

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012323\
 Data File : VU052772.D
 Acq On : 23 Jan 2023 11:52
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

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

Quant Time: Jan 24 04:33:47 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	6.108	96	42907	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	13661	0.891	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
68) 1,2-Dichlorobenzene-d4	12.188	152	13783	0.757	ug/l	0.00
Spiked Amount 1.000			Recovery	=	76.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	12658	0.831	ug/l	95
3) Chloromethane	1.520	50	13066	0.788	ug/l	98
4) Vinyl Chloride	1.604	62	12129	0.814	ug/l	99
5) Bromomethane	1.858	94	6141	0.671	ug/l	94
6) Chloroethane	1.932	64	6593	0.719	ug/l	98
7) Trichlorofluoromethane	2.137	101	17181	0.853	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	9262	0.805	ug/l	100
9) 1,1-Dichloroethene	2.578	96	8531	0.749	ug/l	95
10) Iodomethane	2.719	142	8659	1.002	ug/l	89
11) Allyl Chloride	2.922	41	10384	0.675	ug/l	95
12) Acrylonitrile	3.321	53	3675	1.301	ug/l	98
13) Acetone	2.639	43	13435	5.519	ug/l	90
14) Carbon Disulfide	2.790	76	30502	0.838	ug/l	99
15) Methylene Chloride	3.041	84	11347	0.628	ug/l	98
16) trans-1,2-Dichloroethene	3.350	96	9660	0.771	ug/l	93
17) 1,1-Dichloroethane	3.864	63	16549	0.804	ug/l	97
18) 2-Butanone	4.723	43	15143	4.825	ug/l	99
19) Cyclohexane	5.382	56	15095m	0.958	ug/l	
20) Methylcyclohexane	6.755	83	15492	0.870	ug/l	96
21) 2,2-Dichloropropane	4.661	77	15719	0.919	ug/l	97
22) cis-1,2-Dichloroethene	4.665	96	10215	0.798	ug/l	96
23) Diethyl Ether	2.375	59	6304	0.745	ug/l	95
24) tert-Butyl Alcohol	3.234	59	7781m	8.462	ug/l	
25) Methyl tert-Butyl Ether	3.366	73	20402	0.728	ug/l	99
26) Bromochloromethane	4.973	128	4990	0.789	ug/l	86
27) Chloroform	5.083	83	18167	0.831	ug/l	96
28) 1,1,1-Trichloroethane	5.311	97	16143	0.861	ug/l	98
29) 1,1-Dichloropropene	5.523	75	13758	0.872	ug/l	98
30) Carbon Tetrachloride	5.520	117	14670	0.890	ug/l	94
31) Isopropyl Ether	3.996	45	23758	0.835	ug/l	99
32) Ethyl-t-butyl ether	4.507	59	21875	0.795	ug/l	97
33) Tert-Amyl methyl ether	5.944	73	19031	0.768	ug/l	99
34) Propionitrile	4.793	54	3468	3.590	ug/l #	8
35) Benzene	5.767	78	39847	0.845	ug/l	99
36) 1,2-Dichloroethane	5.793	62	12036	0.865	ug/l	97
37) Trichloroethene	6.539	130	10462	0.770	ug/l	92
38) 1,2-Dichloropropane	6.787	63	10331	0.861	ug/l	93
39) Methacrylonitrile	4.976	41	2945	0.850	ug/l	96
40) Methyl acrylate	4.848	55	4771	0.829	ug/l #	96
41) Tetrahydrofuran	5.067	42	2956	1.531	ug/l #	85
42) 1-Chlorobutane	5.456	56	17279	0.854	ug/l	94
43) Dibromomethane	6.919	93	4927	0.730	ug/l	98
44) Bromodichloromethane	7.105	83	13862	0.868	ug/l	97

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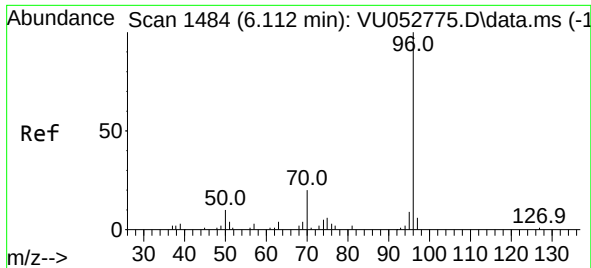
Manual Integrations
 APPROVED

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

Quant Time: Jan 24 04:33:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	25349	3.634	ug/l	97
46) t-1,4-Dichloro-2-butene	10.825	75	5571m	1.678	ug/l	
47) Methyl methacrylate	6.964	69	8501	1.539	ug/l	100
48) Ethyl methacrylate	8.336	69	7189	0.708	ug/l	98
49) Toluene	7.967	92	23540	0.823	ug/l	97
50) t-1,3-Dichloropropene	8.208	75	11944	0.845	ug/l	96
51) cis-1,3-Dichloropropene	7.603	75	13874	0.852	ug/l	98
52) 1,1,2-Trichloroethane	8.398	97	7317	0.764	ug/l	94
53) 1,3-Dichloropropane	8.574	76	12730	0.802	ug/l	96
54) 2-Hexanone	8.687	43	21036	4.065	ug/l	98
55) Dibromochloromethane	8.809	129	9319	0.807	ug/l	95
56) 1,2-Dibromoethane	8.922	107	6998	0.768	ug/l	96
58) Tetrachloroethene	8.549	164	9914	0.815	ug/l	96
59) Chlorobenzene	9.443	112	25361	0.759	ug/l	91
60) 1,1,1,2-Tetrachloroethane	9.529	131	10249	0.858	ug/l	97
61) Pentachloroethane	11.423	117	8493	0.851	ug/l	98
62) Hexachloroethane	12.471	117	8298	0.896	ug/l	97
63) Ethyl Benzene	9.568	91	38389	0.740	ug/l	99
64) m/p-Xylenes	9.690	106	30393	1.468	ug/l	100
65) o-Xylene	10.098	106	14501	0.732	ug/l	99
66) Styrene	10.111	104	22491	0.679	ug/l	98
67) Bromoform	10.288	173	5667	0.786	ug/l #	96
69) Isopropylbenzene	10.481	105	36483	0.708	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.777	83	8756	0.711	ug/l	94
71) 1,2,3-Trichloropropane	10.825	75	7273m	0.751	ug/l	
72) Bromobenzene	10.780	156	10072	0.667	ug/l	98
73) n-propylbenzene	10.902	120	10039	0.686	ug/l	97
74) 2-Chlorotoluene	10.983	126	9826	0.713	ug/l	95
75) 1,3,5-Trimethylbenzene	11.086	105	30863	0.704	ug/l	98
76) 4-Chlorotoluene	11.095	126	9511	0.656	ug/l	97
77) tert-Butylbenzene	11.417	119	32555	0.732	ug/l	97
78) 1,2,4-Trimethylbenzene	11.465	105	30049	0.670	ug/l	99
79) sec-Butylbenzene	11.642	105	40395	0.696	ug/l	98
80) Nitrobenzene	13.208	77	2962	5.857	ug/l #	91
81) p-Isopropyltoluene	11.790	119	32494	0.668	ug/l	95
82) 1,3-Dichlorobenzene	11.742	146	19688	0.646	ug/l	97
83) 1,4-Dichlorobenzene	11.832	146	19661	0.643	ug/l	98
84) n-Butylbenzene	12.205	91	29098	0.635	ug/l	96
85) 1,2-Dichlorobenzene	12.208	146	18683	0.646	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.989	75	1607	0.806	ug/l	91
87) 1,2,4-Trichlorobenzene	13.838	180	10781	0.527	ug/l	99
88) Hexachlorobutadiene	14.018	225	8034	0.651	ug/l	94
89) Naphthalene	14.085	128	25156	0.782	ug/l	98
90) 1,2,3-Trichlorobenzene	14.327	180	10316	0.542	ug/l	95

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



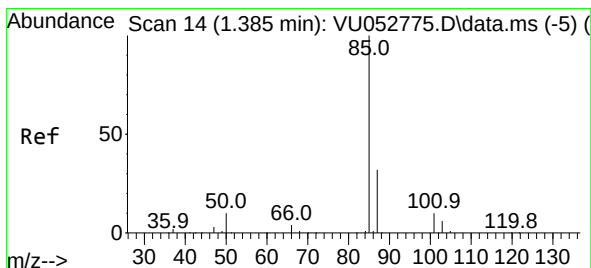
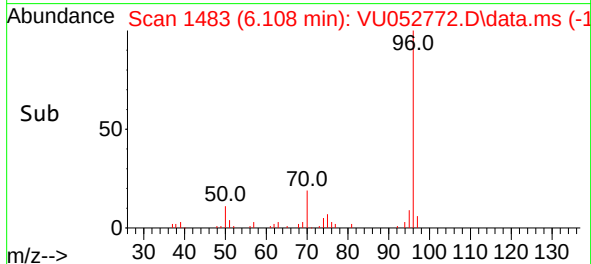
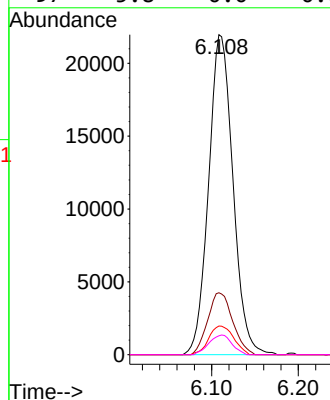
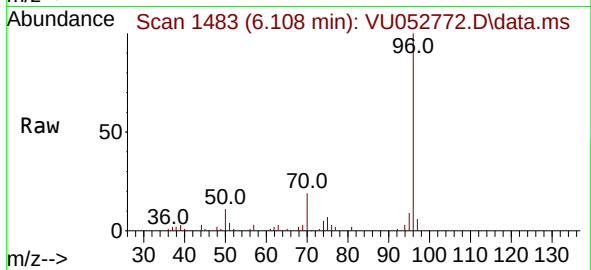
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Fluorobenzene
Concen: 1.000 ug/l
RT: 6.108 min Scan# 14
Delta R.T. -0.004 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 4290
Ion Ratio Lower Upper
96 100
70 19.8 16.2 24.4
95 9.2 7.4 11.0
97 5.8 0.0 0.0#

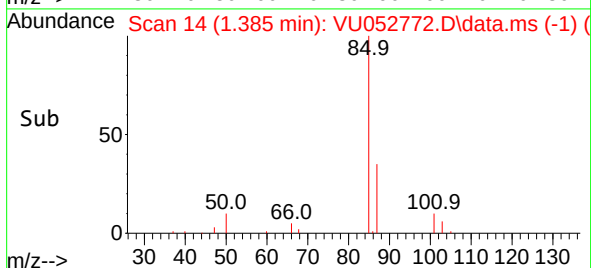
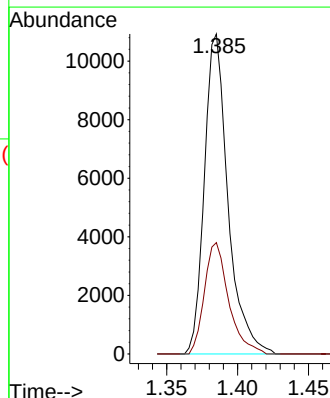
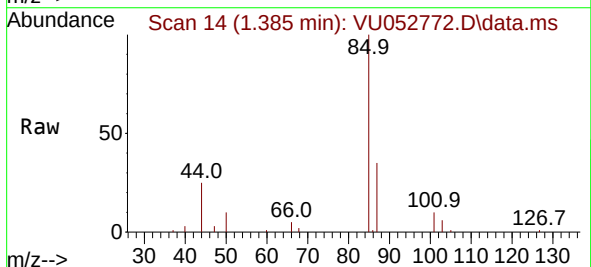
Manual Integrations
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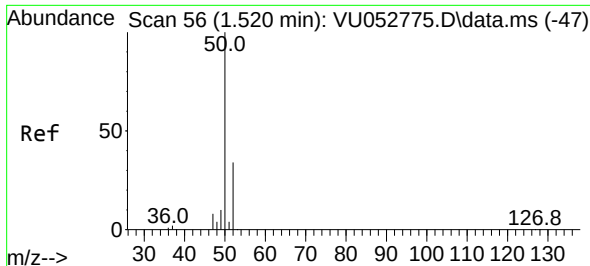
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#2
Dichlorodifluoromethane
Concen: 0.831 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion: 85 Resp: 12658
Ion Ratio Lower Upper
85 100
87 34.8 16.1 48.2





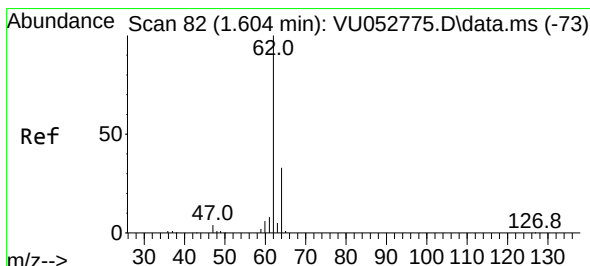
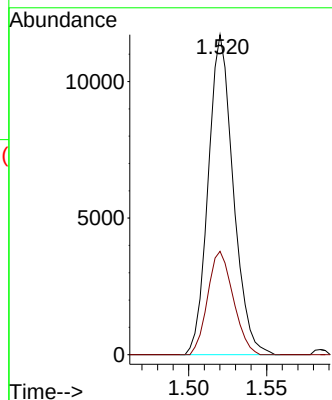
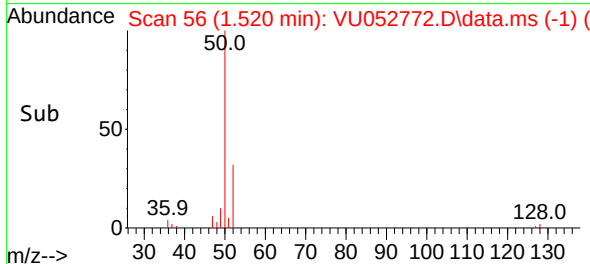
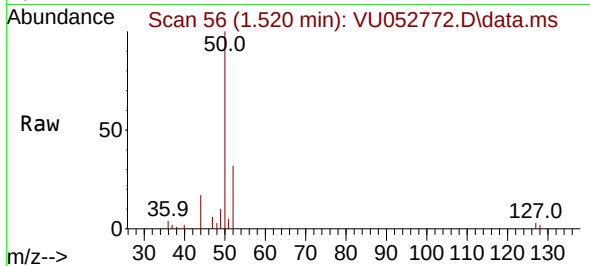
#3
Chloromethane
Concen: 0.788 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 13060
Ion Ratio Lower Upper
50 100
52 32.3 26.8 40.2

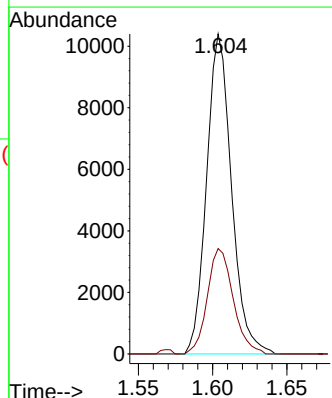
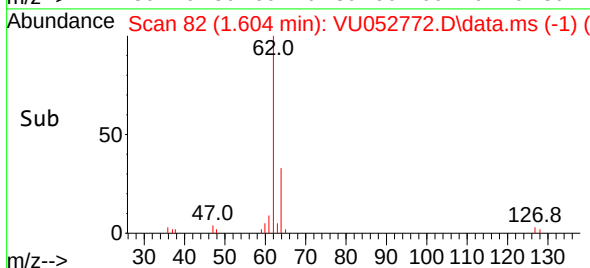
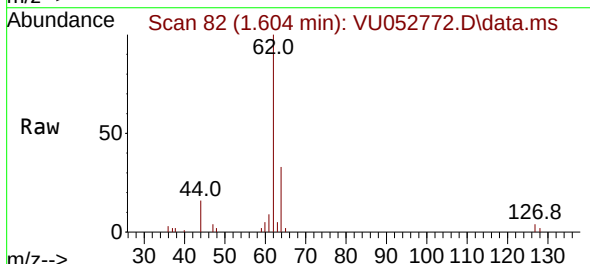
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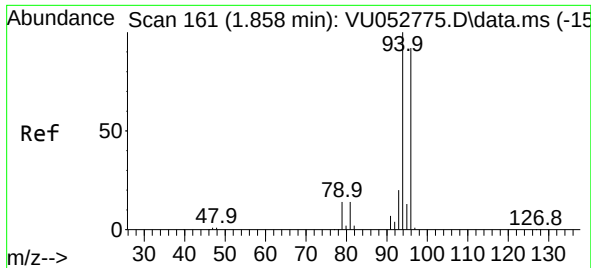
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#4
Vinyl Chloride
Concen: 0.814 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion: 62 Resp: 12129
Ion Ratio Lower Upper
62 100
64 32.9 26.0 39.0





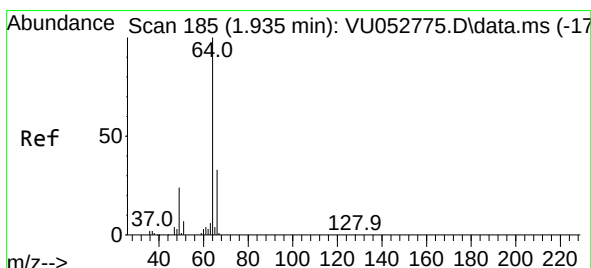
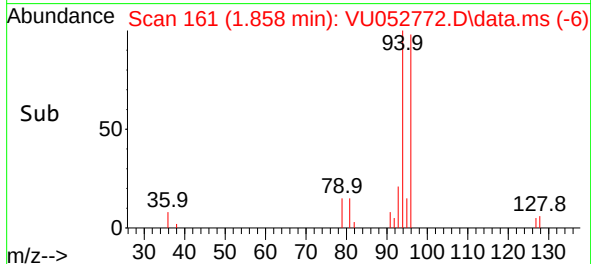
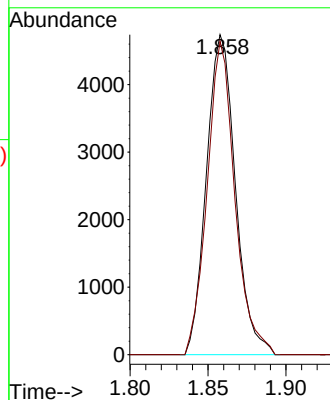
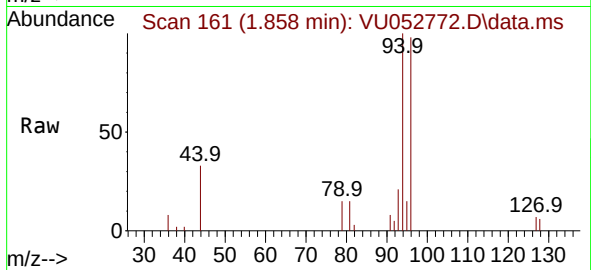
#5
Bromomethane
Concen: 0.671 ug/l
RT: 1.858 min Scan# 161
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 94 Resp: 614
Ion Ratio Lower Upper
94 100
96 97.9 73.8 110.6

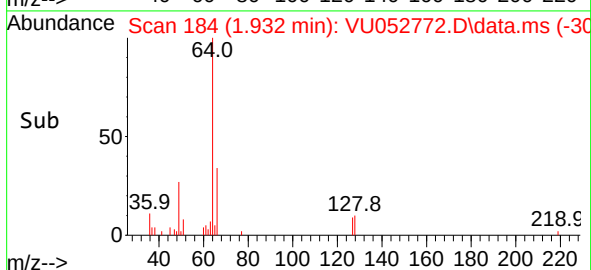
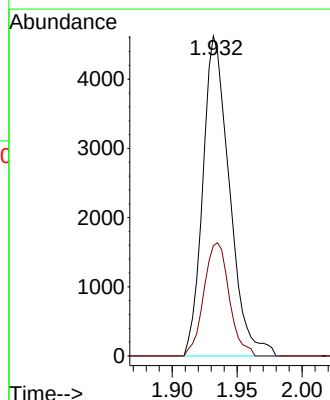
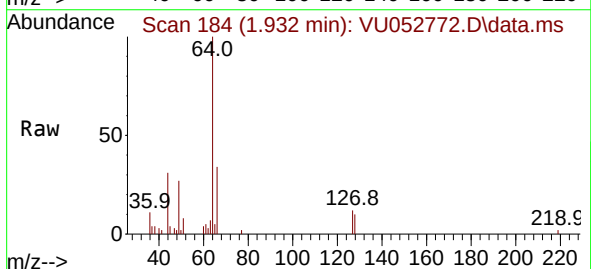
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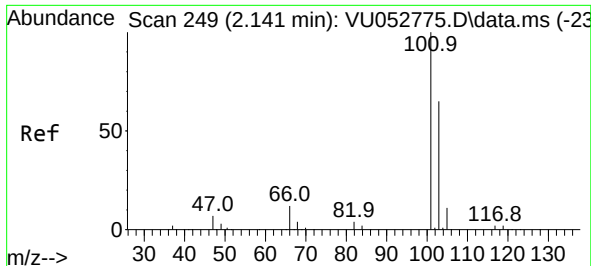
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#6
Chloroethane
Concen: 0.719 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion: 64 Resp: 6593
Ion Ratio Lower Upper
64 100
66 34.4 26.6 40.0





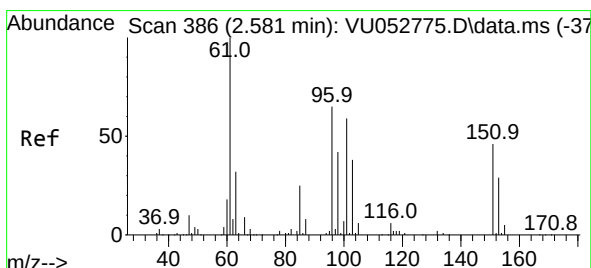
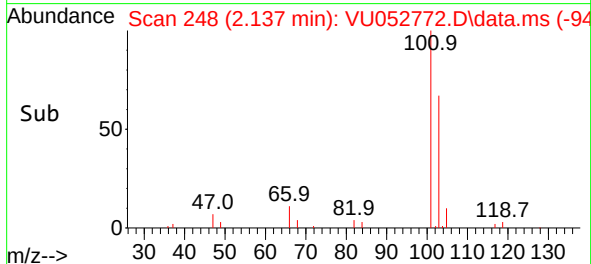
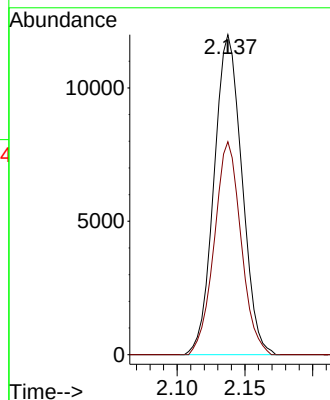
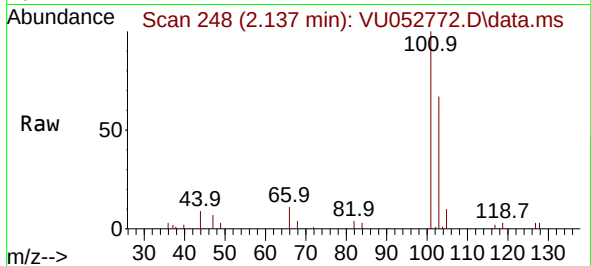
#7
Trichlorofluoromethane
Concen: 0.853 ug/l
RT: 2.137 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:101 Resp: 1718
Ion Ratio Lower Upper
101 100
103 66.6 51.6 77.4

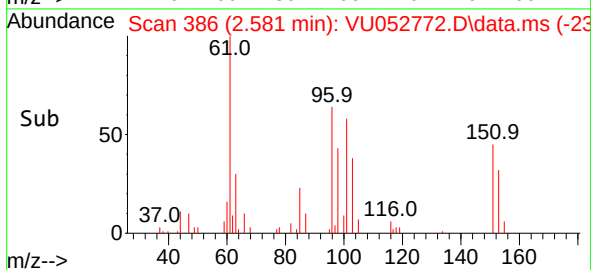
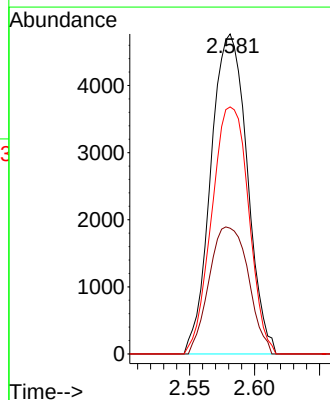
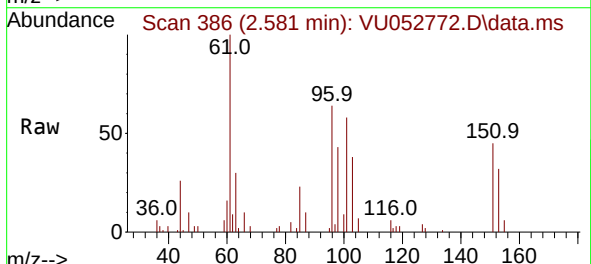
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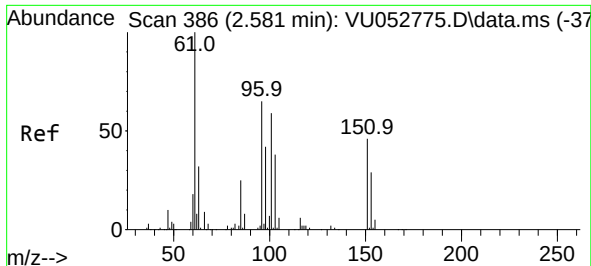
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.805 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

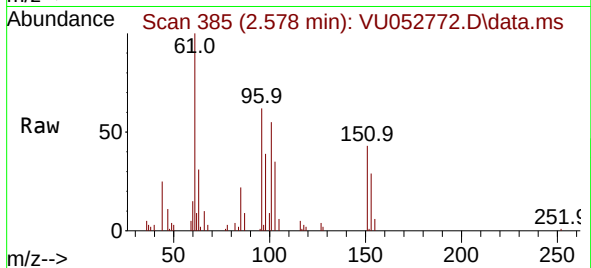
Tgt Ion:101 Resp: 9262
Ion Ratio Lower Upper
101 100
85 42.8 34.1 51.1
151 78.4 63.0 94.4





#9
1,1-Dichloroethene
Concen: 0.749 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

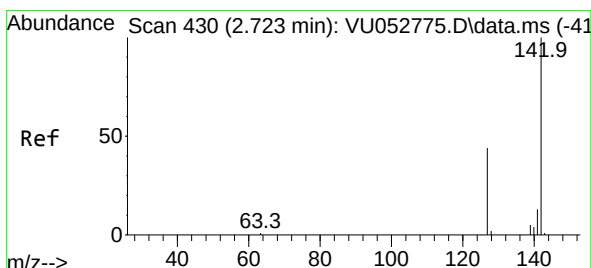
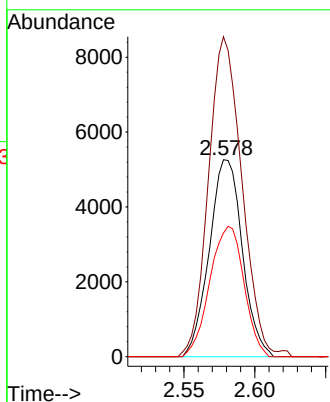
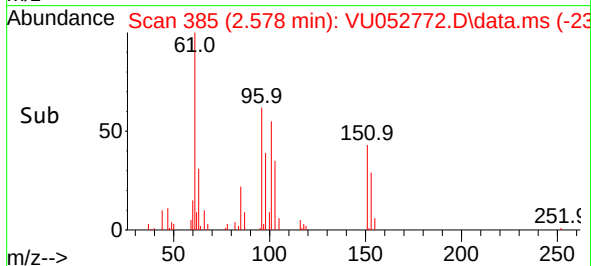
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 853
Ion Ratio Lower Upper
96 100
61 162.5 0.0 460.5
98 62.8 0.0 128.0

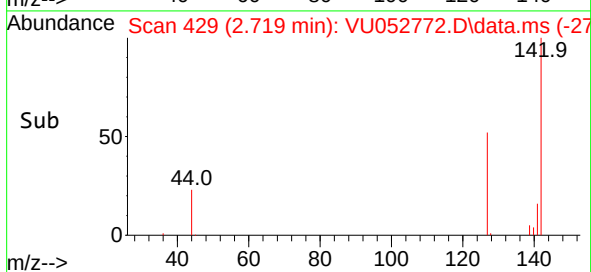
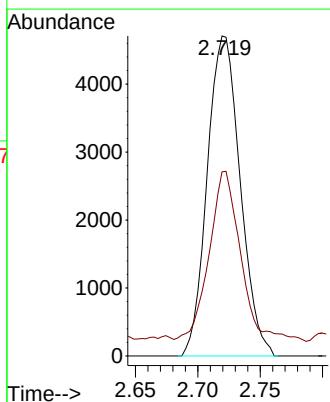
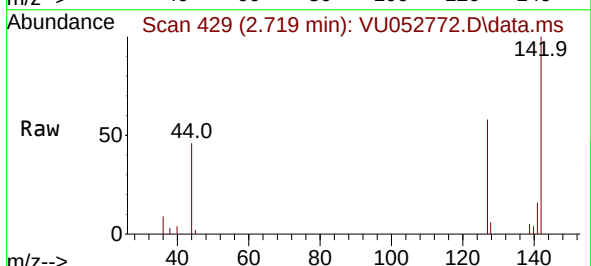
Manual Integrations
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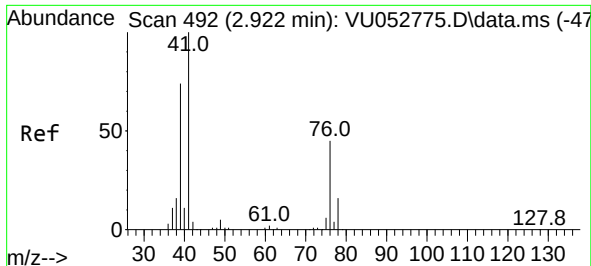
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#10
Iodomethane
Concen: 1.002 ug/l
RT: 2.719 min Scan# 429
Delta R.T. -0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion:142 Resp: 8659
Ion Ratio Lower Upper
142 100
127 51.1 35.4 53.0





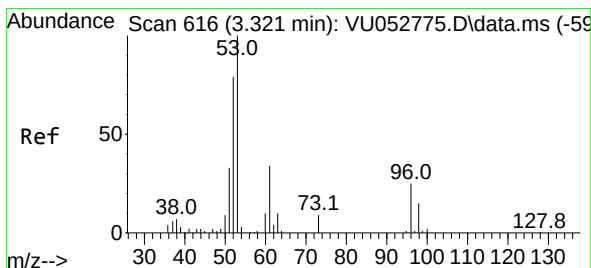
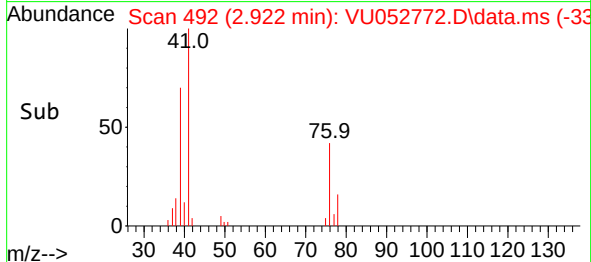
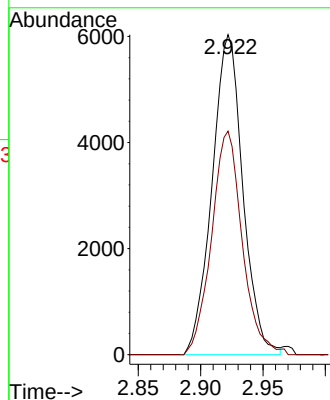
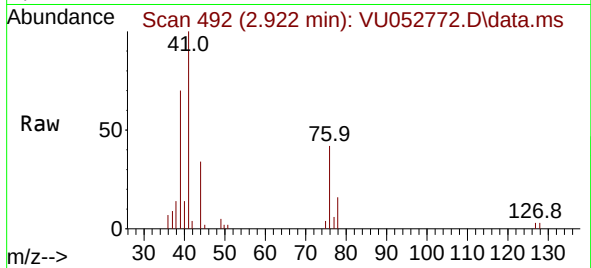
#11
 Allyl Chloride
 Concen: 0.675 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: VU052772.D
 Acq: 23 Jan 2023 11:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

Tgt Ion: 41 Resp: 10384
 Ion Ratio Lower Upper
 41 100
 39 69.5 59.3 88.9

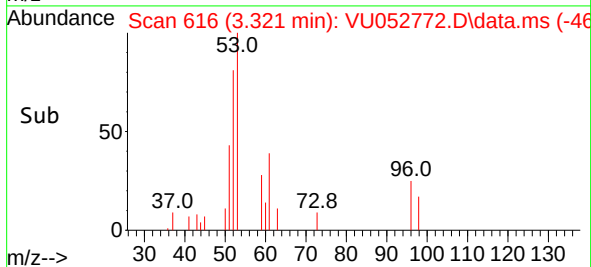
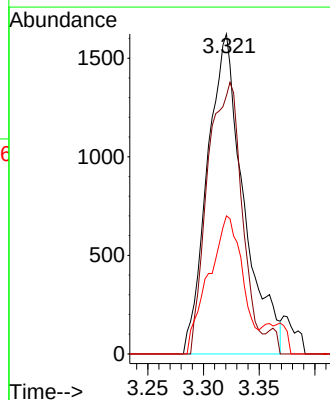
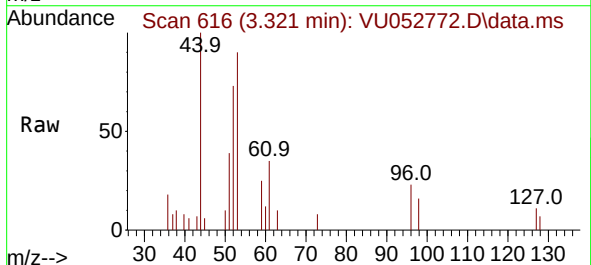
Manual Integrations
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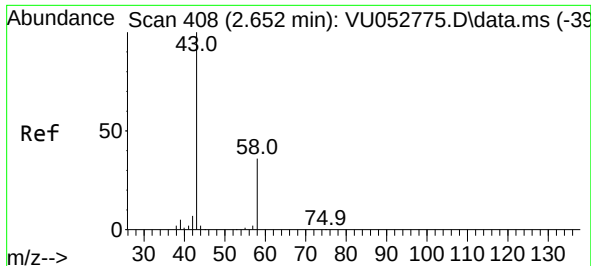
Reviewed By :Krupa Patel 01/24/2023
 Supervised By :Mahesh Dadoda 01/24/2023



#12
 Acrylonitrile
 Concen: 1.301 ug/l
 RT: 3.321 min Scan# 616
 Delta R.T. -0.000 min
 Lab File: VU052772.D
 Acq: 23 Jan 2023 11:52

Tgt Ion: 53 Resp: 3675
 Ion Ratio Lower Upper
 53 100
 52 80.1 63.0 94.4
 51 40.5 31.3 46.9





#13

Acetone

Concen: 5.519 ug/l

RT: 2.639 min Scan# 408

Delta R.T. -0.013 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 1343

Ion Ratio Lower Upper

43 100

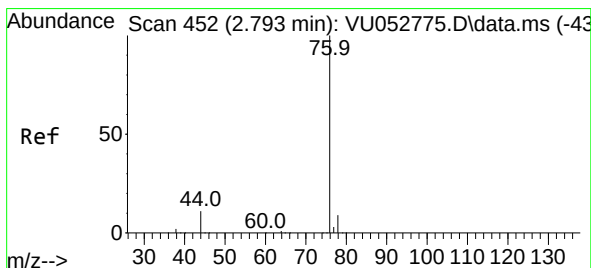
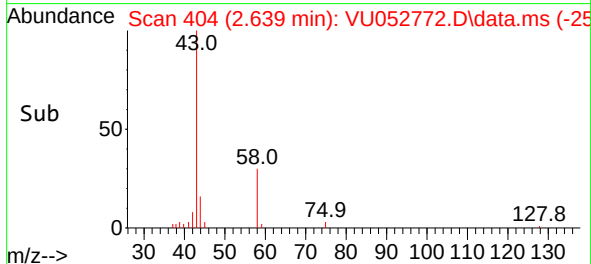
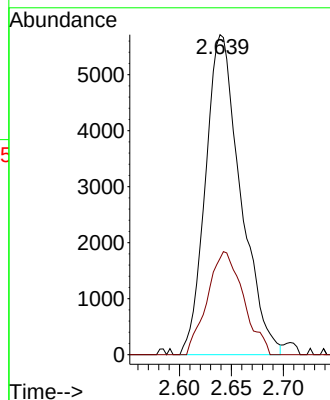
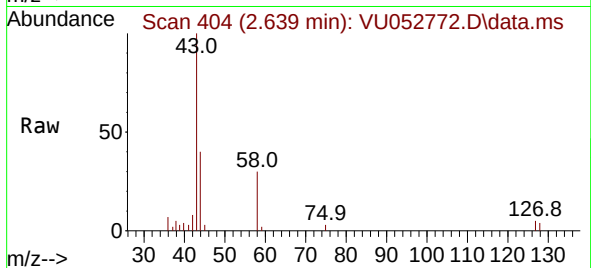
58 30.1 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#14

Carbon Disulfide

Concen: 0.838 ug/l

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU052772.D

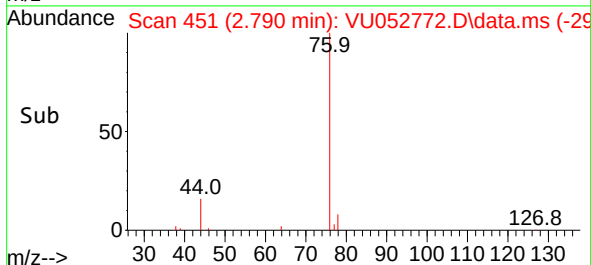
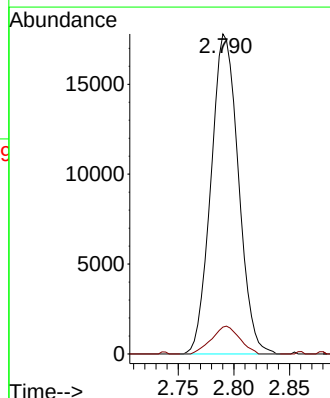
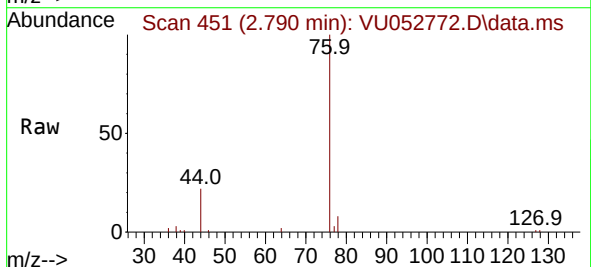
Acq: 23 Jan 2023 11:52

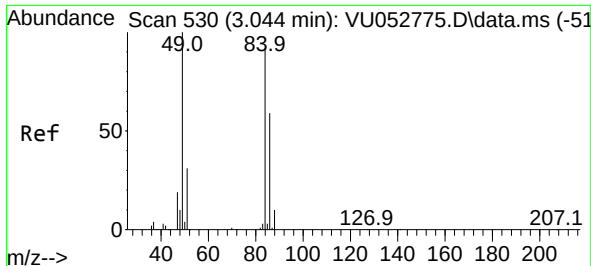
Tgt Ion: 76 Resp: 30502

Ion Ratio Lower Upper

76 100

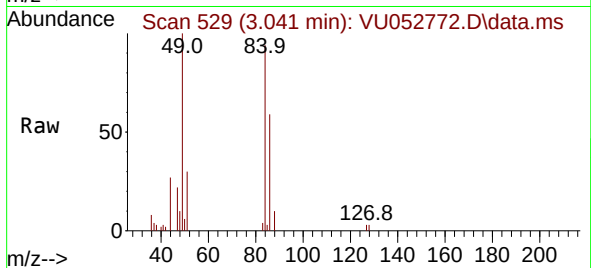
78 8.4 7.1 10.7





#15
Methylene Chloride
Concen: 0.628 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

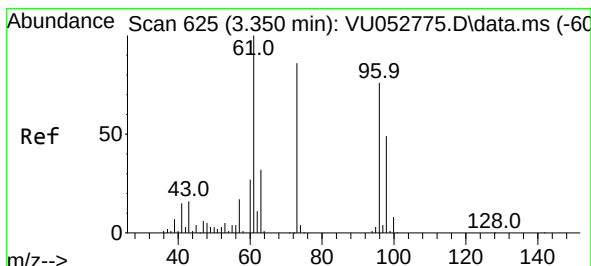
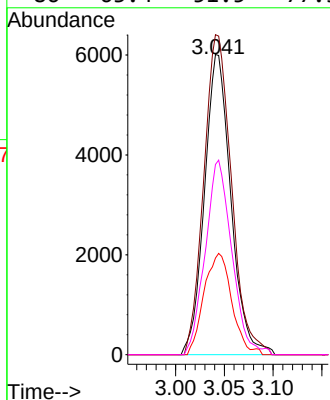
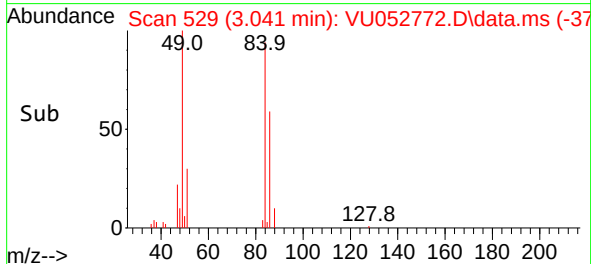
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion:	84	Resp:	1134
Ion	Ratio	Lower	Upper
84	100		
49	106.6	86.7	130.1
51	32.2	0.0	66.8
86	63.4	51.5	77.3

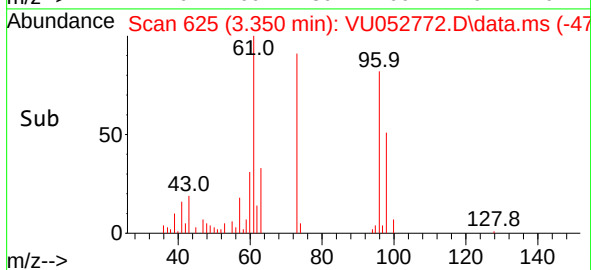
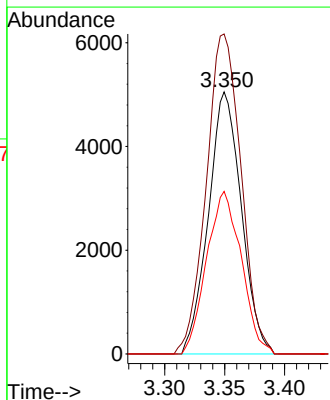
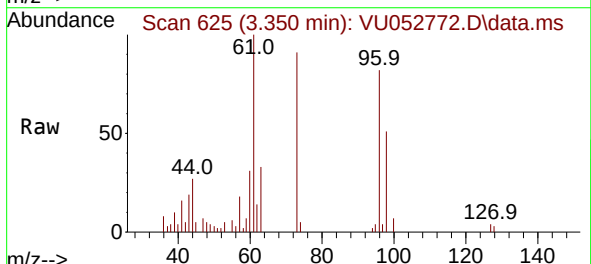
Manual Integrations
APPROVED

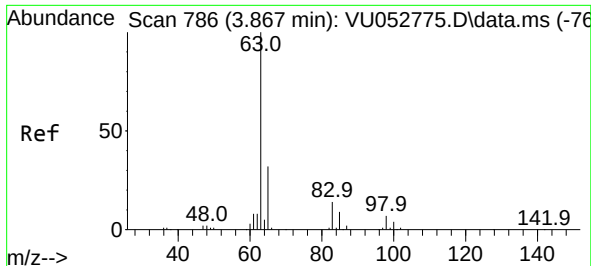
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#16
trans-1,2-Dichloroethene
Concen: 0.771 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

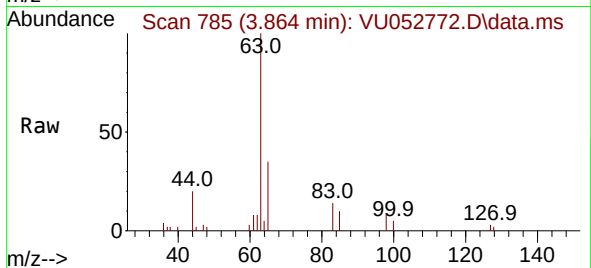
Tgt Ion:	96	Resp:	9660
Ion	Ratio	Lower	Upper
96	100		
61	122.1	105.7	158.5
98	62.1	51.4	77.2





#17
 1,1-Dichloroethane
 Concen: 0.804 ug/l
 RT: 3.864 min Scan# 785
 Delta R.T. -0.003 min
 Lab File: VU052772.D
 Acq: 23 Jan 2023 11:52

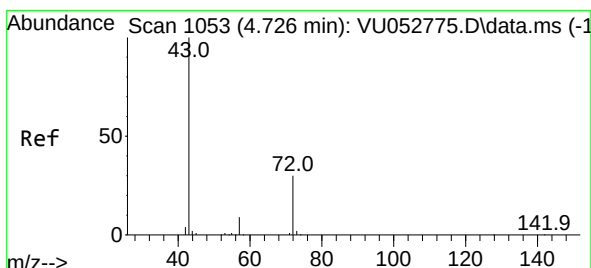
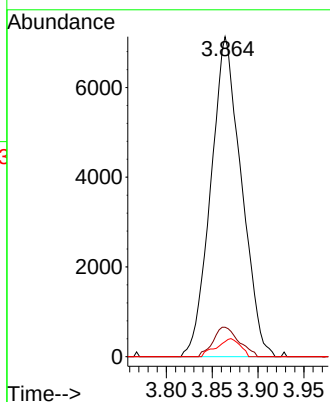
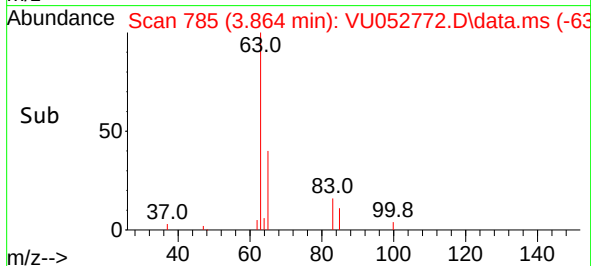
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001



Tgt Ion: 63 Resp: 16549
 Ion Ratio Lower Upper
 63 100
 98 9.2 3.8 11.2
 100 4.7 2.2 6.6

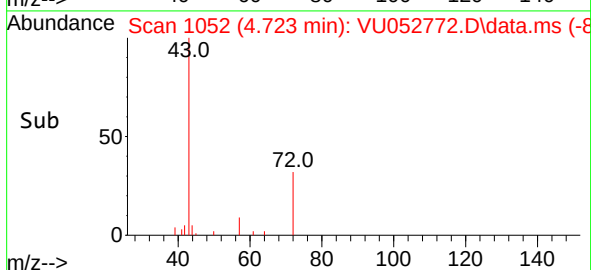
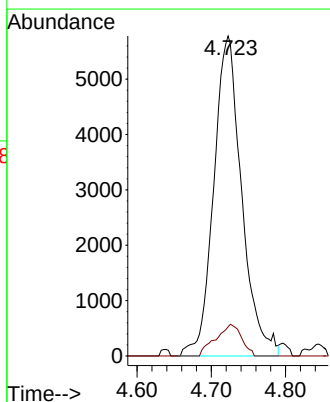
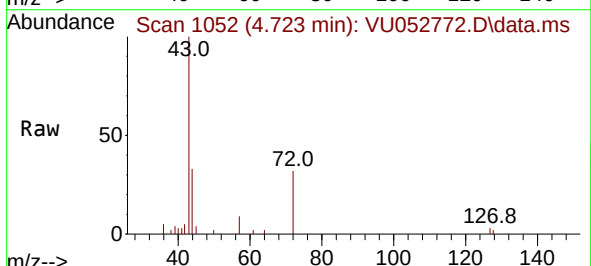
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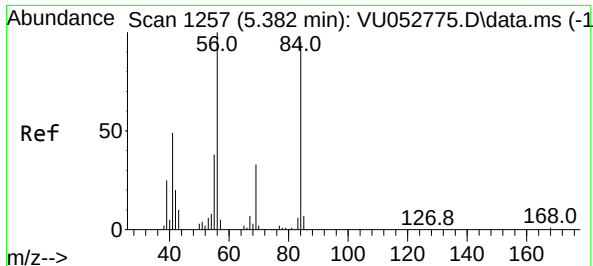
Reviewed By :Krupa Patel 01/24/2023
 Supervised By :Mahesh Dadoda 01/24/2023



#18
 2-Butanone
 Concen: 4.825 ug/l
 RT: 4.723 min Scan# 1052
 Delta R.T. -0.003 min
 Lab File: VU052772.D
 Acq: 23 Jan 2023 11:52

Tgt Ion: 43 Resp: 15143
 Ion Ratio Lower Upper
 43 100
 57 9.1 0.0 17.4





#19

Cyclohexane

Concen: 0.958 ug/l m

RT: 5.382 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU052772.D

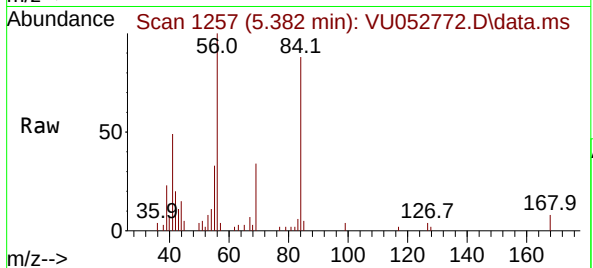
Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001



Tgt Ion: 56 Resp: 1509

Ion Ratio Lower Upper

56 100

69 32.3 26.8 40.2

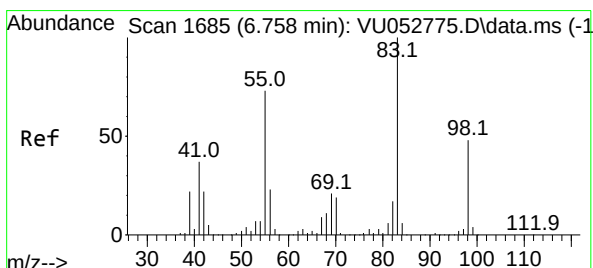
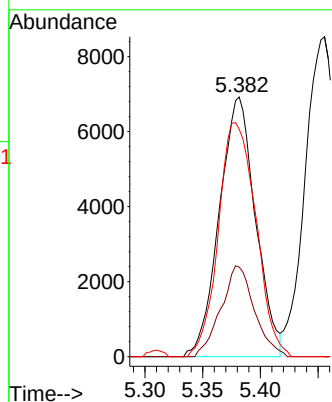
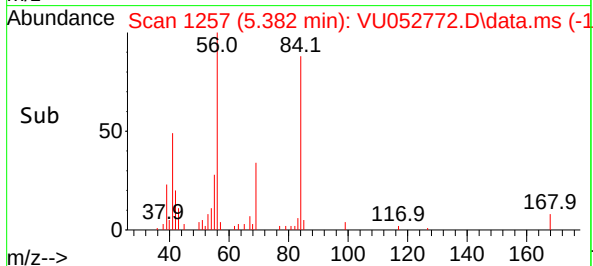
84 93.4 77.0 115.6

Manual Integrations

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Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#20

Methylcyclohexane

Concen: 0.870 ug/l

RT: 6.755 min Scan# 1684

Delta R.T. -0.003 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

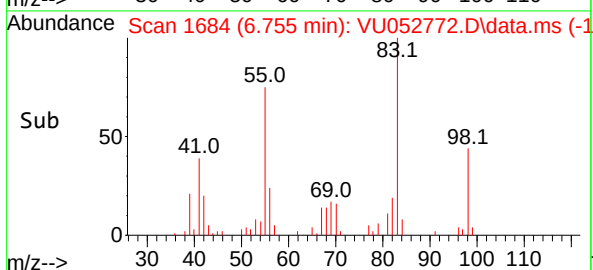
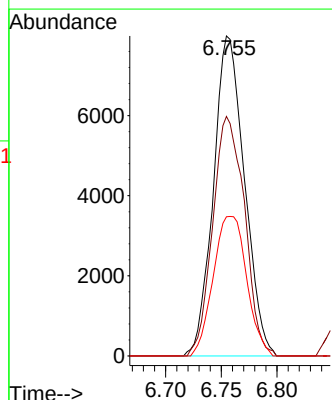
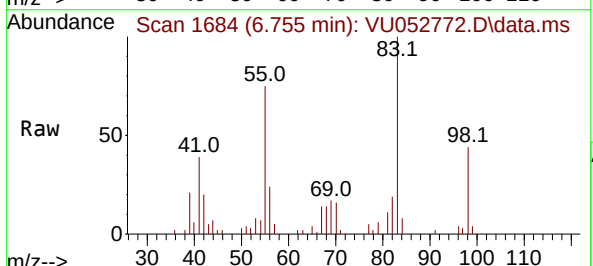
Tgt Ion: 83 Resp: 15492

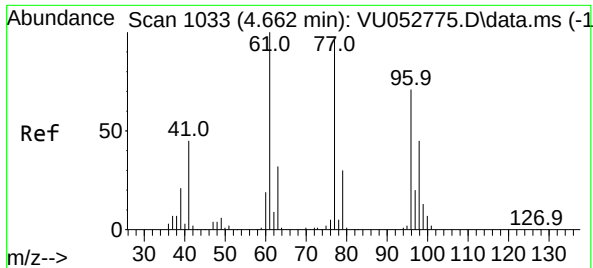
Ion Ratio Lower Upper

83 100

55 76.6 58.7 88.1

98 47.0 39.4 59.2





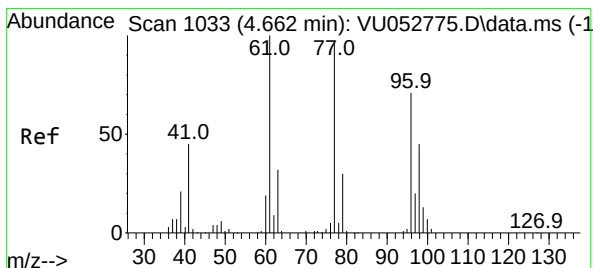
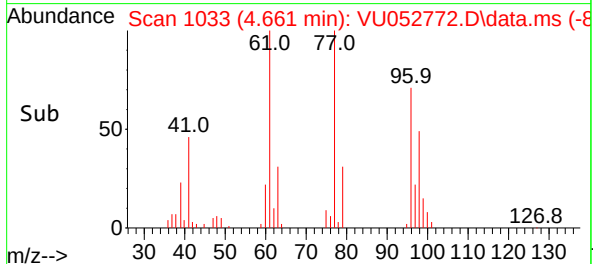
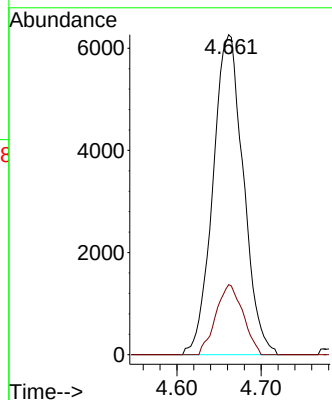
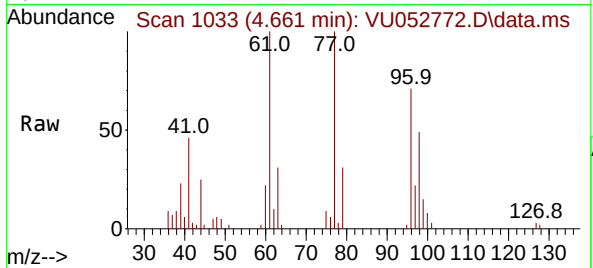
#21
2,2-Dichloropropane
Concen: 0.919 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 77 Resp: 15719
Ion Ratio Lower Upper
77 100
97 19.5 16.8 25.2

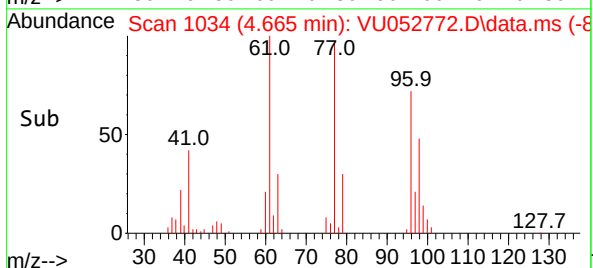
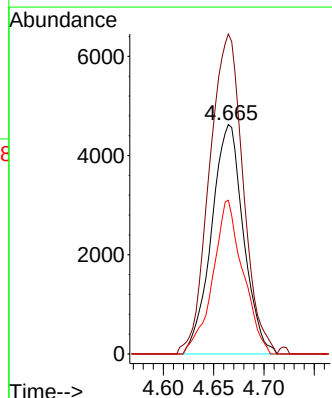
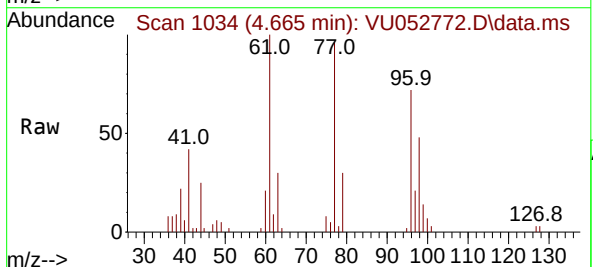
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APPROVED

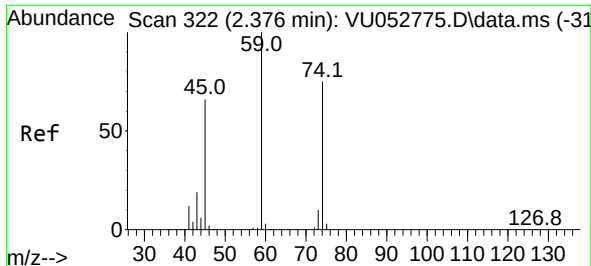
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#22
cis-1,2-Dichloroethene
Concen: 0.798 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

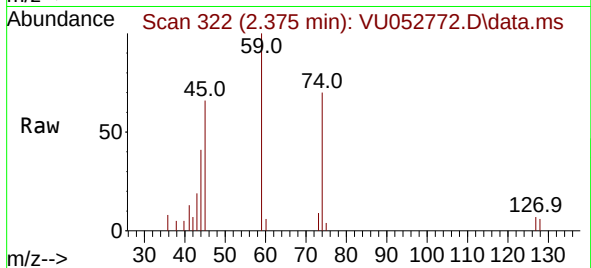
Tgt Ion: 96 Resp: 10215
Ion Ratio Lower Upper
96 100
61 146.7 0.0 353.3
98 63.2 32.6 97.7





#23
Diethyl Ether
Concen: 0.745 ug/l
RT: 2.375 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

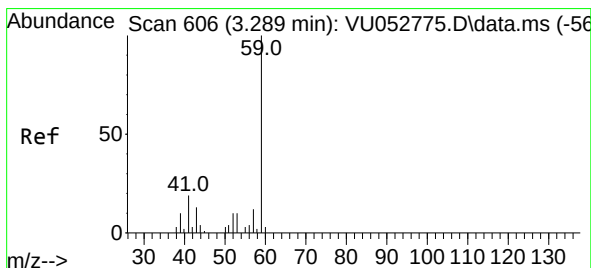
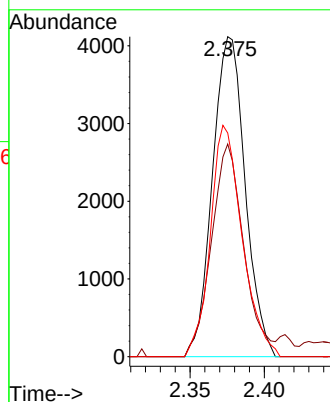
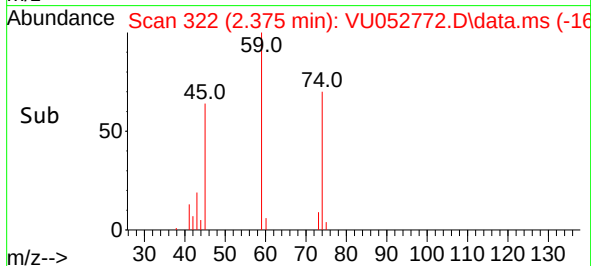
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion: 59 Resp: 6304
Ion Ratio Lower Upper
59 100
45 65.9 52.1 78.1
74 70.2 61.6 92.4

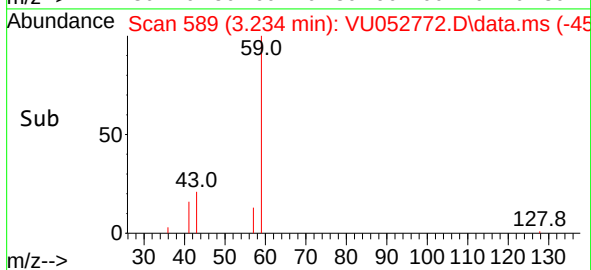
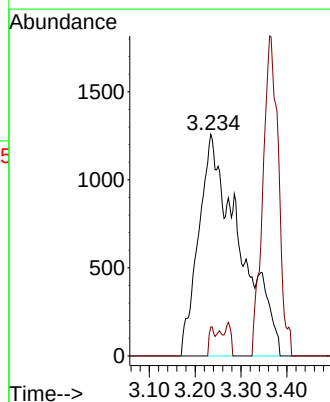
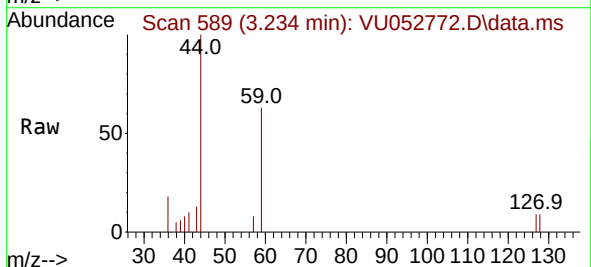
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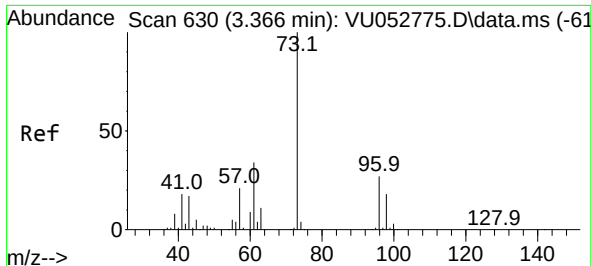
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#24
tert-Butyl Alcohol
Concen: 8.462 ug/l m
RT: 3.234 min Scan# 589
Delta R.T. -0.055 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion: 59 Resp: 7781
Ion Ratio Lower Upper
59 100
57 1.7 45.8 68.8#





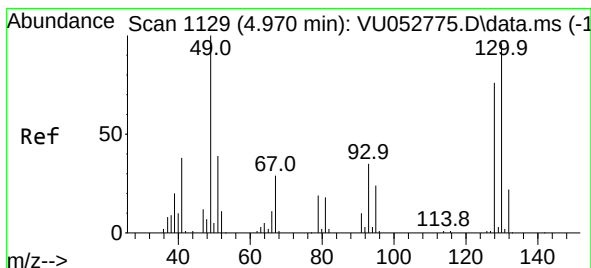
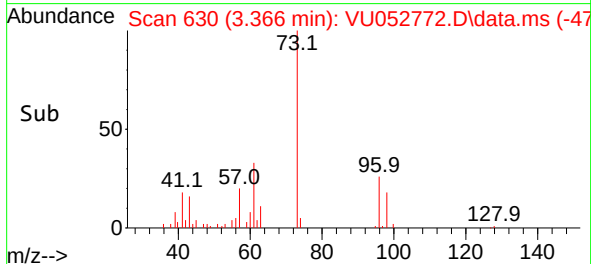
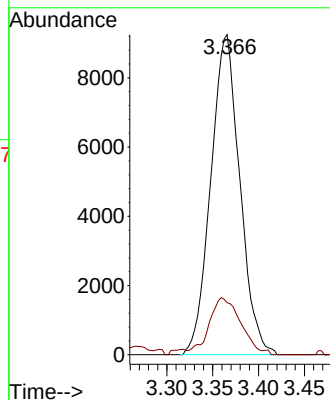
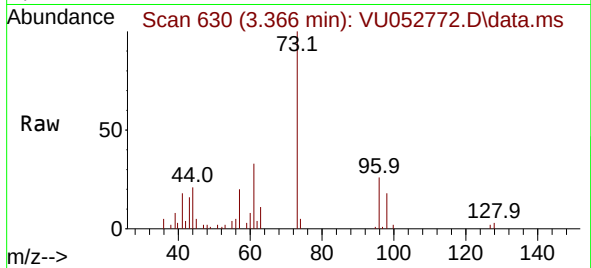
#25
Methyl tert-Butyl Ether
Concen: 0.728 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 2040
Ion Ratio Lower Upper
73 100
43 19.4 15.3 22.9

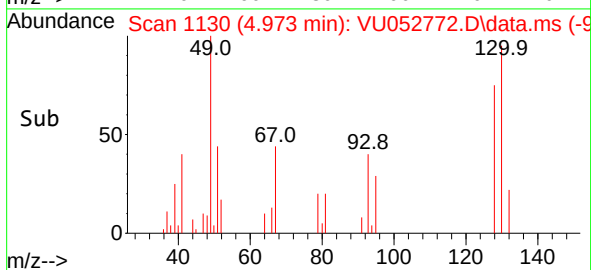
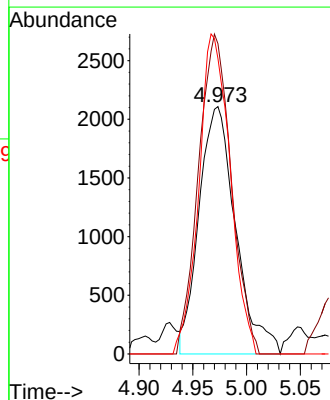
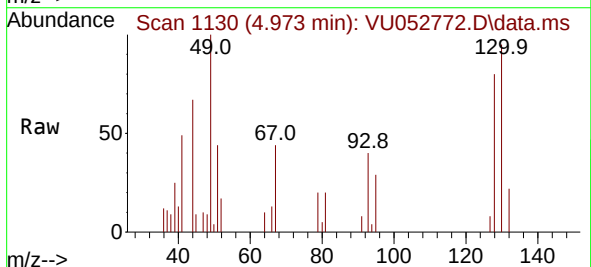
Manual Integrations
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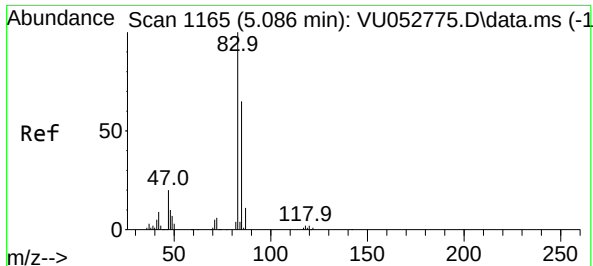
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#26
Bromochloromethane
Concen: 0.789 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion:128 Resp: 4990
Ion Ratio Lower Upper
128 100
49 116.3 0.0 265.0
130 110.5 100.7 151.1





#27

Chloroform

Concen: 0.831 ug/l

RT: 5.083 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 83 Resp: 1816

Ion Ratio Lower Upper

83 100

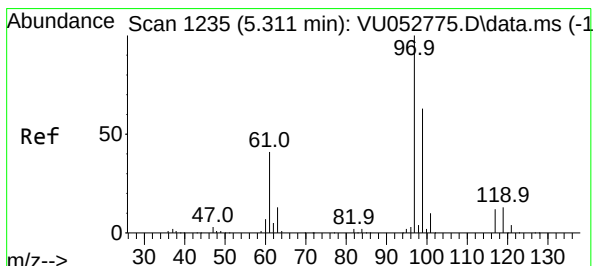
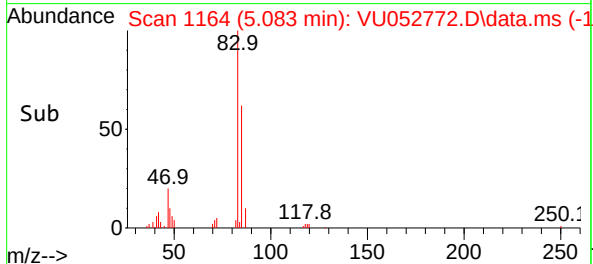
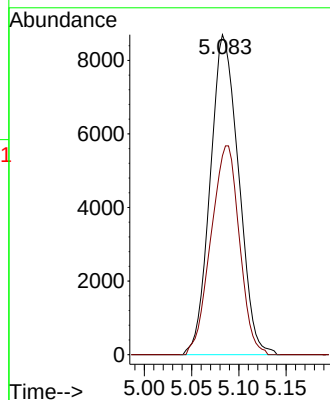
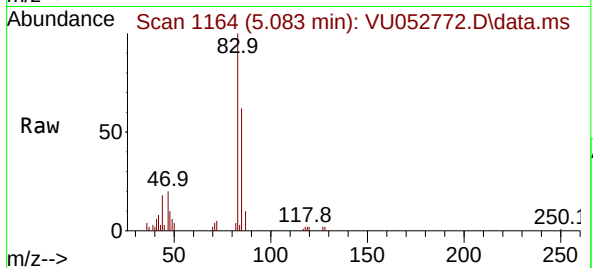
85 62.2 0.0 130.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#28

1,1,1-Trichloroethane

Concen: 0.861 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

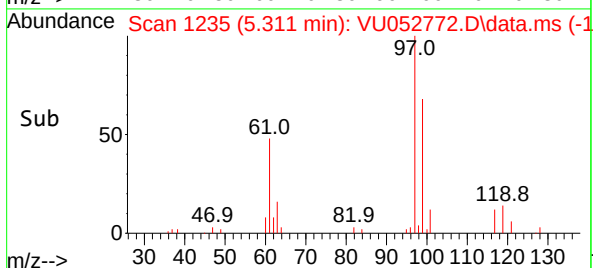
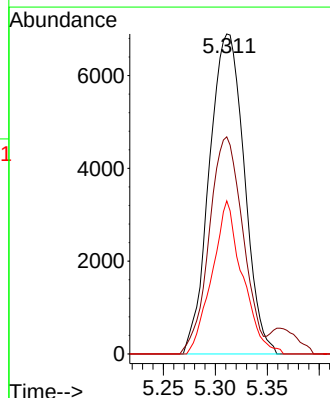
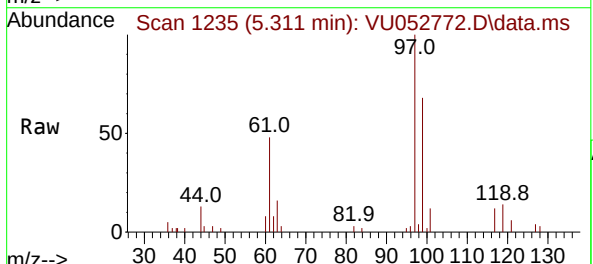
Tgt Ion: 97 Resp: 16143

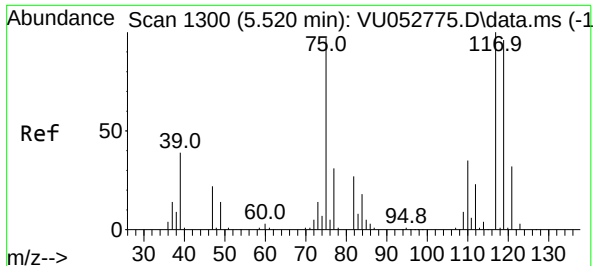
Ion Ratio Lower Upper

97 100

99 65.8 31.9 95.5

61 41.6 20.8 62.2





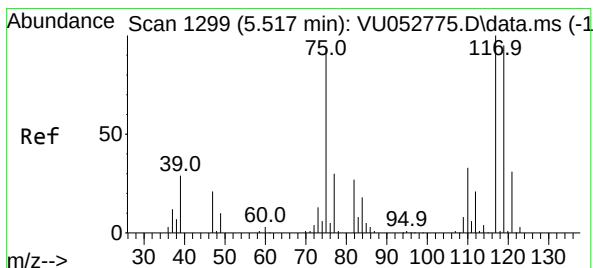
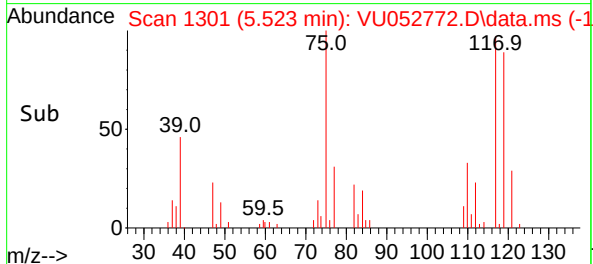
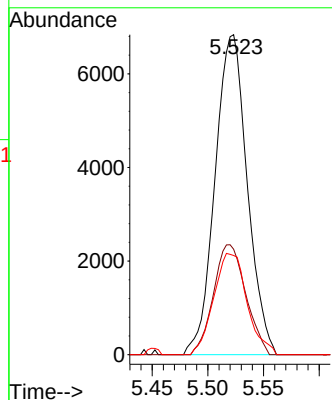
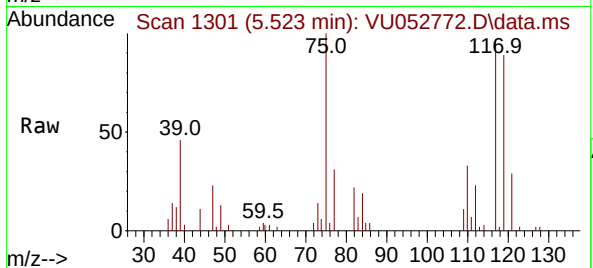
#29
1,1-Dichloropropene
Concen: 0.872 ug/l
RT: 5.523 min Scan# 1130
Delta R.T. 0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 13758
Ion Ratio Lower Upper
75 100
110 34.4 17.4 52.2
77 32.7 24.8 37.2

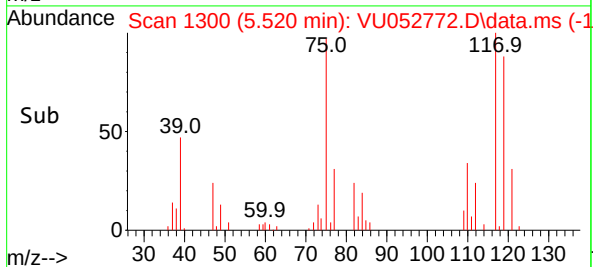
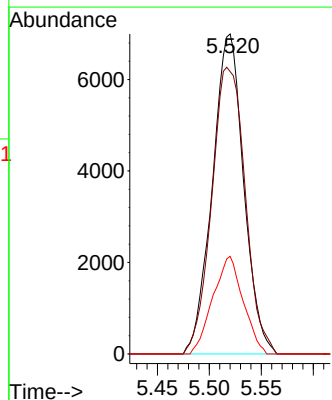
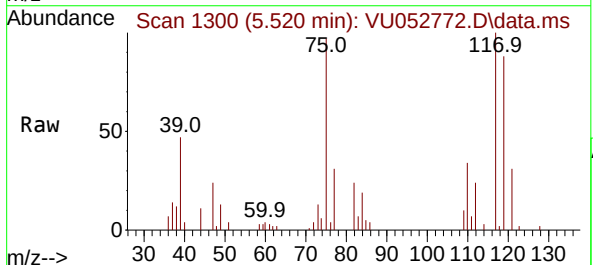
Manual Integrations
APPROVED

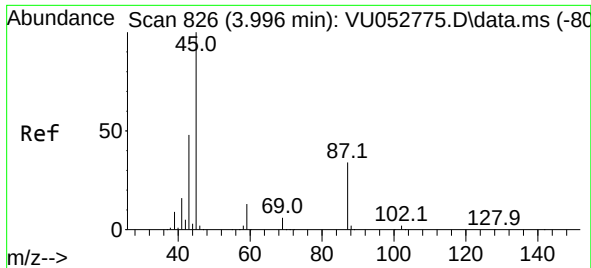
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#30
Carbon Tetrachloride
Concen: 0.890 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. 0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

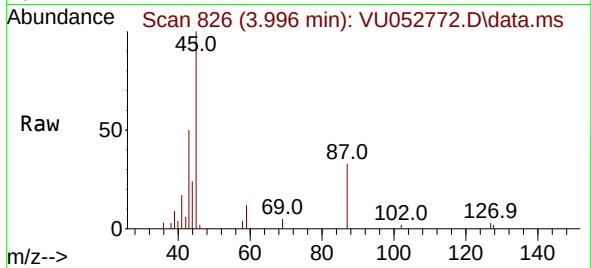
Tgt Ion:117 Resp: 14670
Ion Ratio Lower Upper
117 100
119 88.3 76.4 114.6
121 30.5 25.0 37.6





#31
Isopropyl Ether
Concen: 0.835 ug/l
RT: 3.996 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

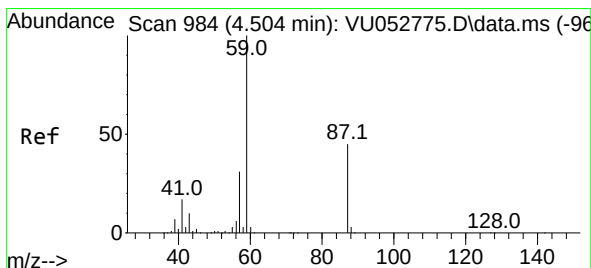
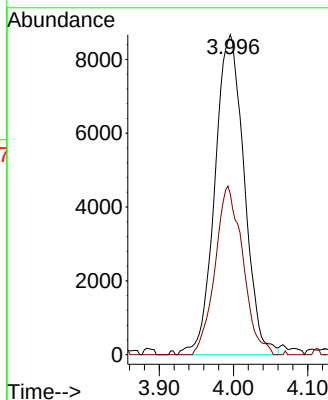
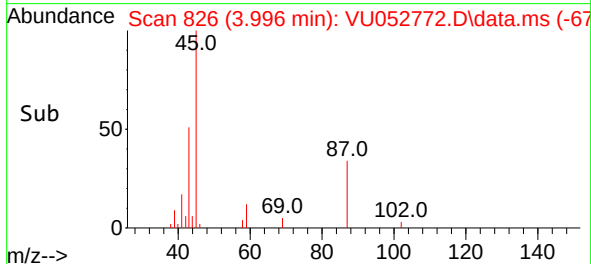
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



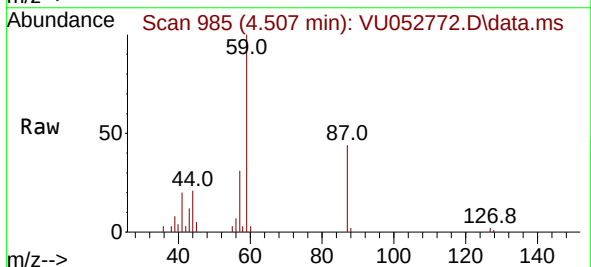
Tgt Ion: 45 Resp: 2375
Ion Ratio Lower Upper
45 100
43 49.9 24.5 73.5

Manual Integrations
APPROVED

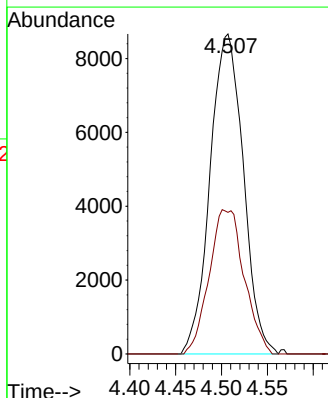
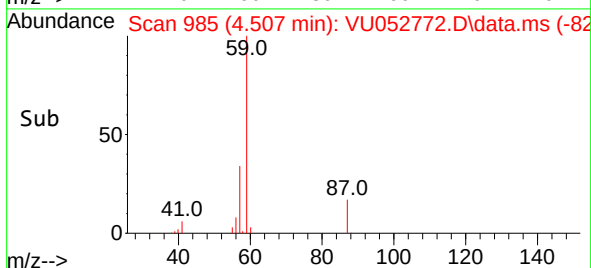
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

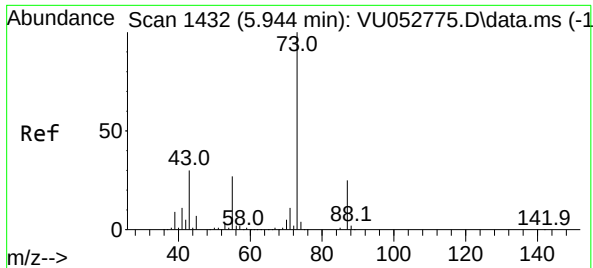


#32
Ethyl-t-butyl ether
Concen: 0.795 ug/l
RT: 4.507 min Scan# 985
Delta R.T. 0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52



Tgt Ion: 59 Resp: 21875
Ion Ratio Lower Upper
59 100
87 47.4 36.2 54.2





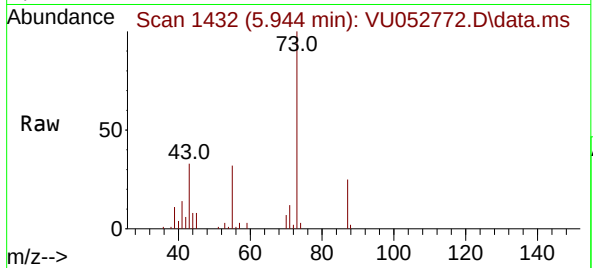
#33
Tert-Amyl methyl ether
Concen: 0.768 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001



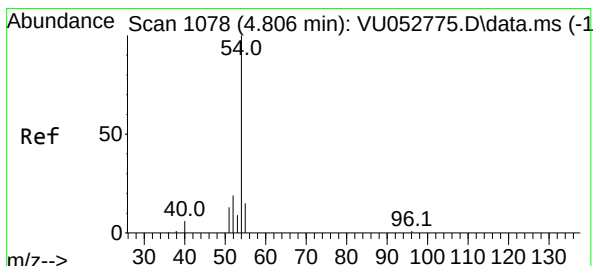
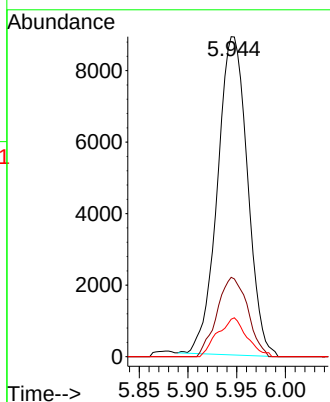
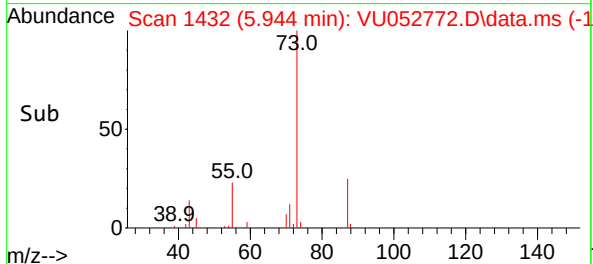
Tgt Ion: 73 Resp: 1903
Ion Ratio Lower Upper
73 100
87 25.5 20.1 30.1
71 11.8 9.2 13.8

Manual Integrations

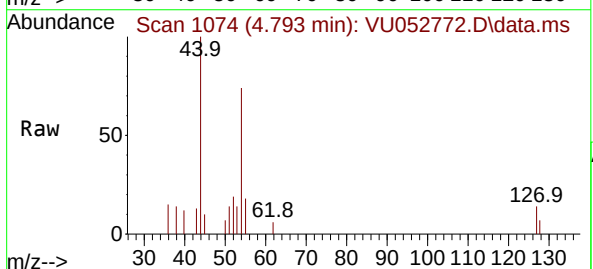
APPROVED

Reviewed By :Krupa Patel 01/24/2023

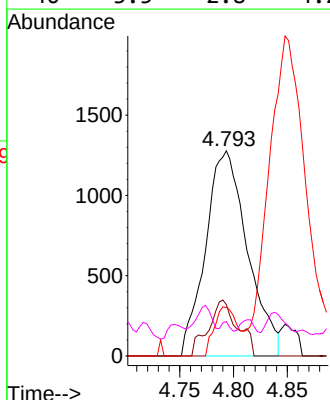
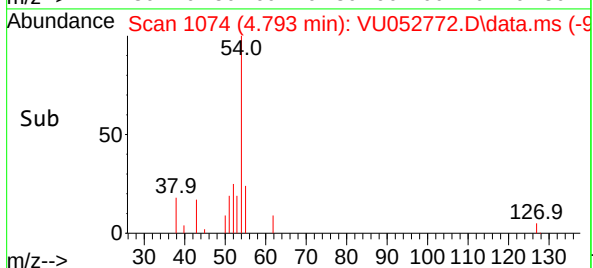
Supervised By :Mahesh Dadoda 01/24/2023

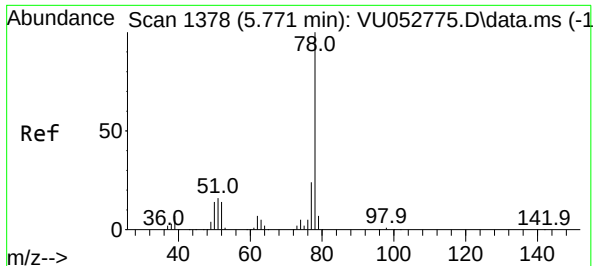


#34
Propionitrile
Concen: 3.590 ug/l
RT: 4.793 min Scan# 1074
Delta R.T. -0.013 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52



Tgt Ion: 54 Resp: 3468
Ion Ratio Lower Upper
54 100
52 18.9 16.9 25.3
55 13.3 118.6 178.0#
40 3.5 2.8 4.2





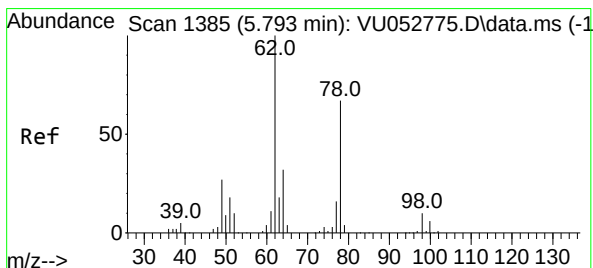
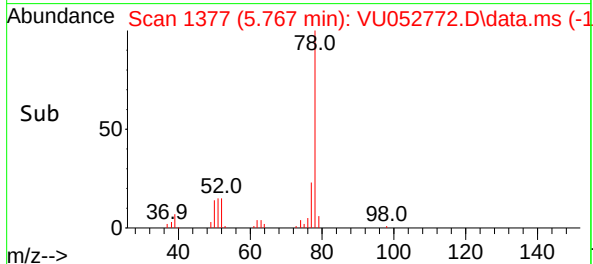
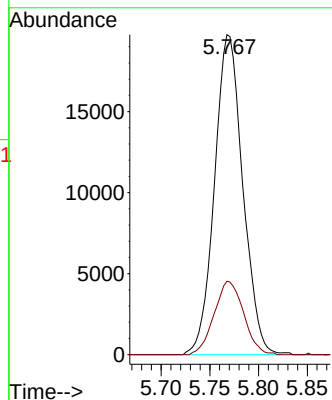
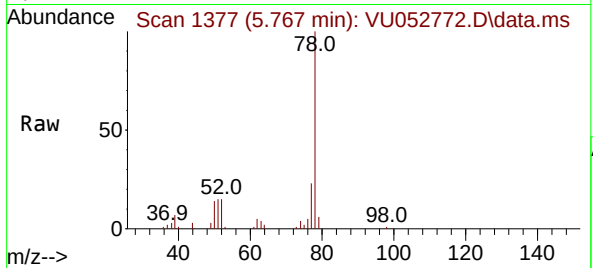
#35
Benzene
Concen: 0.845 ug/l
RT: 5.767 min Scan# 1377
Delta R.T. -0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 78 Resp: 3984
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4

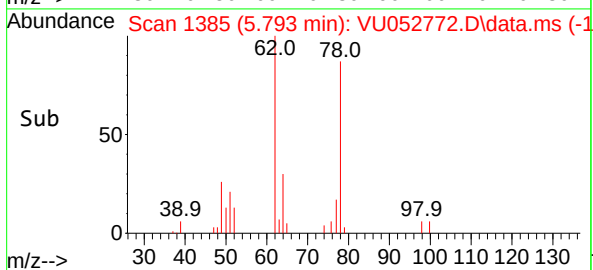
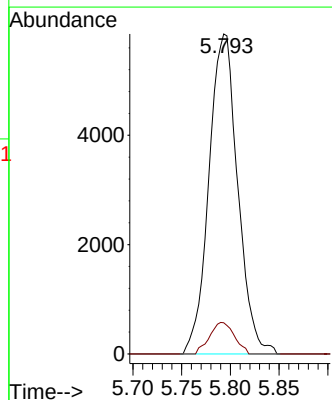
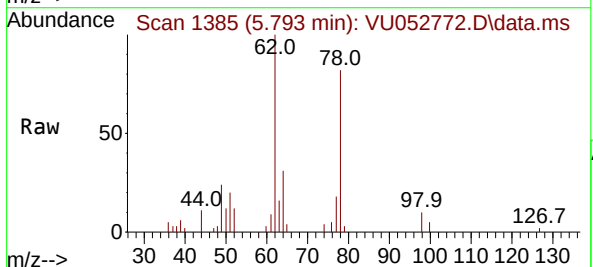
Manual Integrations
APPROVED

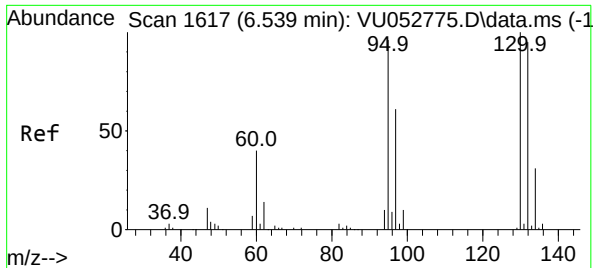
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#36
1,2-Dichloroethane
Concen: 0.865 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

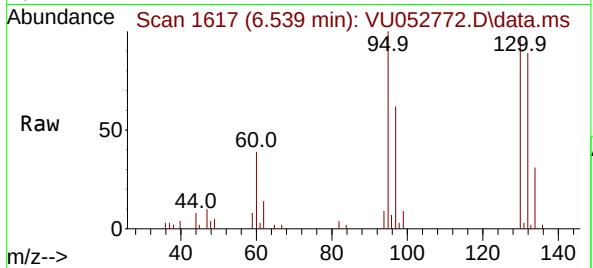
Tgt Ion: 62 Resp: 12036
Ion Ratio Lower Upper
62 100
98 8.4 7.5 11.3





#37
Trichloroethene
Concen: 0.770 ug/l
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

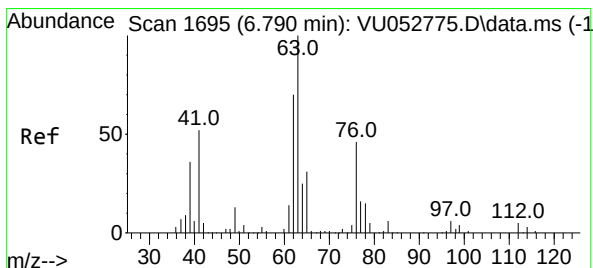
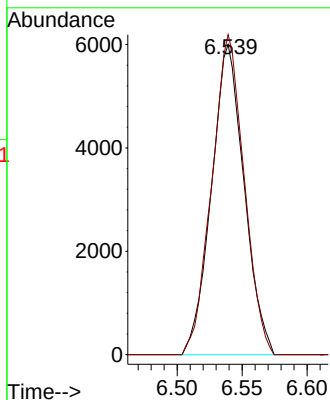
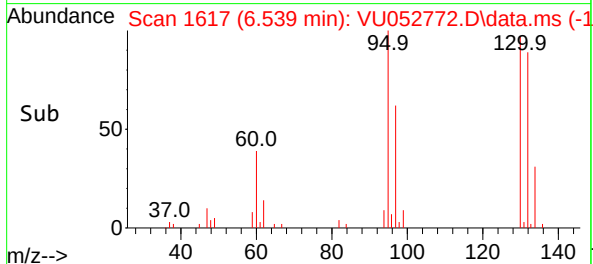
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



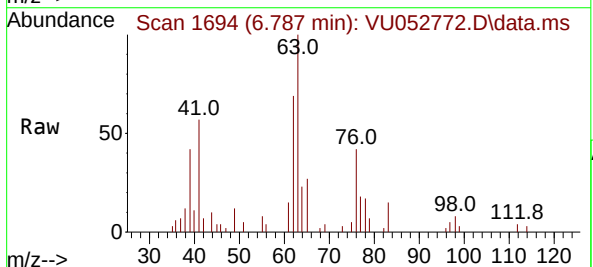
Tgt Ion:130 Resp: 10462
Ion Ratio Lower Upper
130 100
95 103.2 76.6 114.8

Manual Integrations
APPROVED

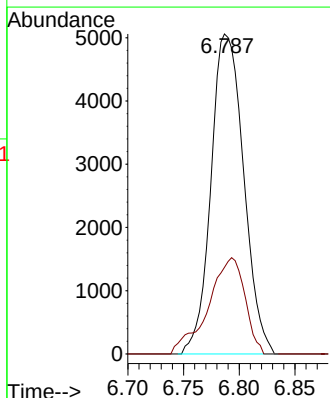
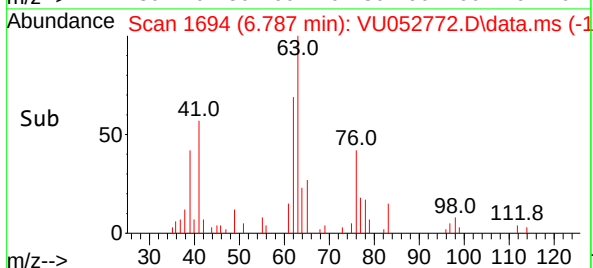
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

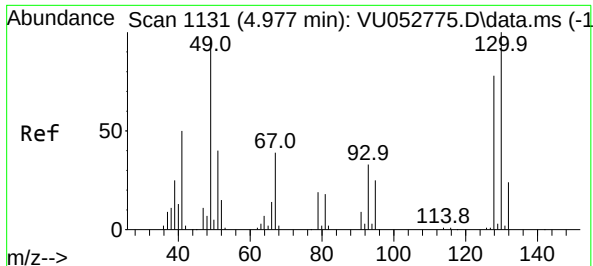


#38
1,2-Dichloropropane
Concen: 0.861 ug/l
RT: 6.787 min Scan# 1694
Delta R.T. -0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52



Tgt Ion: 63 Resp: 10331
Ion Ratio Lower Upper
63 100
65 27.0 24.6 36.8





#39

Methacrylonitrile

Concen: 0.850 ug/l

RT: 4.976 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

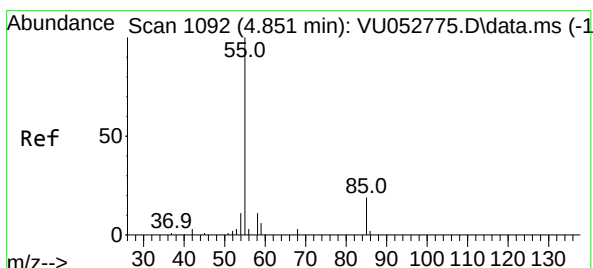
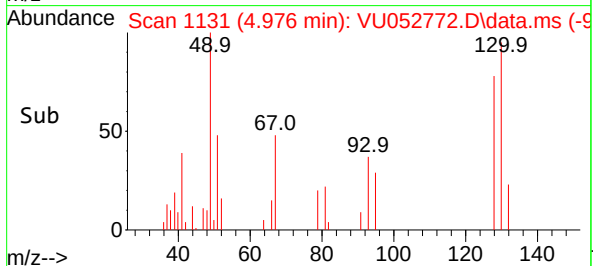
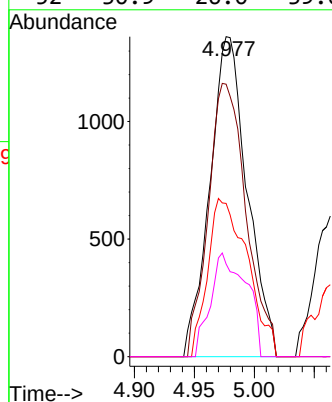
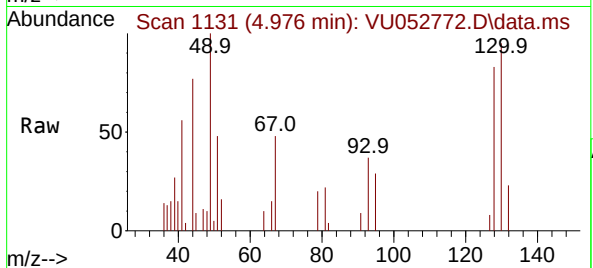
Tgt Ion:	41	Resp:	294
Ion	Ratio	Lower	Upper
41	100		
67	86.5	64.9	97.3
39	52.5	41.7	62.5
52	30.9	26.0	39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#40

Methyl acrylate

Concen: 0.829 ug/l

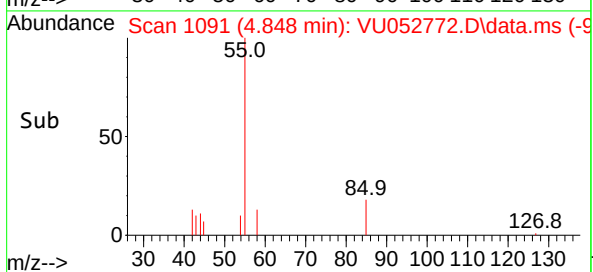
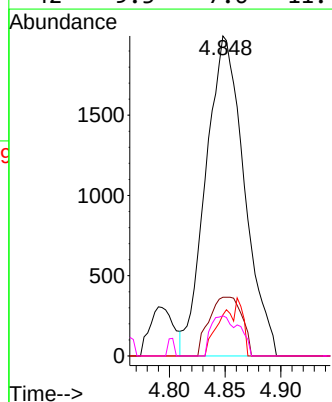
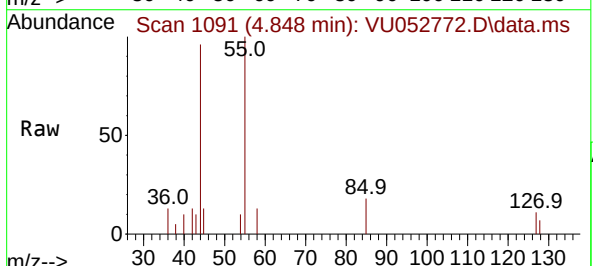
RT: 4.848 min Scan# 1091

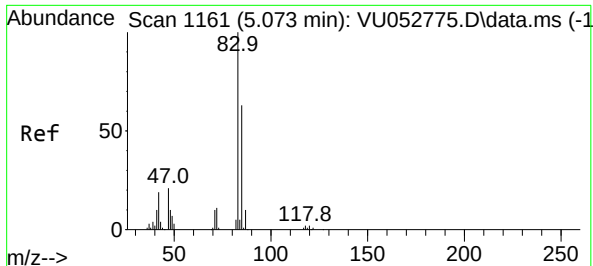
Delta R.T. -0.003 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

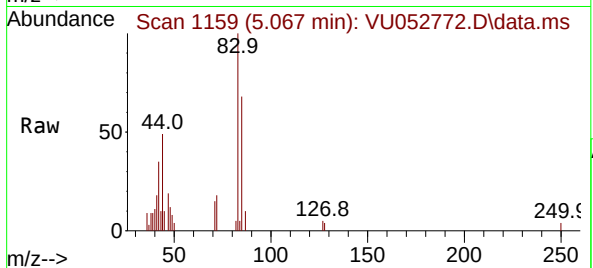
Tgt Ion:	55	Resp:	4771
Ion	Ratio	Lower	Upper
55	100		
85	15.6	14.4	21.6
58	6.7	7.3	10.9#
42	9.3	7.6	11.4





#41
Tetrahydrofuran
Concen: 1.531 ug/l
RT: 5.067 min Scan# 1161
Delta R.T. -0.007 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

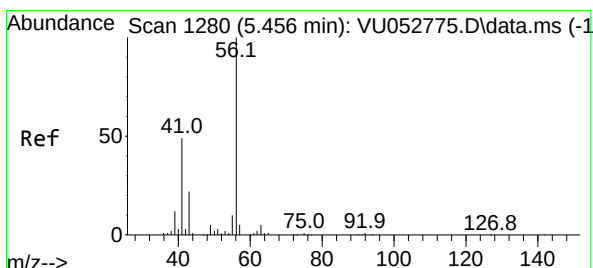
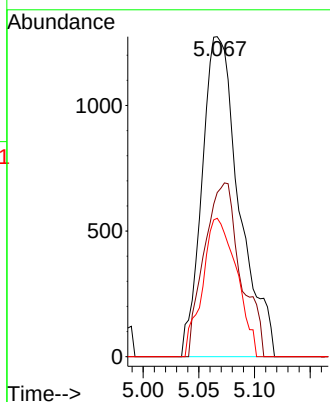
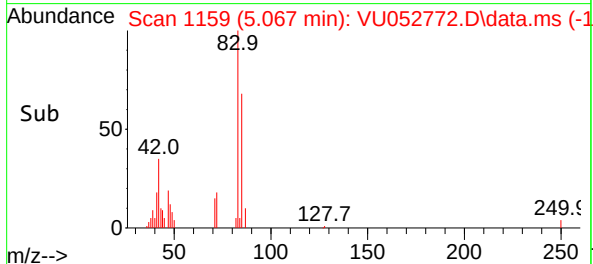
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



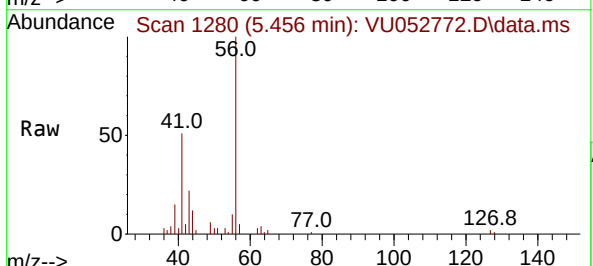
Tgt Ion: 42 Resp: 2950
Ion Ratio Lower Upper
42 100
72 53.1 49.1 73.7
71 39.8 43.8 65.6

Manual Integrations
APPROVED

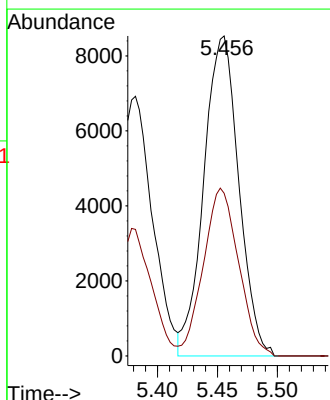
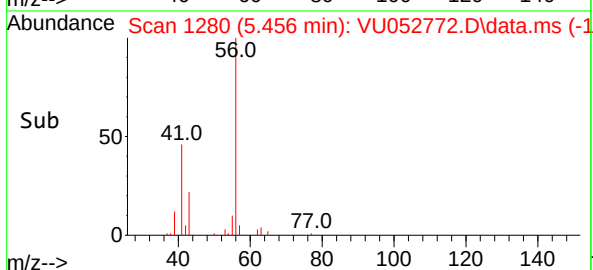
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

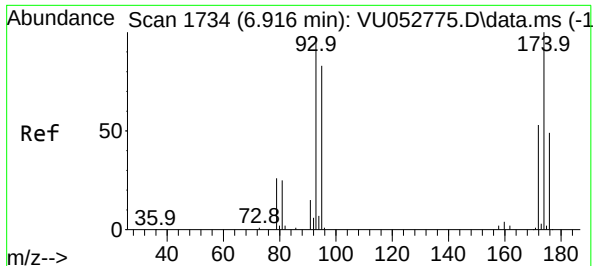


#42
1-Chlorobutane
Concen: 0.854 ug/l
RT: 5.456 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52



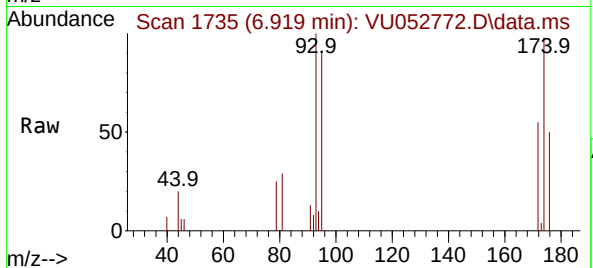
Tgt Ion: 56 Resp: 17279
Ion Ratio Lower Upper
56 100
41 52.9 24.5 73.5





#43
Dibromomethane
Concen: 0.730 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. 0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

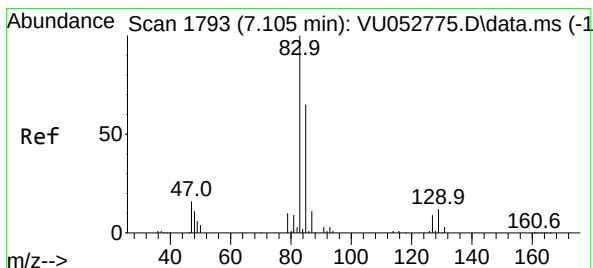
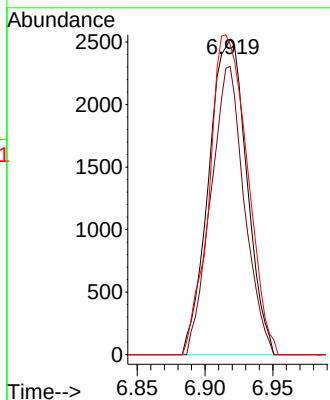
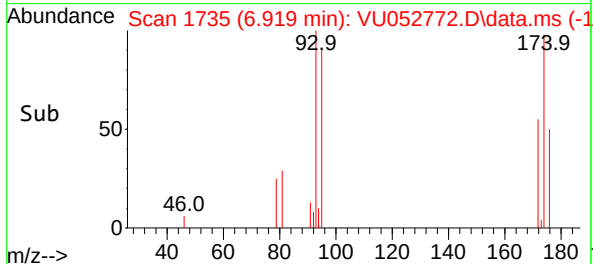
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



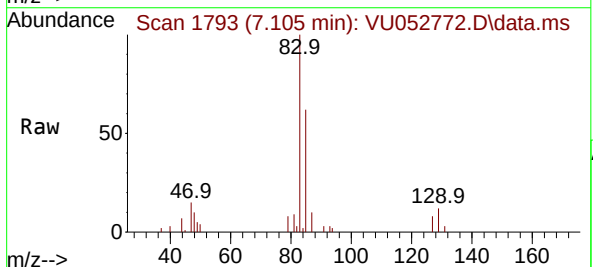
Tgt Ion: 93 Resp: 492
Ion Ratio Lower Upper
93 100
95 80.5 67.0 100.6
174 101.6 82.2 123.4

Manual Integrations
APPROVED

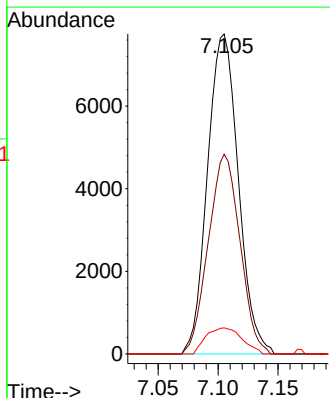
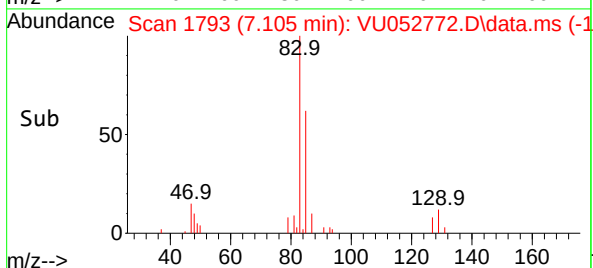
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

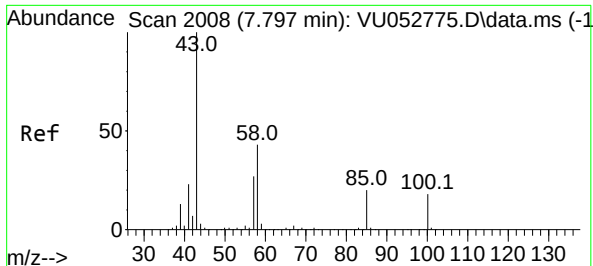


#44
Bromodichloromethane
Concen: 0.868 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52



Tgt Ion: 83 Resp: 13862
Ion Ratio Lower Upper
83 100
85 62.4 52.1 78.1
127 8.1 7.2 10.8





#45

4-Methyl-2-Pentanone

Concen: 3.634 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

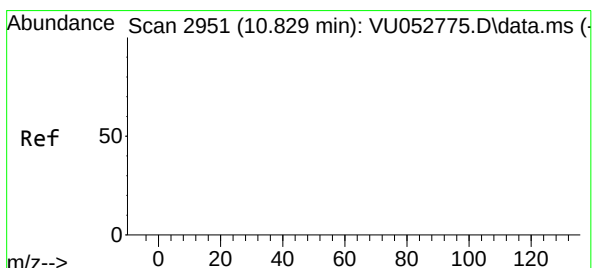
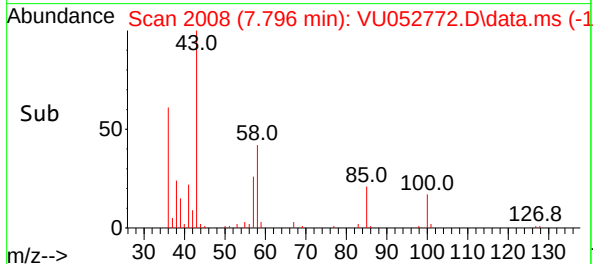
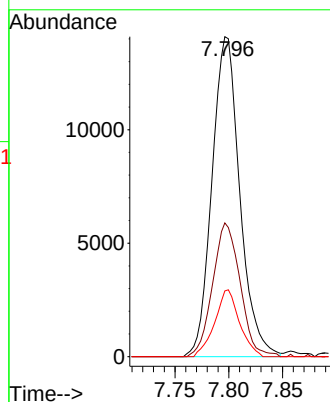
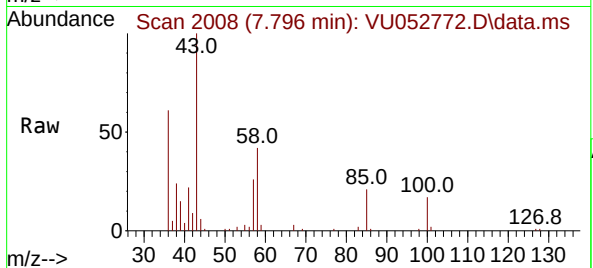
Tgt Ion: 43	Resp: 25349
Ion Ratio	Lower Upper
43 100	
58 41.3	21.7 65.1
85 18.6	16.2 24.4

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: 1.678 ug/l m

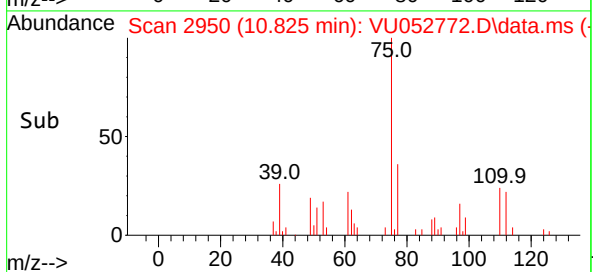
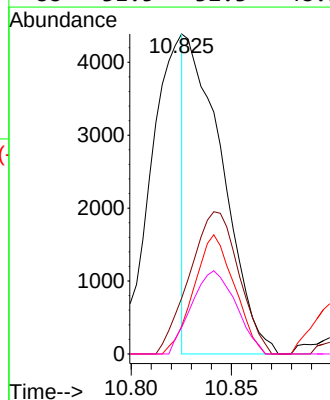
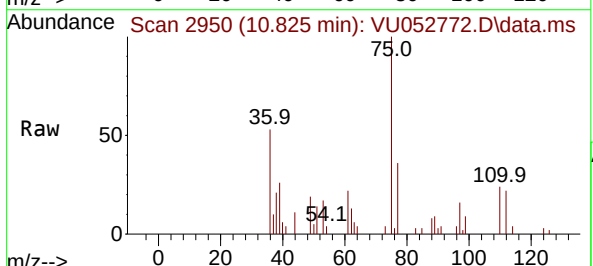
RT: 10.825 min Scan# 2950

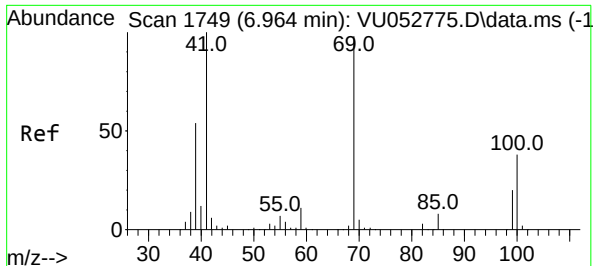
Delta R.T. -0.003 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Tgt Ion: 75	Resp: 5571
Ion Ratio	Lower Upper
75 100	
53 59.9	57.0 85.4
89 41.2	41.1 61.7
88 31.5	32.3 48.5





#47

Methyl methacrylate

Concen: 1.539 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 69 Resp: 850

Ion Ratio Lower Upper

69 100

41 100.9 0.0 201.8

39 54.4 44.0 66.0

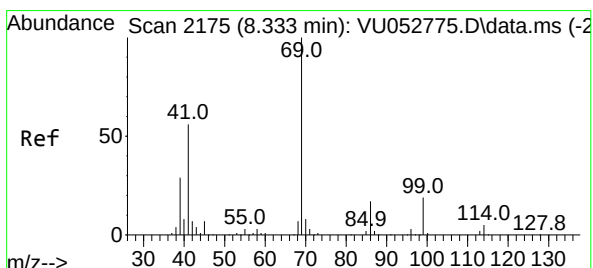
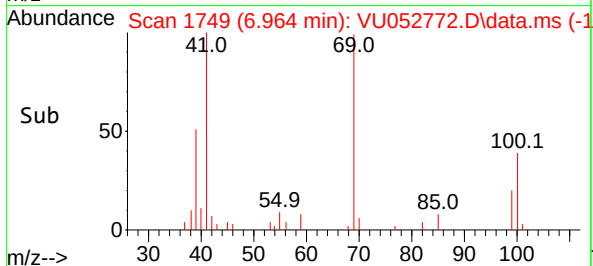
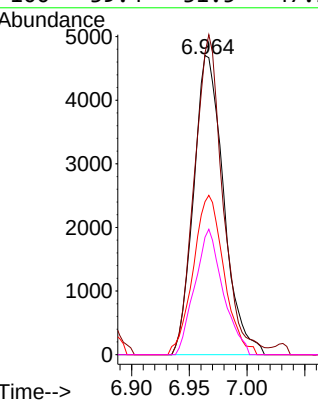
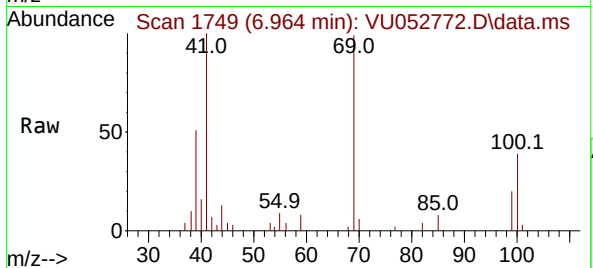
100 39.4 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#48

Ethyl methacrylate

Concen: 0.708 ug/l

RT: 8.336 min Scan# 2176

Delta R.T. 0.003 min

Lab File: VU052772.D

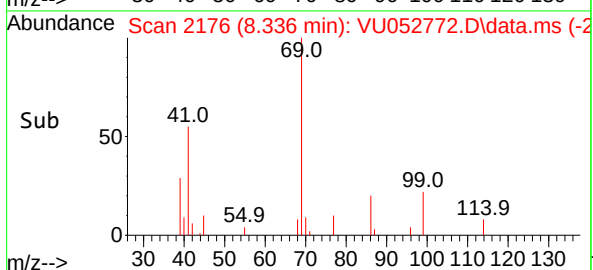
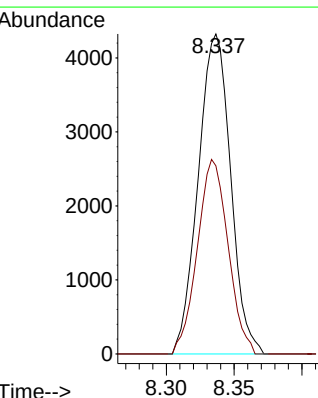
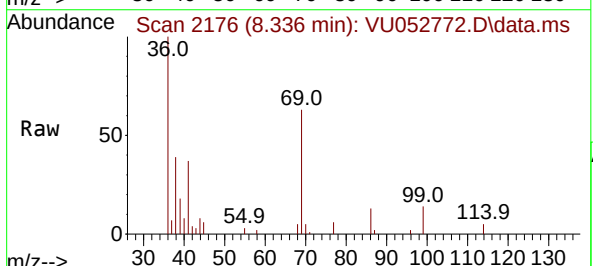
Acq: 23 Jan 2023 11:52

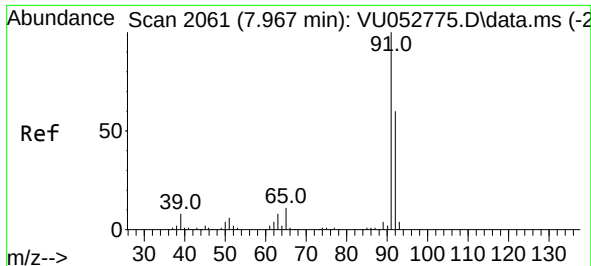
Tgt Ion: 69 Resp: 7189

Ion Ratio Lower Upper

69 100

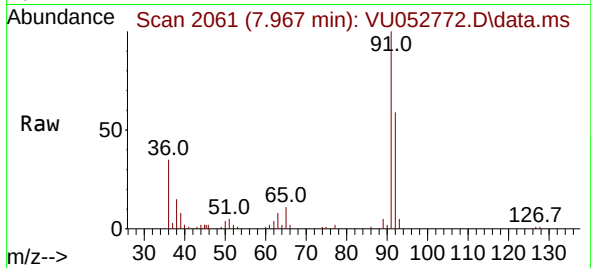
41 57.7 28.1 84.4





#49
Toluene
Concen: 0.823 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

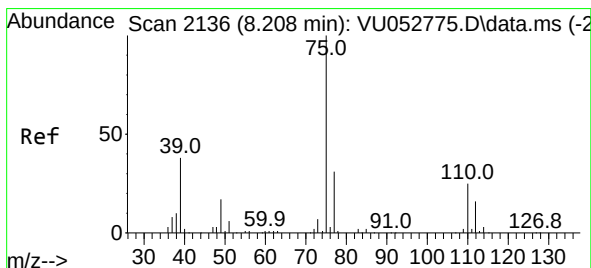
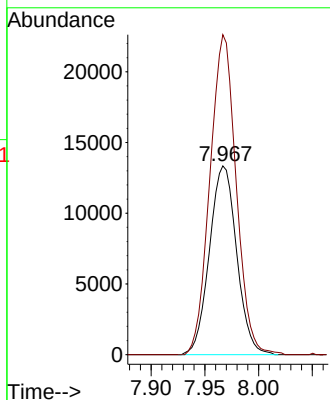
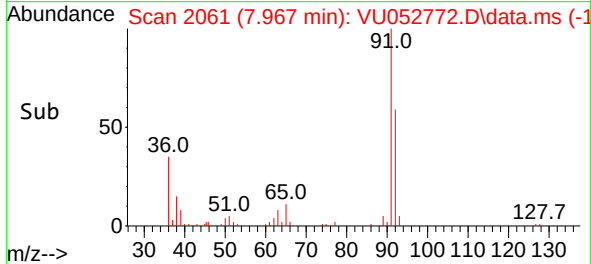
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion: 92 Resp: 23540
Ion Ratio Lower Upper
92 100
91 163.2 133.8 200.8

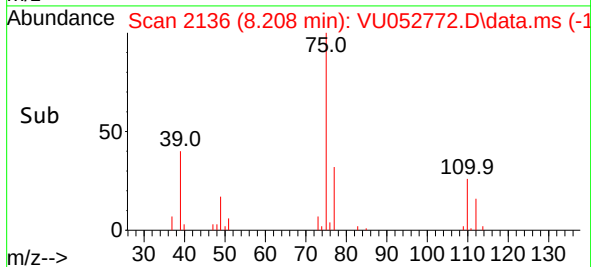
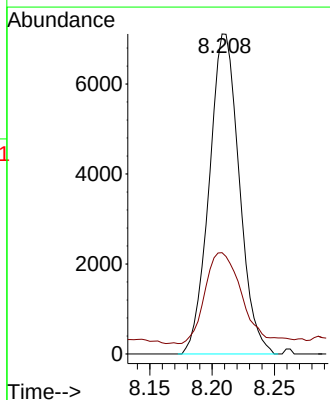
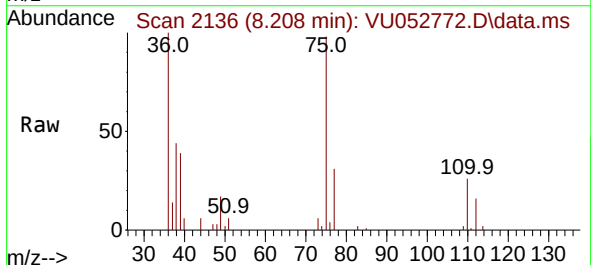
Manual Integrations
APPROVED

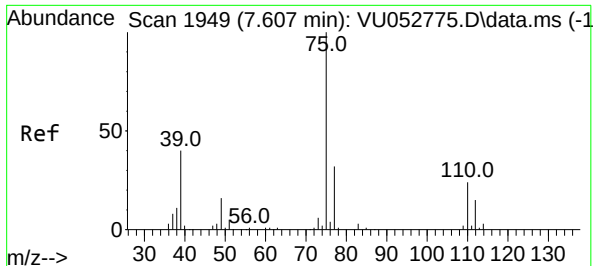
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#50
t-1,3-Dichloropropene
Concen: 0.845 ug/l
RT: 8.208 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

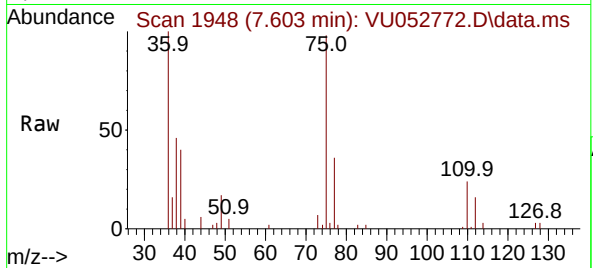
Tgt Ion: 75 Resp: 11944
Ion Ratio Lower Upper
75 100
77 28.4 24.4 36.6





#51
cis-1,3-Dichloropropene
Concen: 0.852 ug/l
RT: 7.603 min Scan# 1949
Delta R.T. -0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

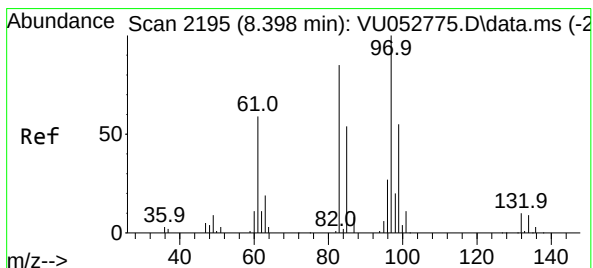
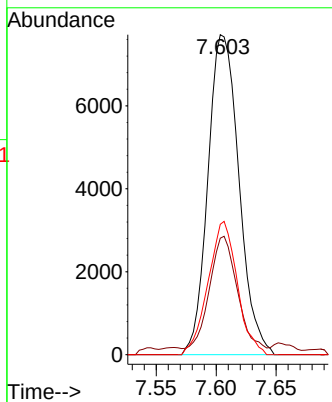
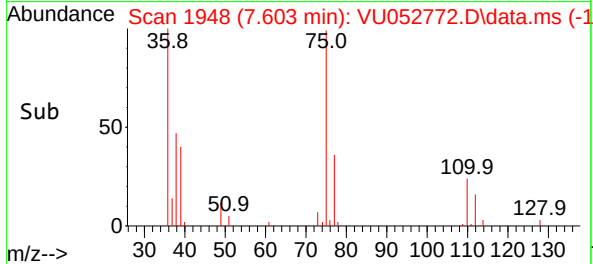
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 13874
Ion Ratio Lower Upper
75 100
77 34.3 25.5 38.3
39 40.8 32.3 48.5

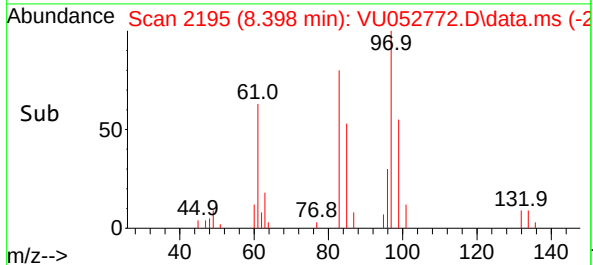
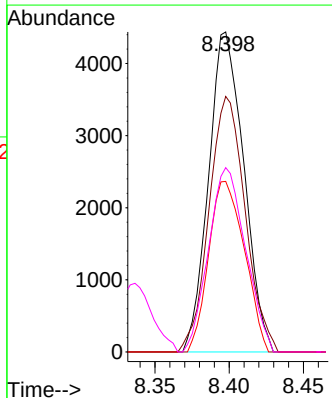
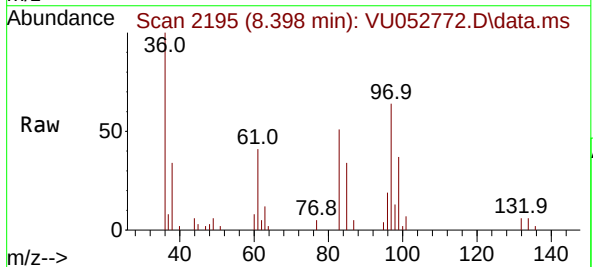
Manual Integrations
APPROVED

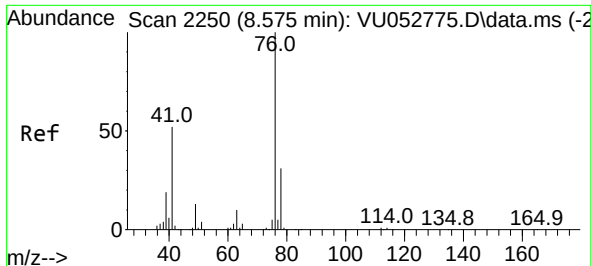
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#52
1,1,2-Trichloroethane
Concen: 0.764 ug/l
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion: 97 Resp: 7317
Ion Ratio Lower Upper
97 100
83 79.8 68.2 102.2
85 53.3 44.5 66.7
99 57.6 51.0 76.4





#53

1,3-Dichloropropane

Concen: 0.802 ug/l

RT: 8.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 76 Resp: 12730

Ion Ratio Lower Upper

76 100

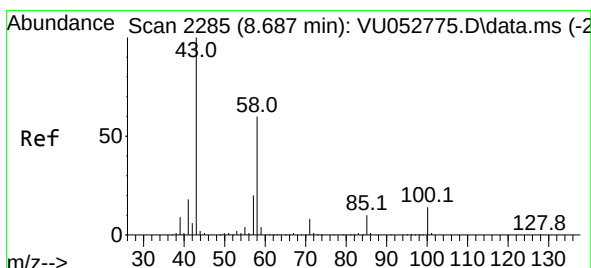
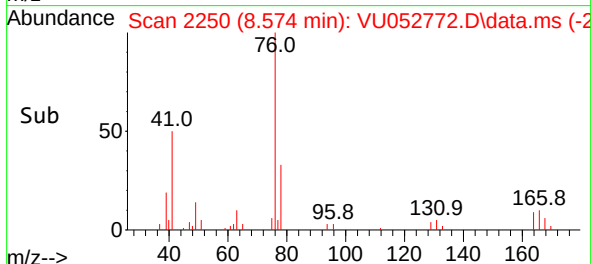
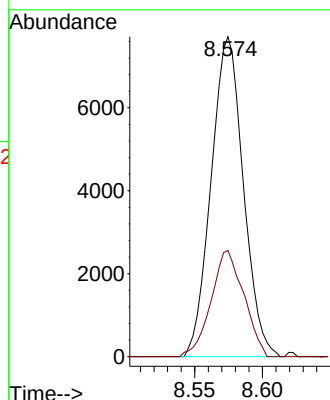
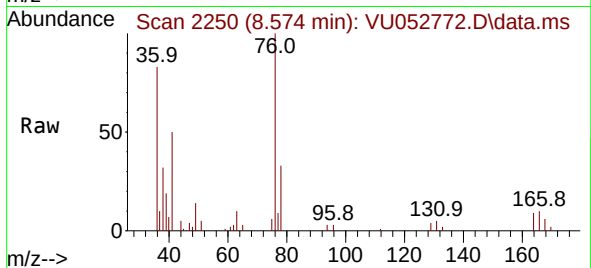
78 33.8 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#54

2-Hexanone

Concen: 4.065 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

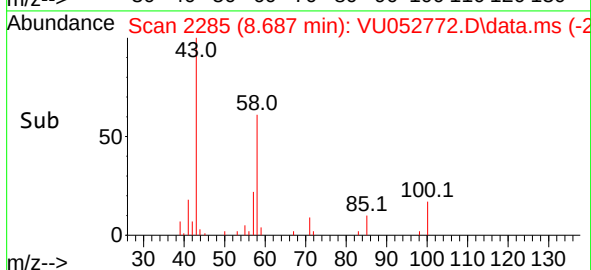
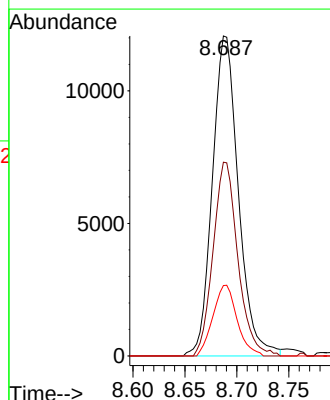
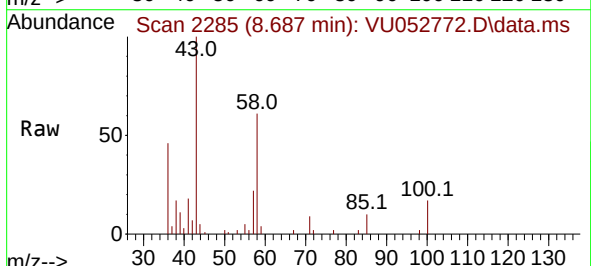
Tgt Ion: 43 Resp: 21036

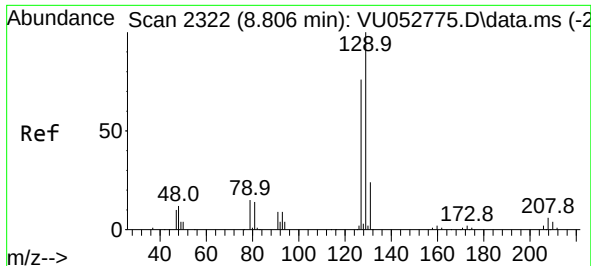
Ion Ratio Lower Upper

43 100

58 57.6 40.0 80.0

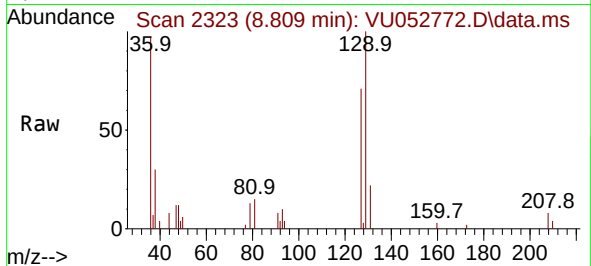
57 20.5 0.6 40.6





#55
Dibromochloromethane
Concen: 0.807 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. 0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

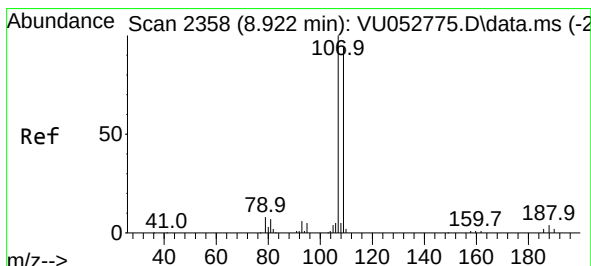
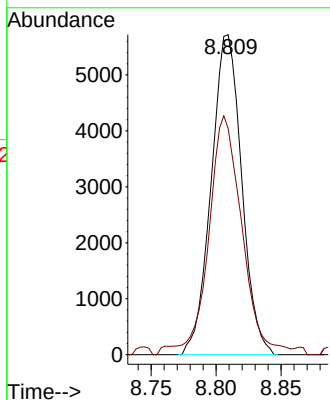
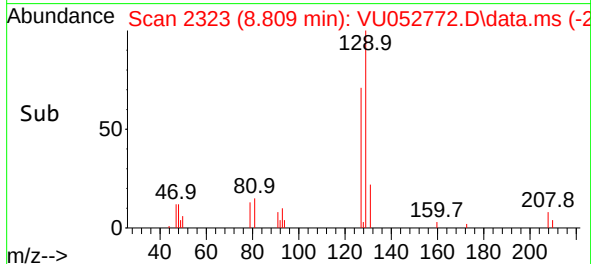
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion:129 Resp: 9319
Ion Ratio Lower Upper
129 100
127 81.6 61.5 92.3

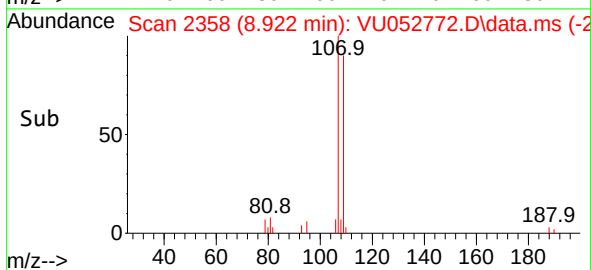
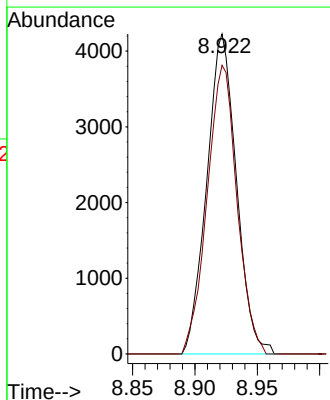
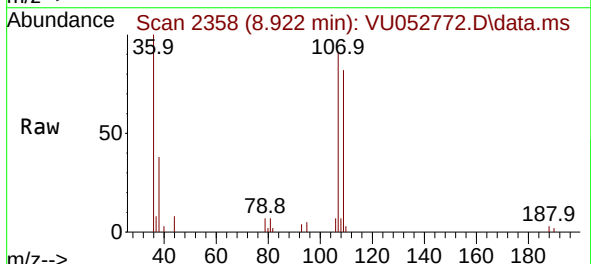
Manual Integrations
APPROVED

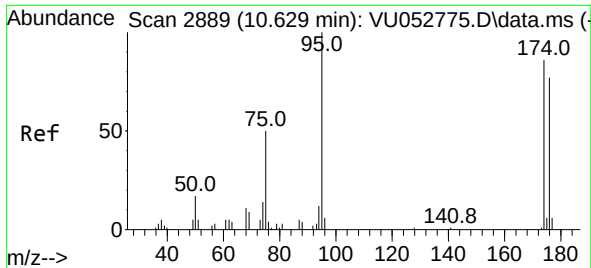
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#56
1,2-Dibromoethane
Concen: 0.768 ug/l
RT: 8.922 min Scan# 2358
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

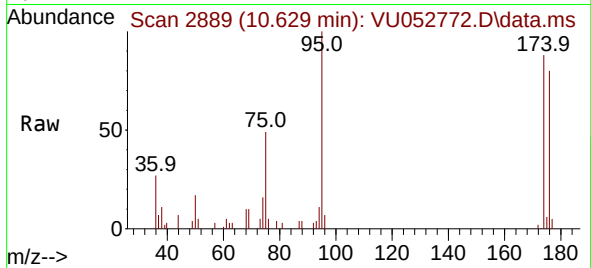
Tgt Ion:107 Resp: 6998
Ion Ratio Lower Upper
107 100
109 90.9 0.0 190.4





#57
4-Bromofluorobenzene
Concen: 0.891 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

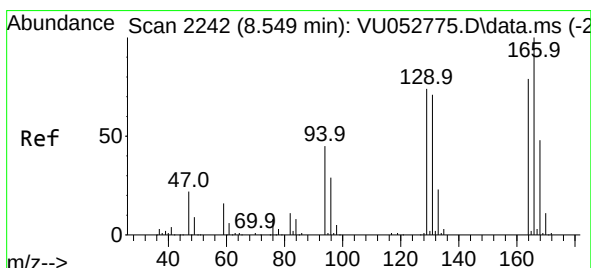
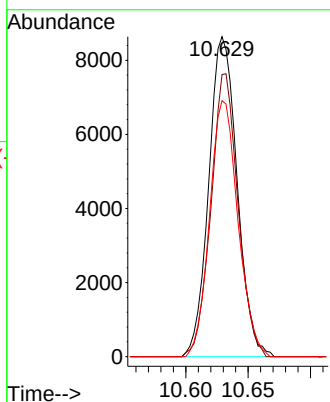
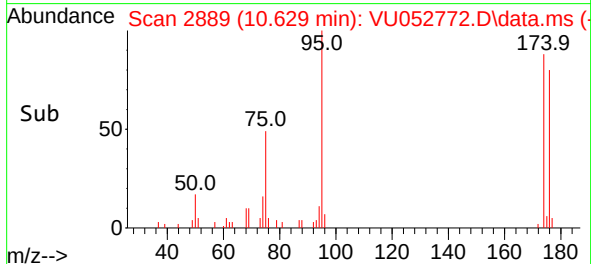
Instrument : MSVOA_U
ClientSampleId : VSTDIC001



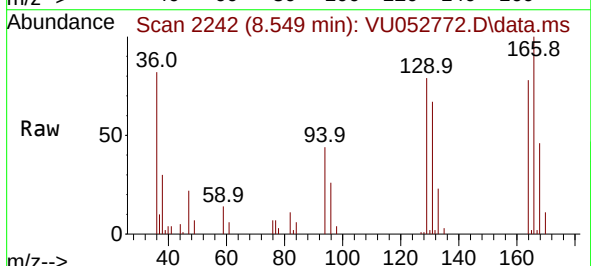
Tgt Ion: 95 Resp: 1366
Ion Ratio Lower Upper
95 100
174 84.3 66.9 100.3
176 80.3 61.9 92.9

Manual Integrations
APPROVED

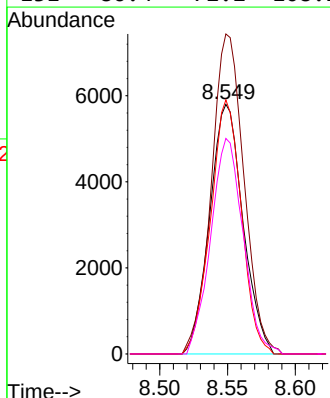
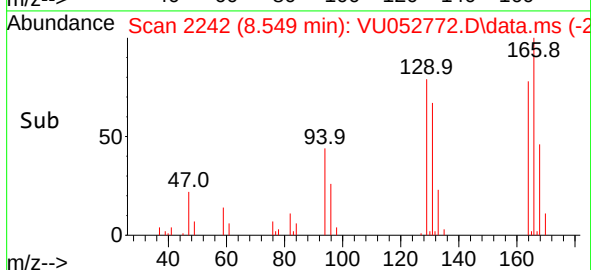
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

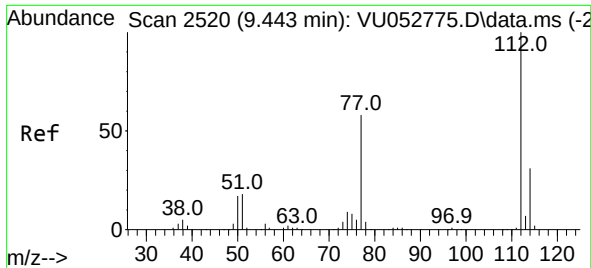


#58
Tetrachloroethene
Concen: 0.815 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52



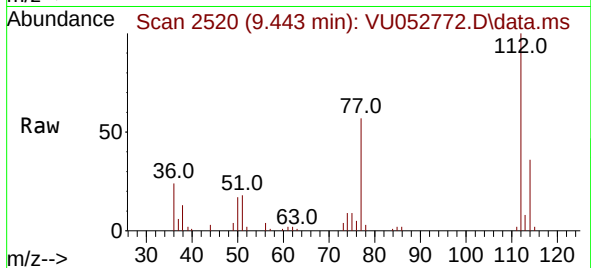
Tgt Ion:164 Resp: 9914
Ion Ratio Lower Upper
164 100
166 128.2 101.5 152.3
129 101.8 75.2 112.8
131 86.4 72.2 108.2





#59
Chlorobenzene
Concen: 0.759 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

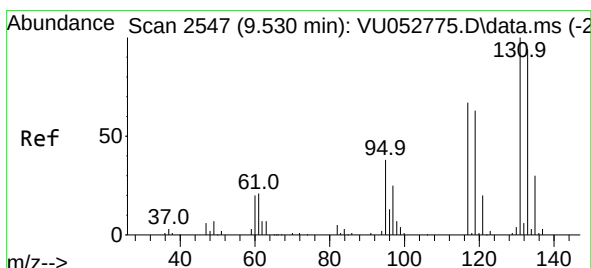
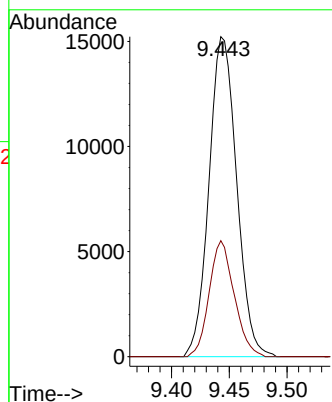
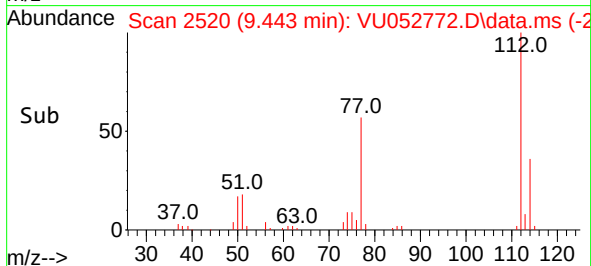
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



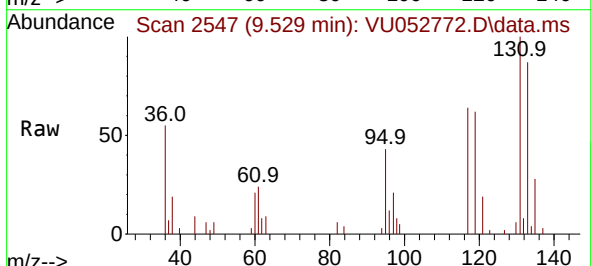
Tgt Ion:112 Resp: 2536
Ion Ratio Lower Upper
112 100
114 36.2 25.2 37.8

Manual Integrations
APPROVED

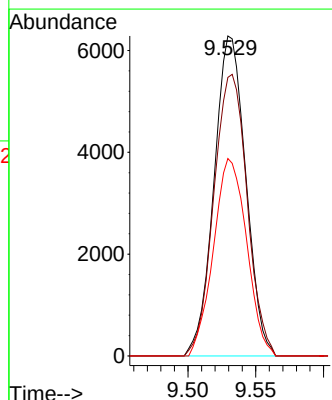
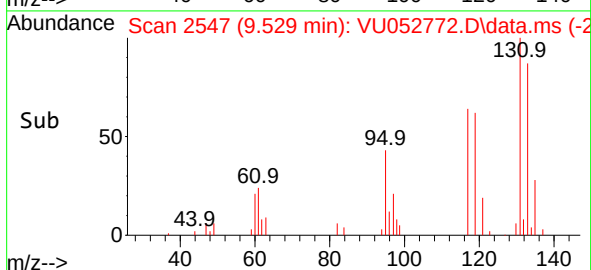
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

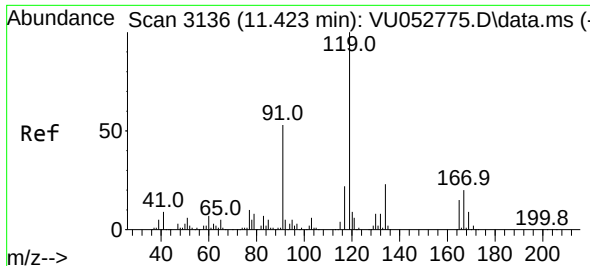


#60
1,1,1,2-Tetrachloroethane
Concen: 0.858 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52



Tgt Ion:131 Resp: 10249
Ion Ratio Lower Upper
131 100
133 92.3 77.2 115.8
119 64.4 50.8 76.2





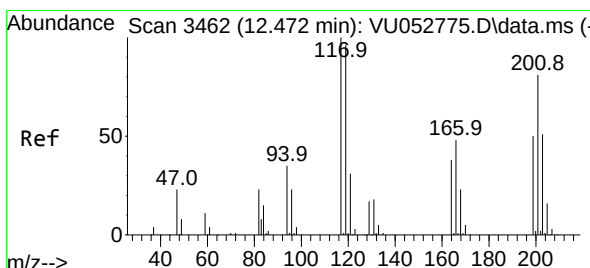
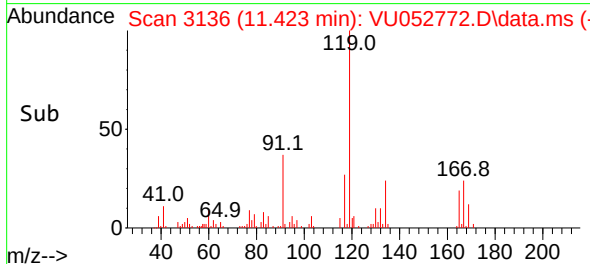
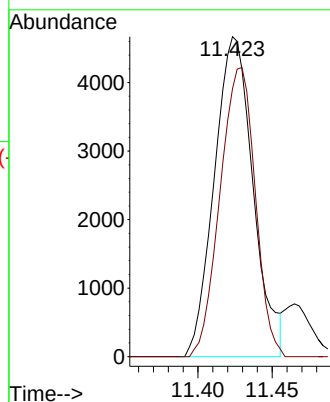
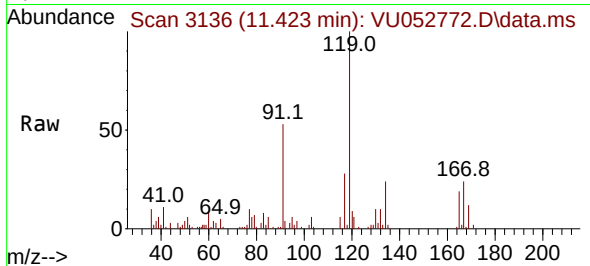
#61
 Pentachloroethane
 Concen: 0.851 ug/l
 RT: 11.423 min Scan# 3136
 Delta R.T. -0.000 min
 Lab File: VU052772.D
 Acq: 23 Jan 2023 11:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion:117 Resp: 849
 Ion Ratio Lower Upper
 117 100
 167 81.7 66.8 100.2

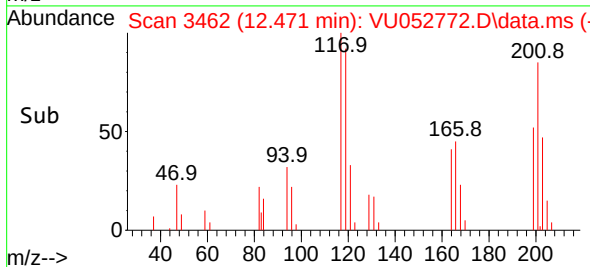
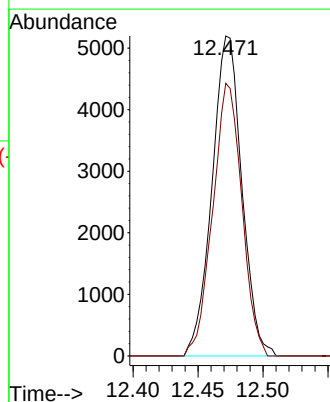
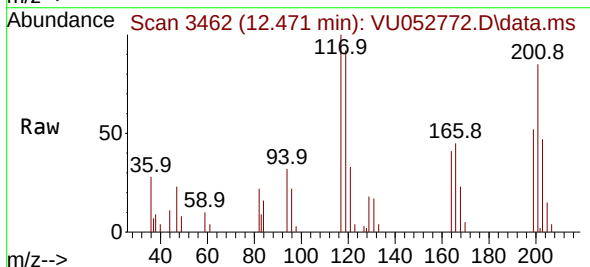
Manual Integrations
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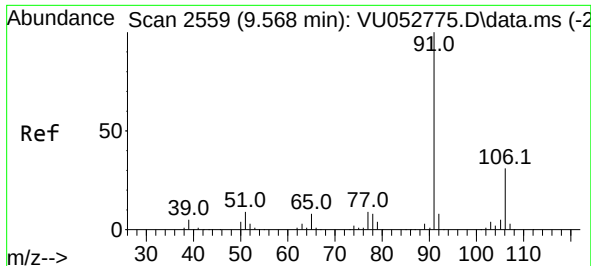
Reviewed By :Krupa Patel 01/24/2023
 Supervised By :Mahesh Dadoda 01/24/2023



#62
 Hexachloroethane
 Concen: 0.896 ug/l
 RT: 12.471 min Scan# 3462
 Delta R.T. -0.000 min
 Lab File: VU052772.D
 Acq: 23 Jan 2023 11:52

Tgt Ion:117 Resp: 8298
 Ion Ratio Lower Upper
 117 100
 201 83.1 64.6 97.0





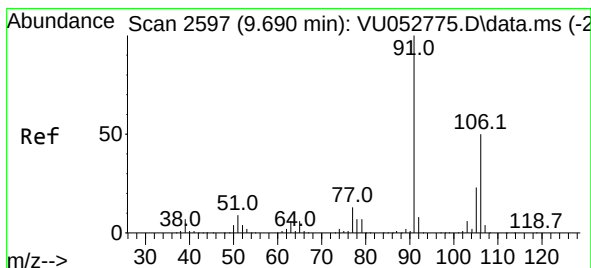
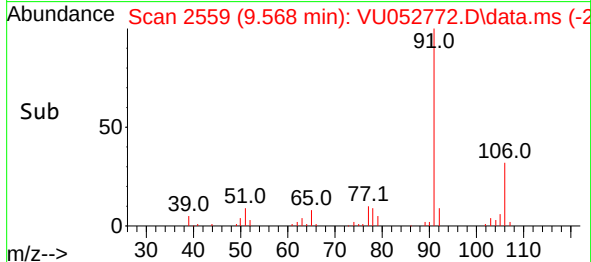
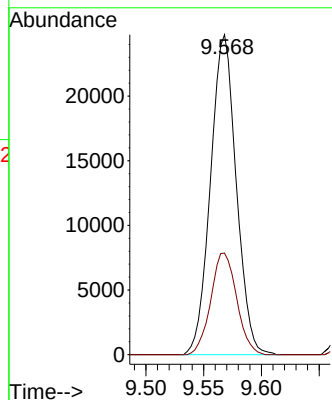
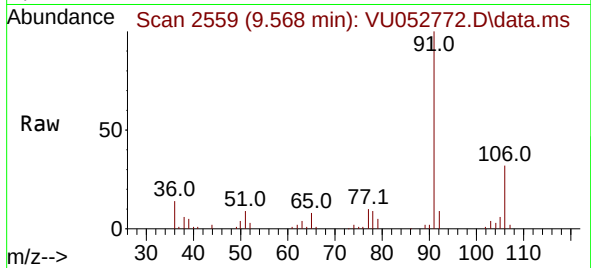
#63
Ethyl Benzene
Concen: 0.740 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 38389
Ion Ratio Lower Upper
91 100
106 31.7 25.1 37.7

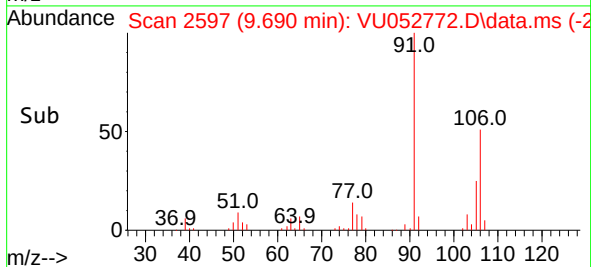
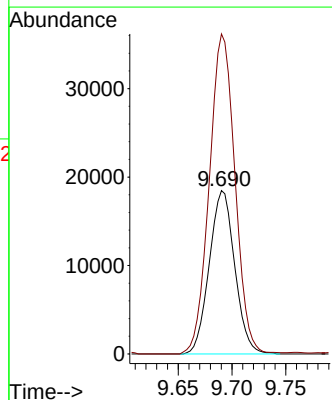
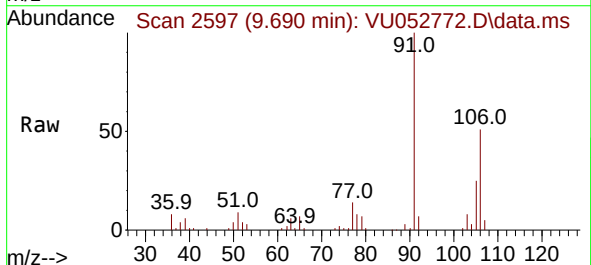
Manual Integrations
APPROVED

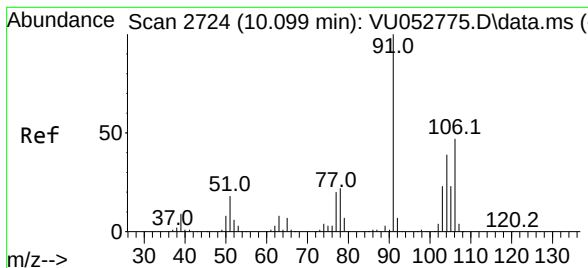
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#64
m/p-Xylenes
Concen: 1.468 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion:106 Resp: 30393
Ion Ratio Lower Upper
106 100
91 197.9 158.7 238.1





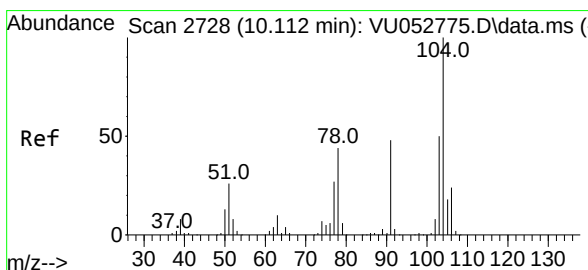
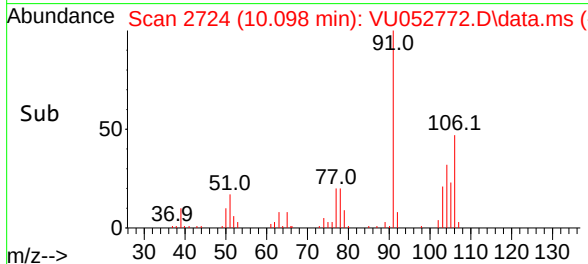
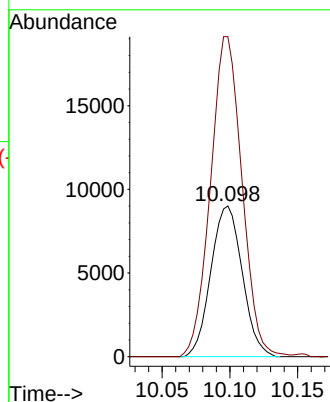
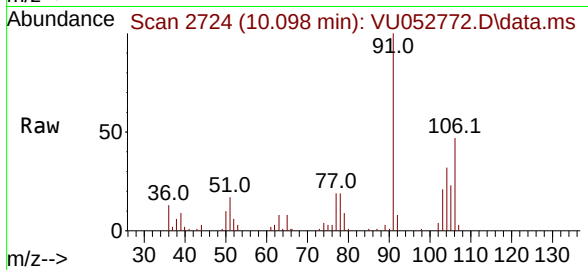
#65
o-Xylene
Concen: 0.732 ug/l
RT: 10.098 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 1450
Ion Ratio Lower Upper
106 100
91 213.0 105.6 316.8

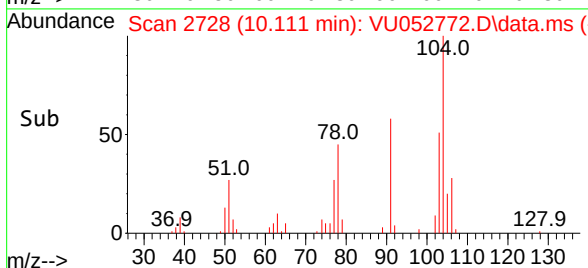
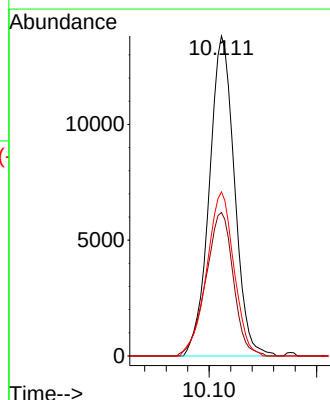
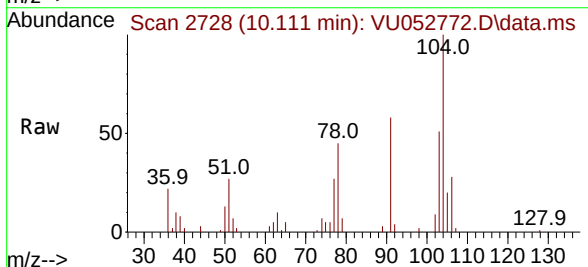
Manual Integrations
APPROVED

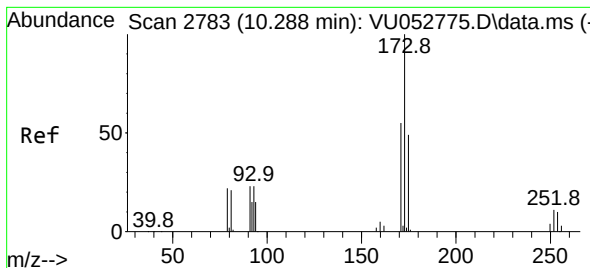
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#66
Styrene
Concen: 0.679 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Tgt Ion:104 Resp: 22491
Ion Ratio Lower Upper
104 100
78 48.9 39.6 59.4
103 55.1 42.9 64.3





#67

Bromoform

Concen: 0.786 ug/l

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

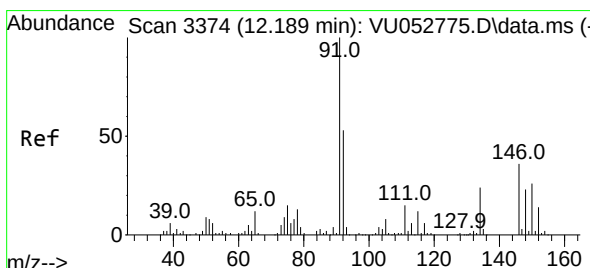
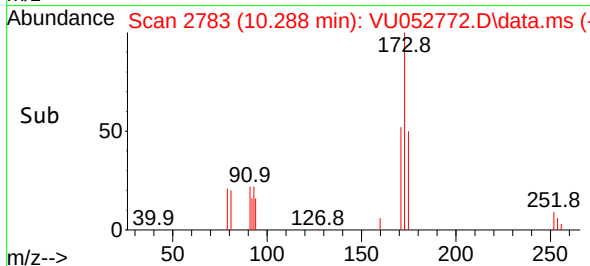
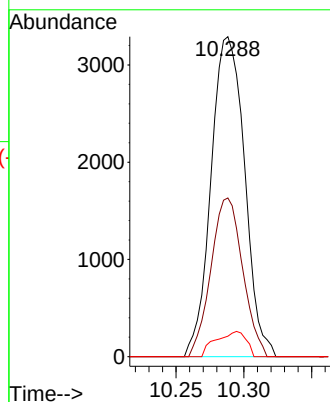
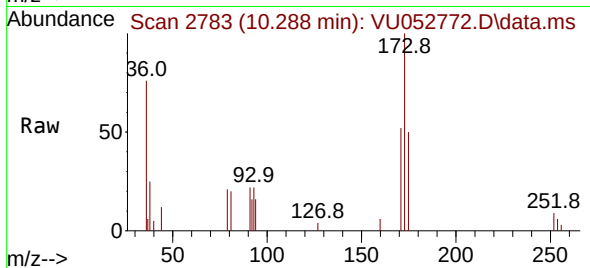
Tgt Ion:173	Resp:	566
Ion Ratio	Lower	Upper
173	100	
175	46.9	39.5 59.3
254	7.1	8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#68

1,2-Dichlorobenzene-d4

Concen: 0.757 ug/l

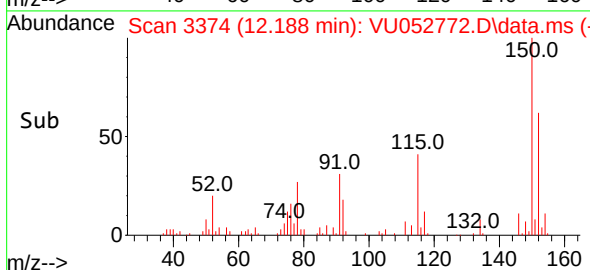
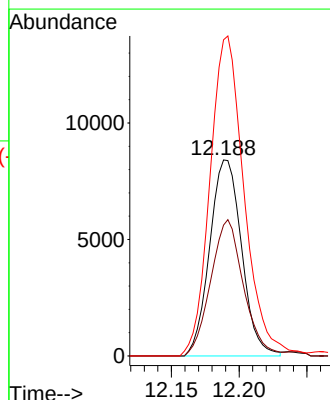
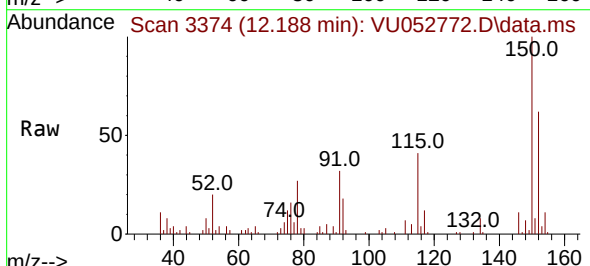
RT: 12.188 min Scan# 3374

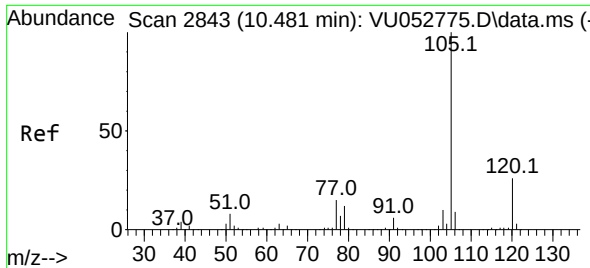
Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Tgt Ion:152	Resp:	13783
Ion Ratio	Lower	Upper
152	100	
115	71.5	0.0 262.6
150	174.6	0.0 638.0





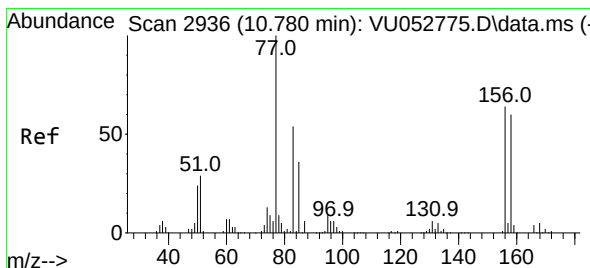
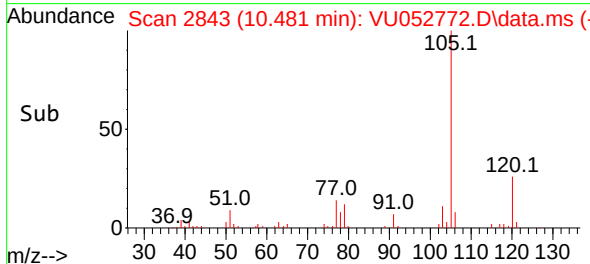
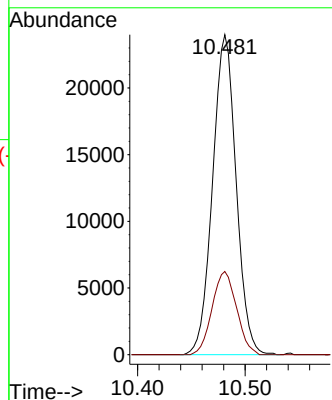
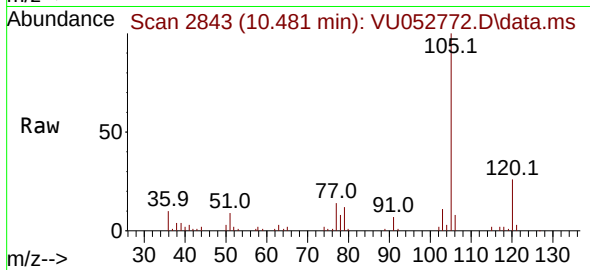
#69
Isopropylbenzene
Concen: 0.708 ug/l
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 3648
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9

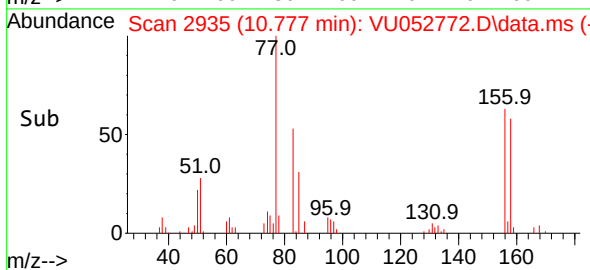
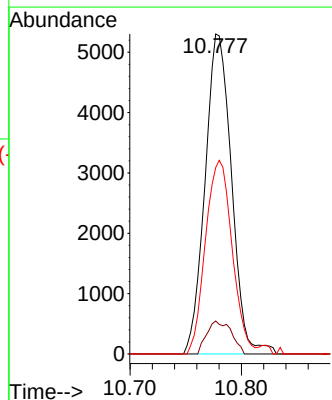
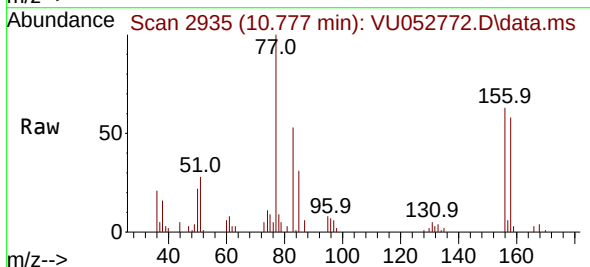
Manual Integrations
APPROVED

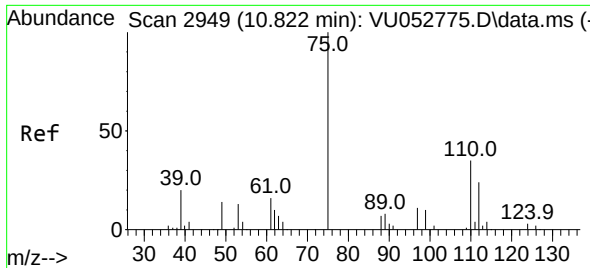
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 0.711 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

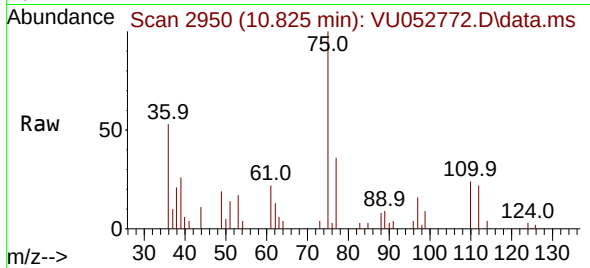
Tgt Ion: 83 Resp: 8756
Ion Ratio Lower Upper
83 100
131 9.5 8.6 13.0
85 60.9 52.6 78.8





#71
1,2,3-Trichloropropane
Concen: 0.751 ug/l m
RT: 10.825 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

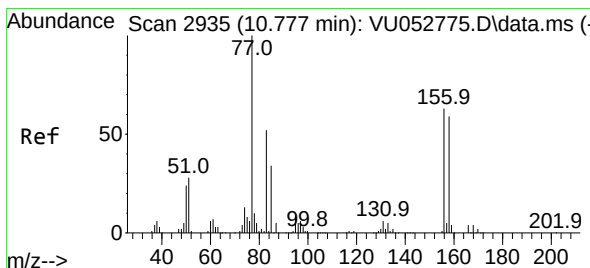
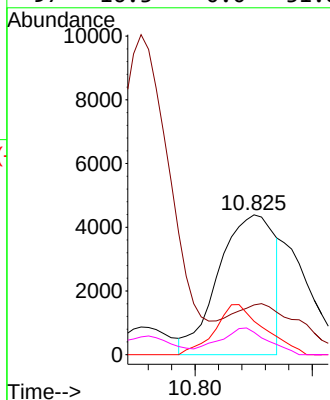
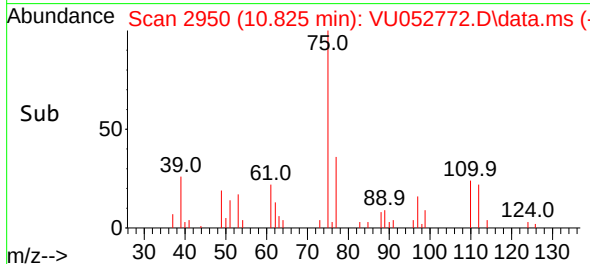
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



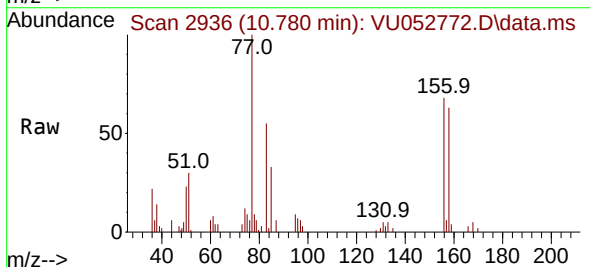
Tgt Ion: 75	Resp: 727
Ion Ratio	Lower Upper
75	100
77	44.6 0.0 86.0
110	31.4 0.0 63.8
97	16.3 0.0 31.8

Manual Integrations
APPROVED

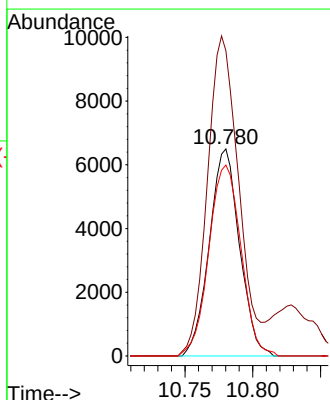
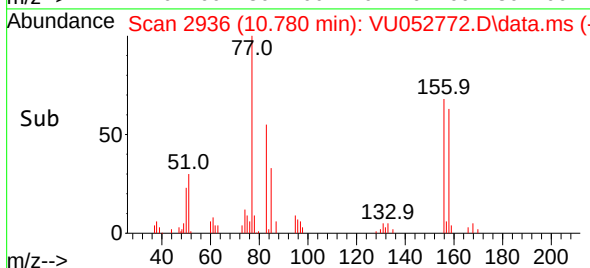
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

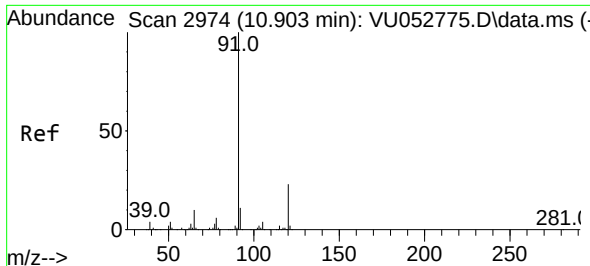


#72
Bromobenzene
Concen: 0.667 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52



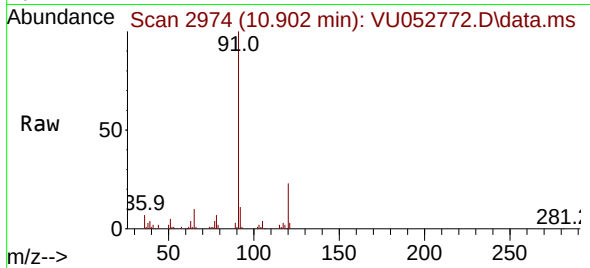
Tgt Ion: 156	Resp: 10072
Ion Ratio	Lower Upper
156	100
77	158.5 0.0 321.2
158	98.1 0.0 192.0





#73
n-propylbenzene
Concen: 0.686 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

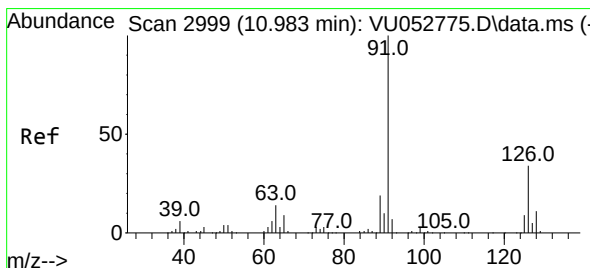
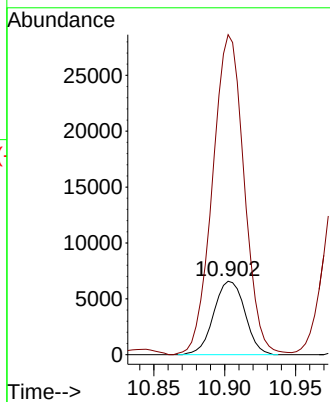
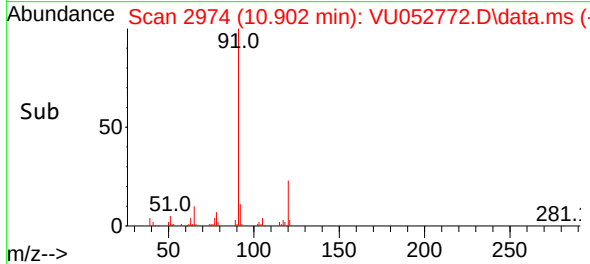
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



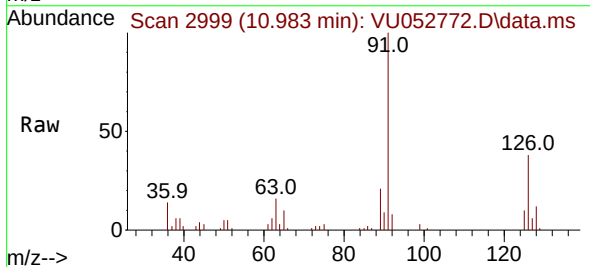
Tgt Ion:120 Resp: 10039
Ion Ratio Lower Upper
120 100
91 442.9 348.0 522.0

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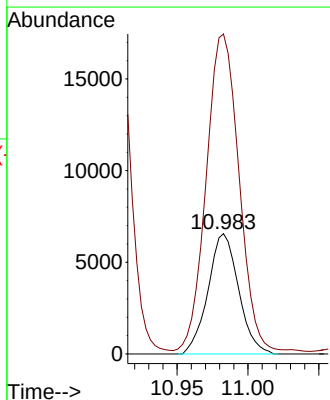
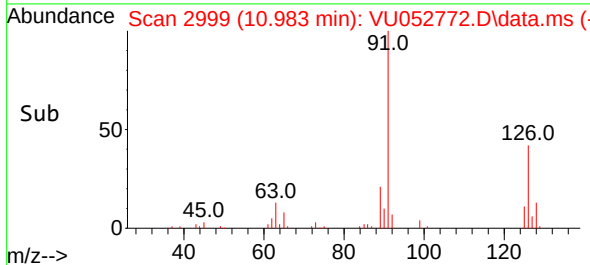
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

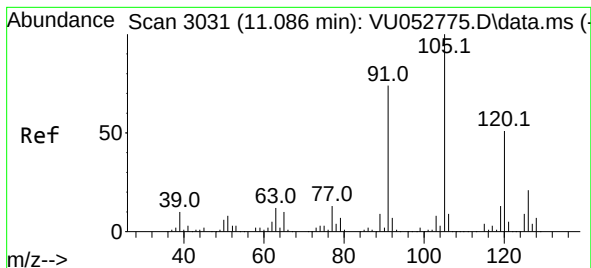


#74
2-Chlorotoluene
Concen: 0.713 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52



Tgt Ion:126 Resp: 9826
Ion Ratio Lower Upper
126 100
91 284.4 0.0 588.6





#75

1,3,5-Trimethylbenzene

Concen: 0.704 ug/l

RT: 11.086 min Scan# 3031

Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 3086

Ion Ratio Lower Upper

105 100

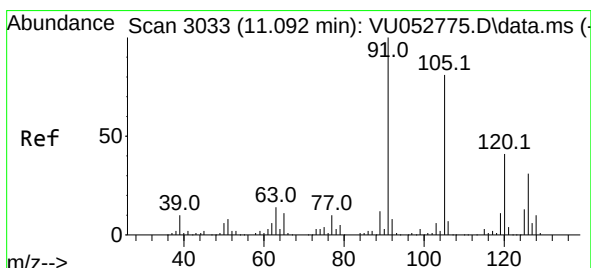
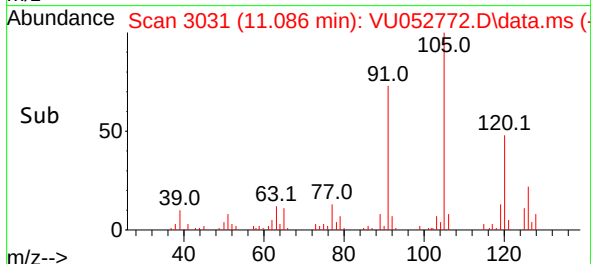
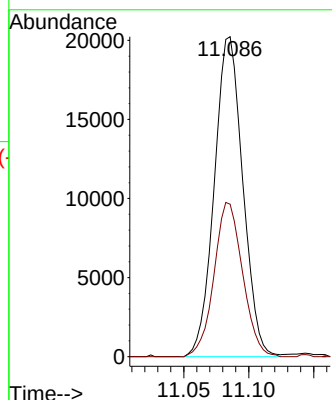
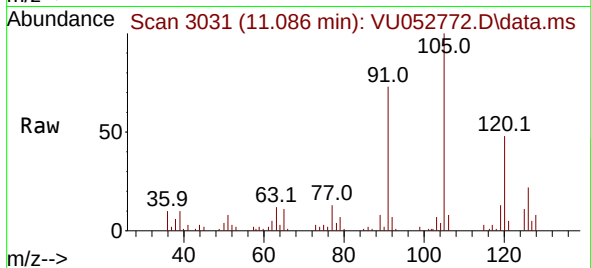
120 48.3 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#76

4-Chlorotoluene

Concen: 0.656 ug/l

RT: 11.095 min Scan# 3034

Delta R.T. 0.003 min

Lab File: VU052772.D

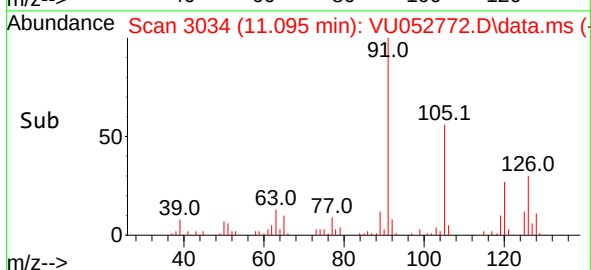
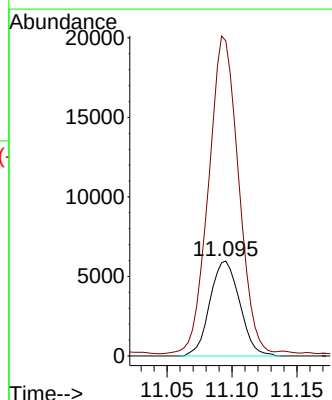
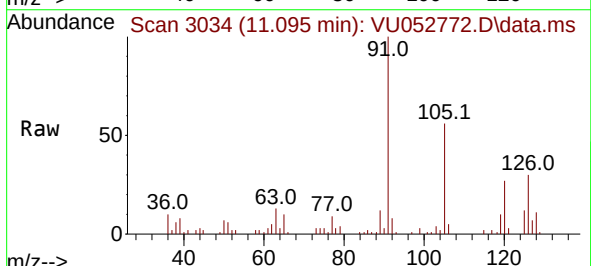
Acq: 23 Jan 2023 11:52

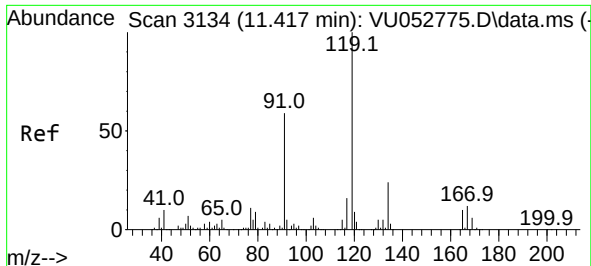
Tgt Ion:126 Resp: 9511

Ion Ratio Lower Upper

126 100

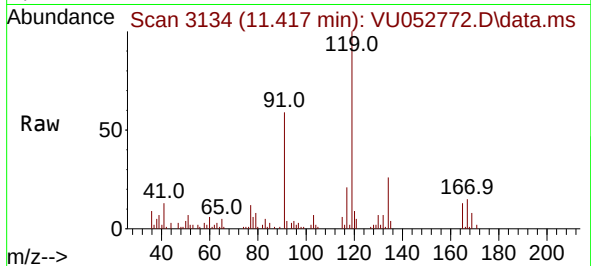
91 336.7 0.0 661.8





#77
tert-Butylbenzene
Concen: 0.732 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

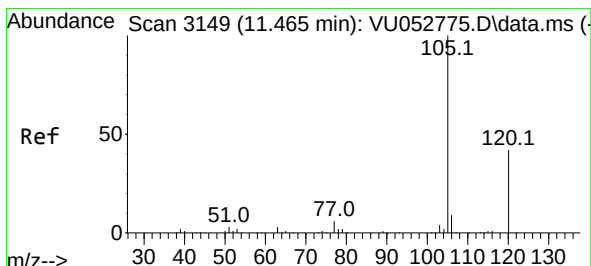
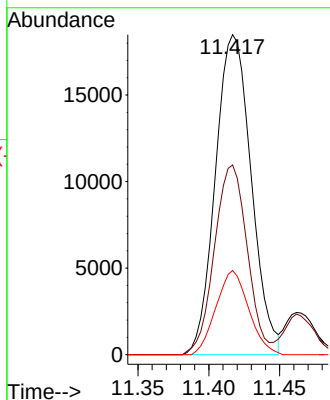
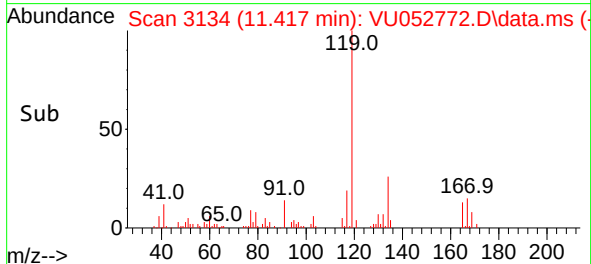
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



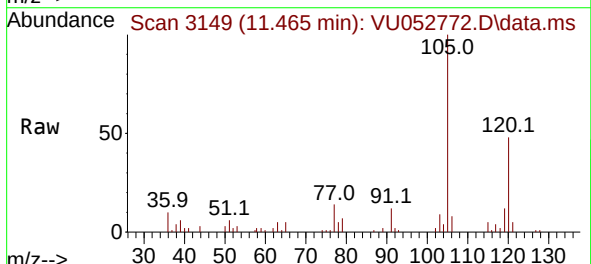
Tgt Ion:119 Resp: 3255
Ion Ratio Lower Upper
119 100
91 54.1 28.4 85.3
134 24.0 18.6 27.8

Manual Integrations
APPROVED

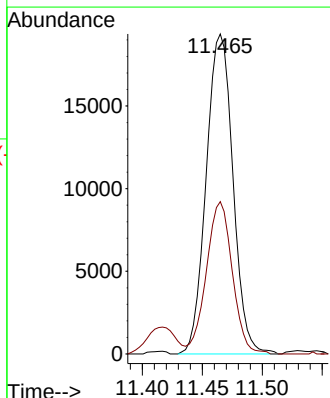
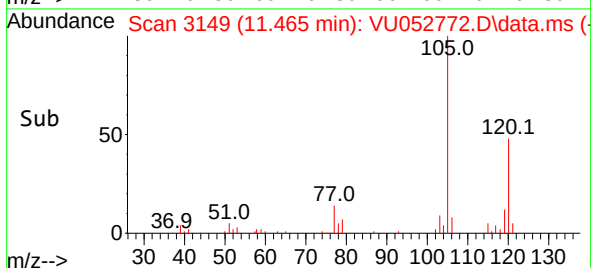
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

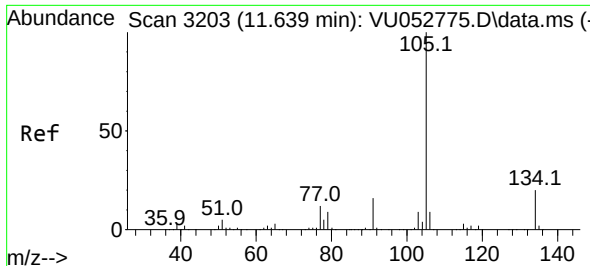


#78
1,2,4-Trimethylbenzene
Concen: 0.670 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52



Tgt Ion:105 Resp: 30049
Ion Ratio Lower Upper
105 100
120 46.1 23.4 70.3





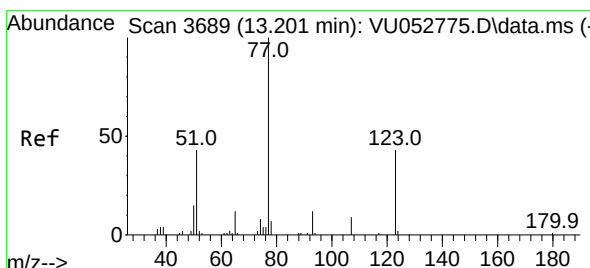
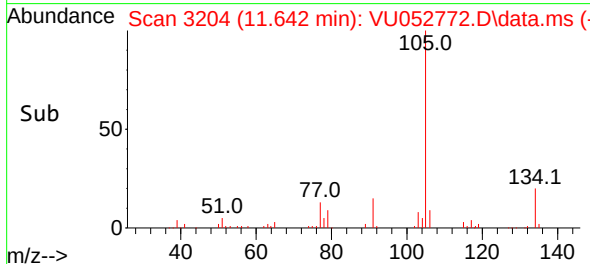
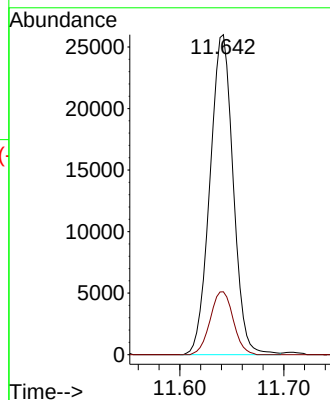
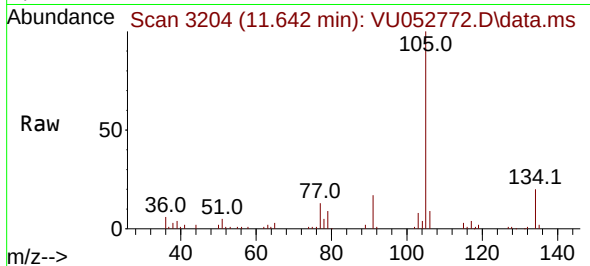
#79
 sec-Butylbenzene
 Concen: 0.696 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU052772.D
 Acq: 23 Jan 2023 11:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 4039
 Ion Ratio Lower Upper
 105 100
 134 19.5 16.5 24.7

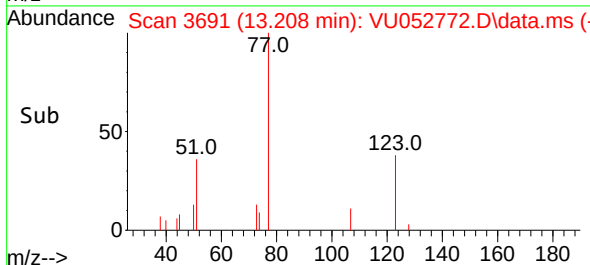
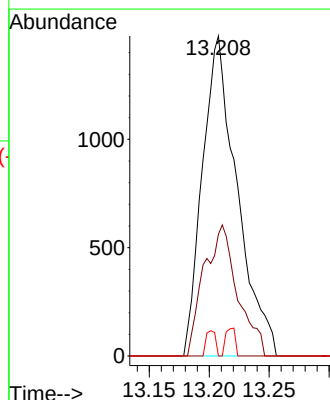
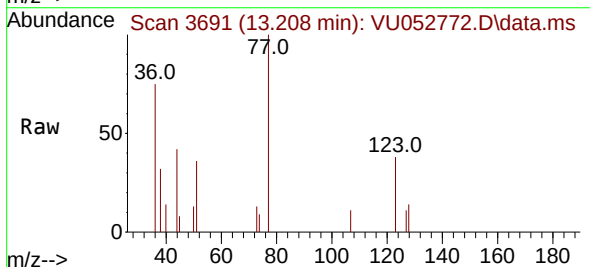
Manual Integrations
 APPROVED

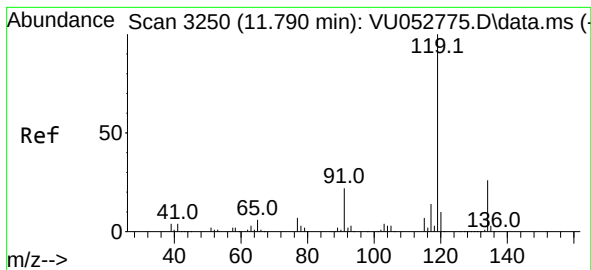
Reviewed By :Krupa Patel 01/24/2023
 Supervised By :Mahesh Dadoda 01/24/2023



#80
 Nitrobenzene
 Concen: 5.857 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. 0.006 min
 Lab File: VU052772.D
 Acq: 23 Jan 2023 11:52

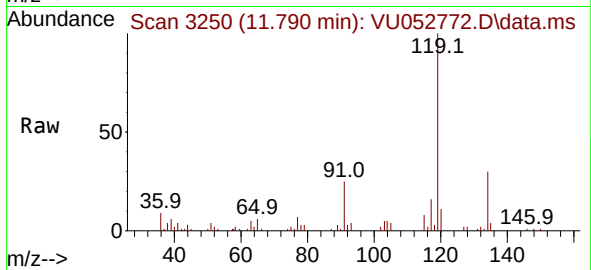
Tgt Ion: 77 Resp: 2962
 Ion Ratio Lower Upper
 77 100
 123 39.7 18.8 66.8
 65 2.2 10.1 12.9#





#81
p-Isopropyltoluene
Concen: 0.668 ug/l
RT: 11.790 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

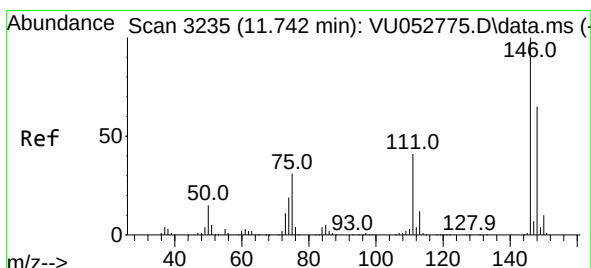
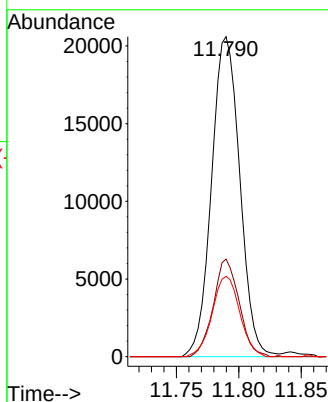
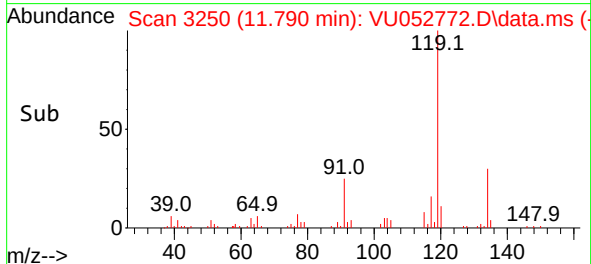
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



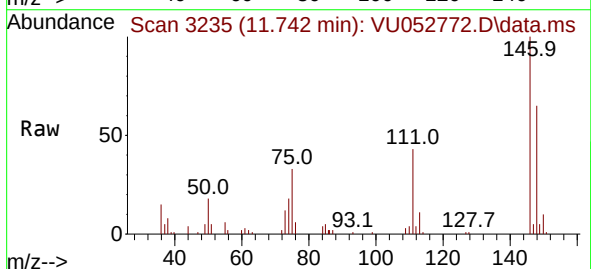
Tgt Ion:119 Resp: 32494
Ion Ratio Lower Upper
119 100
134 27.9 20.7 31.1
91 24.5 17.6 26.4

Manual Integrations
APPROVED

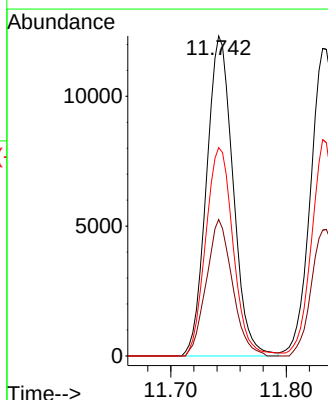
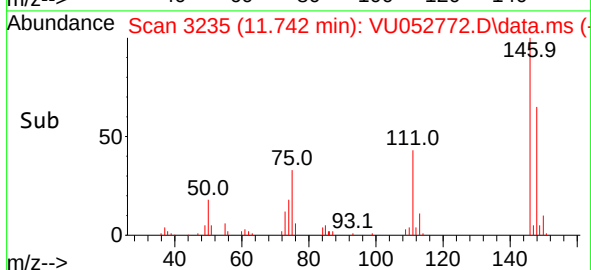
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

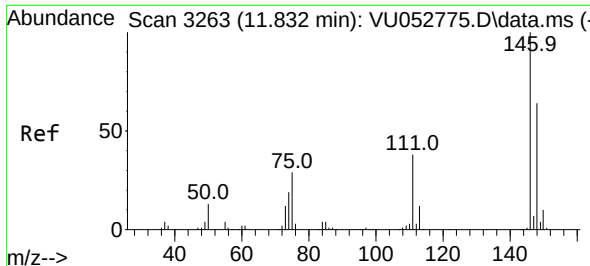


#82
1,3-Dichlorobenzene
Concen: 0.646 ug/l
RT: 11.742 min Scan# 3235
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52



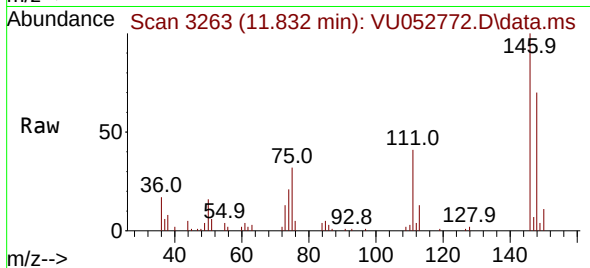
Tgt Ion:146 Resp: 19688
Ion Ratio Lower Upper
146 100
111 41.9 32.6 48.8
148 67.3 51.9 77.9





#83
1,4-Dichlorobenzene
Concen: 0.643 ug/l
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

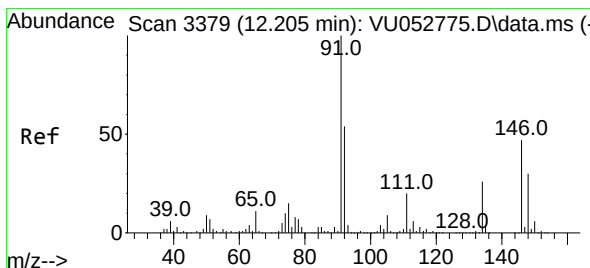
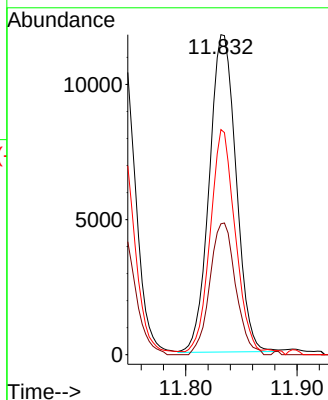
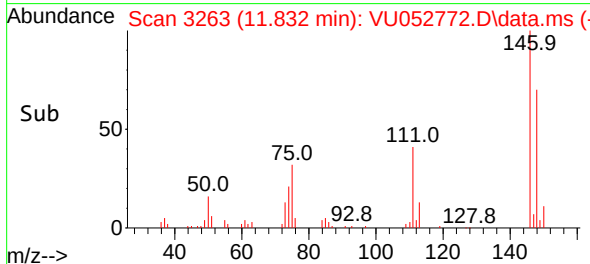
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



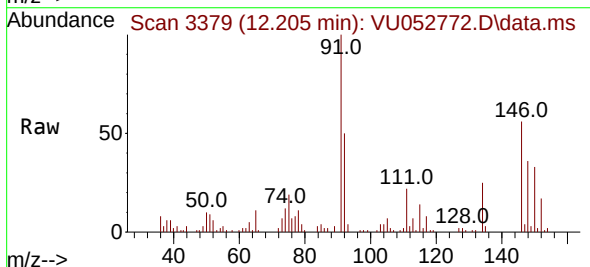
Tgt Ion:146 Resp: 1966
Ion Ratio Lower Upper
146 100
111 39.9 29.5 44.3
148 64.6 51.4 77.0

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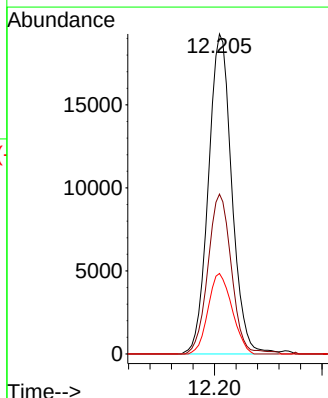
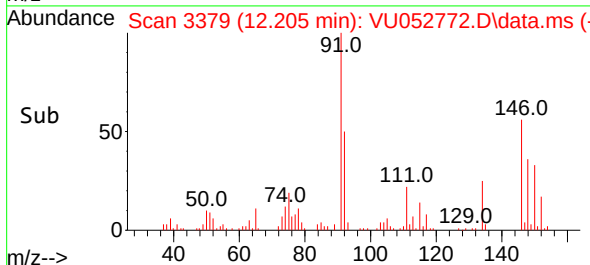
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

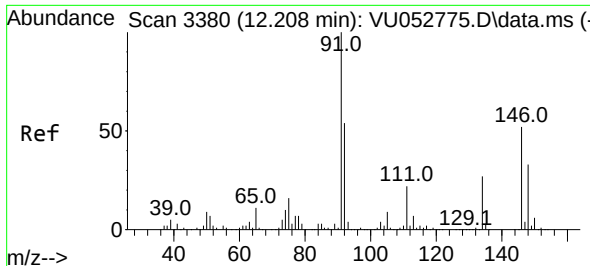


#84
n-Butylbenzene
Concen: 0.635 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52



Tgt Ion: 91 Resp: 29098
Ion Ratio Lower Upper
91 100
92 50.2 43.4 65.0
134 25.7 21.2 31.8





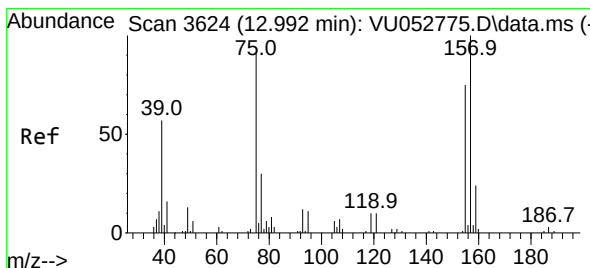
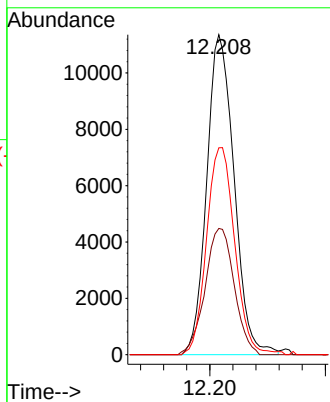
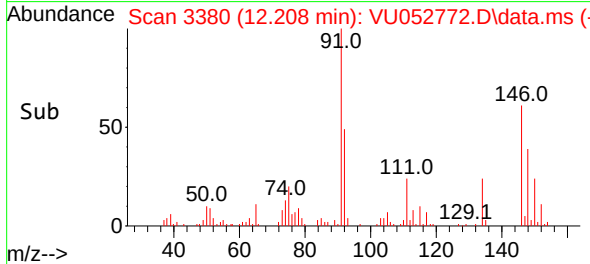
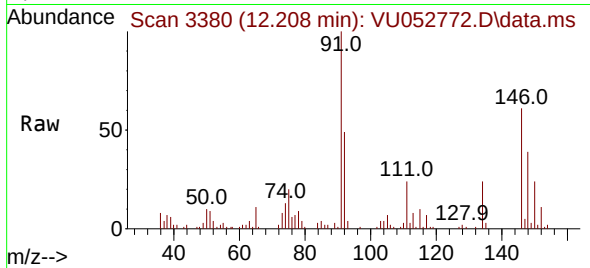
#85
1,2-Dichlorobenzene
Concen: 0.646 ug/l
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 1868
Ion Ratio Lower Upper
146 100
111 42.0 20.8 62.5
148 66.8 31.4 94.2

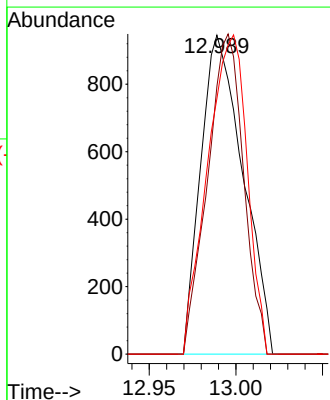
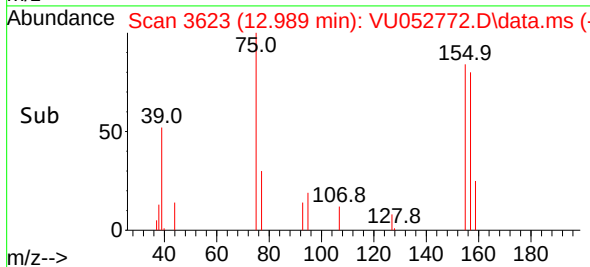
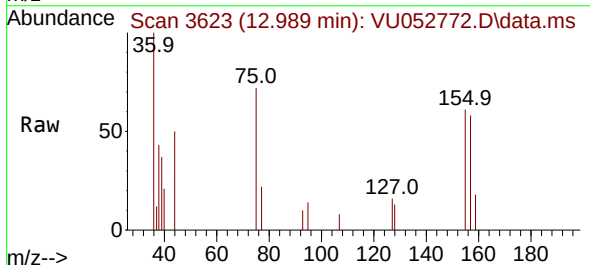
Manual Integrations
APPROVED

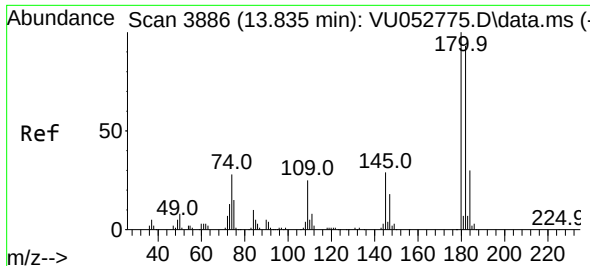
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.806 ug/l
RT: 12.989 min Scan# 3623
Delta R.T. -0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

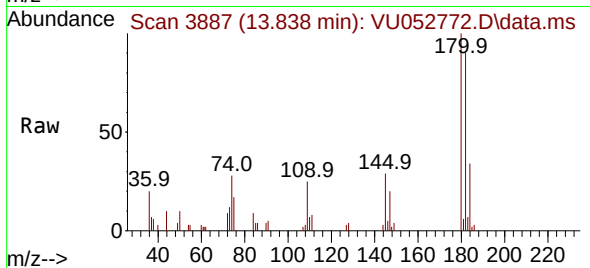
Tgt Ion: 75 Resp: 1607
Ion Ratio Lower Upper
75 100
155 85.5 66.0 99.0
157 93.8 85.9 128.9





#87
1,2,4-Trichlorobenzene
Concen: 0.527 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52

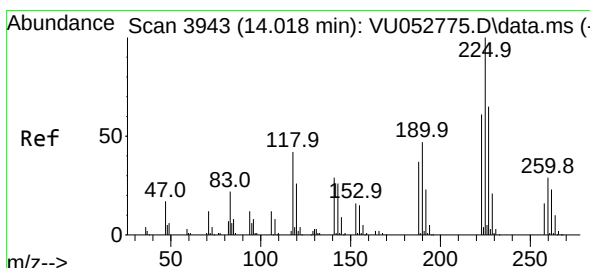
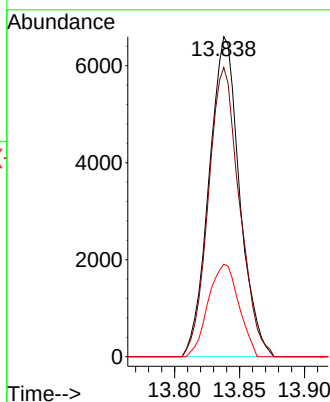
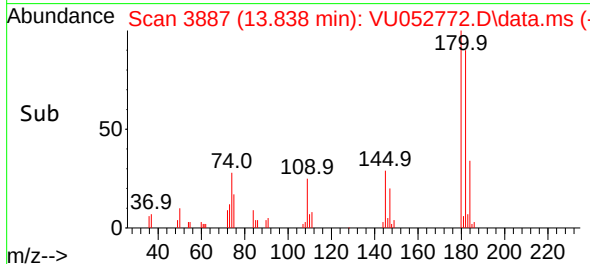
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



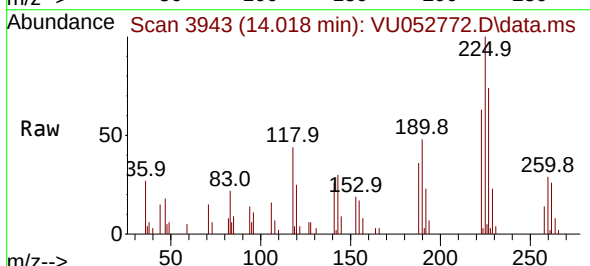
Tgt Ion:180 Resp: 1078
Ion Ratio Lower Upper
180 100
182 92.0 74.6 112.0
145 28.8 23.4 35.0

Manual Integrations
APPROVED

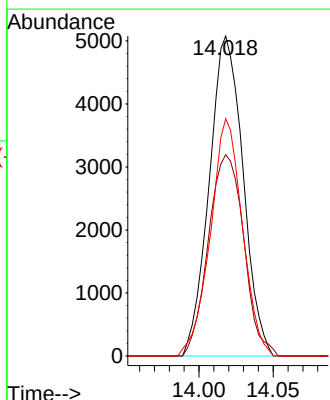
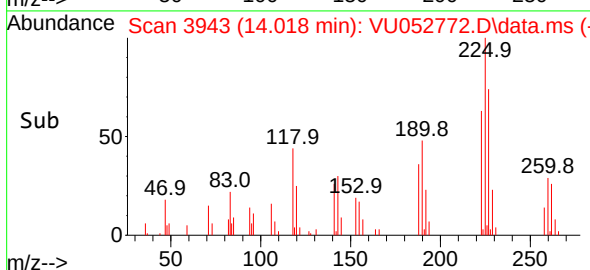
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

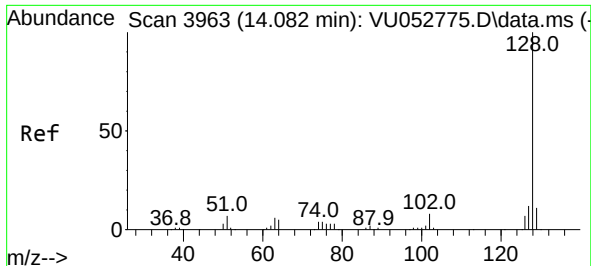


#88
Hexachlorobutadiene
Concen: 0.651 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU052772.D
Acq: 23 Jan 2023 11:52



Tgt Ion:225 Resp: 8034
Ion Ratio Lower Upper
225 100
223 65.9 49.8 74.6
227 70.0 51.5 77.3





#89

Naphthalene

Concen: 0.782 ug/l

RT: 14.085 min Scan# 3963

Delta R.T. 0.003 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

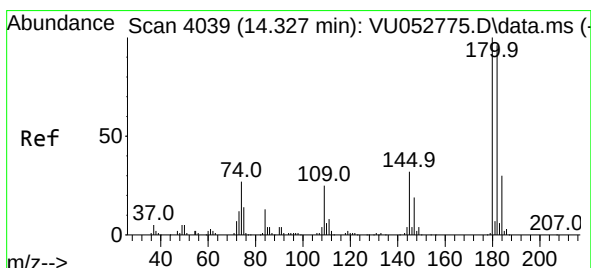
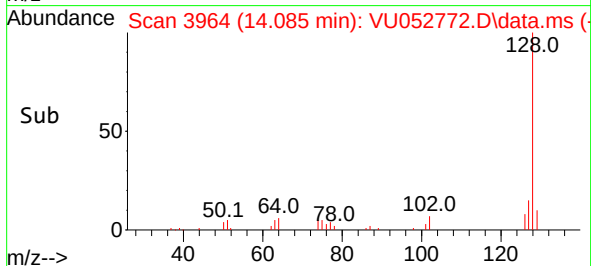
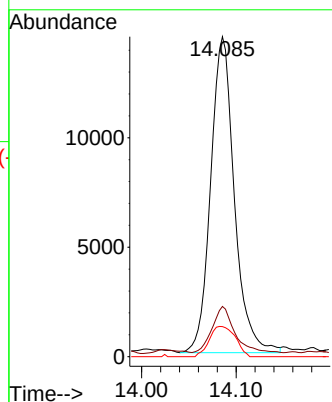
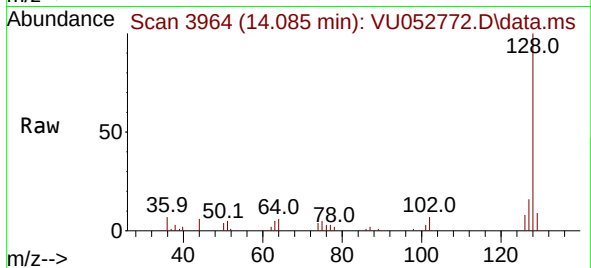
Tgt Ion:128	Resp:	25150
Ion Ratio	Lower	Upper
128	100	
127	13.9	10.2 15.4
129	10.4	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#90

1,2,3-Trichlorobenzene

Concen: 0.542 ug/l

RT: 14.327 min Scan# 4039

Delta R.T. -0.000 min

Lab File: VU052772.D

Acq: 23 Jan 2023 11:52

Tgt Ion:180	Resp:	10316
Ion Ratio	Lower	Upper
180	100	
182	91.4	77.8 116.6
145	33.0	25.2 37.8

