

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012323\
 Data File : VU052773.D
 Acq On : 23 Jan 2023 12:22
 Operator : JC/MD
 Sample : VSTDICC002
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

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

Quant Time: Jan 24 04:34:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012323DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jan 24 04:32:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	41308	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	13418	0.909	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.189	152	14177	0.809	ug/l	0.00
Spiked Amount 1.000			Recovery	=	81.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	28135	1.919	ug/l	98
3) Chloromethane	1.520	50	26795	1.679	ug/l	97
4) Vinyl Chloride	1.604	62	25761	1.796	ug/l	100
5) Bromomethane	1.858	94	12361	1.402	ug/l	94
6) Chloroethane	1.935	64	14694	1.665	ug/l	100
7) Trichlorofluoromethane	2.137	101	37012	1.909	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	20711	1.870	ug/l	98
9) 1,1-Dichloroethene	2.578	96	18960	1.729	ug/l	98
10) Iodomethane	2.723	142	18734	2.253	ug/l	96
11) Allyl Chloride	2.922	41	22904	1.547	ug/l	97
12) Acrylonitrile	3.317	53	8120	2.985	ug/l	97
13) Acetone	2.639	43	24417	10.418	ug/l	94
14) Carbon Disulfide	2.790	76	63655	1.817	ug/l	96
15) Methylene Chloride	3.041	84	21970	1.263	ug/l	94
16) trans-1,2-Dichloroethene	3.350	96	20999	1.742	ug/l	97
17) 1,1-Dichloroethane	3.864	63	35949	1.813	ug/l	96
18) 2-Butanone	4.716	43	29557	9.783	ug/l	92
19) Cyclohexane	5.378	56	31424m	2.072	ug/l	
20) Methylcyclohexane	6.758	83	34230	1.998	ug/l	96
21) 2,2-Dichloropropane	4.658	77	32504	1.974	ug/l	98
22) cis-1,2-Dichloroethene	4.665	96	22137	1.795	ug/l	99
23) Diethyl Ether	2.375	59	13482	1.655	ug/l	97
24) tert-Butyl Alcohol	3.237	59	16817m	18.996	ug/l	
25) Methyl tert-Butyl Ether	3.363	73	43788	1.623	ug/l	98
26) Bromochloromethane	4.973	128	10838	1.780	ug/l	91
27) Chloroform	5.086	83	38562	1.832	ug/l	96
28) 1,1,1-Trichloroethane	5.311	97	35245	1.952	ug/l	96
29) 1,1-Dichloropropene	5.520	75	30895	2.034	ug/l	98
30) Carbon Tetrachloride	5.520	117	31862	2.007	ug/l	97
31) Isopropyl Ether	3.993	45	49926	1.822	ug/l	96
32) Ethyl-t-butyl ether	4.504	59	48210	1.820	ug/l	99
33) Tert-Amyl methyl ether	5.944	73	42743	1.792	ug/l	99
34) Propionitrile	4.793	54	7612	8.184	ug/l #	8
35) Benzene	5.768	78	87141	1.918	ug/l	99
36) 1,2-Dichloroethane	5.793	62	26746	1.996	ug/l	99
37) Trichloroethene	6.539	130	23620	1.805	ug/l	93
38) 1,2-Dichloropropane	6.790	63	22049	1.909	ug/l	100
39) Methacrylonitrile	4.980	41	5983	1.793	ug/l	97
40) Methyl acrylate	4.848	55	10204	1.842	ug/l	97
41) Tetrahydrofuran	5.070	42	5889	3.167	ug/l	93
42) 1-Chlorobutane	5.452	56	38496	1.975	ug/l	97
43) Dibromomethane	6.915	93	10989	1.690	ug/l	99
44) Bromodichloromethane	7.105	83	29369	1.910	ug/l	95

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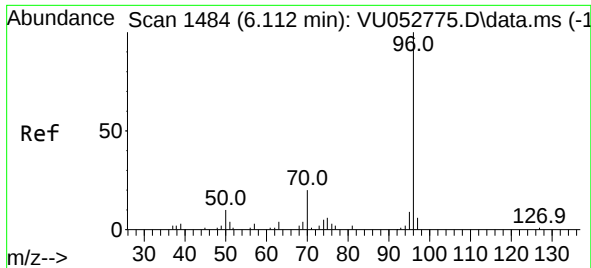
Manual Integrations
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Reviewed By :Krupa Patel 01/24/2023
 Supervised By :Mahesh Dadoda 01/24/2023

Quant Time: Jan 24 04:34:28 2023
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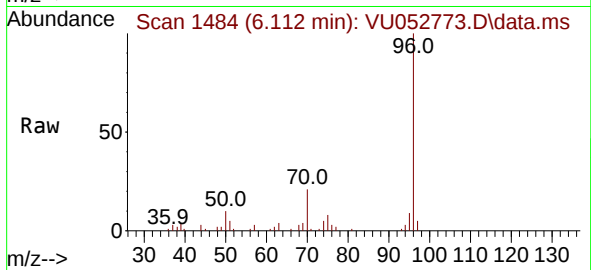
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	55314	8.236	ug/l	99
46) t-1,4-Dichloro-2-butene	10.825	75	12245m	3.830	ug/l	
47) Methyl methacrylate	6.964	69	18717	3.519	ug/l	95
48) Ethyl methacrylate	8.333	69	17003	1.739	ug/l	95
49) Toluene	7.967	92	51798	1.881	ug/l	99
50) t-1,3-Dichloropropene	8.208	75	25849	1.900	ug/l	98
51) cis-1,3-Dichloropropene	7.604	75	30498	1.946	ug/l	99
52) 1,1,2-Trichloroethane	8.398	97	15743	1.707	ug/l	94
53) 1,3-Dichloropropane	8.575	76	26912	1.762	ug/l	98
54) 2-Hexanone	8.687	43	46018	9.237	ug/l	98
55) Dibromochloromethane	8.806	129	20148	1.813	ug/l	95
56) 1,2-Dibromoethane	8.922	107	14253	1.624	ug/l	96
58) Tetrachloroethene	8.549	164	21087	1.801	ug/l	97
59) Chlorobenzene	9.443	112	56829	1.766	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.529	131	21910	1.904	ug/l	99
61) Pentachloroethane	11.423	117	18088	1.883	ug/l	97
62) Hexachloroethane	12.471	117	18356	2.059	ug/l	98
63) Ethyl Benzene	9.568	91	89748	1.797	ug/l	98
64) m/p-Xylenes	9.690	106	69651	3.495	ug/l	96
65) o-Xylene	10.099	106	35094	1.841	ug/l	94
66) Styrene	10.111	104	54374	1.705	ug/l	98
67) Bromoform	10.288	173	12403	1.787	ug/l	96
69) Isopropylbenzene	10.481	105	86748	1.749	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.780	83	19073	1.609	ug/l	100
71) 1,2,3-Trichloropropane	10.825	75	16279m	1.746	ug/l	
72) Bromobenzene	10.780	156	23061	1.587	ug/l	97
73) n-propylbenzene	10.902	120	23684	1.681	ug/l	95
74) 2-Chlorotoluene	10.983	126	21730	1.638	ug/l	94
75) 1,3,5-Trimethylbenzene	11.086	105	73873	1.751	ug/l	98
76) 4-Chlorotoluene	11.092	126	23144	1.658	ug/l	97
77) tert-Butylbenzene	11.417	119	76490	1.788	ug/l	99
78) 1,2,4-Trimethylbenzene	11.465	105	74098	1.717	ug/l	98
79) sec-Butylbenzene	11.639	105	98873	1.768	ug/l	99
80) Nitrobenzene	13.205	77	5500	11.297	ug/l #	91
81) p-Isopropyltoluene	11.790	119	82314	1.759	ug/l	99
82) 1,3-Dichlorobenzene	11.742	146	46709	1.592	ug/l	98
83) 1,4-Dichlorobenzene	11.832	146	45573	1.548	ug/l	97
84) n-Butylbenzene	12.205	91	68474	1.553	ug/l	99
85) 1,2-Dichlorobenzene	12.208	146	44637	1.603	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.989	75	3557	1.852	ug/l	97
87) 1,2,4-Trichlorobenzene	13.835	180	24454	1.241	ug/l	96
88) Hexachlorobutadiene	14.018	225	18263	1.538	ug/l	98
89) Naphthalene	14.082	128	46960	1.516	ug/l	99
90) 1,2,3-Trichlorobenzene	14.327	180	23067	1.258	ug/l	97

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.112 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

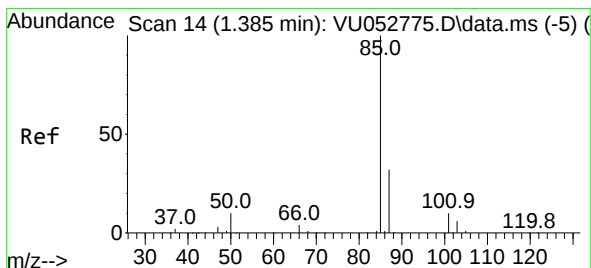
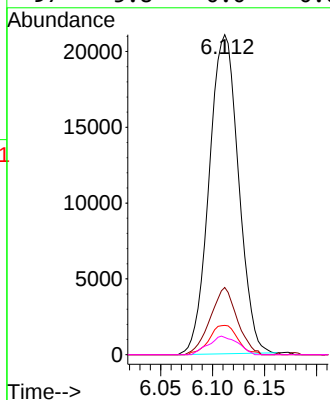
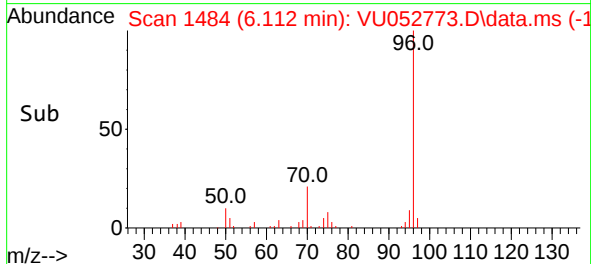
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 96 Resp: 41308
Ion Ratio Lower Upper
96 100
70 19.3 16.2 24.4
95 8.9 7.4 11.0
97 5.8 0.0 0.0#

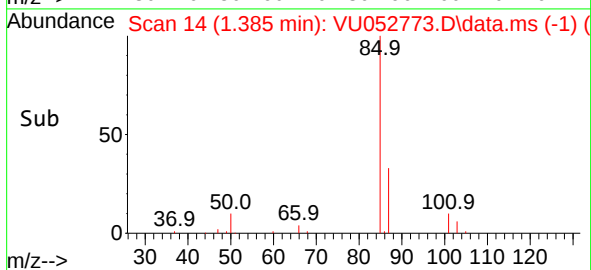
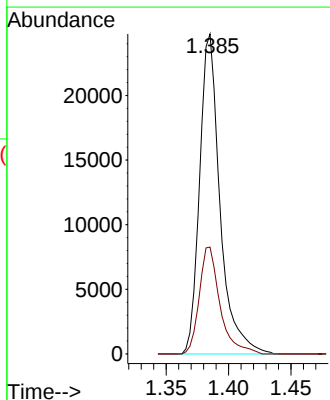
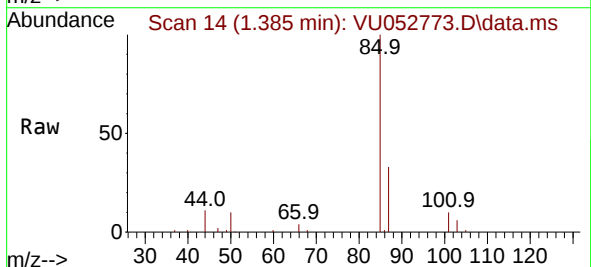
Manual Integrations
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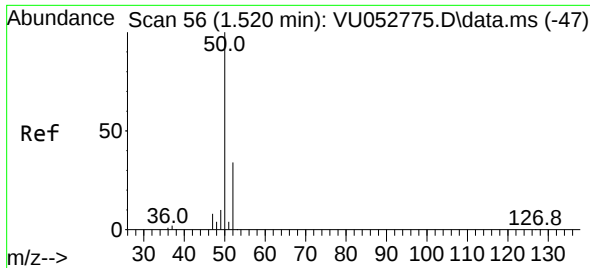
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#2
Dichlorodifluoromethane
Concen: 1.919 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Tgt Ion: 85 Resp: 28135
Ion Ratio Lower Upper
85 100
87 33.4 16.1 48.2





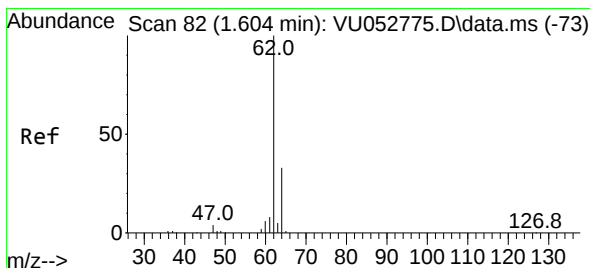
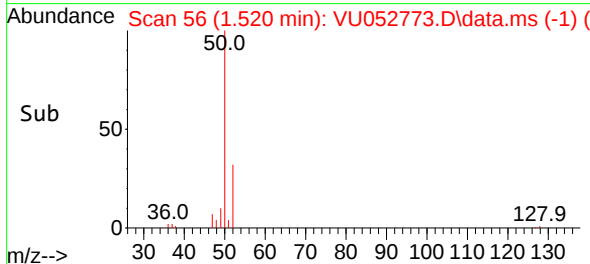
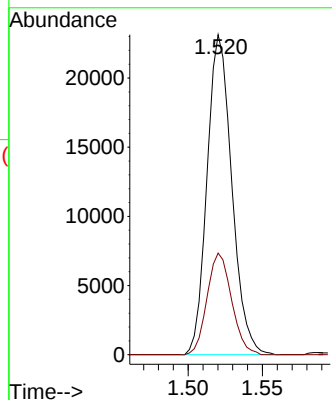
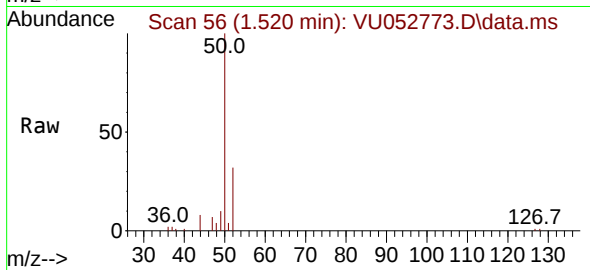
#3
Chloromethane
Concen: 1.679 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 50 Resp: 26795
Ion Ratio Lower Upper
50 100
52 31.8 26.8 40.2

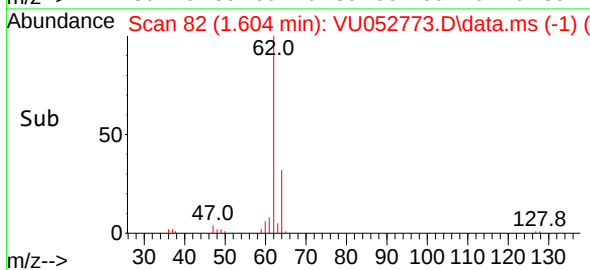
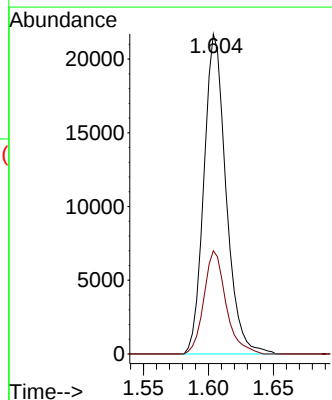
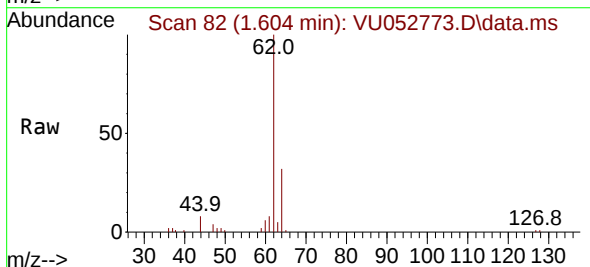
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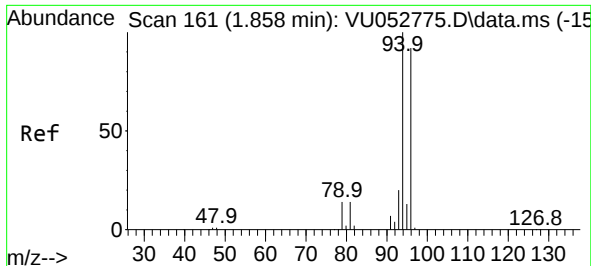
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#4
Vinyl Chloride
Concen: 1.796 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Tgt Ion: 62 Resp: 25761
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0





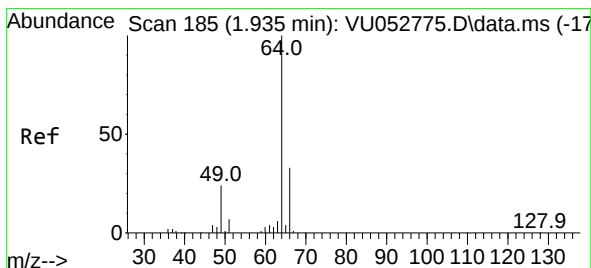
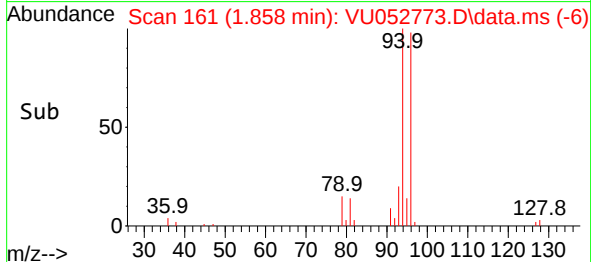
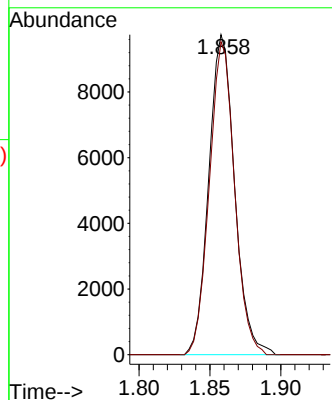
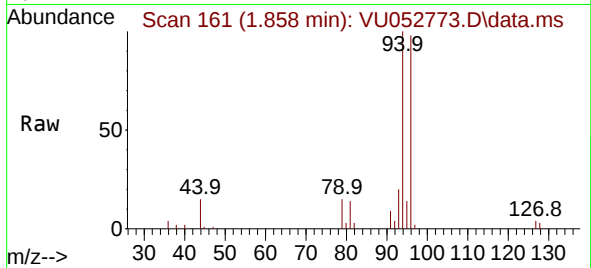
#5
Bromomethane
Concen: 1.402 ug/l
RT: 1.858 min Scan# 161
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 94 Resp: 1236
Ion Ratio Lower Upper
94 100
96 97.8 73.8 110.6

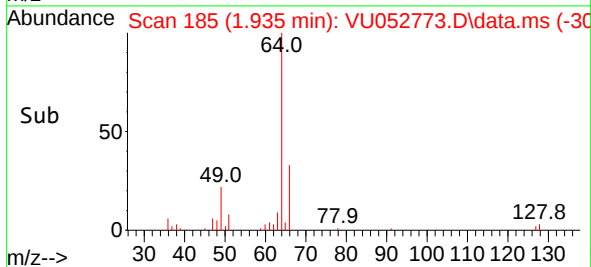
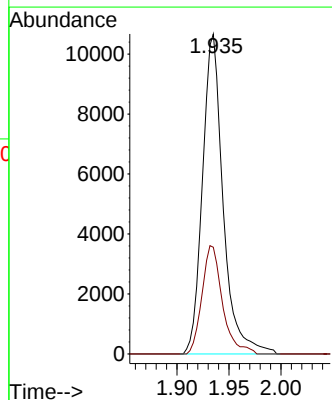
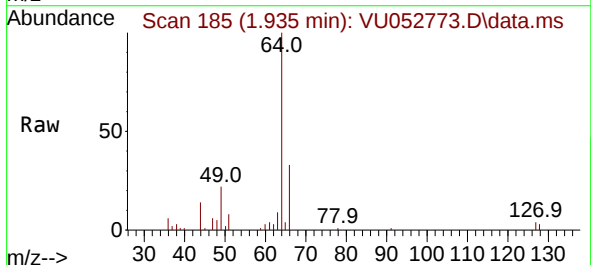
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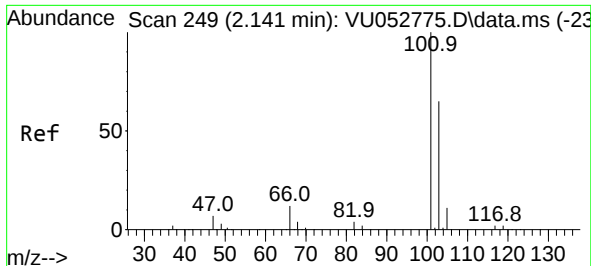
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#6
Chloroethane
Concen: 1.665 ug/l
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Tgt Ion: 64 Resp: 14694
Ion Ratio Lower Upper
64 100
66 33.3 26.6 40.0





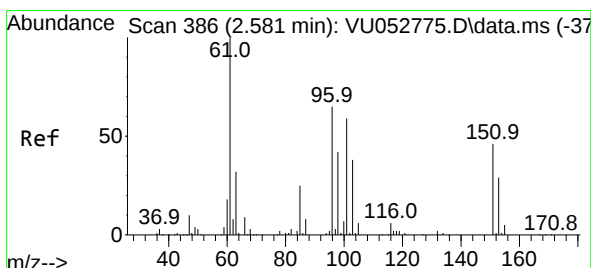
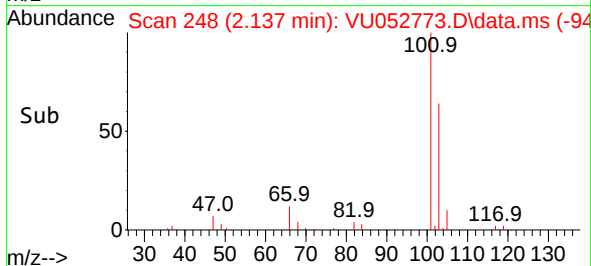
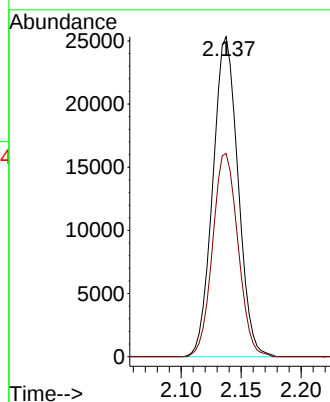
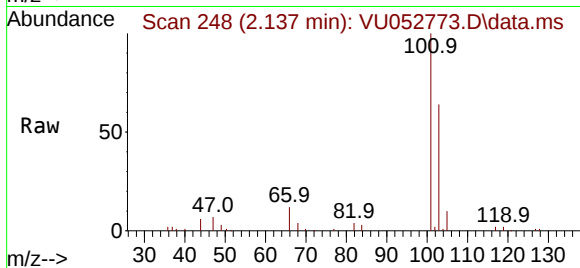
#7
Trichlorofluoromethane
Concen: 1.909 ug/l
RT: 2.137 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion:101 Resp: 3701
Ion Ratio Lower Upper
101 100
103 63.5 51.6 77.4

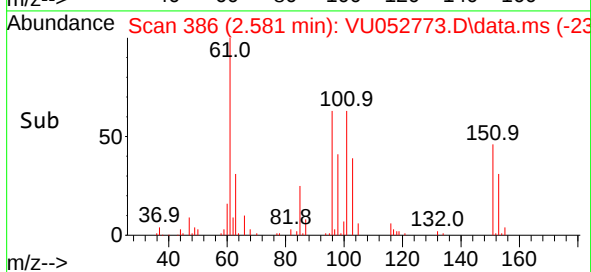
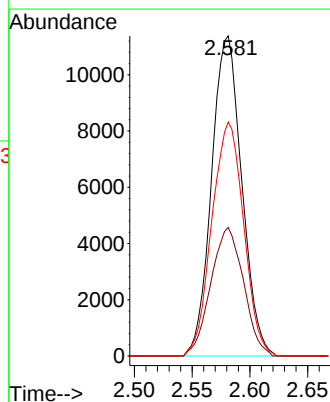
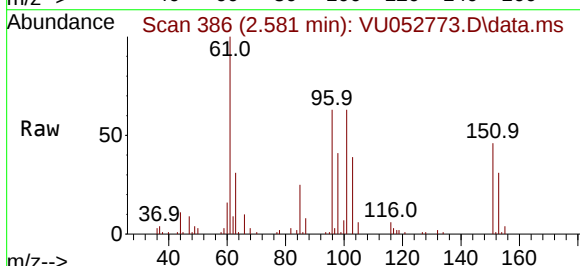
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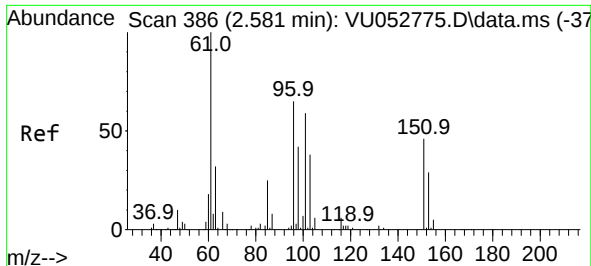
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.870 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Tgt Ion:101 Resp: 20711
Ion Ratio Lower Upper
101 100
85 43.4 34.1 51.1
151 76.9 63.0 94.4





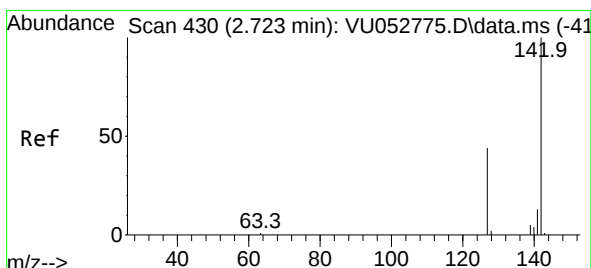
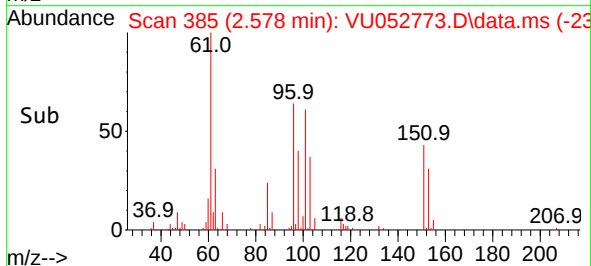
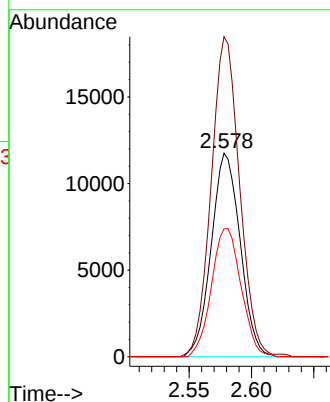
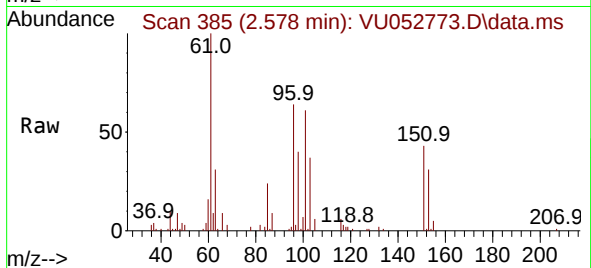
#9
1,1-Dichloroethene
Concen: 1.729 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 96 Resp: 18960
Ion Ratio Lower Upper
96 100
61 157.3 0.0 460.5
98 62.9 0.0 128.0

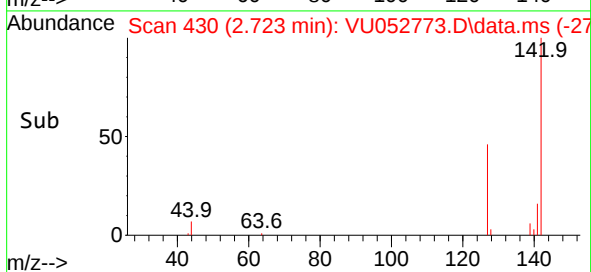
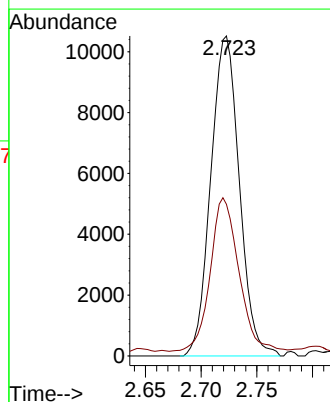
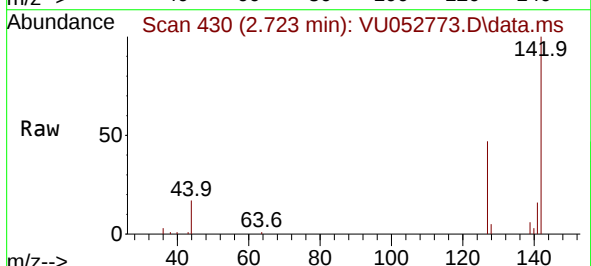
Manual Integrations
APPROVED

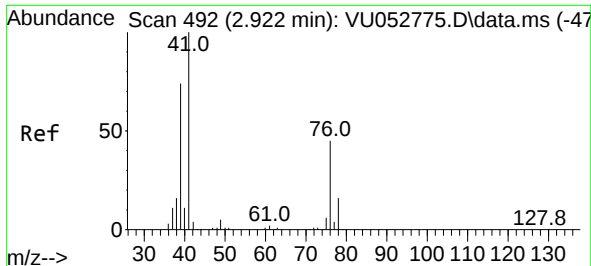
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#10
Iodomethane
Concen: 2.253 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Tgt Ion:142 Resp: 18734
Ion Ratio Lower Upper
142 100
127 47.1 35.4 53.0





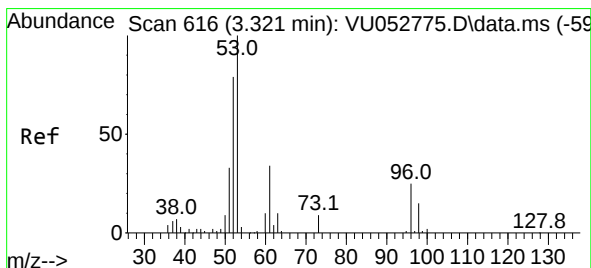
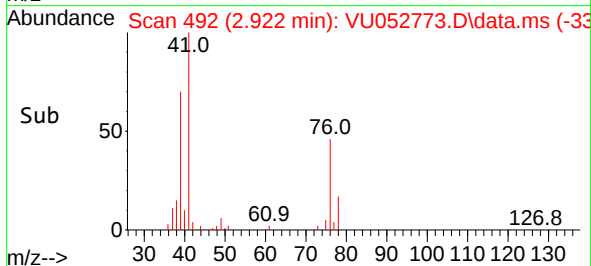
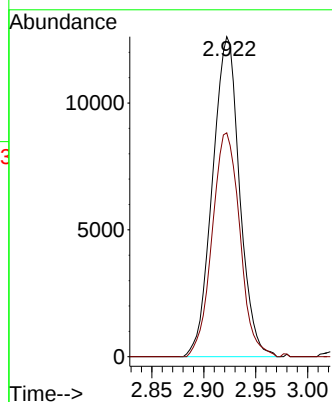
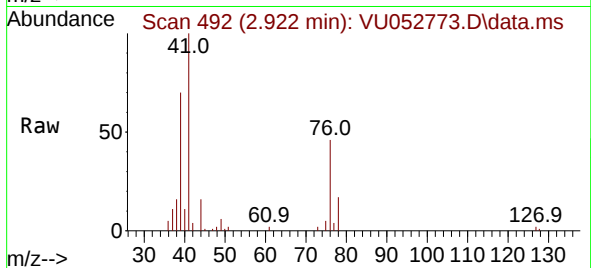
#11
 Allyl Chloride
 Concen: 1.547 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: VU052773.D
 Acq: 23 Jan 2023 12:22

Instrument :
 MSVOA_U
 Client Sample Id :
 VSTDIC002

Tgt Ion: 41 Resp: 22904
 Ion Ratio Lower Upper
 41 100
 39 71.5 59.3 88.9

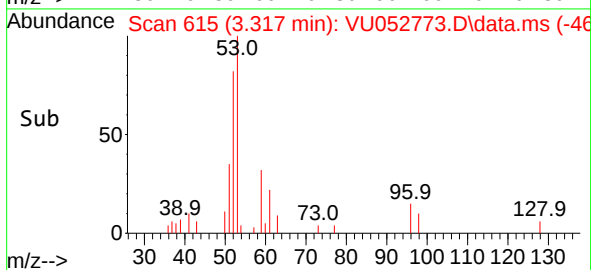
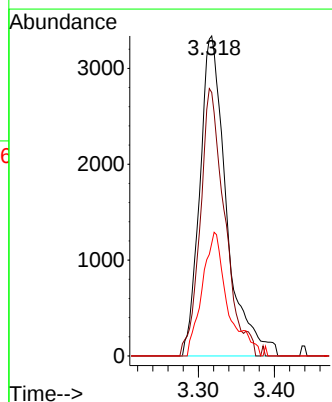
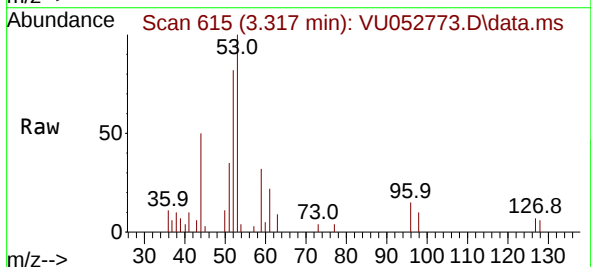
Manual Integrations
 APPROVED

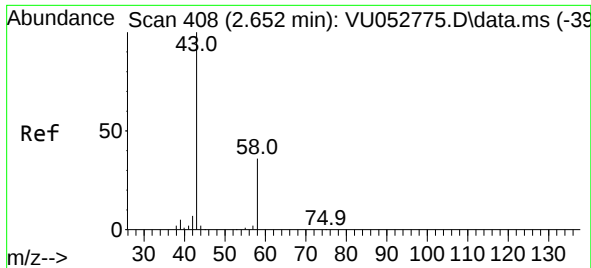
Reviewed By :Krupa Patel 01/24/2023
 Supervised By :Mahesh Dadoda 01/24/2023



#12
 Acrylonitrile
 Concen: 2.985 ug/l
 RT: 3.317 min Scan# 615
 Delta R.T. -0.003 min
 Lab File: VU052773.D
 Acq: 23 Jan 2023 12:22

Tgt Ion: 53 Resp: 8120
 Ion Ratio Lower Upper
 53 100
 52 76.6 63.0 94.4
 51 36.9 31.3 46.9





#13

Acetone

Concen: 10.418 ug/l

RT: 2.639 min Scan# 40

Delta R.T. -0.013 min

Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 43 Resp: 2441

Ion Ratio Lower Upper

43 100

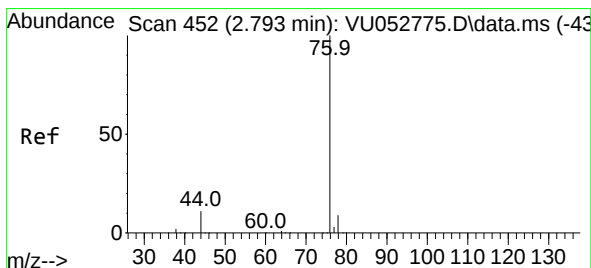
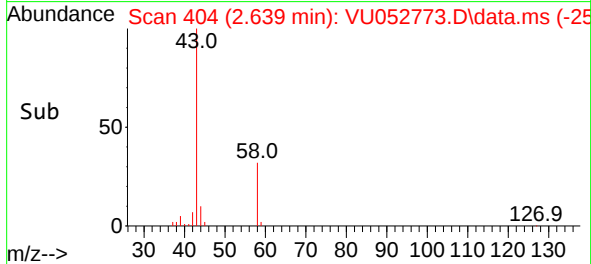
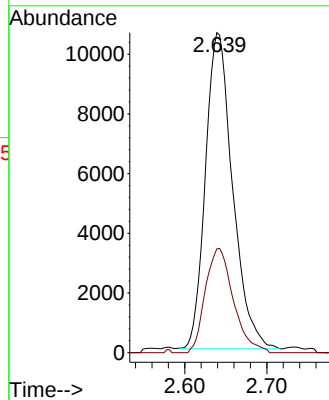
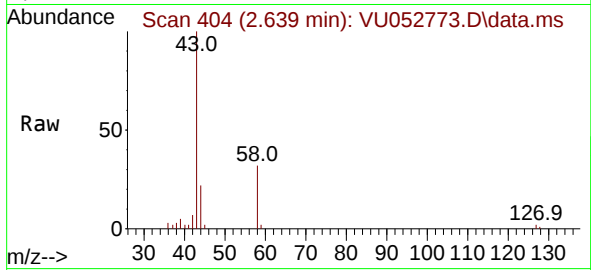
58 32.9 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#14

Carbon Disulfide

Concen: 1.817 ug/l

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU052773.D

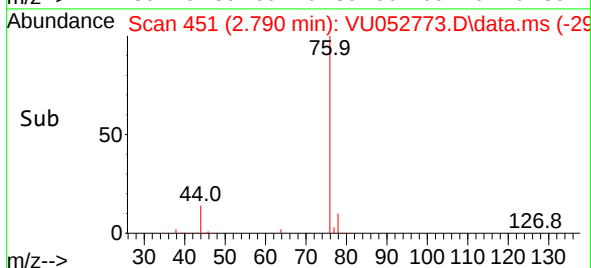
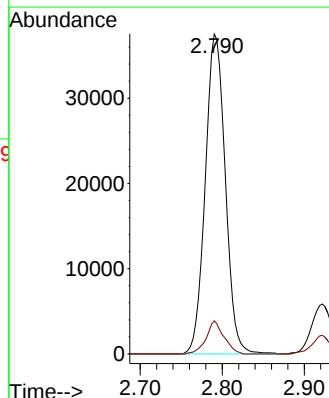
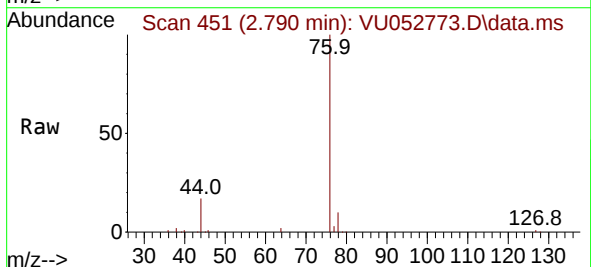
Acq: 23 Jan 2023 12:22

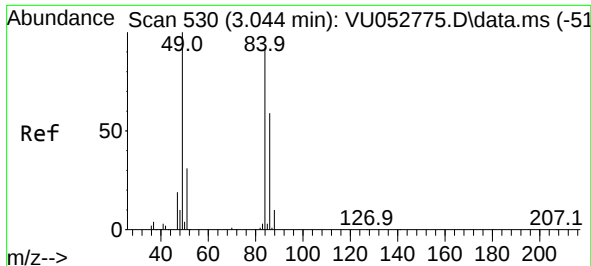
Tgt Ion: 76 Resp: 63655

Ion Ratio Lower Upper

76 100

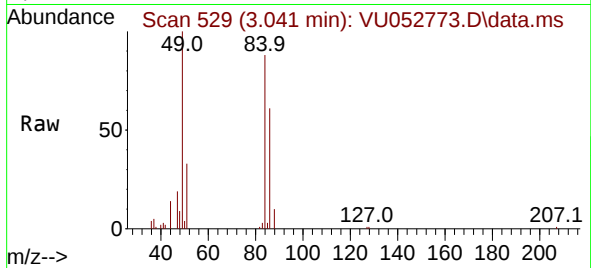
78 10.4 7.1 10.7





#15
Methylene Chloride
Concen: 1.263 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

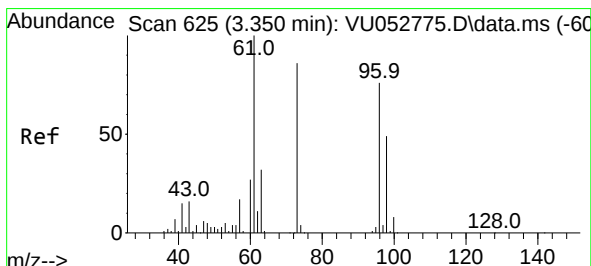
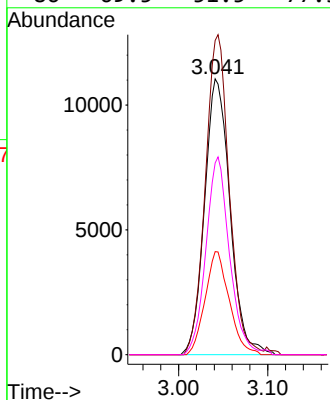
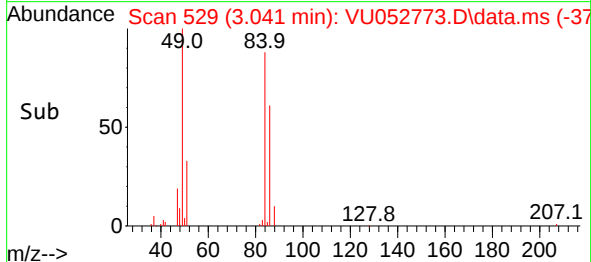
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 84 Resp: 21970
Ion Ratio Lower Upper
84 100
49 114.0 86.7 130.1
51 37.4 0.0 66.8
86 69.5 51.5 77.3

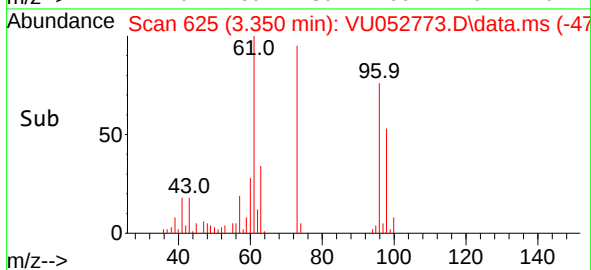
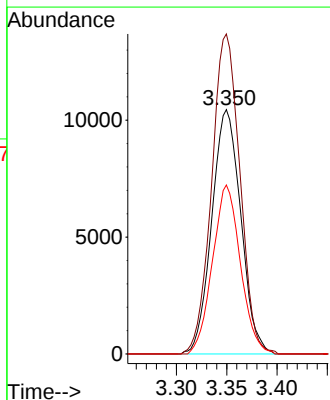
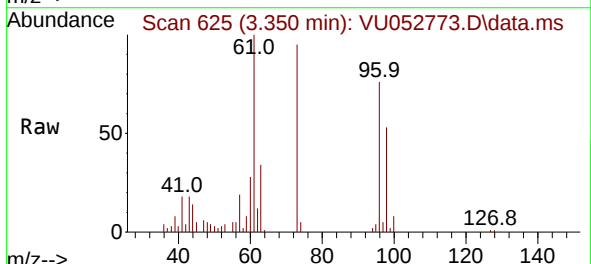
Manual Integrations
APPROVED

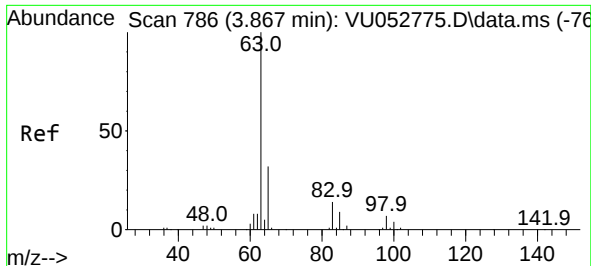
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#16
trans-1,2-Dichloroethene
Concen: 1.742 ug/l
RT: 3.350 min Scan# 625
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Tgt Ion: 96 Resp: 20999
Ion Ratio Lower Upper
96 100
61 131.0 105.7 158.5
98 69.2 51.4 77.2





#17
1,1-Dichloroethane
Concen: 1.813 ug/l
RT: 3.864 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

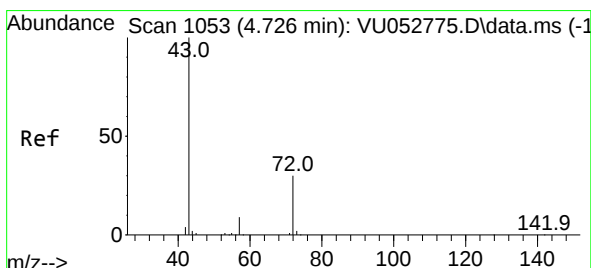
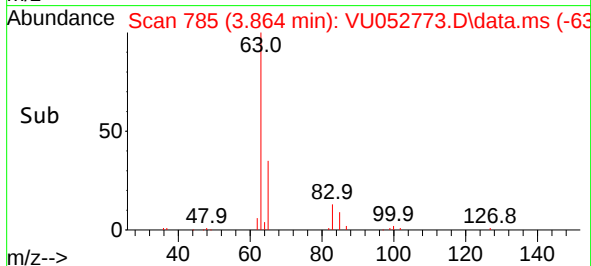
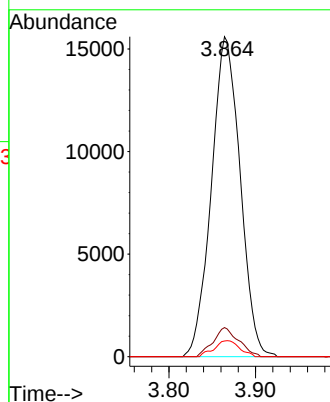
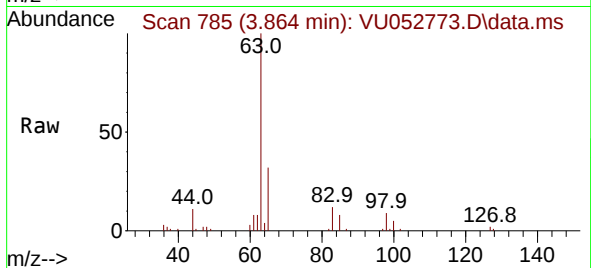
Tgt Ion: 63 Resp: 35949
Ion Ratio Lower Upper
63 100
98 9.1 3.8 11.2
100 4.9 2.2 6.6

Manual Integrations

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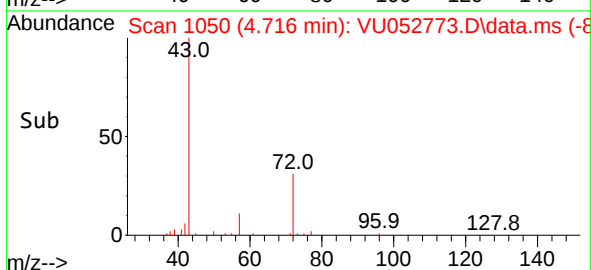
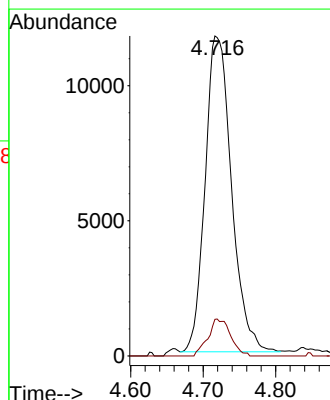
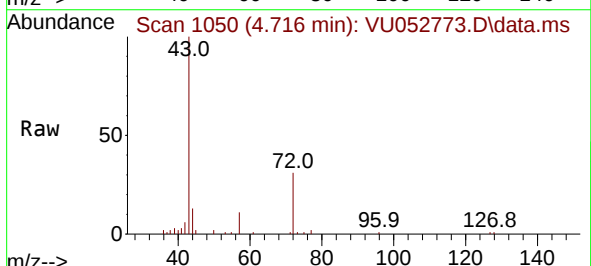
Reviewed By :Krupa Patel 01/24/2023

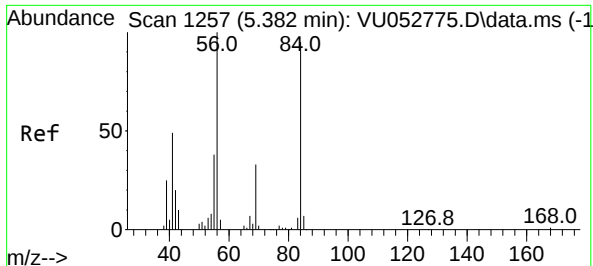
Supervised By :Mahesh Dadoda 01/24/2023



#18
2-Butanone
Concen: 9.783 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. -0.010 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Tgt Ion: 43 Resp: 29557
Ion Ratio Lower Upper
43 100
57 11.6 0.0 17.4





#19

Cyclohexane

Concen: 2.072 ug/l m

RT: 5.378 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 56 Resp: 31424

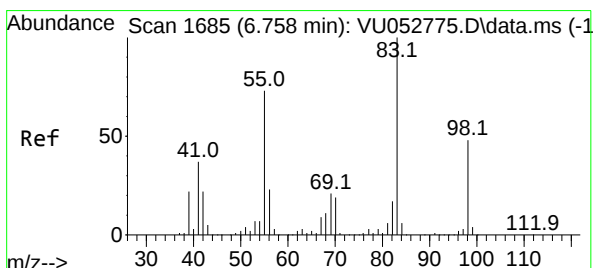
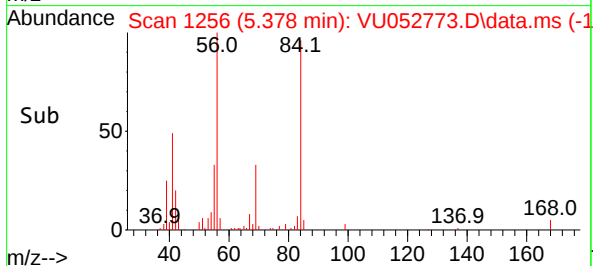
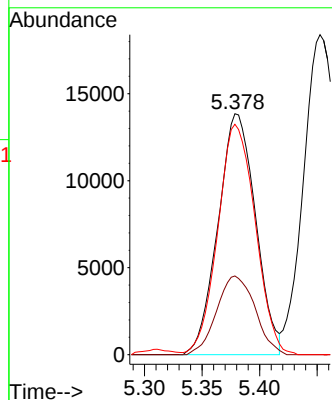
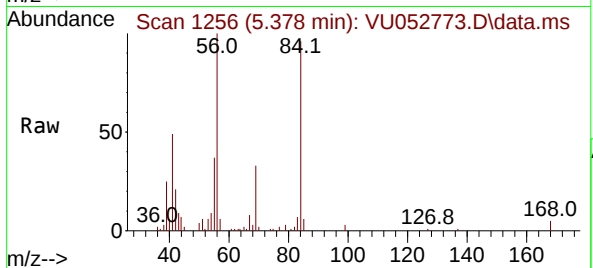
Ion	Ratio	Lower	Upper
56	100		
69	33.4	26.8	40.2
84	94.4	77.0	115.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#20

Methylcyclohexane

Concen: 1.998 ug/l

RT: 6.758 min Scan# 1685

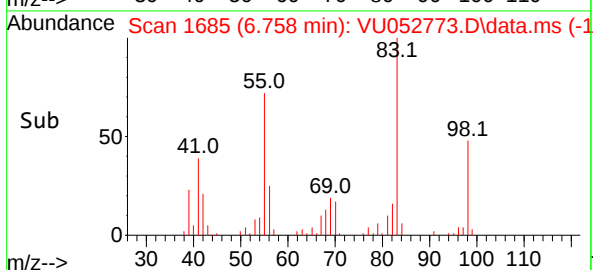
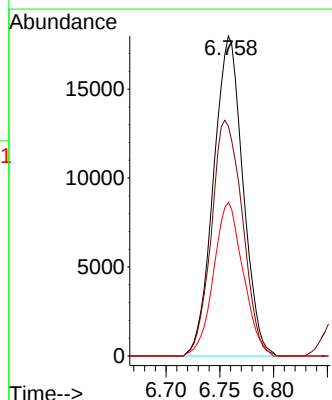
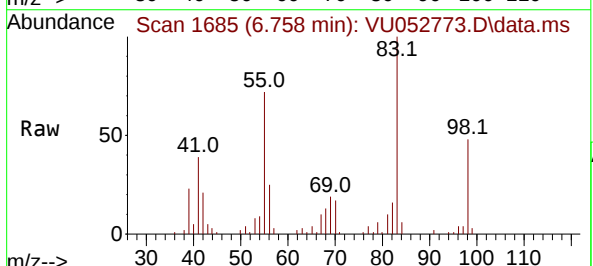
Delta R.T. -0.000 min

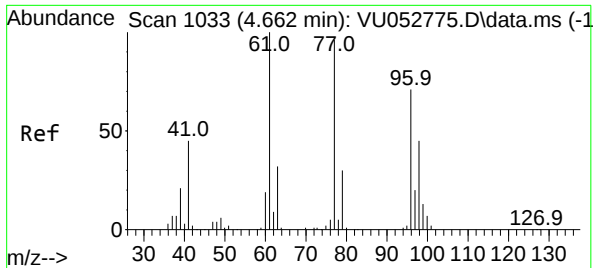
Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

Tgt Ion: 83 Resp: 34230

Ion	Ratio	Lower	Upper
83	100		
55	77.8	58.7	88.1
98	48.4	39.4	59.2





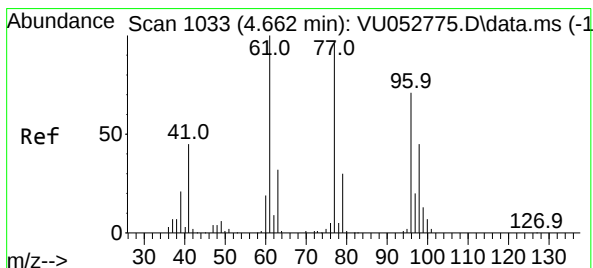
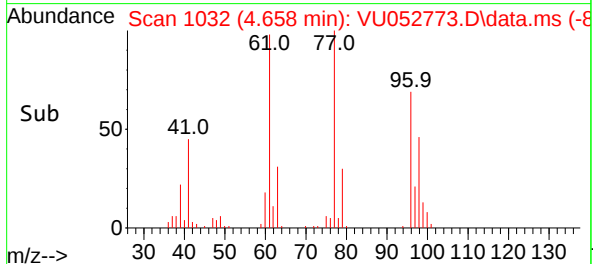
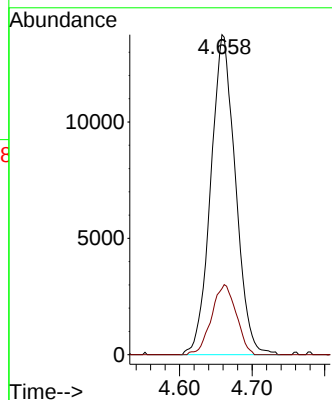
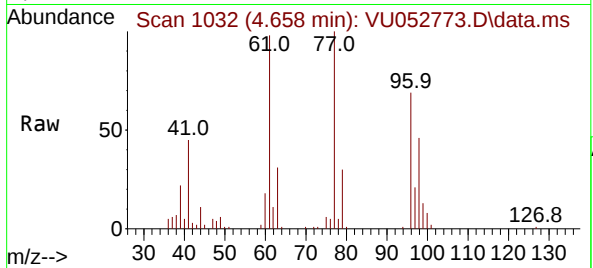
#21
2,2-Dichloropropane
Concen: 1.974 ug/l
RT: 4.658 min Scan# 1032
Delta R.T. -0.003 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 77 Resp: 32504
Ion Ratio Lower Upper
77 100
97 21.9 16.8 25.2

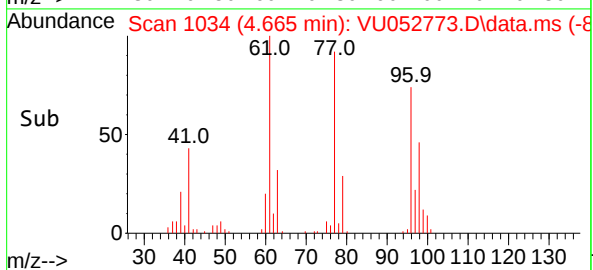
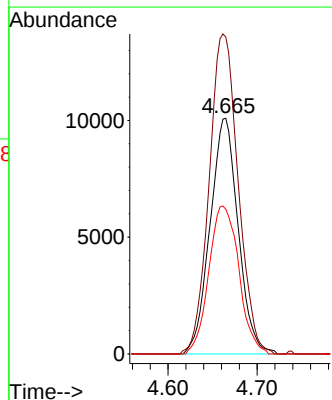
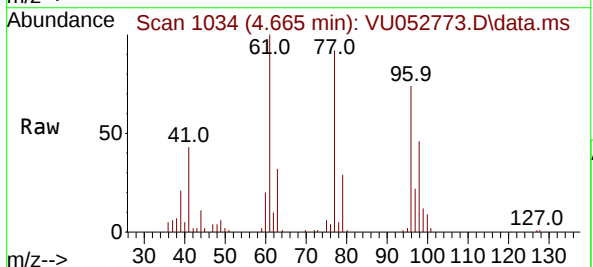
Manual Integrations
APPROVED

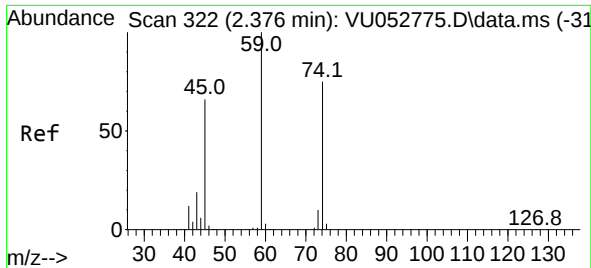
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#22
cis-1,2-Dichloroethene
Concen: 1.795 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Tgt Ion: 96 Resp: 22137
Ion Ratio Lower Upper
96 100
61 140.0 0.0 353.3
98 66.9 32.6 97.7





#23

Diethyl Ether

Concen: 1.655 ug/l

RT: 2.375 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 59 Resp: 1348

Ion Ratio Lower Upper

59 100

45 70.2 52.1 78.1

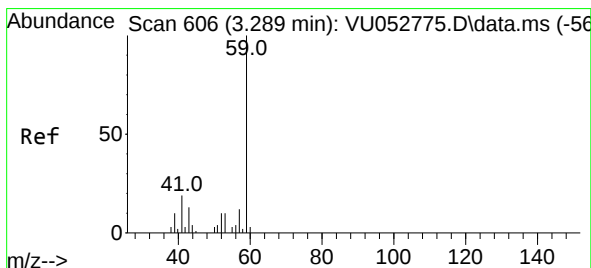
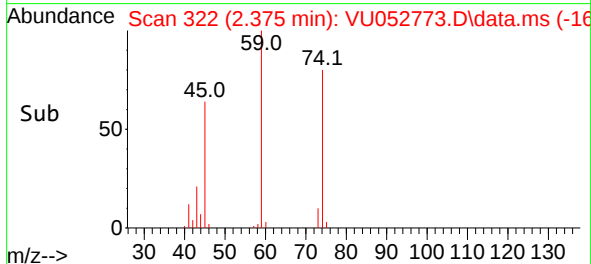
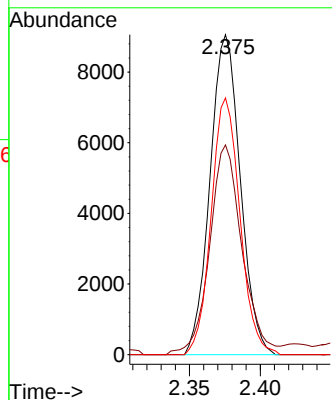
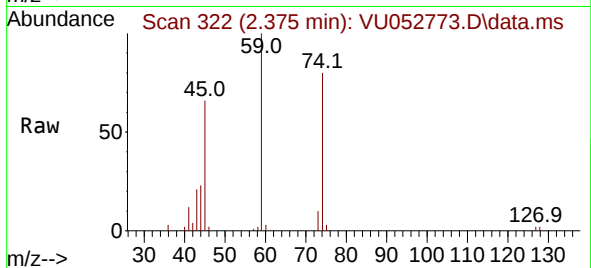
74 76.2 61.6 92.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#24

tert-Butyl Alcohol

Concen: 18.996 ug/l m

RT: 3.237 min Scan# 590

Delta R.T. -0.052 min

Lab File: VU052773.D

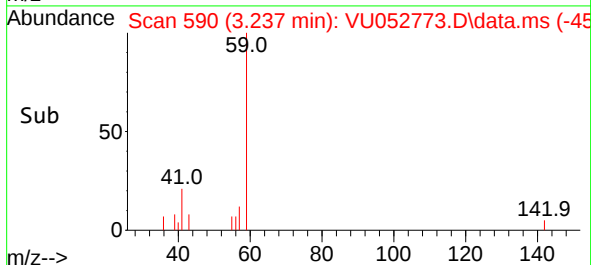
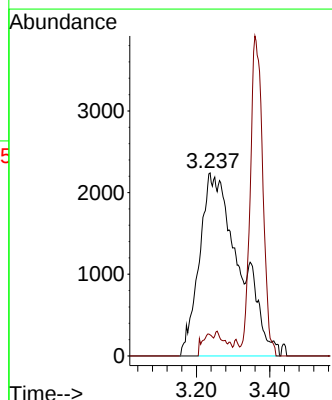
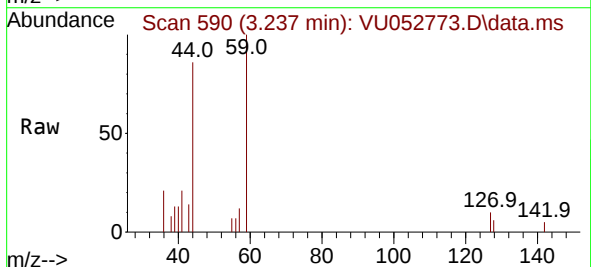
Acq: 23 Jan 2023 12:22

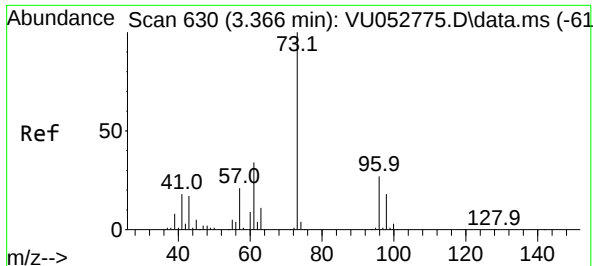
Tgt Ion: 59 Resp: 16817

Ion Ratio Lower Upper

59 100

57 3.3 45.8 68.8#





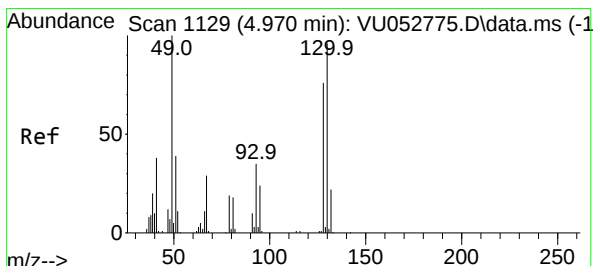
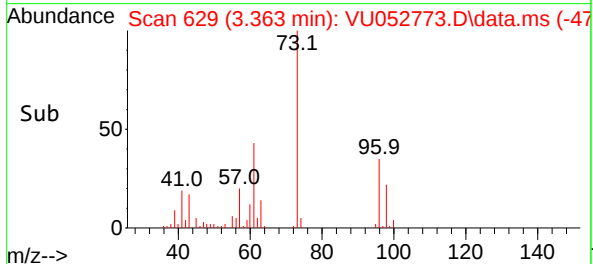
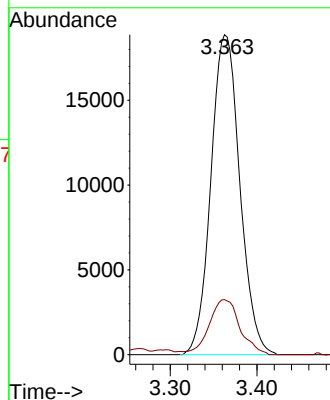
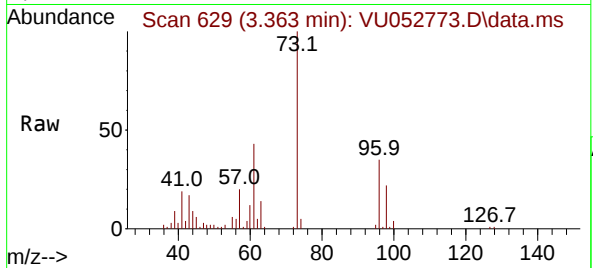
#25
Methyl tert-Butyl Ether
Concen: 1.623 ug/l
RT: 3.363 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 73 Resp: 4378
Ion Ratio Lower Upper
73 100
43 18.3 15.3 22.9

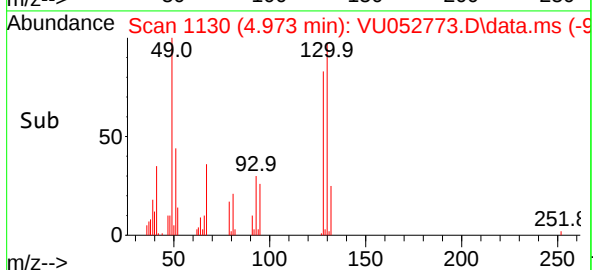
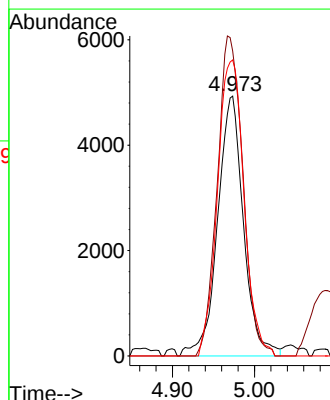
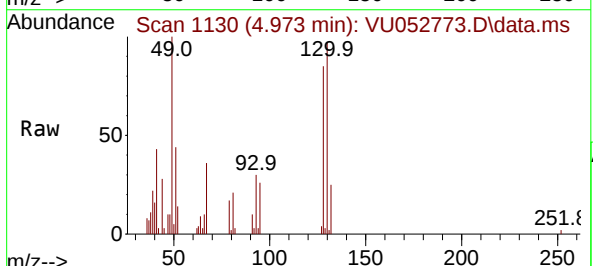
Manual Integrations
APPROVED

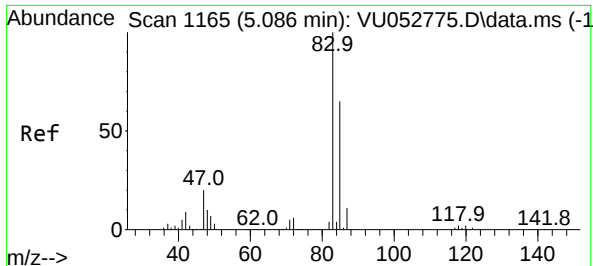
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#26
Bromochloromethane
Concen: 1.780 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.003 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Tgt Ion:128 Resp: 10838
Ion Ratio Lower Upper
128 100
49 121.7 0.0 265.0
130 116.8 100.7 151.1





#27

Chloroform

Concen: 1.832 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 83 Resp: 3856

Ion Ratio Lower Upper

83 100

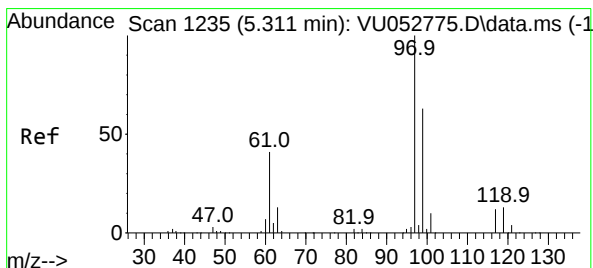
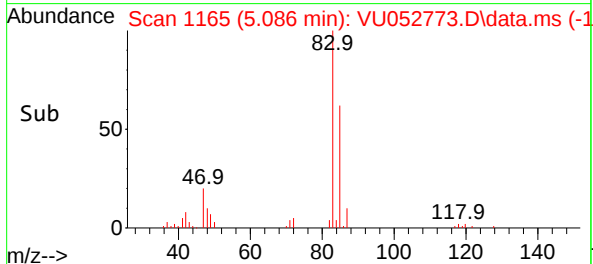
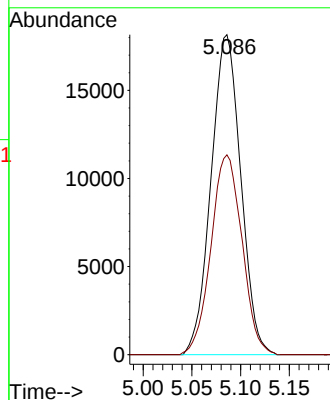
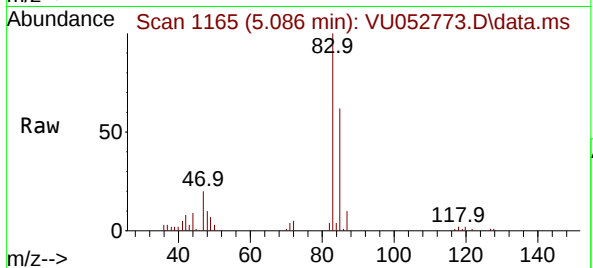
85 62.4 0.0 130.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#28

1,1,1-Trichloroethane

Concen: 1.952 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

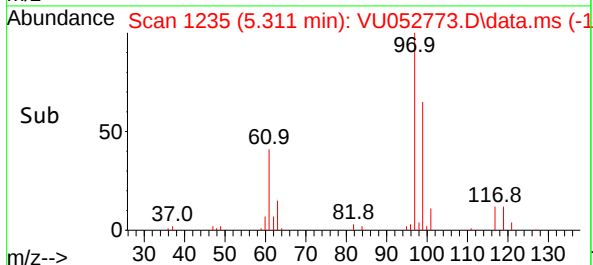
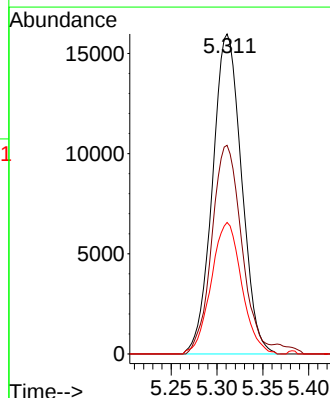
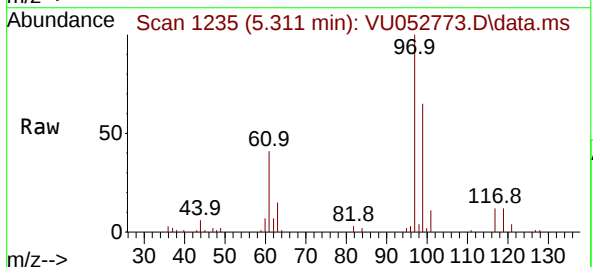
Tgt Ion: 97 Resp: 35245

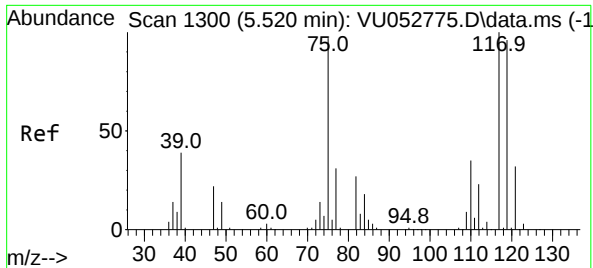
Ion Ratio Lower Upper

97 100

99 67.0 31.9 95.5

61 43.1 20.8 62.2





#29

1,1-Dichloropropene

Concen: 2.034 ug/l

RT: 5.520 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 75 Resp: 3089

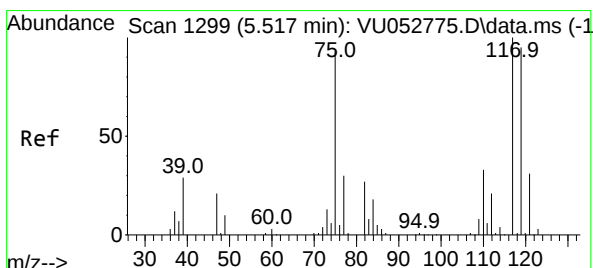
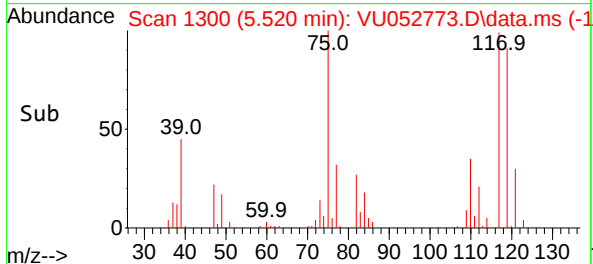
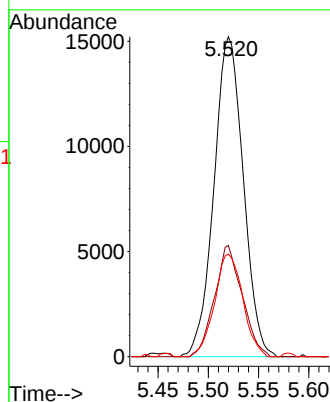
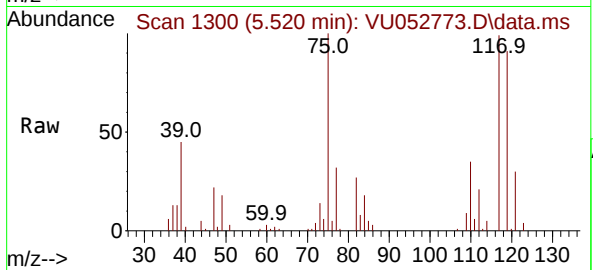
Ion	Ratio	Lower	Upper
75	100		
110	32.7	17.4	52.2
77	30.8	24.8	37.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#30

Carbon Tetrachloride

Concen: 2.007 ug/l

RT: 5.520 min Scan# 1300

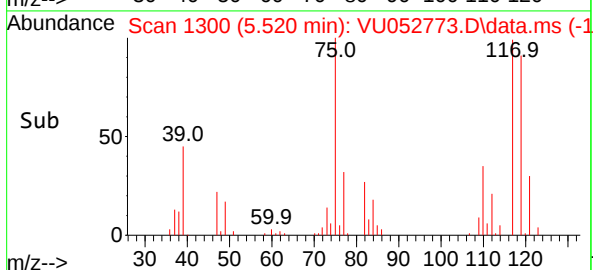
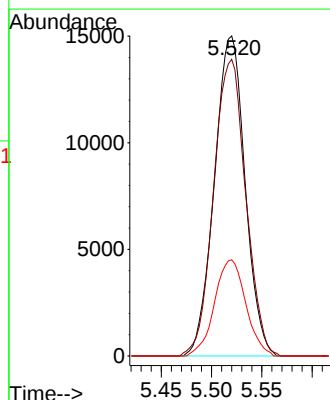
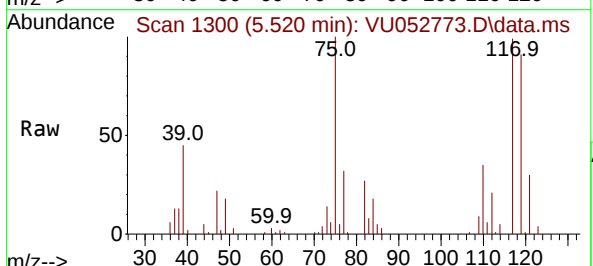
Delta R.T. 0.003 min

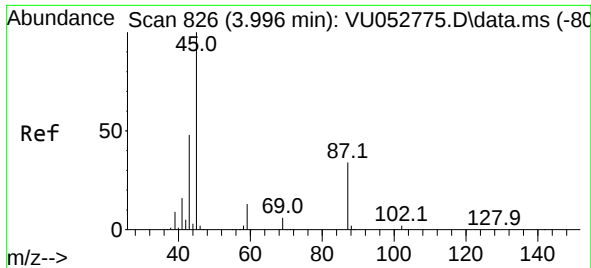
Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

Tgt Ion:117 Resp: 31862

Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.4	114.6
121	30.0	25.0	37.6





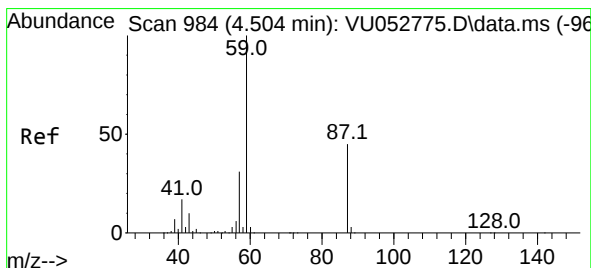
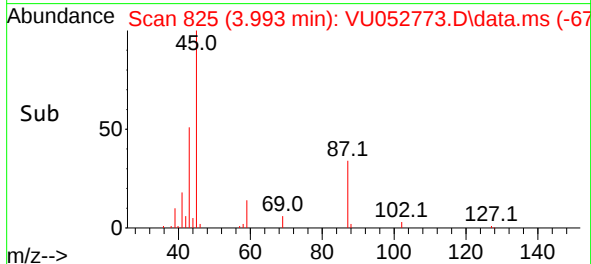
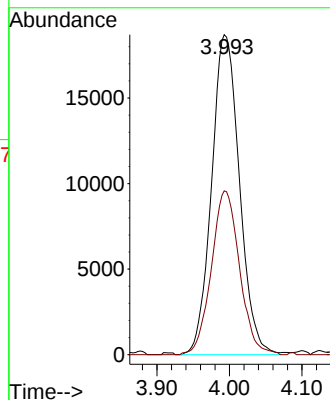
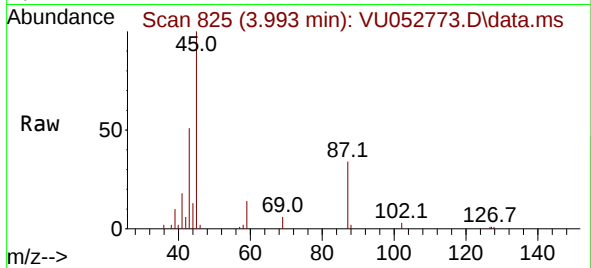
#31
Isopropyl Ether
Concen: 1.822 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.003 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 45 Resp: 49920
Ion Ratio Lower Upper
45 100
43 51.8 24.5 73.5

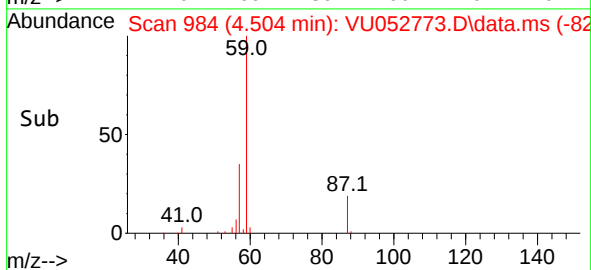
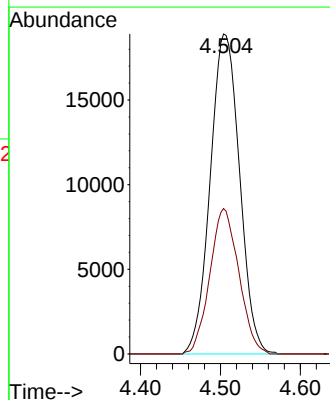
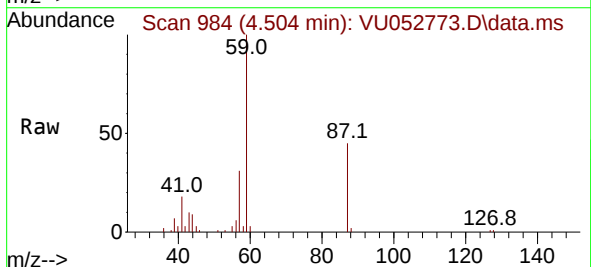
Manual Integrations
APPROVED

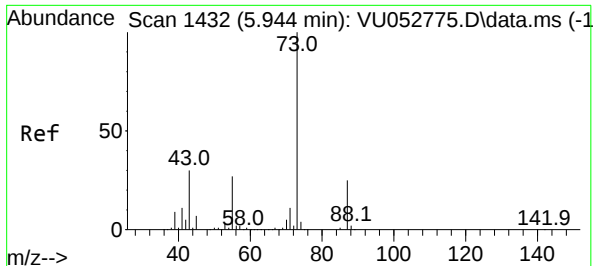
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#32
Ethyl-t-butyl ether
Concen: 1.820 ug/l
RT: 4.504 min Scan# 984
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

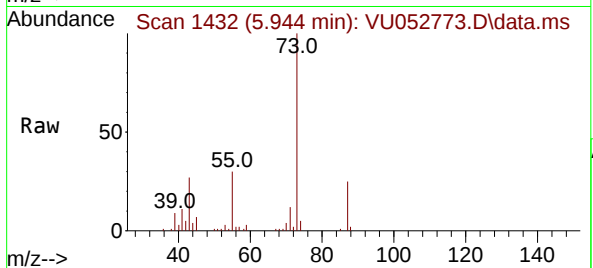
Tgt Ion: 59 Resp: 48210
Ion Ratio Lower Upper
59 100
87 44.9 36.2 54.2





#33
Tert-Amyl methyl ether
Concen: 1.792 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

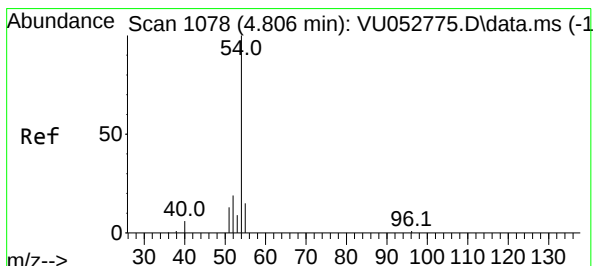
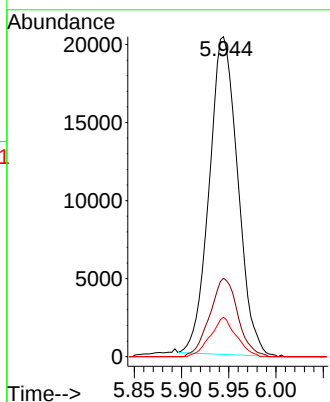
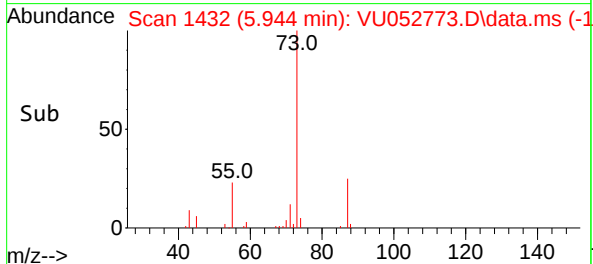
Instrument : MSVOA_U
ClientSampleId : VSTDIC002



Tgt Ion: 73 Resp: 4274
Ion Ratio Lower Upper
73 100
87 24.2 20.1 30.1
71 11.2 9.2 13.8

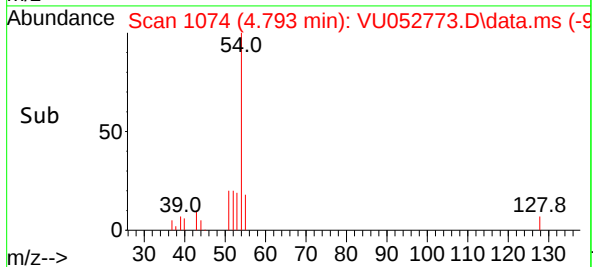
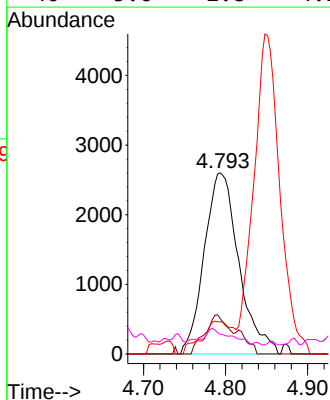
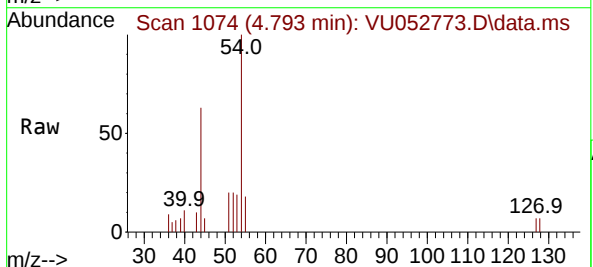
Manual Integrations
APPROVED

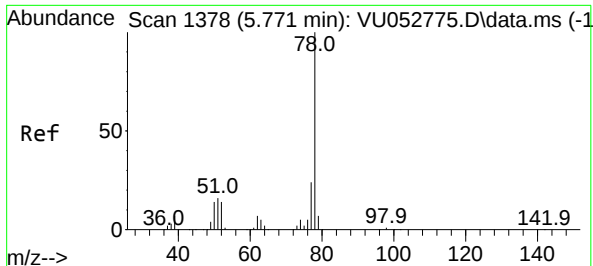
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#34
Propionitrile
Concen: 8.184 ug/l
RT: 4.793 min Scan# 1074
Delta R.T. -0.013 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Tgt Ion: 54 Resp: 7612
Ion Ratio Lower Upper
54 100
52 14.6 16.9 25.3#
55 16.0 118.6 178.0#
40 5.6 2.8 4.2#





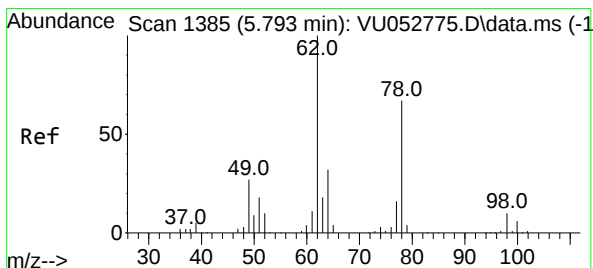
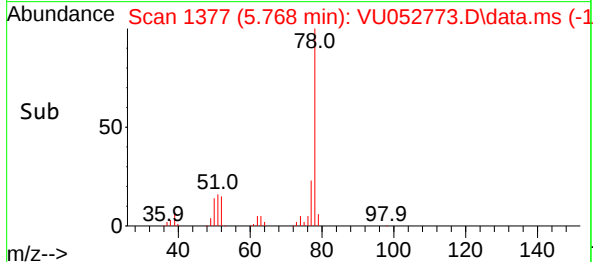
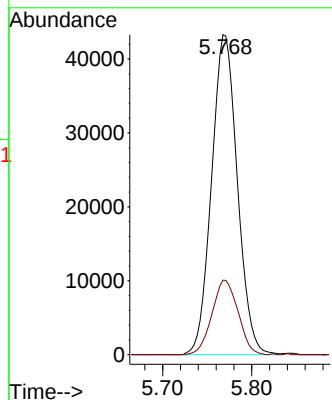
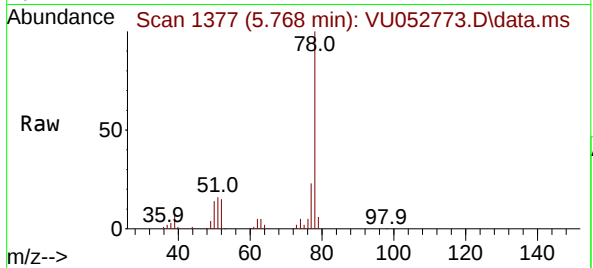
#35
Benzene
Concen: 1.918 ug/l
RT: 5.768 min Scan# 1377
Delta R.T. -0.003 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tgt Ion: 78 Resp: 8714
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4

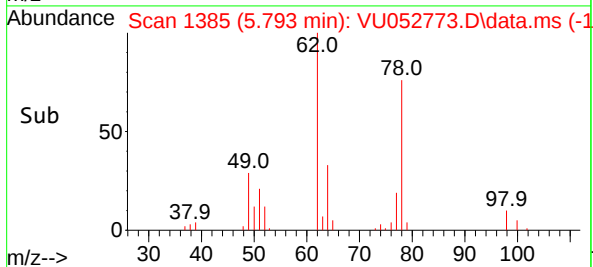
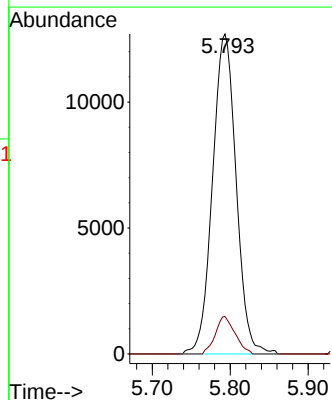
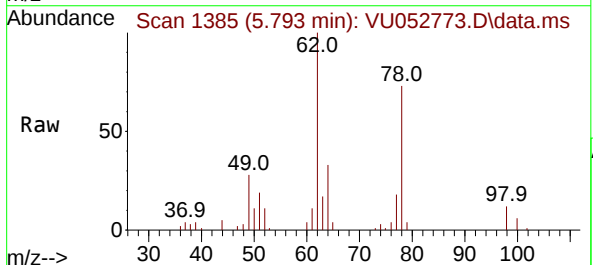
Manual Integrations
APPROVED

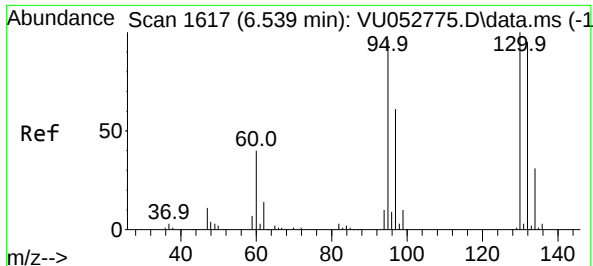
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#36
1,2-Dichloroethane
Concen: 1.996 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Tgt Ion: 62 Resp: 26746
Ion Ratio Lower Upper
62 100
98 9.7 7.5 11.3





#37

Trichloroethene

Concen: 1.805 ug/l

RT: 6.539 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion:130 Resp: 23620

Ion Ratio Lower Upper

130 100

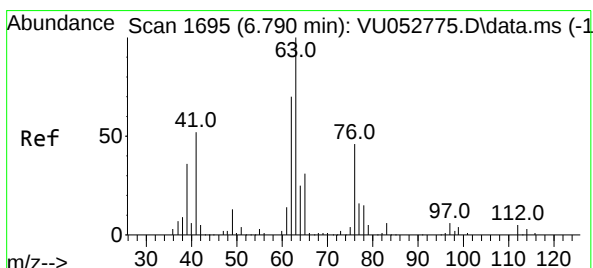
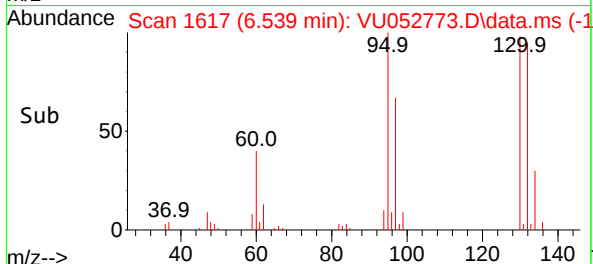
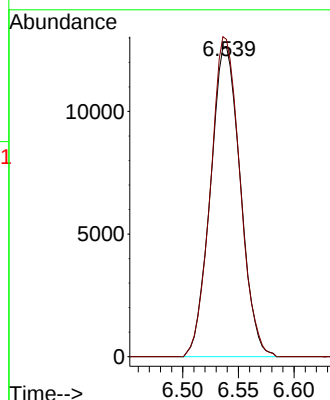
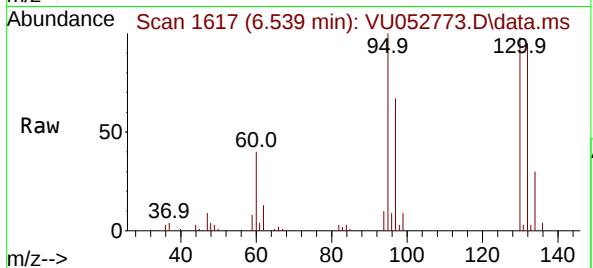
95 102.2 76.6 114.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#38

1,2-Dichloropropane

Concen: 1.909 ug/l

RT: 6.790 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VU052773.D

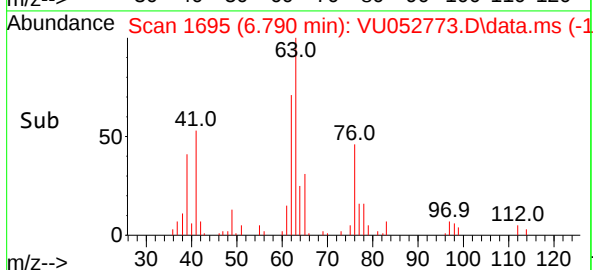
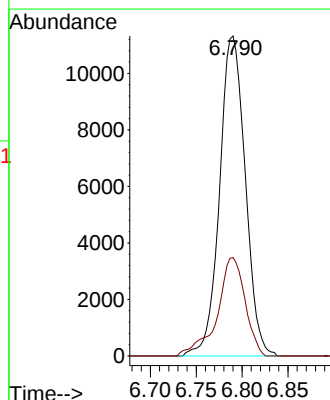
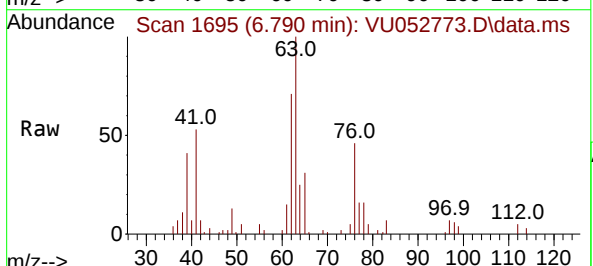
Acq: 23 Jan 2023 12:22

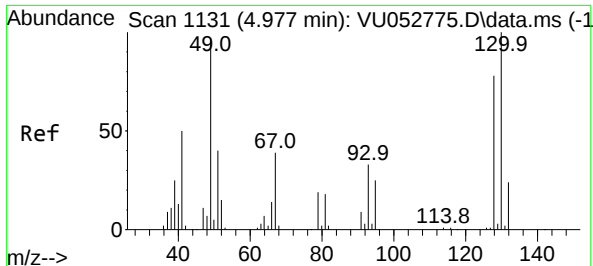
Tgt Ion: 63 Resp: 22049

Ion Ratio Lower Upper

63 100

65 30.7 24.6 36.8





#39

Methacrylonitrile

Concen: 1.793 ug/l

RT: 4.980 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

Tgt Ion: 41 Resp: 598

Ion Ratio Lower Upper

41 100

67 80.9 64.9 97.3

39 55.8 41.7 62.5

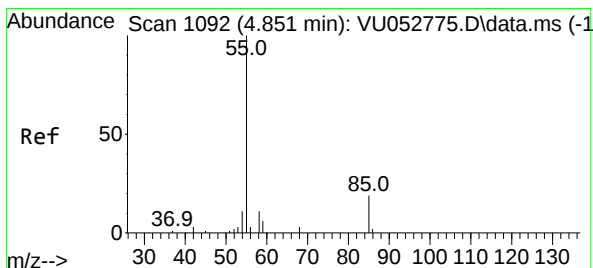
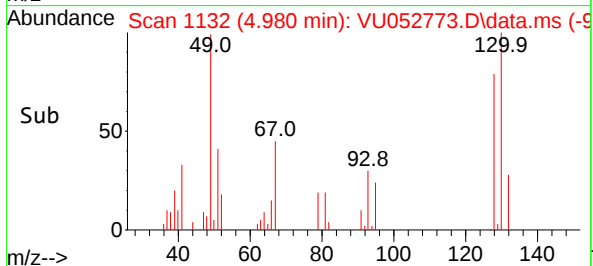
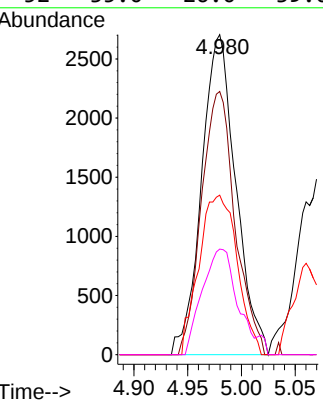
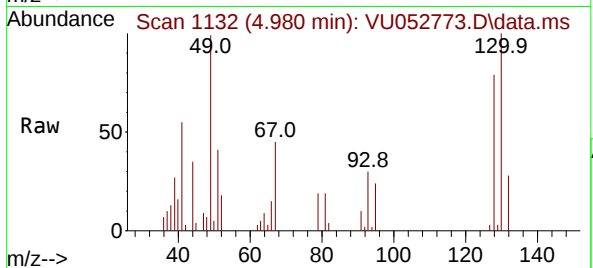
52 35.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#40

Methyl acrylate

Concen: 1.842 ug/l

RT: 4.848 min Scan# 1091

Delta R.T. -0.003 min

Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

Tgt Ion: 55 Resp: 10204

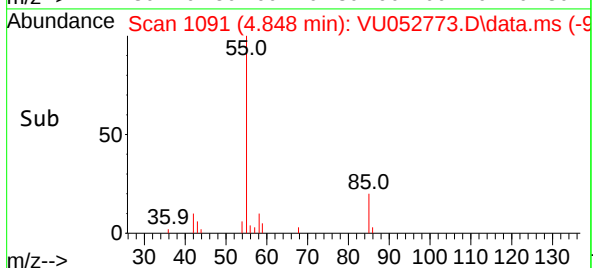
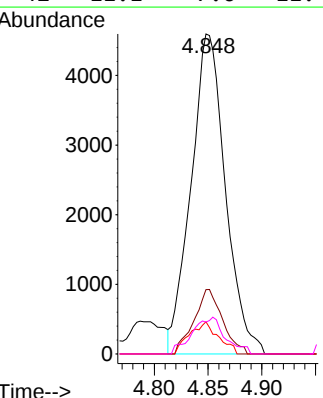
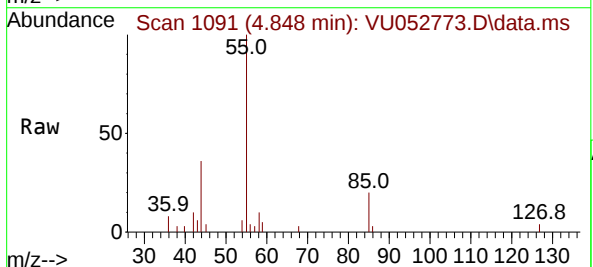
Ion Ratio Lower Upper

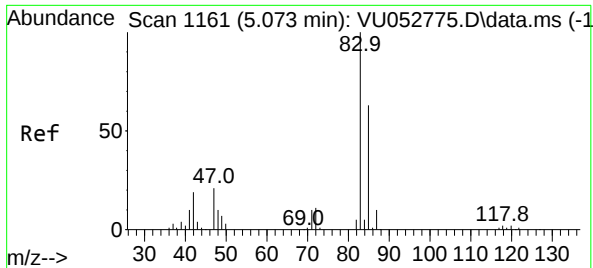
55 100

85 16.7 14.4 21.6

58 8.4 7.3 10.9

42 11.1 7.6 11.4





#41

Tetrahydrofuran

Concen: 3.167 ug/l

RT: 5.070 min Scan# 1161

Delta R.T. -0.003 min

Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

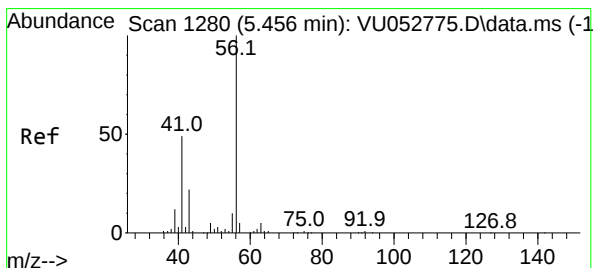
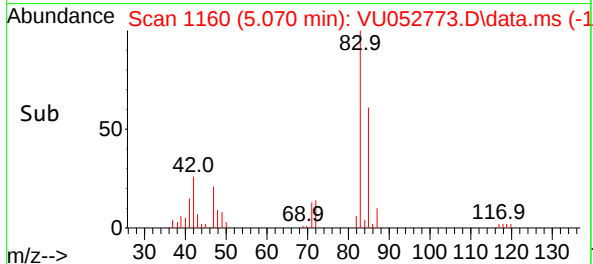
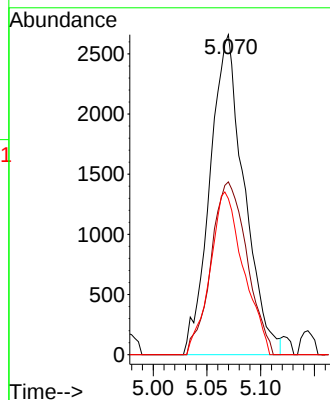
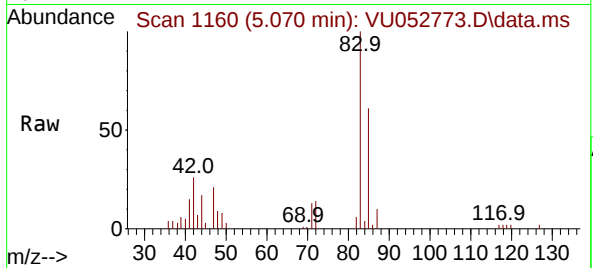
Tgt Ion: 42	Resp: 588
Ion Ratio	Lower Upper
42	100
72	56.6 49.1 73.7
71	49.6 43.8 65.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#42

1-Chlorobutane

Concen: 1.975 ug/l

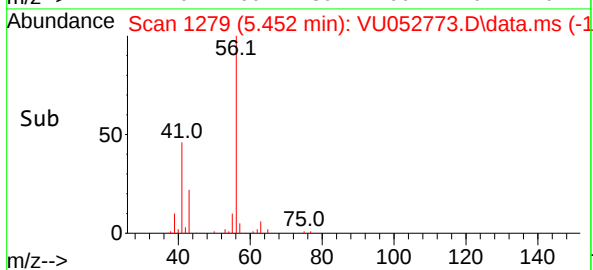
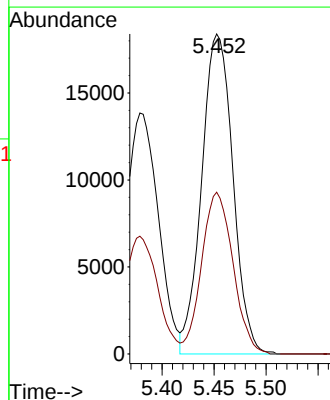
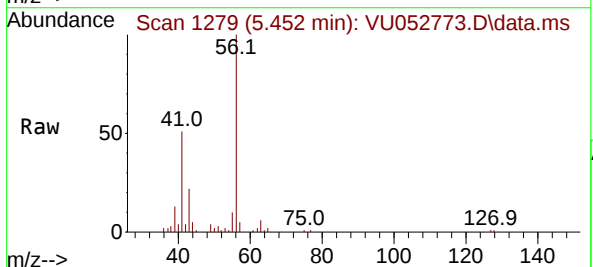
RT: 5.452 min Scan# 1279

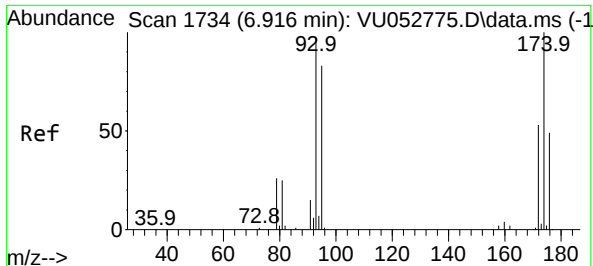
Delta R.T. -0.003 min

Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

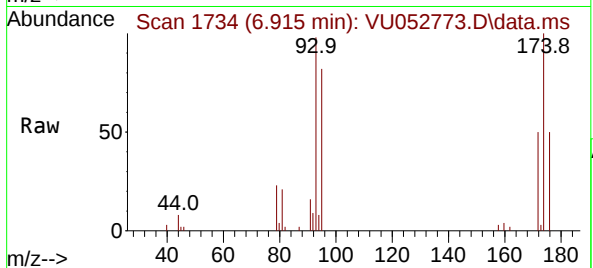
Tgt Ion: 56	Resp: 38496
Ion Ratio	Lower Upper
56	100
41	50.9 24.5 73.5





#43
Dibromomethane
Concen: 1.690 ug/l
RT: 6.915 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

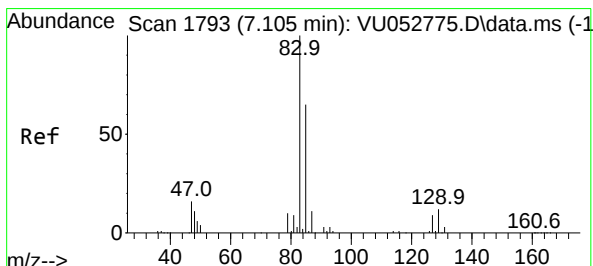
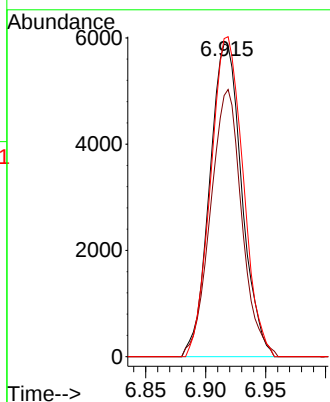
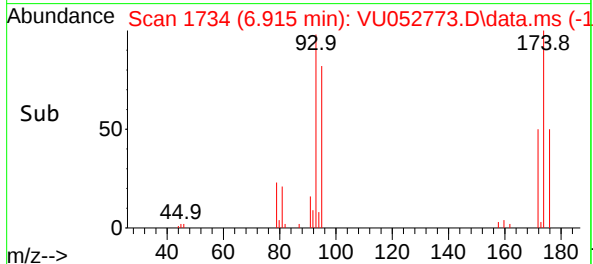
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



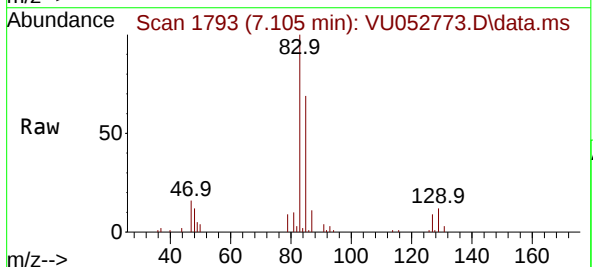
Tgt Ion: 93 Resp: 10989
Ion Ratio Lower Upper
93 100
95 82.9 67.0 100.6
174 103.0 82.2 123.4

Manual Integrations
APPROVED

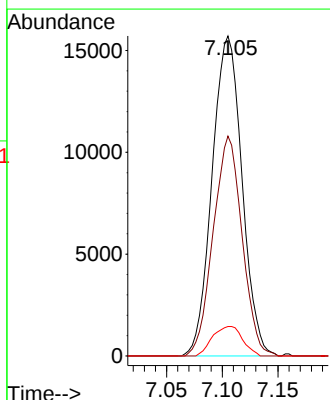
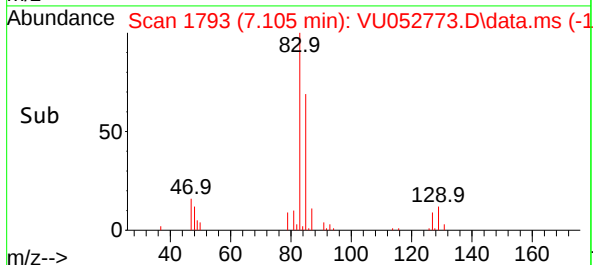
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

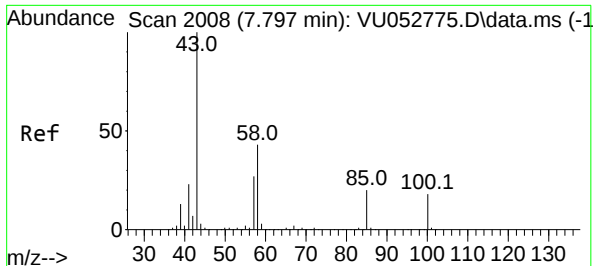


#44
Bromodichloromethane
Concen: 1.910 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22



Tgt Ion: 83 Resp: 29369
Ion Ratio Lower Upper
83 100
85 68.7 52.1 78.1
127 10.5 7.2 10.8





#45

4-Methyl-2-Pentanone

Concen: 8.236 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

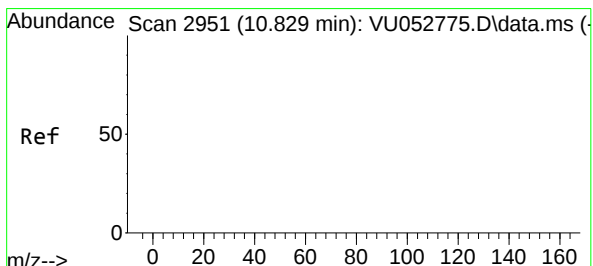
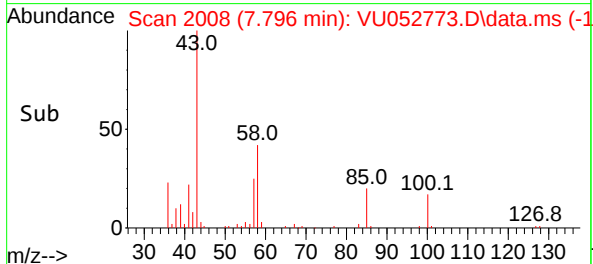
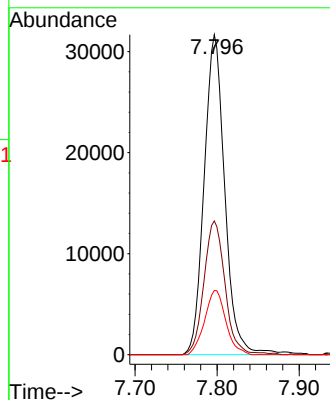
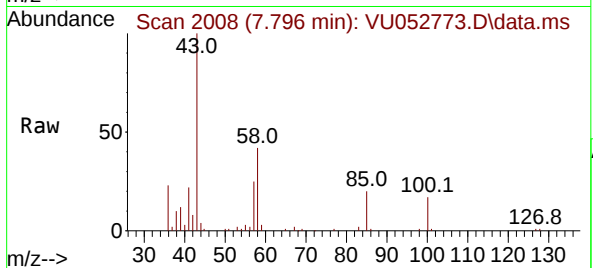
Tgt Ion: 43	Resp: 55314
Ion Ratio	Lower Upper
43 100	
58 42.8	21.7 65.1
85 20.7	16.2 24.4

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: 3.830 ug/l m

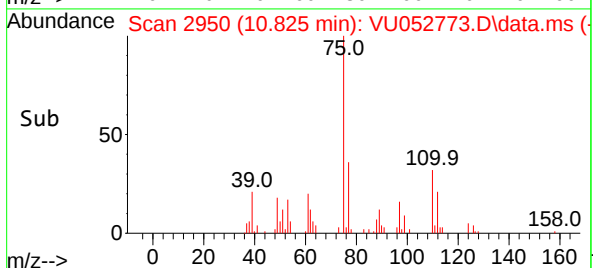
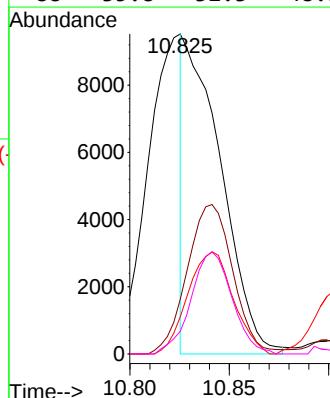
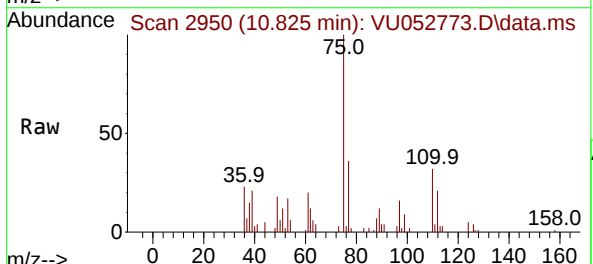
RT: 10.825 min Scan# 2950

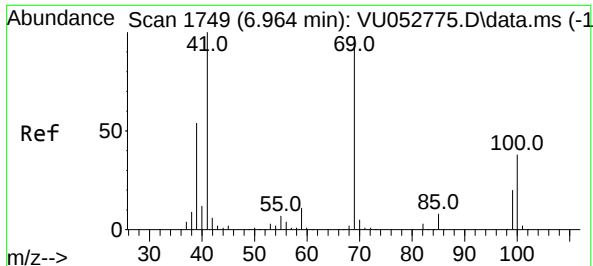
Delta R.T. -0.003 min

Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

Tgt Ion: 75	Resp: 12245
Ion Ratio	Lower Upper
75 100	
53 58.3	57.0 85.4
89 39.5	41.1 61.7#
88 35.8	32.3 48.5





#47

Methyl methacrylate

Concen: 3.519 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC002

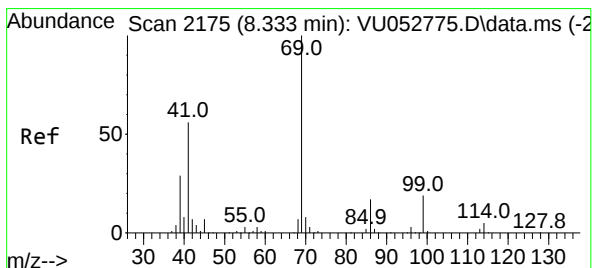
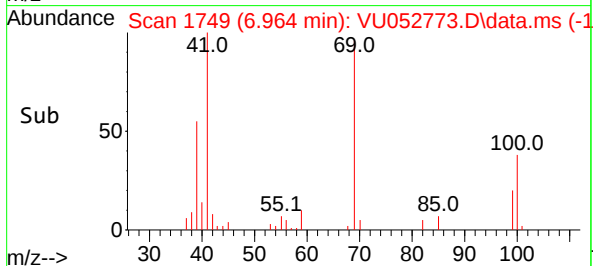
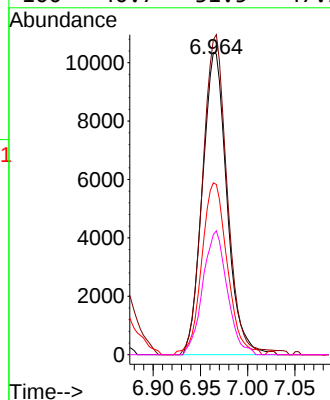
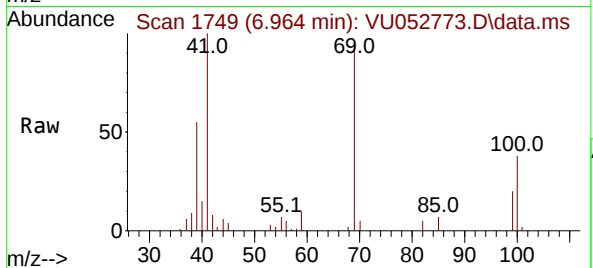
Tgt Ion:	69	Resp:	1871
Ion	Ratio	Lower	Upper
69	100		
41	106.0	0.0	201.8
39	58.8	44.0	66.0
100	40.7	31.5	47.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#48

Ethyl methacrylate

Concen: 1.739 ug/l

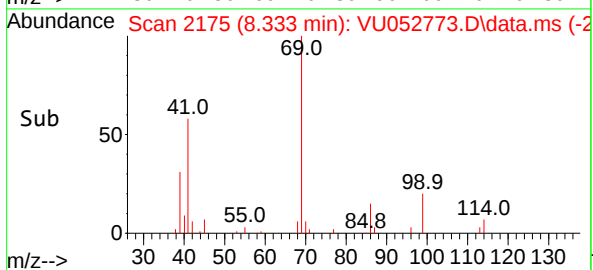
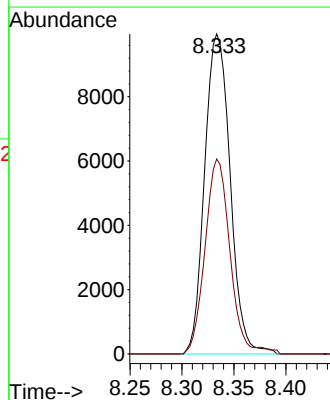
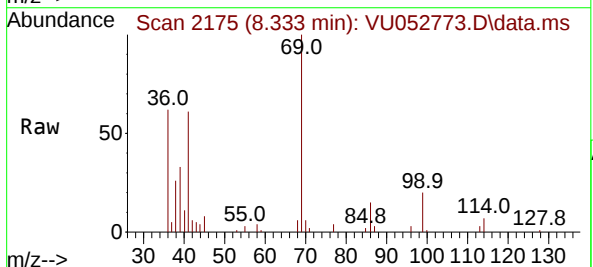
RT: 8.333 min Scan# 2175

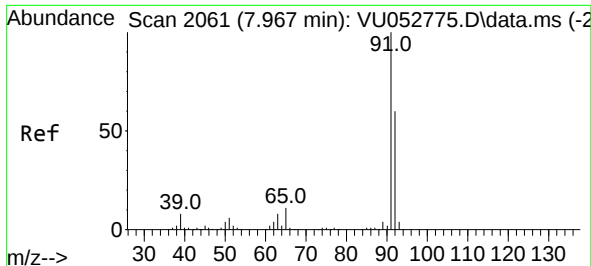
Delta R.T. -0.000 min

Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

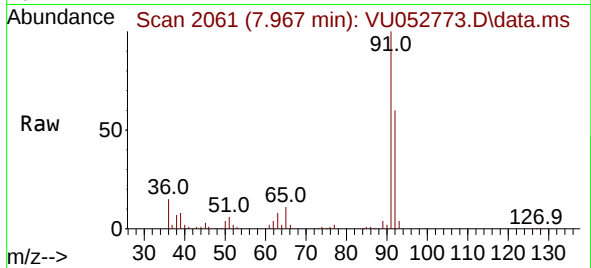
Tgt Ion:	69	Resp:	17003
Ion	Ratio	Lower	Upper
69	100		
41	59.7	28.1	84.4





#49
Toluene
Concen: 1.881 ug/l
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

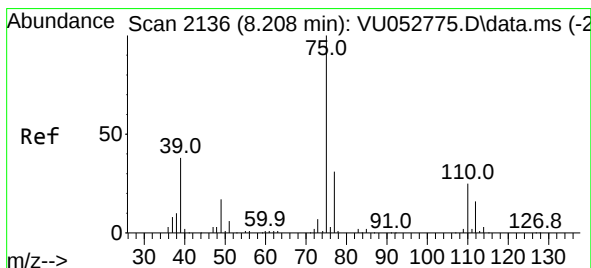
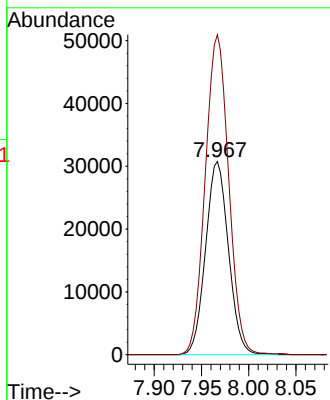
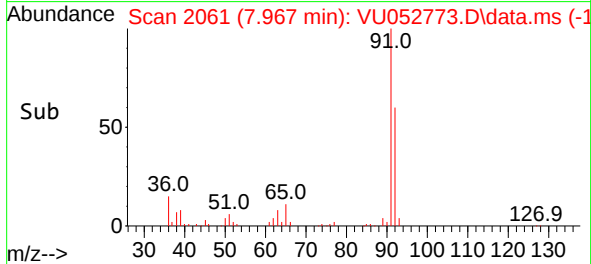
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



Tgt Ion: 92 Resp: 51798
Ion Ratio Lower Upper
92 100
91 169.3 133.8 200.8

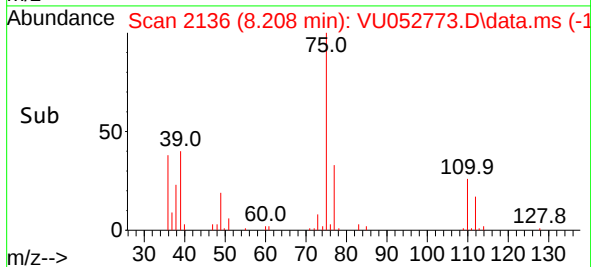
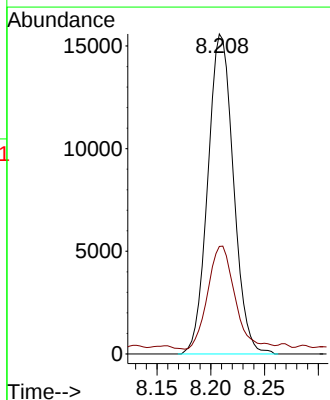
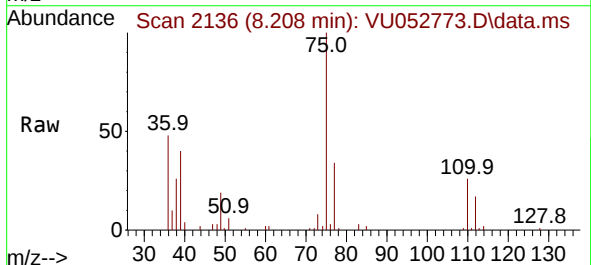
Manual Integrations
APPROVED

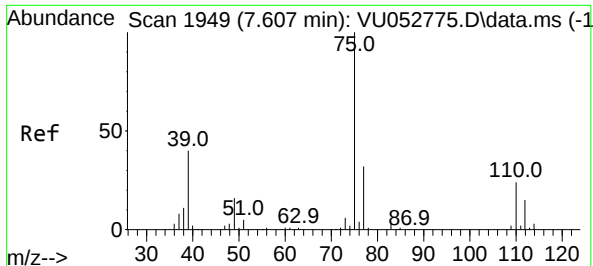
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#50
t-1,3-Dichloropropene
Concen: 1.900 ug/l
RT: 8.208 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Tgt Ion: 75 Resp: 25849
Ion Ratio Lower Upper
75 100
77 31.9 24.4 36.6





#51
cis-1,3-Dichloropropene
Concen: 1.946 ug/l
RT: 7.604 min Scan# 1948
Delta R.T. -0.003 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

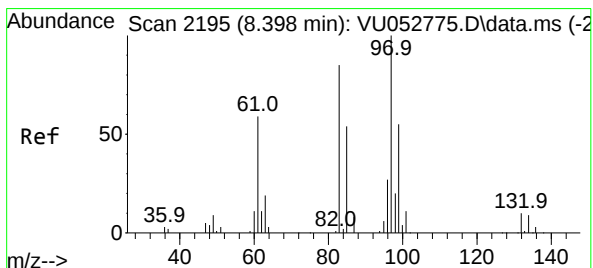
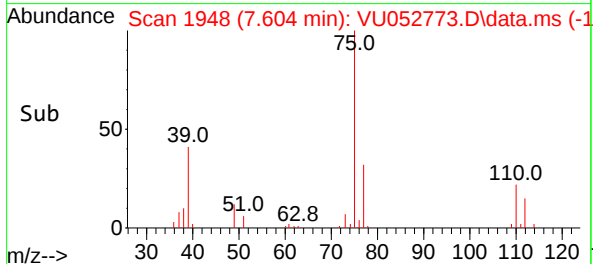
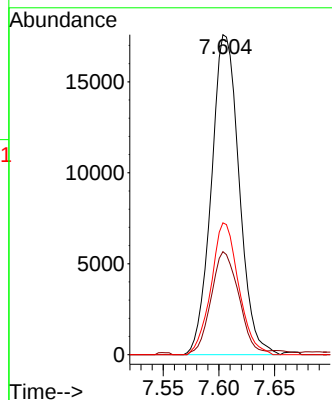
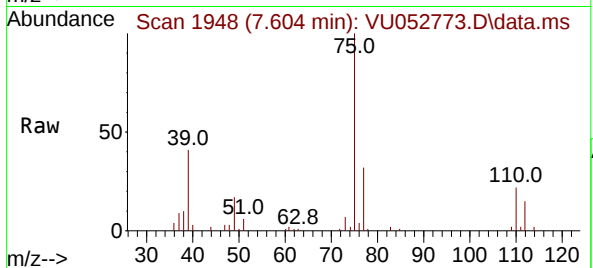
Tgt Ion: 75 Resp: 30498
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
39 41.2 32.3 48.5

Manual Integrations

APPROVED

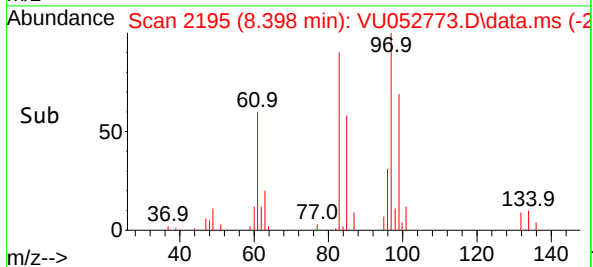
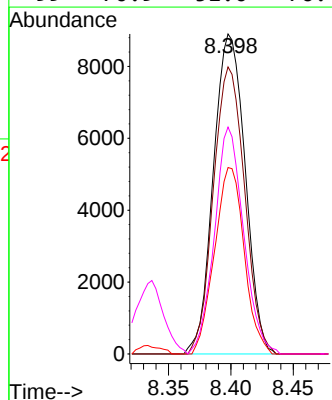
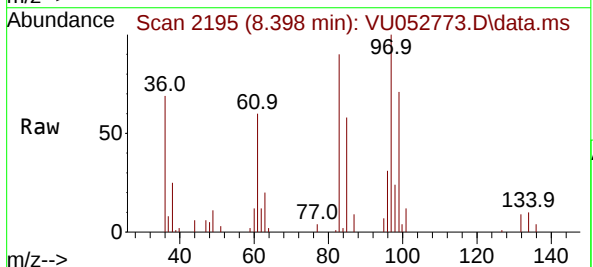
Reviewed By :Krupa Patel 01/24/2023

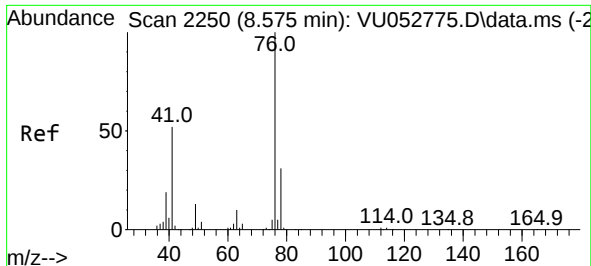
Supervised By :Mahesh Dadoda 01/24/2023



#52
1,1,2-Trichloroethane
Concen: 1.707 ug/l
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Tgt Ion: 97 Resp: 15743
Ion Ratio Lower Upper
97 100
83 89.7 68.2 102.2
85 58.2 44.5 66.7
99 70.9 51.0 76.4





#53

1,3-Dichloropropane

Concen: 1.762 ug/l

RT: 8.575 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion: 76 Resp: 2691

Ion Ratio Lower Upper

76 100

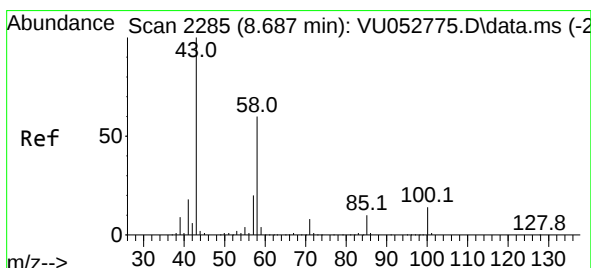
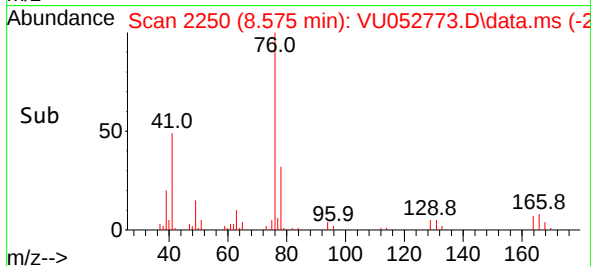
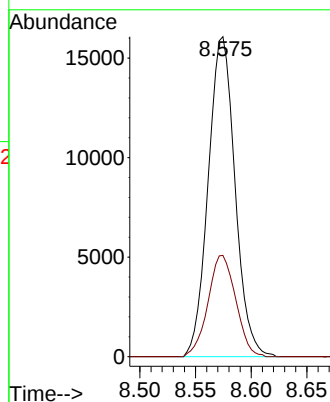
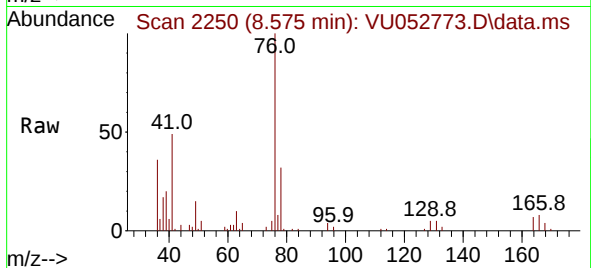
78 32.8 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#54

2-Hexanone

Concen: 9.237 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

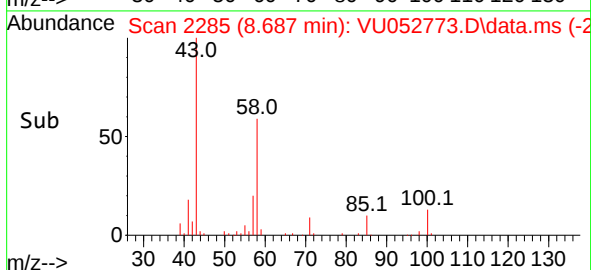
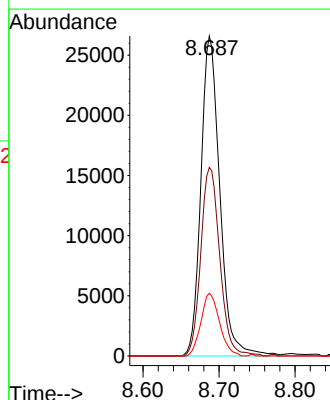
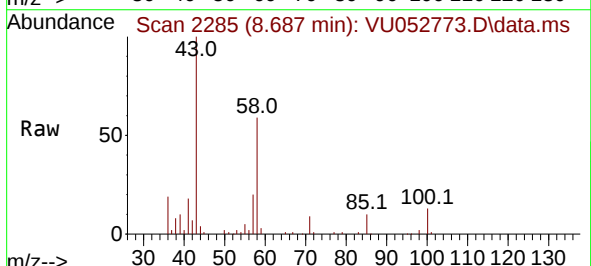
Tgt Ion: 43 Resp: 46018

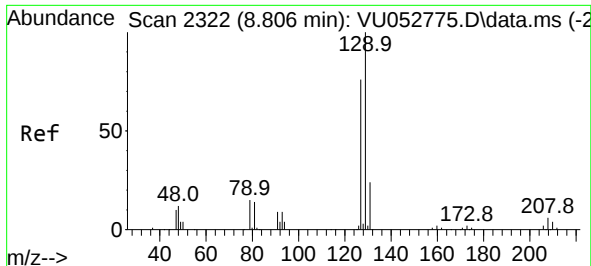
Ion Ratio Lower Upper

43 100

58 59.0 40.0 80.0

57 19.2 0.6 40.6





#55

Dibromochloromethane

Concen: 1.813 ug/l

RT: 8.806 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion:129 Resp: 2014

Ion Ratio Lower Upper

129 100

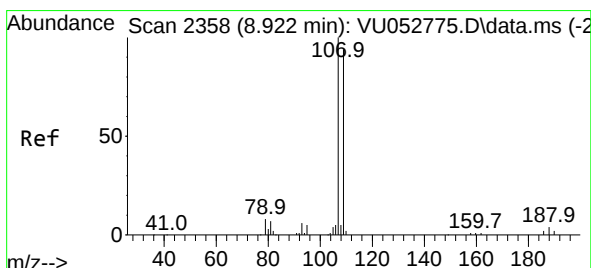
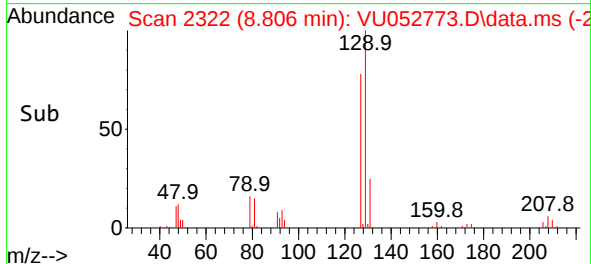
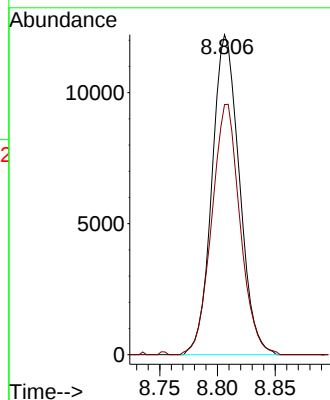
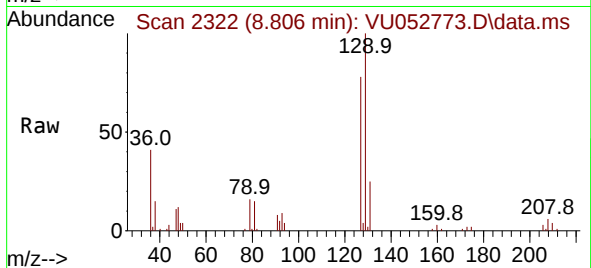
127 81.0 61.5 92.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#56

1,2-Dibromoethane

Concen: 1.624 ug/l

RT: 8.922 min Scan# 2358

Delta R.T. -0.000 min

Lab File: VU052773.D

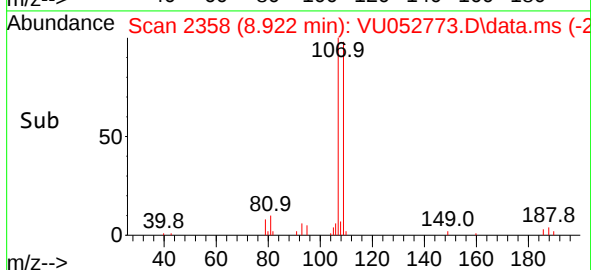
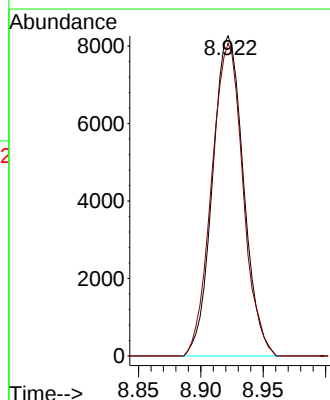
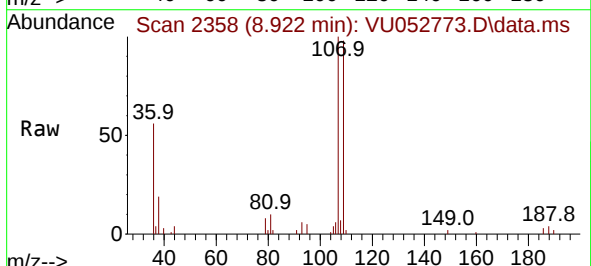
Acq: 23 Jan 2023 12:22

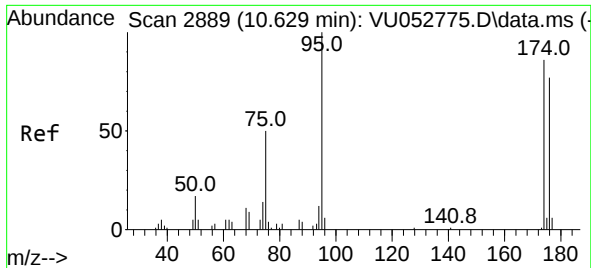
Tgt Ion:107 Resp: 14253

Ion Ratio Lower Upper

107 100

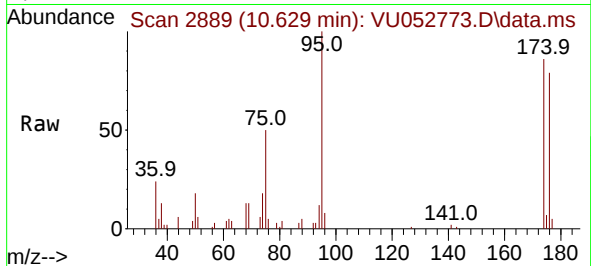
109 99.2 0.0 190.4





#57
4-Bromofluorobenzene
Concen: 0.909 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

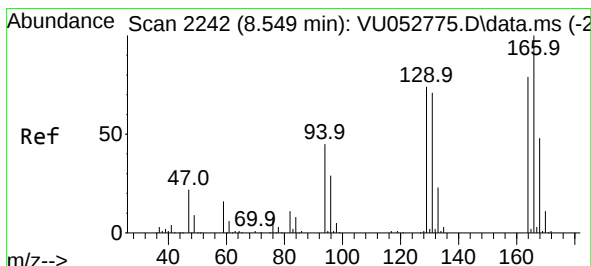
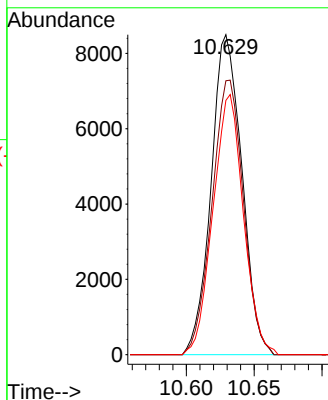
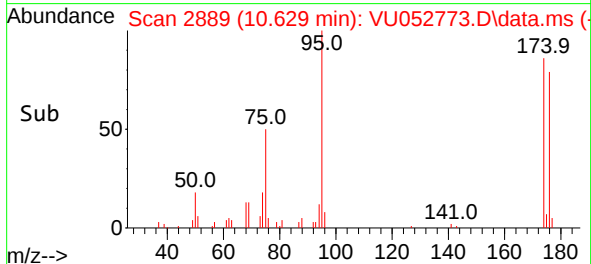
Instrument : MSVOA_U
ClientSampleId : VSTDIC002



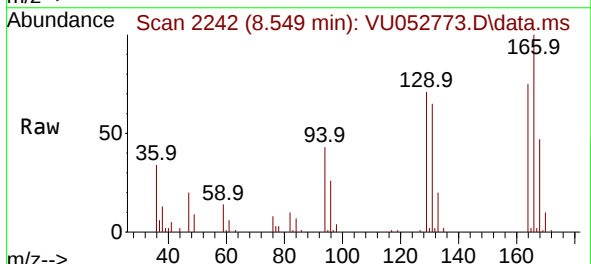
Tgt Ion: 95 Resp: 13418
Ion Ratio Lower Upper
95 100
174 87.6 66.9 100.3
176 80.6 61.9 92.9

Manual Integrations
APPROVED

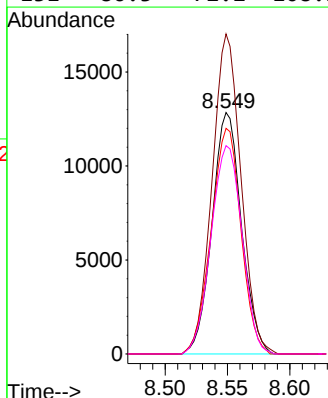
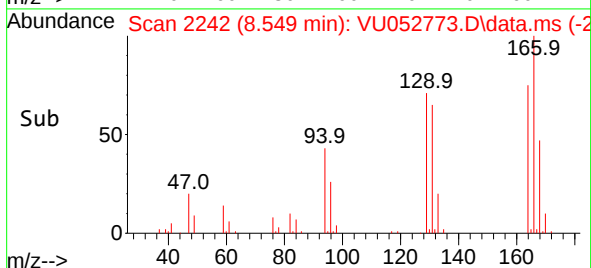
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

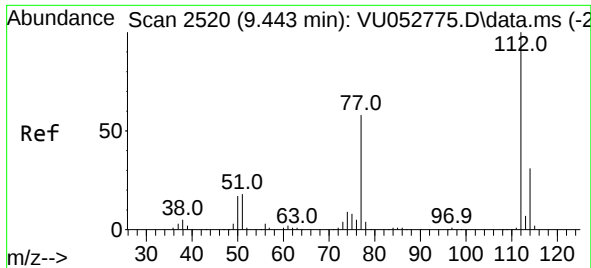


#58
Tetrachloroethene
Concen: 1.801 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22



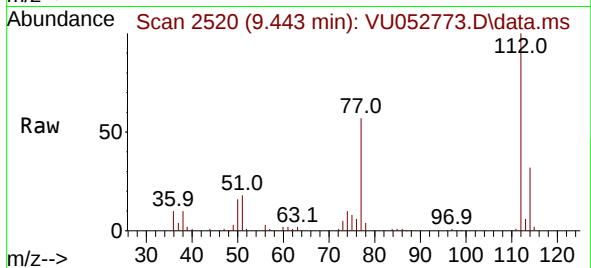
Tgt Ion:164 Resp: 21087
Ion Ratio Lower Upper
164 100
166 132.5 101.5 152.3
129 93.4 75.2 112.8
131 86.3 72.2 108.2





#59
Chlorobenzene
Concen: 1.766 ug/l
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

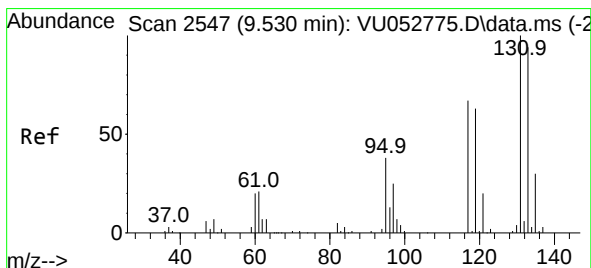
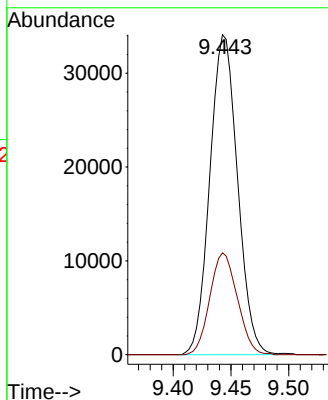
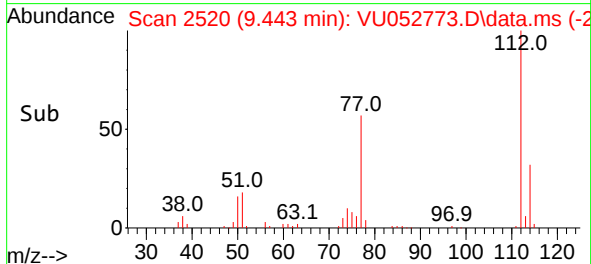
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



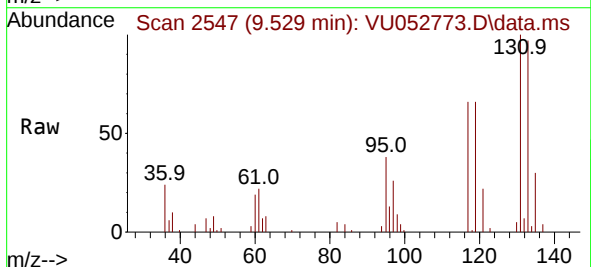
Tgt Ion:112 Resp: 56829
Ion Ratio Lower Upper
112 100
114 31.8 25.2 37.8

Manual Integrations
APPROVED

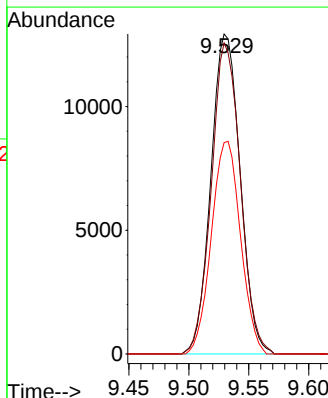
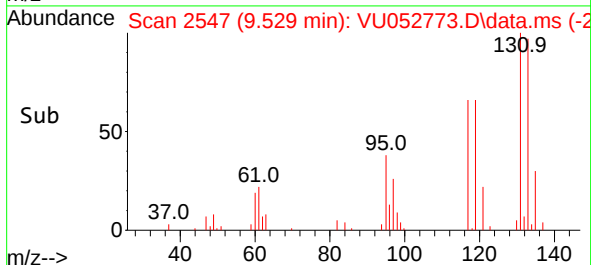
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

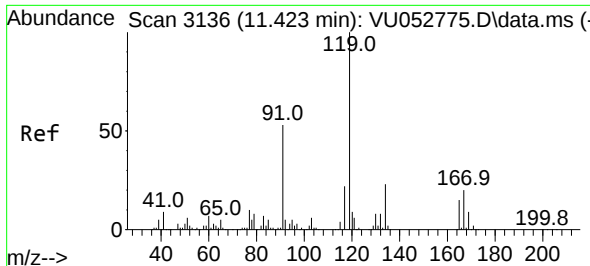


#60
1,1,1,2-Tetrachloroethane
Concen: 1.904 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22



Tgt Ion:131 Resp: 21910
Ion Ratio Lower Upper
131 100
133 96.7 77.2 115.8
119 66.2 50.8 76.2





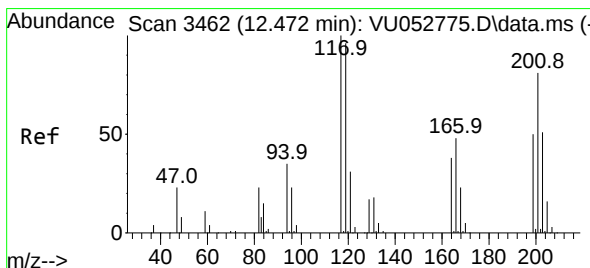
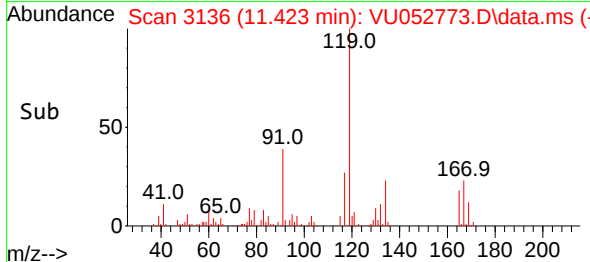
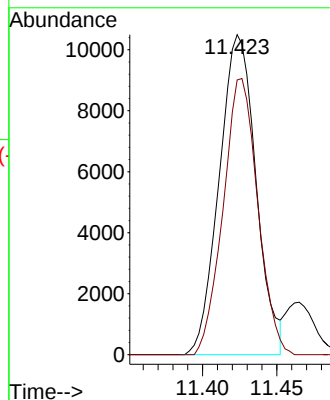
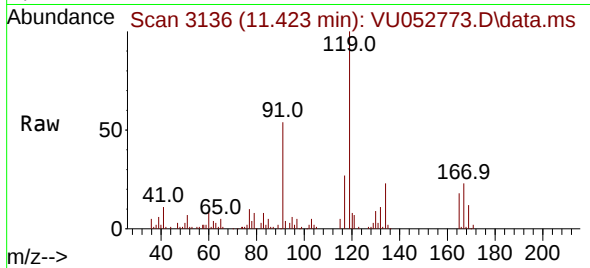
#61
 Pentachloroethane
 Concen: 1.883 ug/l
 RT: 11.423 min Scan# 3136
 Delta R.T. -0.000 min
 Lab File: VU052773.D
 Acq: 23 Jan 2023 12:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tgt Ion:117 Resp: 1808
 Ion Ratio Lower Upper
 117 100
 167 81.1 66.8 100.2

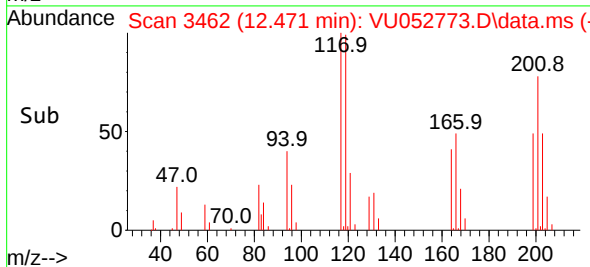
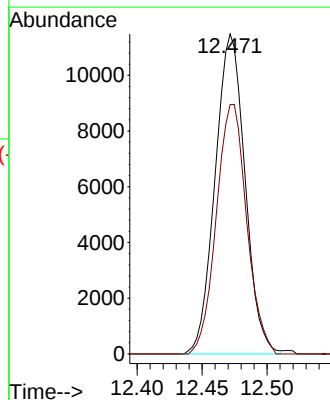
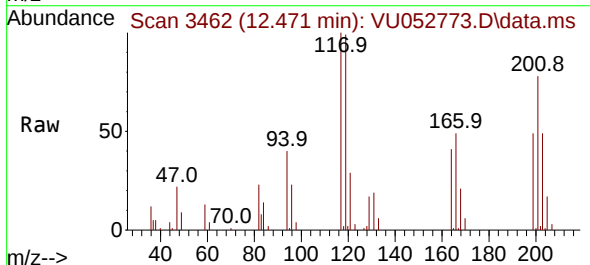
Manual Integrations
 APPROVED

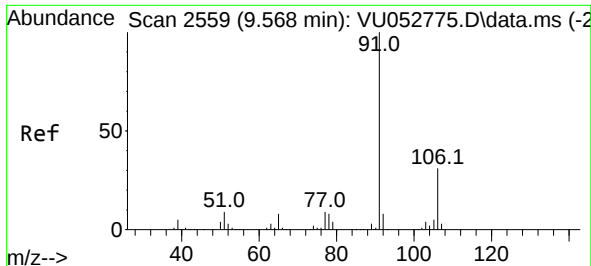
Reviewed By :Krupa Patel 01/24/2023
 Supervised By :Mahesh Dadoda 01/24/2023



#62
 Hexachloroethane
 Concen: 2.059 ug/l
 RT: 12.471 min Scan# 3462
 Delta R.T. -0.000 min
 Lab File: VU052773.D
 Acq: 23 Jan 2023 12:22

Tgt Ion:117 Resp: 18356
 Ion Ratio Lower Upper
 117 100
 201 79.2 64.6 97.0





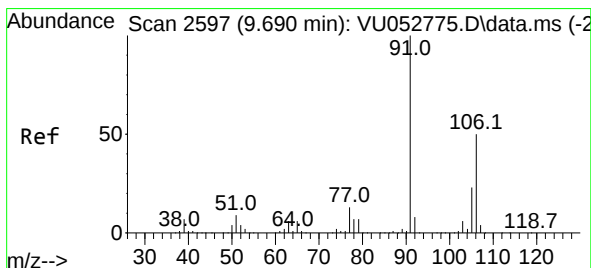
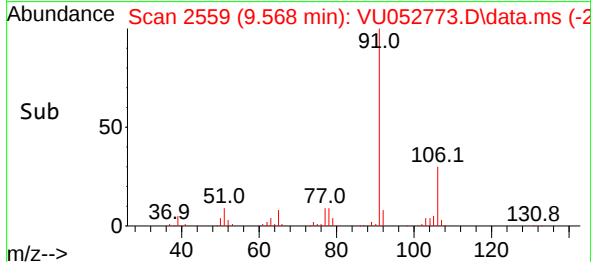
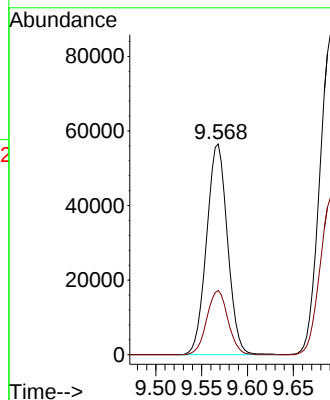
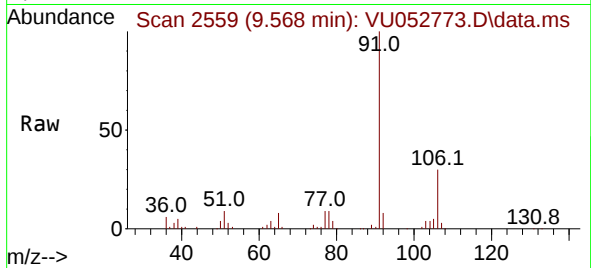
#63
Ethyl Benzene
Concen: 1.797 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 89748
Ion Ratio Lower Upper
91 100
106 30.5 25.1 37.7

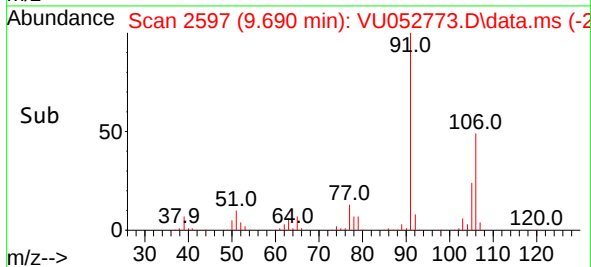
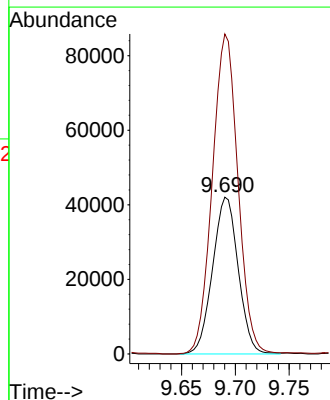
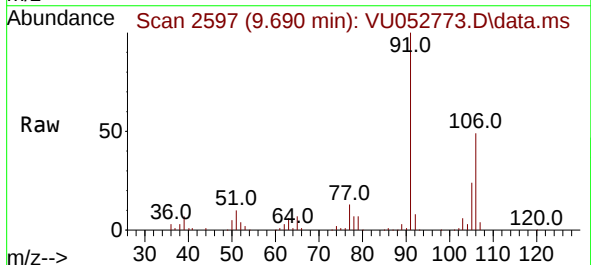
Manual Integrations
APPROVED

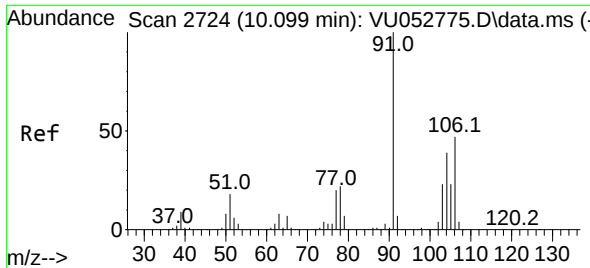
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#64
m/p-Xylenes
Concen: 3.495 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Tgt Ion:106 Resp: 69651
Ion Ratio Lower Upper
106 100
91 204.0 158.7 238.1





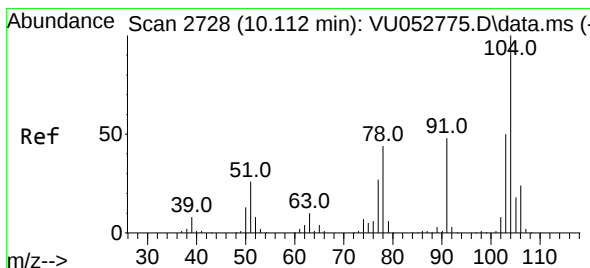
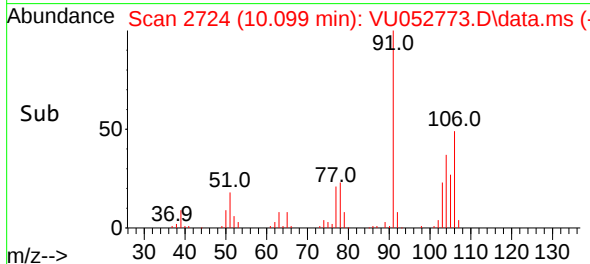
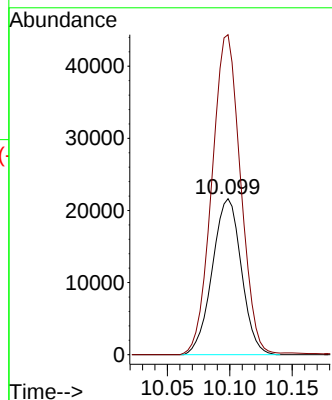
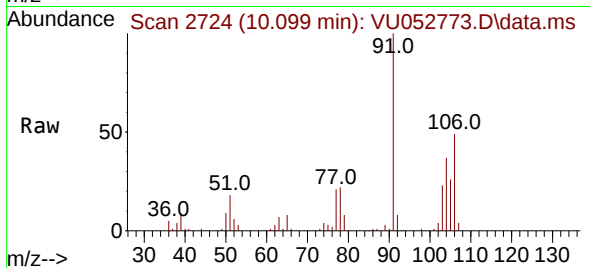
#65
o-Xylene
Concen: 1.841 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:106 Resp: 35094
Ion Ratio Lower Upper
106 100
91 202.5 105.6 316.8

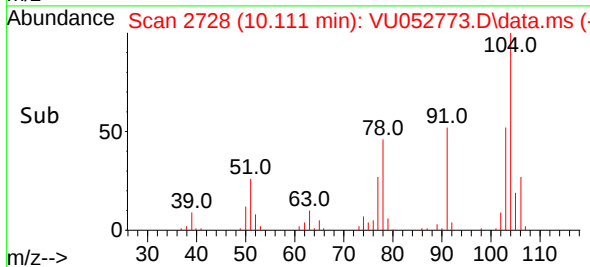
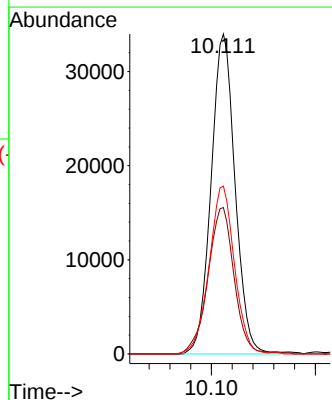
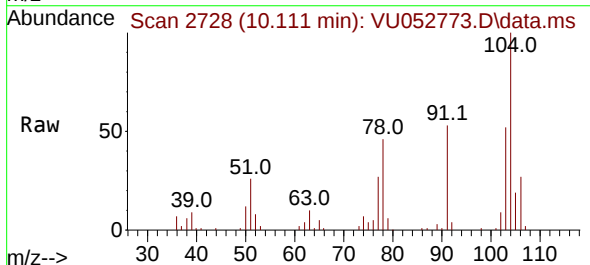
Manual Integrations
APPROVED

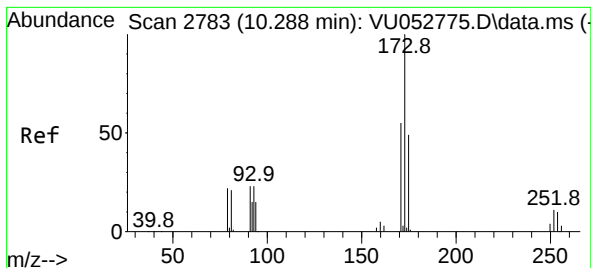
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#66
Styrene
Concen: 1.705 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Tgt Ion:104 Resp: 54374
Ion Ratio Lower Upper
104 100
78 49.9 39.6 59.4
103 55.6 42.9 64.3





#67

Bromoform

Concen: 1.787 ug/l

RT: 10.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

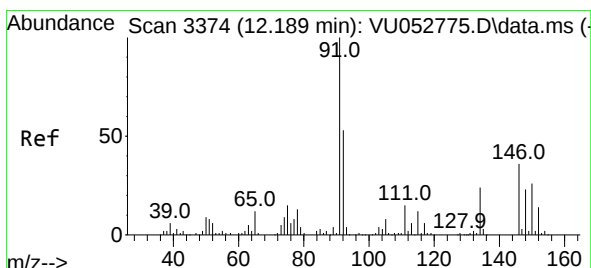
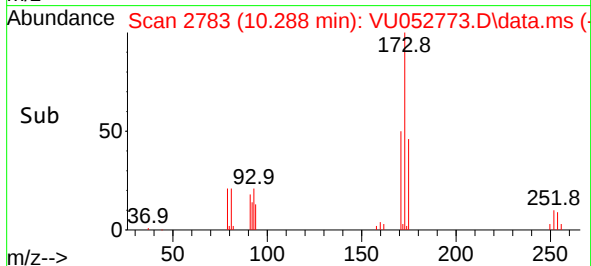
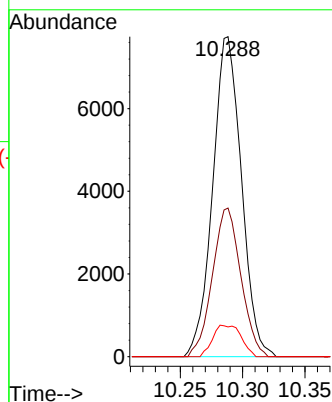
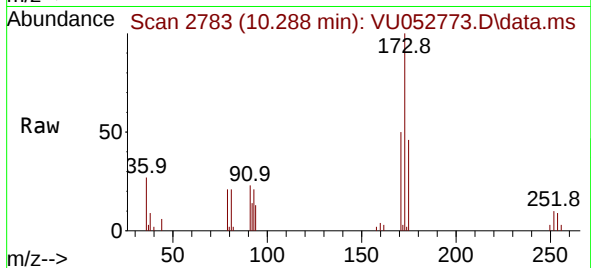
Tgt Ion:	173	Resp:	1240
Ion Ratio	Lower	Upper	
173	100		
175	46.1	39.5	59.3
254	9.7	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#68

1,2-Dichlorobenzene-d4

Concen: 0.809 ug/l

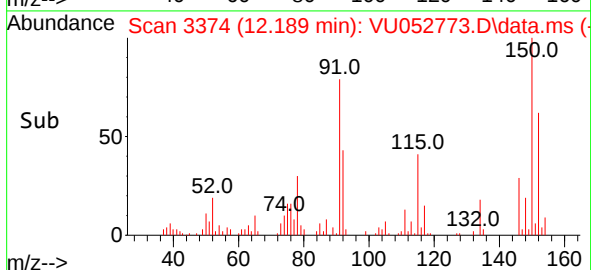
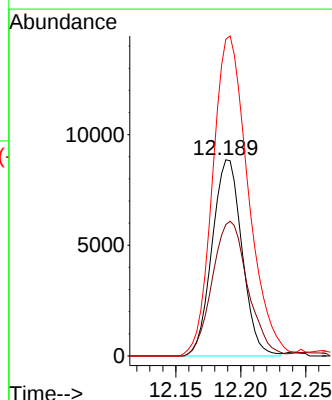
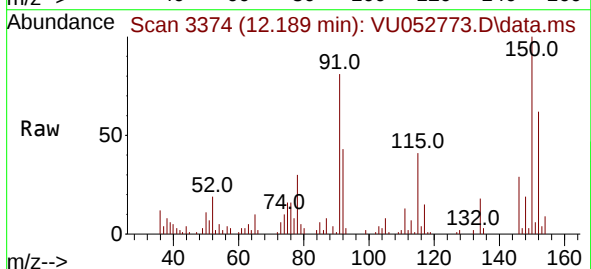
RT: 12.189 min Scan# 3374

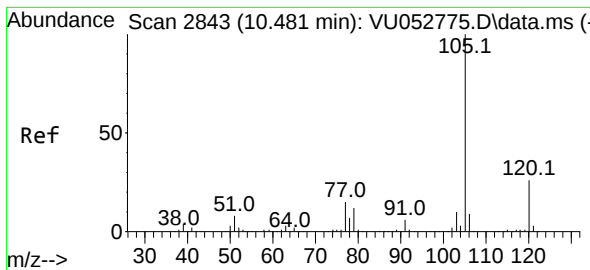
Delta R.T. -0.000 min

Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

Tgt Ion:	152	Resp:	14177
Ion Ratio	Lower	Upper	
152	100		
115	81.5	0.0	262.6
150	193.8	0.0	638.0





#69

Isopropylbenzene

Concen: 1.749 ug/l

RT: 10.481 min Scan# 2843

Delta R.T. -0.000 min

Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tgt Ion:105 Resp: 86748

Ion Ratio Lower Upper

105 100

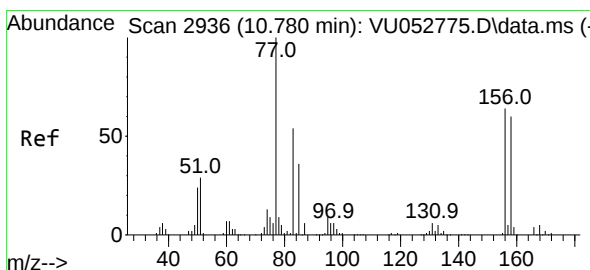
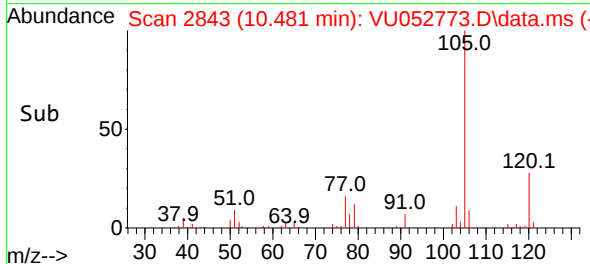
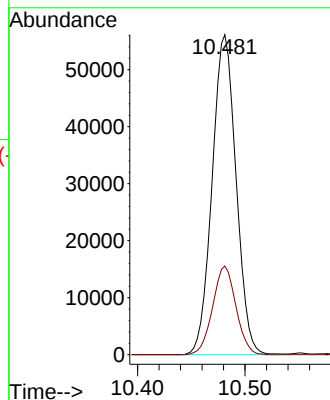
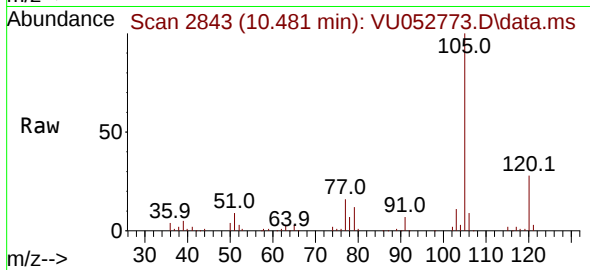
120 26.9 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#70

1,1,2,2-Tetrachloroethane

Concen: 1.609 ug/l

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

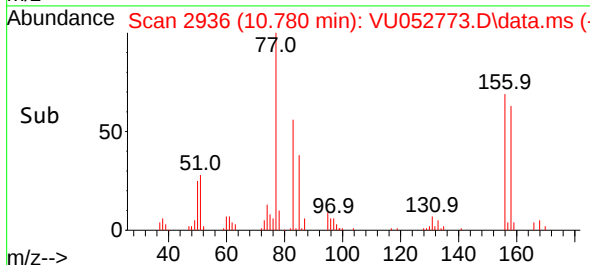
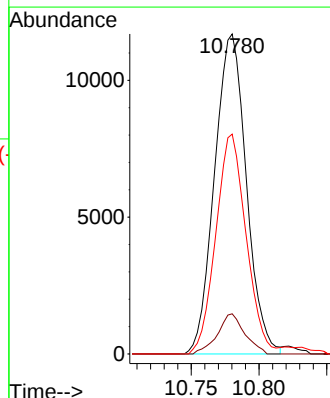
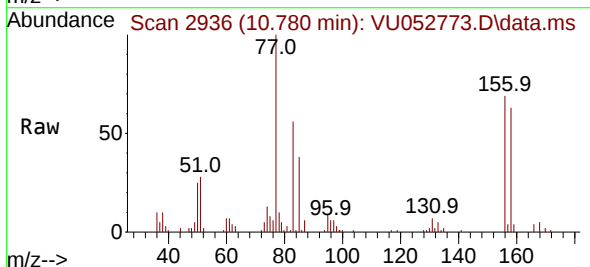
Tgt Ion: 83 Resp: 19073

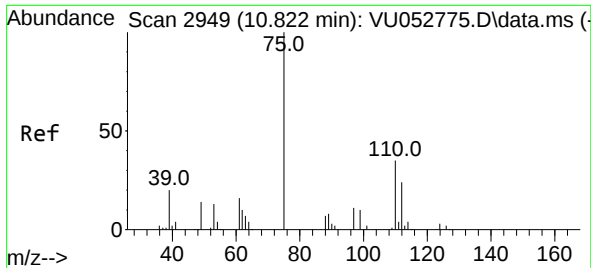
Ion Ratio Lower Upper

83 100

131 10.8 8.6 13.0

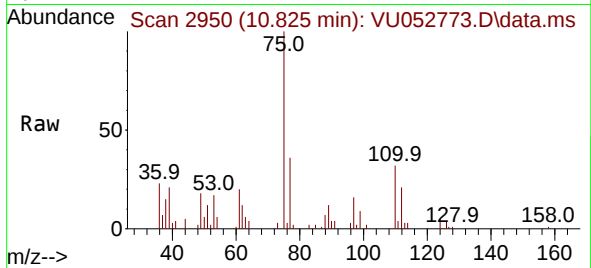
85 65.3 52.6 78.8





#71
1,2,3-Trichloropropane
Concen: 1.746 ug/l m
RT: 10.825 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

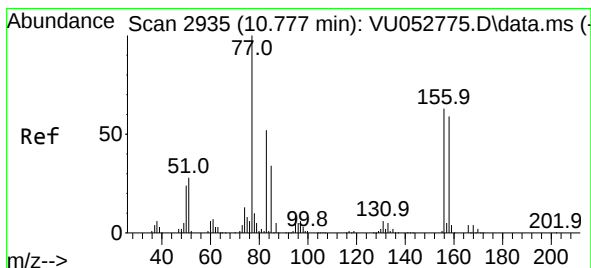
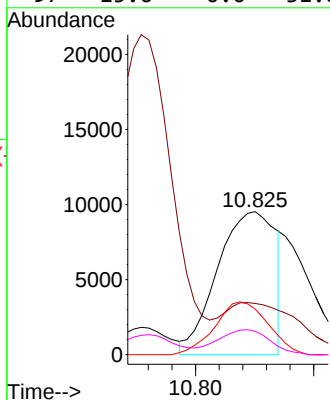
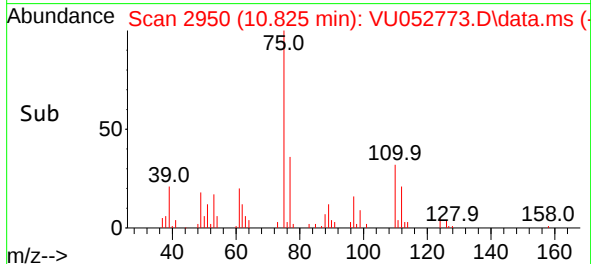
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



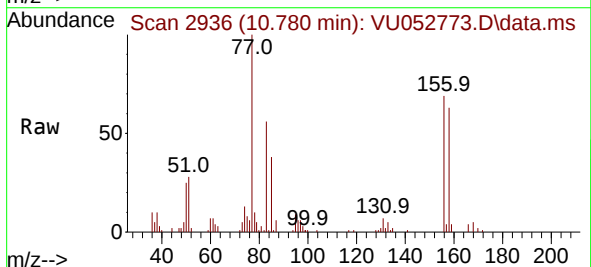
Tgt Ion: 75 Resp: 16279
Ion Ratio Lower Upper
75 100
77 45.0 0.0 86.0
110 33.8 0.0 63.8
97 15.6 0.0 31.8

Manual Integrations
APPROVED

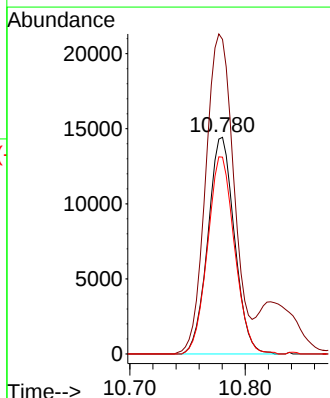
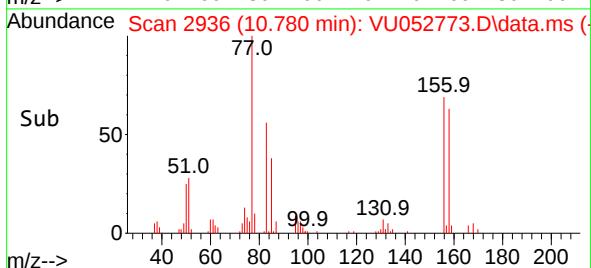
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

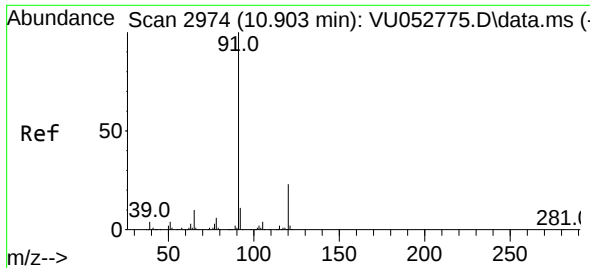


#72
Bromobenzene
Concen: 1.587 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22



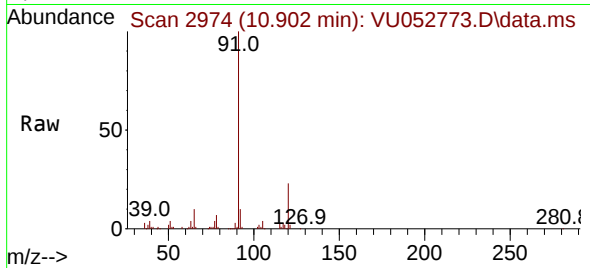
Tgt Ion:156 Resp: 23061
Ion Ratio Lower Upper
156 100
77 156.3 0.0 321.2
158 92.6 0.0 192.0





#73
n-propylbenzene
Concen: 1.681 ug/l
RT: 10.902 min Scan# 2974
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

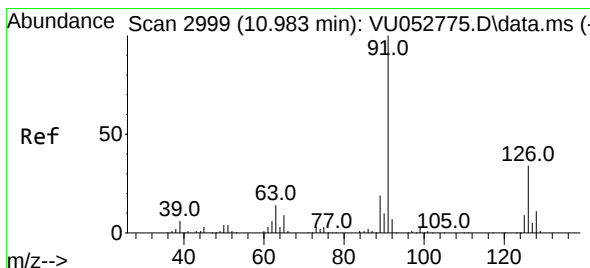
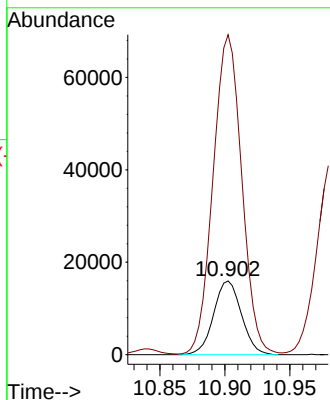
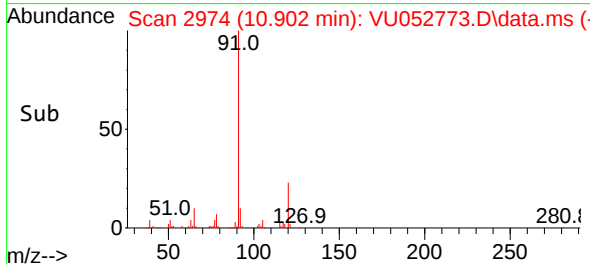
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



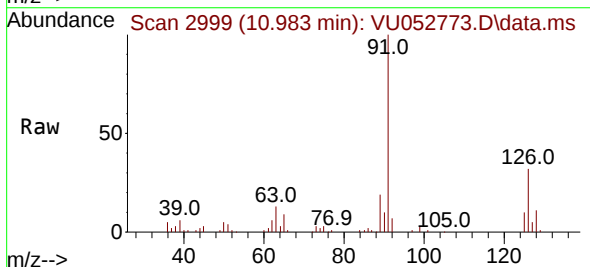
Tgt Ion:120 Resp: 23684
Ion Ratio Lower Upper
120 100
91 446.3 348.0 522.0

Manual Integrations
APPROVED

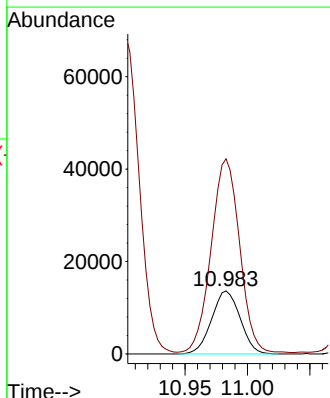
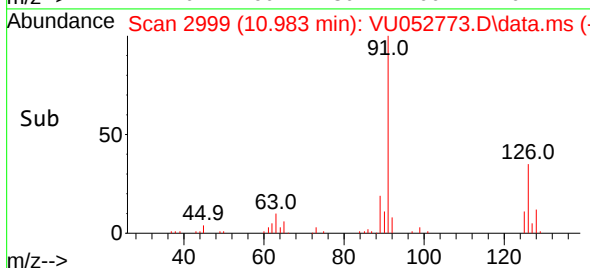
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

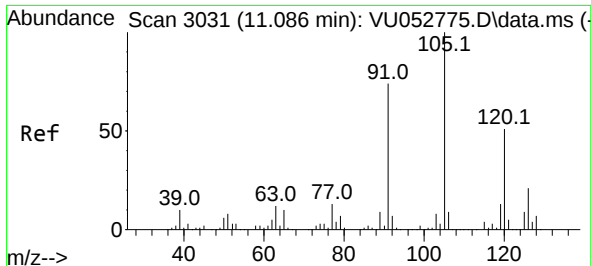


#74
2-Chlorotoluene
Concen: 1.638 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22



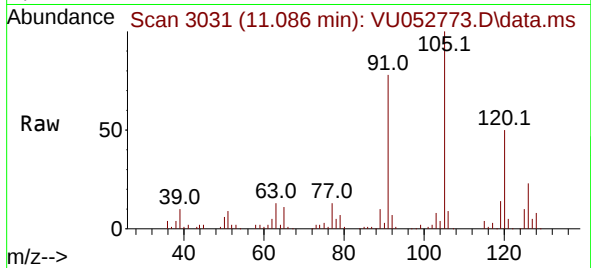
Tgt Ion:126 Resp: 21730
Ion Ratio Lower Upper
126 100
91 306.6 0.0 588.6





#75
1,3,5-Trimethylbenzene
Concen: 1.751 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

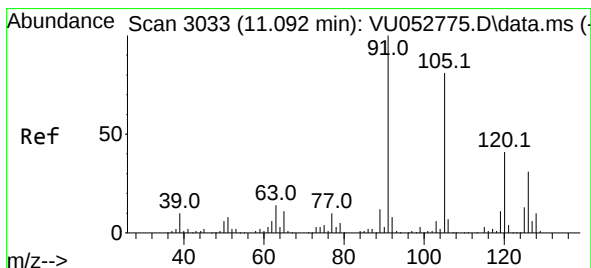
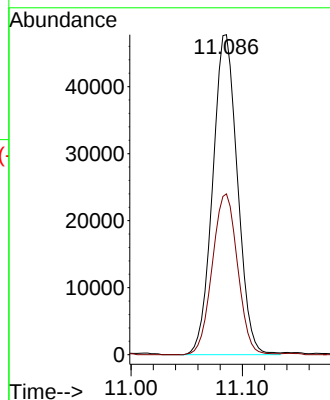
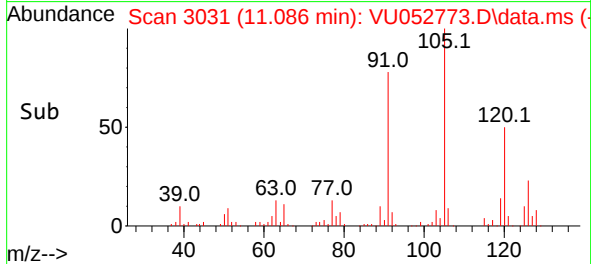
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



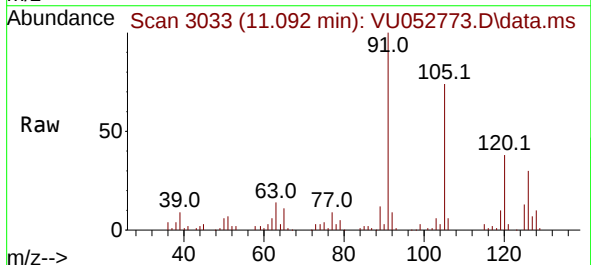
Tgt Ion:105 Resp: 7387
Ion Ratio Lower Upper
105 100
120 51.3 39.9 59.9

Manual Integrations
APPROVED

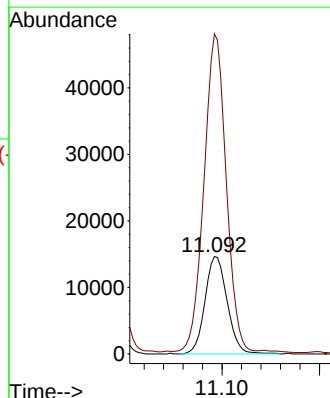
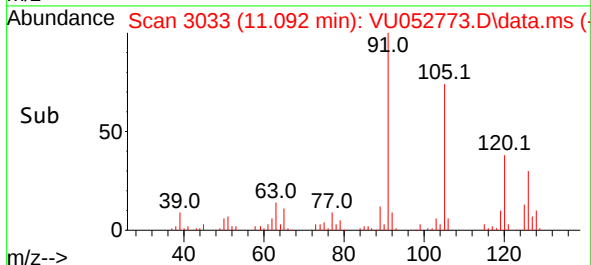
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

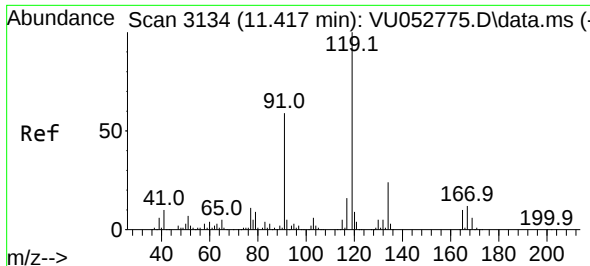


#76
4-Chlorotoluene
Concen: 1.658 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22



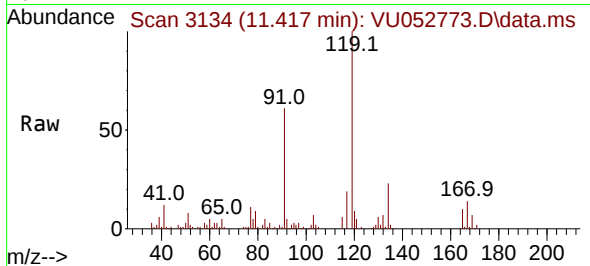
Tgt Ion:126 Resp: 23144
Ion Ratio Lower Upper
126 100
91 324.4 0.0 661.8





#77
tert-Butylbenzene
Concen: 1.788 ug/l
RT: 11.417 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

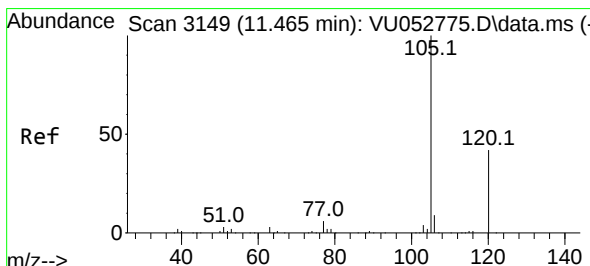
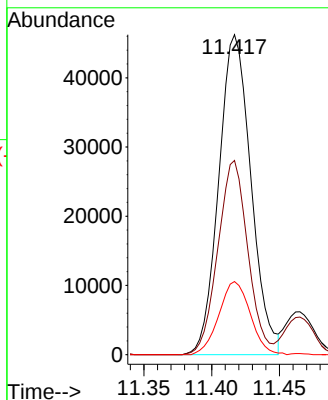
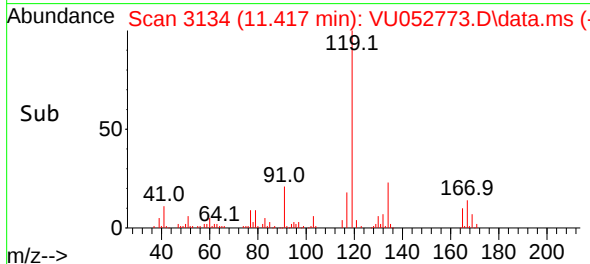
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002



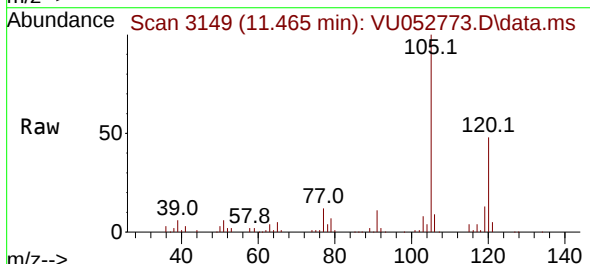
Tgt Ion:119 Resp: 76490
Ion Ratio Lower Upper
119 100
91 56.6 28.4 85.3
134 22.2 18.6 27.8

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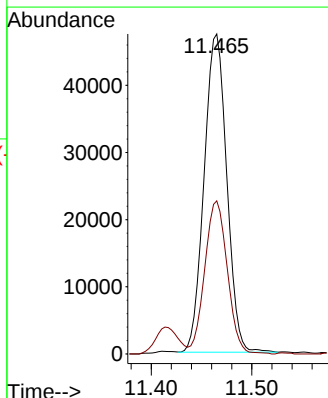
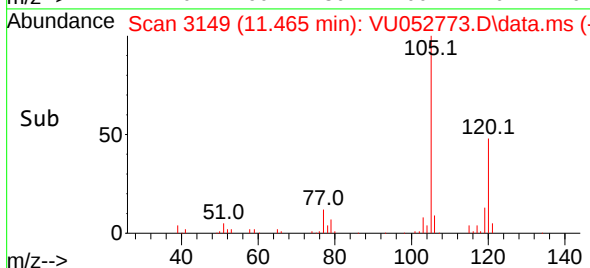
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

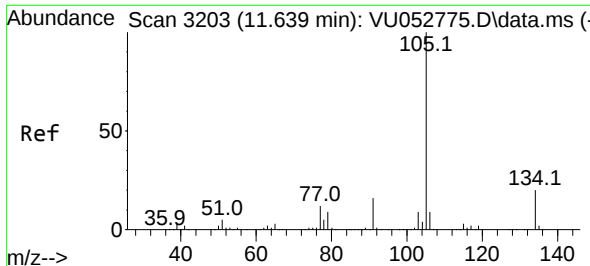


#78
1,2,4-Trimethylbenzene
Concen: 1.717 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22



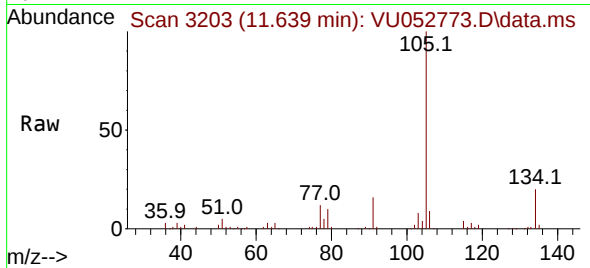
Tgt Ion:105 Resp: 74098
Ion Ratio Lower Upper
105 100
120 48.1 23.4 70.3





#79
 sec-Butylbenzene
 Concen: 1.768 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU052773.D
 Acq: 23 Jan 2023 12:22

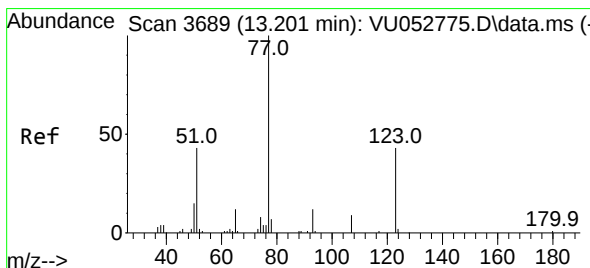
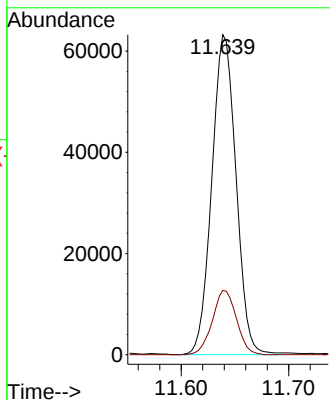
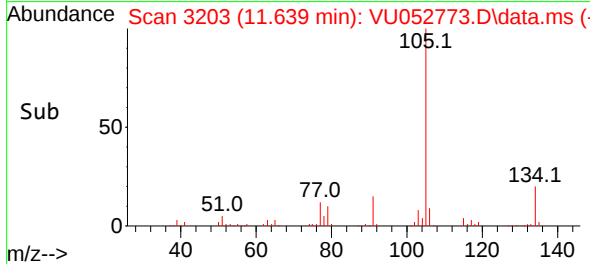
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002



Tgt Ion:105 Resp: 9887
 Ion Ratio Lower Upper
 105 100
 134 20.0 16.5 24.7

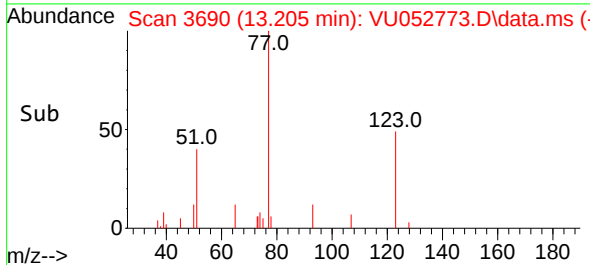
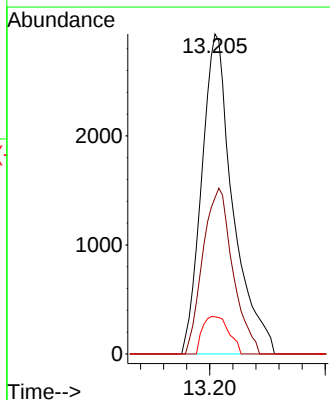
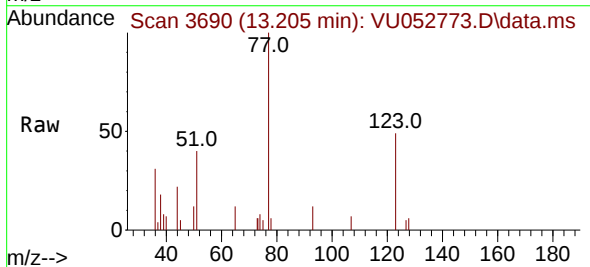
Manual Integrations
 APPROVED

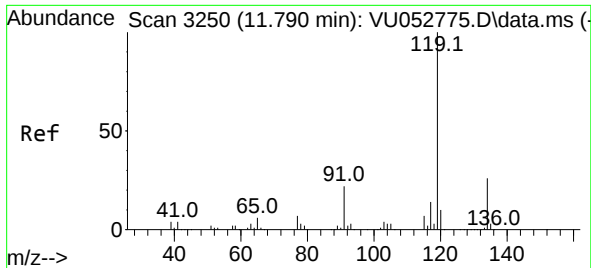
Reviewed By :Krupa Patel 01/24/2023
 Supervised By :Mahesh Dadoda 01/24/2023



#80
 Nitrobenzene
 Concen: 11.297 ug/l
 RT: 13.205 min Scan# 3690
 Delta R.T. 0.003 min
 Lab File: VU052773.D
 Acq: 23 Jan 2023 12:22

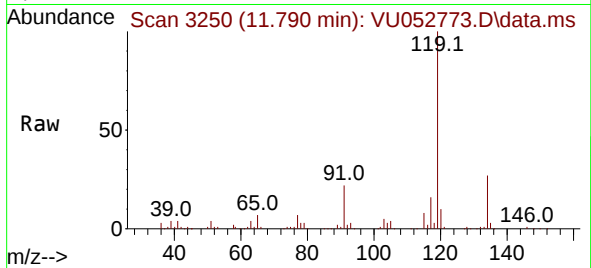
Tgt Ion: 77 Resp: 5500
 Ion Ratio Lower Upper
 77 100
 123 49.7 18.8 66.8
 65 9.8 10.1 12.9#





#81
p-Isopropyltoluene
Concen: 1.759 ug/l
RT: 11.790 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

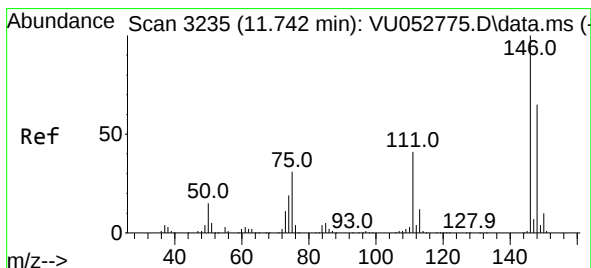
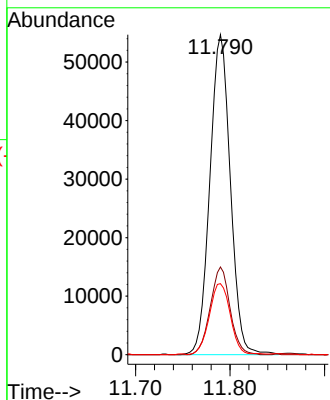
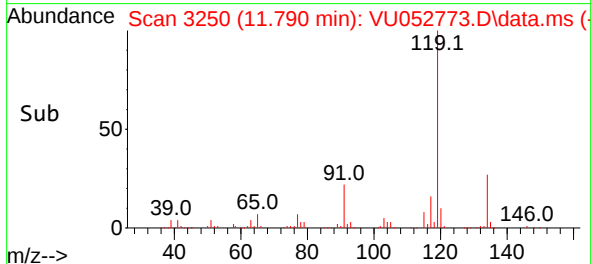
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



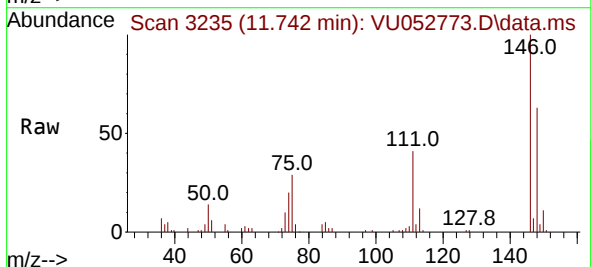
Tgt Ion:119 Resp: 82314
Ion Ratio Lower Upper
119 100
134 26.5 20.7 31.1
91 22.6 17.6 26.4

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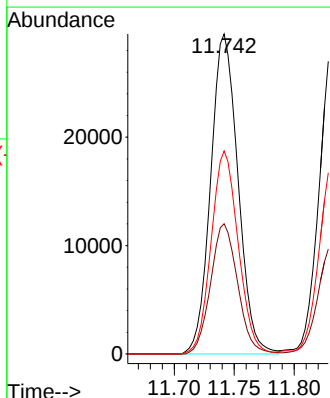
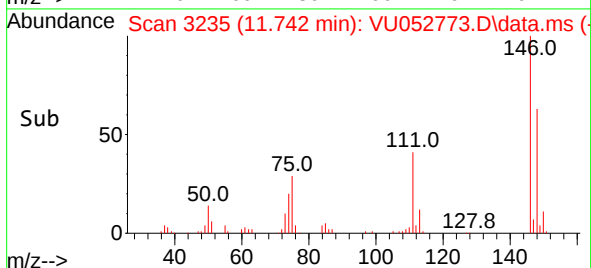
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

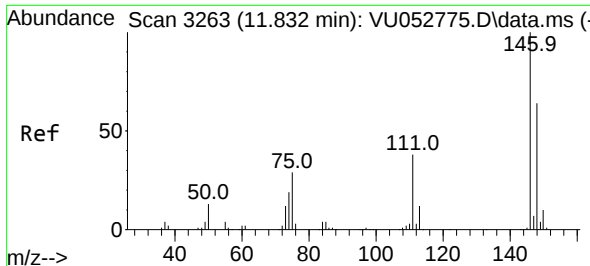


#82
1,3-Dichlorobenzene
Concen: 1.592 ug/l
RT: 11.742 min Scan# 3235
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22



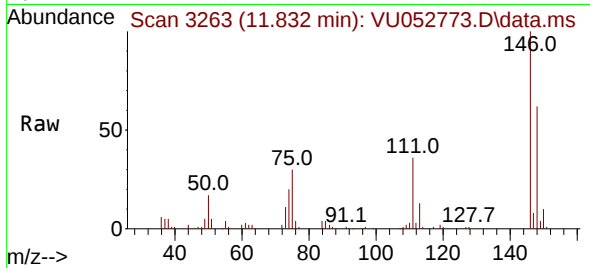
Tgt Ion:146 Resp: 46709
Ion Ratio Lower Upper
146 100
111 40.3 32.6 48.8
148 62.9 51.9 77.9





#83
1,4-Dichlorobenzene
Concen: 1.548 ug/l
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

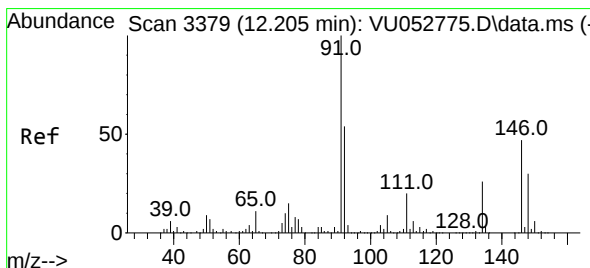
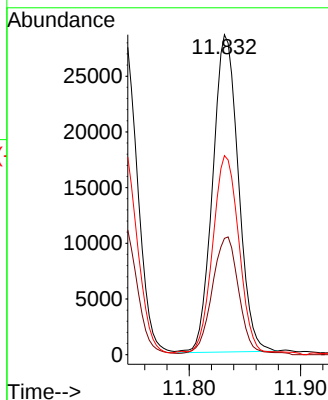
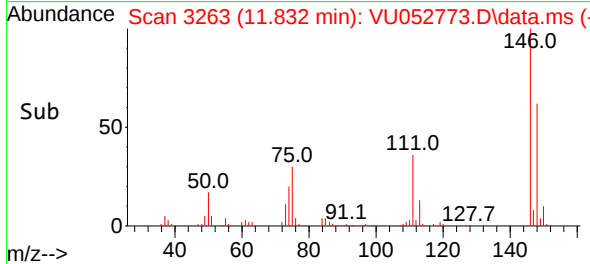
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



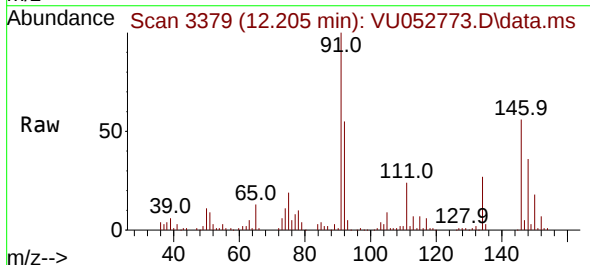
Tgt Ion:146 Resp: 4557
Ion Ratio Lower Upper
146 100
111 39.0 29.5 44.3
148 65.9 51.4 77.0

Manual Integrations
APPROVED

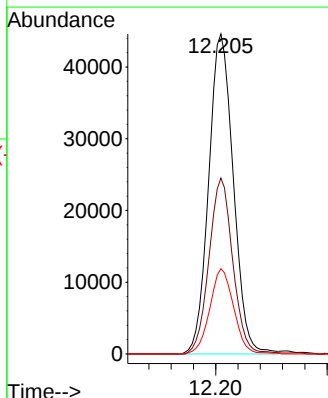
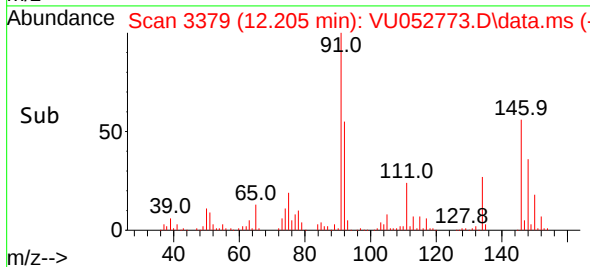
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023

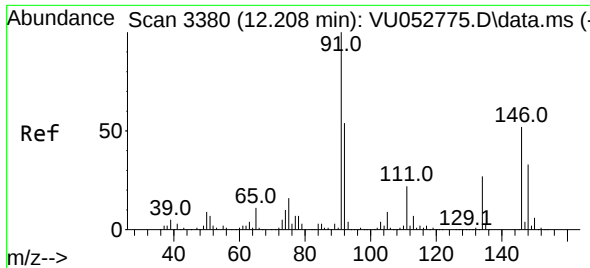


#84
n-Butylbenzene
Concen: 1.553 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22



Tgt Ion: 91 Resp: 68474
Ion Ratio Lower Upper
91 100
92 53.1 43.4 65.0
134 25.8 21.2 31.8





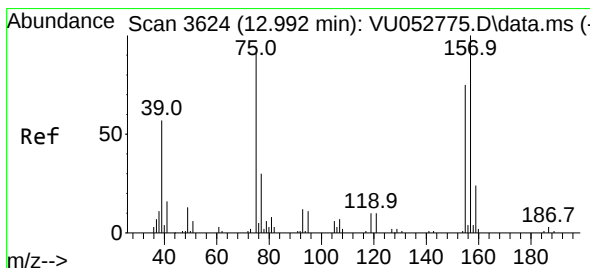
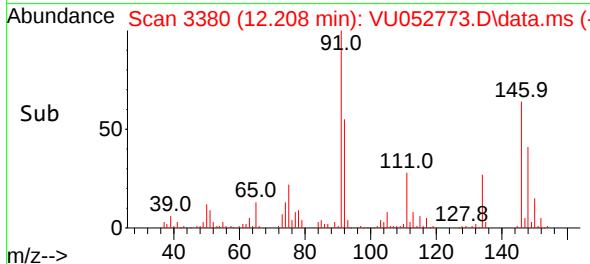
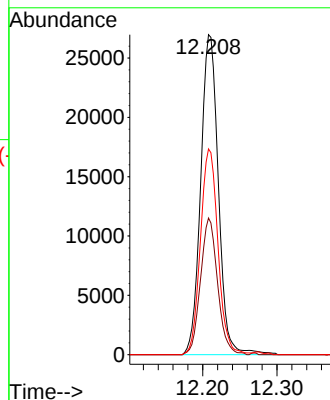
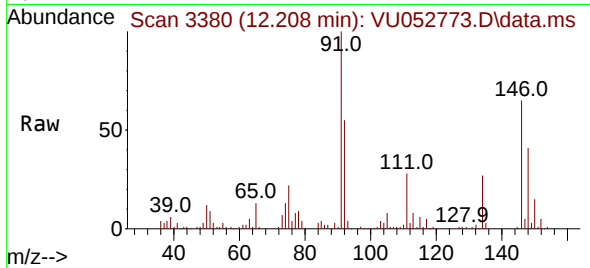
#85
1,2-Dichlorobenzene
Concen: 1.603 ug/l
RT: 12.208 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 4463
Ion Ratio Lower Upper
146 100
111 41.2 20.8 62.5
148 63.8 31.4 94.2

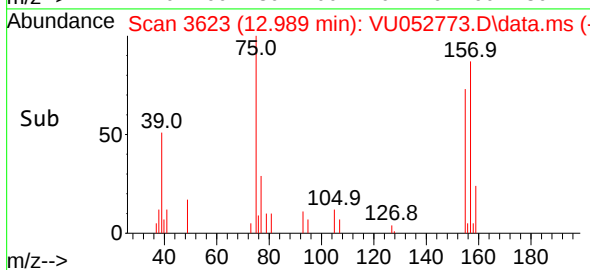
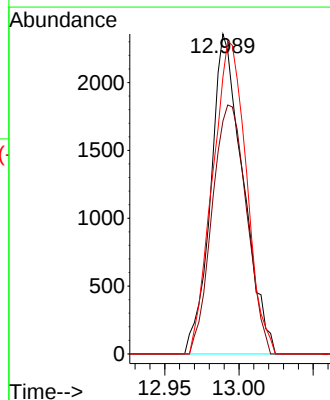
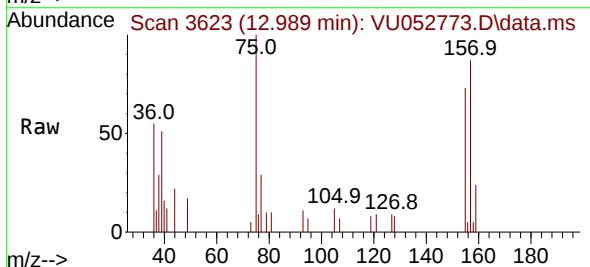
Manual Integrations
APPROVED

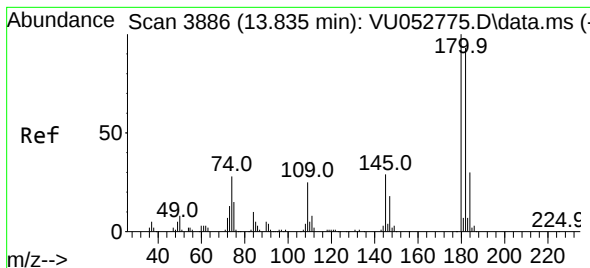
Reviewed By :Krupa Patel 01/24/2023
Supervised By :Mahesh Dadoda 01/24/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.852 ug/l
RT: 12.989 min Scan# 3623
Delta R.T. -0.003 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

Tgt Ion: 75 Resp: 3557
Ion Ratio Lower Upper
75 100
155 83.2 66.0 99.0
157 102.6 85.9 128.9





#87

1,2,4-Trichlorobenzene

Concen: 1.241 ug/l

RT: 13.835 min Scan# 3886

Delta R.T. -0.000 min

Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

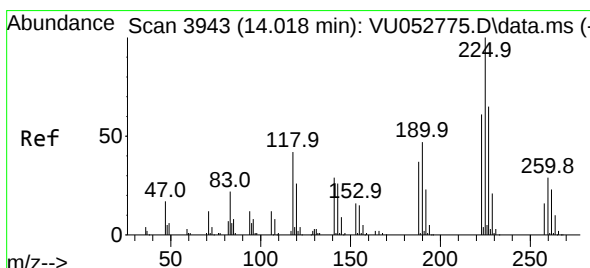
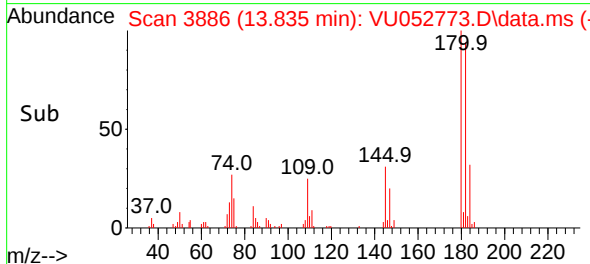
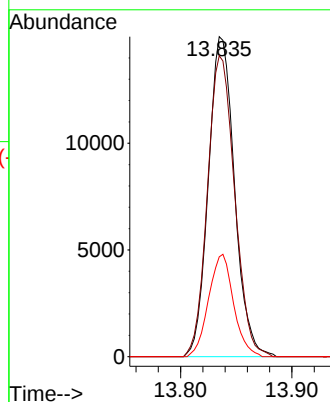
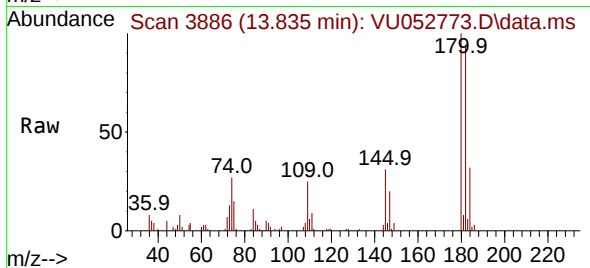
Tgt Ion:180	Resp:	2445
Ion Ratio	Lower	Upper
180	100	
182	97.5	74.6 112.0
145	30.6	23.4 35.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 01/24/2023

Supervised By :Mahesh Dadoda 01/24/2023



#88

Hexachlorobutadiene

Concen: 1.538 ug/l

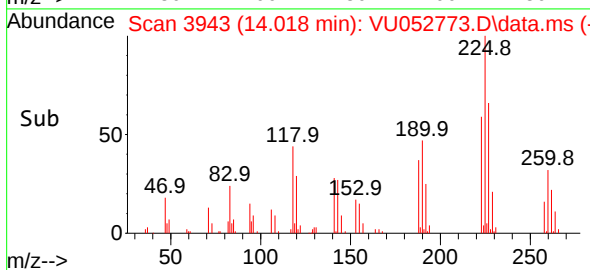
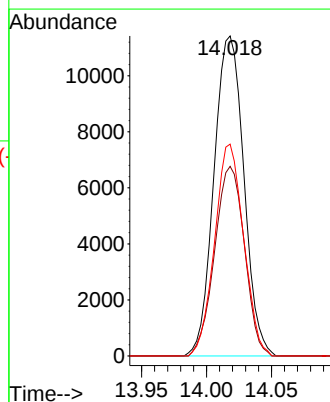
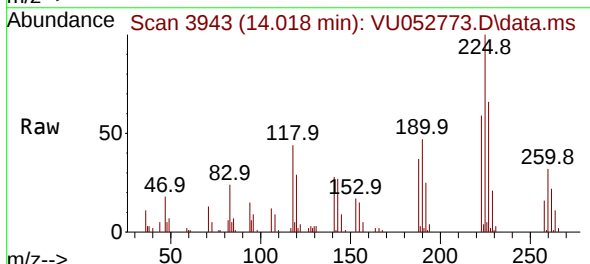
RT: 14.018 min Scan# 3943

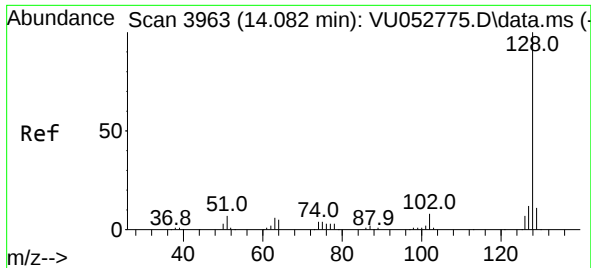
Delta R.T. -0.000 min

Lab File: VU052773.D

Acq: 23 Jan 2023 12:22

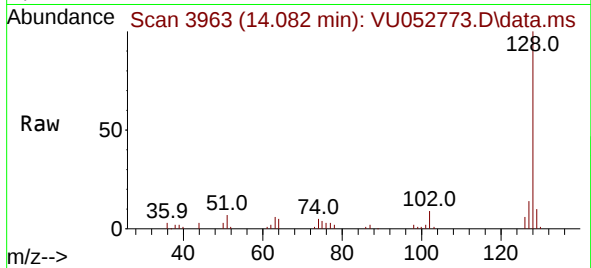
Tgt Ion:225	Resp:	18263
Ion Ratio	Lower	Upper
225	100	
223	59.0	49.8 74.6
227	64.0	51.5 77.3





#89
Naphthalene
Concen: 1.516 ug/l
RT: 14.082 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22

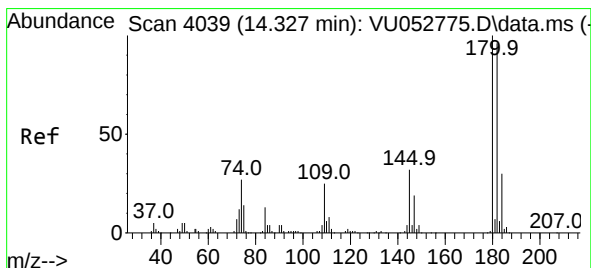
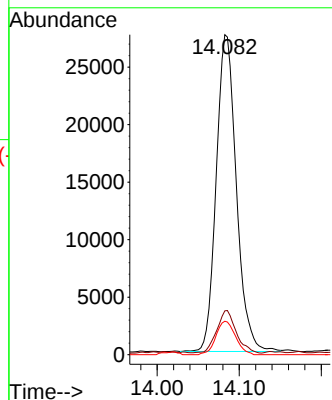
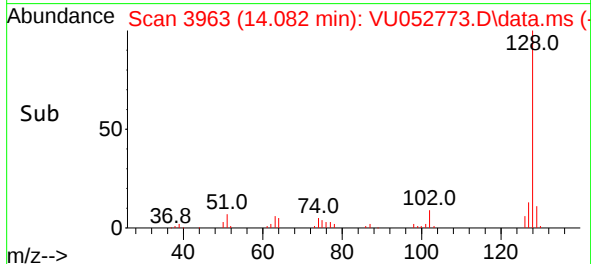
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC002



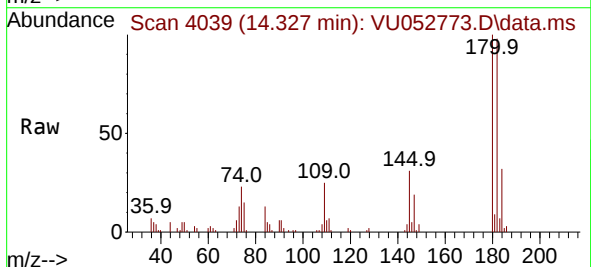
Tgt Ion:128 Resp: 46960
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.2 8.6 12.8

Manual Integrations
APPROVED

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



#90
1,2,3-Trichlorobenzene
Concen: 1.258 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU052773.D
Acq: 23 Jan 2023 12:22



Tgt Ion:180 Resp: 23067
Ion Ratio Lower Upper
180 100
182 100.2 77.8 116.6
145 32.4 25.2 37.8

