

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042123\
 Data File : VU053828.D
 Acq On : 21 Apr 2023 16:42
 Operator : JC/MD
 Sample : VU0421WBSD02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0421WBSD02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

Quant Time: Apr 22 03:20:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Apr 21 09:18:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.112	96	32491	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	12350	0.969	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
68) 1,2-Dichlorobenzene-d4	12.188	152	13903	0.918	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	19029	1.932	ug/l	99
3) Chloromethane	1.520	50	16850	1.900	ug/l	95
4) Vinyl Chloride	1.604	62	19613	1.913	ug/l	95
5) Bromomethane	1.858	94	14329	1.857	ug/l	97
6) Chloroethane	1.935	64	13487	2.054	ug/l	99
7) Trichlorofluoromethane	2.137	101	33752	1.959	ug/l	95
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	21339	1.903	ug/l	96
9) 1,1-Dichloroethene	2.581	96	15817	1.723	ug/l	82
10) Iodomethane	2.723	142	16994	1.700	ug/l	96
11) Allyl Chloride	2.922	41	17377	1.594	ug/l	91
12) Acrylonitrile	3.330	53	7048	3.073	ug/l	# 92
13) Acetone	2.645	43	17394	5.425	ug/l	91
14) Carbon Disulfide	2.793	76	24278	1.610	ug/l	98
15) Methylene Chloride	3.044	84	25197	1.873	ug/l	88
16) trans-1,2-Dichloroethene	3.353	96	16942	1.707	ug/l	86
17) 1,1-Dichloroethane	3.867	63	34337	1.677	ug/l	99
18) 2-Butanone	4.716	43	21704	5.222	ug/l	99
19) Cyclohexane	5.385	56	21701m	1.532	ug/l	
20) Methylcyclohexane	6.758	83	24539	1.931	ug/l	92
21) 2,2-Dichloropropane	4.661	77	31323	1.683	ug/l	98
22) cis-1,2-Dichloroethene	4.665	96	21049	1.695	ug/l	94
23) Diethyl Ether	2.375	59	12967	1.916	ug/l	90
24) tert-Butyl Alcohol	3.243	59	15707m	17.043	ug/l	
25) Methyl tert-Butyl Ether	3.362	73	41703	1.628	ug/l	100
26) Bromochloromethane	4.973	128	9689	1.764	ug/l	85
27) Chloroform	5.083	83	39874	1.803	ug/l	100
28) 1,1,1-Trichloroethane	5.314	97	33479	1.827	ug/l	95
29) 1,1-Dichloropropene	5.523	75	23237	1.992	ug/l	99
30) Carbon Tetrachloride	5.520	117	25872	1.973	ug/l	91
31) Isopropyl Ether	3.989	45	47715	1.611	ug/l	100
32) Ethyl-t-butyl ether	4.497	59	48407	1.616	ug/l	93
33) Tert-Amyl methyl ether	5.938	73	44372	2.027	ug/l	97
34) Propionitrile	4.800	54	6225	6.698	ug/l	# 9
35) Benzene	5.771	78	75521	2.102	ug/l	98
36) 1,2-Dichloroethane	5.790	62	22620	2.004	ug/l	98
37) Trichloroethene	6.542	130	21162	2.075	ug/l	91
38) 1,2-Dichloropropane	6.787	63	21502	2.103	ug/l	95
39) Methacrylonitrile	4.970	41	4958	1.337	ug/l	98
40) Methyl acrylate	4.854	55	9160	1.496	ug/l	# 92
41) Tetrahydrofuran	5.070	42	4959	2.698	ug/l	# 83
42) 1-Chlorobutane	5.456	56	30526	1.917	ug/l	94
43) Dibromomethane	6.912	93	10295	1.985	ug/l	97
44) Bromodichloromethane	7.102	83	25935	1.984	ug/l	94

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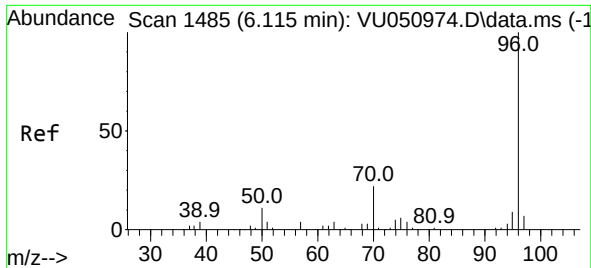
Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

Quant Time: Apr 22 03:20:16 2023
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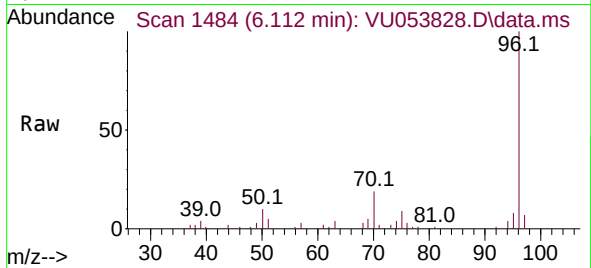
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.790	43	47454	8.996	ug/l	# 93
46) t-1,4-Dichloro-2-butene	10.832	75	8186m	3.737	ug/l	
47) Methyl methacrylate	6.957	69	16217	3.560	ug/l	95
48) Ethyl methacrylate	8.330	69	15933	1.784	ug/l	94
49) Toluene	7.967	92	46752	2.065	ug/l	98
50) t-1,3-Dichloropropene	8.208	75	23800	2.026	ug/l	91
51) cis-1,3-Dichloropropene	7.607	75	28251	2.014	ug/l	97
52) 1,1,2-Trichloroethane	8.394	97	16680	2.027	ug/l	95
53) 1,3-Dichloropropane	8.571	76	26097	2.025	ug/l	99
54) 2-Hexanone	8.681	43	33635	6.799	ug/l	95
55) Dibromochloromethane	8.806	129	16942	1.958	ug/l	96
56) 1,2-Dibromoethane	8.918	107	14183	1.998	ug/l	96
58) Tetrachloroethene	8.549	164	19459	1.973	ug/l	94
59) Chlorobenzene	9.443	112	57293	2.034	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.529	131	20539	2.022	ug/l	93
61) Pentachloroethane	11.420	117	14932	1.906	ug/l	93
62) Hexachloroethane	12.471	117	14412	1.885	ug/l	95
63) Ethyl Benzene	9.565	91	87888	1.976	ug/l	96
64) m/p-Xylenes	9.690	106	70773	4.039	ug/l	93
65) o-Xylene	10.095	106	36823	2.084	ug/l	89
66) Styrene	10.111	104	54664	1.946	ug/l	99
67) Bromoform	10.285	173	9109	2.025	ug/l	# 91
69) Isopropylbenzene	10.481	105	92943	2.013	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.777	83	20023	1.890	ug/l	97
71) 1,2,3-Trichloropropane	10.822	75	9701m	1.269	ug/l	
72) Bromobenzene	10.780	156	22887	1.932	ug/l	90
73) n-propylbenzene	10.902	120	29167	2.277	ug/l	88
74) 2-Chlorotoluene	10.983	126	24023	1.984	ug/l	88
75) 1,3,5-Trimethylbenzene	11.082	105	78777	1.956	ug/l	99
76) 4-Chlorotoluene	11.092	126	24904	2.018	ug/l	84
77) tert-Butylbenzene	11.417	119	78383	1.934	ug/l	97
78) 1,2,4-Trimethylbenzene	11.465	105	79379	1.931	ug/l	99
79) sec-Butylbenzene	11.639	105	106186	1.949	ug/l	96
80) Nitrobenzene	13.208	77	2413	7.189	ug/l	# 41
81) p-Isopropyltoluene	11.790	119	85167	1.908	ug/l	98
82) 1,3-Dichlorobenzene	11.742	146	48323	1.908	ug/l	99
83) 1,4-Dichlorobenzene	11.832	146	48500	1.921	ug/l	97
84) n-Butylbenzene	12.205	91	77527	2.021	ug/l	98
85) 1,2-Dichlorobenzene	12.208	146	46270	1.869	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.992	75	2457	1.647	ug/l	85
87) 1,2,4-Trichlorobenzene	13.838	180	27966	1.709	ug/l	98
88) Hexachlorobutadiene	14.018	225	15341	1.757	ug/l	97
89) Naphthalene	14.085	128	43950	1.532	ug/l	97
90) 1,2,3-Trichlorobenzene	14.327	180	23288	1.497	ug/l	98

(#) = 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. 0.004 min
Lab File: VU053828.D
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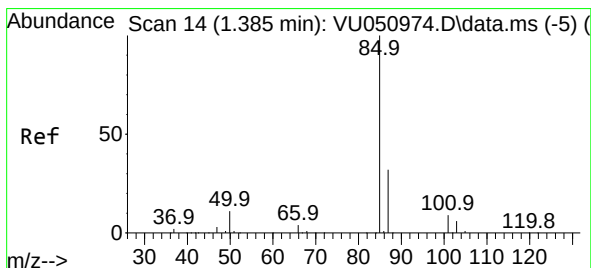
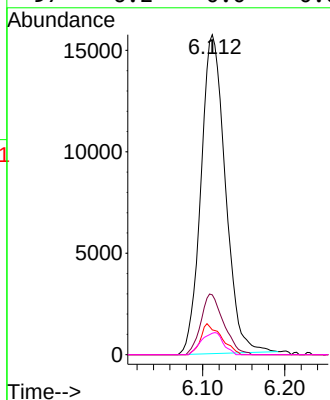
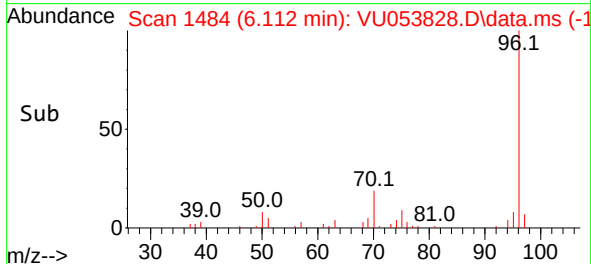
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBSD02



Tgt Ion: 96	Resp: 3249
Ion Ratio	Lower Upper
96 100	
70 17.7	16.5 24.7
95 8.2	7.4 11.0
97 6.2	0.0 0.0

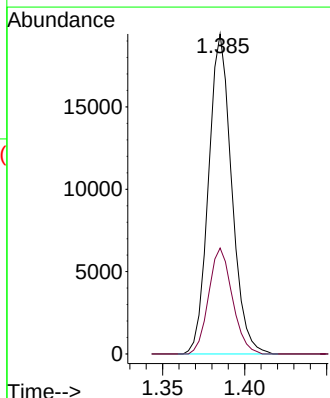
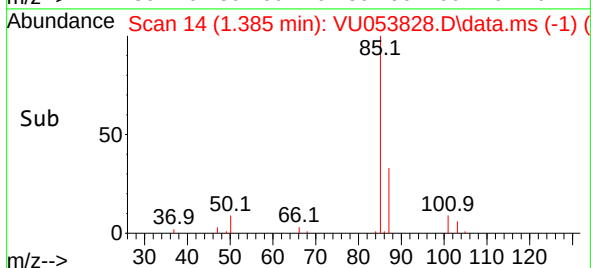
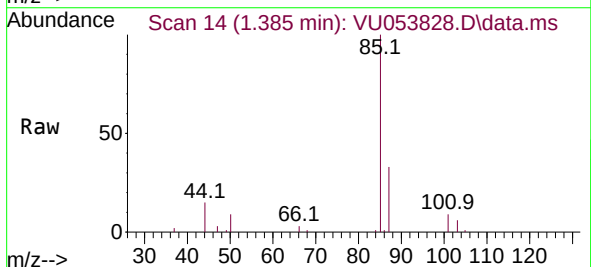
Manual Integrations
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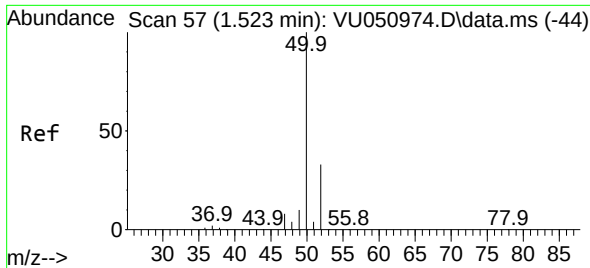
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#2
Dichlorodifluoromethane
Concen: 1.932 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

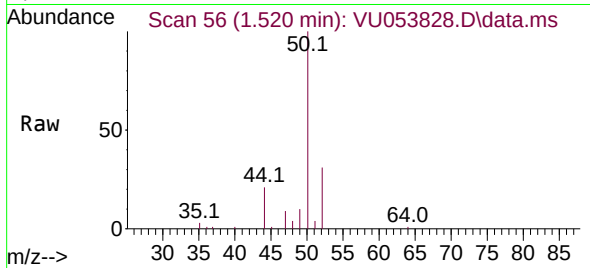
Tgt Ion: 85	Resp: 19029
Ion Ratio	Lower Upper
85 100	
87 33.1	16.2 48.6





#3
Chloromethane
Concen: 1.900 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

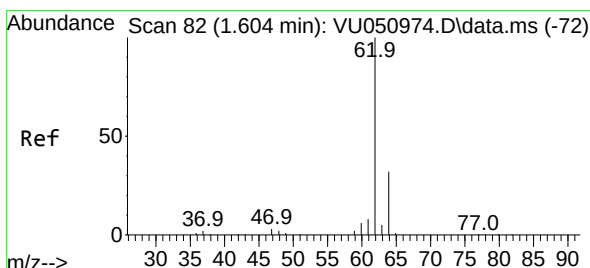
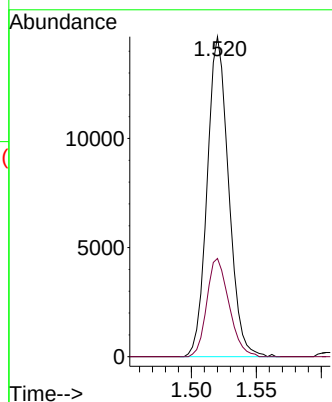
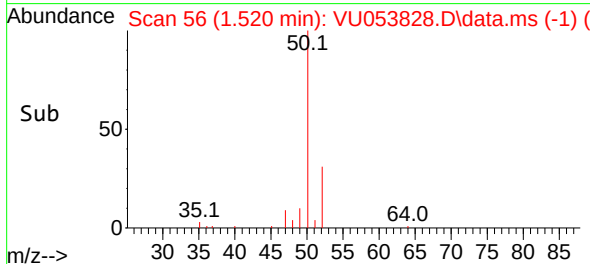
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBSD02



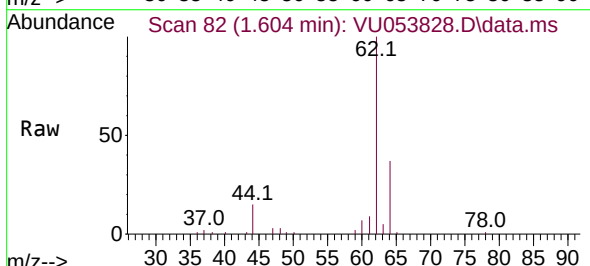
Tgt Ion: 50 Resp: 16850
Ion Ratio Lower Upper
50 100
52 30.7 26.6 40.0

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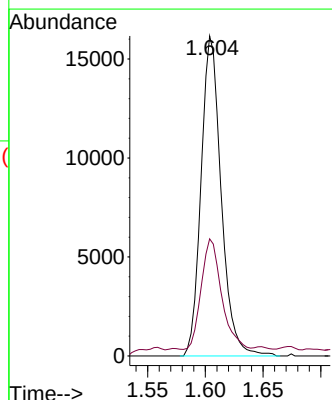
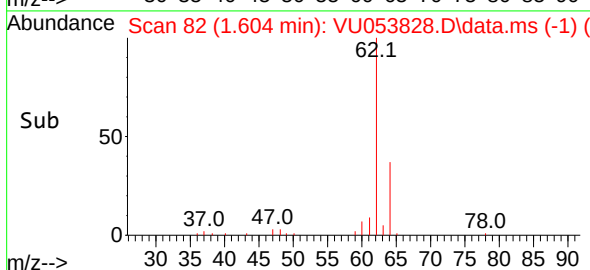
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

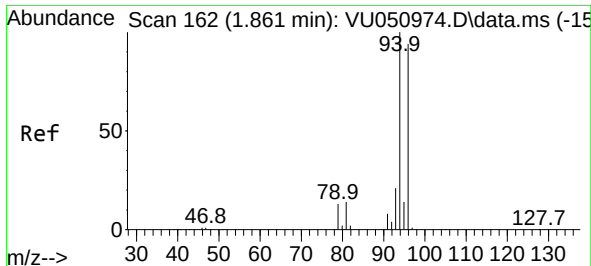


#4
Vinyl Chloride
Concen: 1.913 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42



Tgt Ion: 62 Resp: 19613
Ion Ratio Lower Upper
62 100
64 34.5 25.4 38.2





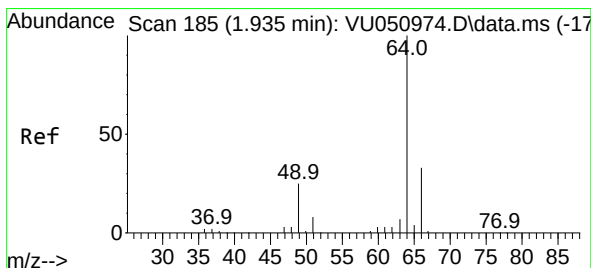
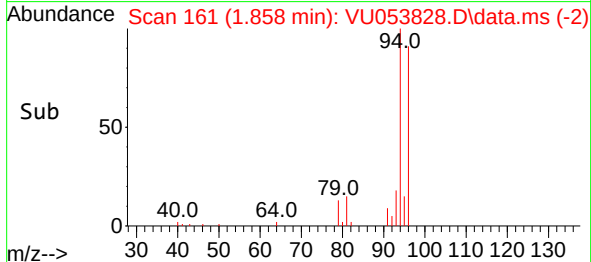
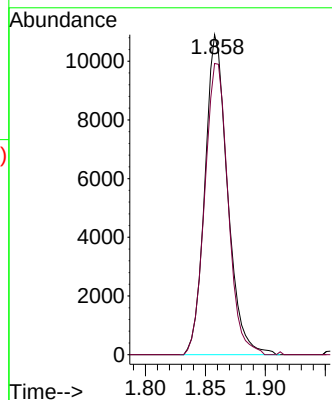
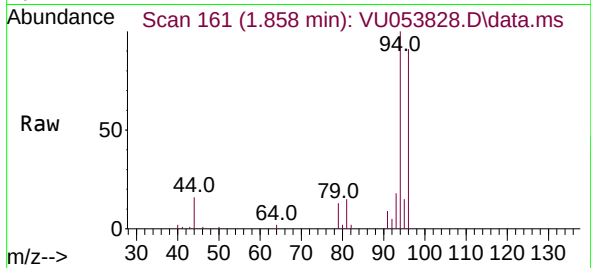
#5
Bromomethane
Concen: 1.857 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.013 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

Instrument :
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ClientSampleId :
VU0421WBSD02

Tgt Ion: 94 Resp: 14329
Ion Ratio Lower Upper
94 100
96 91.0 75.4 113.2

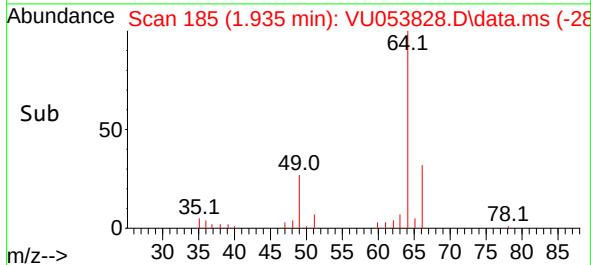
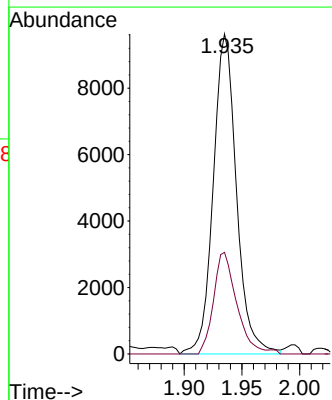
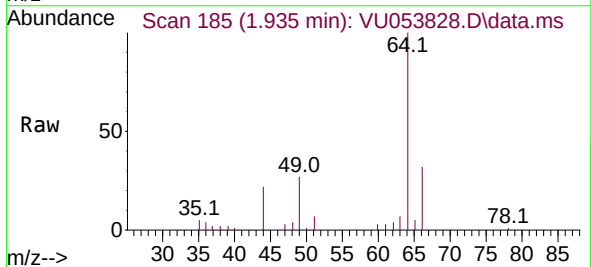
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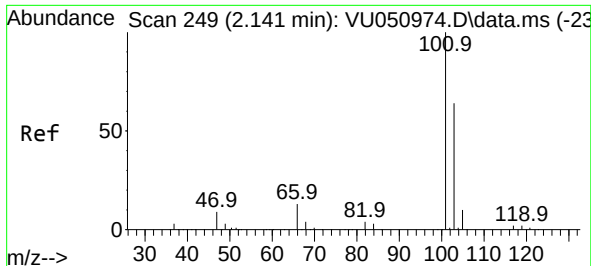
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#6
Chloroethane
Concen: 2.054 ug/l
RT: 1.935 min Scan# 185
Delta R.T. 0.006 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

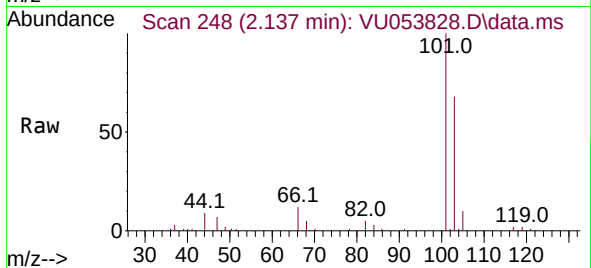
Tgt Ion: 64 Resp: 13487
Ion Ratio Lower Upper
64 100
66 31.8 26.0 39.0





#7
Trichlorofluoromethane
Concen: 1.959 ug/l
RT: 2.137 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

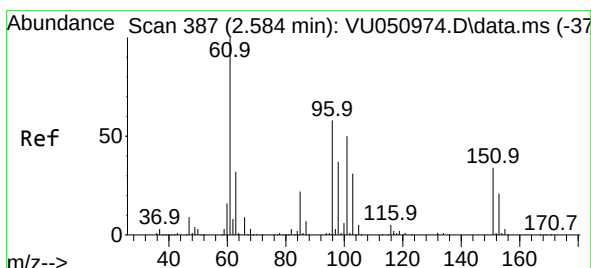
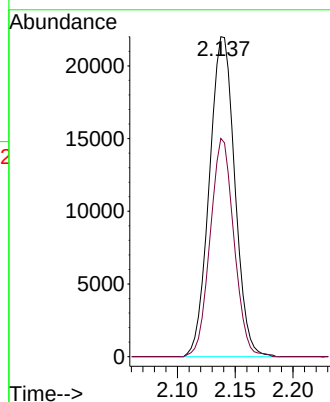
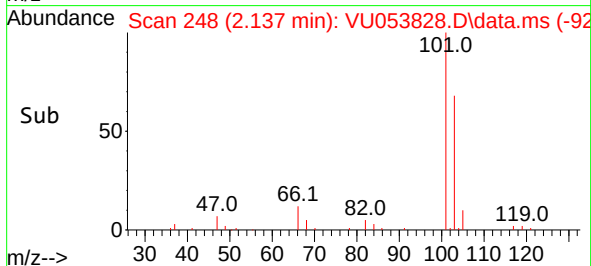
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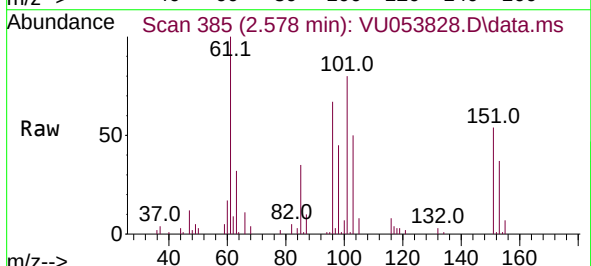
Tgt Ion:101 Resp: 33752
Ion Ratio Lower Upper
101 100
103 68.2 51.4 77.0

Manual Integrations
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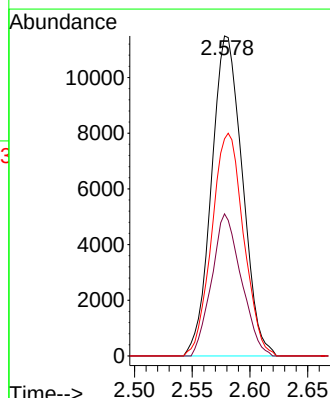
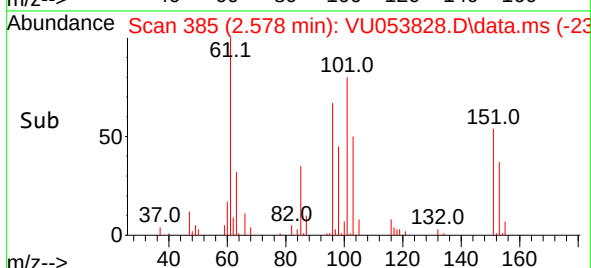
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

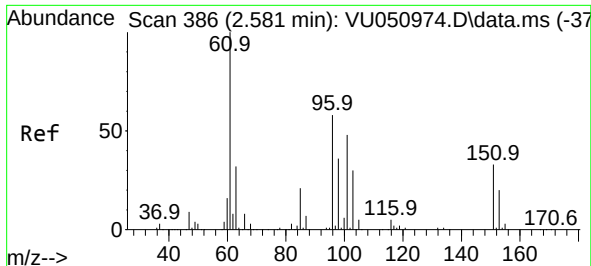


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.903 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42



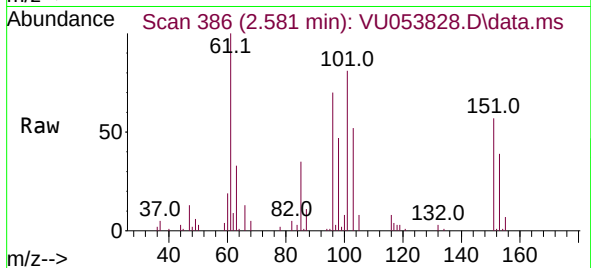
Tgt Ion:101 Resp: 21339
Ion Ratio Lower Upper
101 100
85 42.5 35.4 53.0
151 71.7 54.0 81.0





#9
1,1-Dichloroethene
Concen: 1.723 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

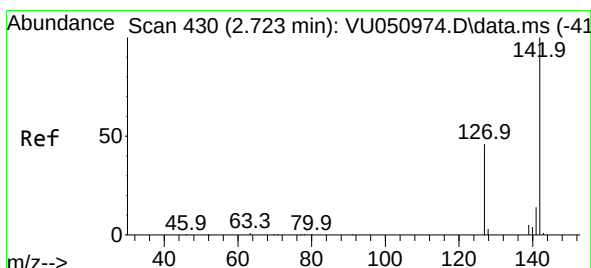
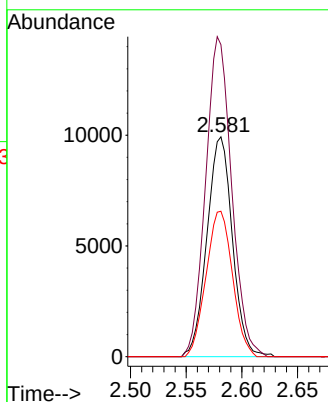
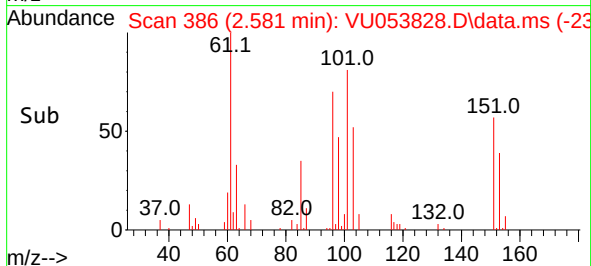
Instrument :
MSVOA_U
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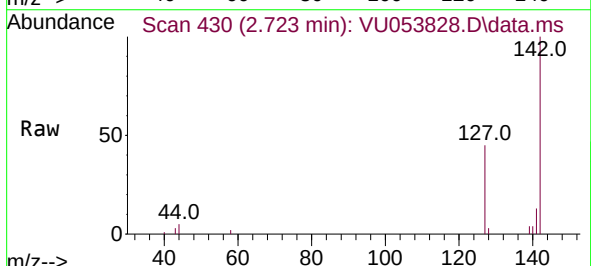
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Ion Ratio Lower Upper
96 100
61 141.9 0.0 521.4
98 66.2 0.0 125.8

Manual Integrations
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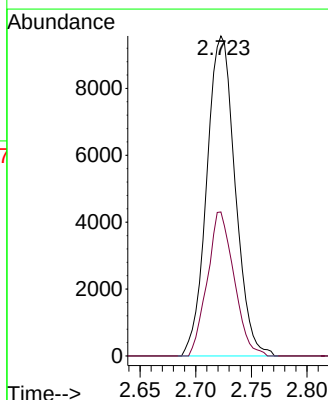
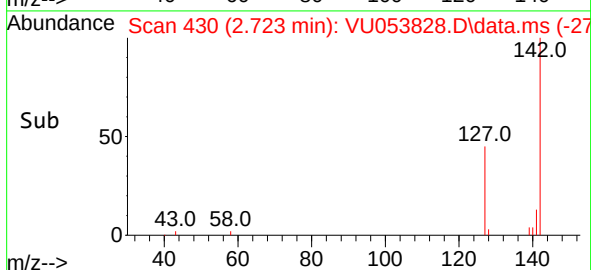
Reviewed By :Krupa Patel 04/28/2023
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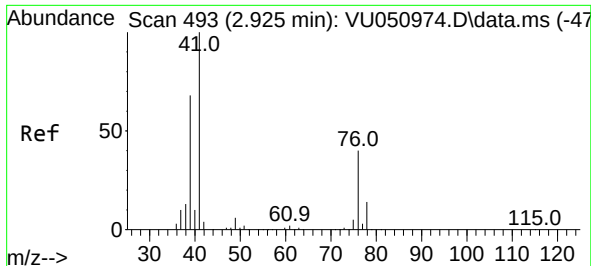


#10
Iodomethane
Concen: 1.700 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.003 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42



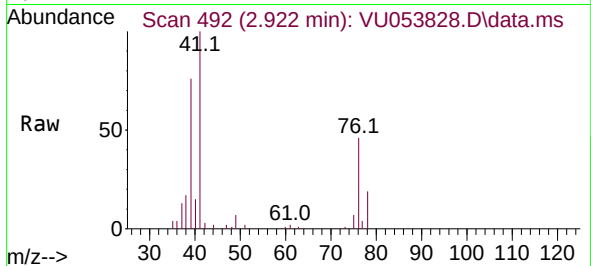
Tgt Ion:142 Resp: 16994
Ion Ratio Lower Upper
142 100
127 42.2 35.9 53.9





#11
 Allyl Chloride
 Concen: 1.594 ug/l
 RT: 2.922 min Scan# 493
 Delta R.T. 0.003 min
 Lab File: VU053828.D
 Acq: 21 Apr 2023 16:42

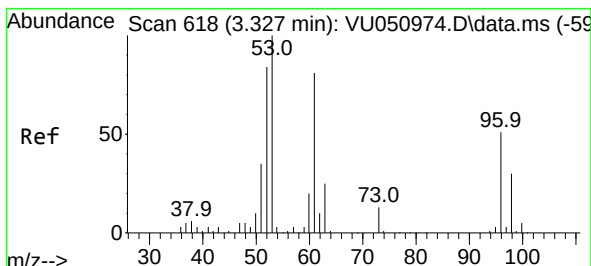
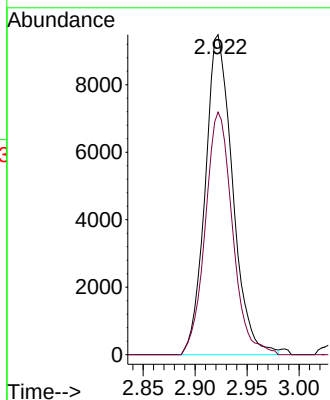
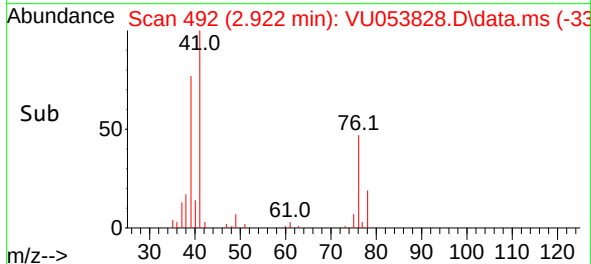
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0421WBSD02



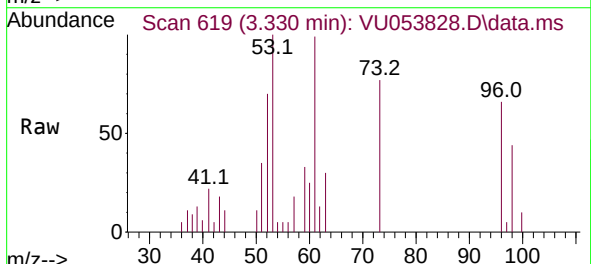
Tgt Ion: 41 Resp: 1737
 Ion Ratio Lower Upper
 41 100
 39 75.3 54.2 81.2

Manual Integrations
 APPROVED

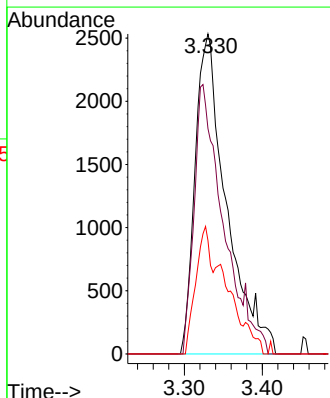
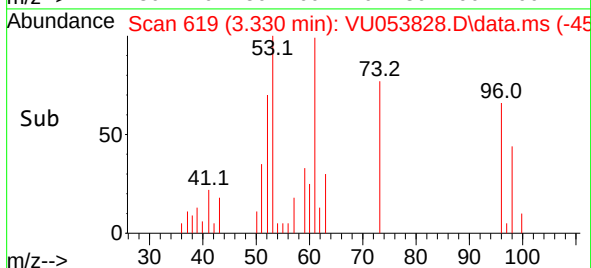
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

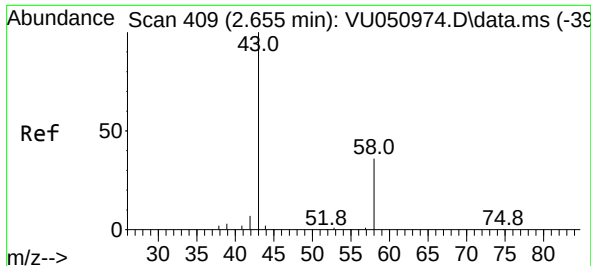


#12
 Acrylonitrile
 Concen: 3.073 ug/l
 RT: 3.330 min Scan# 619
 Delta R.T. 0.022 min
 Lab File: VU053828.D
 Acq: 21 Apr 2023 16:42



Tgt Ion: 53 Resp: 7048
 Ion Ratio Lower Upper
 53 100
 52 79.1 62.9 94.3
 51 19.8 27.8 41.6#





#13

Acetone

Concen: 5.425 ug/l

RT: 2.645 min Scan# 409

Delta R.T. 0.026 min

Lab File: VU053828.D

Acq: 21 Apr 2023 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBSD02

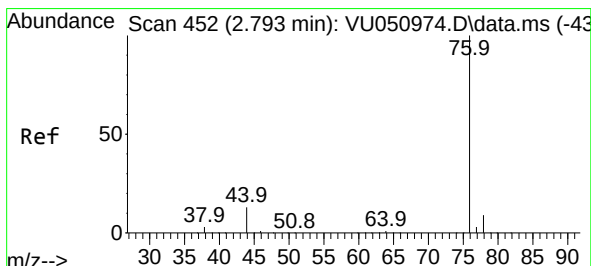
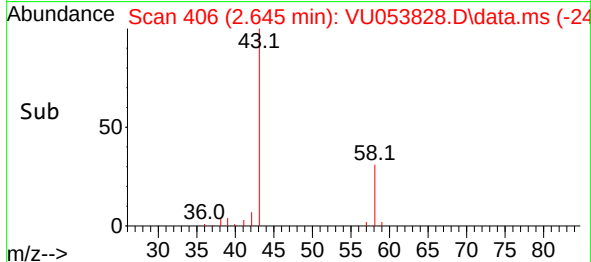
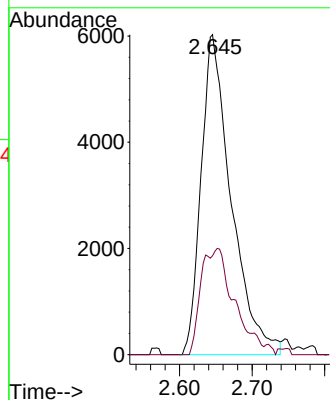
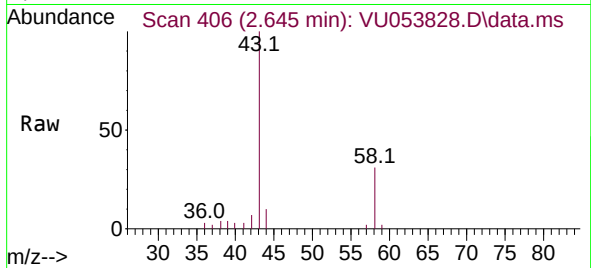
Tgt Ion: 43 Resp: 17394
 Ion Ratio Lower Upper
 43 100
 58 30.9 29.0 43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#14

Carbon Disulfide

Concen: 1.610 ug/l

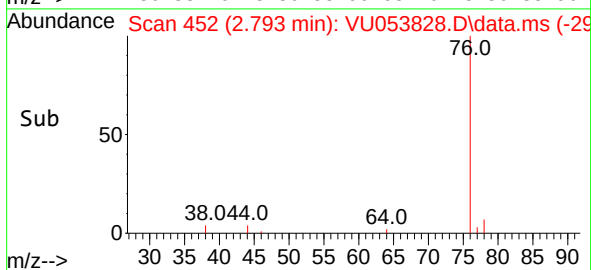
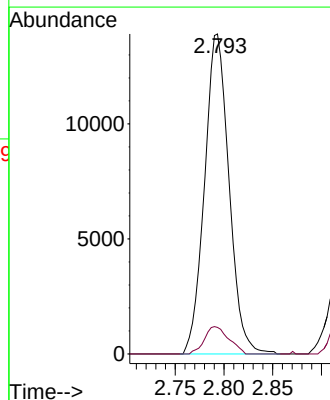
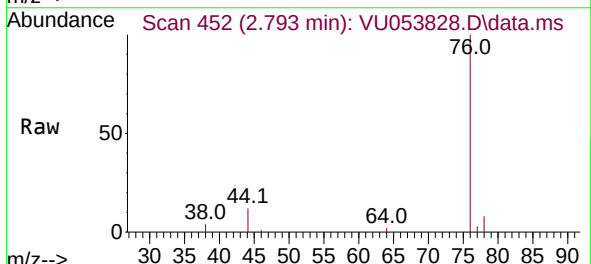
RT: 2.793 min Scan# 452

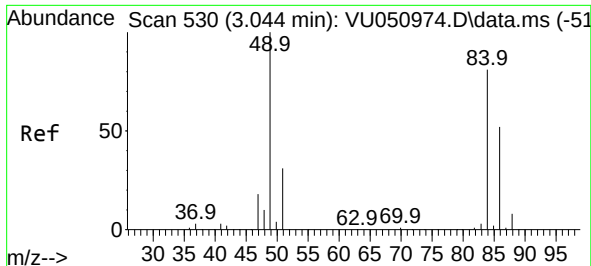
Delta R.T. 0.006 min

Lab File: VU053828.D

Acq: 21 Apr 2023 16:42

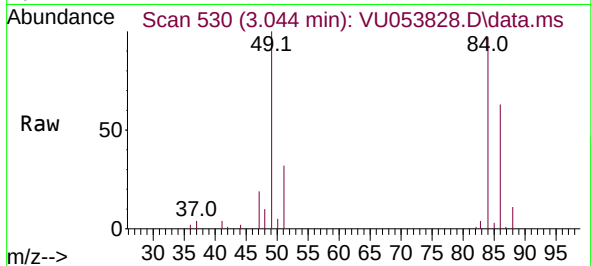
Tgt Ion: 76 Resp: 24278
 Ion Ratio Lower Upper
 76 100
 78 8.3 7.4 11.0





#15
Methylene Chloride
Concen: 1.873 ug/l
RT: 3.044 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

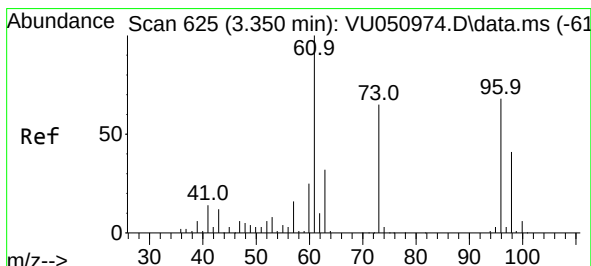
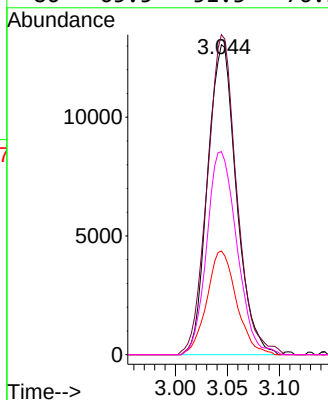
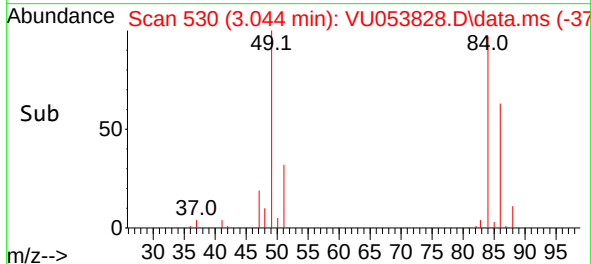
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBSD02



Tgt Ion:	84	Resp:	2519
Ion	Ratio	Lower	Upper
84	100		
49	103.3	98.9	148.3
51	33.4	0.0	75.4
86	65.5	51.3	76.9

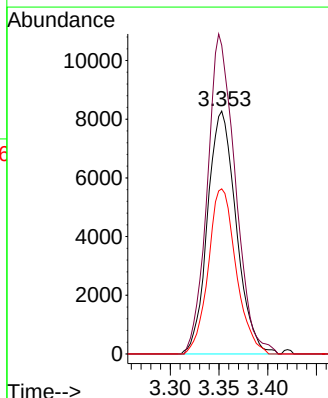
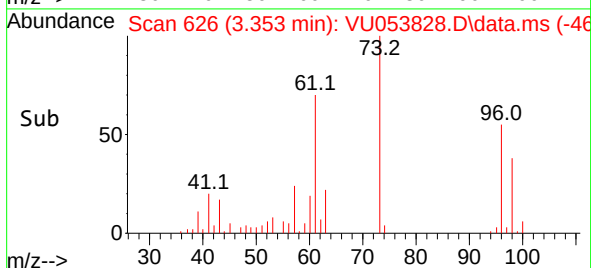
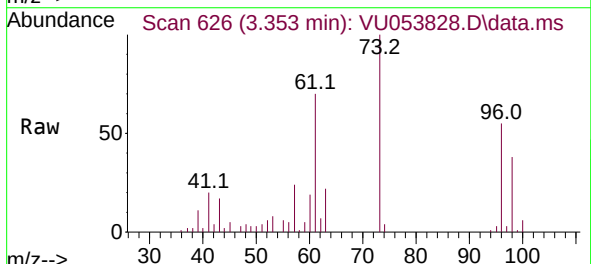
Manual Integrations
APPROVED

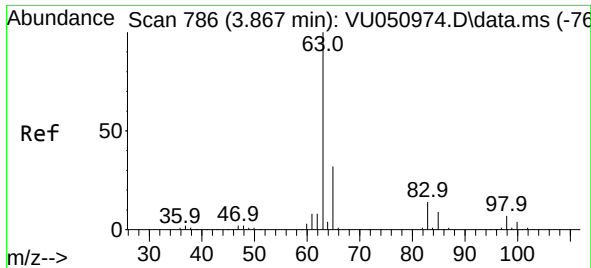
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#16
trans-1,2-Dichloroethene
Concen: 1.707 ug/l
RT: 3.353 min Scan# 626
Delta R.T. 0.006 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

Tgt Ion:	96	Resp:	16942
Ion	Ratio	Lower	Upper
96	100		
61	127.1	117.5	176.3
98	68.0	48.3	72.5





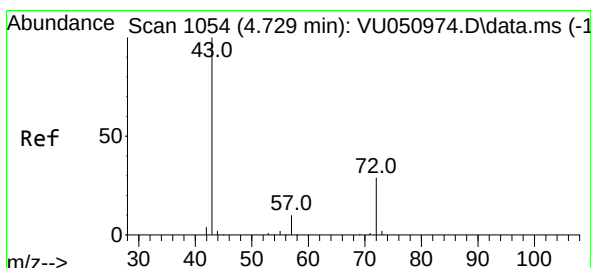
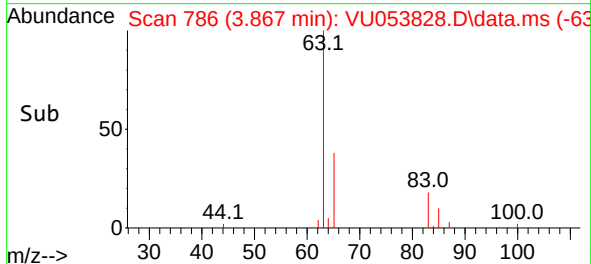
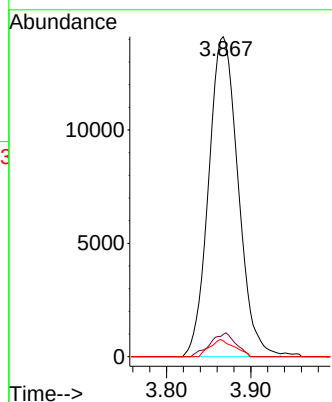
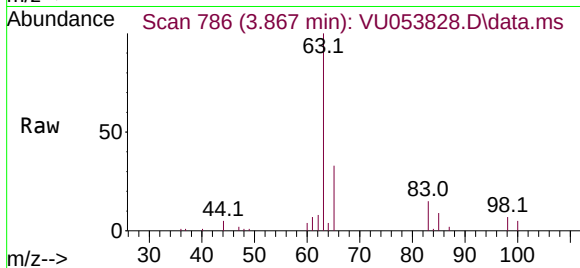
#17
1,1-Dichloroethane
Concen: 1.677 ug/l
RT: 3.867 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

Instrument :
MSVOA_U
ClientSampleId :
VU0421WBSD02

Tgt Ion: 63 Resp: 3433
Ion Ratio Lower Upper
63 100
98 6.9 3.4 10.1
100 4.9 2.2 6.6

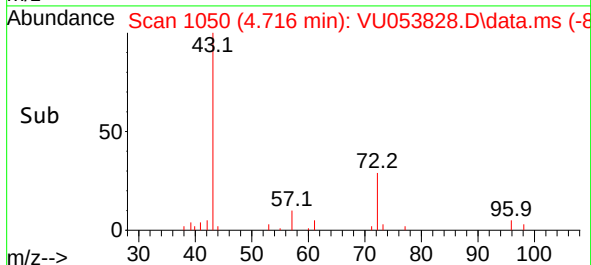
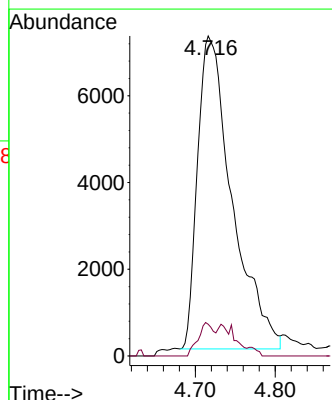
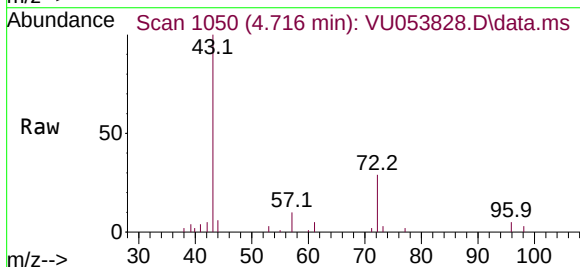
Manual Integrations
APPROVED

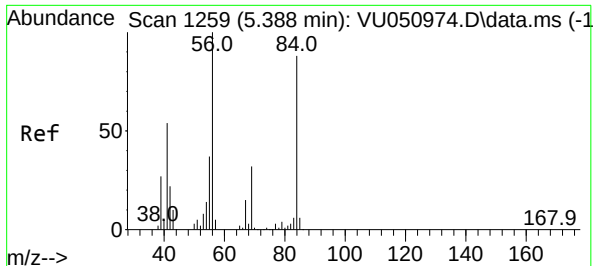
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#18
2-Butanone
Concen: 5.222 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

Tgt Ion: 43 Resp: 21704
Ion Ratio Lower Upper
43 100
57 10.1 0.0 19.6





#19

Cyclohexane

Concen: 1.532 ug/l m

RT: 5.385 min Scan# 1258

Delta R.T. 0.010 min

Lab File: VU053828.D

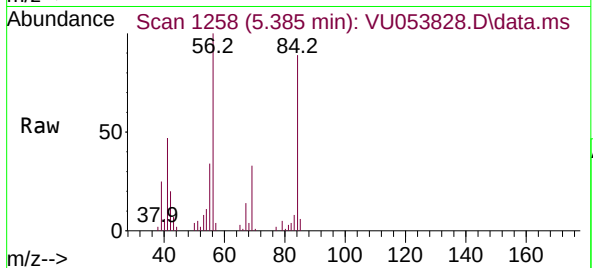
Acq: 21 Apr 2023 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBSD02



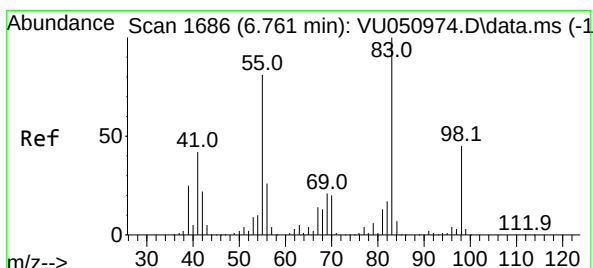
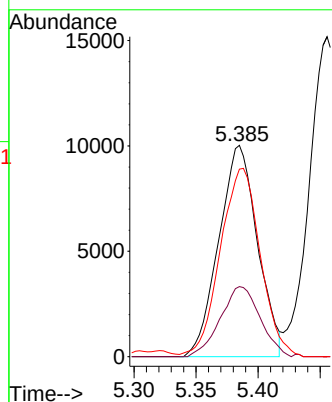
Tgt Ion:	56	Resp:	2170
Ion Ratio	100	Lower	Upper
56	100		
69	34.1	24.6	37.0
84	90.7	68.4	102.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#20

Methylcyclohexane

Concen: 1.931 ug/l

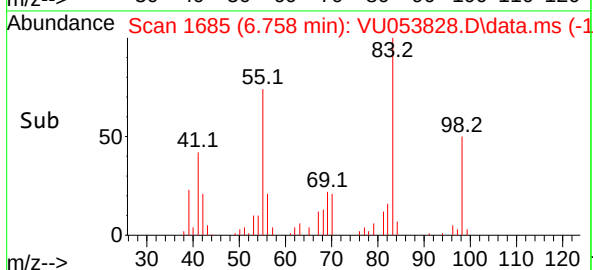
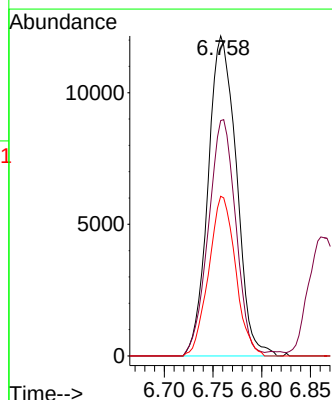
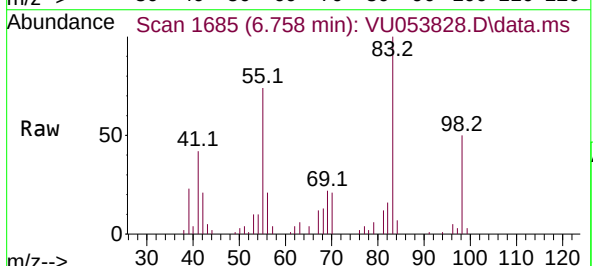
RT: 6.758 min Scan# 1685

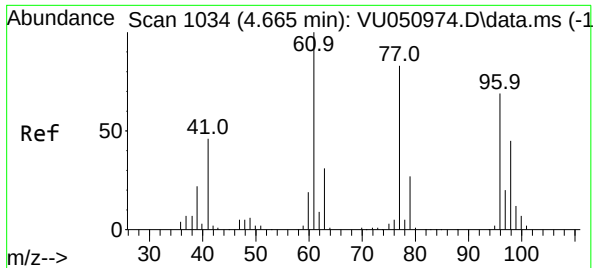
Delta R.T. 0.003 min

Lab File: VU053828.D

Acq: 21 Apr 2023 16:42

Tgt Ion:	83	Resp:	24539
Ion Ratio	100	Lower	Upper
83	100		
55	70.1	63.5	95.3
98	47.3	36.0	54.0





#21

2,2-Dichloropropane

Concen: 1.683 ug/l

RT: 4.661 min Scan# 1033

Delta R.T. 0.003 min

Lab File: VU053828.D

Acq: 21 Apr 2023 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBSD02

Tgt Ion: 77 Resp: 3132

Ion Ratio Lower Upper

77 100

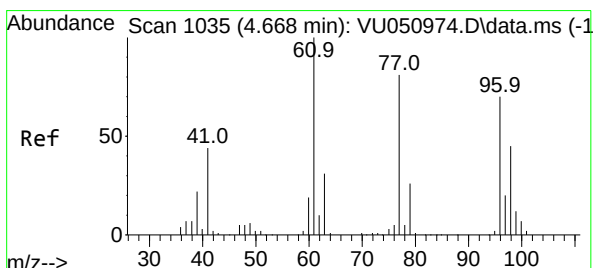
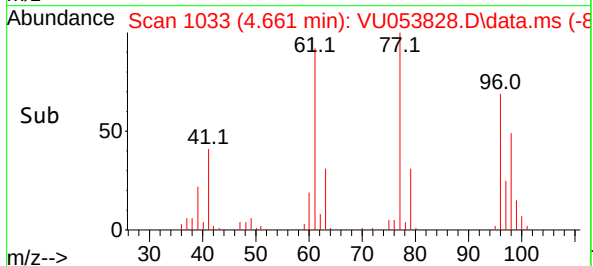
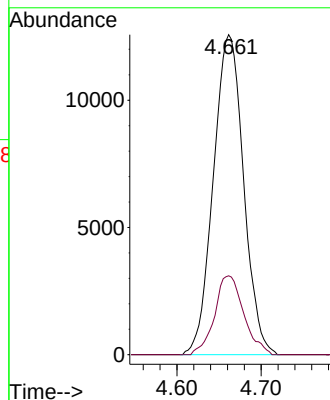
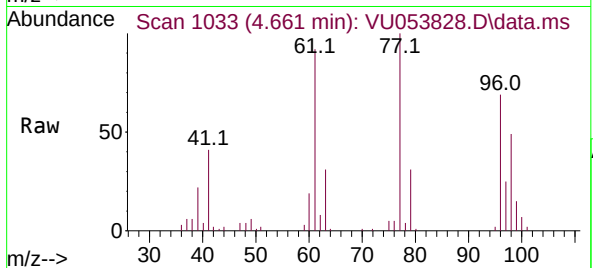
97 23.8 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#22

cis-1,2-Dichloroethene

Concen: 1.695 ug/l

RT: 4.665 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VU053828.D

Acq: 21 Apr 2023 16:42

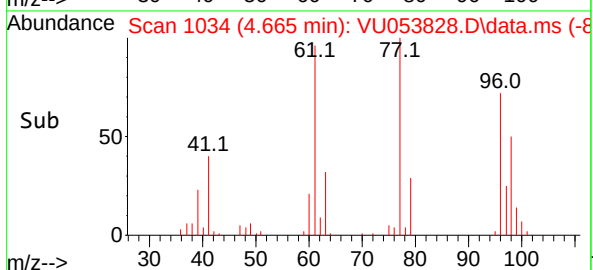
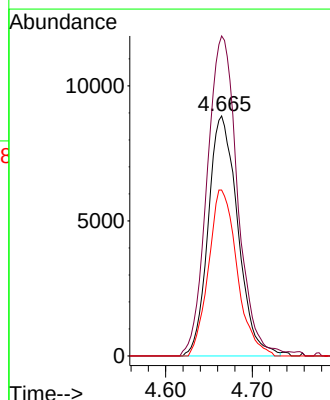
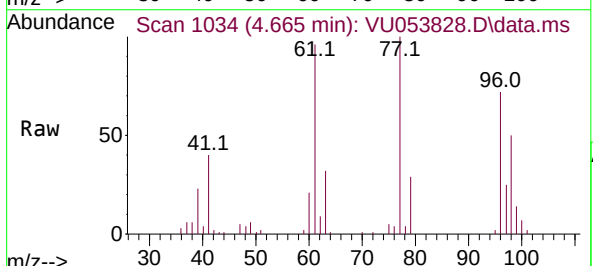
Tgt Ion: 96 Resp: 21049

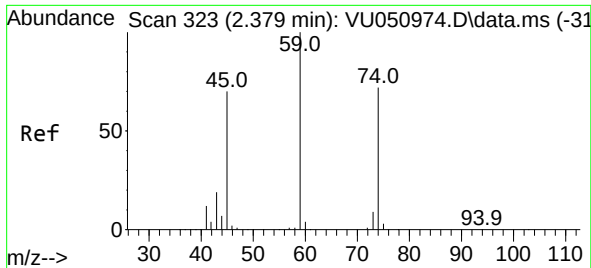
Ion Ratio Lower Upper

96 100

61 137.8 0.0 365.8

98 67.0 32.0 96.0





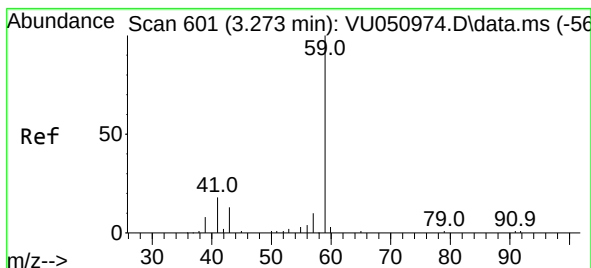
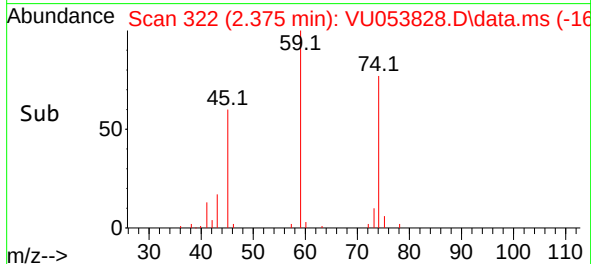
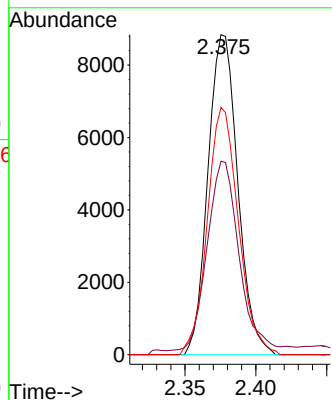
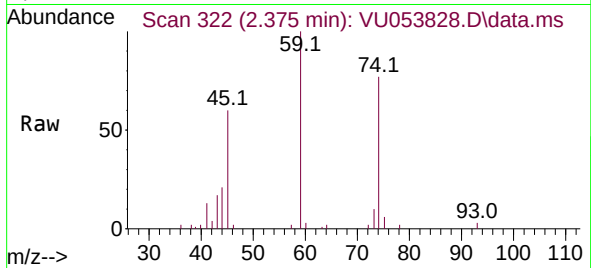
#23
Diethyl Ether
Concen: 1.916 ug/l
RT: 2.375 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

Instrument :
MSVOA_U
ClientSampleId :
VU0421WBSD02

Tgt Ion: 59 Resp: 1296
Ion Ratio Lower Upper
59 100
45 62.3 56.1 84.1
74 80.3 57.4 86.2

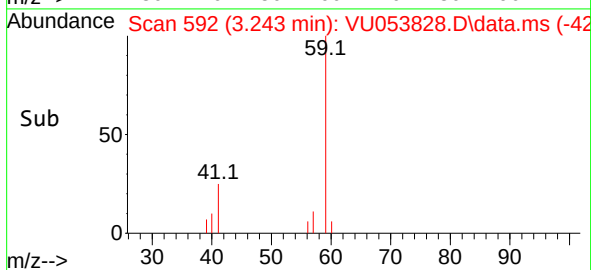
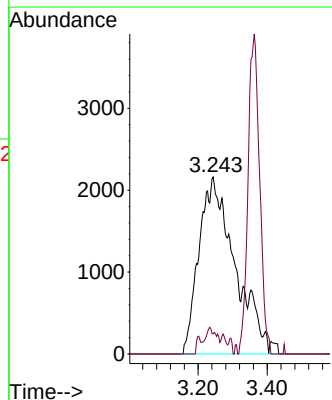
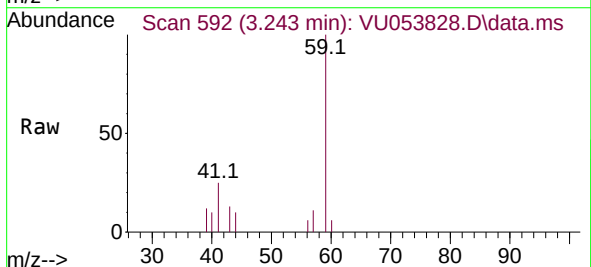
Manual Integrations
APPROVED

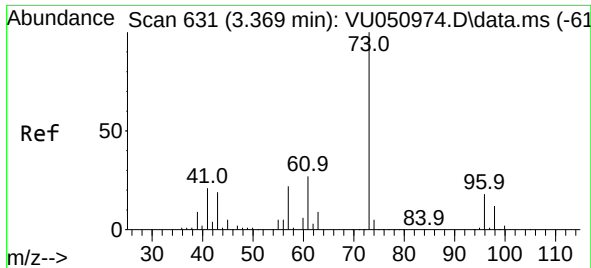
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#24
tert-Butyl Alcohol
Concen: 17.043 ug/l m
RT: 3.243 min Scan# 592
Delta R.T. 0.054 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

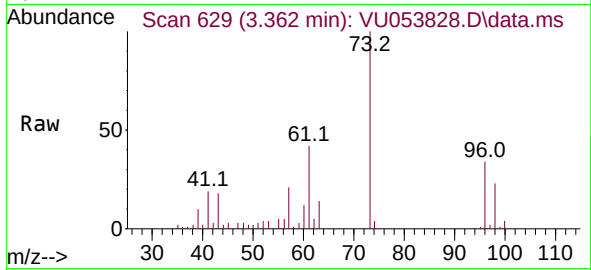
Tgt Ion: 59 Resp: 15707
Ion Ratio Lower Upper
59 100
57 2.7 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 1.628 ug/l
RT: 3.362 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

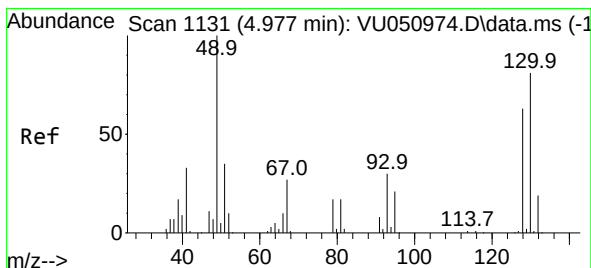
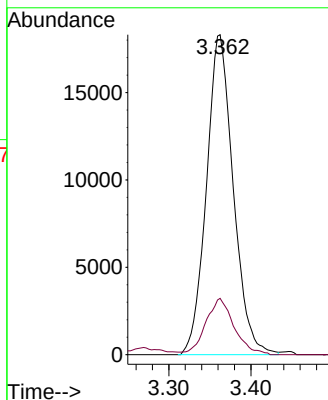
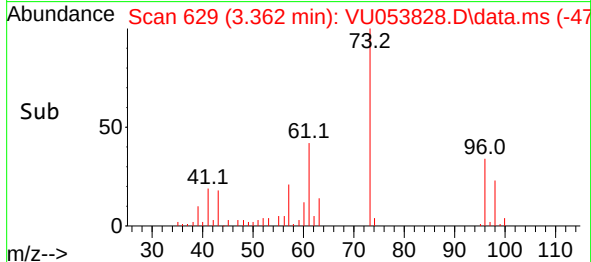
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBSD02



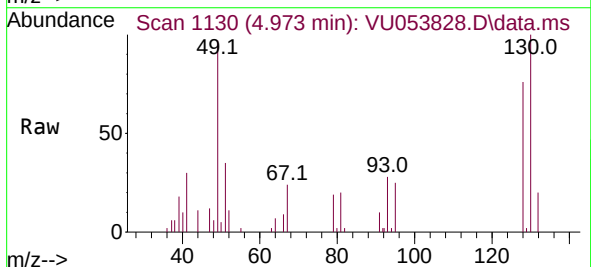
Tgt Ion: 73 Resp: 4170
Ion Ratio Lower Upper
73 100
43 18.6 15.0 22.6

Manual Integrations
APPROVED

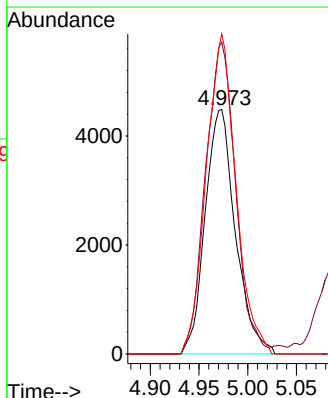
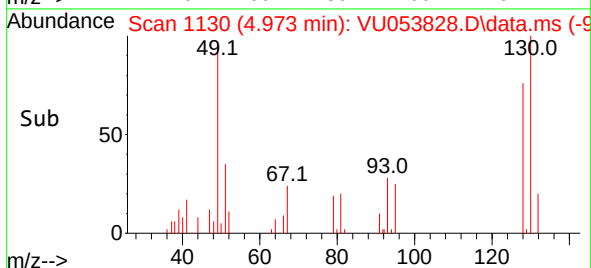
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

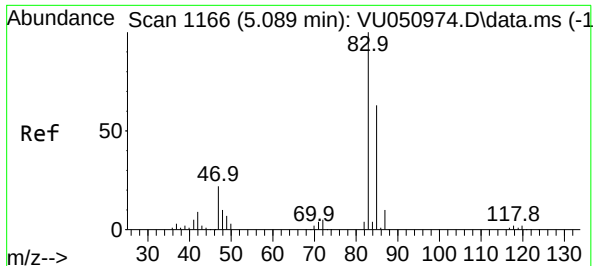


#26
Bromochloromethane
Concen: 1.764 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42



Tgt Ion:128 Resp: 9689
Ion Ratio Lower Upper
128 100
49 126.8 0.0 324.6
130 128.3 103.0 154.4





#27

Chloroform

Concen: 1.803 ug/l

RT: 5.083 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU053828.D

Acq: 21 Apr 2023 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBSD02

Tgt Ion: 83 Resp: 39874

Ion Ratio Lower Upper

83 100

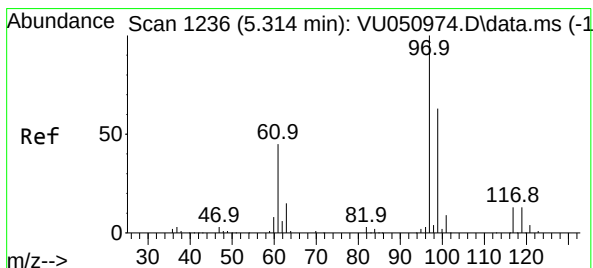
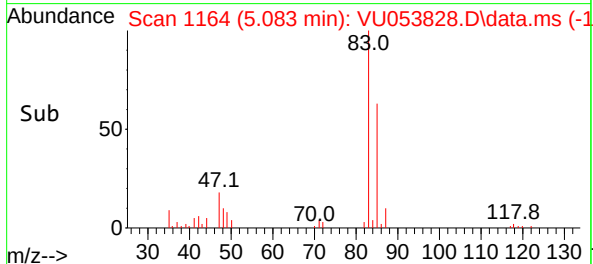
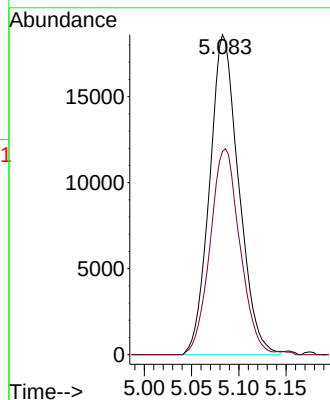
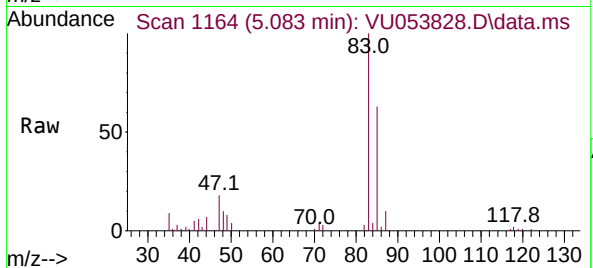
85 63.4 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#28

1,1,1-Trichloroethane

Concen: 1.827 ug/l

RT: 5.314 min Scan# 1236

Delta R.T. 0.006 min

Lab File: VU053828.D

Acq: 21 Apr 2023 16:42

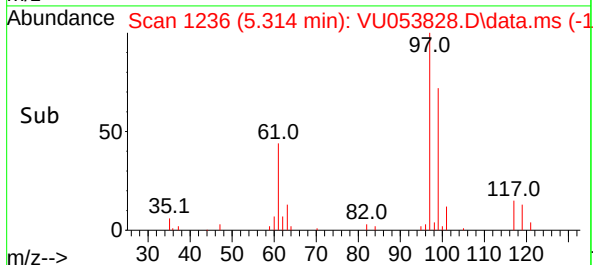
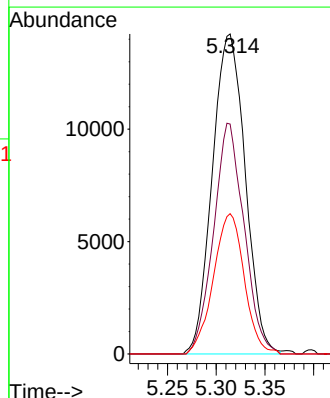
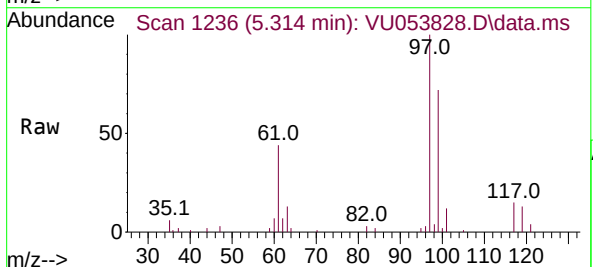
Tgt Ion: 97 Resp: 33479

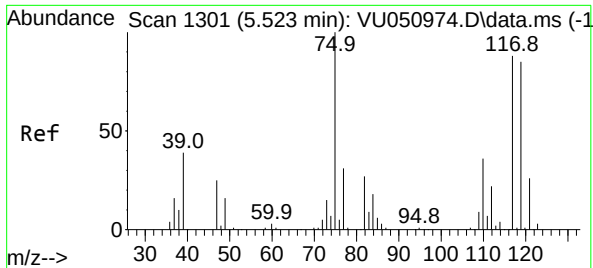
Ion Ratio Lower Upper

97 100

99 66.6 32.0 96.2

61 41.0 22.9 68.5





#29
1,1-Dichloropropene
Concen: 1.992 ug/l
RT: 5.523 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBSD02

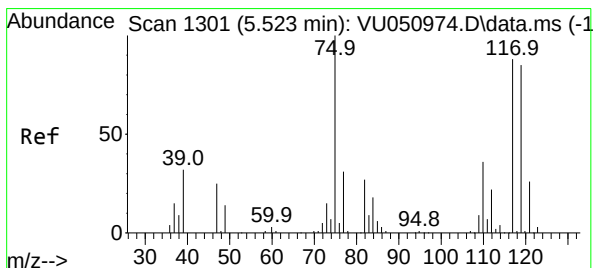
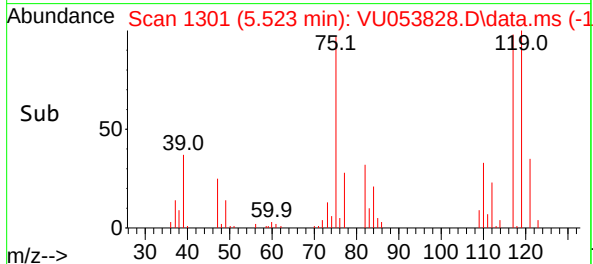
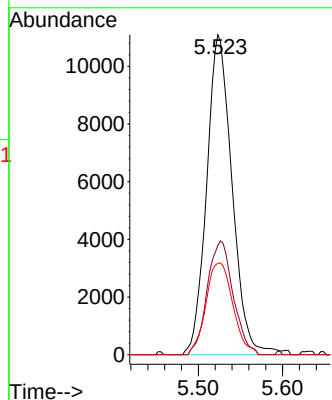
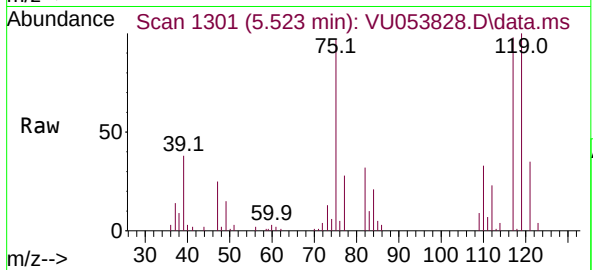
Tgt Ion: 75 Resp: 2323
Ion Ratio Lower Upper
75 100
110 36.2 18.0 54.0
77 30.5 24.7 37.1

Manual Integrations

APPROVED

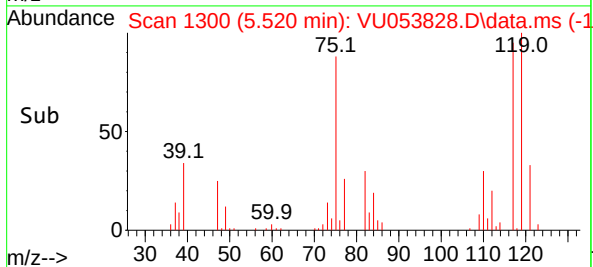
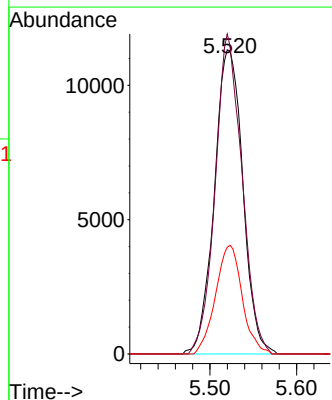
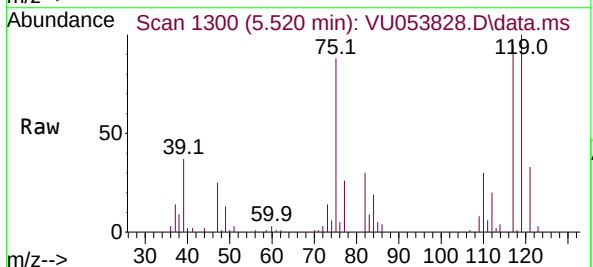
Reviewed By :Krupa Patel 04/28/2023

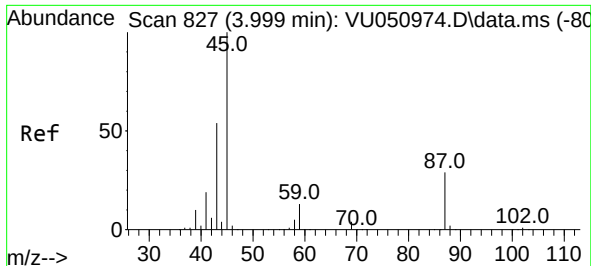
Supervised By :Mahesh Dadoda 04/28/2023



#30
Carbon Tetrachloride
Concen: 1.973 ug/l
RT: 5.520 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

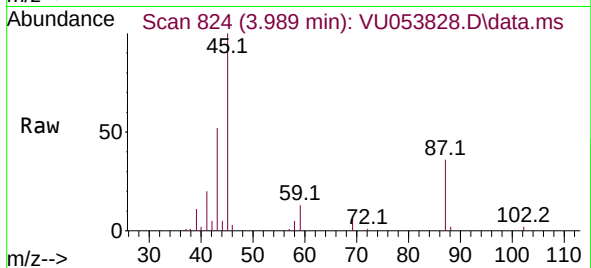
Tgt Ion:117 Resp: 25872
Ion Ratio Lower Upper
117 100
119 105.2 77.4 116.0
121 35.1 24.0 36.0





#31
Isopropyl Ether
Concen: 1.611 ug/l
RT: 3.989 min Scan# 81
Delta R.T. -0.007 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

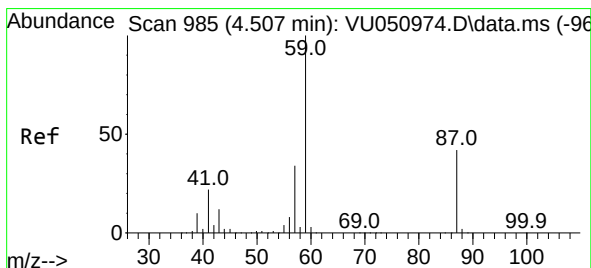
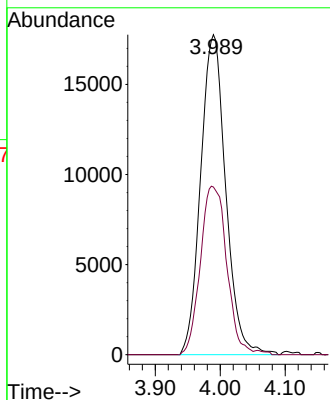
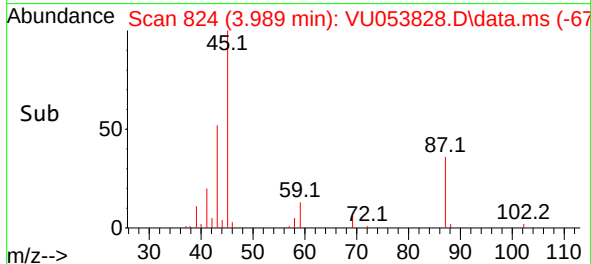
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBSD02



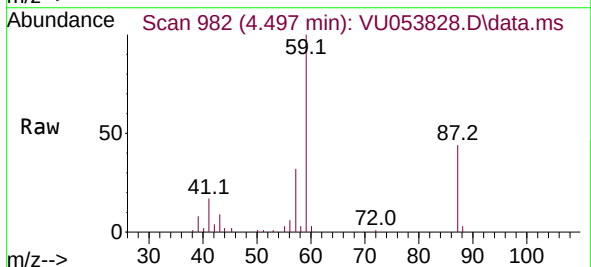
Tgt Ion: 45 Resp: 4771
Ion Ratio Lower Upper
45 100
43 55.0 27.5 82.5

Manual Integrations
APPROVED

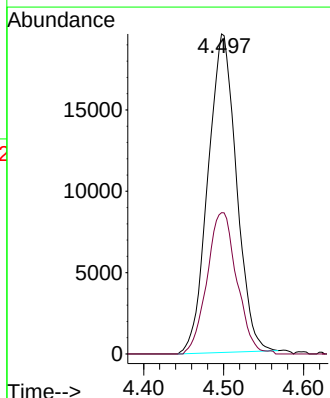
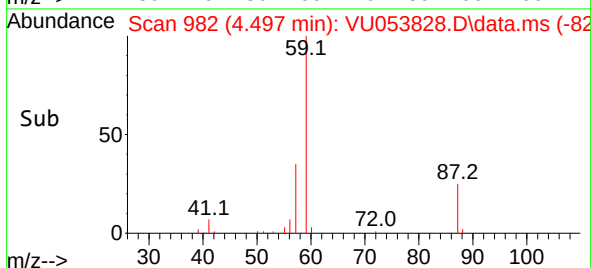
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

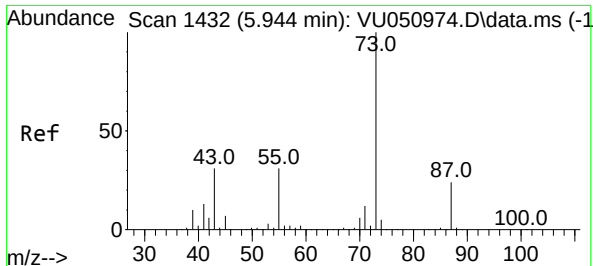


#32
Ethyl-t-butyl ether
Concen: 1.616 ug/l
RT: 4.497 min Scan# 982
Delta R.T. -0.010 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42



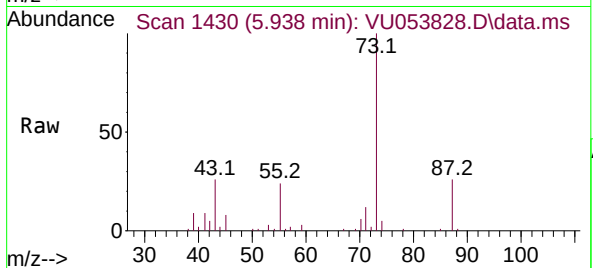
Tgt Ion: 59 Resp: 48407
Ion Ratio Lower Upper
59 100
87 46.4 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 2.027 ug/l
RT: 5.938 min Scan# 1432
Delta R.T. -0.006 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

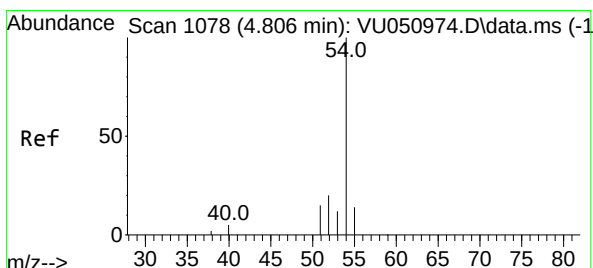
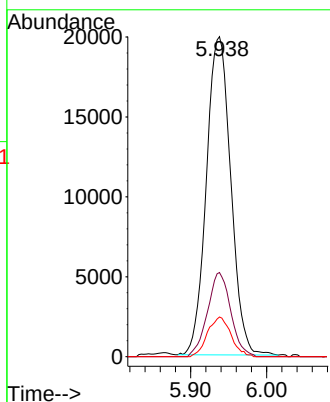
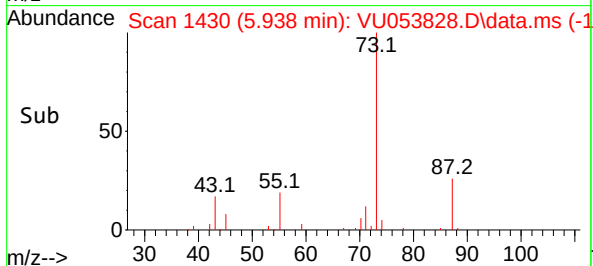
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBSD02



Tgt Ion: 73 Resp: 44372
Ion Ratio Lower Upper
73 100
87 25.2 18.6 28.0
71 12.0 9.9 14.9

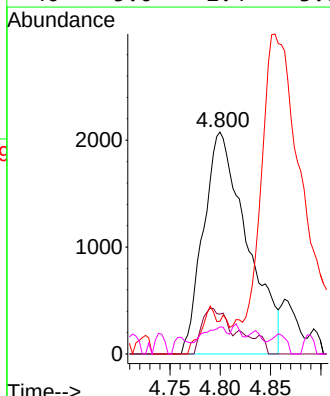
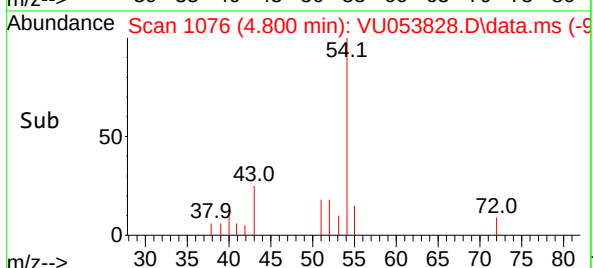
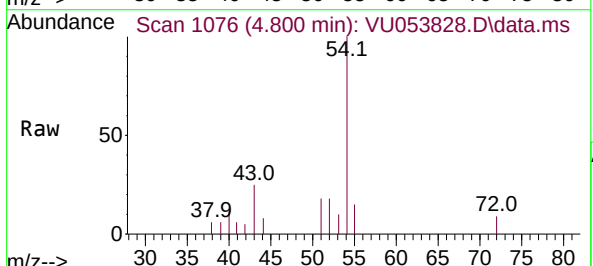
Manual Integrations
APPROVED

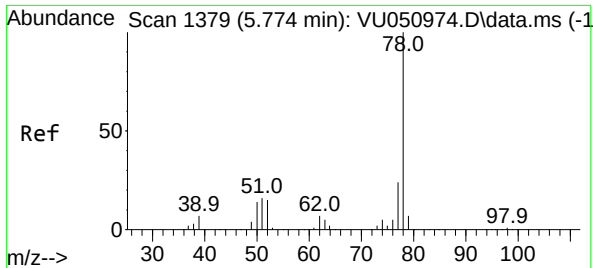
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#34
Propionitrile
Concen: 6.698 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. 0.022 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

Tgt Ion: 54 Resp: 6225
Ion Ratio Lower Upper
54 100
52 11.7 17.4 26.0#
55 8.3 104.1 156.1#
40 5.0 2.4 3.6#





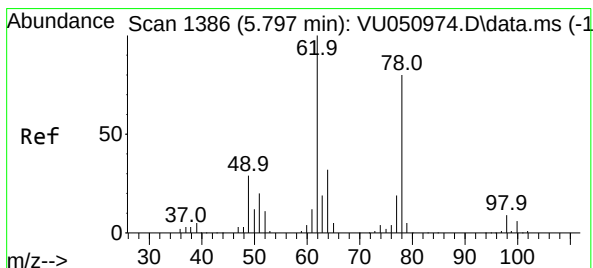
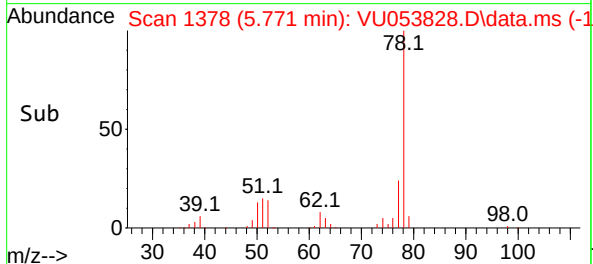
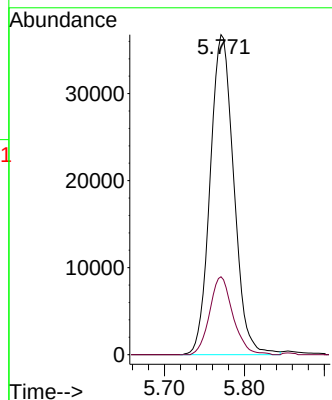
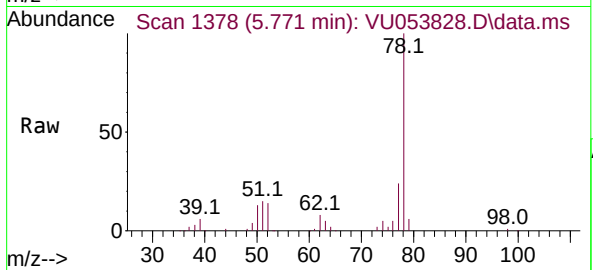
#35
Benzene
Concen: 2.102 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. 0.003 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

Instrument :
MSVOA_U
ClientSampleId :
VU0421WBSD02

Tgt Ion: 78 Resp: 7552
Ion Ratio Lower Upper
78 100
77 24.3 18.9 28.3

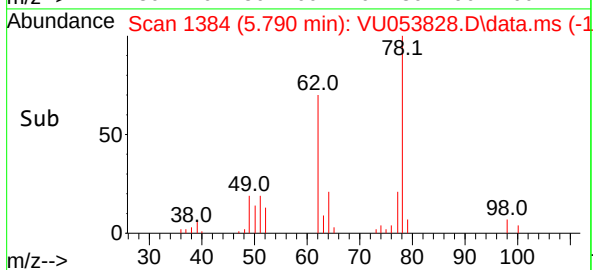
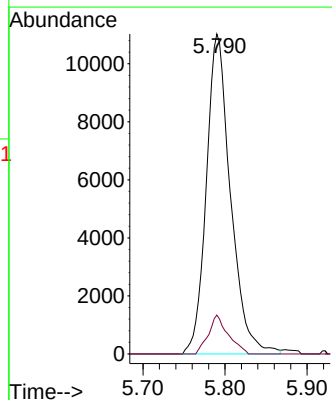
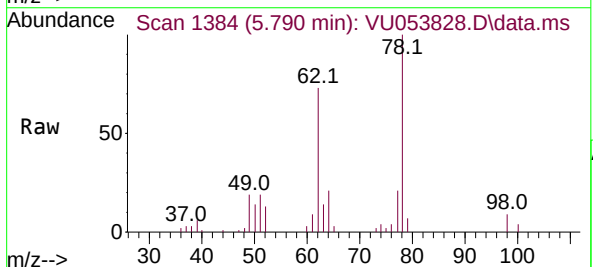
Manual Integrations
APPROVED

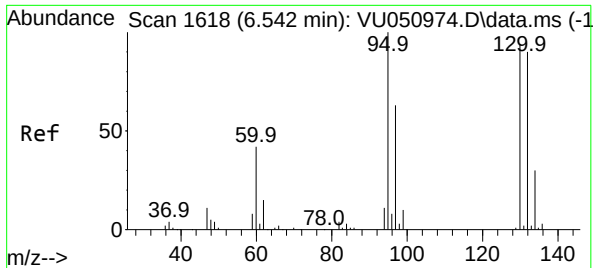
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#36
1,2-Dichloroethane
Concen: 2.004 ug/l
RT: 5.790 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

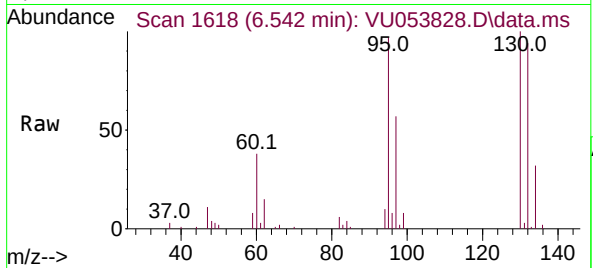
Tgt Ion: 62 Resp: 22620
Ion Ratio Lower Upper
62 100
98 9.9 7.3 10.9





#37
 Trichloroethene
 Concen: 2.075 ug/l
 RT: 6.542 min Scan# 1618
 Delta R.T. 0.006 min
 Lab File: VU053828.D
 Acq: 21 Apr 2023 16:42

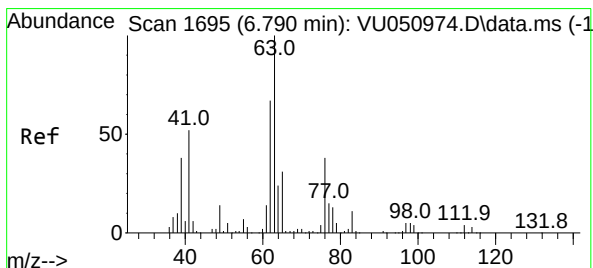
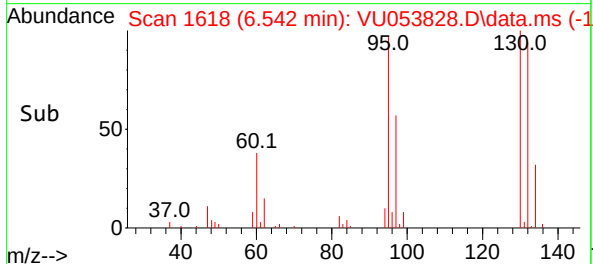
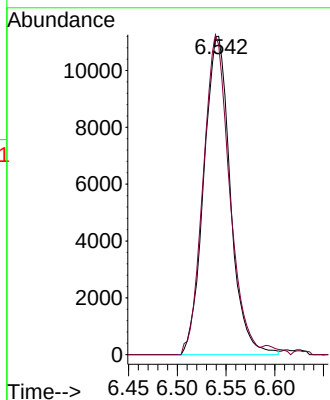
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0421WBSD02



Tgt Ion: 130 Resp: 21162
 Ion Ratio Lower Upper
 130 100
 95 97.2 85.0 127.6

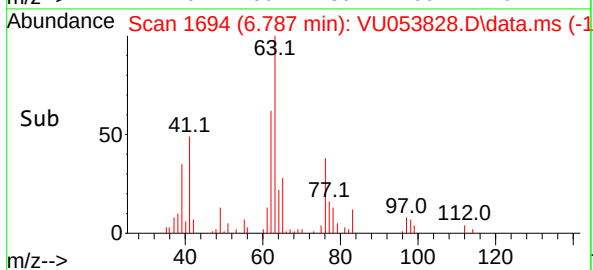
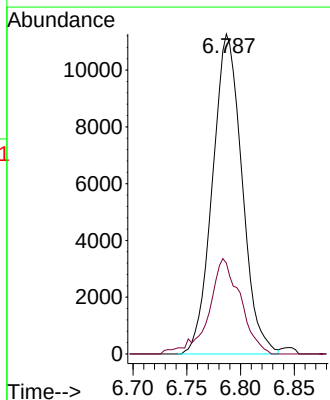
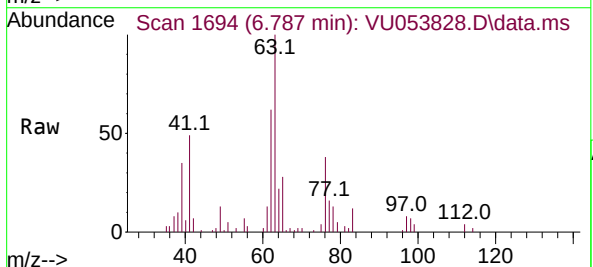
Manual Integrations
 APPROVED

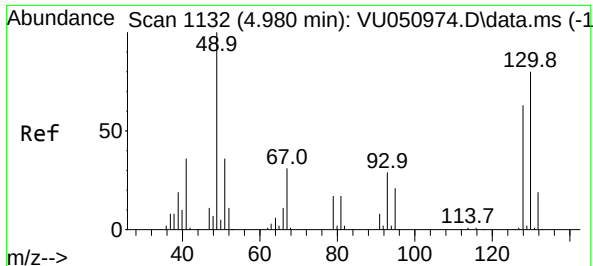
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#38
 1,2-Dichloropropane
 Concen: 2.103 ug/l
 RT: 6.787 min Scan# 1694
 Delta R.T. -0.003 min
 Lab File: VU053828.D
 Acq: 21 Apr 2023 16:42

Tgt Ion: 63 Resp: 21502
 Ion Ratio Lower Upper
 63 100
 65 28.4 24.9 37.3





#39

Methacrylonitrile

Concen: 1.337 ug/l

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU053828.D

Acq: 21 Apr 2023 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBSD02

Tgt Ion: 41 Resp: 4958

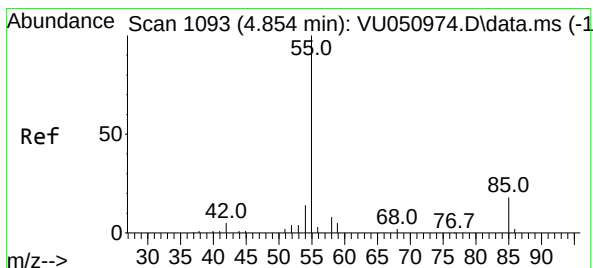
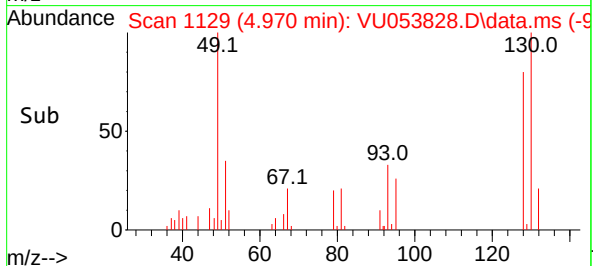
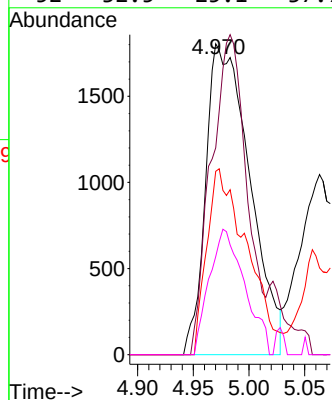
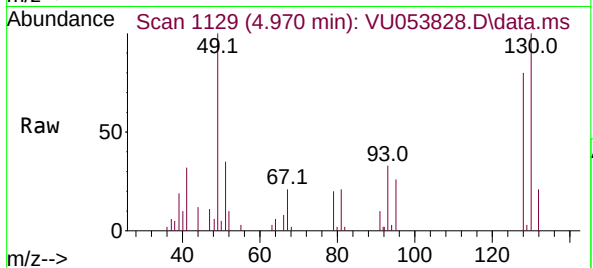
Ion	Ratio	Lower	Upper
41	100		
67	83.5	66.8	100.2
39	55.4	41.2	61.8
52	32.5	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#40

Methyl acrylate

Concen: 1.496 ug/l

RT: 4.854 min Scan# 1093

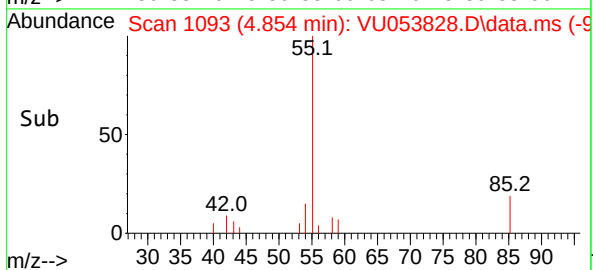
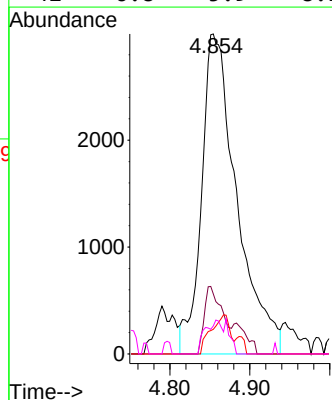
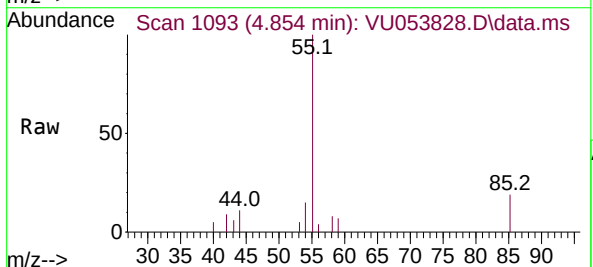
Delta R.T. 0.010 min

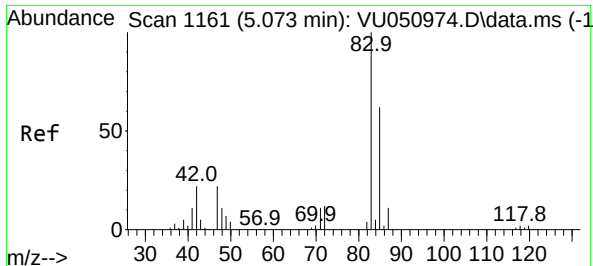
Lab File: VU053828.D

Acq: 21 Apr 2023 16:42

Tgt Ion: 55 Resp: 9160

Ion	Ratio	Lower	Upper
55	100		
85	11.1	13.3	19.9#
58	6.6	6.5	9.7
42	6.8	5.9	8.9





#41

Tetrahydrofuran

Concen: 2.698 ug/l

RT: 5.070 min Scan# 1161

Delta R.T. 0.006 min

Lab File: VU053828.D

Acq: 21 Apr 2023 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBSD02

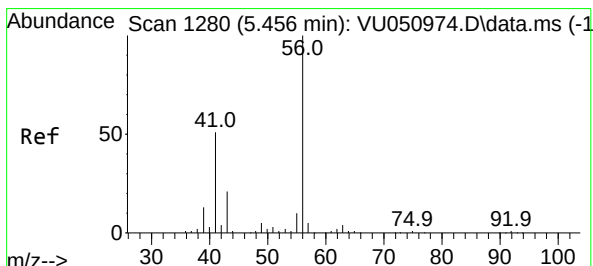
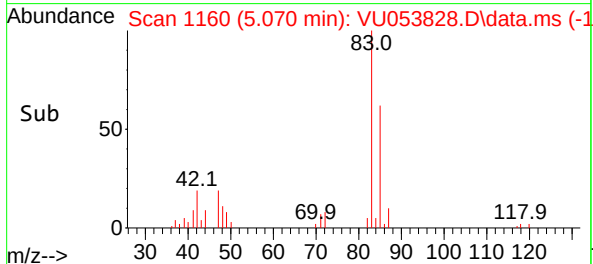
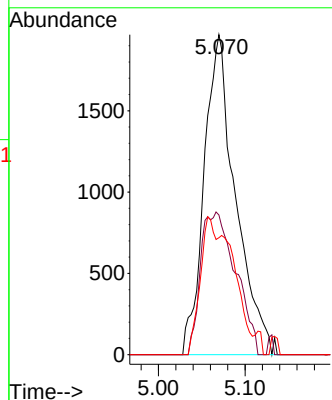
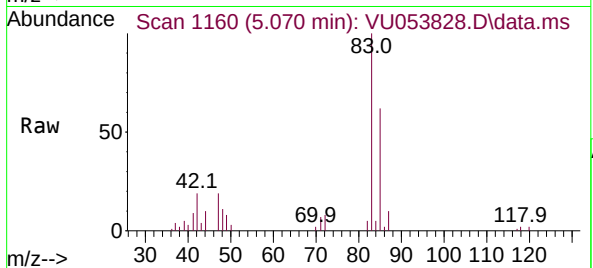
Tgt Ion: 42	Resp: 495
Ion Ratio	Lower Upper
42	100
72	49.7 40.9 61.3
71	24.0 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#42

1-Chlorobutane

Concen: 1.917 ug/l

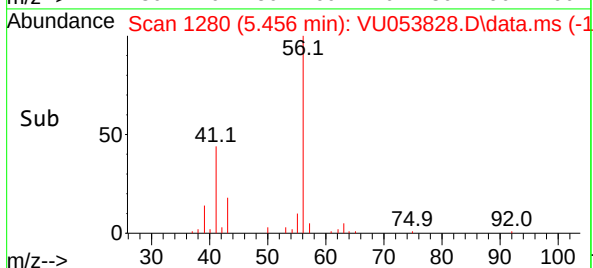
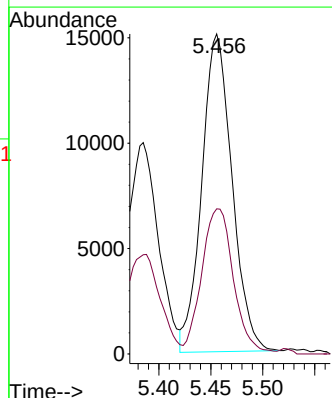
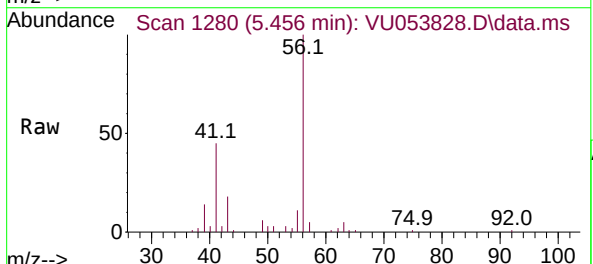
RT: 5.456 min Scan# 1280

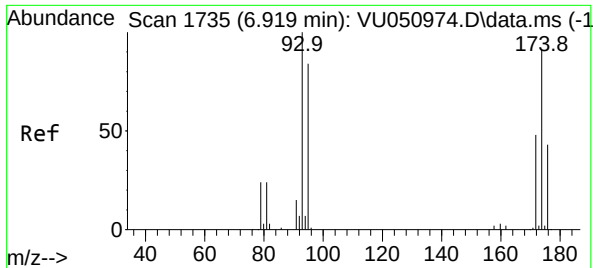
Delta R.T. 0.006 min

Lab File: VU053828.D

Acq: 21 Apr 2023 16:42

Tgt Ion: 56	Resp: 30526
Ion Ratio	Lower Upper
56	100
41	46.4 25.2 75.6





#43

Dibromomethane

Concen: 1.985 ug/l

RT: 6.912 min Scan# 1733

Delta R.T. -0.003 min

Lab File: VU053828.D

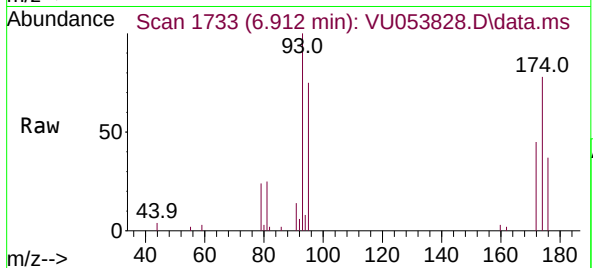
Acq: 21 Apr 2023 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBSD02



Tgt Ion: 93 Resp: 1029

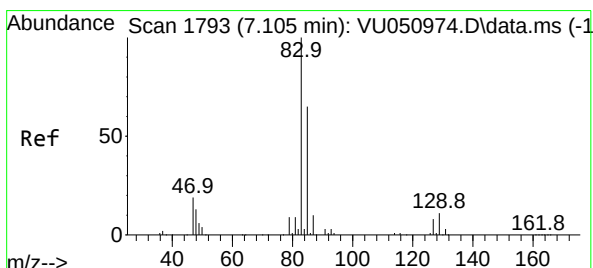
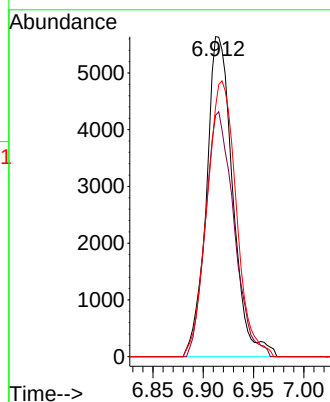
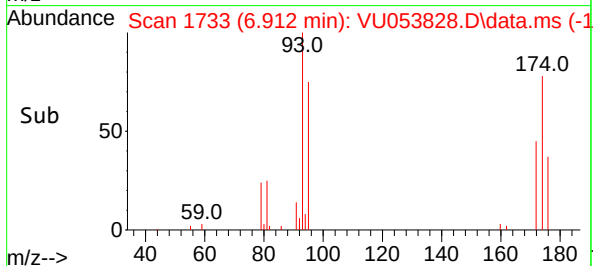
Ion	Ratio	Lower	Upper
93	100		
95	82.2	67.0	100.6
174	95.3	73.8	110.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#44

Bromodichloromethane

Concen: 1.984 ug/l

RT: 7.102 min Scan# 1792

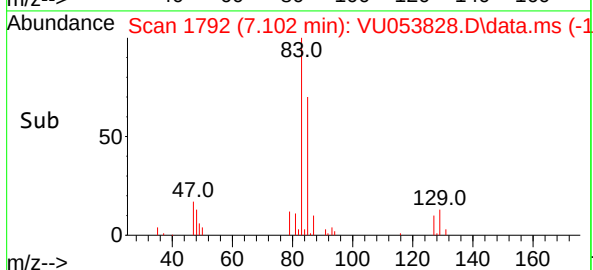
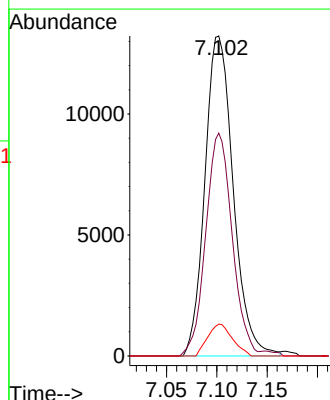
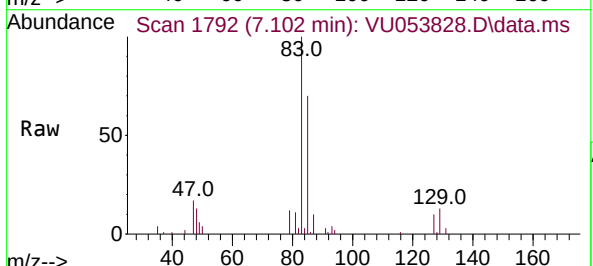
Delta R.T. -0.000 min

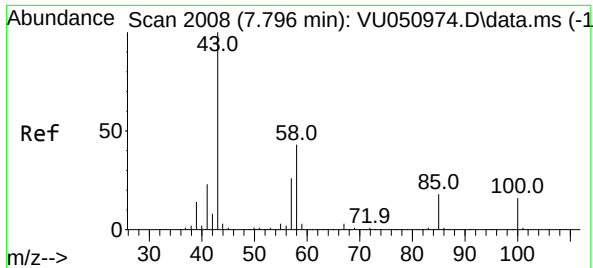
Lab File: VU053828.D

Acq: 21 Apr 2023 16:42

Tgt Ion: 83 Resp: 25935

Ion	Ratio	Lower	Upper
83	100		
85	69.7	51.9	77.9
127	10.0	6.7	10.1





#45

4-Methyl-2-Pentanone

Concen: 8.996 ug/l

RT: 7.790 min Scan# 2006

Delta R.T. -0.007 min

Lab File: VU053828.D

Acq: 21 Apr 2023 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBSD02

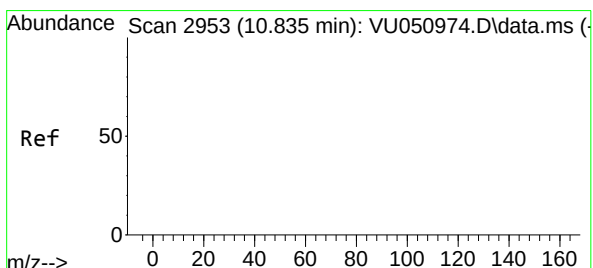
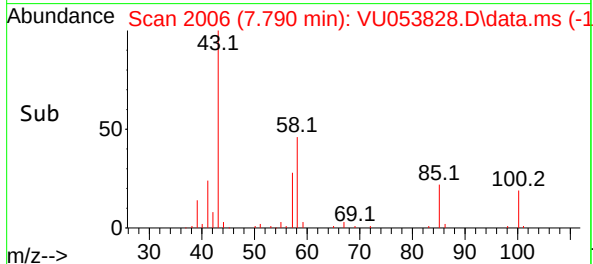
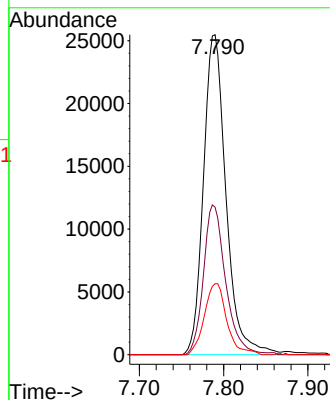
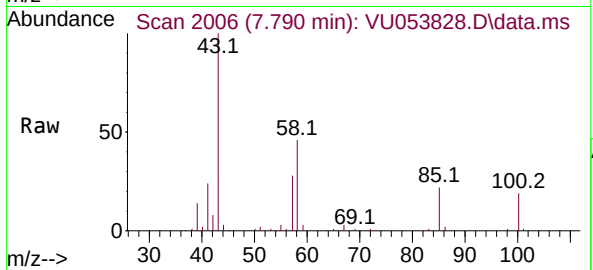
Tgt Ion: 43	Resp: 4745
Ion Ratio	Lower Upper
43 100	
58 45.9	20.9 62.8
85 22.1	14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#46

t-1,4-Dichloro-2-butene

Concen: 3.737 ug/l m

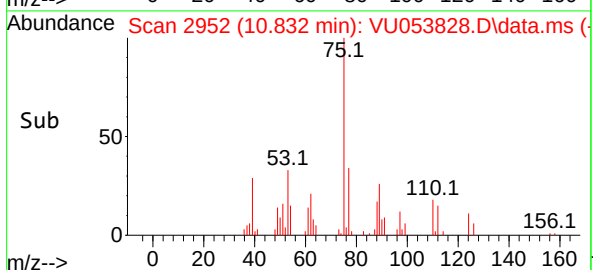
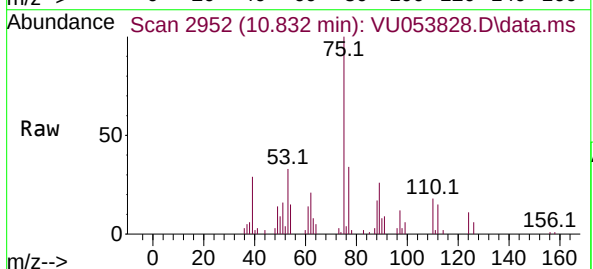
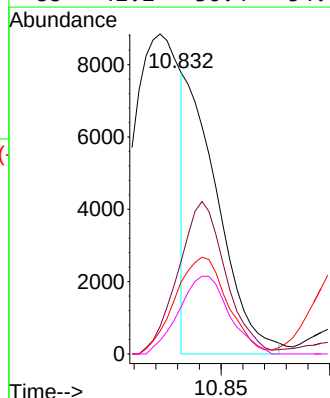
RT: 10.832 min Scan# 2952

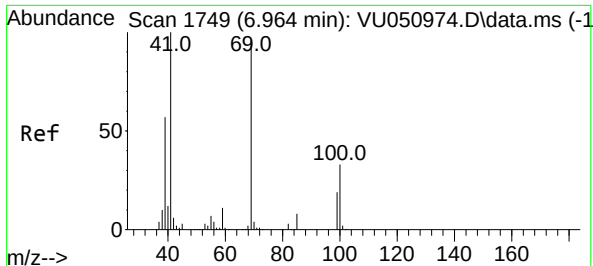
Delta R.T. -0.000 min

Lab File: VU053828.D

Acq: 21 Apr 2023 16:42

Tgt Ion: 75	Resp: 8186
Ion Ratio	Lower Upper
75 100	
53 78.6	73.3 109.9
89 54.8	48.2 72.4
88 42.2	36.4 54.6





#47

Methyl methacrylate

Concen: 3.560 ug/l

RT: 6.957 min Scan# 1

Delta R.T. -0.007 min

Lab File: VU053828.D

Acq: 21 Apr 2023 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBSD02

Tgt Ion: 69 Resp: 1621

Ion Ratio Lower Upper

69 100

41 99.3 0.0 209.2

39 55.3 46.7 70.1

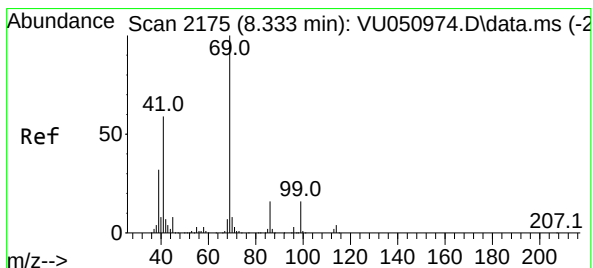
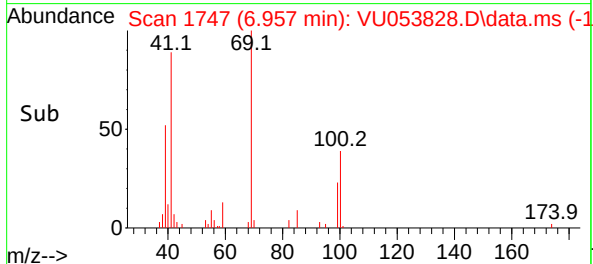
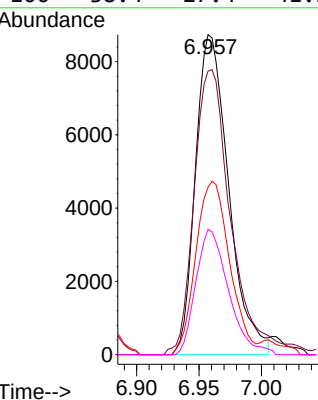
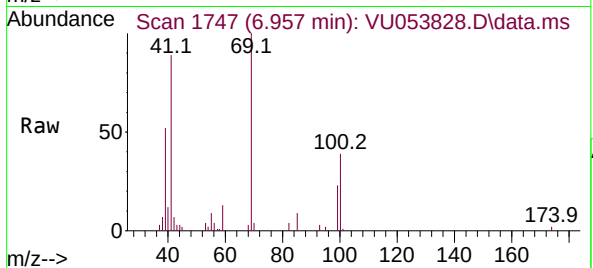
100 38.4 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#48

Ethyl methacrylate

Concen: 1.784 ug/l

RT: 8.330 min Scan# 2174

Delta R.T. -0.003 min

Lab File: VU053828.D

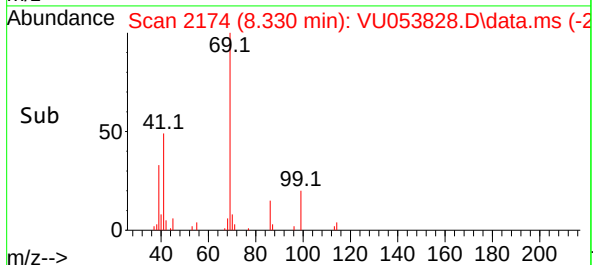
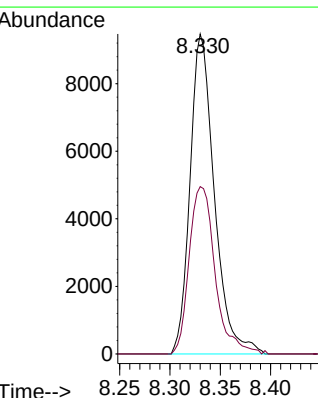
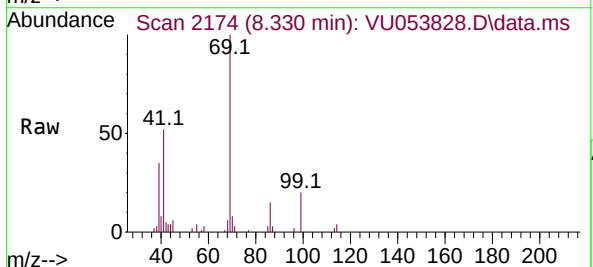
Acq: 21 Apr 2023 16:42

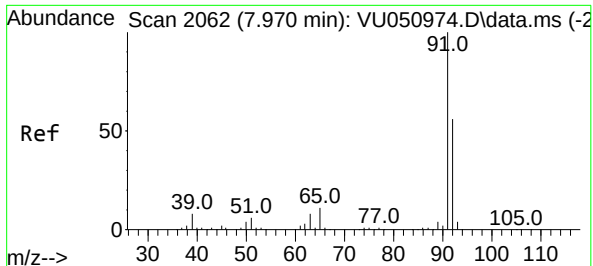
Tgt Ion: 69 Resp: 15933

Ion Ratio Lower Upper

69 100

41 55.9 30.3 90.8





#49

Toluene

Concen: 2.065 ug/l

RT: 7.967 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU053828.D

Acq: 21 Apr 2023 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBSD02

Tgt Ion: 92 Resp: 4675

Ion Ratio Lower Upper

92 100

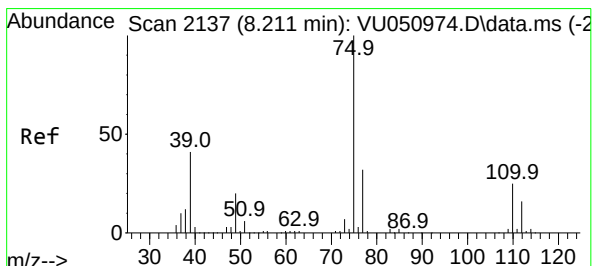
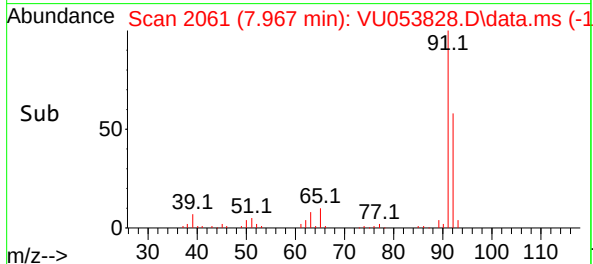
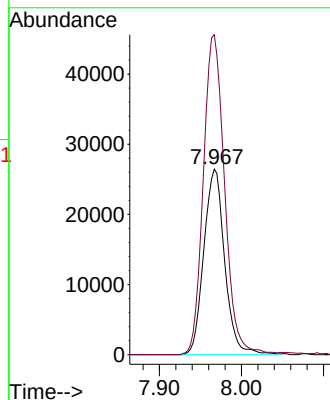
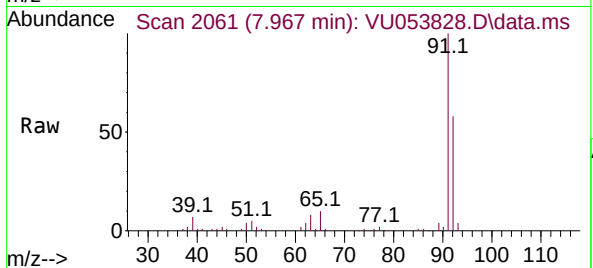
91 175.8 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#50

t-1,3-Dichloropropene

Concen: 2.026 ug/l

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU053828.D

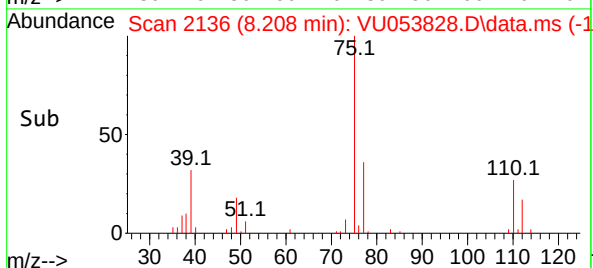
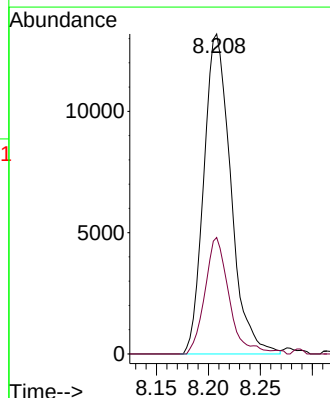
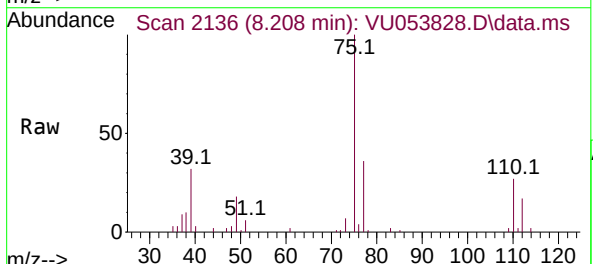
Acq: 21 Apr 2023 16:42

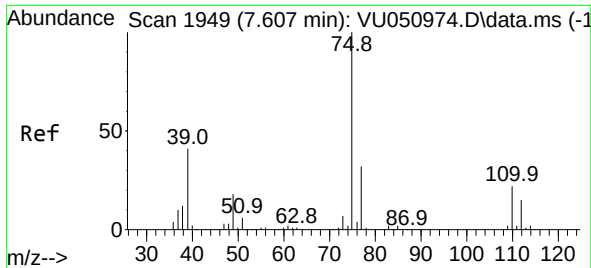
Tgt Ion: 75 Resp: 23800

Ion Ratio Lower Upper

75 100

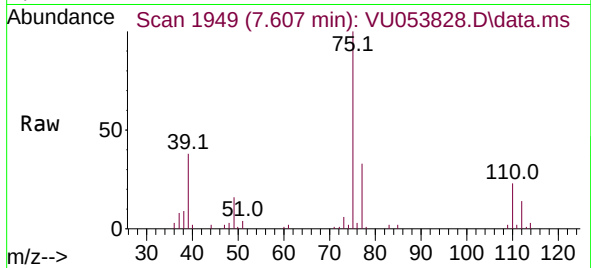
77 36.4 25.3 37.9





#51
 cis-1,3-Dichloropropene
 Concen: 2.014 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.003 min
 Lab File: VU053828.D
 Acq: 21 Apr 2023 16:42

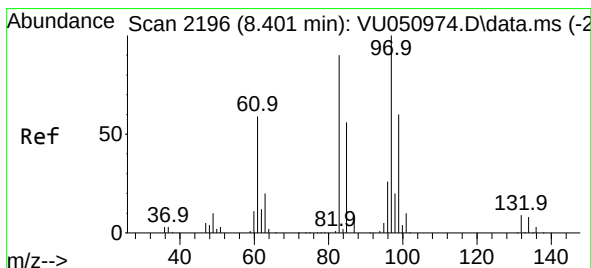
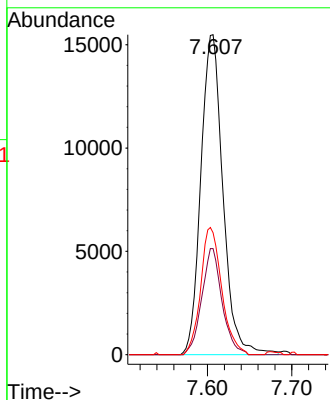
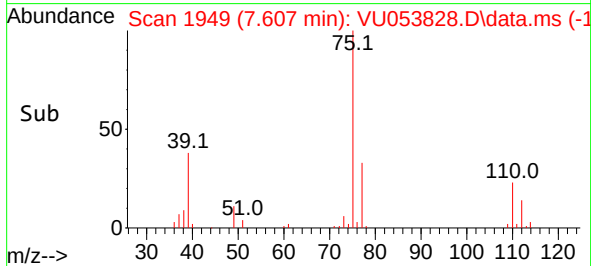
Instrument : MSVOA_U
 ClientSampleId : VU0421WBSD02



Tgt Ion: 75 Resp: 2825
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.7 38.5
 39 38.1 32.8 49.2

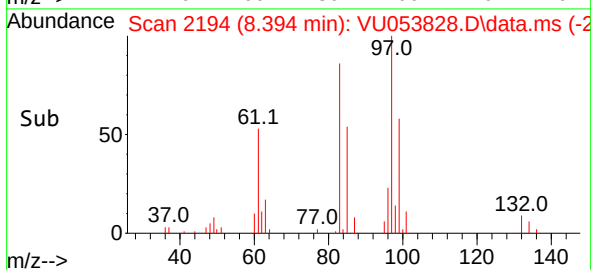
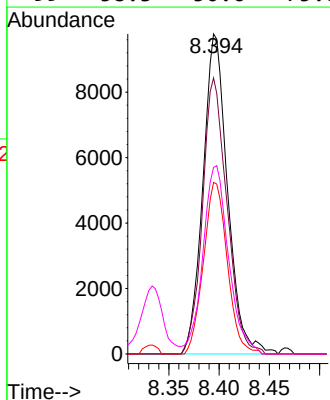
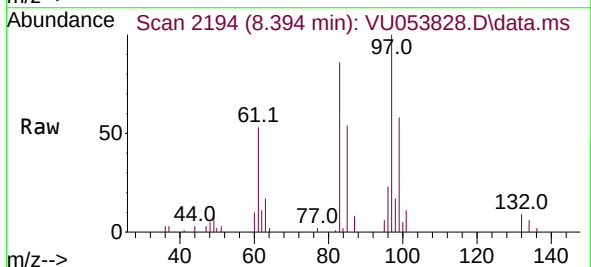
Manual Integrations
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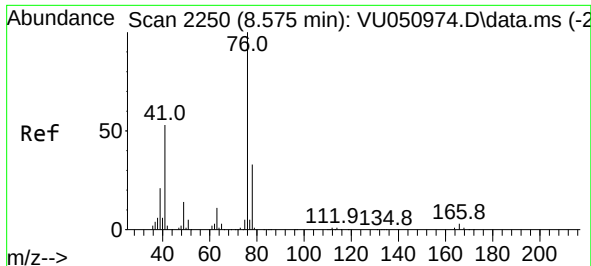
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023



#52
 1,1,2-Trichloroethane
 Concen: 2.027 ug/l
 RT: 8.394 min Scan# 2194
 Delta R.T. -0.003 min
 Lab File: VU053828.D
 Acq: 21 Apr 2023 16:42

Tgt Ion: 97 Resp: 16680
 Ion Ratio Lower Upper
 97 100
 83 86.3 71.8 107.8
 85 53.6 45.2 67.8
 99 58.3 50.6 75.8





#53

1,3-Dichloropropane

Concen: 2.025 ug/l

RT: 8.571 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU053828.D

Acq: 21 Apr 2023 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBSD02

Tgt Ion: 76 Resp: 2609

Ion Ratio Lower Upper

76 100

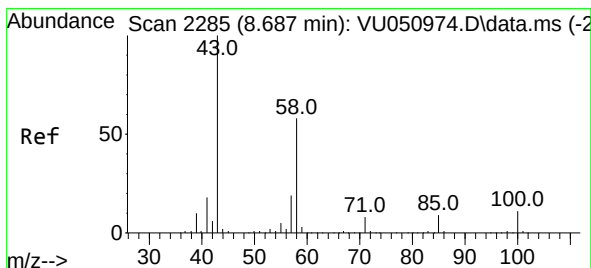
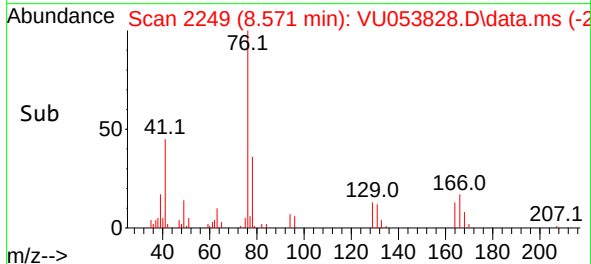
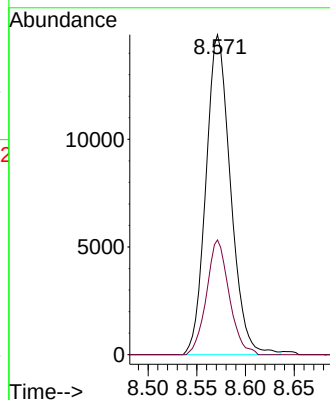
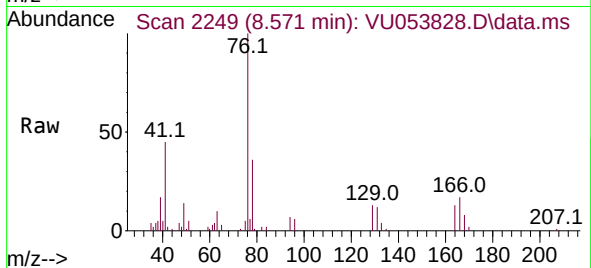
78 33.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#54

2-Hexanone

Concen: 6.799 ug/l

RT: 8.681 min Scan# 2283

Delta R.T. -0.007 min

Lab File: VU053828.D

Acq: 21 Apr 2023 16:42

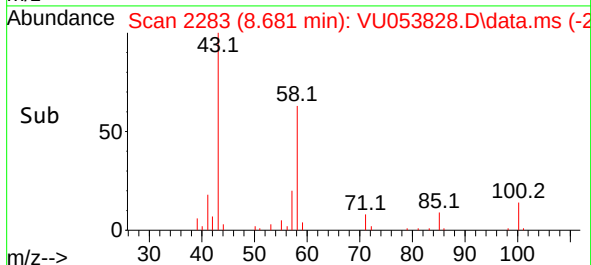
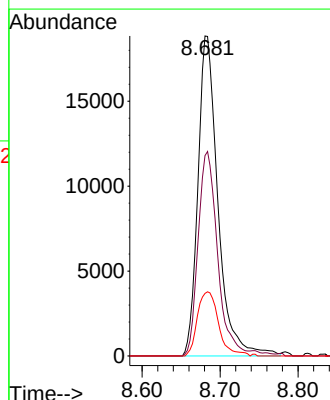
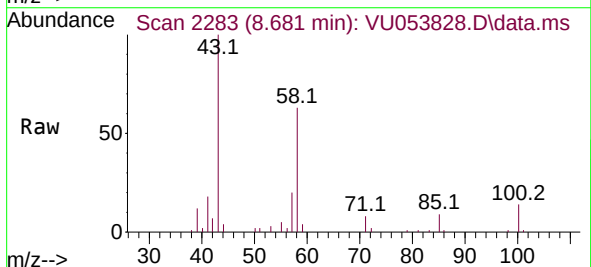
Tgt Ion: 43 Resp: 33635

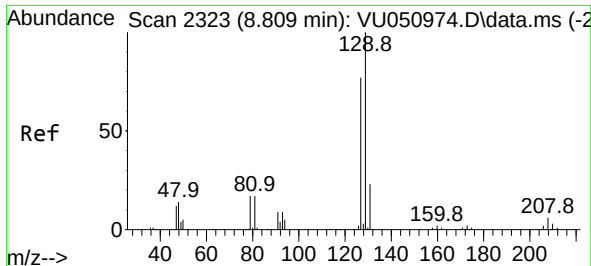
Ion Ratio Lower Upper

43 100

58 62.0 38.2 78.2

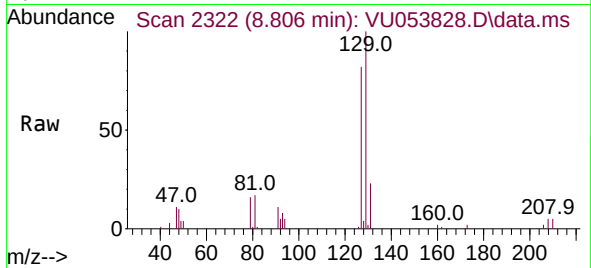
57 21.2 0.0 39.1





#55
Dibromochloromethane
Concen: 1.958 ug/l
RT: 8.806 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

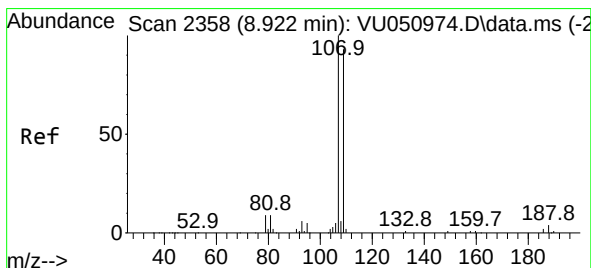
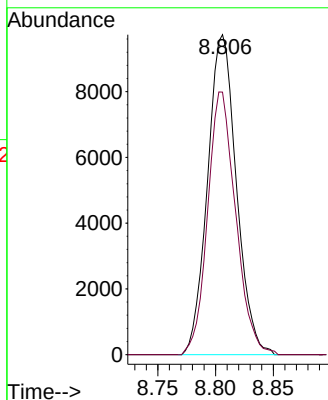
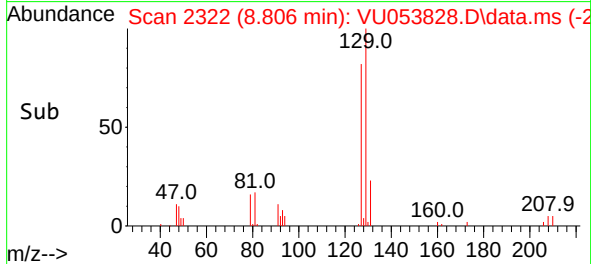
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBSD02



Tgt Ion:129 Resp: 1694
Ion Ratio Lower Upper
129 100
127 79.8 61.4 92.0

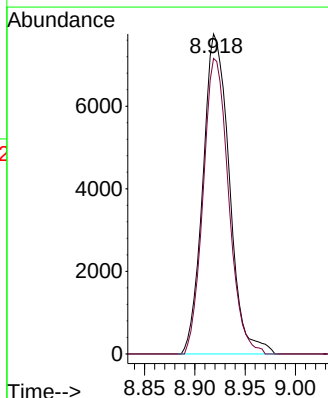
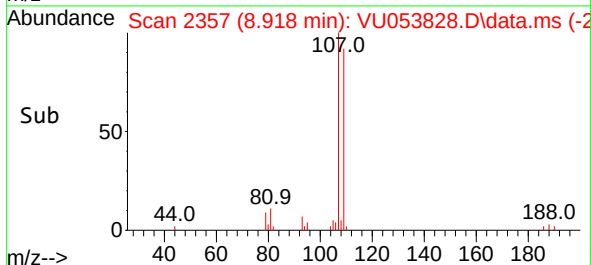
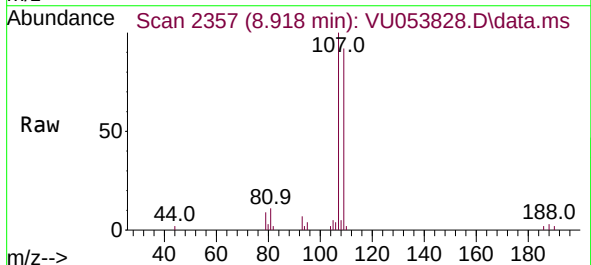
Manual Integrations
APPROVED

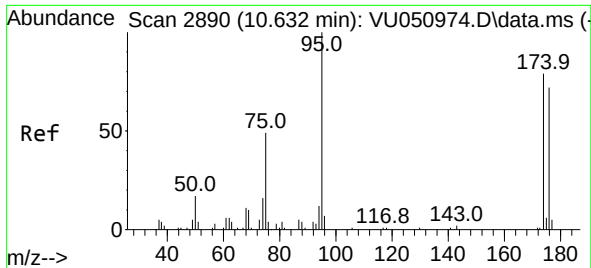
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#56
1,2-Dibromoethane
Concen: 1.998 ug/l
RT: 8.918 min Scan# 2357
Delta R.T. -0.003 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

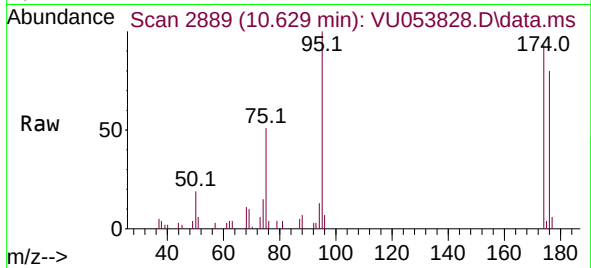
Tgt Ion:107 Resp: 14183
Ion Ratio Lower Upper
107 100
109 88.8 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 0.969 ug/l
RT: 10.629 min Scan# 2889
Delta R.T. -0.003 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

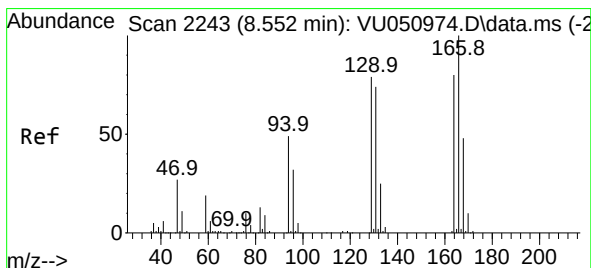
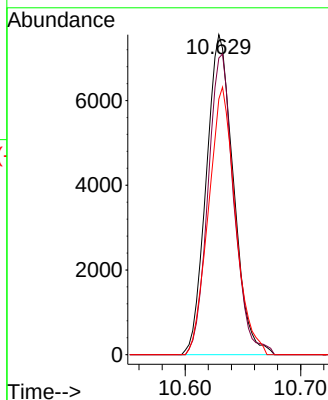
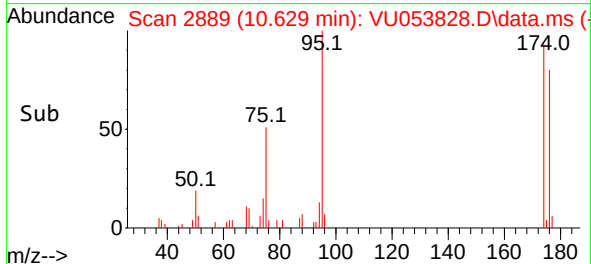
Instrument : MSVOA_U
ClientSampleId : VU0421WBSD02



Tgt Ion: 95 Resp: 12350
Ion Ratio Lower Upper
95 100
174 89.2 63.3 94.9
176 82.3 59.3 88.9

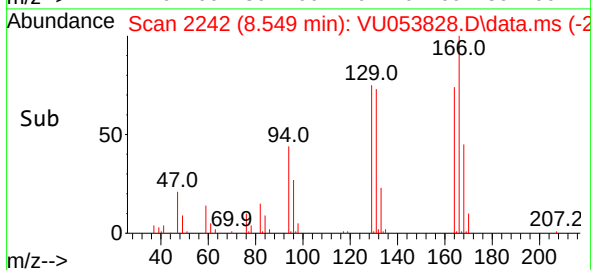
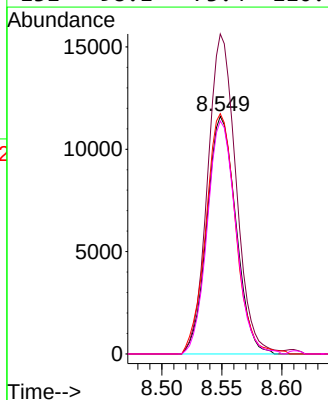
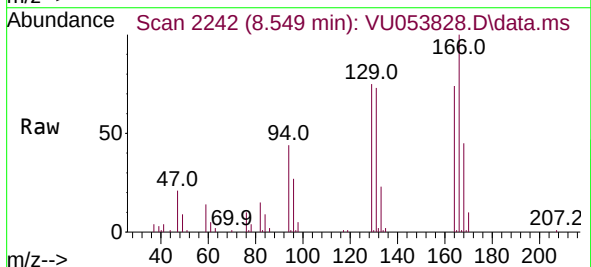
Manual Integrations
APPROVED

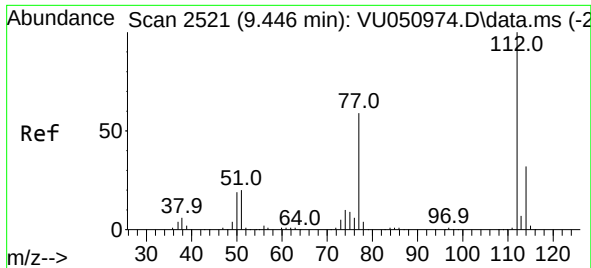
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#58
Tetrachloroethene
Concen: 1.973 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

Tgt Ion:164 Resp: 19459
Ion Ratio Lower Upper
164 100
166 134.7 99.6 149.4
129 101.1 78.6 117.8
131 98.1 73.4 110.0





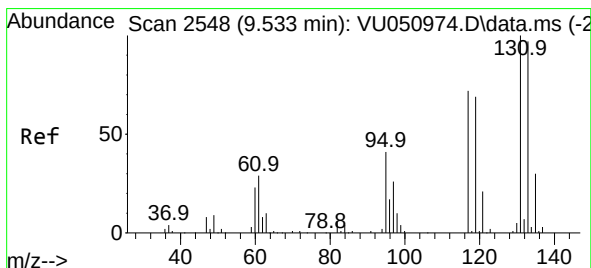
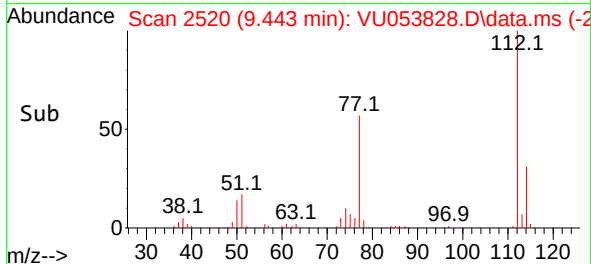
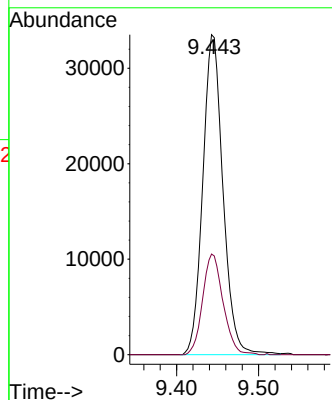
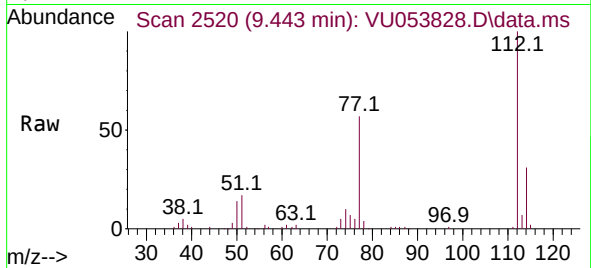
#59
Chlorobenzene
Concen: 2.034 ug/l
RT: 9.443 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

Instrument :
MSVOA_U
ClientSampleId :
VU0421WBSD02

Tgt Ion:112 Resp: 5729
Ion Ratio Lower Upper
112 100
114 31.5 25.6 38.4

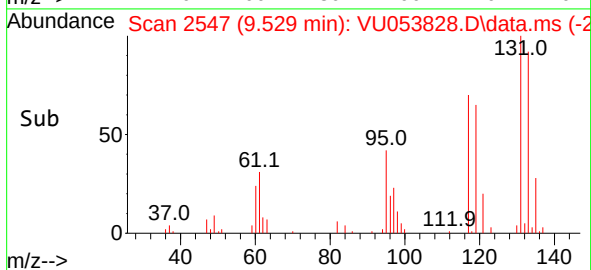
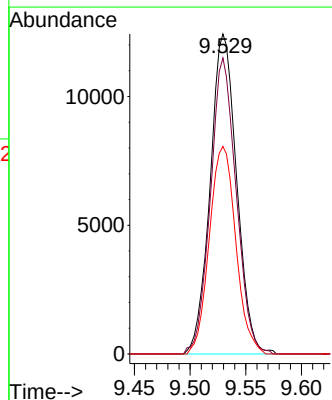
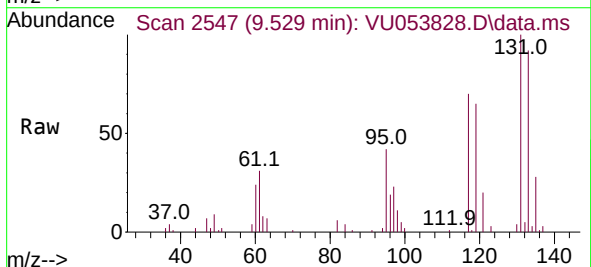
Manual Integrations
APPROVED

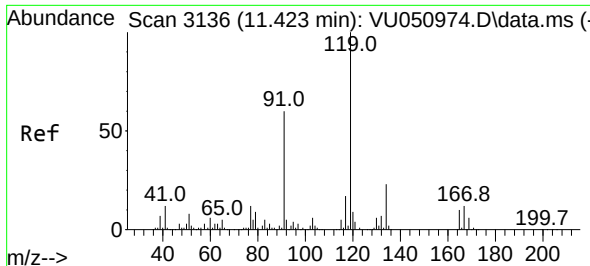
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 2.022 ug/l
RT: 9.529 min Scan# 2547
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

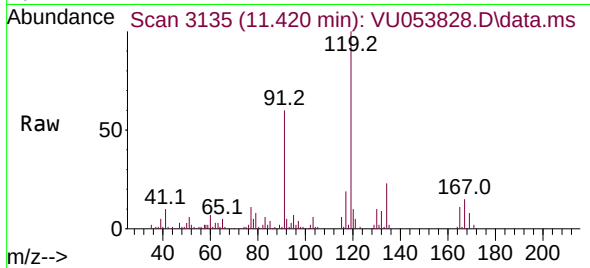
Tgt Ion:131 Resp: 20539
Ion Ratio Lower Upper
131 100
133 90.0 77.8 116.6
119 64.6 55.2 82.8





#61
Pentachloroethane
Concen: 1.906 ug/l
RT: 11.420 min Scan# 3136
Delta R.T. -0.003 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

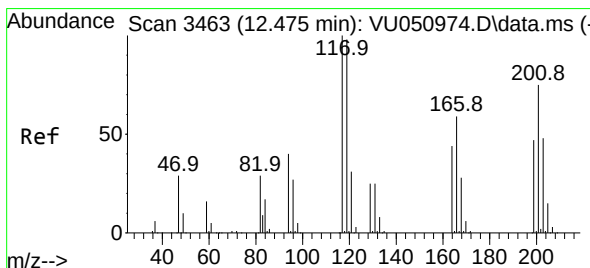
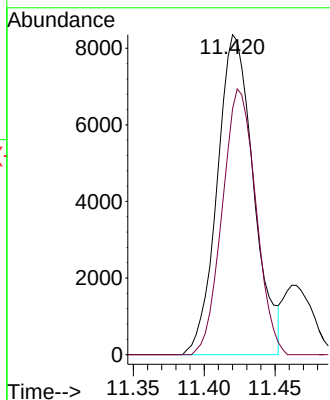
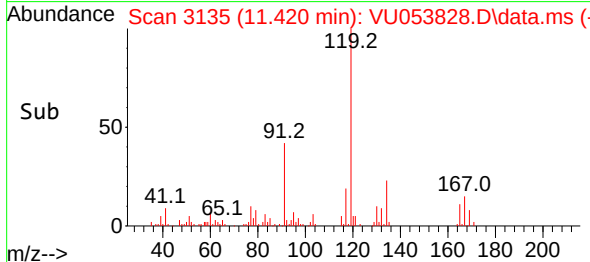
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBSD02



Tgt Ion:117 Resp: 14932
Ion Ratio Lower Upper
117 100
167 76.5 56.7 85.1

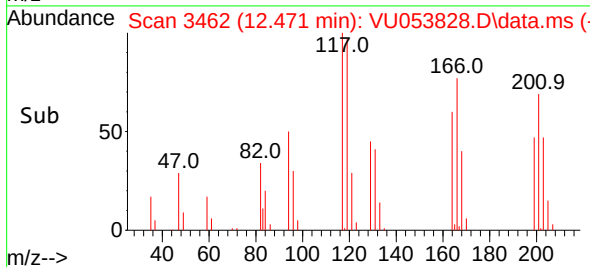
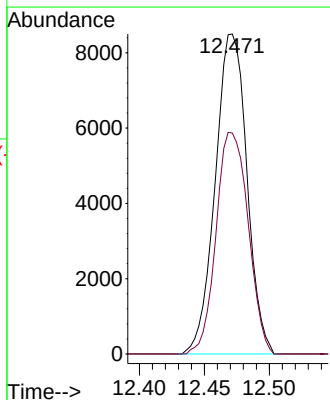
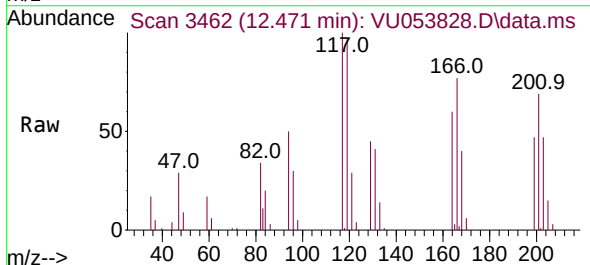
Manual Integrations
APPROVED

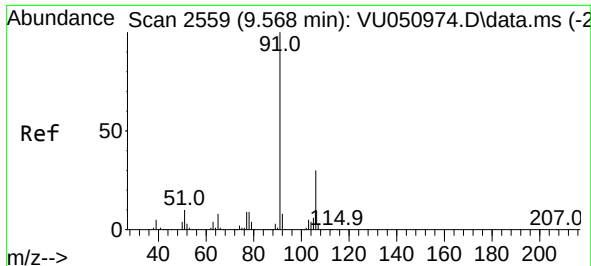
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#62
Hexachloroethane
Concen: 1.885 ug/l
RT: 12.471 min Scan# 3462
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

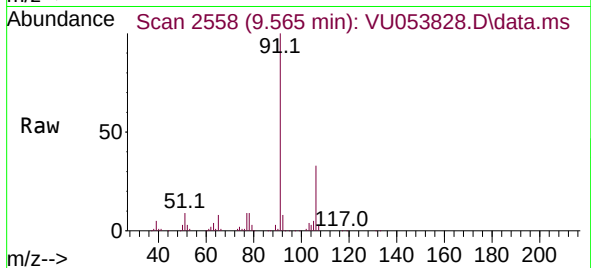
Tgt Ion:117 Resp: 14412
Ion Ratio Lower Upper
117 100
201 70.1 59.6 89.4





#63
Ethyl Benzene
Concen: 1.976 ug/l
RT: 9.565 min Scan# 2558
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

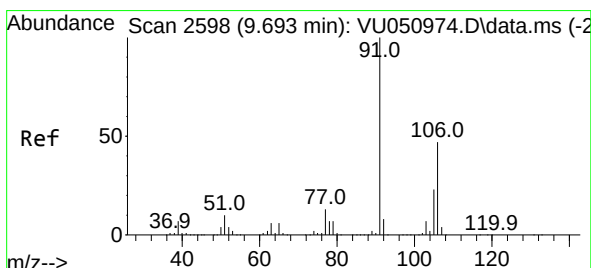
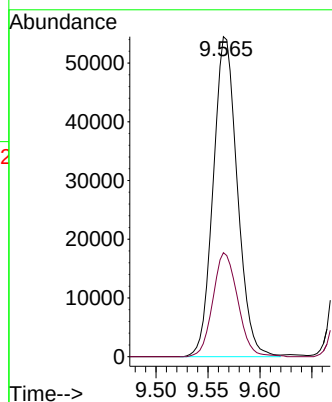
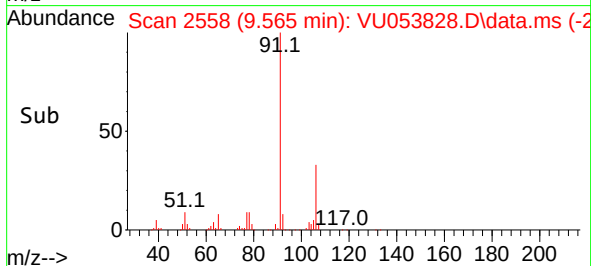
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBSD02



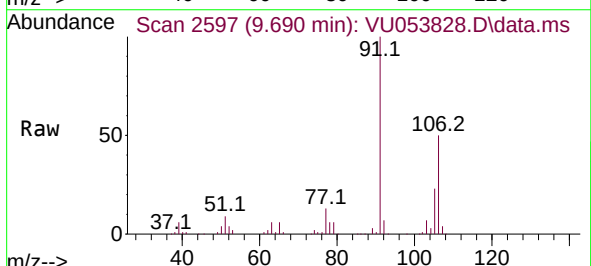
Tgt Ion: 91 Resp: 8788
Ion Ratio Lower Upper
91 100
106 32.5 24.2 36.2

Manual Integrations
APPROVED

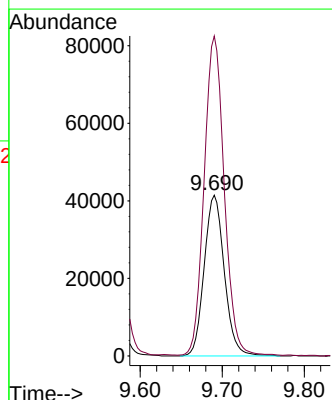
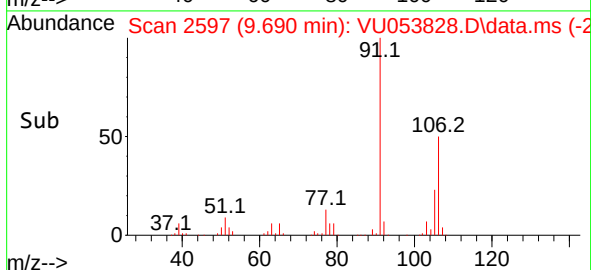
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

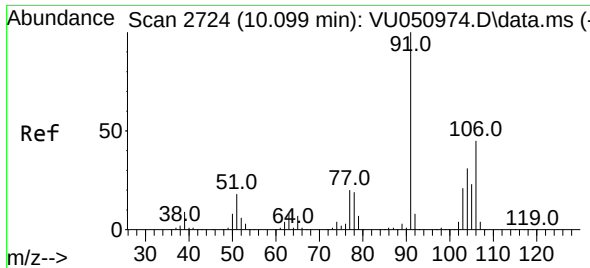


#64
m/p-Xylenes
Concen: 4.039 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42



Tgt Ion:106 Resp: 70773
Ion Ratio Lower Upper
106 100
91 197.9 167.3 250.9





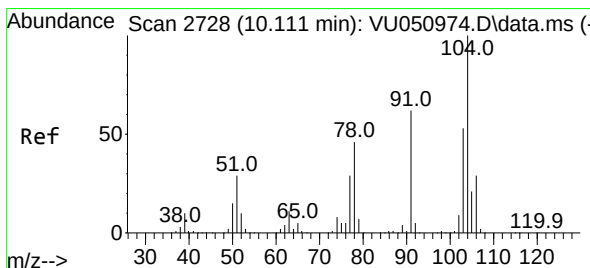
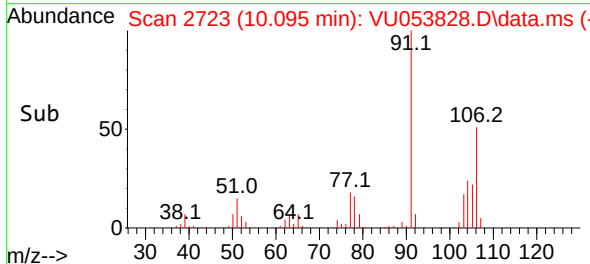
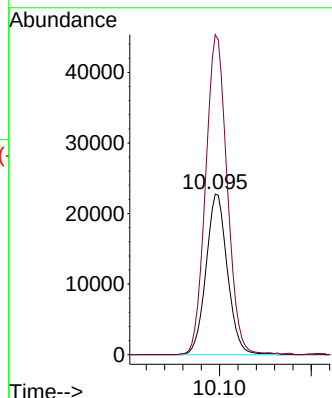
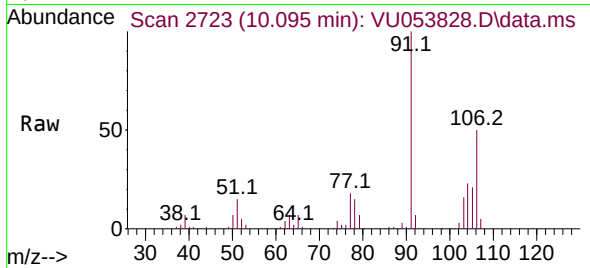
#65
o-Xylene
Concen: 2.084 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. -0.003 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

Instrument :
MSVOA_U
ClientSampleId :
VU0421WBSD02

Tgt Ion:106 Resp: 3682
Ion Ratio Lower Upper
106 100
91 201.3 109.3 327.9

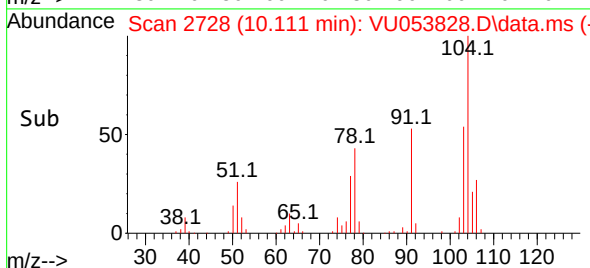
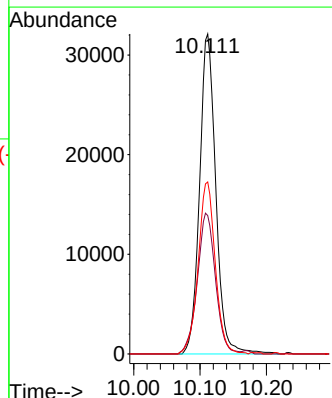
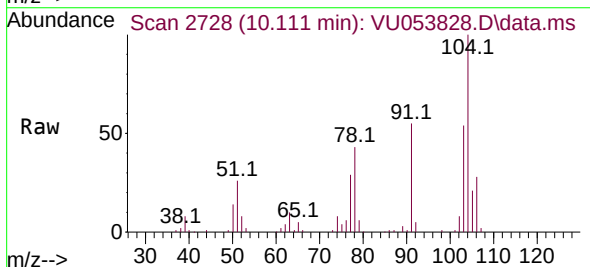
Manual Integrations
APPROVED

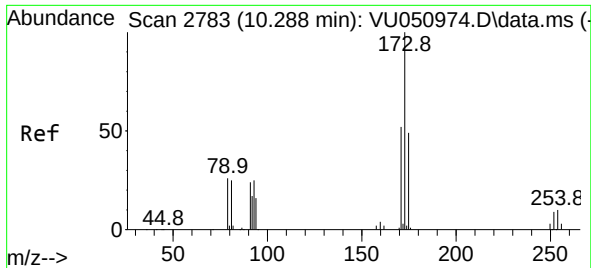
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#66
Styrene
Concen: 1.946 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

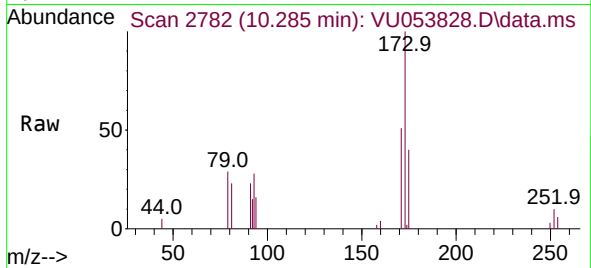
Tgt Ion:104 Resp: 54664
Ion Ratio Lower Upper
104 100
78 49.0 39.7 59.5
103 56.7 44.8 67.2





#67
Bromoform
Concen: 2.025 ug/l
RT: 10.285 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

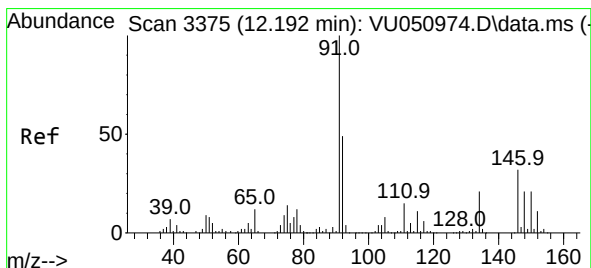
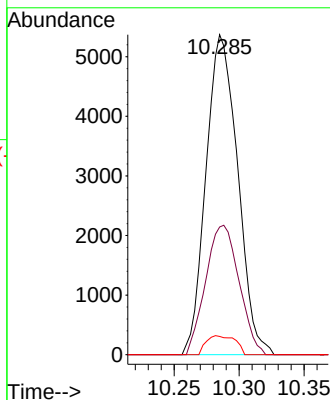
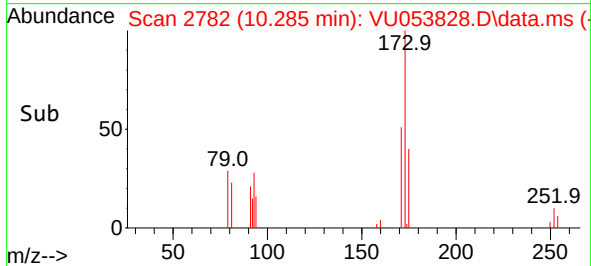
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBSD02



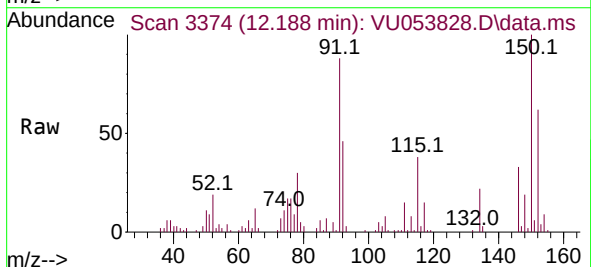
Tgt Ion:173 Resp: 910
Ion Ratio Lower Upper
173 100
175 42.6 39.0 58.6
254 5.4 7.4 11.0

Manual Integrations
APPROVED

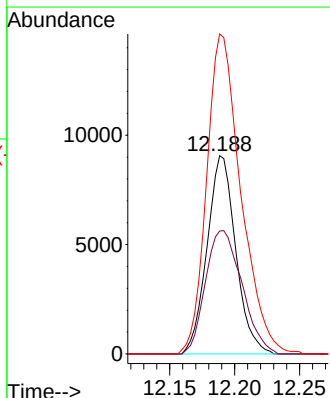
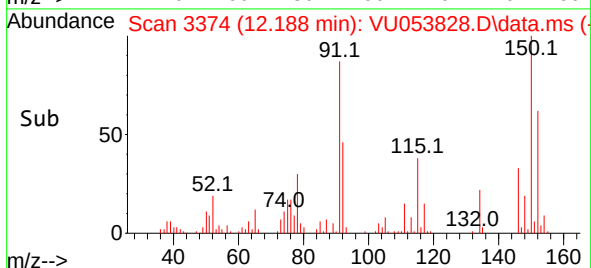
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

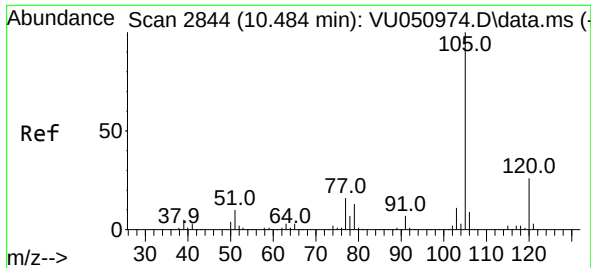


#68
1,2-Dichlorobenzene-d4
Concen: 0.918 ug/l
RT: 12.188 min Scan# 3374
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42



Tgt Ion:152 Resp: 13903
Ion Ratio Lower Upper
152 100
115 79.1 0.0 308.8
150 192.8 0.0 635.0





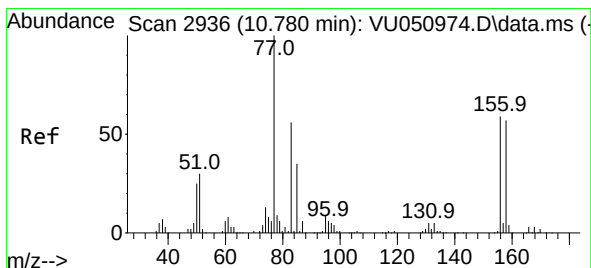
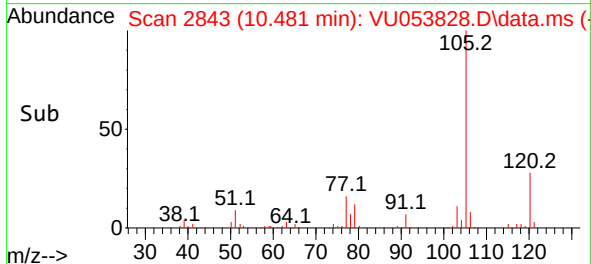
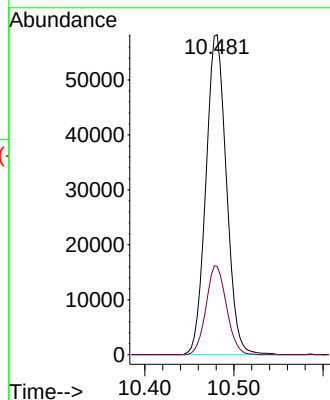
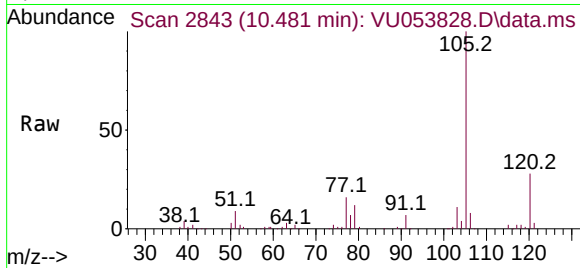
#69
Isopropylbenzene
Concen: 2.013 ug/l
RT: 10.481 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

Instrument :
MSVOA_U
ClientSampleId :
VU0421WBSD02

Tgt Ion:105 Resp: 9294
Ion Ratio Lower Upper
105 100
120 27.7 12.8 38.4

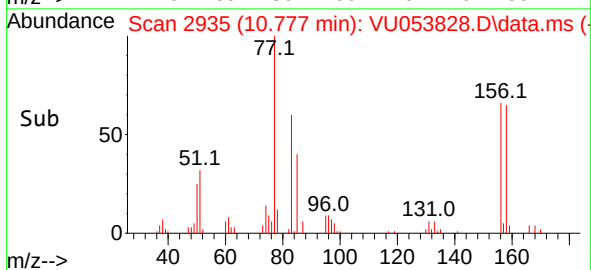
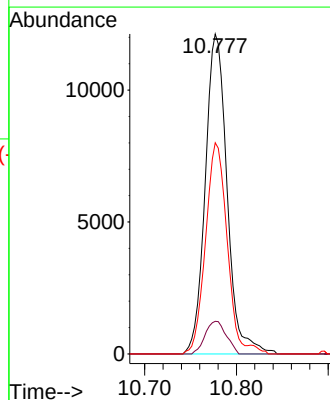
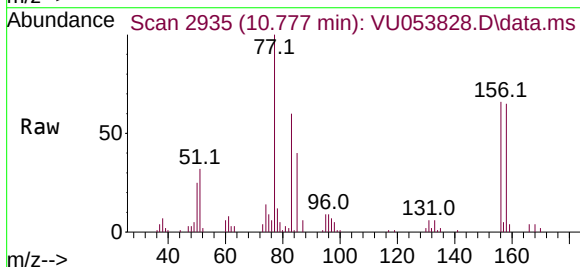
Manual Integrations
APPROVED

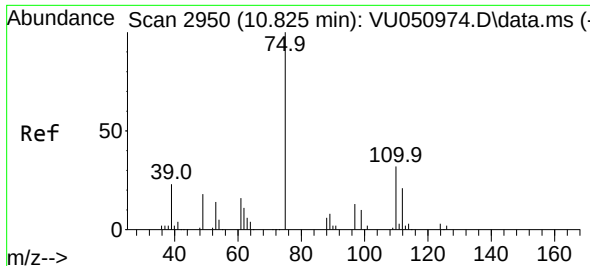
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 1.890 ug/l
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

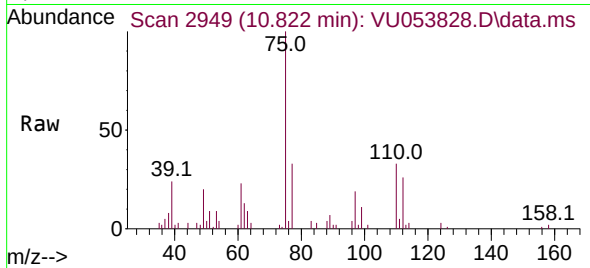
Tgt Ion: 83 Resp: 20023
Ion Ratio Lower Upper
83 100
131 9.9 7.2 10.8
85 65.6 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 1.269 ug/l m
RT: 10.822 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

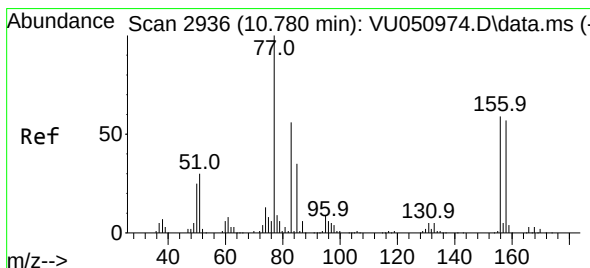
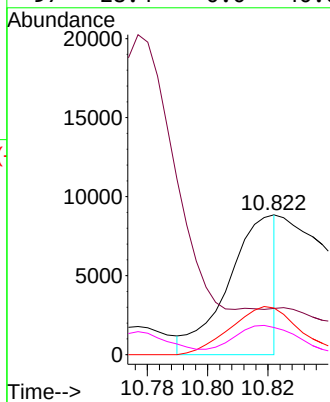
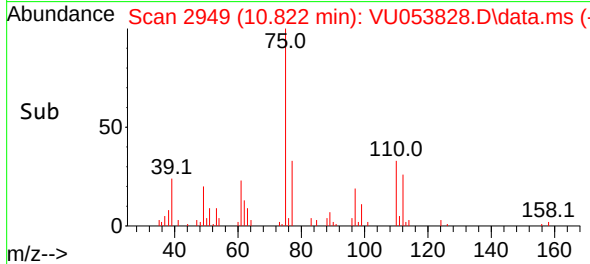
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBSD02



Tgt Ion:	75	Resp:	970
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	116.4
110	50.1	0.0	74.6
97	28.4	0.0	40.0

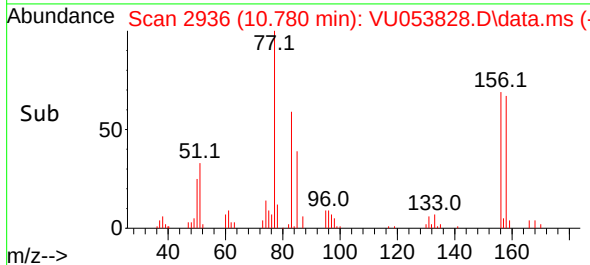
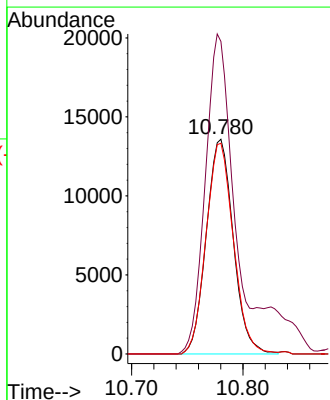
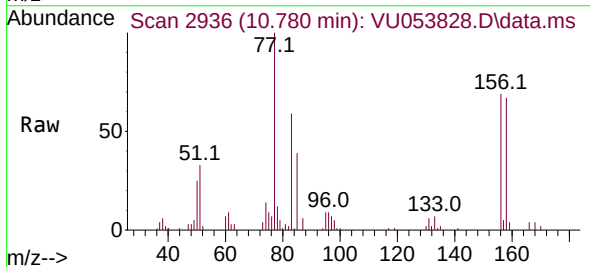
Manual Integrations
APPROVED

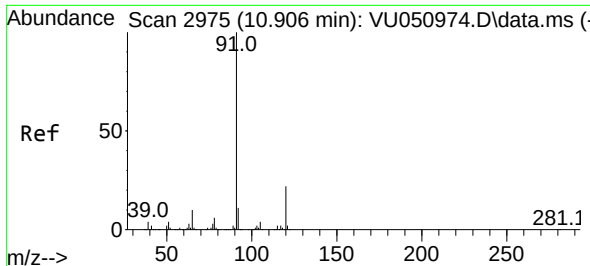
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#72
Bromobenzene
Concen: 1.932 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

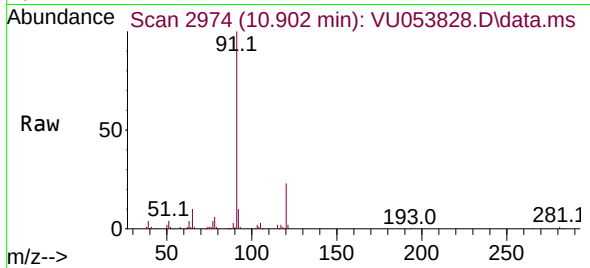
Tgt Ion:	156	Resp:	22887
Ion Ratio	Lower	Upper	
156	100		
77	150.5	0.0	343.0
158	99.5	0.0	194.8





#73
n-propylbenzene
Concen: 2.277 ug/l
RT: 10.902 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

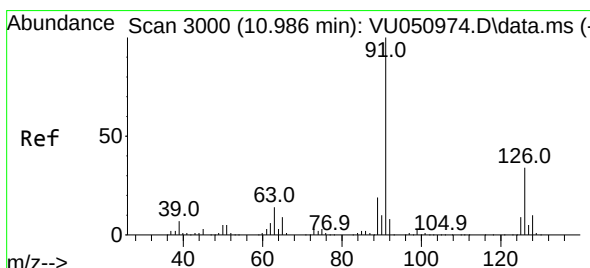
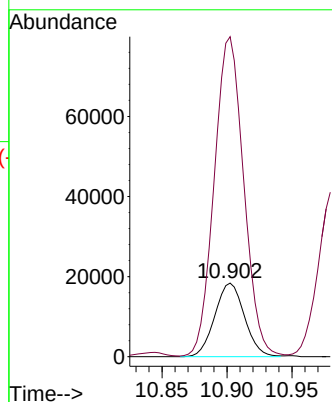
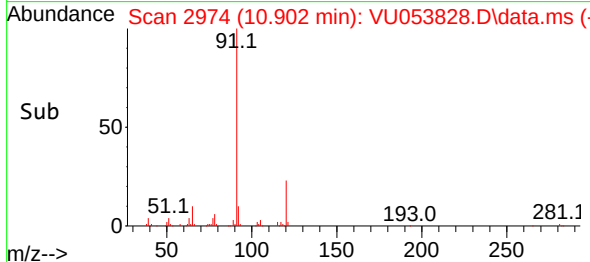
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBSD02



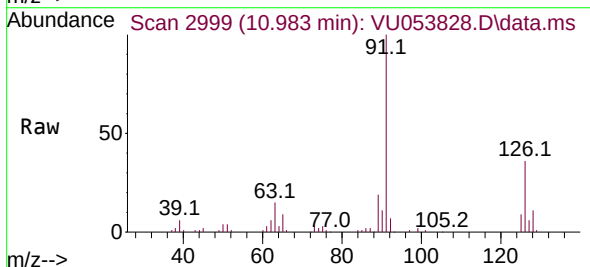
Tgt Ion:120 Resp: 2916
Ion Ratio Lower Upper
120 100
91 430.2 369.8 554.6

Manual Integrations
APPROVED

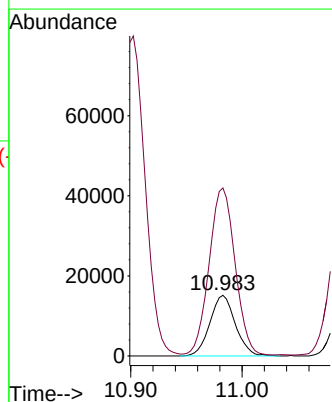
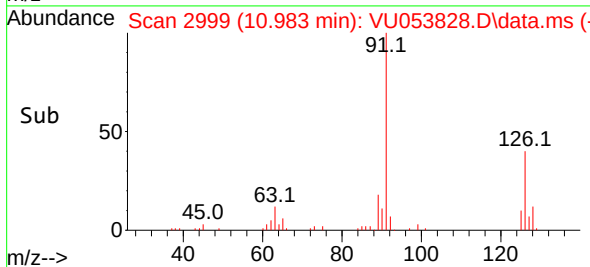
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

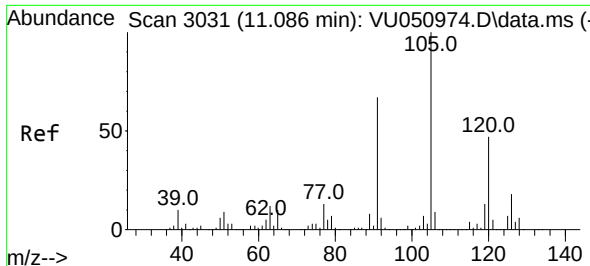


#74
2-Chlorotoluene
Concen: 1.984 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42



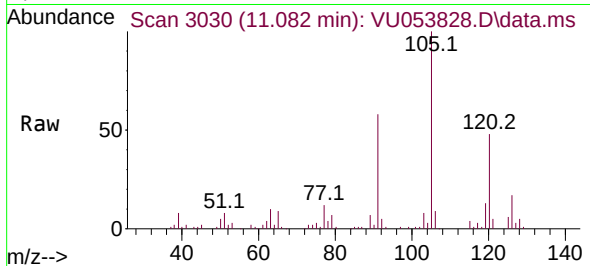
Tgt Ion:126 Resp: 24023
Ion Ratio Lower Upper
126 100
91 280.5 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 1.956 ug/l
RT: 11.082 min Scan# 3030
Delta R.T. -0.003 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

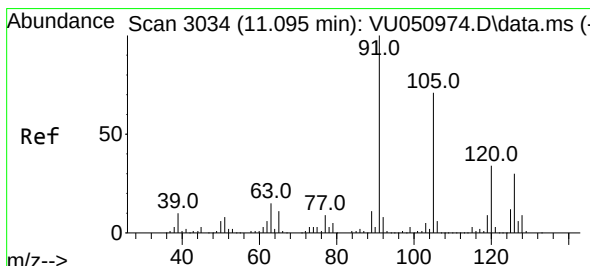
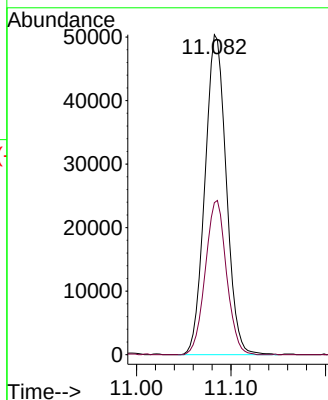
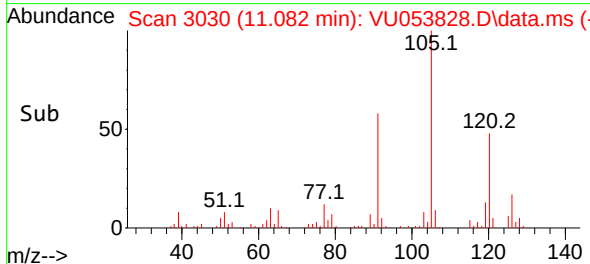
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBSD02



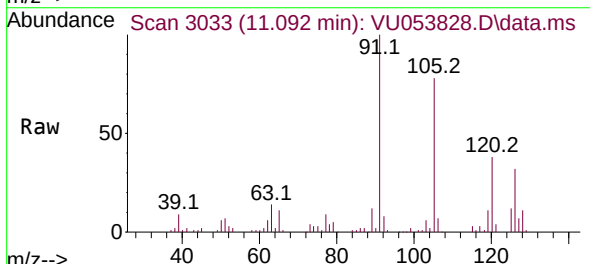
Tgt Ion:105 Resp: 7877
Ion Ratio Lower Upper
105 100
120 47.9 37.8 56.8

Manual Integrations
APPROVED

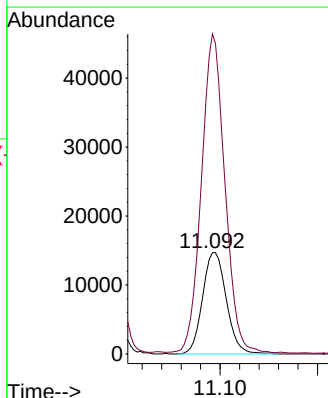
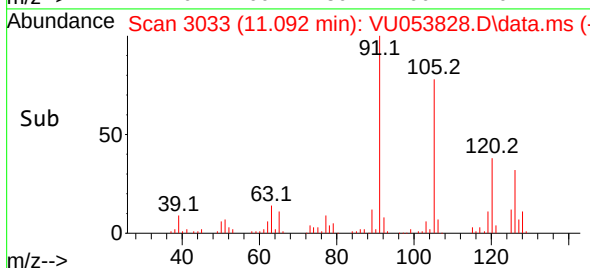
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

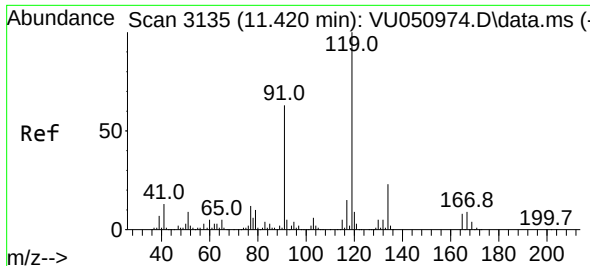


#76
4-Chlorotoluene
Concen: 2.018 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42



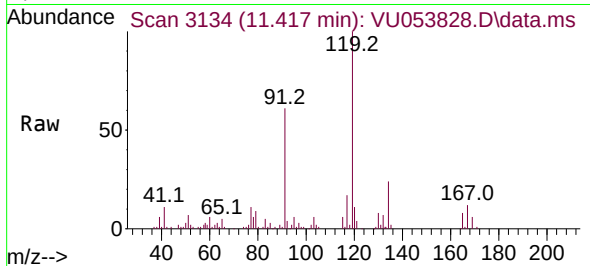
Tgt Ion:126 Resp: 24904
Ion Ratio Lower Upper
126 100
91 308.8 0.0 686.2





#77
tert-Butylbenzene
Concen: 1.934 ug/l
RT: 11.417 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

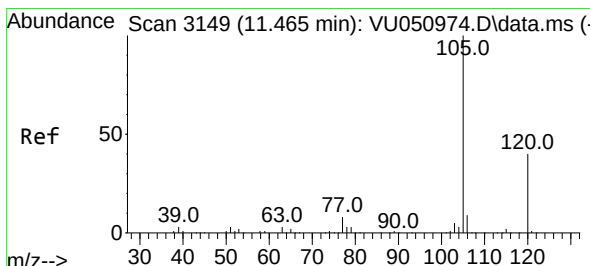
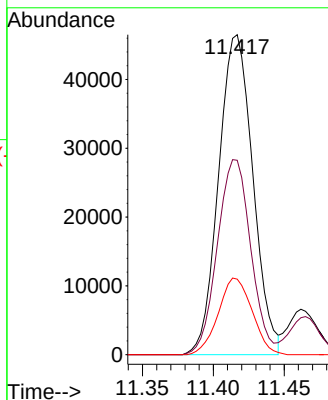
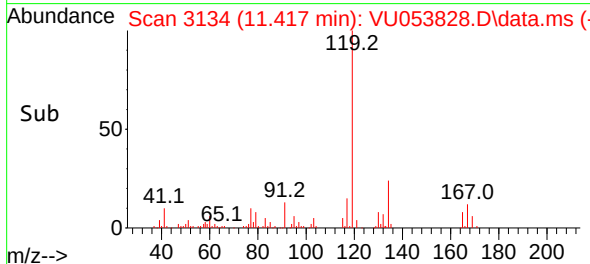
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBSD02



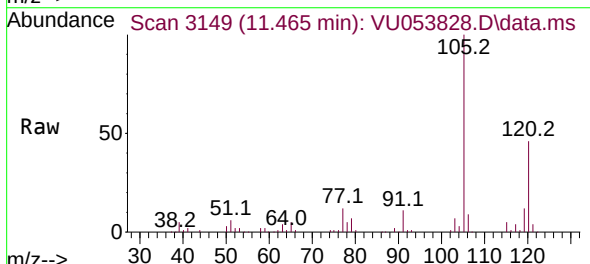
Tgt Ion:119 Resp: 7838
Ion Ratio Lower Upper
119 100
91 59.3 30.8 92.4
134 23.6 18.0 27.0

Manual Integrations
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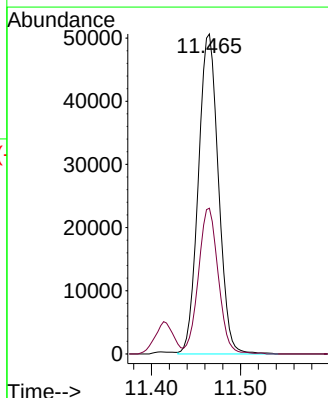
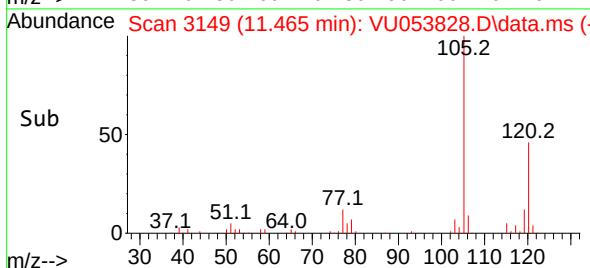
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023

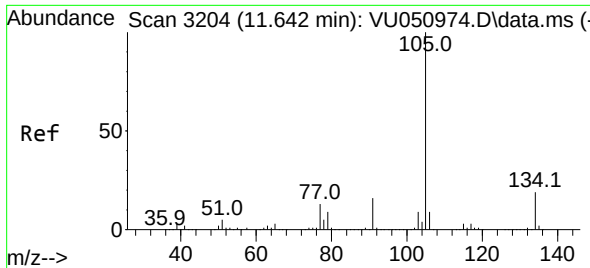


#78
1,2,4-Trimethylbenzene
Concen: 1.931 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42



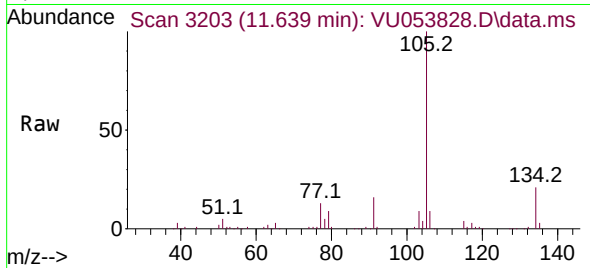
Tgt Ion:105 Resp: 79379
Ion Ratio Lower Upper
105 100
120 44.4 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 1.949 ug/l
 RT: 11.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053828.D
 Acq: 21 Apr 2023 16:42

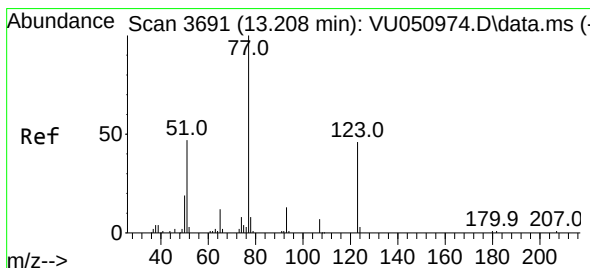
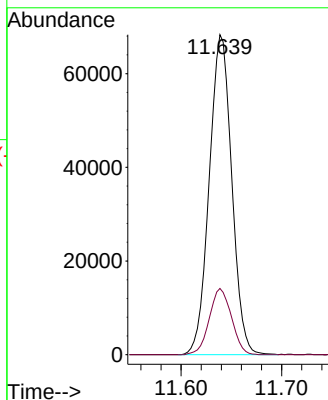
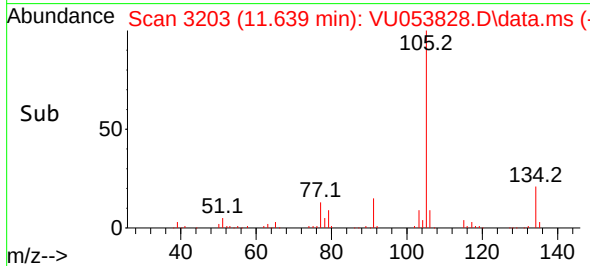
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0421WBSD02



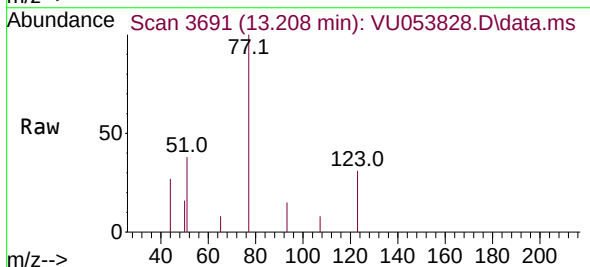
Tgt Ion:105 Resp: 106180
 Ion Ratio Lower Upper
 105 100
 134 20.4 14.9 22.3

Manual Integrations
 APPROVED

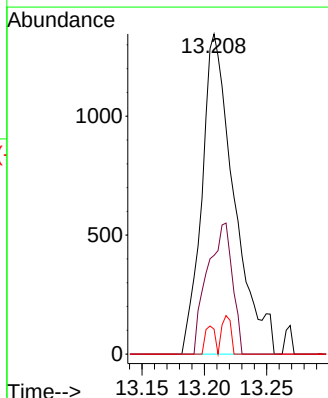
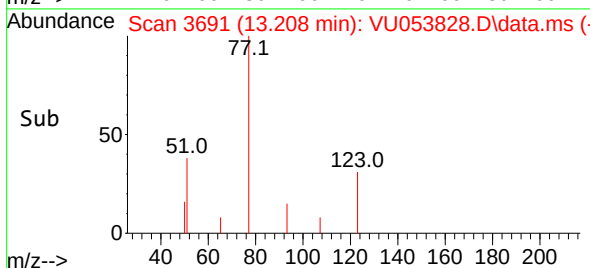
Reviewed By :Krupa Patel 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

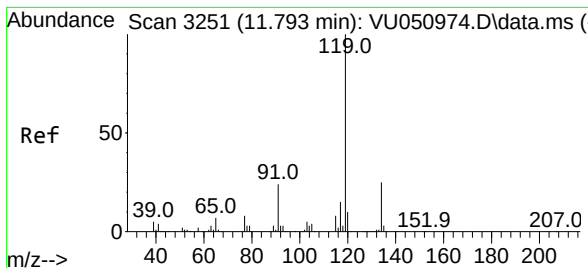


#80
 Nitrobenzene
 Concen: 7.189 ug/l
 RT: 13.208 min Scan# 3691
 Delta R.T. 0.006 min
 Lab File: VU053828.D
 Acq: 21 Apr 2023 16:42



Tgt Ion: 77 Resp: 2413
 Ion Ratio Lower Upper
 77 100
 123 0.0 19.7 69.7#
 65 2.6 11.5 14.7#





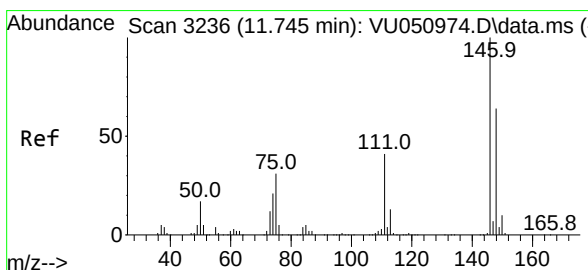
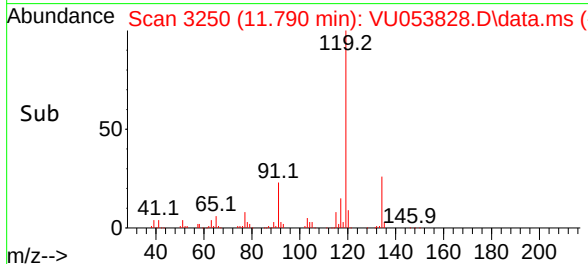
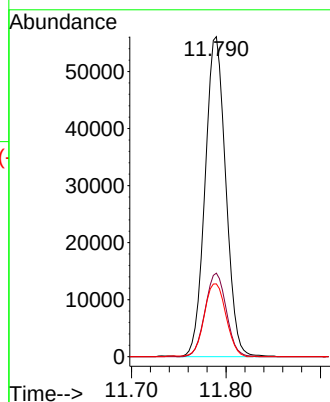
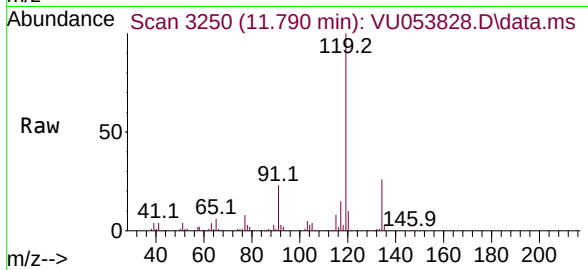
#81
p-Isopropyltoluene
Concen: 1.908 ug/l
RT: 11.790 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

Instrument :
MSVOA_U
ClientSampleId :
VU0421WBSD02

Tgt Ion:119 Resp: 8516
Ion Ratio Lower Upper
119 100
134 26.8 20.2 30.4
91 24.1 19.3 28.9

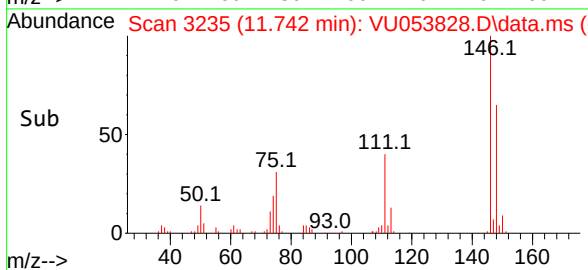
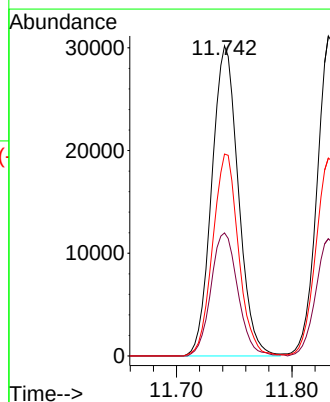
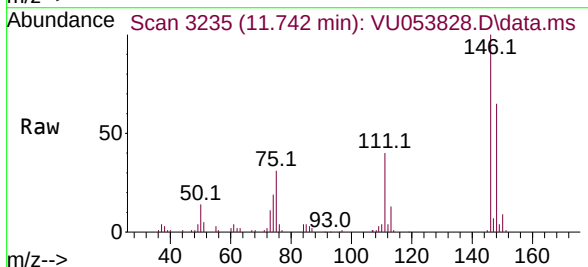
Manual Integrations
APPROVED

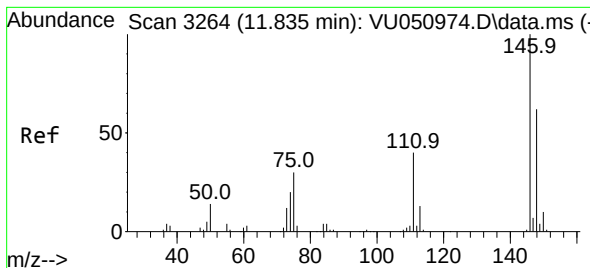
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#82
1,3-Dichlorobenzene
Concen: 1.908 ug/l
RT: 11.742 min Scan# 3235
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

Tgt Ion:146 Resp: 48323
Ion Ratio Lower Upper
146 100
111 40.1 32.6 49.0
148 63.3 51.0 76.4





#83

1,4-Dichlorobenzene

Concen: 1.921 ug/l

RT: 11.832 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053828.D

Acq: 21 Apr 2023 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBSD02

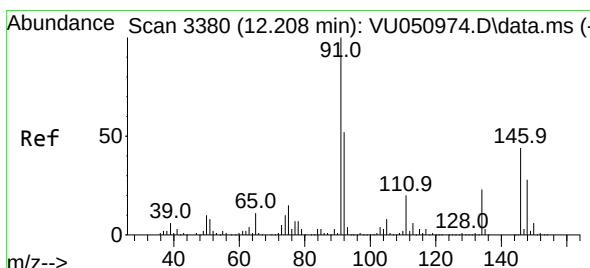
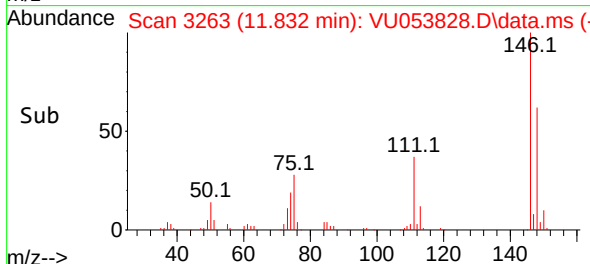
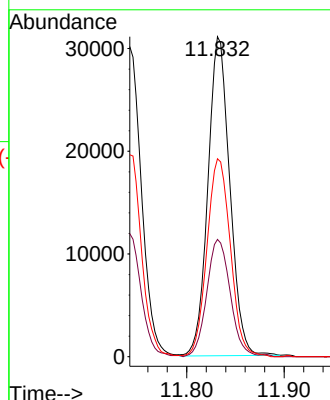
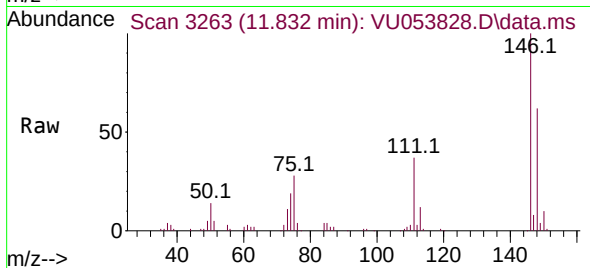
Tgt Ion:146 Resp: 48500
 Ion Ratio Lower Upper
 146 100
 111 39.2 31.6 47.4
 148 66.5 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#84

n-Butylbenzene

Concen: 2.021 ug/l

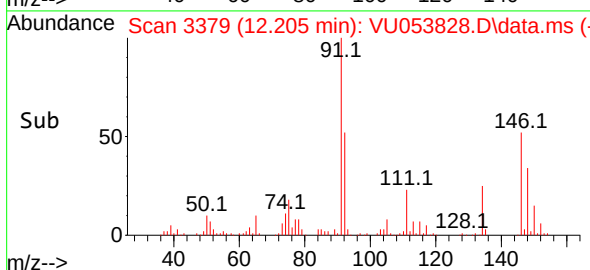
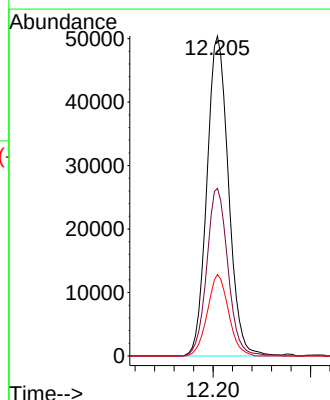
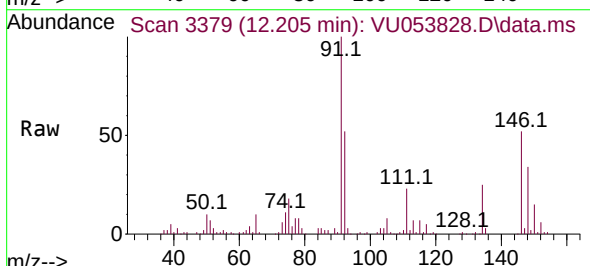
RT: 12.205 min Scan# 3379

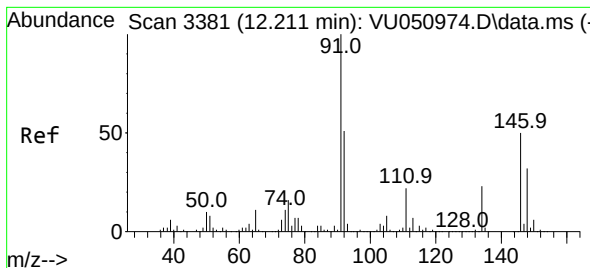
Delta R.T. -0.000 min

Lab File: VU053828.D

Acq: 21 Apr 2023 16:42

Tgt Ion: 91 Resp: 77527
 Ion Ratio Lower Upper
 91 100
 92 51.7 40.8 61.2
 134 25.0 18.4 27.6





#85

1,2-Dichlorobenzene

Concen: 1.869 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053828.D

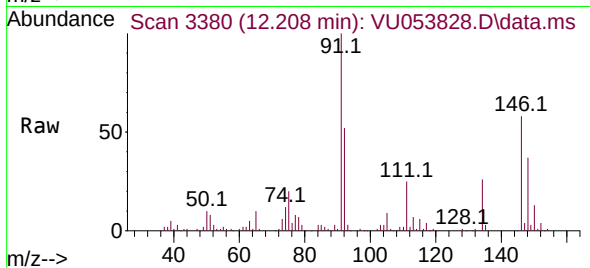
Acq: 21 Apr 2023 16:42

Instrument :

MSVOA_U

ClientSampleId :

VU0421WBSD02



Tgt Ion:146 Resp: 46270

Ion Ratio Lower Upper

146 100

111 42.0 21.6 64.6

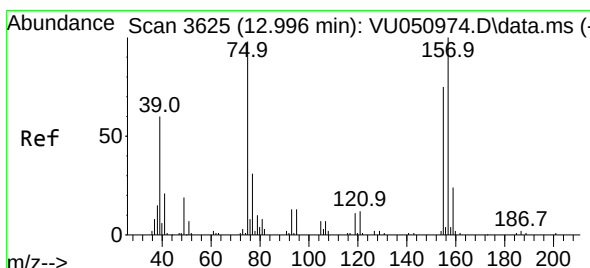
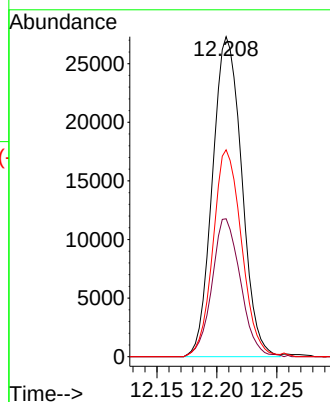
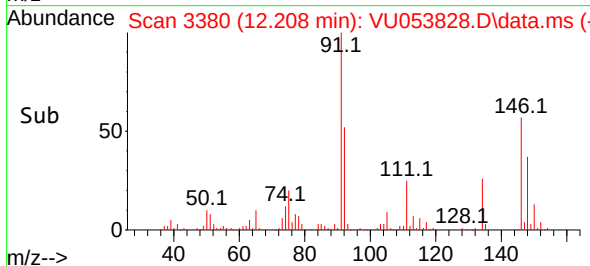
148 63.2 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/28/2023

Supervised By :Mahesh Dadoda 04/28/2023



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.647 ug/l

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU053828.D

Acq: 21 Apr 2023 16:42

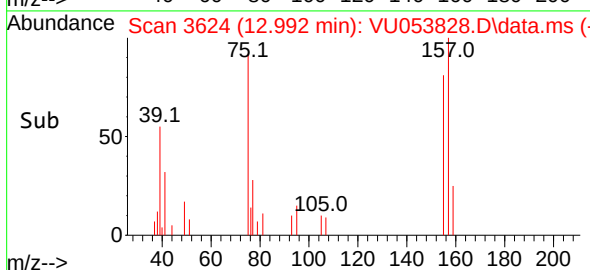
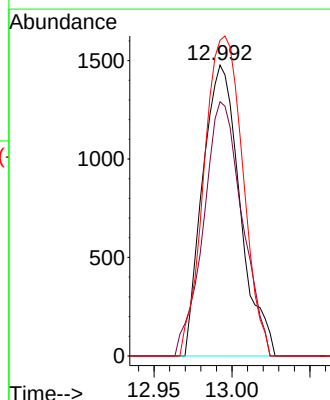
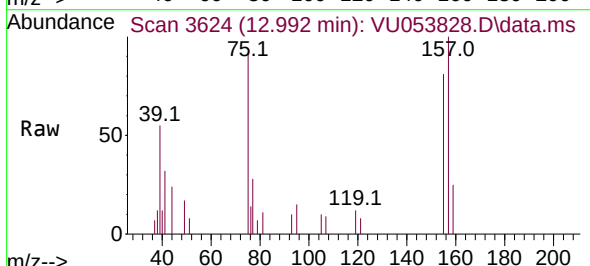
Tgt Ion: 75 Resp: 2457

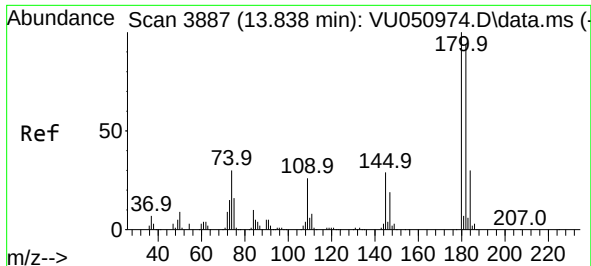
Ion Ratio Lower Upper

75 100

155 90.5 61.8 92.8

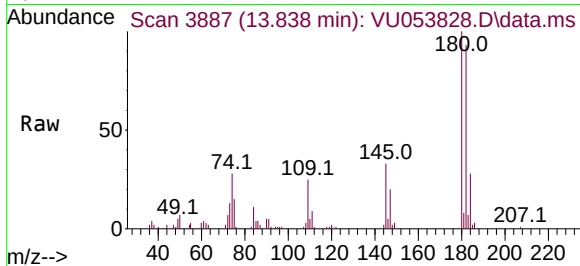
157 114.4 80.2 120.4





#87
1,2,4-Trichlorobenzene
Concen: 1.709 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

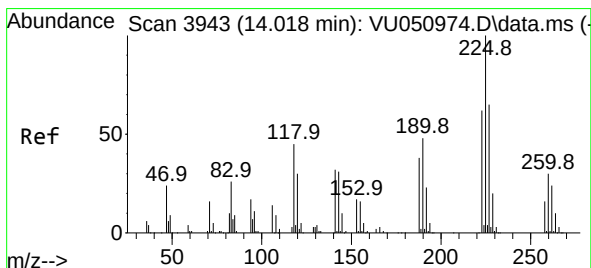
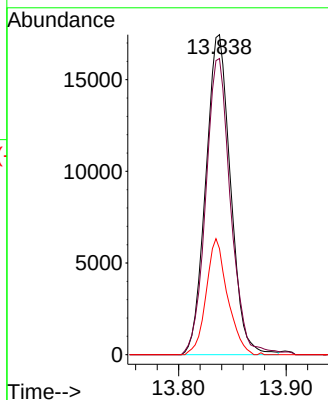
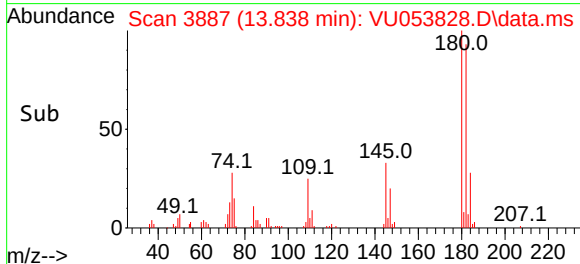
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBSD02



Tgt Ion:180 Resp: 27960
Ion Ratio Lower Upper
180 100
182 92.9 75.8 113.6
145 31.2 23.9 35.9

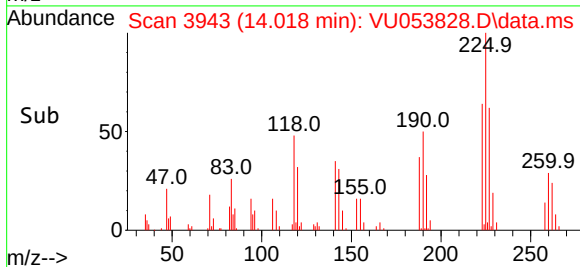
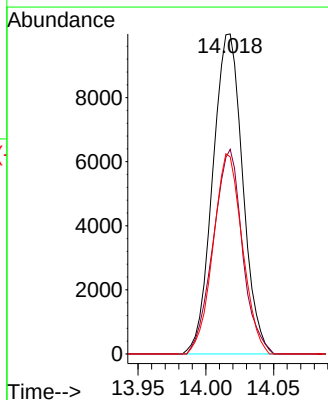
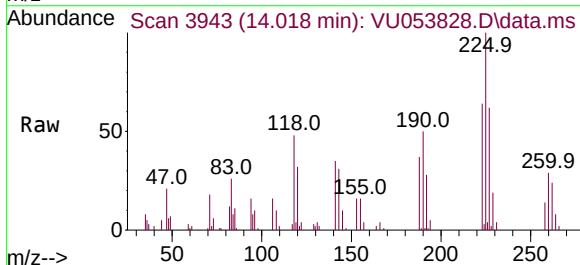
Manual Integrations
APPROVED

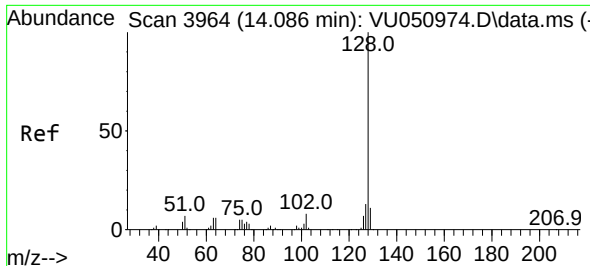
Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#88
Hexachlorobutadiene
Concen: 1.757 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.000 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

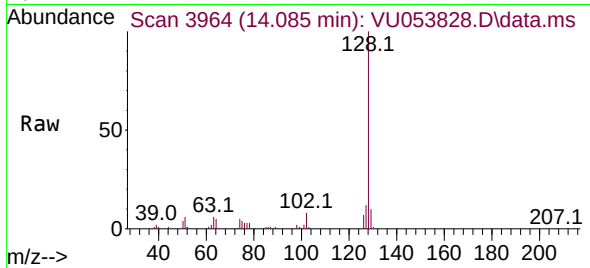
Tgt Ion:225 Resp: 15341
Ion Ratio Lower Upper
225 100
223 62.3 50.2 75.4
227 60.8 51.5 77.3





#89
Naphthalene
Concen: 1.532 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42

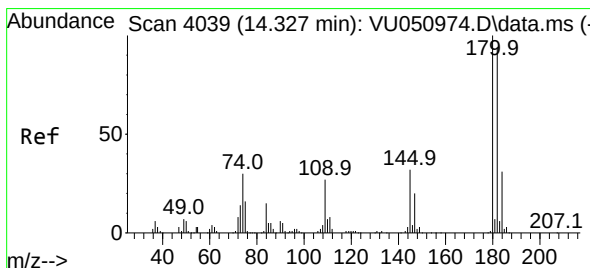
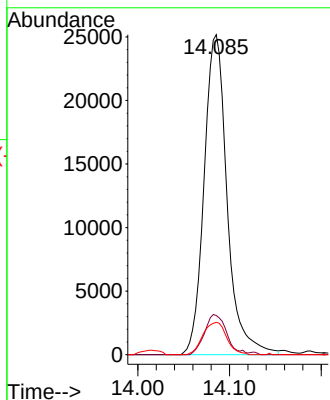
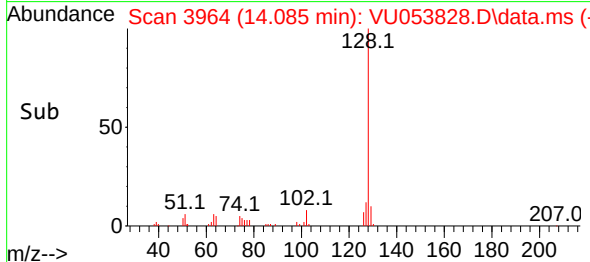
Instrument :
MSVOA_U
ClientSampleId :
VU0421WBSD02



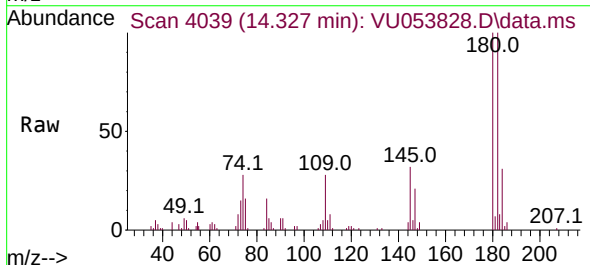
Tgt Ion:128 Resp: 43950
Ion Ratio Lower Upper
128 100
127 12.0 10.9 16.3
129 10.4 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/28/2023
Supervised By :Mahesh Dadoda 04/28/2023



#90
1,2,3-Trichlorobenzene
Concen: 1.497 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU053828.D
Acq: 21 Apr 2023 16:42



Tgt Ion:180 Resp: 23288
Ion Ratio Lower Upper
180 100
182 97.4 75.7 113.5
145 33.1 26.1 39.1

