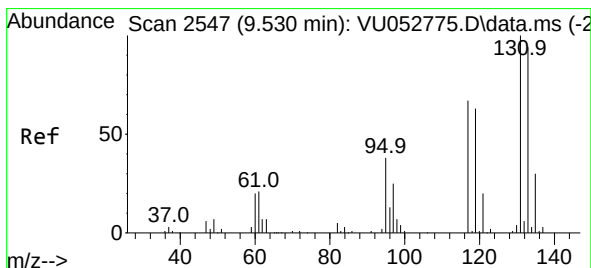
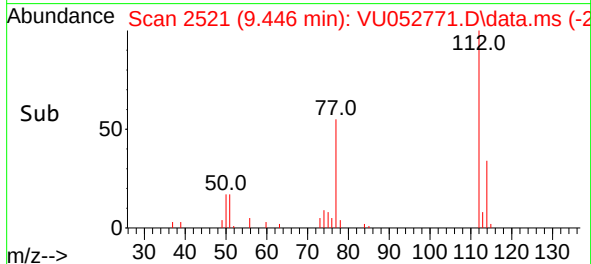
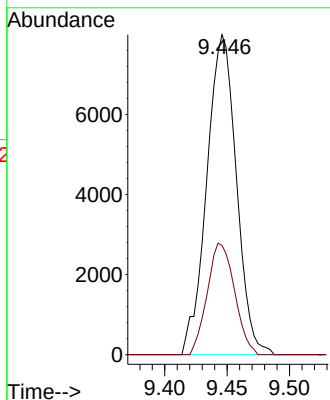
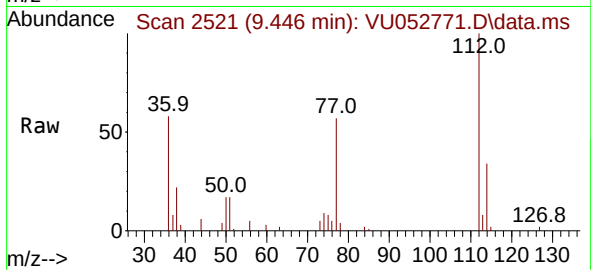
#59
Chlorobenzene
Concen: 0.354 ug/l
RT: 9.446 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:112 Resp: 13230
Ion Ratio Lower Upper
112 100
114 34.1 25.2 37.8

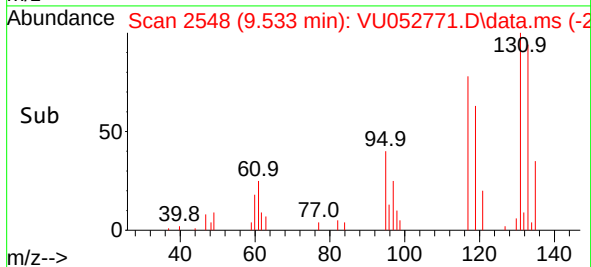
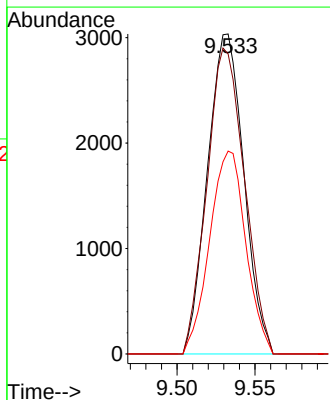
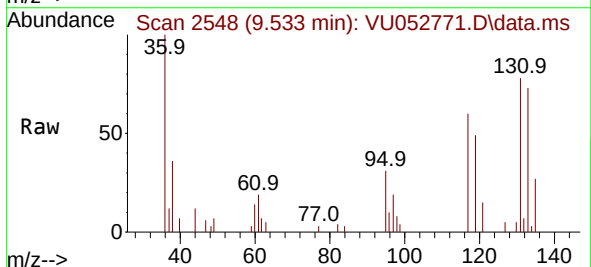
Manual Integrations
APPROVED

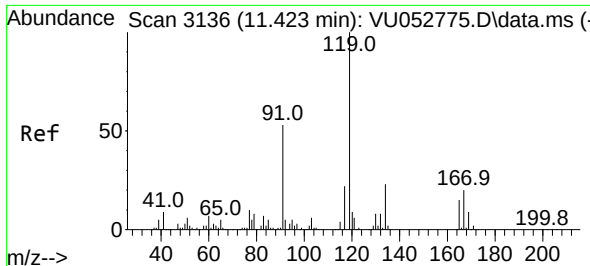
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 0.368 ug/l
RT: 9.533 min Scan# 2548
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion:131 Resp: 4911
Ion Ratio Lower Upper
131 100
133 98.9 77.2 115.8
119 63.2 50.8 76.2





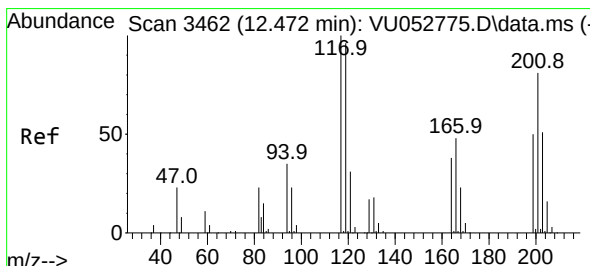
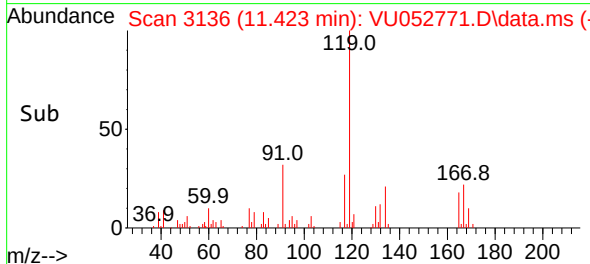
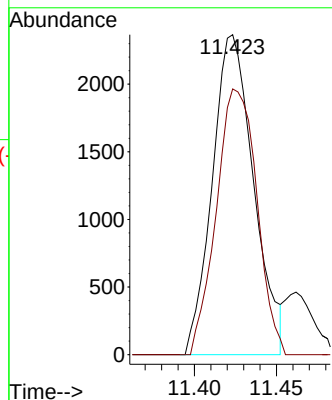
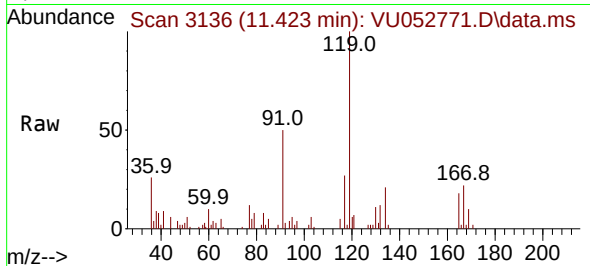
#61
Pentachloroethane
Concen: 0.371 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:117 Resp: 414
Ion Ratio Lower Upper
117 100
167 81.4 66.8 100.2

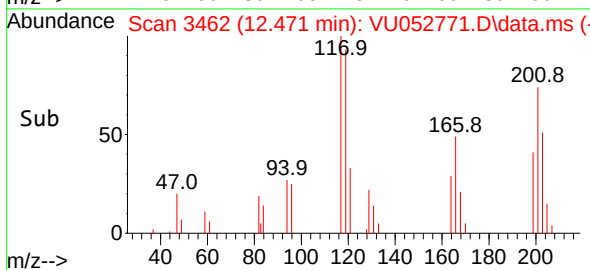
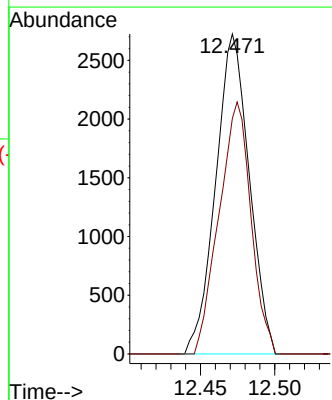
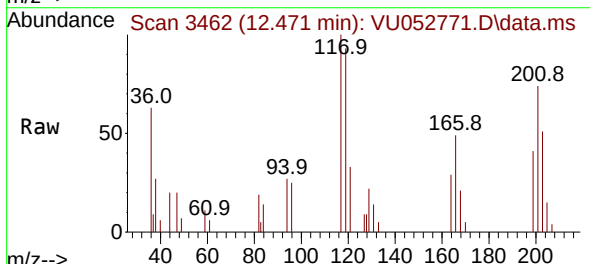
Manual Integrations
APPROVED

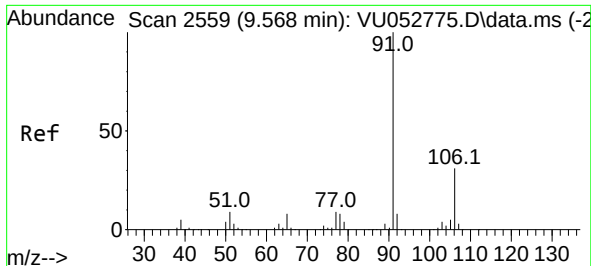
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#62
Hexachloroethane
Concen: 0.413 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion:117 Resp: 4279
Ion Ratio Lower Upper
117 100
201 74.9 64.6 97.0





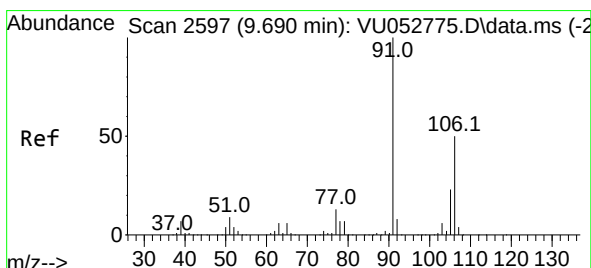
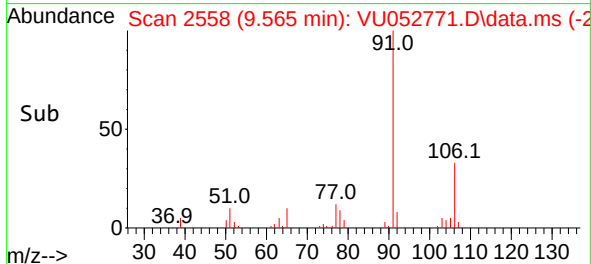
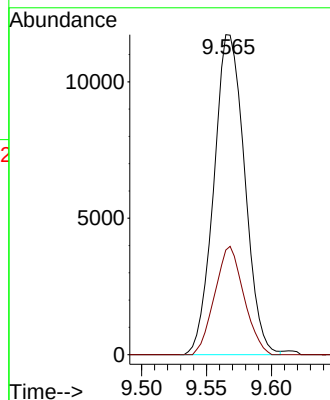
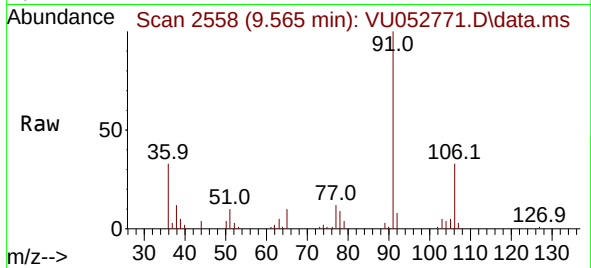
#63
Ethyl Benzene
Concen: 0.333 ug/l
RT: 9.565 min Scan# 2558
Delta R.T. -0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 1934
Ion Ratio Lower Upper
91 100
106 32.7 25.1 37.7

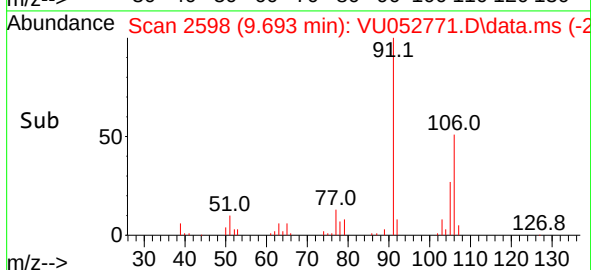
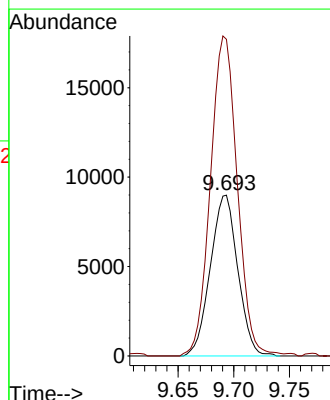
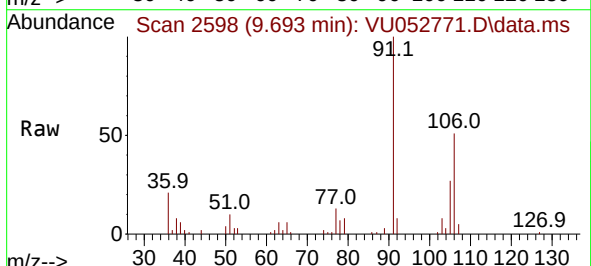
Manual Integrations
APPROVED

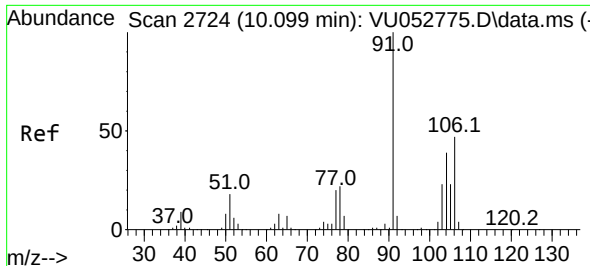
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#64
m/p-Xylenes
Concen: 0.666 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion:106 Resp: 15400
Ion Ratio Lower Upper
106 100
91 194.9 158.7 238.1





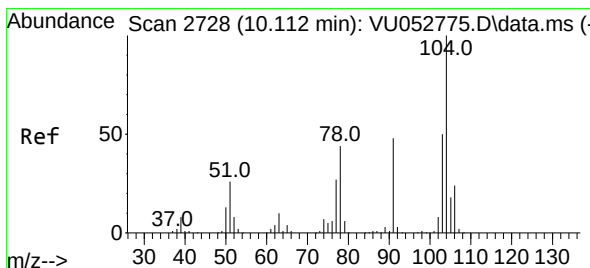
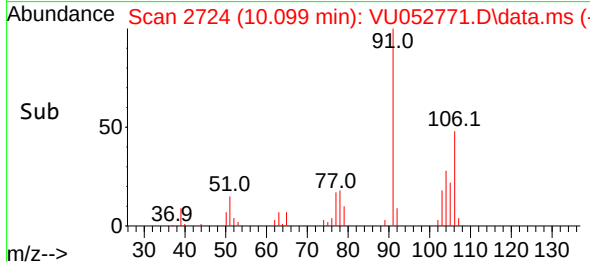
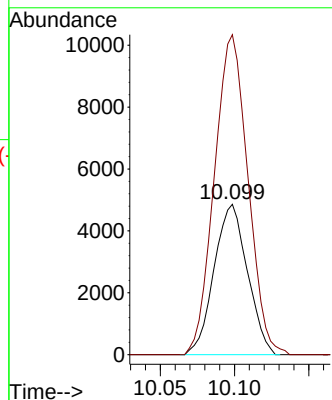
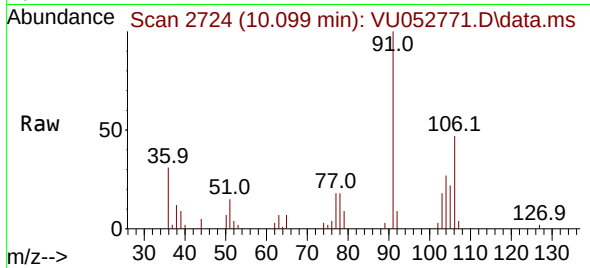
#65
o-Xylene
Concen: 0.343 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:106 Resp: 759
Ion Ratio Lower Upper
106 100
91 214.0 105.6 316.8

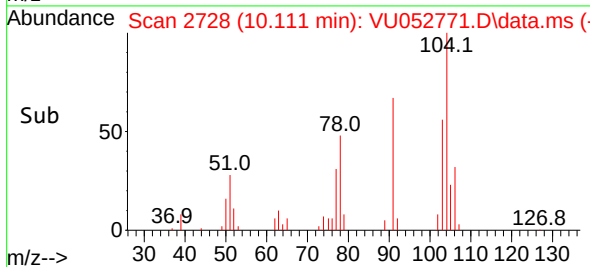
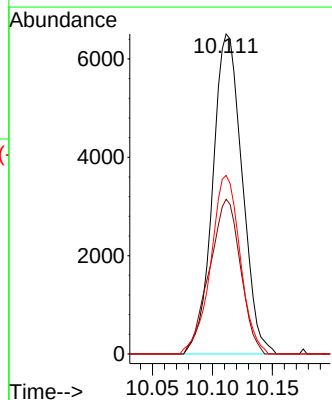
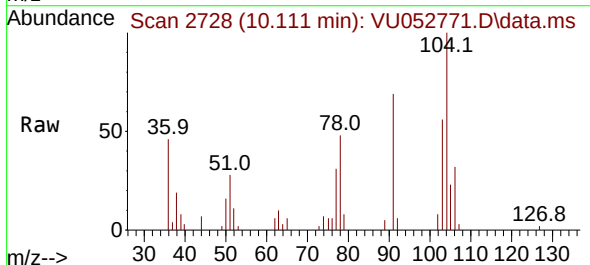
Manual Integrations
APPROVED

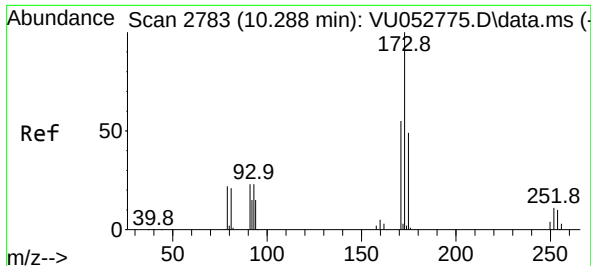
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#66
Styrene
Concen: 0.299 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

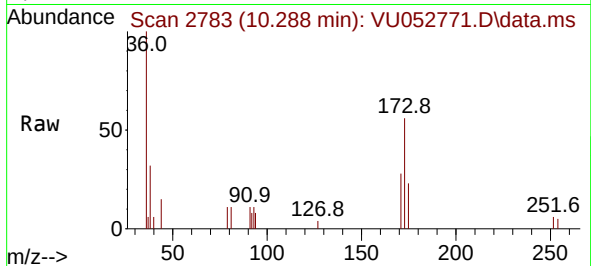
Tgt Ion:104 Resp: 11085
Ion Ratio Lower Upper
104 100
78 50.9 39.6 59.4
103 55.8 42.9 64.3





#67
Bromoform
Concen: 0.367 ug/l
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

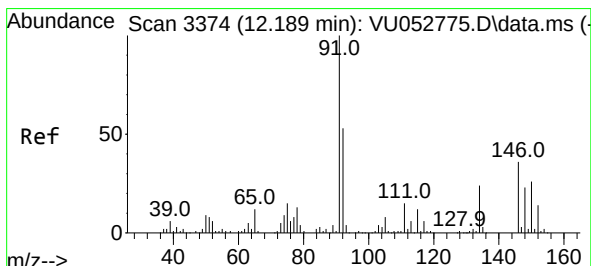
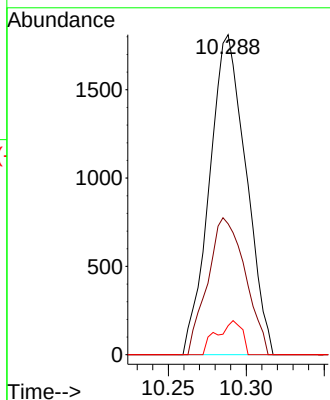
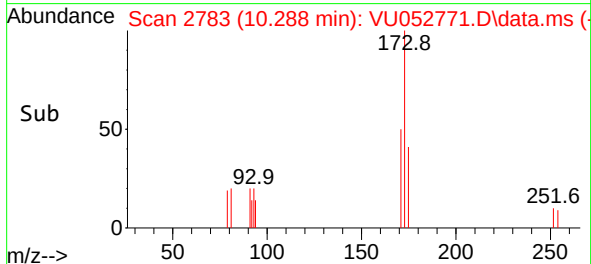
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



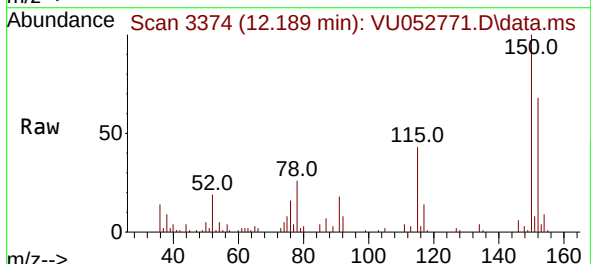
Tgt Ion:173 Resp: 2950
Ion Ratio Lower Upper
173 100
175 43.9 39.5 59.3
254 7.3 8.0 12.0

Manual Integrations
APPROVED

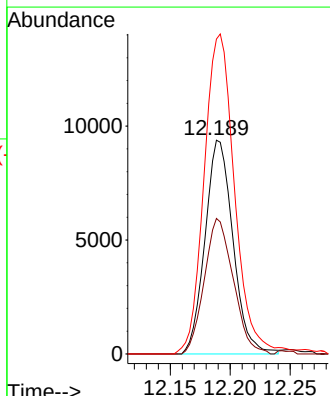
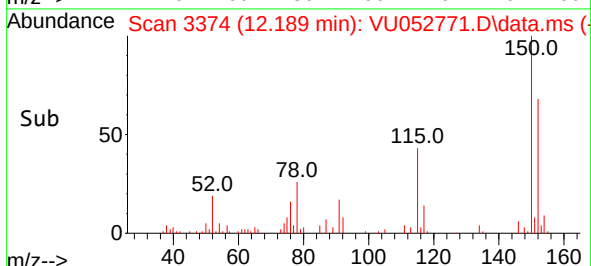
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

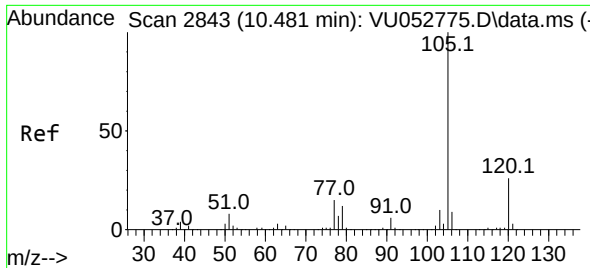


#68
1,2-Dichlorobenzene-d4
Concen: 0.748 ug/l
RT: 12.189 min Scan# 3374
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51



Tgt Ion:152 Resp: 15224
Ion Ratio Lower Upper
152 100
115 65.5 0.0 262.6
150 163.1 0.0 638.0





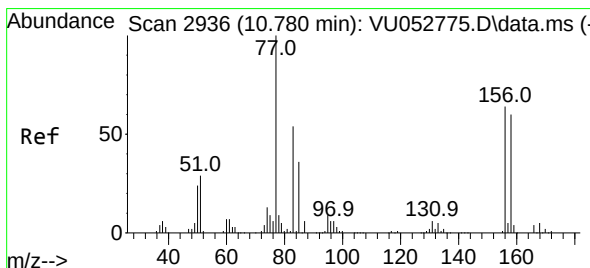
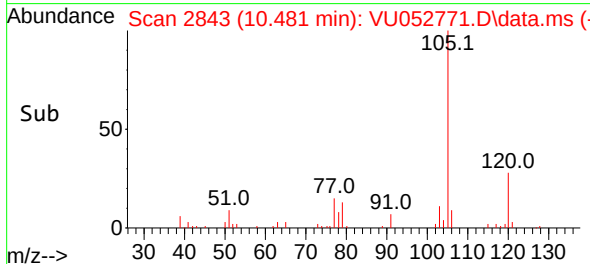
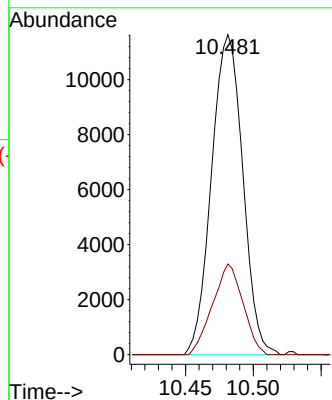
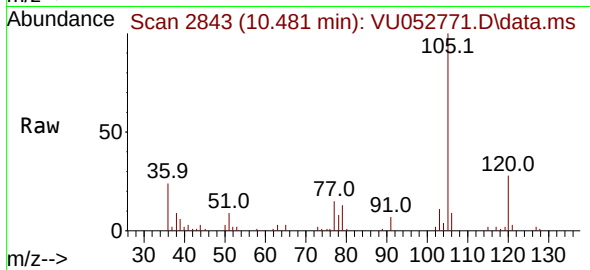
#69
Isopropylbenzene
Concen: 0.324 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 1864
Ion Ratio Lower Upper
105 100
120 27.5 13.3 39.9

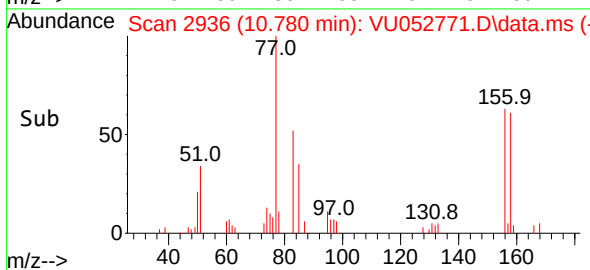
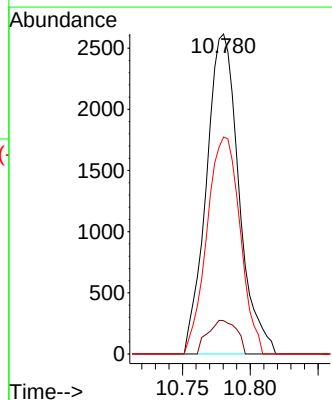
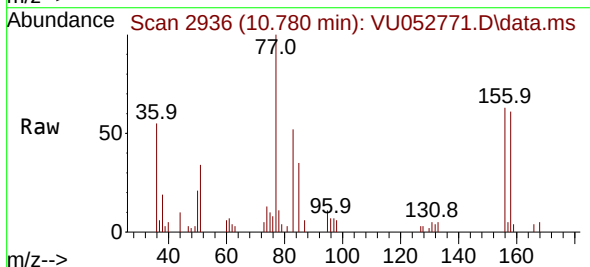
Manual Integrations
APPROVED

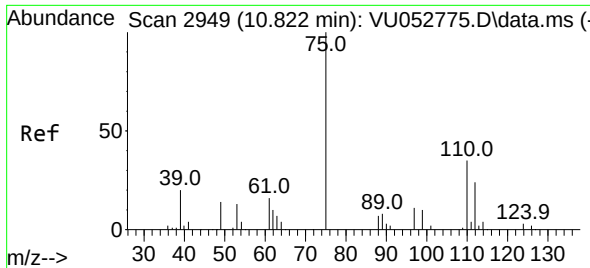
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 0.317 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

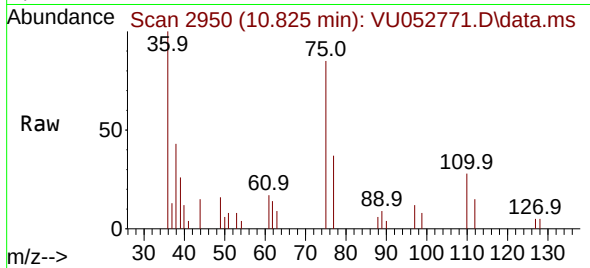
Tgt Ion: 83 Resp: 4360
Ion Ratio Lower Upper
83 100
131 9.3 8.6 13.0
85 69.0 52.6 78.8





#71
1,2,3-Trichloropropane
Concen: 0.349 ug/l m
RT: 10.825 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

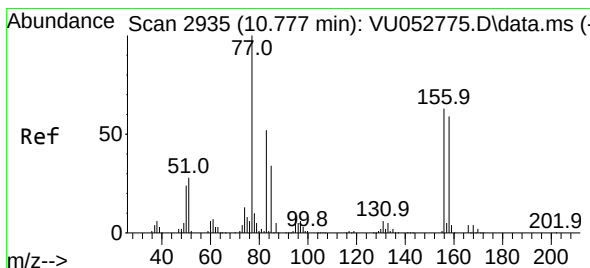
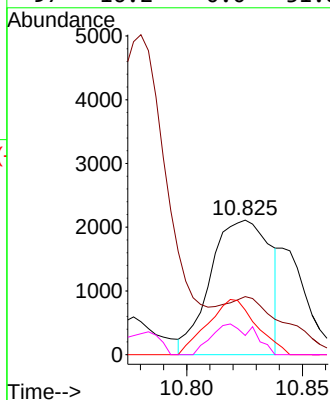
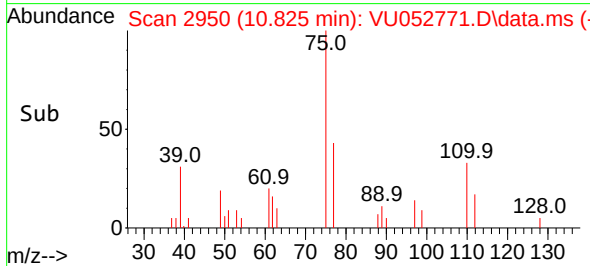
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



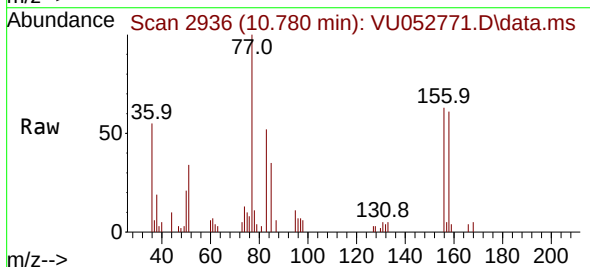
Tgt Ion:	75	Resp:	3770
Ion Ratio	100	Lower	Upper
75	100	0.0	86.0
110	33.6	0.0	63.8
97	16.2	0.0	31.8

Manual Integrations
APPROVED

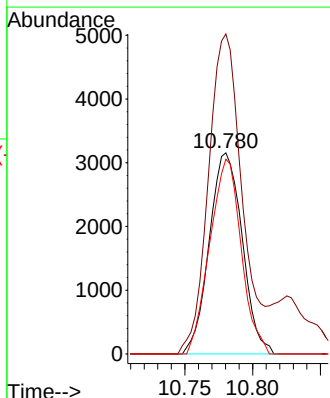
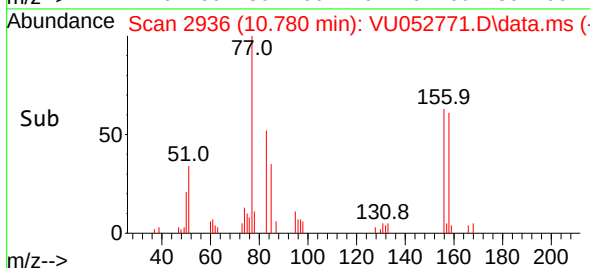
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

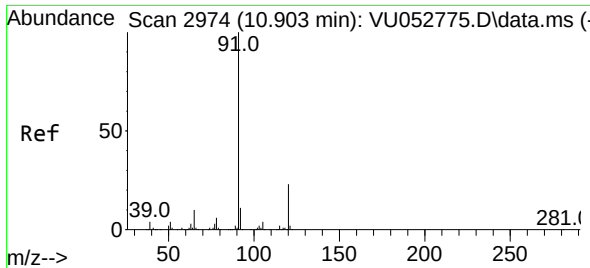


#72
Bromobenzene
Concen: 0.316 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51



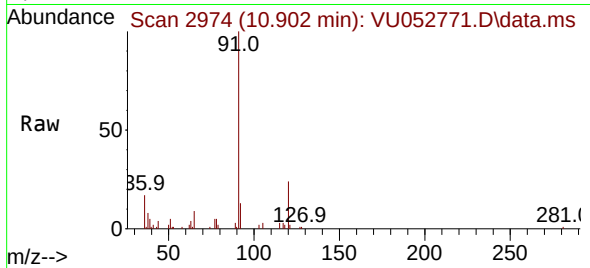
Tgt Ion:	156	Resp:	5338
Ion Ratio	100	Lower	Upper
156	100	0.0	321.2
77	161.4	0.0	192.0
158	92.2	0.0	192.0





#73
n-propylbenzene
Concen: 0.312 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

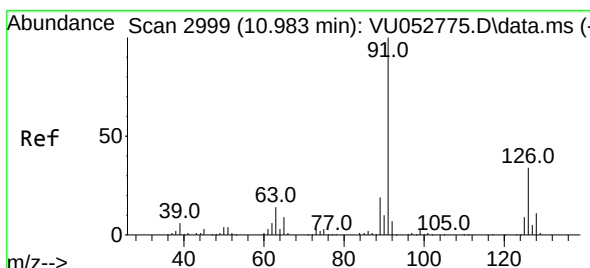
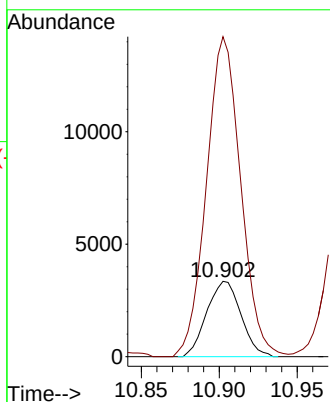
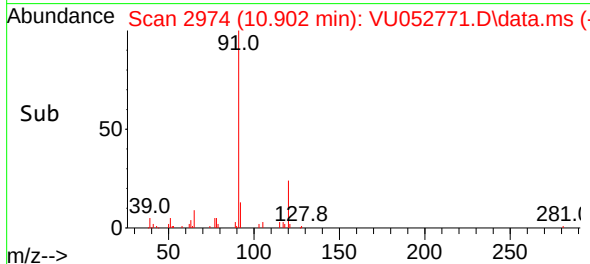
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



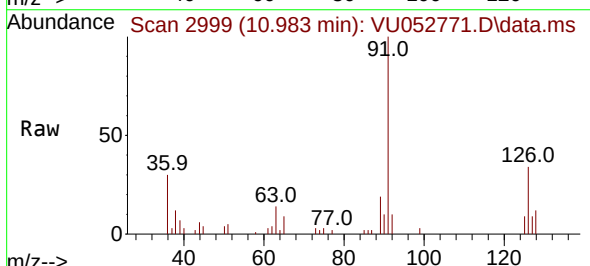
Tgt Ion:120 Resp: 5102
Ion Ratio Lower Upper
120 100
91 426.3 348.0 522.0

Manual Integrations
APPROVED

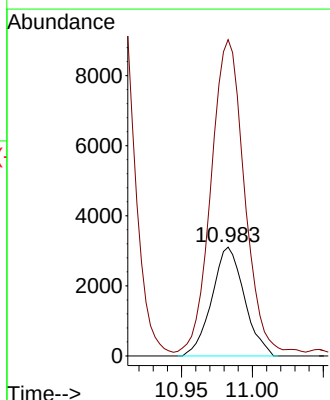
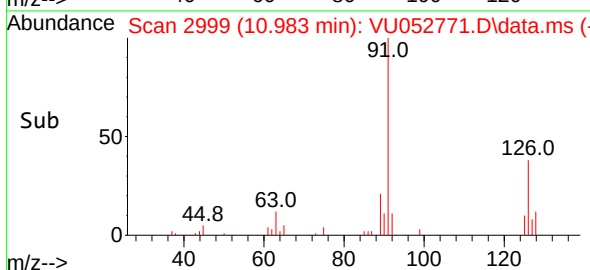
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

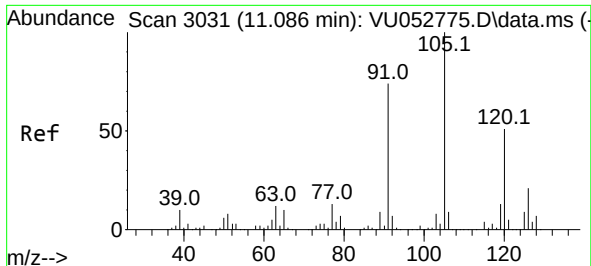


#74
2-Chlorotoluene
Concen: 0.322 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51



Tgt Ion:126 Resp: 4953
Ion Ratio Lower Upper
126 100
91 294.9 0.0 588.6





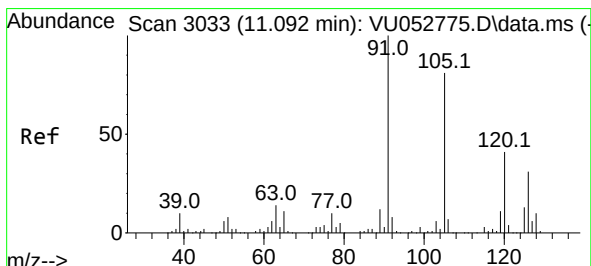
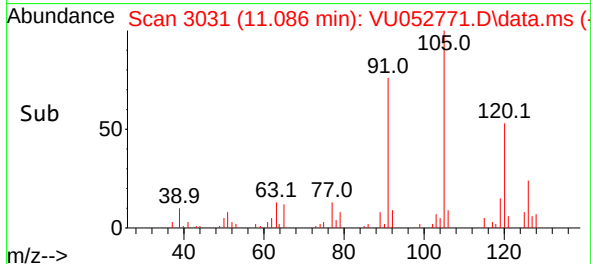
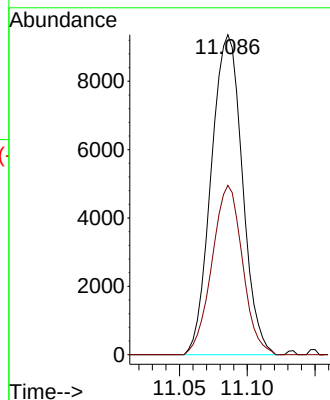
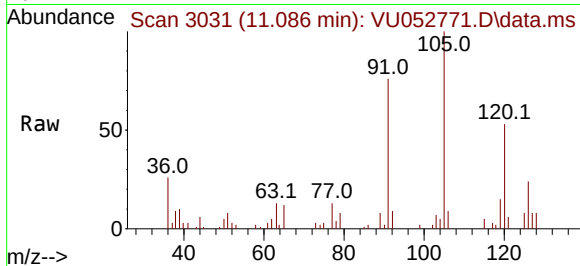
#75
1,3,5-Trimethylbenzene
Concen: 0.305 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:105 Resp: 1495
Ion Ratio Lower Upper
105 100
120 51.8 39.9 59.9

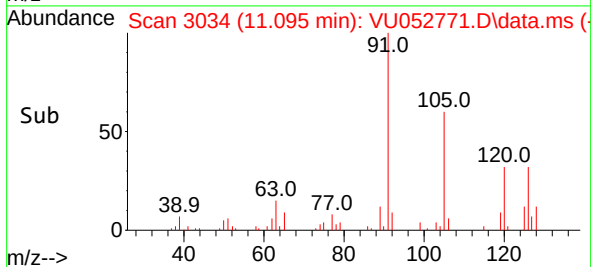
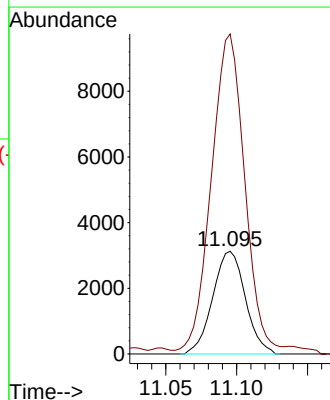
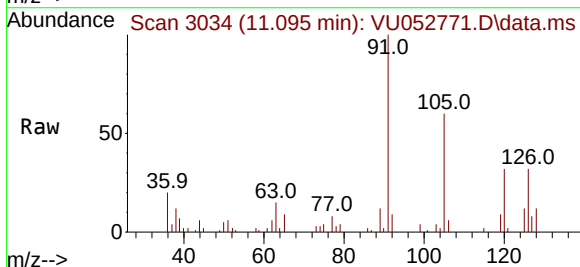
Manual Integrations
APPROVED

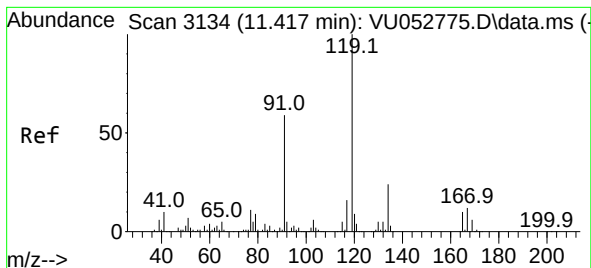
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#76
4-Chlorotoluene
Concen: 0.309 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Tgt Ion:126 Resp: 5010
Ion Ratio Lower Upper
126 100
91 325.3 0.0 661.8





#77

tert-Butylbenzene

Concen: 0.336 ug/l

RT: 11.417 min Scan# 3134

Delta R.T. -0.000 min

Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion:119 Resp: 1667

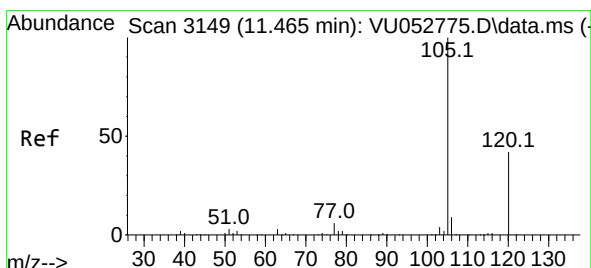
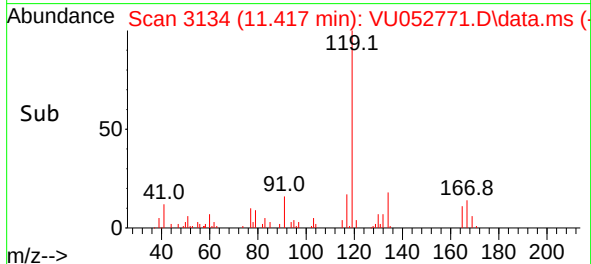
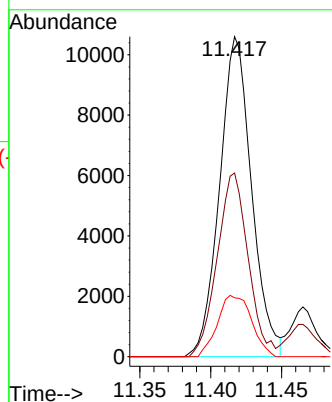
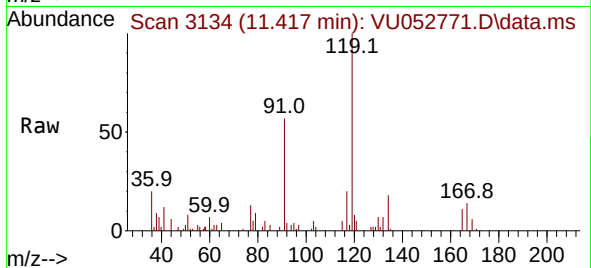
Ion	Ratio	Lower	Upper
119	100		
91	55.4	28.4	85.3
134	20.3	18.6	27.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#78

1,2,4-Trimethylbenzene

Concen: 0.291 ug/l

RT: 11.465 min Scan# 3149

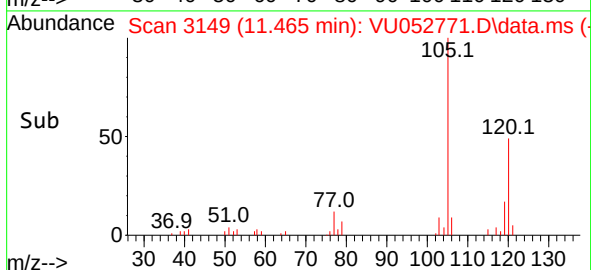
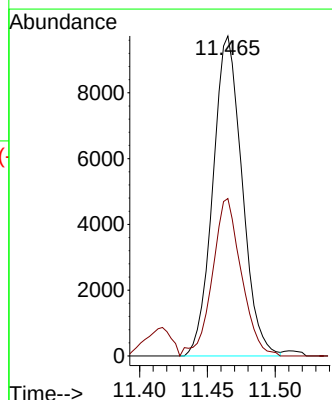
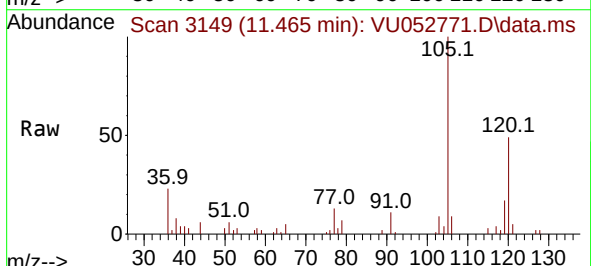
Delta R.T. -0.000 min

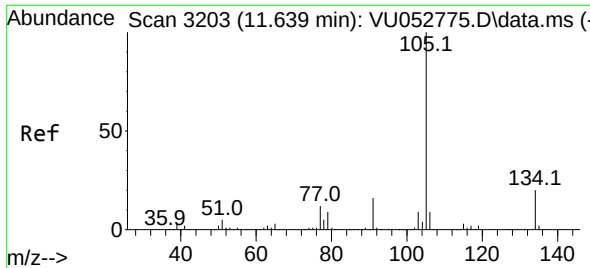
Lab File: VU052771.D

Acq: 23 Jan 2023 10:51

Tgt Ion:105 Resp: 14577

Ion	Ratio	Lower	Upper
105	100		
120	48.7	23.4	70.3





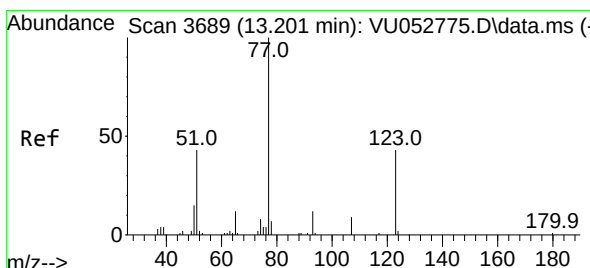
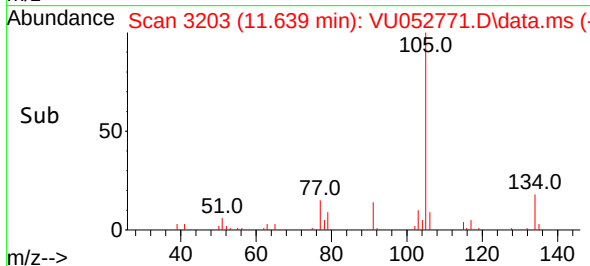
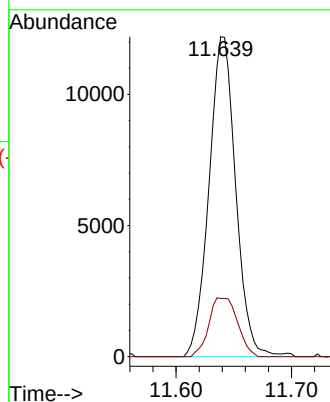
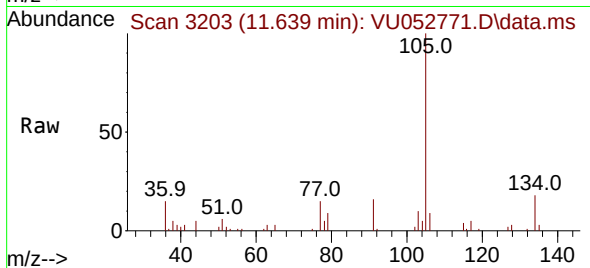
#79
 sec-Butylbenzene
 Concen: 0.301 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU052771.D
 Acq: 23 Jan 2023 10:51

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:105 Resp: 1955
 Ion Ratio Lower Upper
 105 100
 134 19.7 16.5 24.7

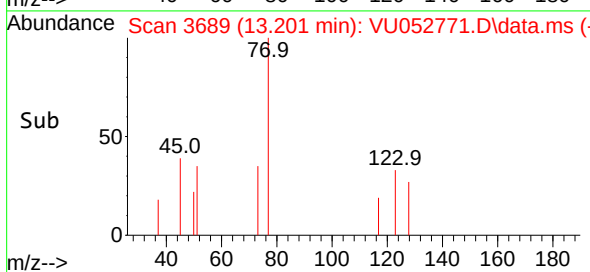
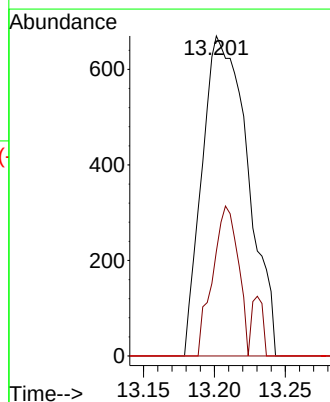
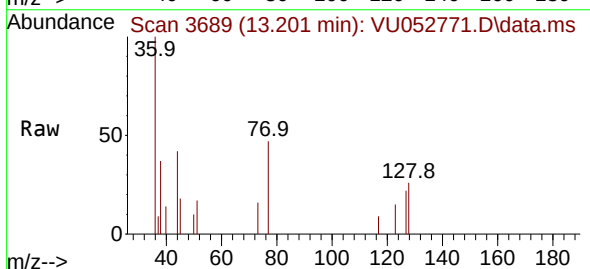
Manual Integrations
 APPROVED

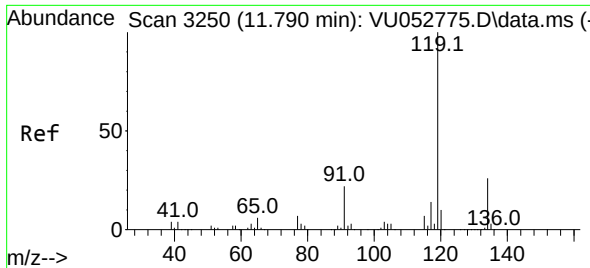
Reviewed By :Krupa Patel 01/24/2023
 Supervised By :Mahesh Dadoda 01/24/2023



#80
 Nitrobenzene
 Concen: 2.655 ug/l
 RT: 13.201 min Scan# 3689
 Delta R.T. -0.000 min
 Lab File: VU052771.D
 Acq: 23 Jan 2023 10:51

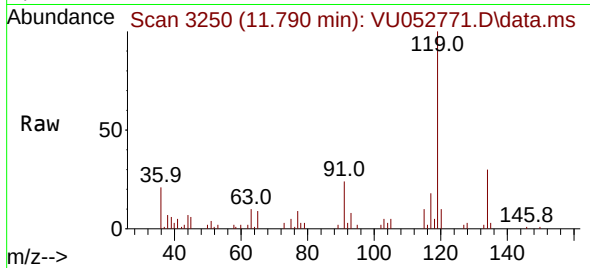
Tgt Ion: 77 Resp: 1501
 Ion Ratio Lower Upper
 77 100
 123 26.2 18.8 66.8
 65 0.0 10.1 12.9#





#81
p-Isopropyltoluene
Concen: 0.287 ug/l
RT: 11.790 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

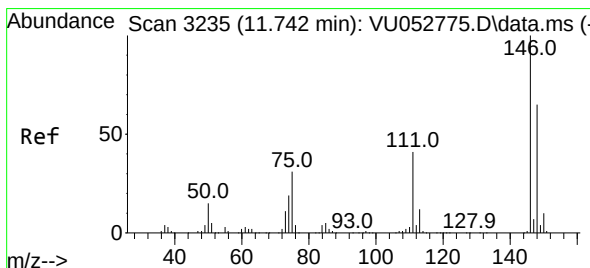
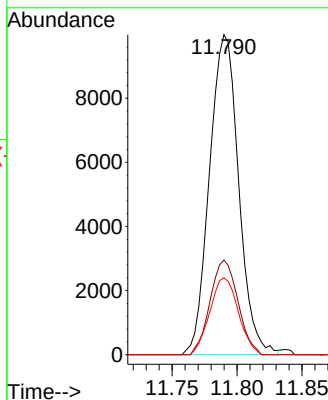
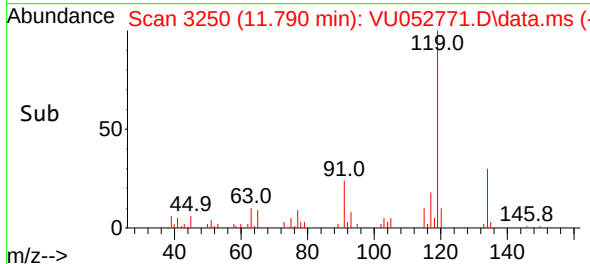
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



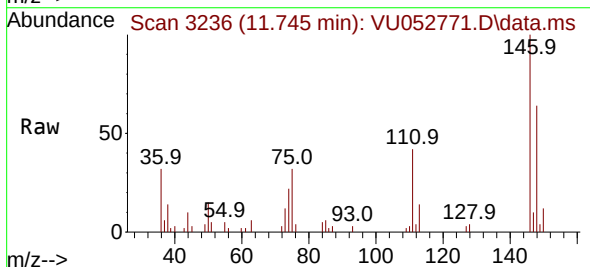
Tgt Ion:119 Resp: 15600
Ion Ratio Lower Upper
119 100
134 28.1 20.7 31.1
91 23.3 17.6 26.4

Manual Integrations
APPROVED

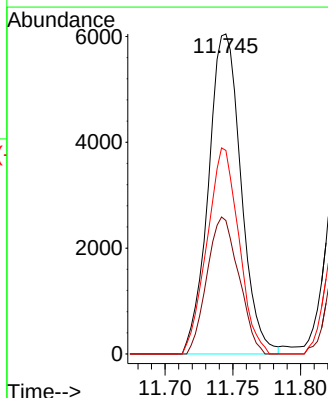
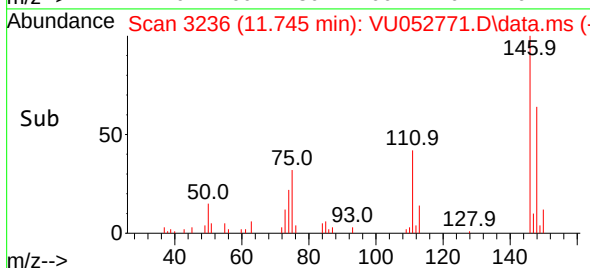
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

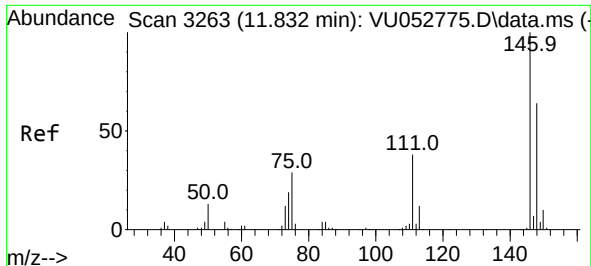


#82
1,3-Dichlorobenzene
Concen: 0.297 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51



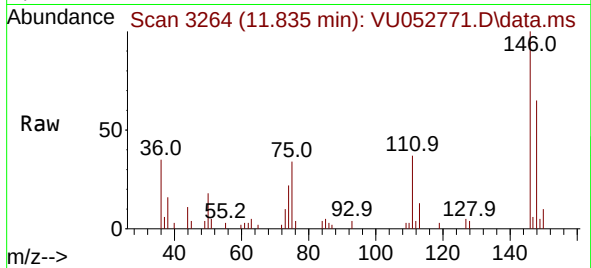
Tgt Ion:146 Resp: 10129
Ion Ratio Lower Upper
146 100
111 41.6 32.6 48.8
148 62.7 51.9 77.9





#83
1,4-Dichlorobenzene
Concen: 0.311 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

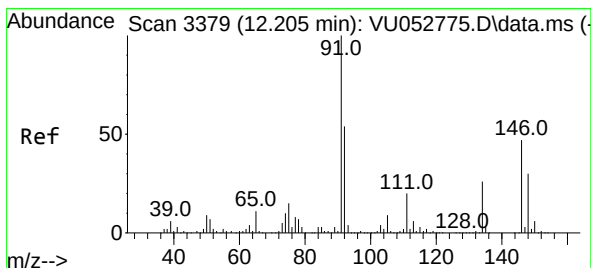
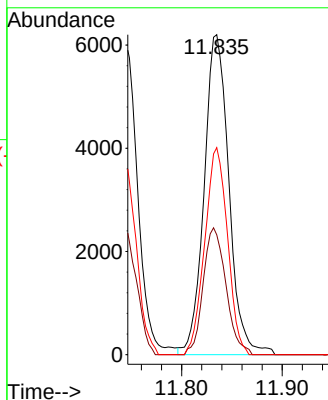
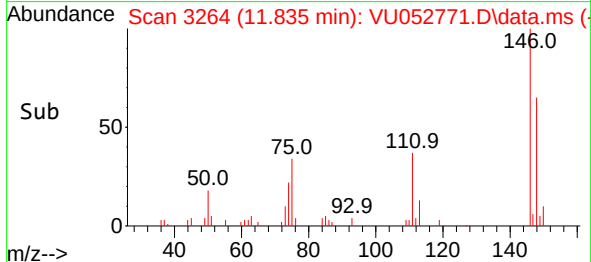
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5



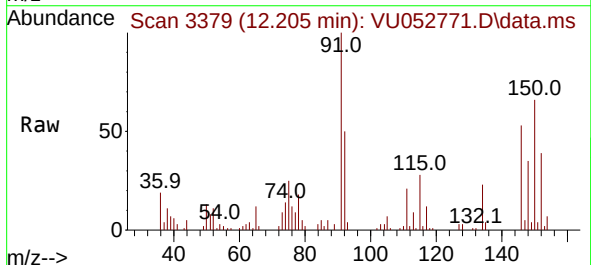
Tgt Ion:146 Resp: 1062
Ion Ratio Lower Upper
146 100
111 36.5 29.5 44.3
148 59.4 51.4 77.0

Manual Integrations
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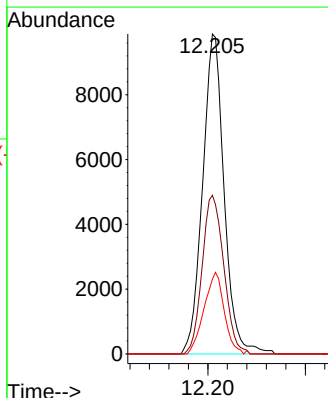
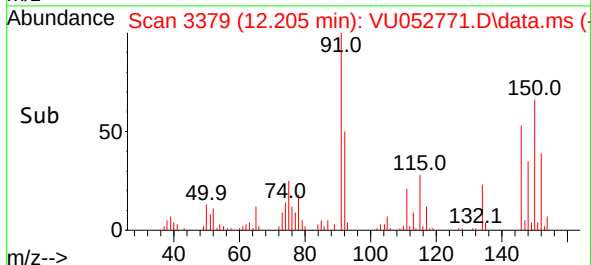
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

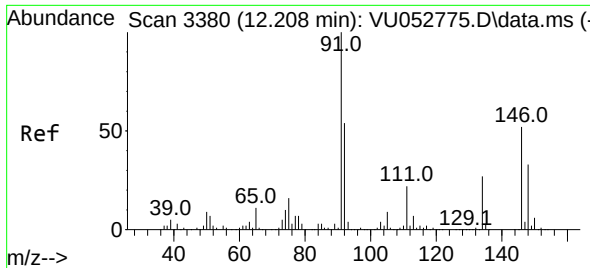


#84
n-Butylbenzene
Concen: 0.295 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51



Tgt Ion: 91 Resp: 15128
Ion Ratio Lower Upper
91 100
92 49.8 43.4 65.0
134 24.0 21.2 31.8





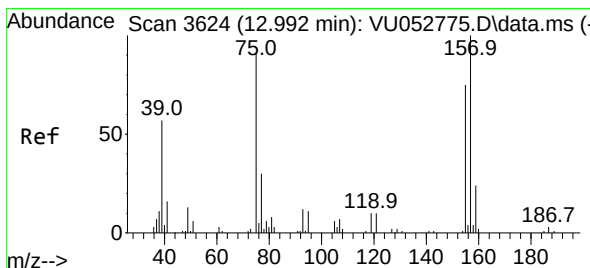
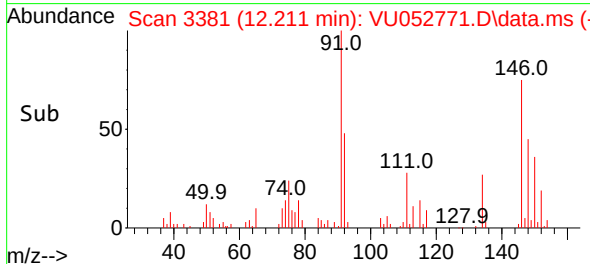
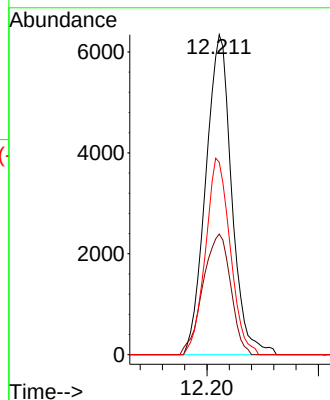
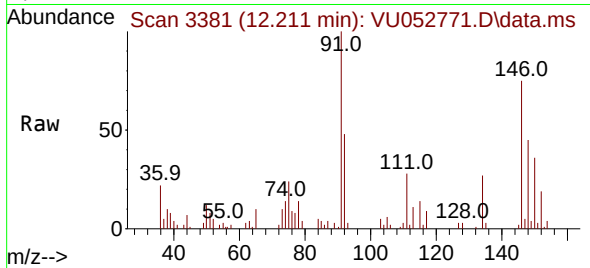
#85
1,2-Dichlorobenzene
Concen: 0.317 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 10254
Ion Ratio Lower Upper
146 100
111 40.3 20.8 62.5
148 58.7 31.4 94.2

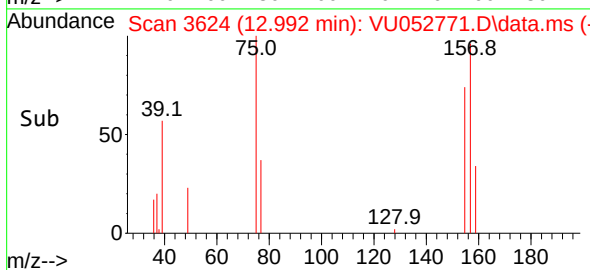
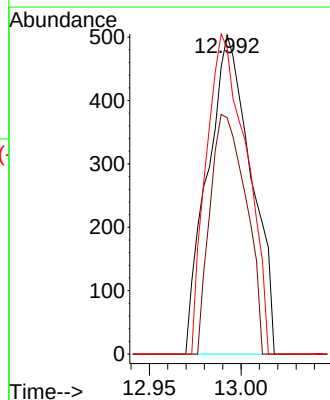
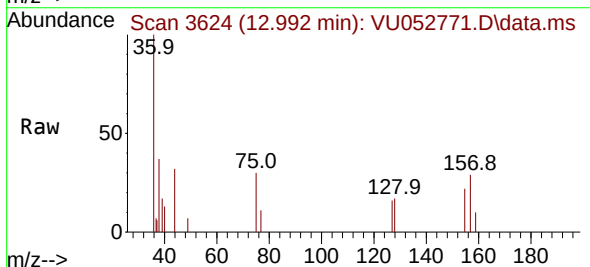
Manual Integrations
APPROVED

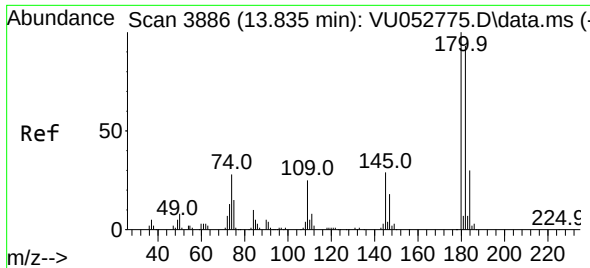
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.373 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

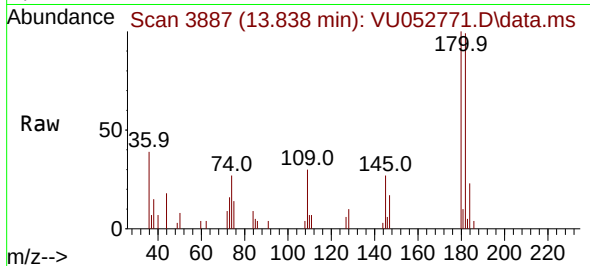
Tgt Ion: 75 Resp: 831
Ion Ratio Lower Upper
75 100
155 61.9 66.0 99.0#
157 92.4 85.9 128.9





#87
1,2,4-Trichlorobenzene
Concen: 0.243 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

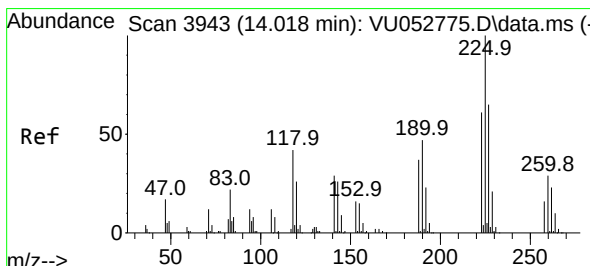
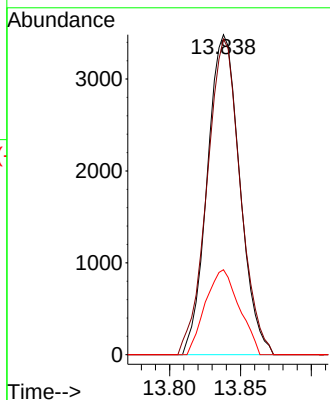
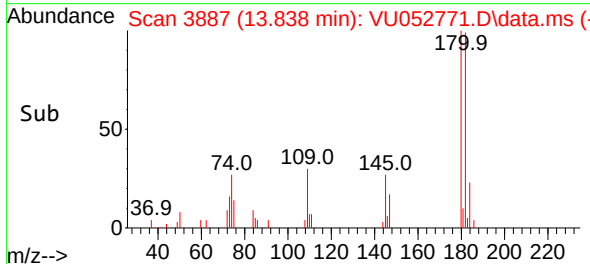
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



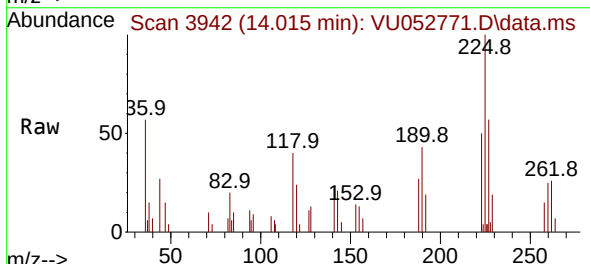
Tgt Ion:180 Resp: 555
Ion Ratio Lower Upper
180 100
182 100.7 74.6 112.0
145 27.6 23.4 35.0

Manual Integrations
APPROVED

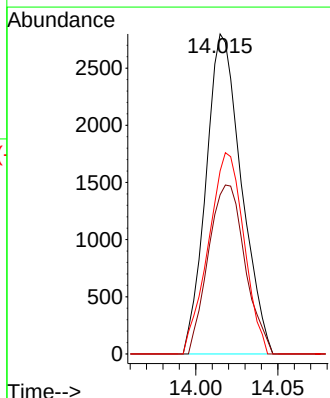
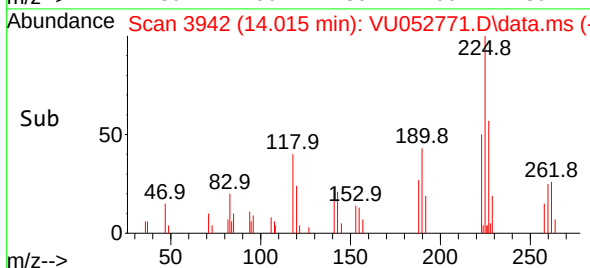
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

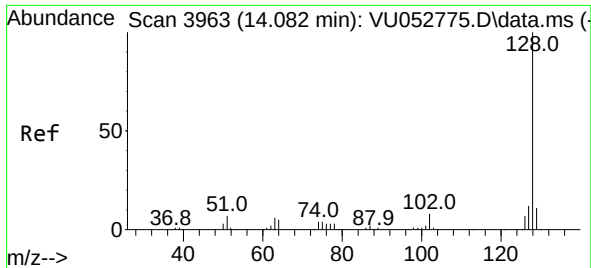


#88
Hexachlorobutadiene
Concen: 0.304 ug/l
RT: 14.015 min Scan# 3942
Delta R.T. -0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51



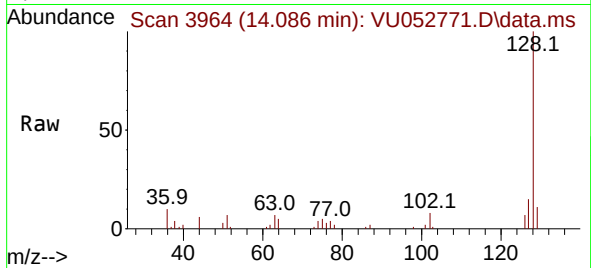
Tgt Ion:225 Resp: 4185
Ion Ratio Lower Upper
225 100
223 55.0 49.8 74.6
227 63.2 51.5 77.3





#89
Naphthalene
Concen: 0.594 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51

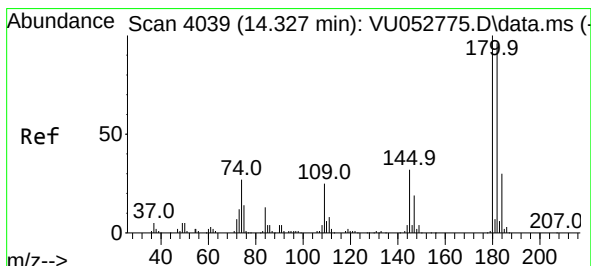
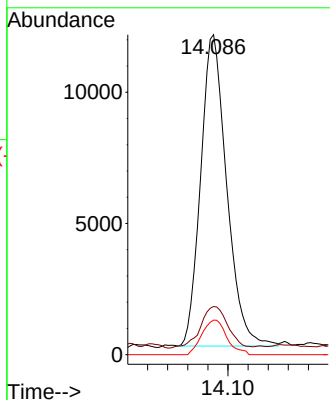
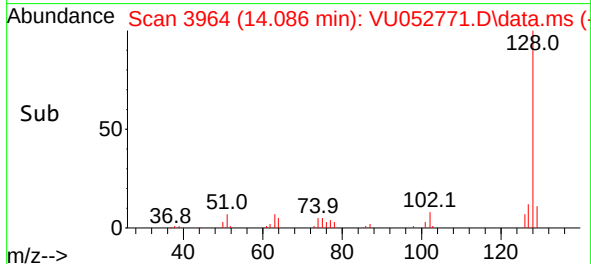
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5



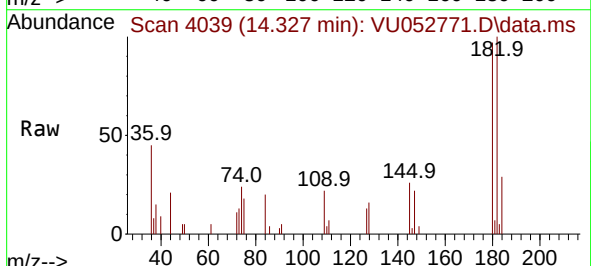
Tgt Ion:128 Resp: 21345
Ion Ratio Lower Upper
128 100
127 14.1 10.2 15.4
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#90
1,2,3-Trichlorobenzene
Concen: 0.229 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU052771.D
Acq: 23 Jan 2023 10:51



Tgt Ion:180 Resp: 4876
Ion Ratio Lower Upper
180 100
182 102.9 77.8 116.6
145 29.2 25.2 37.8

