

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032923\
 Data File : VU053468.D
 Acq On : 29 Mar 2023 16:22
 Operator : JC/MD
 Sample : VSTDIC015
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023

Quant Time: Mar 30 10:30:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U032923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Mar 30 09:48:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.108	96	47907	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	18152	1.049	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	19148	1.103	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	272516	15.736	ug/l	99
3) Chloromethane	1.517	50	251640	14.262	ug/l	99
4) Vinyl Chloride	1.601	62	277922	14.908	ug/l	98
5) Bromomethane	1.855	94	196638	14.674	ug/l	99
6) Chloroethane	1.929	64	222181	18.644	ug/l	100
7) Trichlorofluoromethane	2.121	101	508889	18.229	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.568	101	206342	14.913	ug/l	98
9) 1,1-Dichloroethene	2.568	96	190774	15.071	ug/l	90
10) Iodomethane	2.713	142	236141	15.000	ug/l	99
11) Allyl Chloride	2.912	41	224093	15.685	ug/l	94
12) Acrylonitrile	3.318	53	77523	32.577	ug/l	96
13) Acetone	2.642	43	308074	63.886	ug/l	98
14) Carbon Disulfide	2.781	76	593172	15.287	ug/l	99
15) Methylene Chloride	3.038	84	244143	14.924	ug/l	90
16) trans-1,2-Dichloroethene	3.343	96	209564	16.026	ug/l	91
17) 1,1-Dichloroethane	3.861	63	375702	15.742	ug/l	100
18) 2-Butanone	4.710	43	357674	72.879	ug/l	99
19) Cyclohexane	5.382	56	304624	15.500	ug/l	# 83
20) Methylcyclohexane	6.758	83	396452	16.148	ug/l	93
21) 2,2-Dichloropropane	4.658	77	323014	15.809	ug/l	99
22) cis-1,2-Dichloroethene	4.658	96	224403	15.790	ug/l	99
23) Diethyl Ether	2.369	59	144932	14.428	ug/l	92
24) tert-Butyl Alcohol	3.346	59	141799m	148.625	ug/l	
25) Methyl tert-Butyl Ether	3.359	73	451346	16.089	ug/l	96
26) Bromochloromethane	4.967	128	91951	16.059	ug/l	94
27) Chloroform	5.083	83	383923	15.496	ug/l	99
28) 1,1,1-Trichloroethane	5.311	97	343944	16.102	ug/l	98
29) 1,1-Dichloropropene	5.520	75	294458	15.931	ug/l	99
30) Carbon Tetrachloride	5.517	117	278633	16.390	ug/l	98
31) Isopropyl Ether	3.986	45	515426	15.697	ug/l	94
32) Ethyl-t-butyl ether	4.498	59	557507	16.529	ug/l	100
33) Tert-Amyl methyl ether	5.935	73	508753	16.964	ug/l	98
34) Propionitrile	4.797	54	67670	72.007	ug/l	# 11
35) Benzene	5.768	78	858665	15.881	ug/l	100
36) 1,2-Dichloroethane	5.787	62	235465	15.160	ug/l	99
37) Trichloroethene	6.536	130	222147	16.337	ug/l	99
38) 1,2-Dichloropropane	6.784	63	215411	15.548	ug/l	99
39) Methacrylonitrile	4.970	41	52188	15.456	ug/l	88
40) Methyl acrylate	4.842	55	96251	16.339	ug/l	# 96
41) Tetrahydrofuran	5.060	42	54334	30.853	ug/l	90
42) 1-Chlorobutane	5.453	56	379048	15.418	ug/l	95
43) Dibromomethane	6.912	93	107307	16.258	ug/l	93
44) Bromodichloromethane	7.099	83	269479	16.328	ug/l	99

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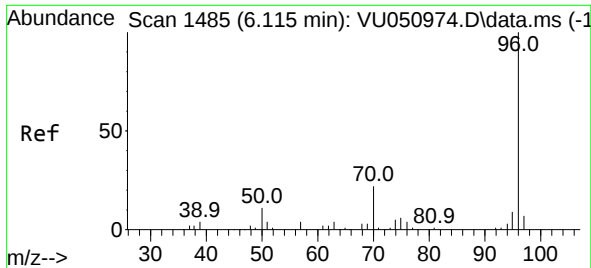
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.793	43	553872	80.898	ug/l	94
46) t-1,4-Dichloro-2-butene	10.835	75	143479m	38.611	ug/l	
47) Methyl methacrylate	6.957	69	199555	32.884	ug/l	93
48) Ethyl methacrylate	8.330	69	199701	16.969	ug/l	91
49) Toluene	7.964	92	537293	16.213	ug/l	99
50) t-1,3-Dichloropropene	8.205	75	268461	17.561	ug/l	100
51) cis-1,3-Dichloropropene	7.604	75	321029	16.956	ug/l	96
52) 1,1,2-Trichloroethane	8.395	97	154412	16.134	ug/l	98
53) 1,3-Dichloropropane	8.571	76	268248	16.248	ug/l	99
54) 2-Hexanone	8.690	43	543933	75.724	ug/l	94
55) Dibromochloromethane	8.806	129	171956	17.650	ug/l	100
56) 1,2-Dibromoethane	8.919	107	145961	16.553	ug/l	99
58) Tetrachloroethene	8.549	164	212290	16.694	ug/l	95
59) Chlorobenzene	9.443	112	594734	16.301	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.530	131	187405	16.899	ug/l	97
61) Pentachloroethane	11.427	117	129069	16.565	ug/l	99
62) Hexachloroethane	12.472	117	173219	14.909	ug/l	84
63) Ethyl Benzene	9.568	91	1077640	16.842	ug/l	97
64) m/p-Xylenes	9.690	106	829455	33.905	ug/l	98
65) o-Xylene	10.095	106	406256	16.969	ug/l	100
66) Styrene	10.111	104	657725	17.869	ug/l	99
67) Bromoform	10.292	173	84610	14.909	ug/l #	98
69) Isopropylbenzene	10.481	105	1068733	17.048	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.780	83	191523	16.624	ug/l	100
71) 1,2,3-Trichloropropane	10.835	75	163118m	17.779	ug/l	
72) Bromobenzene	10.780	156	226667	17.259	ug/l	98
73) n-propylbenzene	10.902	120	295577	17.847	ug/l	95
74) 2-Chlorotoluene	10.983	126	242621	16.945	ug/l	97
75) 1,3,5-Trimethylbenzene	11.086	105	928349	17.635	ug/l	99
76) 4-Chlorotoluene	11.095	126	258413	17.381	ug/l	97
77) tert-Butylbenzene	11.417	119	855936	17.542	ug/l	99
78) 1,2,4-Trimethylbenzene	11.465	105	940710	17.547	ug/l	100
79) sec-Butylbenzene	11.642	105	1219398	17.351	ug/l	100
80) Nitrobenzene	13.205	77	27231	94.075	ug/l #	93
81) p-Isopropyltoluene	11.790	119	979509	17.743	ug/l	99
82) 1,3-Dichlorobenzene	11.742	146	478209	17.085	ug/l	98
83) 1,4-Dichlorobenzene	11.835	146	479676	16.935	ug/l	99
84) n-Butylbenzene	12.205	91	981844	18.001	ug/l	98
85) 1,2-Dichlorobenzene	12.211	146	449006	16.929	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.992	75	30496	17.429	ug/l	98
87) 1,2,4-Trichlorobenzene	13.838	180	269983	17.452	ug/l	98
88) Hexachlorobutadiene	14.018	225	124757	16.862	ug/l	98
89) Naphthalene	14.082	128	556609	17.883	ug/l	98
90) 1,2,3-Trichlorobenzene	14.327	180	240786	18.066	ug/l	98

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

Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.108 min Scan# 14
Delta R.T. -0.007 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

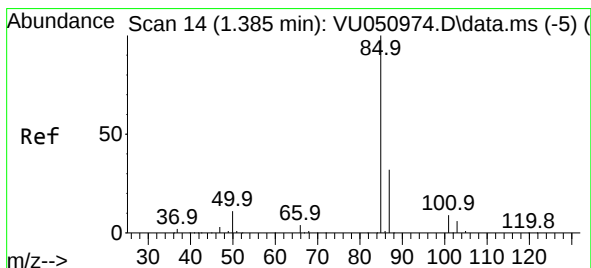
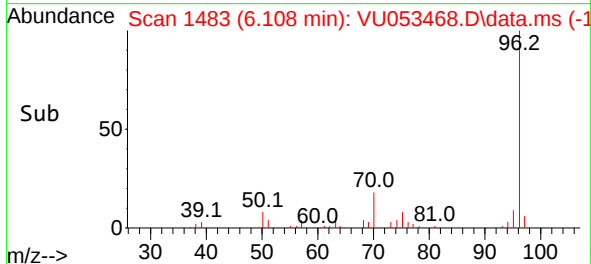
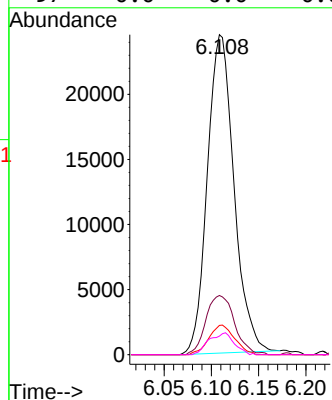
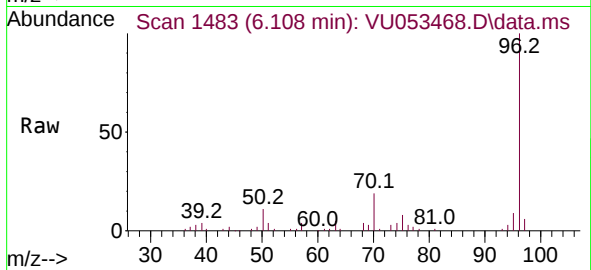
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion: 96 Resp: 4790

Ion	Ratio	Lower	Upper
96	100		
70	20.0	16.5	24.7
95	0.0	7.4	11.0
97	0.0	0.0	0.0

Manual Integrations
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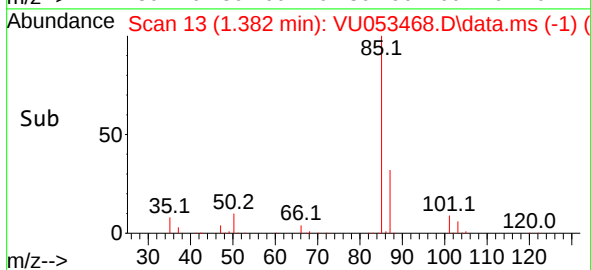
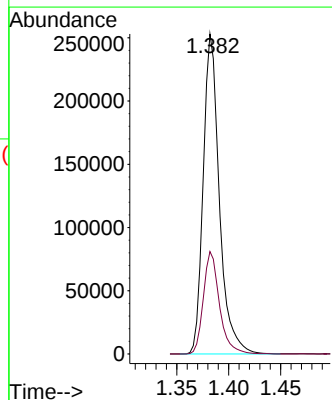
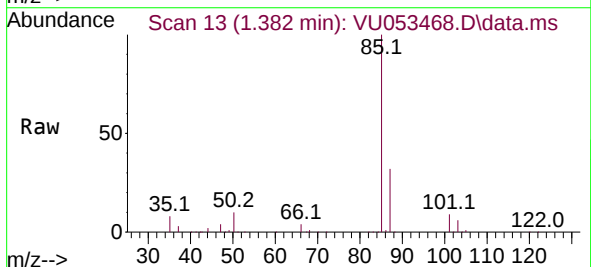
Reviewed By :Krupa Patel 04/07/2023
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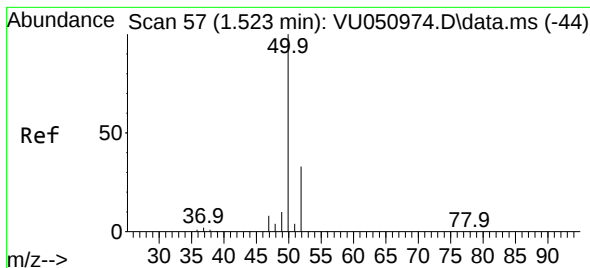


#2
Dichlorodifluoromethane
Concen: 15.736 ug/l
RT: 1.382 min Scan# 13
Delta R.T. -0.003 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

Tgt Ion: 85 Resp: 272516

Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.2	48.6





#3

Chloromethane

Concen: 14.262 ug/l

RT: 1.517 min Scan# 50

Delta R.T. -0.006 min

Lab File: VU053468.D

Acq: 29 Mar 2023 16:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 50 Resp: 251640

Ion Ratio Lower Upper

50 100

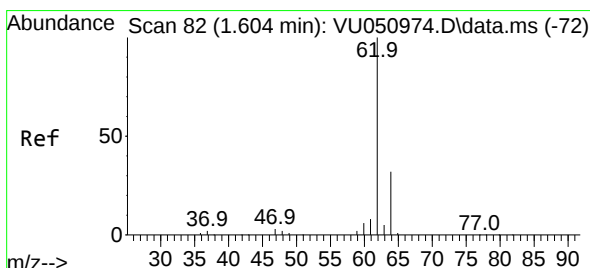
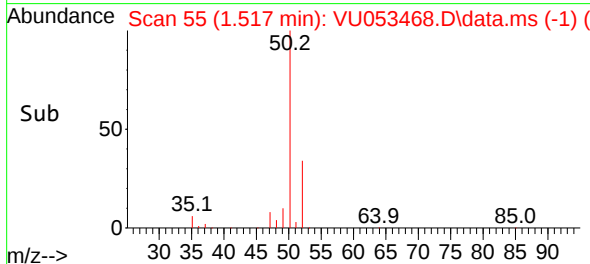
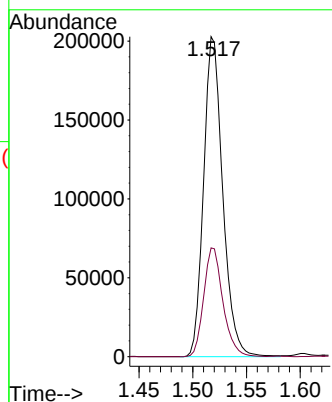
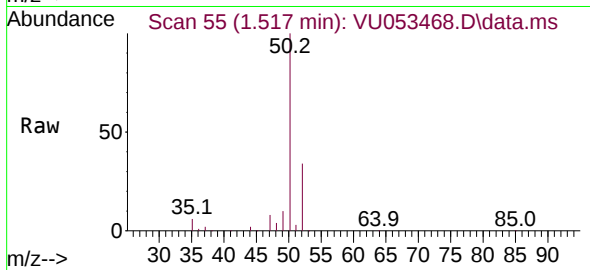
52 34.0 26.6 40.0

Manual Integrations

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Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#4

Vinyl Chloride

Concen: 14.908 ug/l

RT: 1.601 min Scan# 81

Delta R.T. -0.003 min

Lab File: VU053468.D

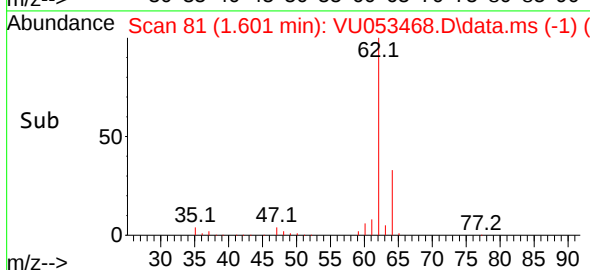
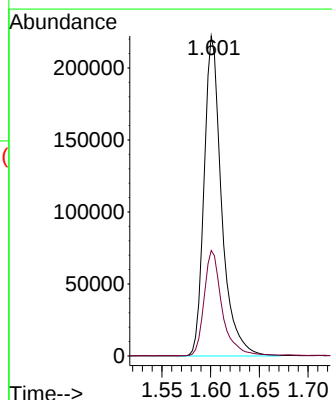
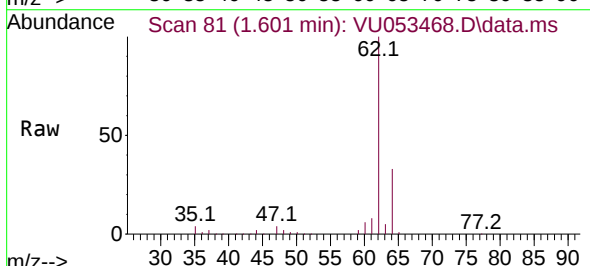
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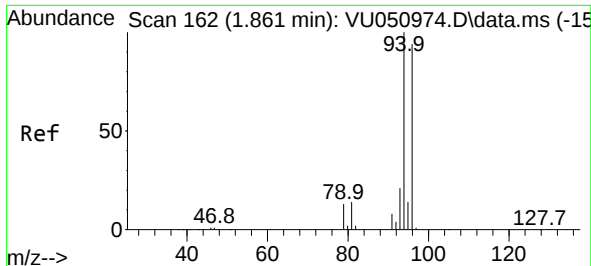
Tgt Ion: 62 Resp: 277922

Ion Ratio Lower Upper

62 100

64 32.8 25.4 38.2





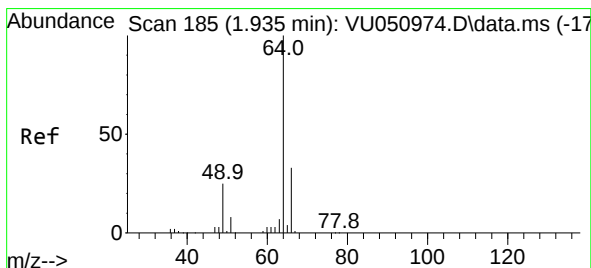
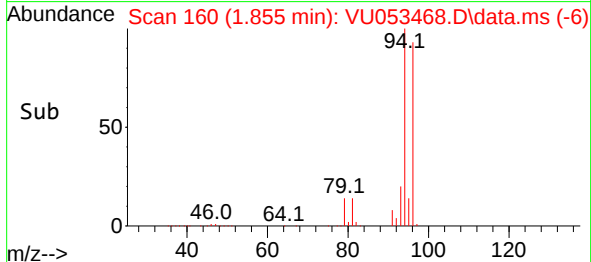
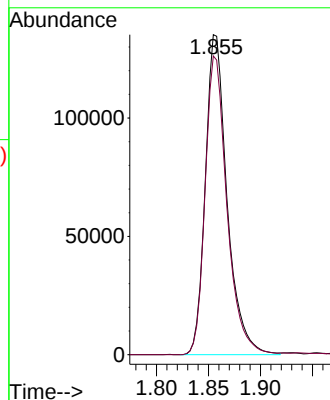
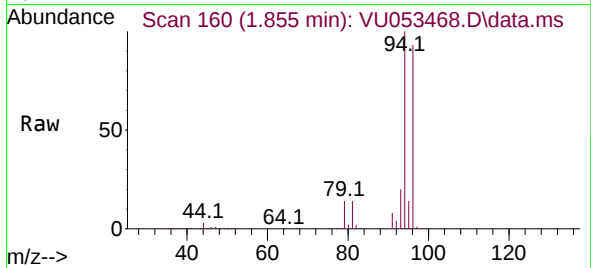
#5
Bromomethane
Concen: 14.674 ug/l
RT: 1.855 min Scan# 162
Delta R.T. -0.006 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion: 94 Resp: 196638
Ion Ratio Lower Upper
94 100
96 93.4 75.4 113.2

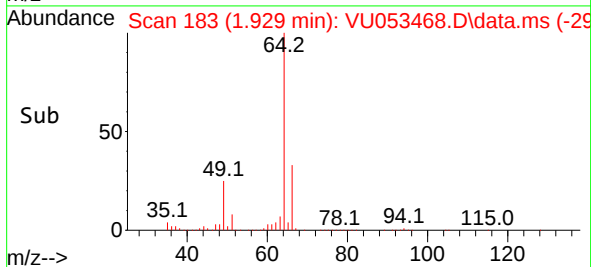
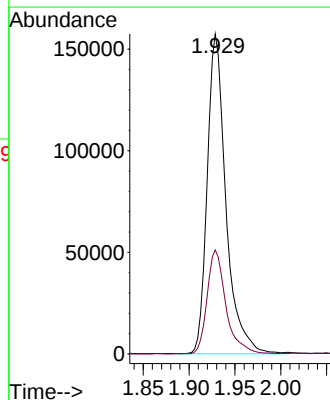
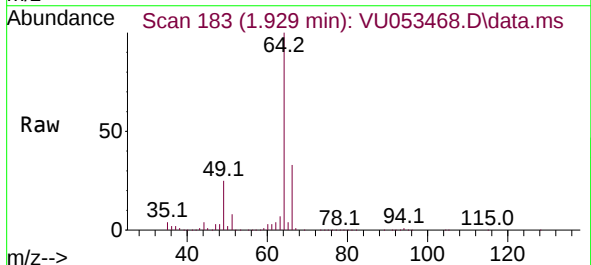
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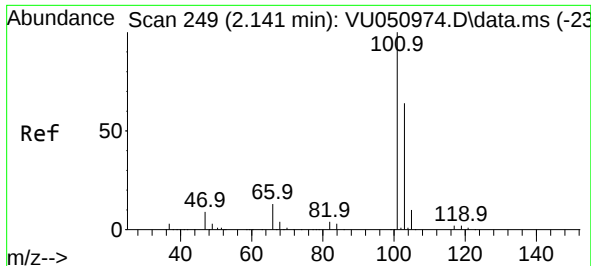
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#6
Chloroethane
Concen: 18.644 ug/l
RT: 1.929 min Scan# 183
Delta R.T. -0.006 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

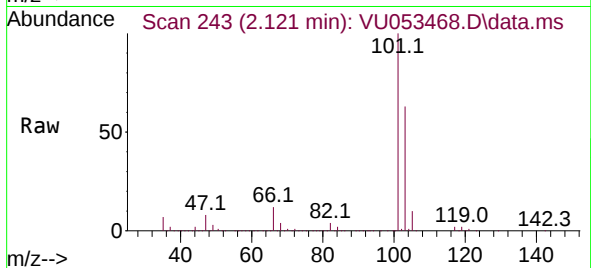
Tgt Ion: 64 Resp: 222181
Ion Ratio Lower Upper
64 100
66 32.4 26.0 39.0





#7
Trichlorofluoromethane
Concen: 18.229 ug/l
RT: 2.121 min Scan# 249
Delta R.T. -0.019 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

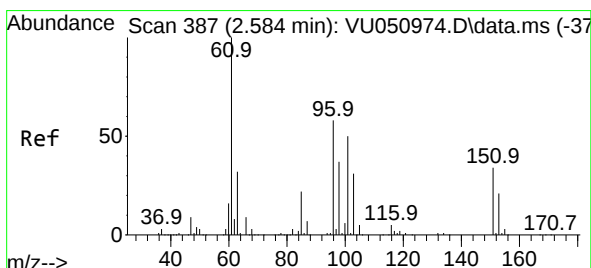
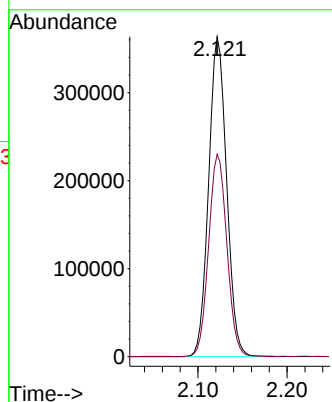
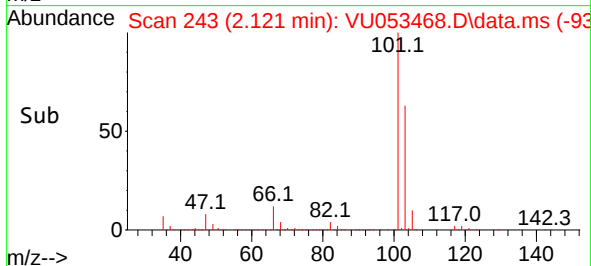
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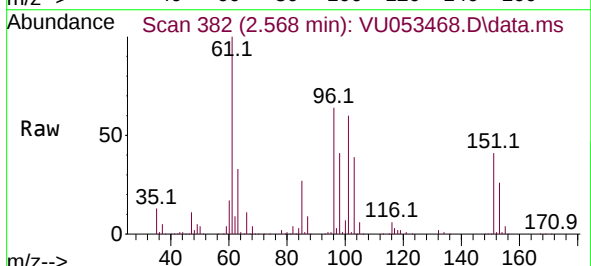
Tgt Ion:101 Resp: 508889
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.0

Manual Integrations
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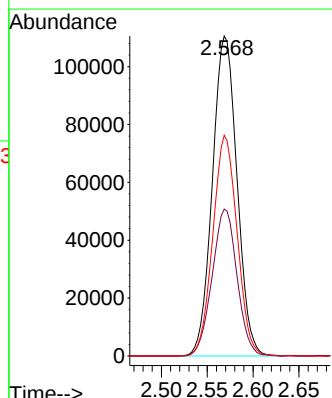
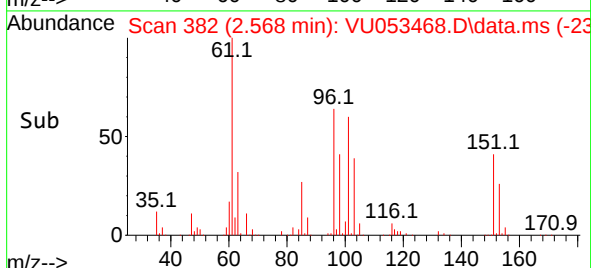
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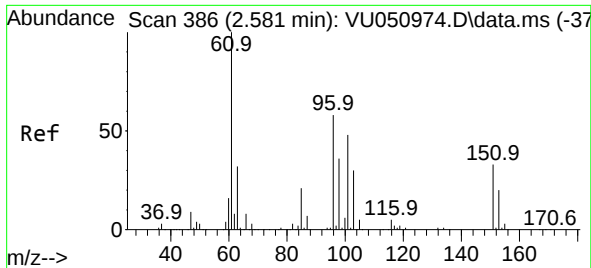


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 14.913 ug/l
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22



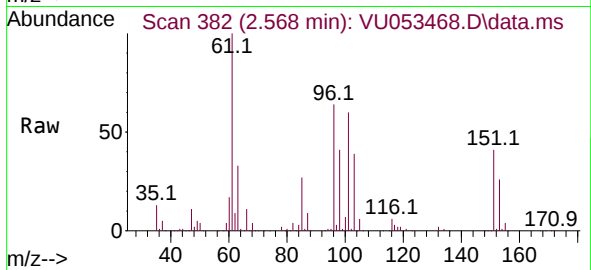
Tgt Ion:101 Resp: 206342
Ion Ratio Lower Upper
101 100
85 46.4 35.4 53.0
151 68.0 54.0 81.0





#9
1,1-Dichloroethene
Concen: 15.071 ug/l
RT: 2.568 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

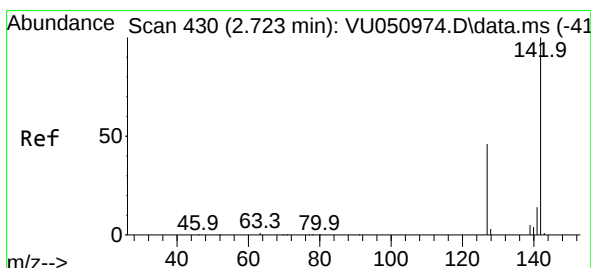
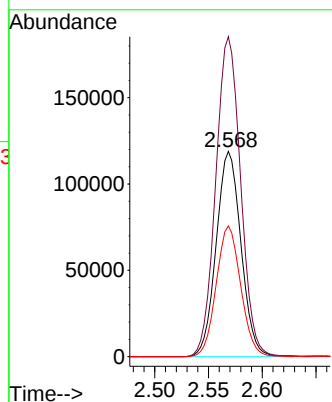
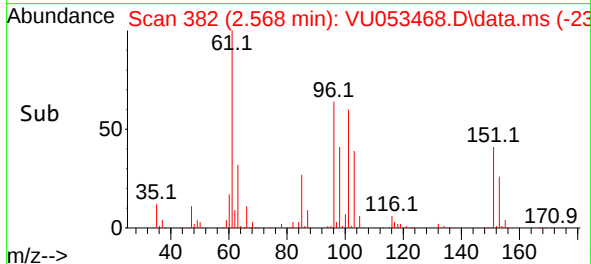
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



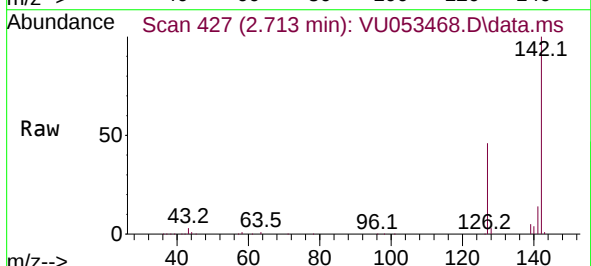
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Ion Ratio Lower Upper
96 100
61 155.9 0.0 521.4
98 63.7 0.0 125.8

Manual Integrations
APPROVED

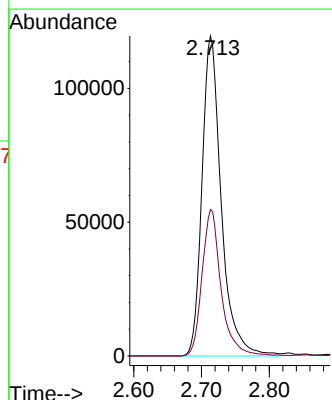
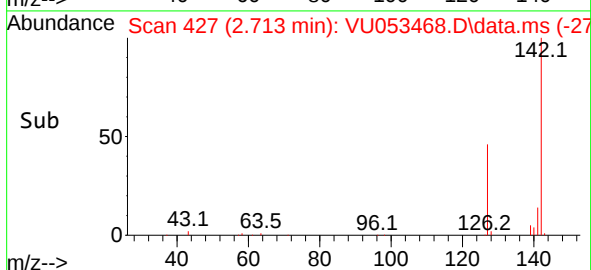
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

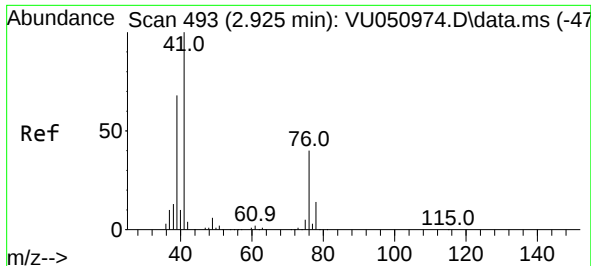


#10
Iodomethane
Concen: 15.000 ug/l
RT: 2.713 min Scan# 427
Delta R.T. -0.010 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22



Tgt Ion:142 Resp: 236141
Ion Ratio Lower Upper
142 100
127 45.4 35.9 53.9





#11

Allyl Chloride

Concen: 15.685 ug/l

RT: 2.912 min Scan# 41

Delta R.T. -0.013 min

Lab File: VU053468.D

Acq: 29 Mar 2023 16:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 41 Resp: 22409

Ion Ratio Lower Upper

41 100

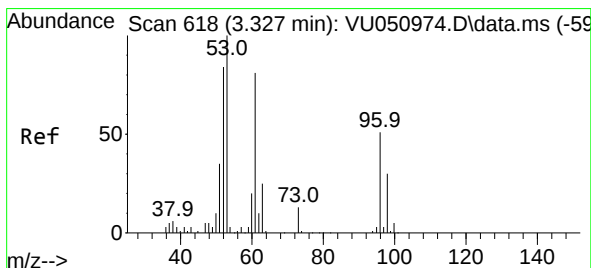
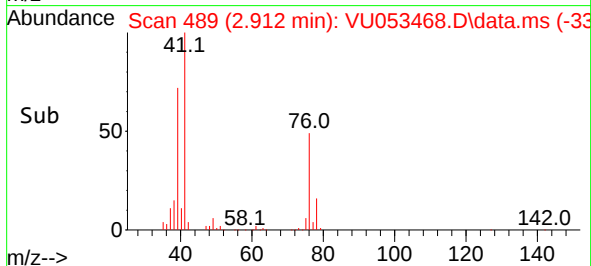
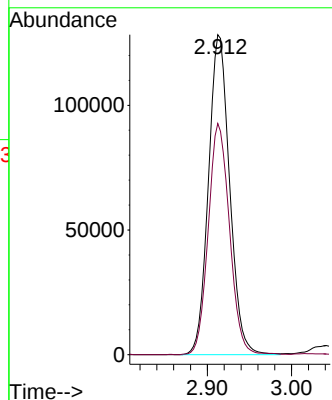
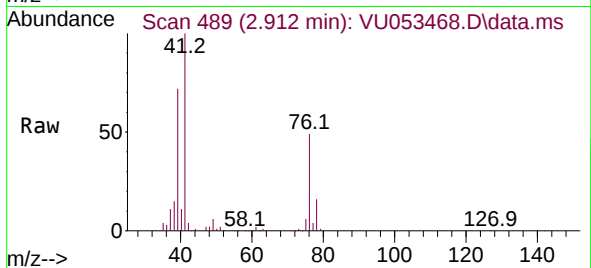
39 72.6 54.2 81.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#12

Acrylonitrile

Concen: 32.577 ug/l

RT: 3.318 min Scan# 615

Delta R.T. -0.010 min

Lab File: VU053468.D

Acq: 29 Mar 2023 16:22

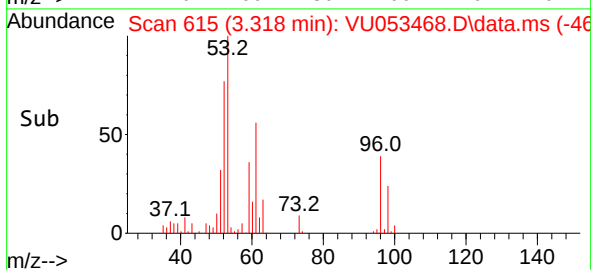
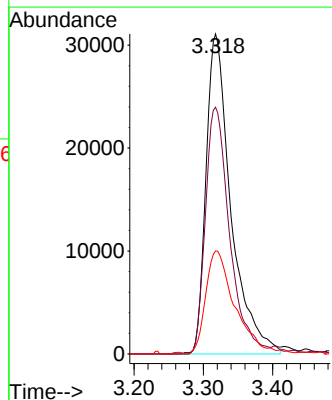
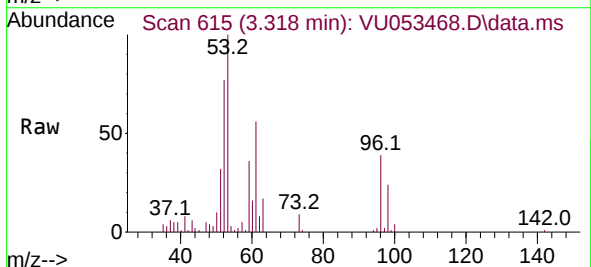
Tgt Ion: 53 Resp: 77523

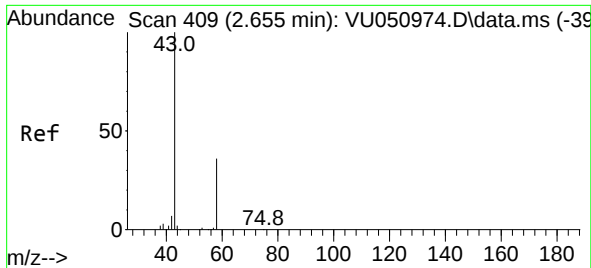
Ion Ratio Lower Upper

53 100

52 75.1 62.9 94.3

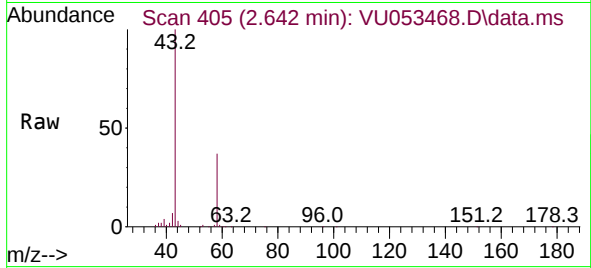
51 37.3 27.8 41.6





#13
Acetone
Concen: 63.886 ug/l
RT: 2.642 min Scan# 405
Delta R.T. -0.013 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

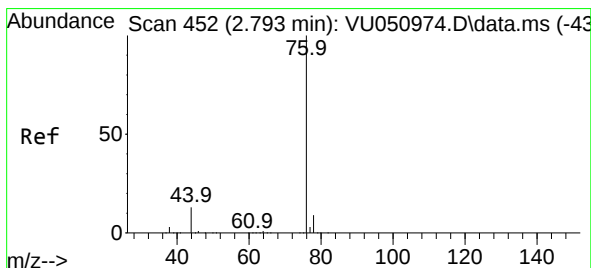
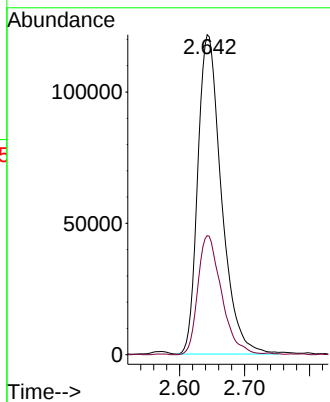
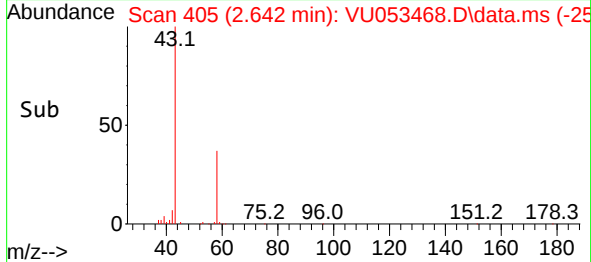
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



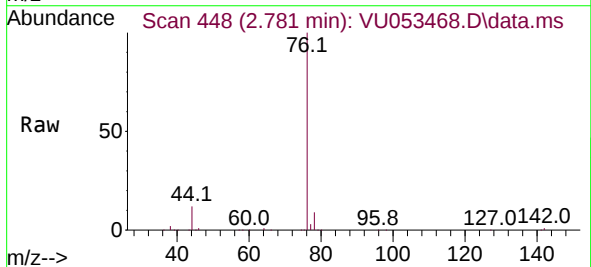
Tgt Ion: 43 Resp: 308074
Ion Ratio Lower Upper
43 100
58 37.3 29.0 43.4

Manual Integrations
APPROVED

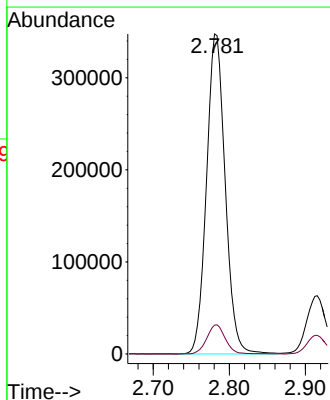
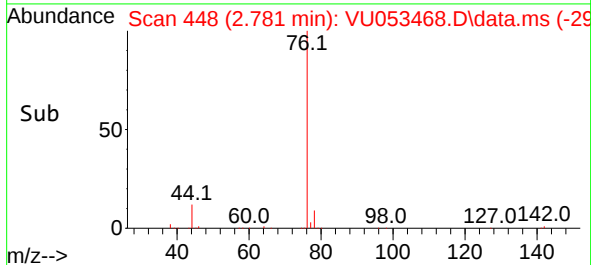
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

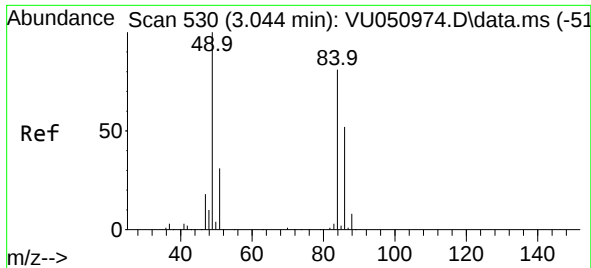


#14
Carbon Disulfide
Concen: 15.287 ug/l
RT: 2.781 min Scan# 448
Delta R.T. -0.012 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22



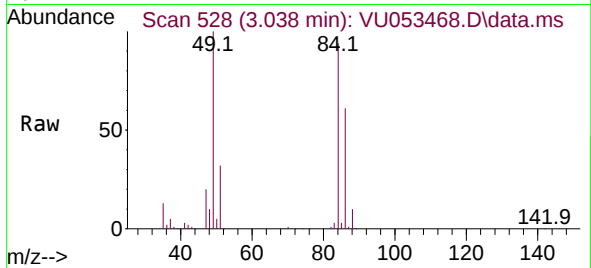
Tgt Ion: 76 Resp: 593172
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0





#15
Methylene Chloride
Concen: 14.924 ug/l
RT: 3.038 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

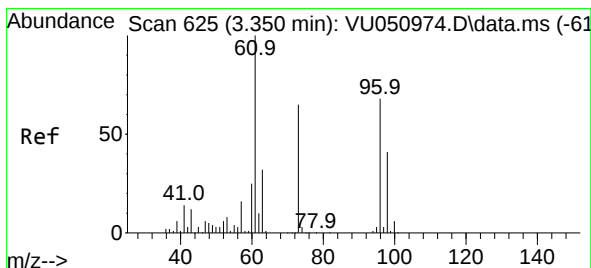
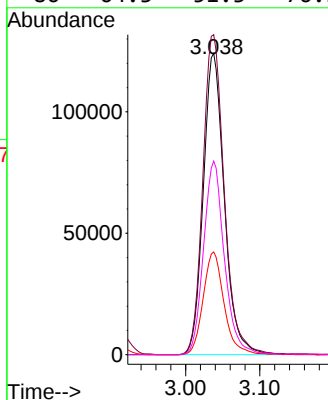
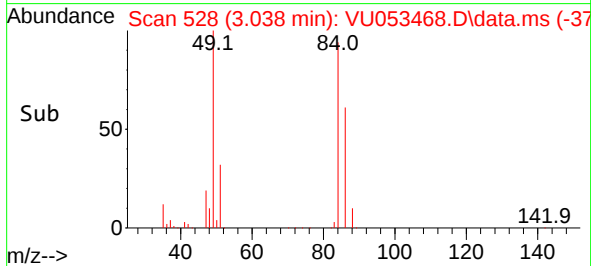
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 84 Resp: 24414
Ion Ratio Lower Upper
84 100
49 106.2 98.9 148.3
51 34.1 0.0 75.4
86 64.3 51.3 76.9

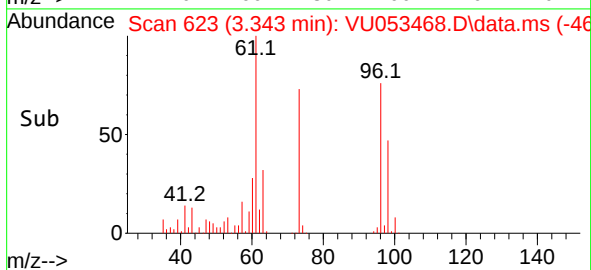
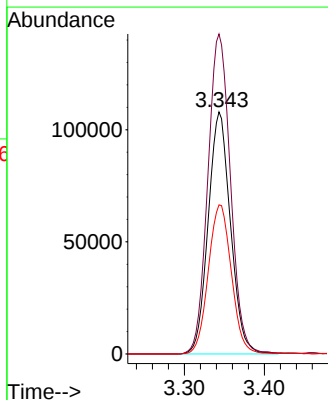
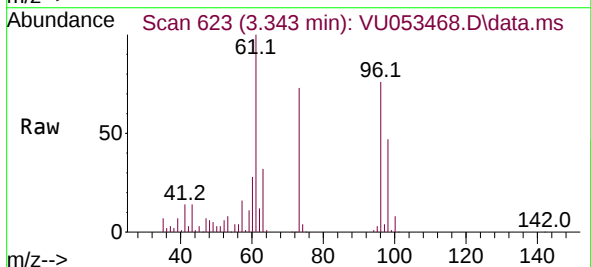
Manual Integrations
APPROVED

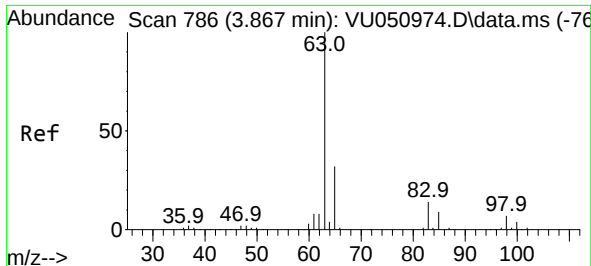
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#16
trans-1,2-Dichloroethene
Concen: 16.026 ug/l
RT: 3.343 min Scan# 623
Delta R.T. -0.006 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

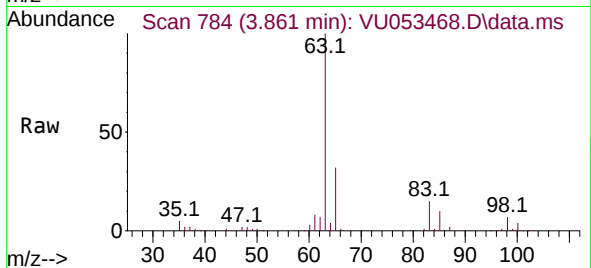
Tgt Ion: 96 Resp: 209564
Ion Ratio Lower Upper
96 100
61 132.2 117.5 176.3
98 61.6 48.3 72.5





#17
1,1-Dichloroethane
Concen: 15.742 ug/l
RT: 3.861 min Scan# 71
Delta R.T. -0.006 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

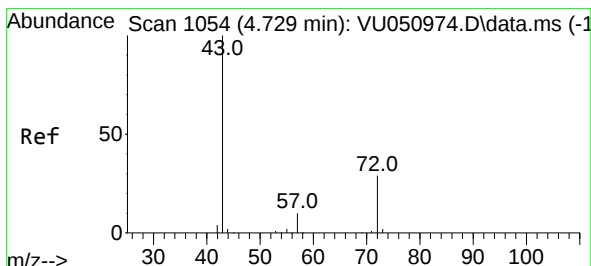
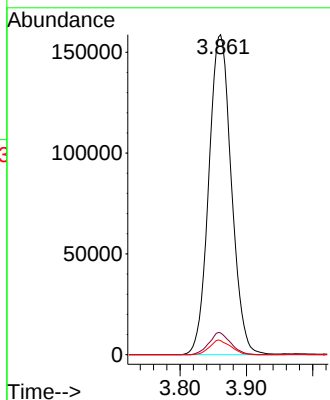
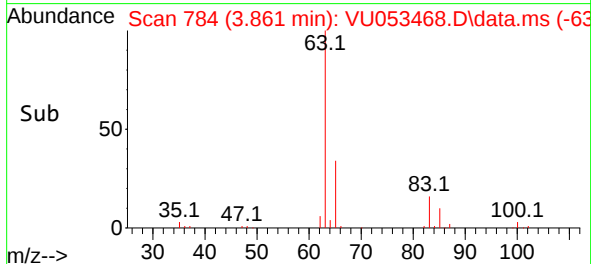
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



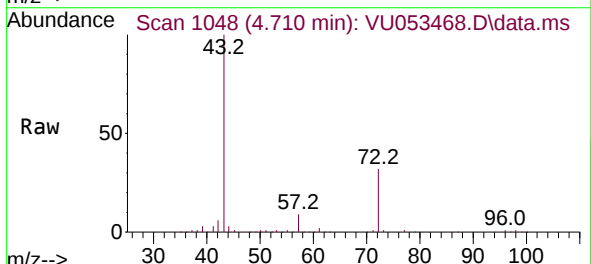
Tgt Ion: 63 Resp: 375702
Ion Ratio Lower Upper
63 100
98 6.8 3.4 10.1
100 4.4 2.2 6.6

Manual Integrations
APPROVED

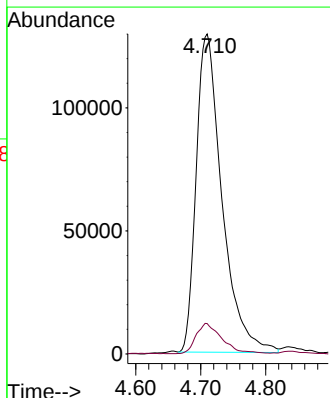
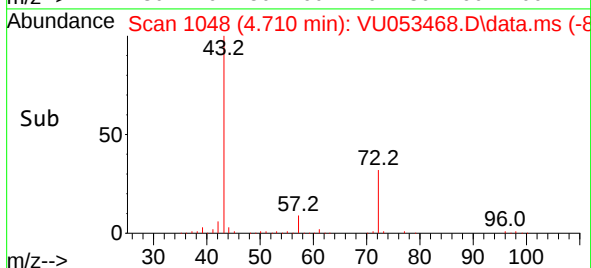
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

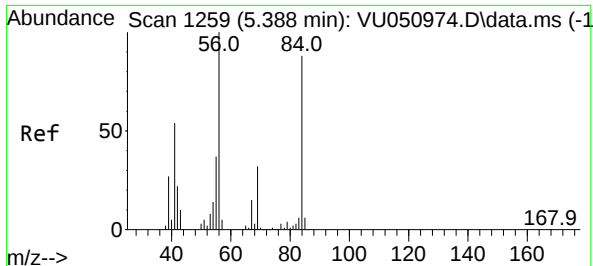


#18
2-Butanone
Concen: 72.879 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. -0.019 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22



Tgt Ion: 43 Resp: 357674
Ion Ratio Lower Upper
43 100
57 9.4 0.0 19.6





#19

Cyclohexane

Concen: 15.500 ug/l

RT: 5.382 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VU053468.D

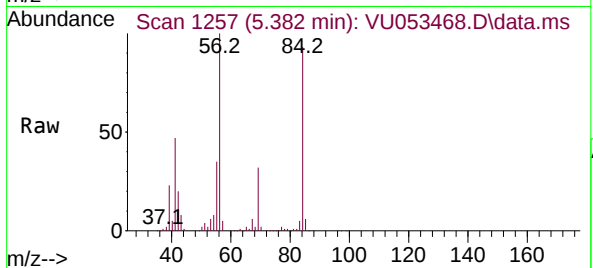
Acq: 29 Mar 2023 16:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015



Tgt Ion: 56 Resp: 304624

Ion Ratio Lower Upper

56 100

69 36.5 24.6 37.0

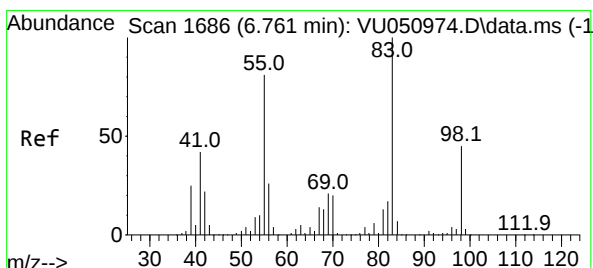
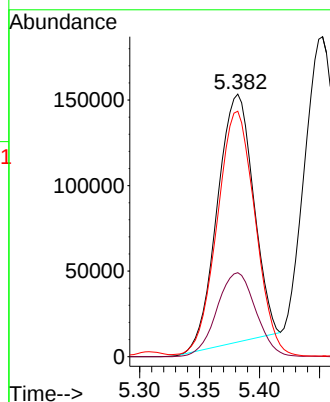
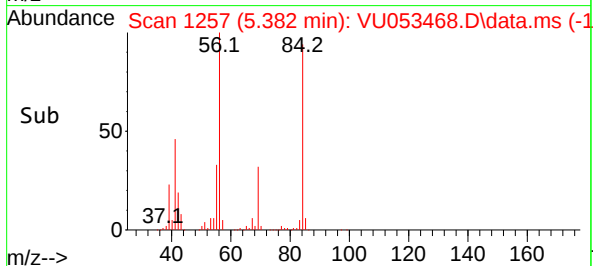
84 102.8 68.4 102.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#20

Methylcyclohexane

Concen: 16.148 ug/l

RT: 6.758 min Scan# 1685

Delta R.T. -0.003 min

Lab File: VU053468.D

Acq: 29 Mar 2023 16:22

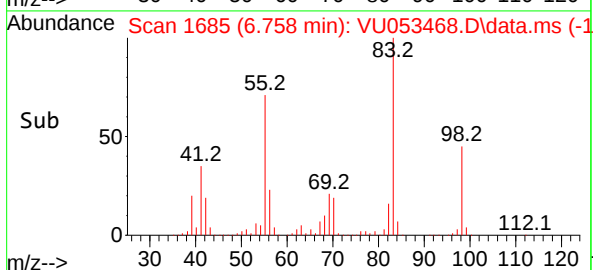
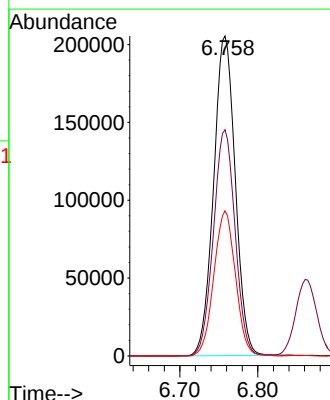
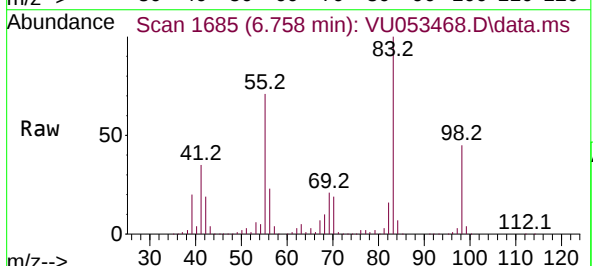
Tgt Ion: 83 Resp: 396452

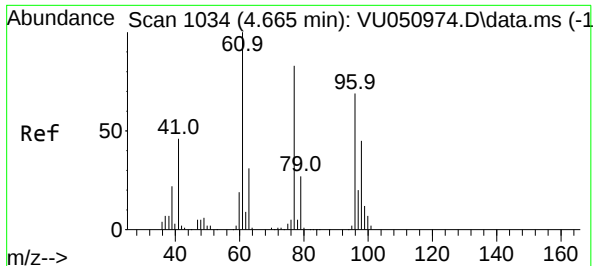
Ion Ratio Lower Upper

83 100

55 70.6 63.5 95.3

98 45.4 36.0 54.0





#21

2,2-Dichloropropane

Concen: 15.809 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VU053468.D

Acq: 29 Mar 2023 16:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 77 Resp: 323014

Ion Ratio Lower Upper

77 100

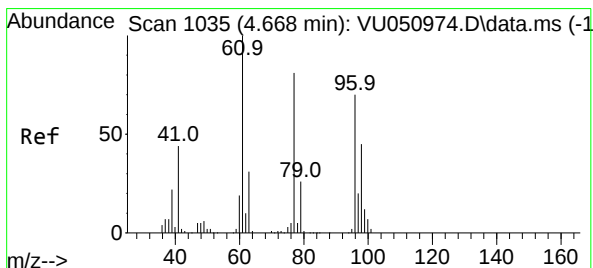
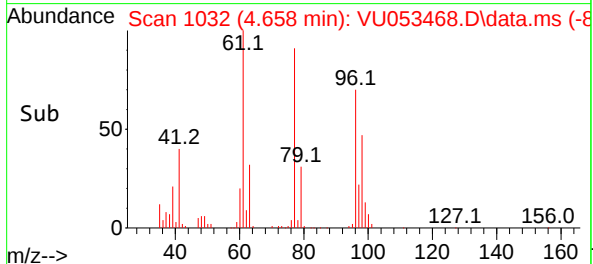
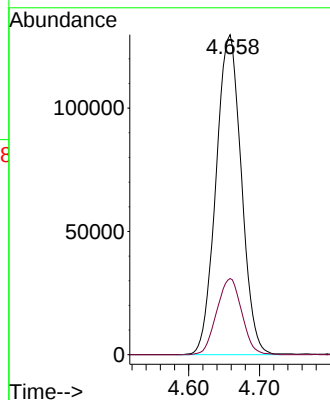
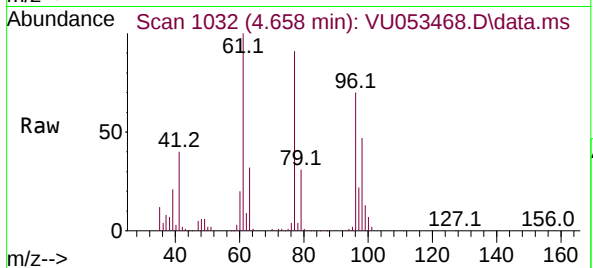
97 23.5 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#22

cis-1,2-Dichloroethene

Concen: 15.790 ug/l

RT: 4.658 min Scan# 1032

Delta R.T. -0.010 min

Lab File: VU053468.D

Acq: 29 Mar 2023 16:22

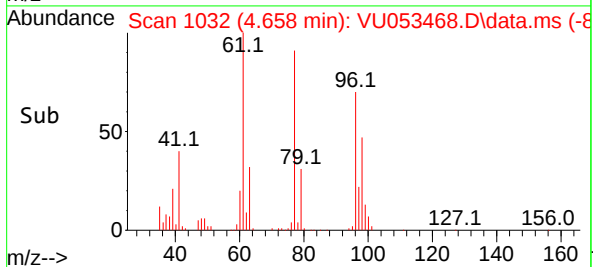
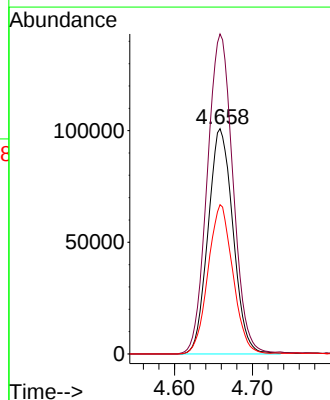
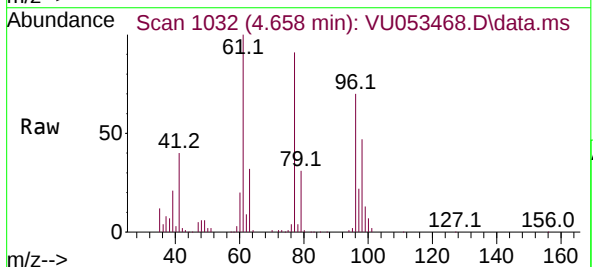
Tgt Ion: 96 Resp: 224403

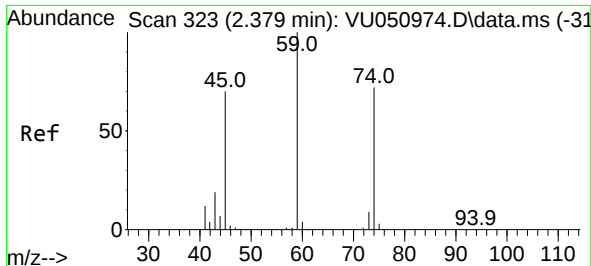
Ion Ratio Lower Upper

96 100

61 146.5 0.0 365.8

98 65.9 32.0 96.0





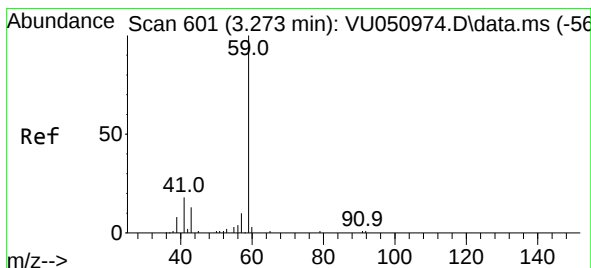
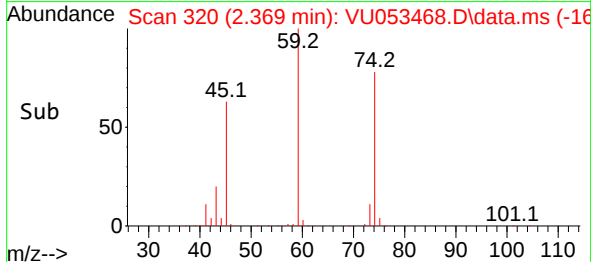
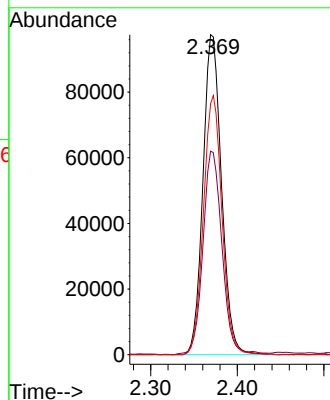
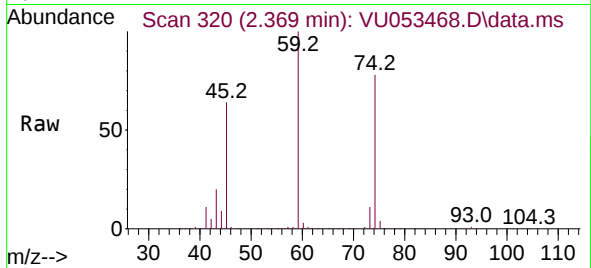
#23
Diethyl Ether
Concen: 14.428 ug/l
RT: 2.369 min Scan# 31
Delta R.T. -0.010 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion: 59 Resp: 144932
Ion Ratio Lower Upper
59 100
45 65.4 56.1 84.1
74 80.8 57.4 86.2

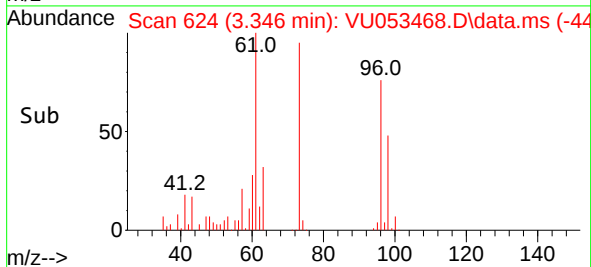
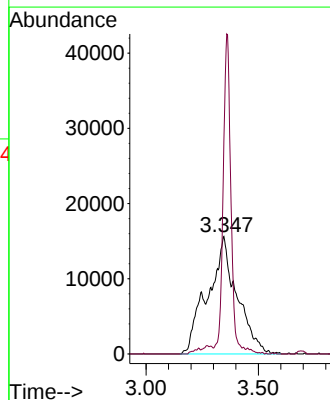
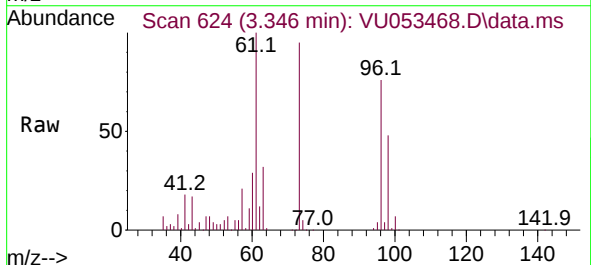
Manual Integrations
APPROVED

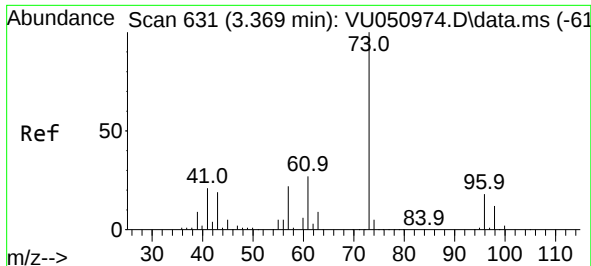
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#24
tert-Butyl Alcohol
Concen: 148.625 ug/l m
RT: 3.346 min Scan# 624
Delta R.T. 0.073 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

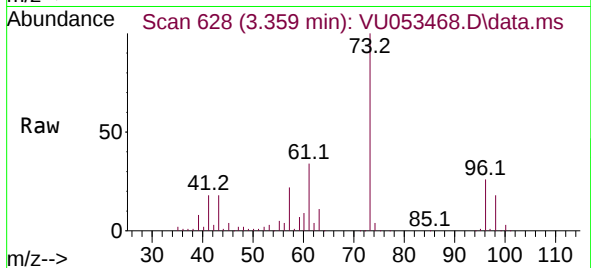
Tgt Ion: 59 Resp: 141799
Ion Ratio Lower Upper
59 100
57 66.5 105.6 158.4#





#25
Methyl tert-Butyl Ether
Concen: 16.089 ug/l
RT: 3.359 min Scan# 61
Delta R.T. -0.010 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

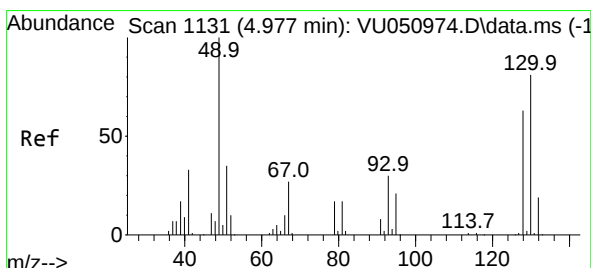
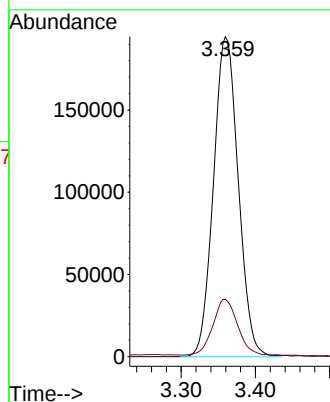
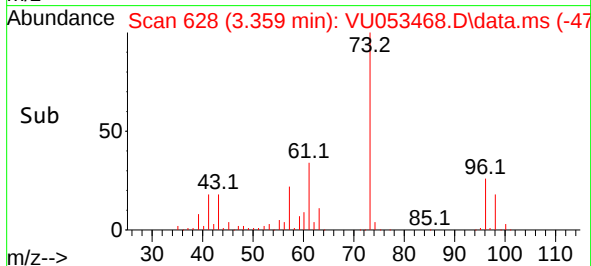
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 73 Resp: 451340
Ion Ratio Lower Upper
73 100
43 17.2 15.0 22.6

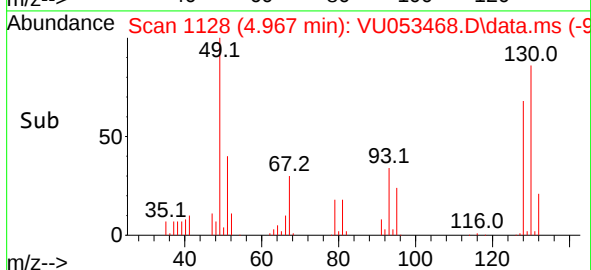
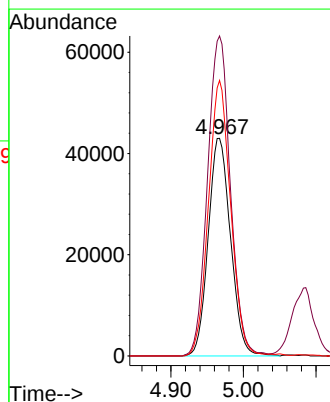
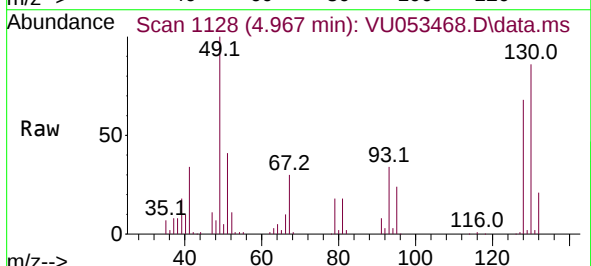
Manual Integrations
APPROVED

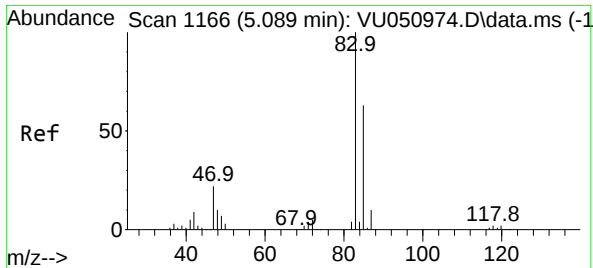
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#26
Bromochloromethane
Concen: 16.059 ug/l
RT: 4.967 min Scan# 1128
Delta R.T. -0.010 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

Tgt Ion:128 Resp: 91951
Ion Ratio Lower Upper
128 100
49 150.6 0.0 324.6
130 126.1 103.0 154.4





#27

Chloroform

Concen: 15.496 ug/l

RT: 5.083 min Scan# 1166

Delta R.T. -0.006 min

Lab File: VU053468.D

Acq: 29 Mar 2023 16:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 83 Resp: 38392

Ion Ratio Lower Upper

83 100

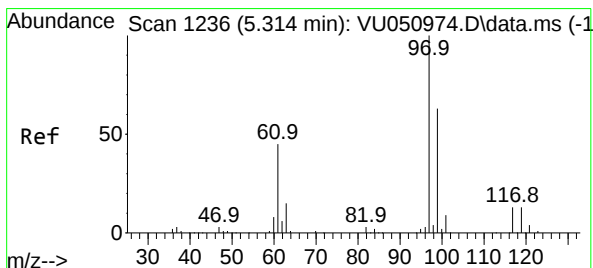
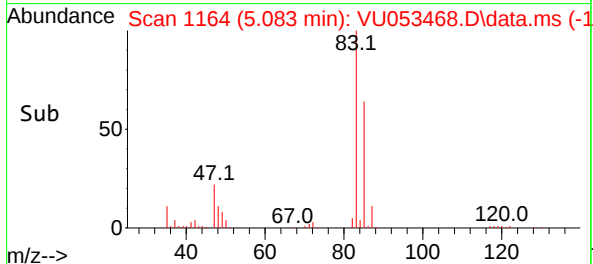
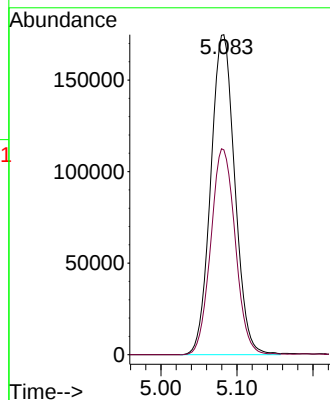
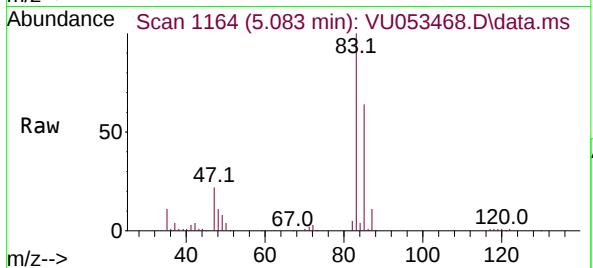
85 64.0 0.0 126.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#28

1,1,1-Trichloroethane

Concen: 16.102 ug/l

RT: 5.311 min Scan# 1235

Delta R.T. -0.003 min

Lab File: VU053468.D

Acq: 29 Mar 2023 16:22

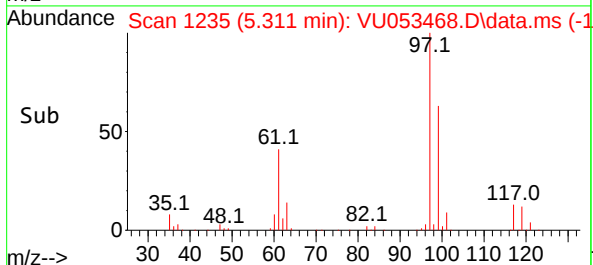
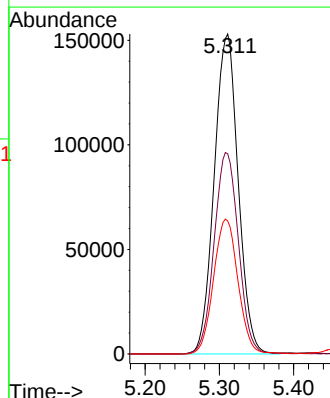
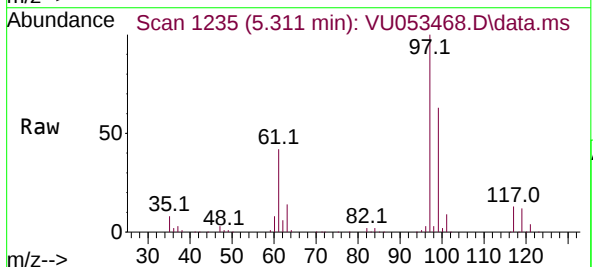
Tgt Ion: 97 Resp: 343944

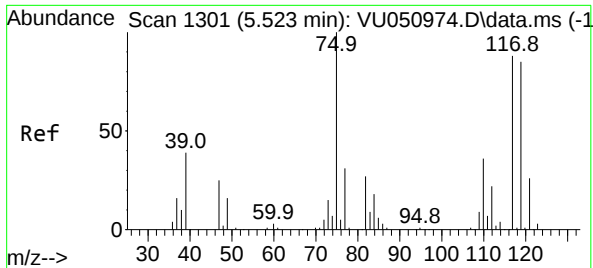
Ion Ratio Lower Upper

97 100

99 63.7 32.0 96.2

61 43.1 22.9 68.5





#29
1,1-Dichloropropene
Concen: 15.931 ug/l
RT: 5.520 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

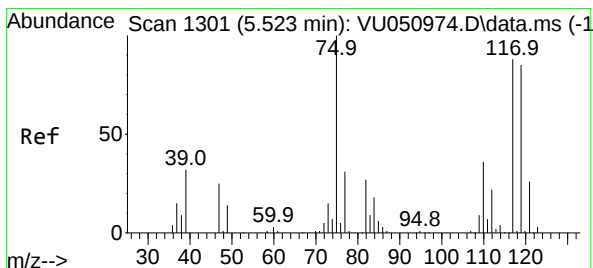
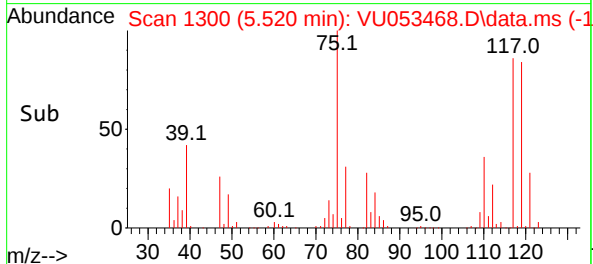
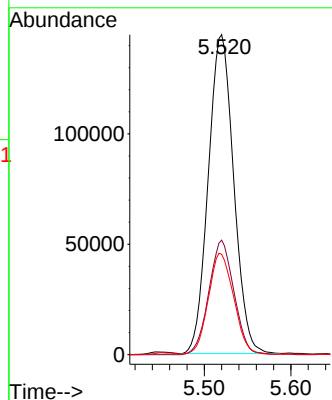
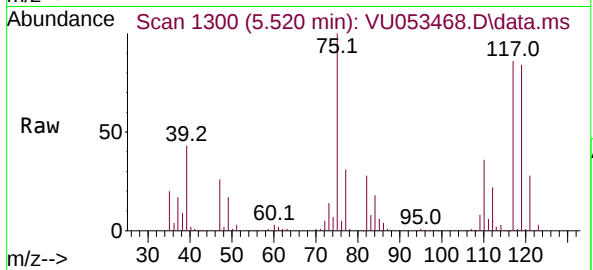
Tgt Ion: 75 Resp: 294458
Ion Ratio Lower Upper
75 100
110 35.4 18.0 54.0
77 31.3 24.7 37.1

Manual Integrations

APPROVED

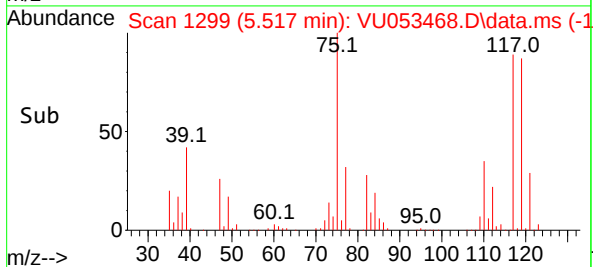
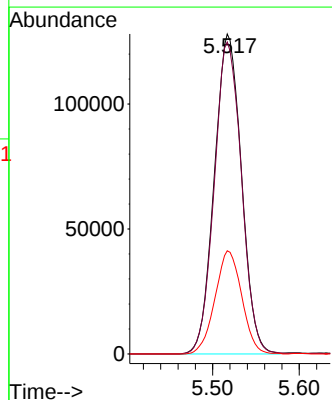
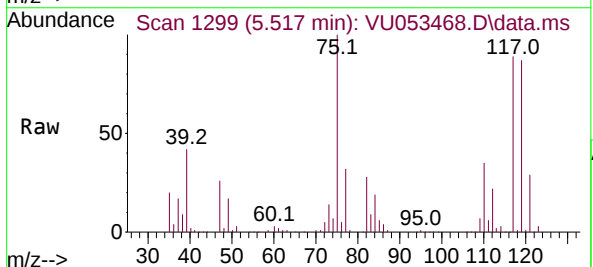
Reviewed By :Krupa Patel 04/07/2023

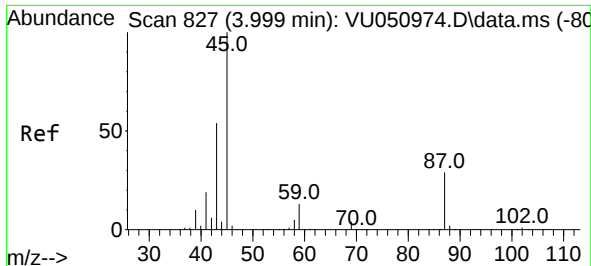
Supervised By :Mahesh Dadoda 04/07/2023



#30
Carbon Tetrachloride
Concen: 16.390 ug/l
RT: 5.517 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

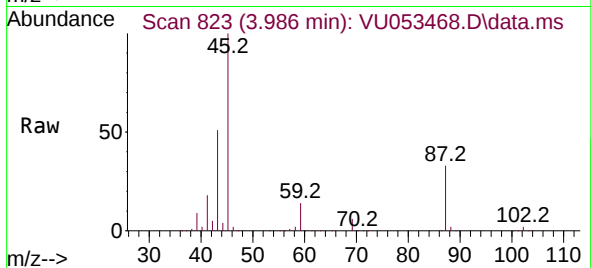
Tgt Ion:117 Resp: 278633
Ion Ratio Lower Upper
117 100
119 97.5 77.4 116.0
121 32.3 24.0 36.0





#31
Isopropyl Ether
Concen: 15.697 ug/l
RT: 3.986 min Scan# 81
Delta R.T. -0.013 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

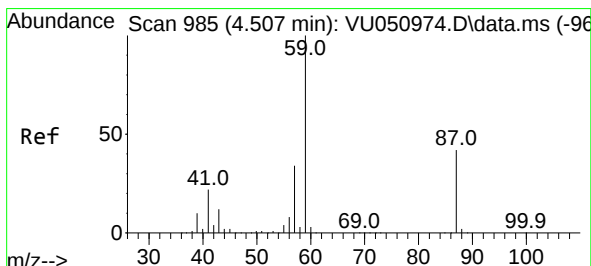
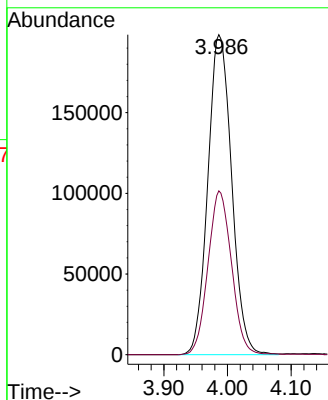
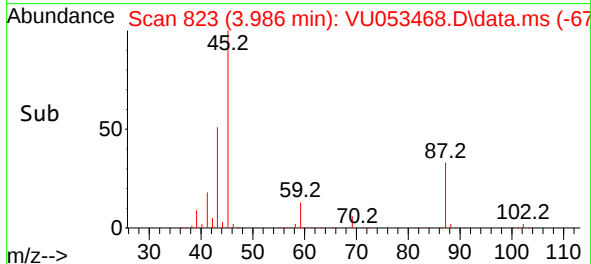
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



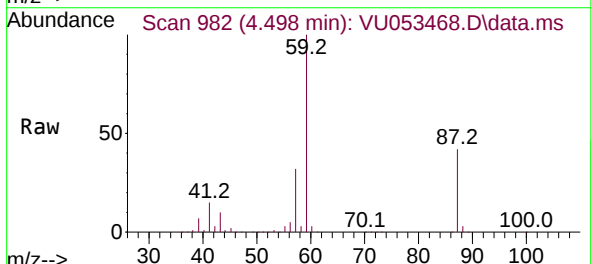
Tgt Ion: 45 Resp: 515420
Ion Ratio Lower Upper
45 100
43 50.6 27.5 82.5

Manual Integrations
APPROVED

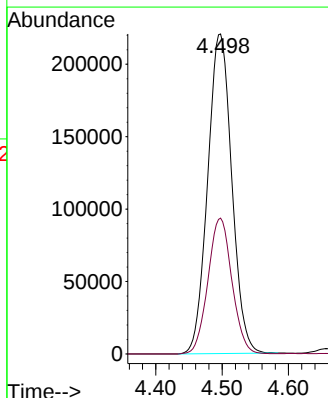
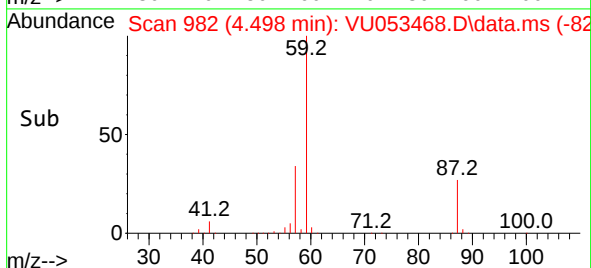
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

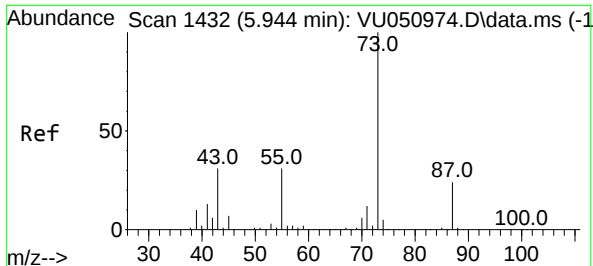


#32
Ethyl-t-butyl ether
Concen: 16.529 ug/l
RT: 4.498 min Scan# 982
Delta R.T. -0.010 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22



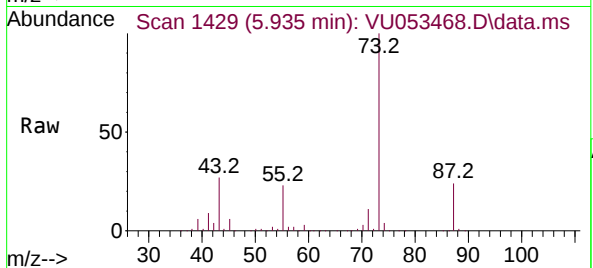
Tgt Ion: 59 Resp: 557507
Ion Ratio Lower Upper
59 100
87 42.1 33.5 50.3





#33
Tert-Amyl methyl ether
Concen: 16.964 ug/l
RT: 5.935 min Scan# 1432
Delta R.T. -0.010 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

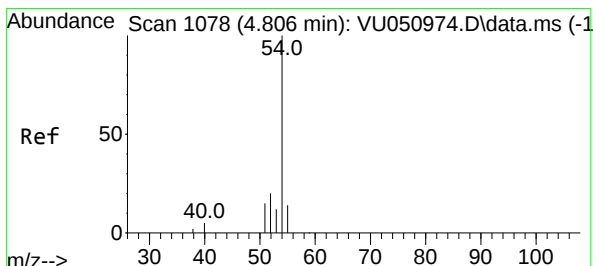
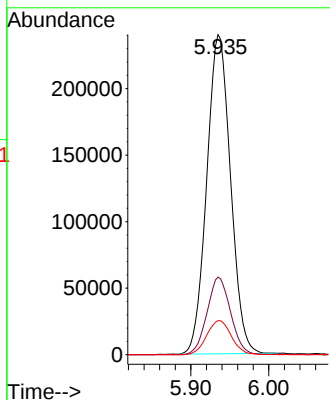
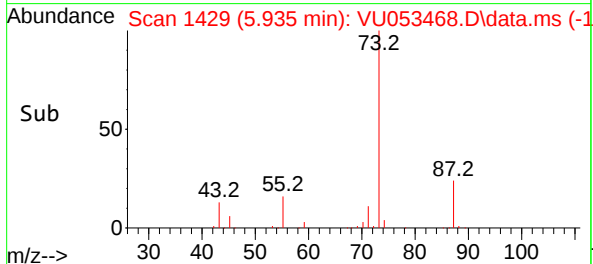
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion: 73 Resp: 50875
Ion Ratio Lower Upper
73 100
87 23.9 18.6 28.0
71 11.1 9.9 14.9

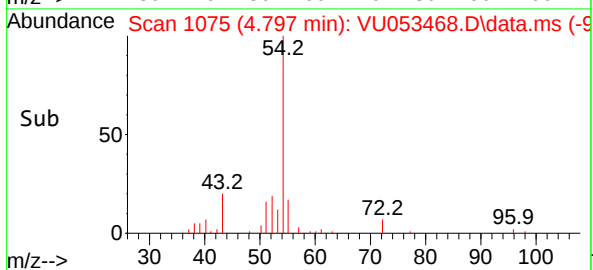
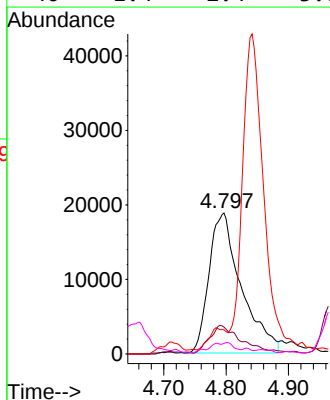
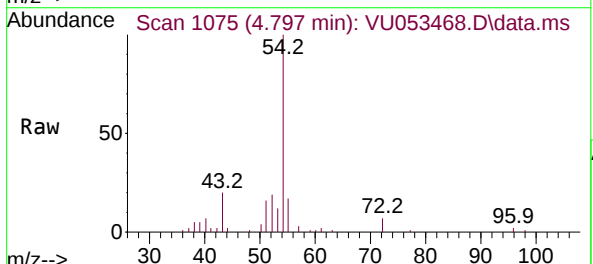
Manual Integrations
APPROVED

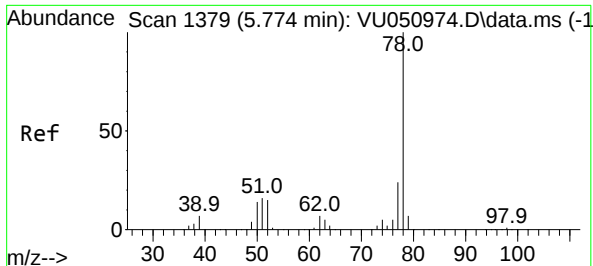
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#34
Propionitrile
Concen: 72.007 ug/l
RT: 4.797 min Scan# 1075
Delta R.T. -0.009 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

Tgt Ion: 54 Resp: 67670
Ion Ratio Lower Upper
54 100
52 18.7 17.4 26.0
55 8.7 104.1 156.1#
40 1.4 2.4 3.6#





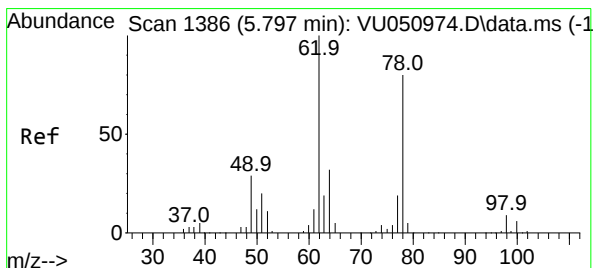
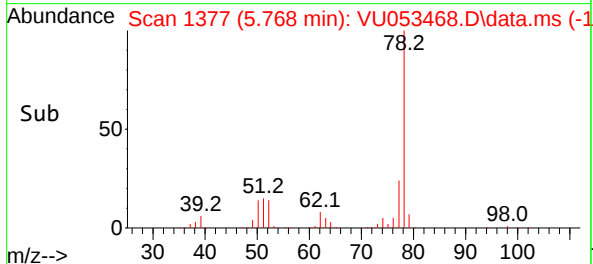
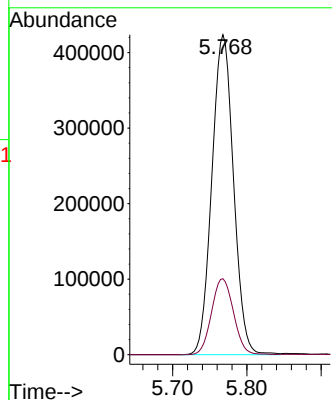
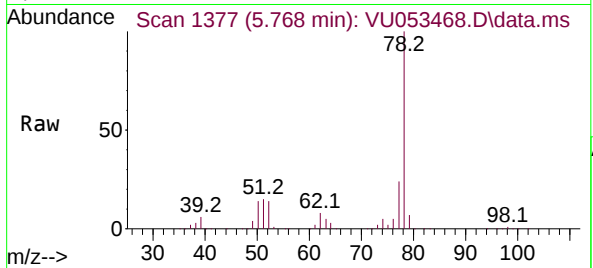
#35
Benzene
Concen: 15.881 ug/l
RT: 5.768 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion: 78 Resp: 85866
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3

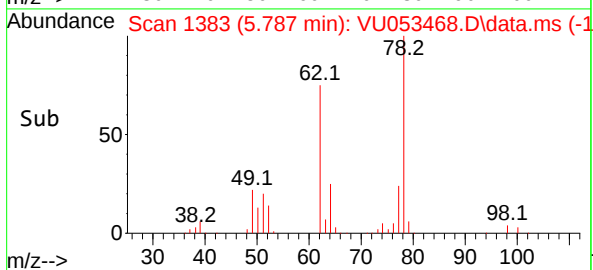
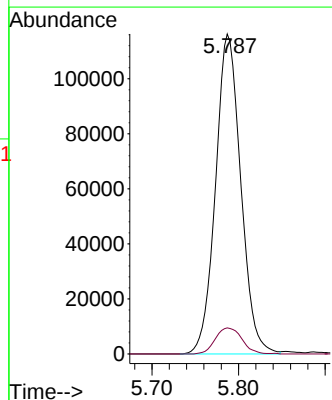
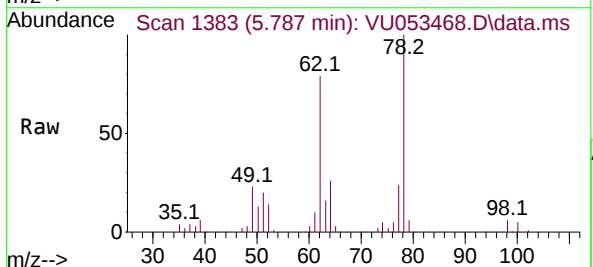
Manual Integrations
APPROVED

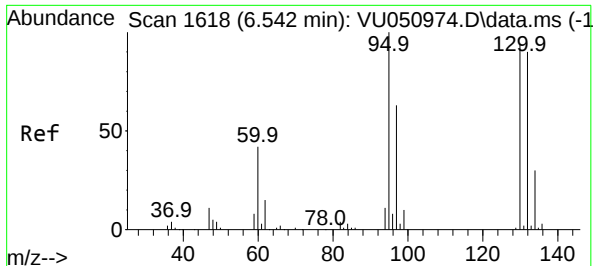
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#36
1,2-Dichloroethane
Concen: 15.160 ug/l
RT: 5.787 min Scan# 1383
Delta R.T. -0.010 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

Tgt Ion: 62 Resp: 235465
Ion Ratio Lower Upper
62 100
98 8.6 7.3 10.9





#37

Trichloroethene

Concen: 16.337 ug/l

RT: 6.536 min Scan# 1616

Delta R.T. -0.006 min

Lab File: VU053468.D

Acq: 29 Mar 2023 16:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion:130 Resp: 22214

Ion Ratio Lower Upper

130 100

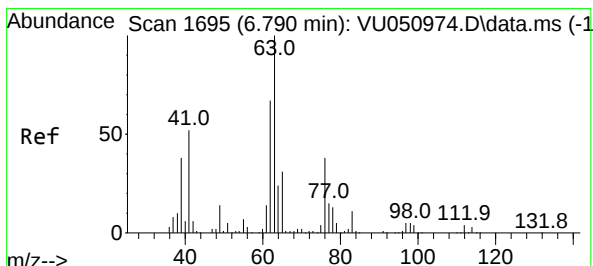
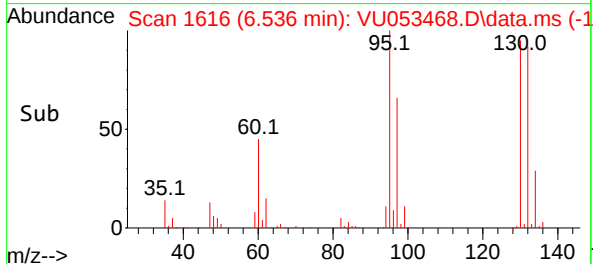
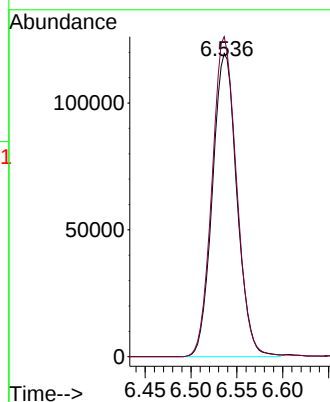
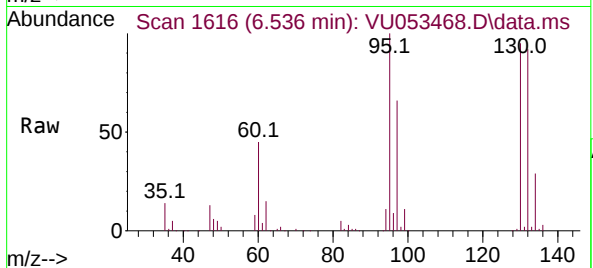
95 105.5 85.0 127.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#38

1,2-Dichloropropane

Concen: 15.548 ug/l

RT: 6.784 min Scan# 1693

Delta R.T. -0.006 min

Lab File: VU053468.D

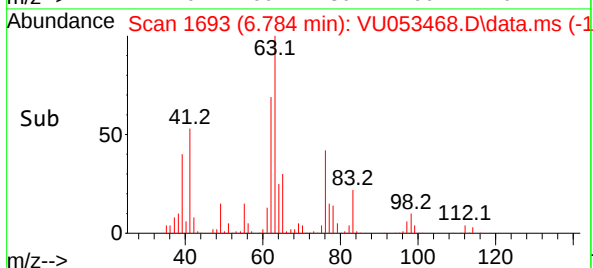
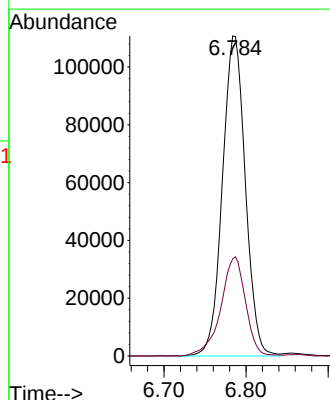
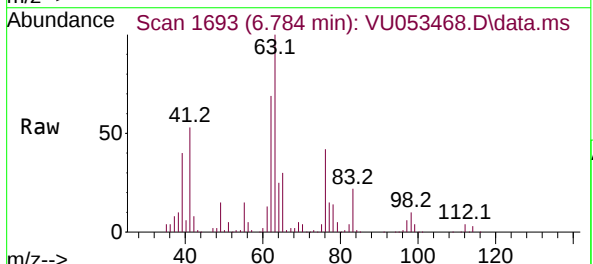
Acq: 29 Mar 2023 16:22

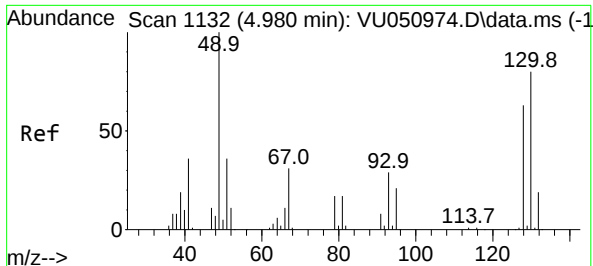
Tgt Ion: 63 Resp: 215411

Ion Ratio Lower Upper

63 100

65 30.3 24.9 37.3





#39

Methacrylonitrile

Concen: 15.456 ug/l

RT: 4.970 min Scan# 1132

Delta R.T. -0.010 min

Lab File: VU053468.D

Acq: 29 Mar 2023 16:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 41 Resp: 5218

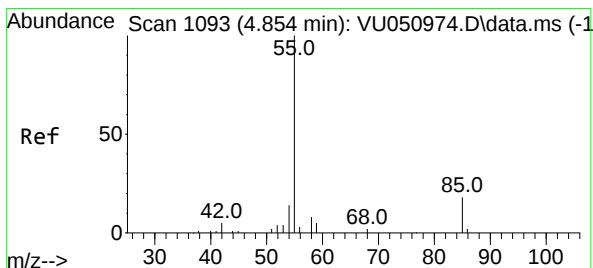
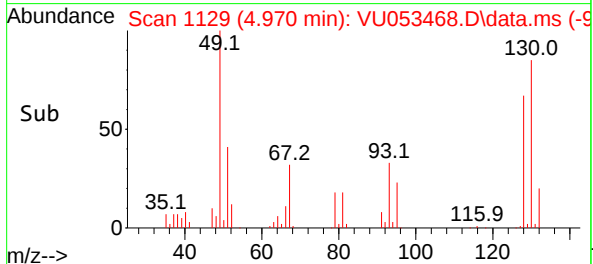
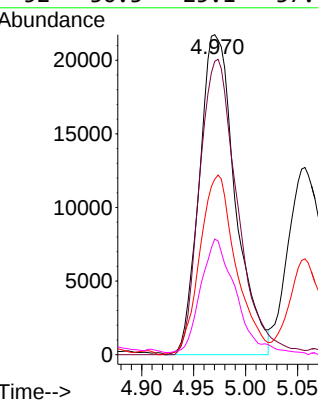
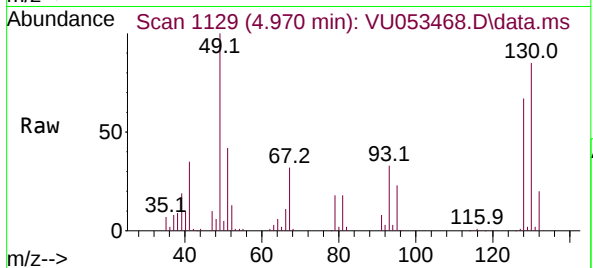
Ion	Ratio	Lower	Upper
41	100		
67	97.4	66.8	100.2
39	56.6	41.2	61.8
52	36.3	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#40

Methyl acrylate

Concen: 16.339 ug/l

RT: 4.842 min Scan# 1089

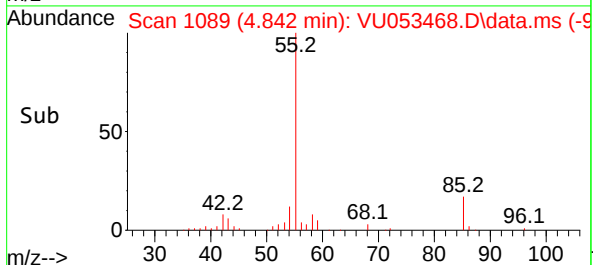
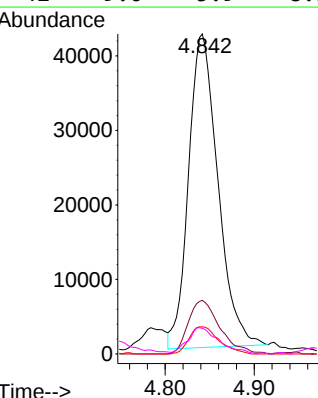
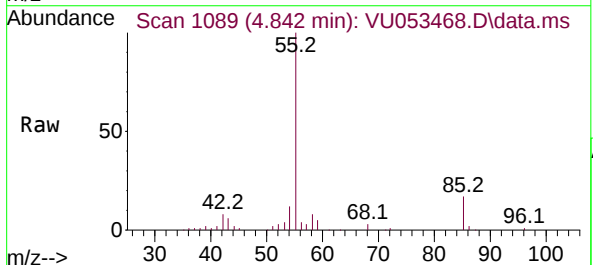
Delta R.T. -0.013 min

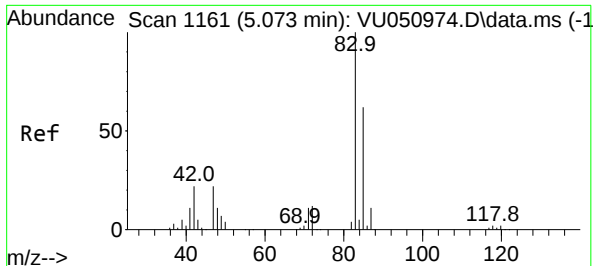
Lab File: VU053468.D

Acq: 29 Mar 2023 16:22

Tgt Ion: 55 Resp: 96251

Ion	Ratio	Lower	Upper
55	100		
85	18.4	13.3	19.9
58	8.8	6.5	9.7
42	9.0	5.9	8.9





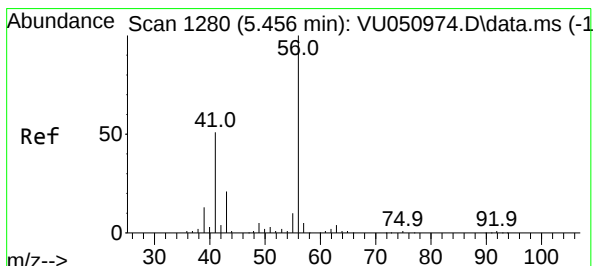
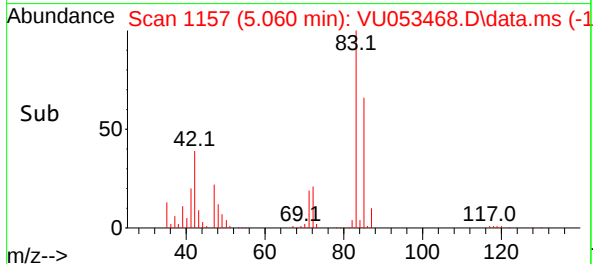
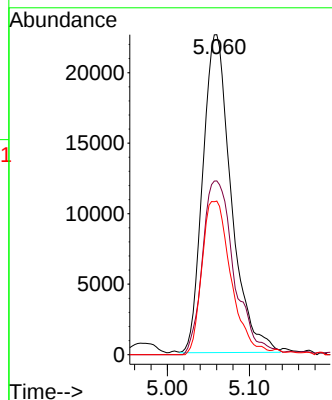
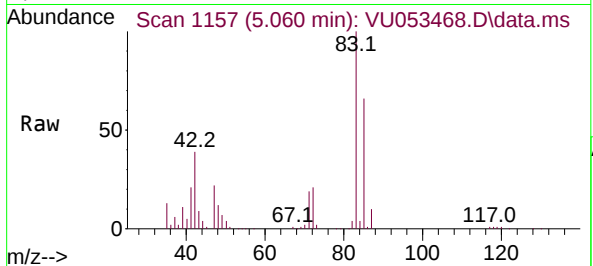
#41
Tetrahydrofuran
Concen: 30.853 ug/l
RT: 5.060 min Scan# 1161
Delta R.T. -0.013 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion: 42 Resp: 54334
Ion Ratio Lower Upper
42 100
72 61.0 40.9 61.3
71 49.4 36.9 55.3

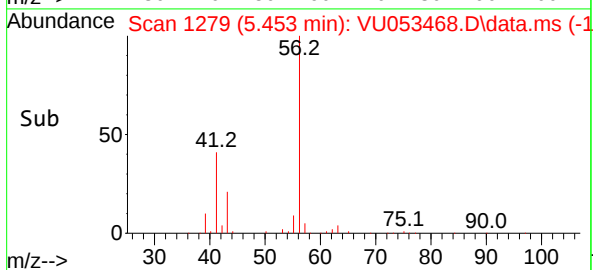
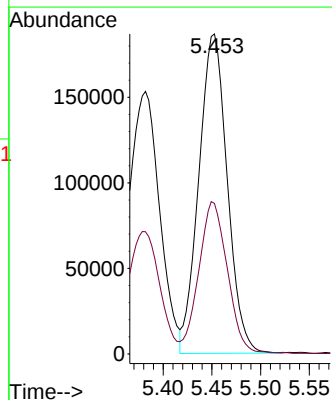
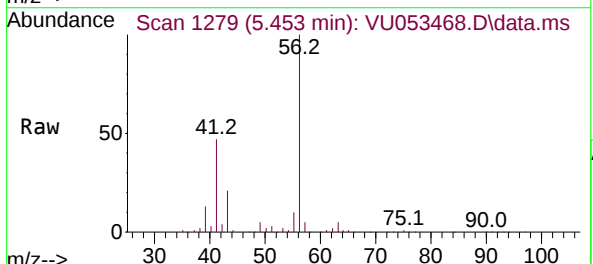
Manual Integrations
APPROVED

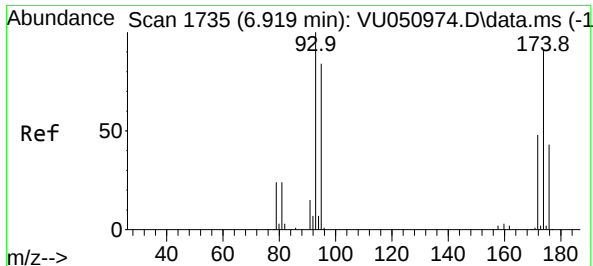
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#42
1-Chlorobutane
Concen: 15.418 ug/l
RT: 5.453 min Scan# 1279
Delta R.T. -0.003 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

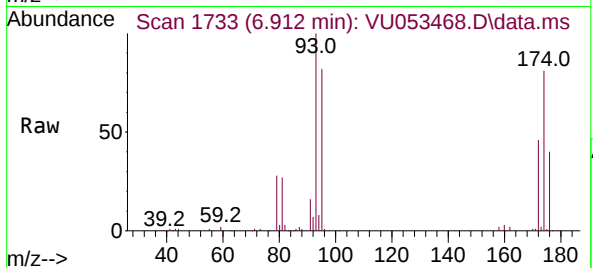
Tgt Ion: 56 Resp: 379048
Ion Ratio Lower Upper
56 100
41 47.2 25.2 75.6





#43
Dibromomethane
Concen: 16.258 ug/l
RT: 6.912 min Scan# 1733
Delta R.T. -0.006 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

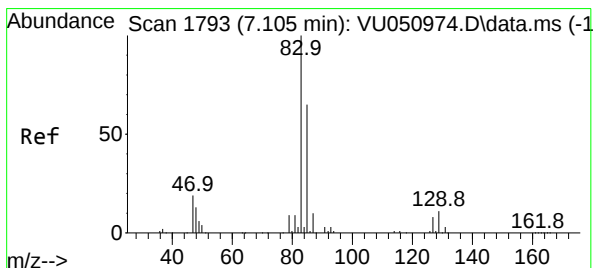
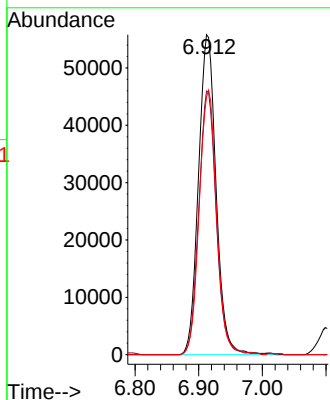
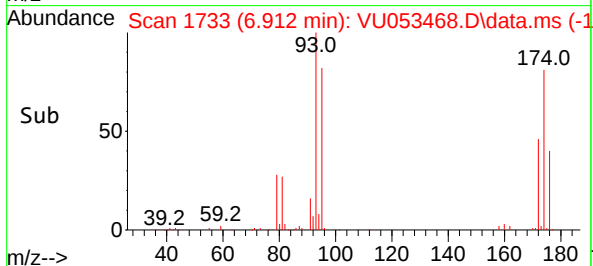
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



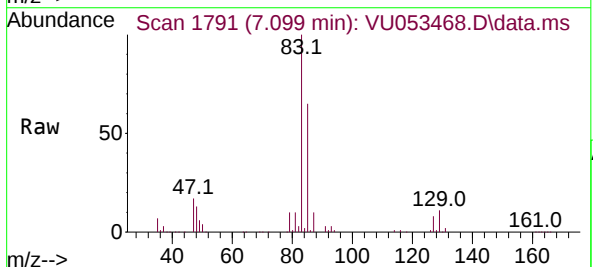
Tgt Ion: 93 Resp: 107307
Ion Ratio Lower Upper
93 100
95 81.6 67.0 100.6
174 81.0 73.8 110.6

Manual Integrations
APPROVED

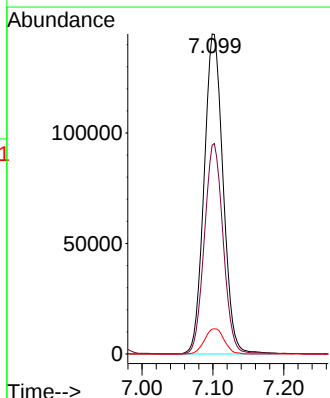
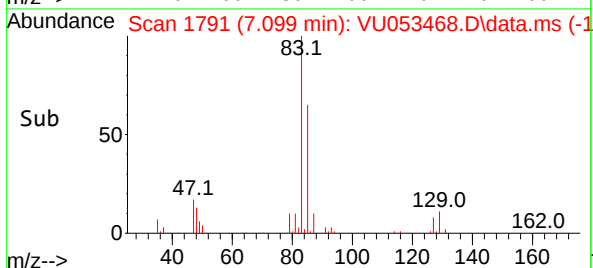
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

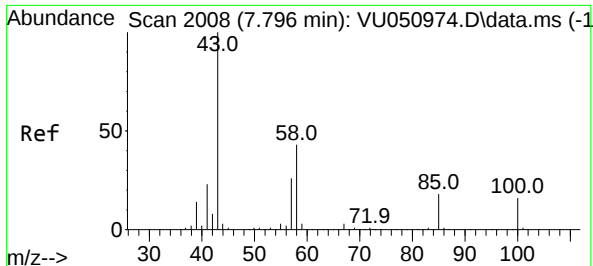


#44
Bromodichloromethane
Concen: 16.328 ug/l
RT: 7.099 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22



Tgt Ion: 83 Resp: 269479
Ion Ratio Lower Upper
83 100
85 65.3 51.9 77.9
127 7.7 6.7 10.1





#45

4-Methyl-2-Pentanone

Concen: 80.898 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU053468.D

Acq: 29 Mar 2023 16:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

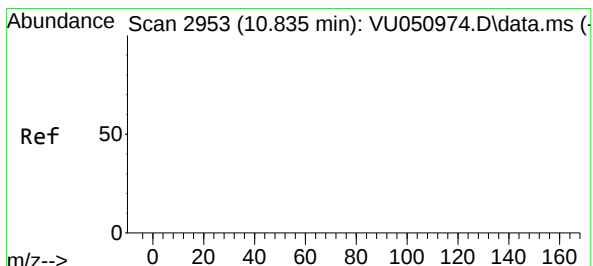
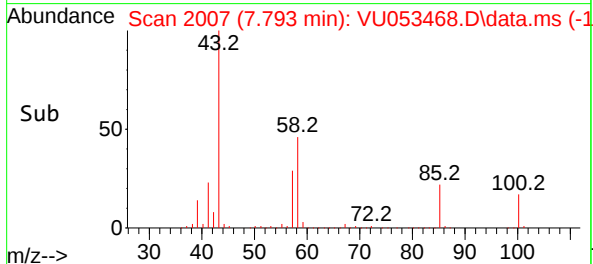
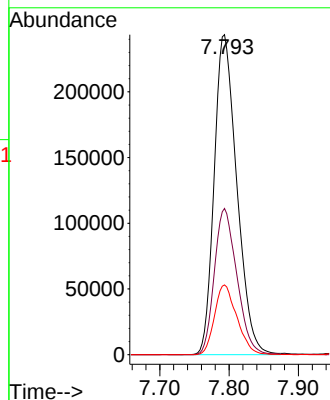
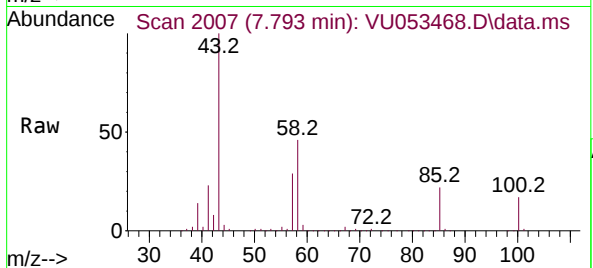
Tgt Ion:	43	Resp:	55387
Ion	Ratio	Lower	Upper
43	100		
58	45.4	20.9	62.8
85	21.5	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#46

t-1,4-Dichloro-2-butene

Concen: 38.611 ug/l m

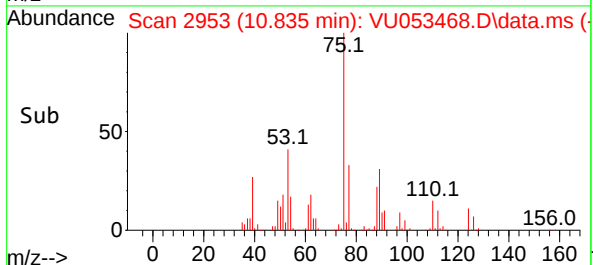
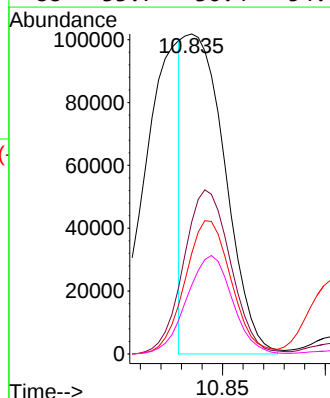
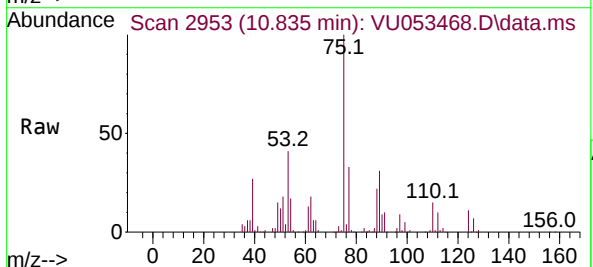
RT: 10.835 min Scan# 2953

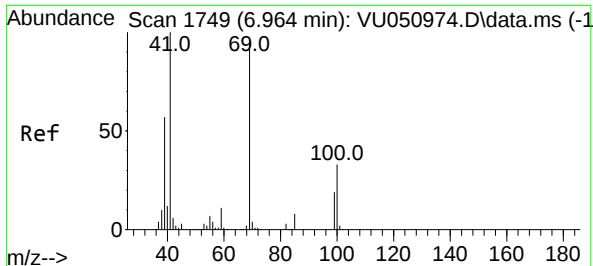
Delta R.T. -0.000 min

Lab File: VU053468.D

Acq: 29 Mar 2023 16:22

Tgt Ion:	75	Resp:	143479
Ion	Ratio	Lower	Upper
75	100		
53	58.1	73.3	109.9#
89	46.4	48.2	72.4#
88	33.7	36.4	54.6#





#47

Methyl methacrylate

Concen: 32.884 ug/l

RT: 6.957 min Scan# 1747

Delta R.T. -0.007 min

Lab File: VU053468.D

Acq: 29 Mar 2023 16:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC015

Tgt Ion: 69 Resp: 19955

Ion Ratio Lower Upper

69 100

41 94.1 0.0 209.2

39 55.6 46.7 70.1

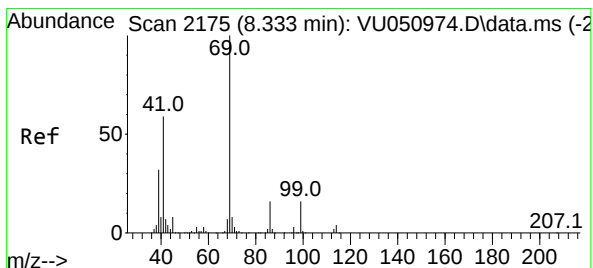
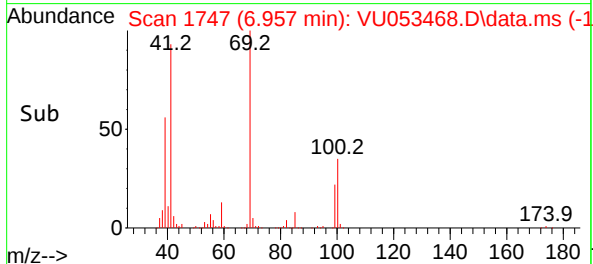
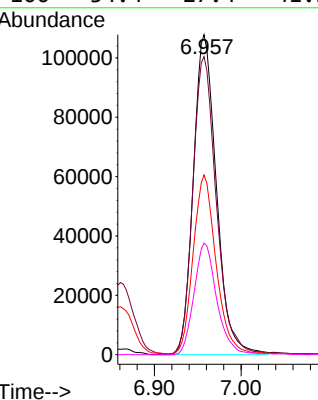
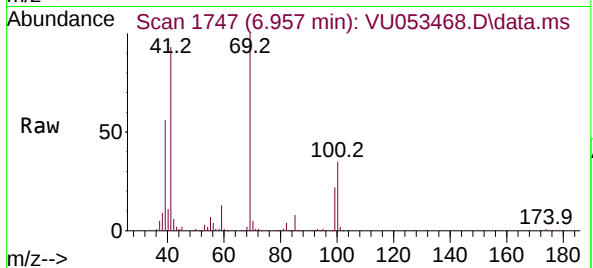
100 34.4 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#48

Ethyl methacrylate

Concen: 16.969 ug/l

RT: 8.330 min Scan# 2174

Delta R.T. -0.003 min

Lab File: VU053468.D

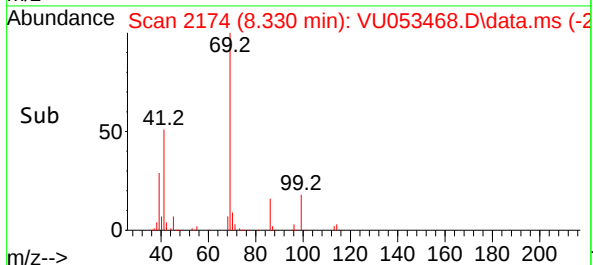
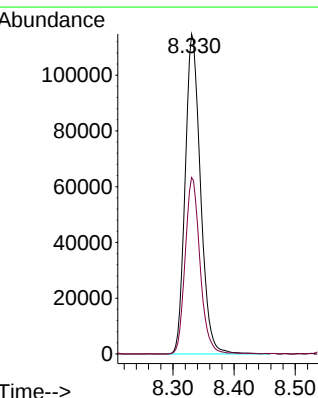
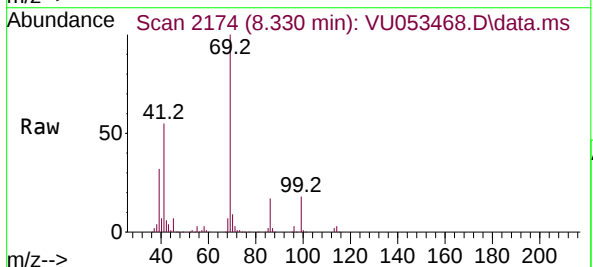
Acq: 29 Mar 2023 16:22

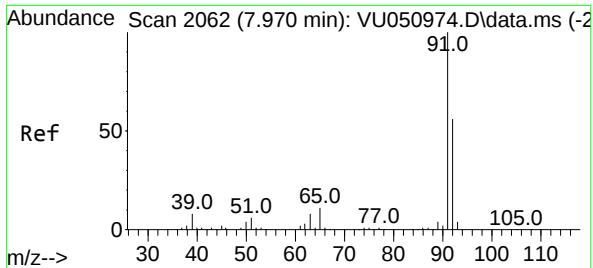
Tgt Ion: 69 Resp: 199701

Ion Ratio Lower Upper

69 100

41 53.4 30.3 90.8





#49

Toluene

Concen: 16.213 ug/l

RT: 7.964 min Scan# 2062

Delta R.T. -0.006 min

Lab File: VU053468.D

Acq: 29 Mar 2023 16:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC015

Tgt Ion: 92 Resp: 53729

Ion Ratio Lower Upper

92 100

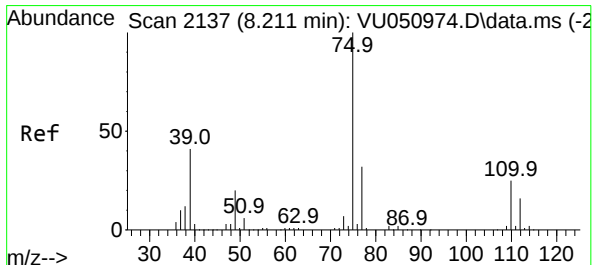
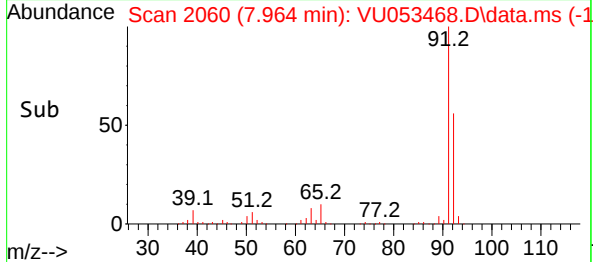
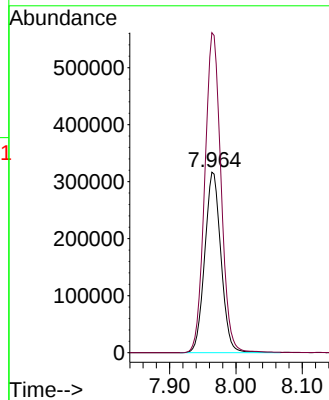
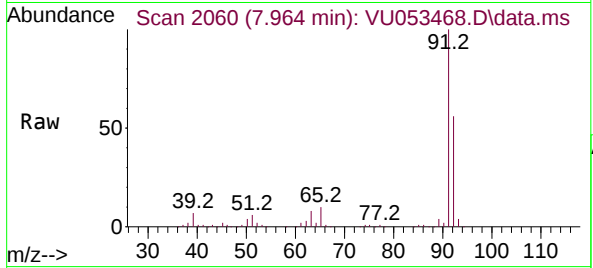
91 177.7 143.0 214.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/07/2023

Supervised By :Mahesh Dadoda 04/07/2023



#50

t-1,3-Dichloropropene

Concen: 17.561 ug/l

RT: 8.205 min Scan# 2135

Delta R.T. -0.006 min

Lab File: VU053468.D

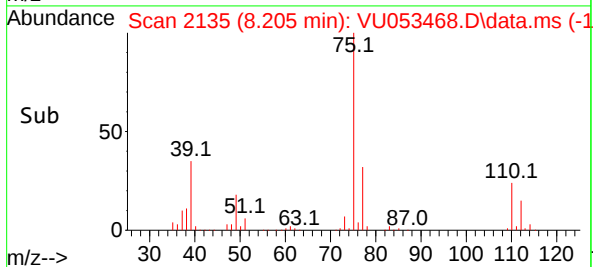
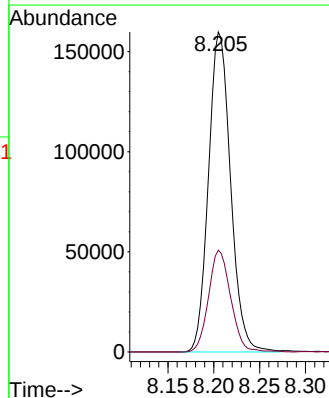
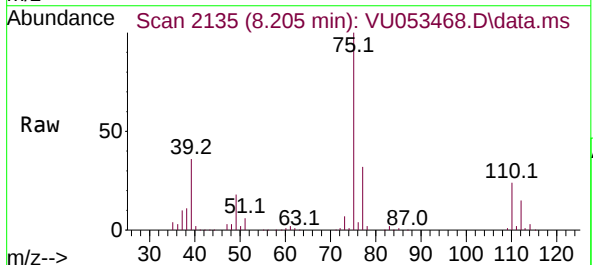
Acq: 29 Mar 2023 16:22

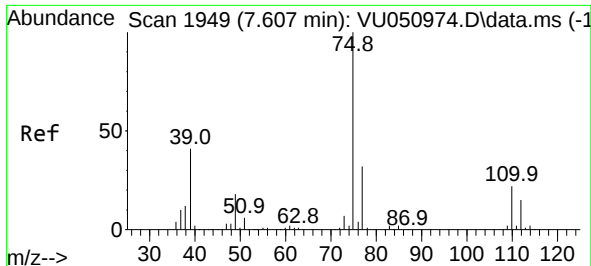
Tgt Ion: 75 Resp: 268461

Ion Ratio Lower Upper

75 100

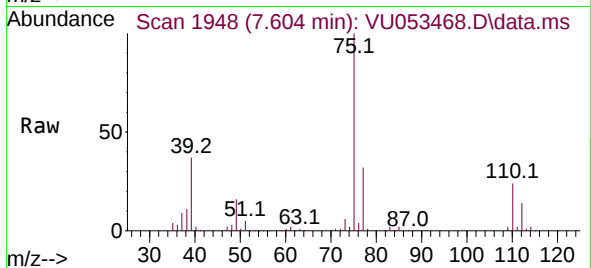
77 31.8 25.3 37.9





#51
cis-1,3-Dichloropropene
Concen: 16.956 ug/l
RT: 7.604 min Scan# 1949
Delta R.T. -0.003 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

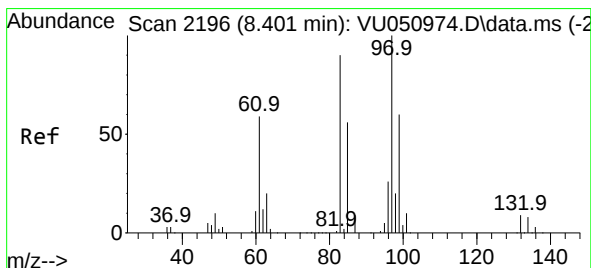
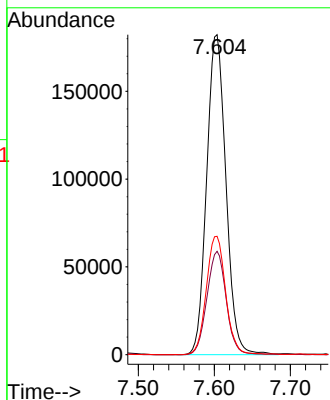
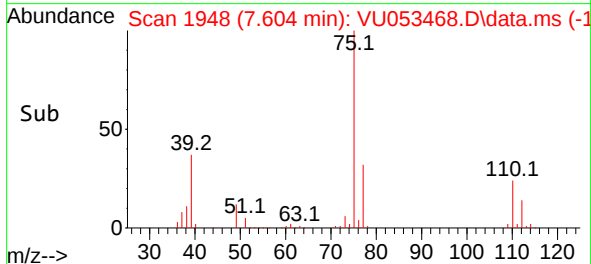
Instrument : MSVOA_U
ClientSampleId : VSTDIC015



Tgt Ion: 75 Resp: 321029
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5
39 37.0 32.8 49.2

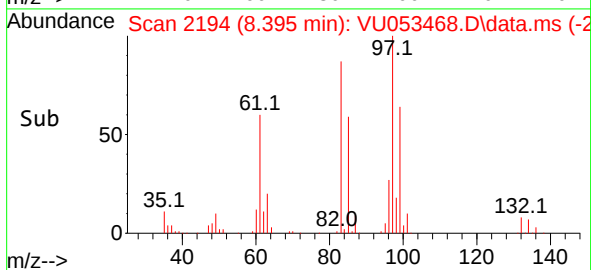
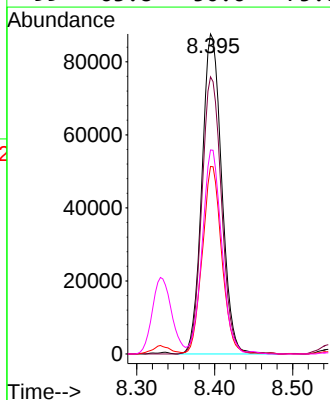
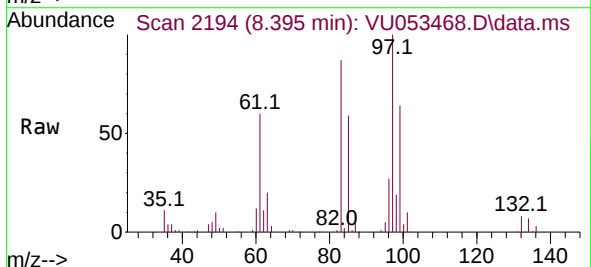
Manual Integrations
APPROVED

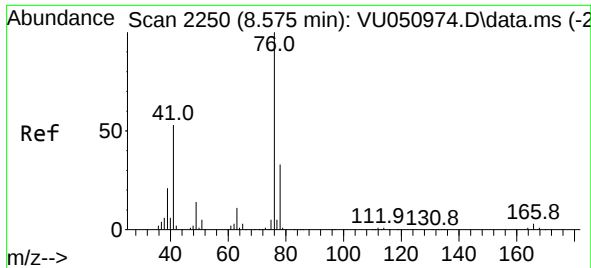
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#52
1,1,2-Trichloroethane
Concen: 16.134 ug/l
RT: 8.395 min Scan# 2194
Delta R.T. -0.006 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

Tgt Ion: 97 Resp: 154412
Ion Ratio Lower Upper
97 100
83 86.6 71.8 107.8
85 58.6 45.2 67.8
99 63.8 50.6 75.8





#53
1,3-Dichloropropane
Concen: 16.248 ug/l
RT: 8.571 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

Instrument :

MSVOA_U

ClientSampleId :

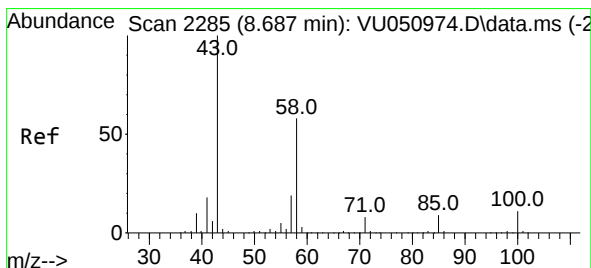
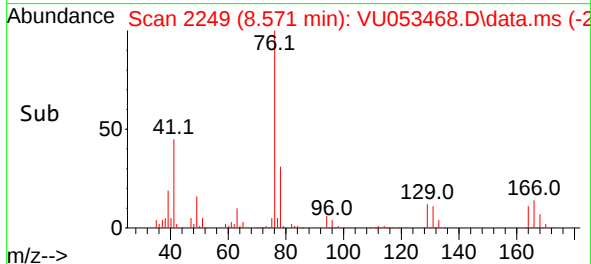
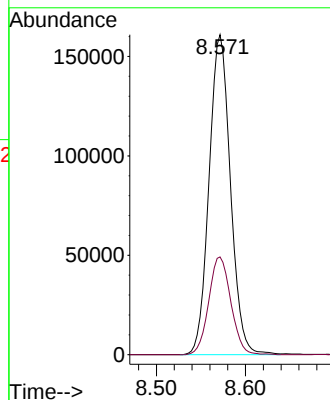
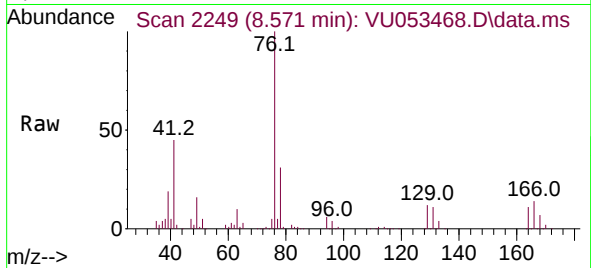
VSTDIC015

Tgt Ion: 76 Resp: 268248
Ion Ratio Lower Upper
76 100
78 31.6 25.9 38.9

Manual Integrations

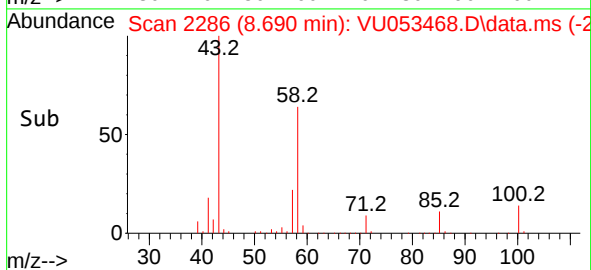
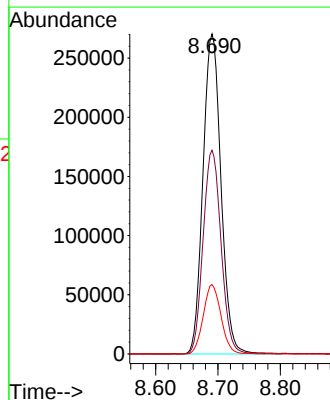
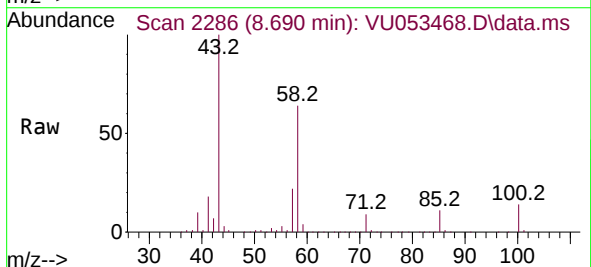
APPROVED

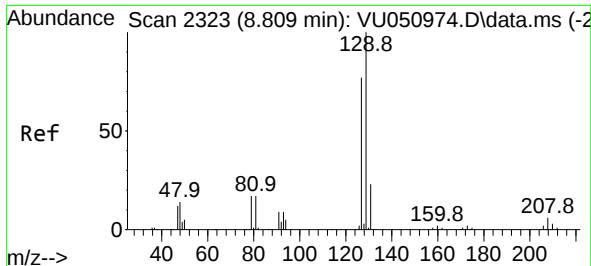
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#54
2-Hexanone
Concen: 75.724 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

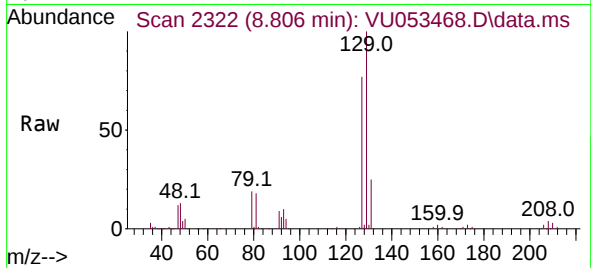
Tgt Ion: 43 Resp: 543933
Ion Ratio Lower Upper
43 100
58 63.3 38.2 78.2
57 21.4 0.0 39.1





#55
Dibromochloromethane
Concen: 17.650 ug/l
RT: 8.806 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

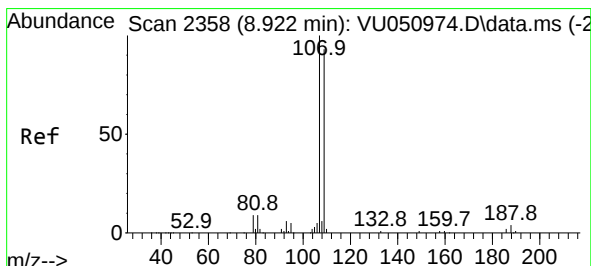
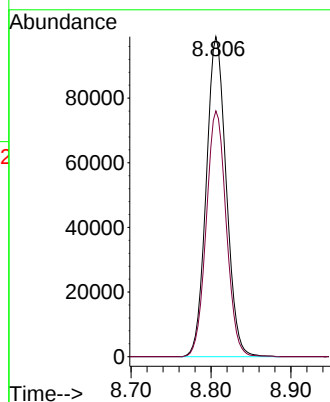
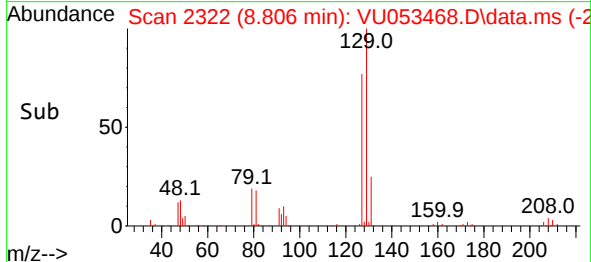
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion:129 Resp: 171950
Ion Ratio Lower Upper
129 100
127 76.9 61.4 92.0

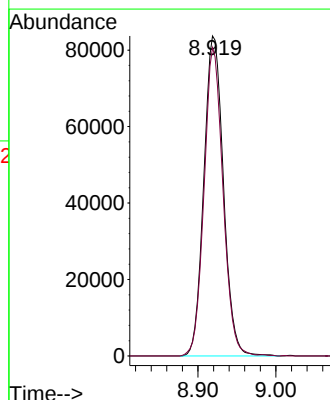
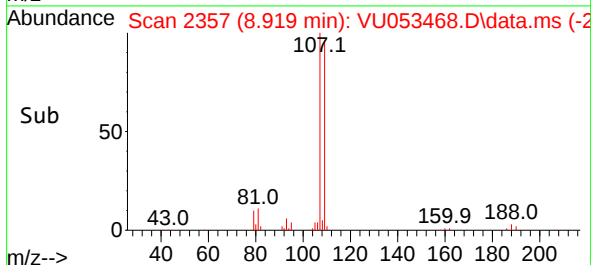
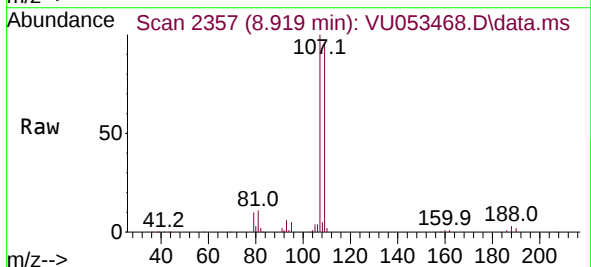
Manual Integrations
APPROVED

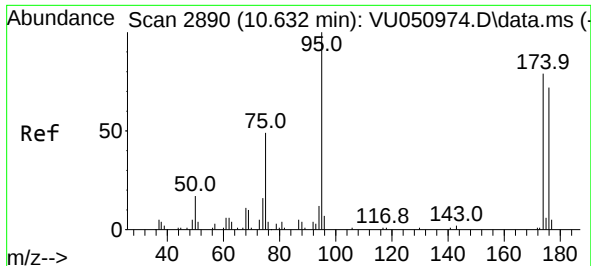
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#56
1,2-Dibromoethane
Concen: 16.553 ug/l
RT: 8.919 min Scan# 2357
Delta R.T. -0.003 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

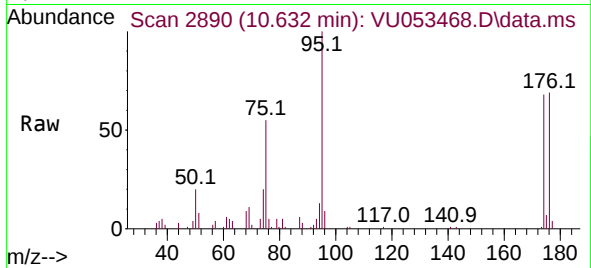
Tgt Ion:107 Resp: 145961
Ion Ratio Lower Upper
107 100
109 93.2 0.0 184.4





#57
4-Bromofluorobenzene
Concen: 1.049 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

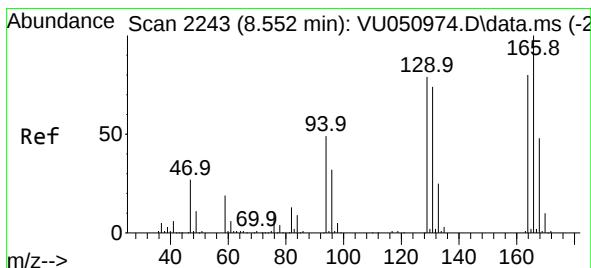
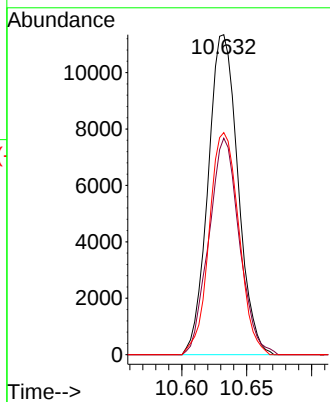
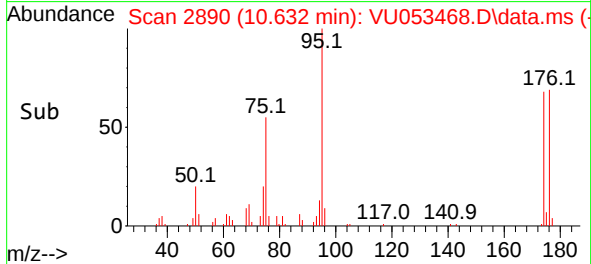
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion: 95 Resp: 18152
Ion Ratio Lower Upper
95 100
174 68.9 63.3 94.9
176 68.7 59.3 88.9

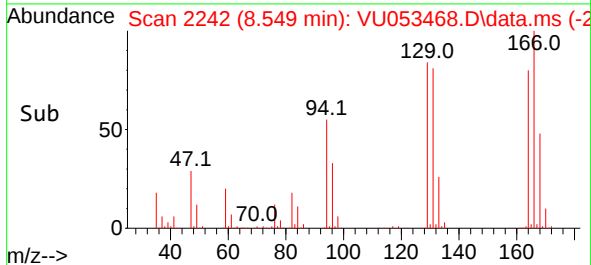
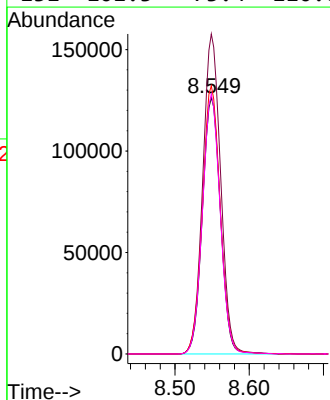
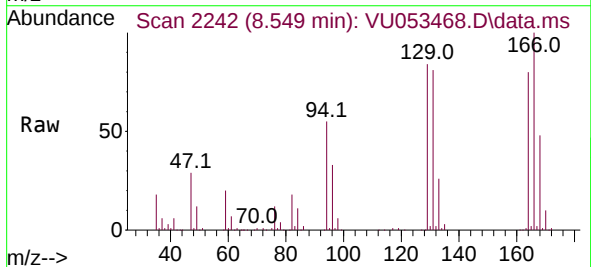
Manual Integrations
APPROVED

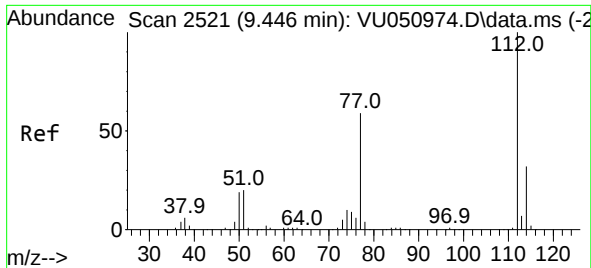
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#58
Tetrachloroethene
Concen: 16.694 ug/l
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

Tgt Ion:164 Resp: 212290
Ion Ratio Lower Upper
164 100
166 124.8 99.6 149.4
129 104.6 78.6 117.8
131 101.3 73.4 110.0





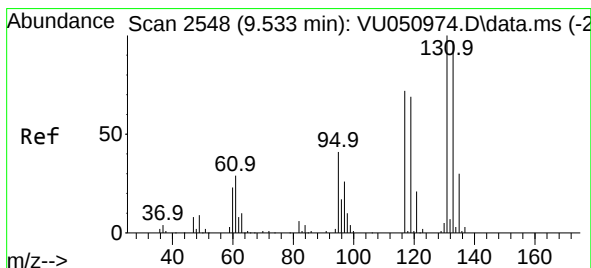
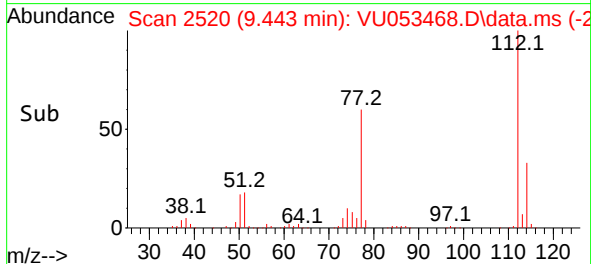
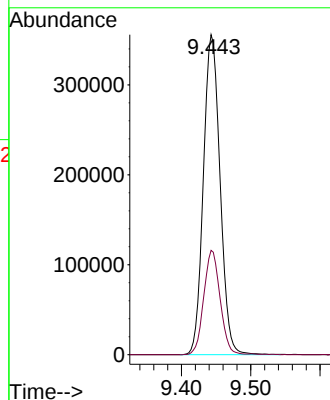
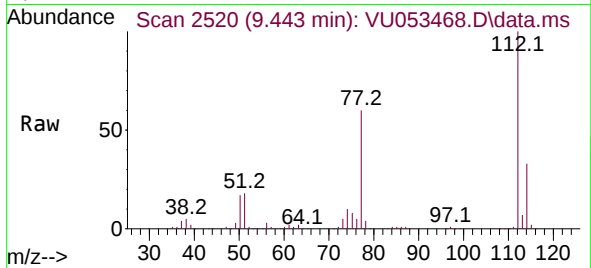
#59
Chlorobenzene
Concen: 16.301 ug/l
RT: 9.443 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:112 Resp: 594734
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4

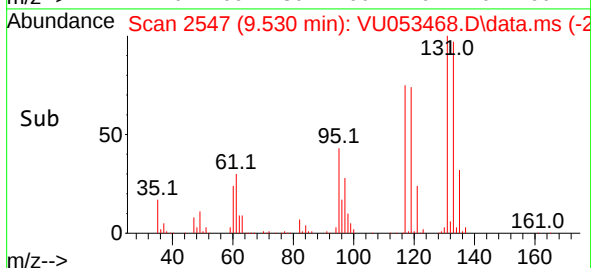
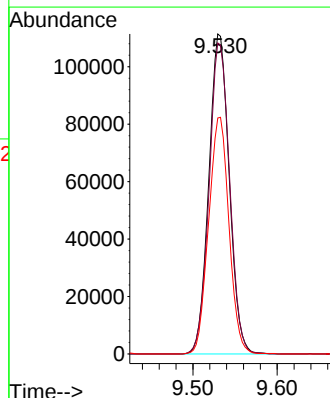
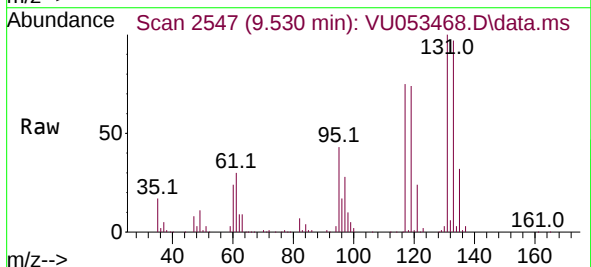
Manual Integrations
APPROVED

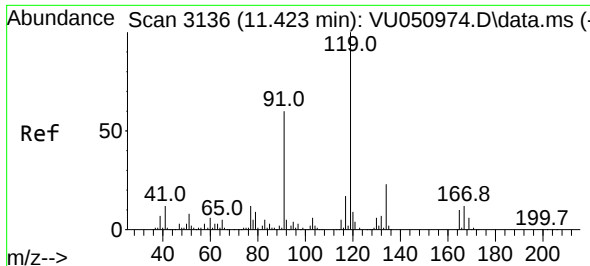
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#60
1,1,1,2-Tetrachloroethane
Concen: 16.899 ug/l
RT: 9.530 min Scan# 2547
Delta R.T. -0.003 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

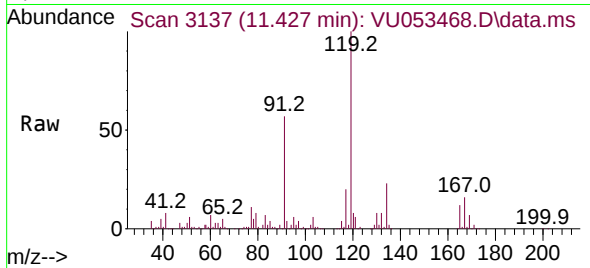
Tgt Ion:131 Resp: 187405
Ion Ratio Lower Upper
131 100
133 98.0 77.8 116.6
119 73.9 55.2 82.8





#61
Pentachloroethane
Concen: 16.565 ug/l
RT: 11.427 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

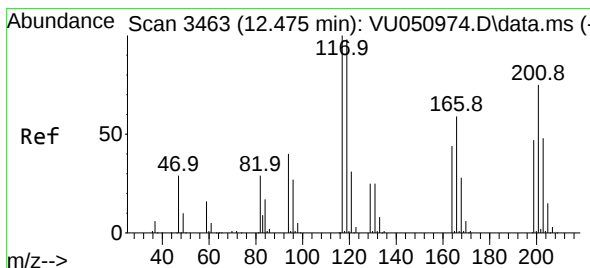
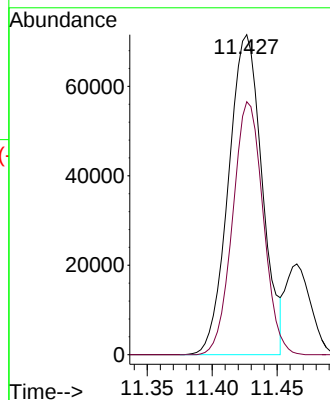
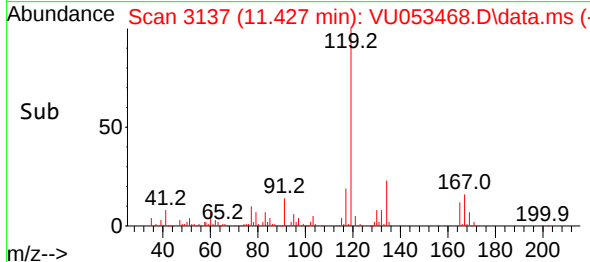
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion:117 Resp: 129069
Ion Ratio Lower Upper
117 100
167 71.6 56.7 85.1

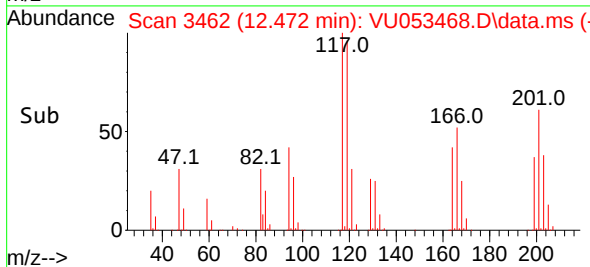
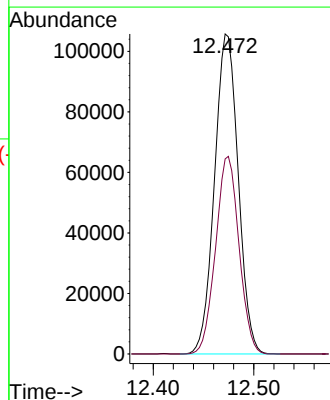
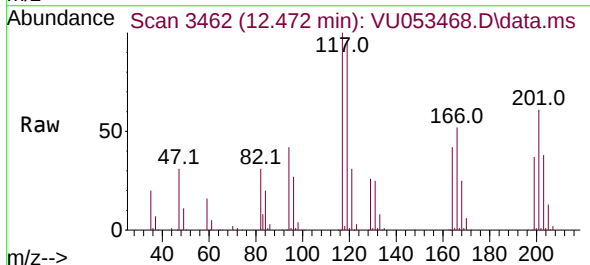
Manual Integrations
APPROVED

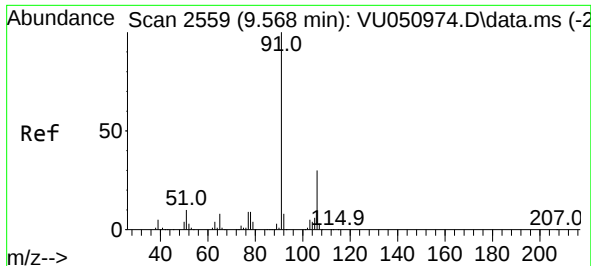
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#62
Hexachloroethane
Concen: 14.909 ug/l
RT: 12.472 min Scan# 3462
Delta R.T. -0.003 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

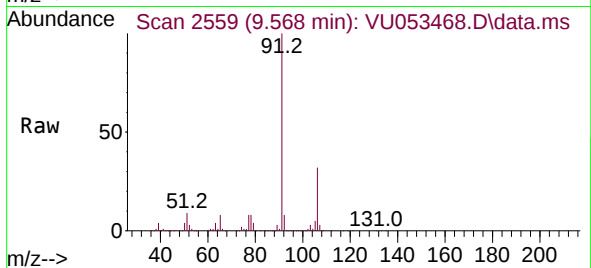
Tgt Ion:117 Resp: 173219
Ion Ratio Lower Upper
117 100
201 60.9 59.6 89.4





#63
Ethyl Benzene
Concen: 16.842 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

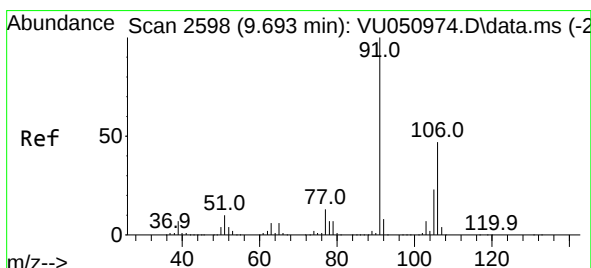
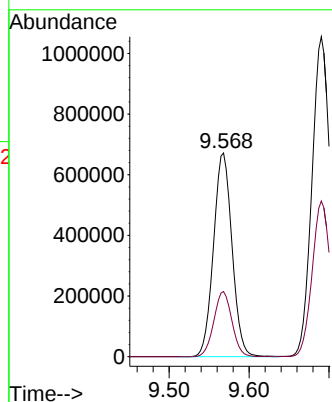
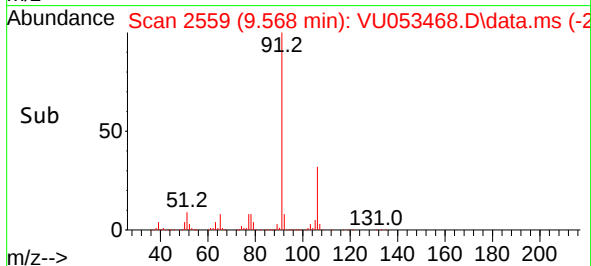
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



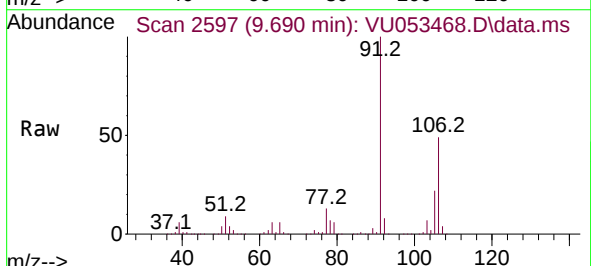
Tgt Ion: 91 Resp: 1077640
Ion Ratio Lower Upper
91 100
106 32.0 24.2 36.2

Manual Integrations
APPROVED

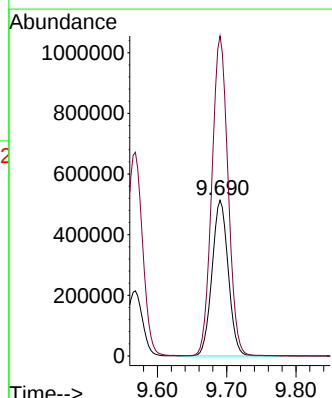
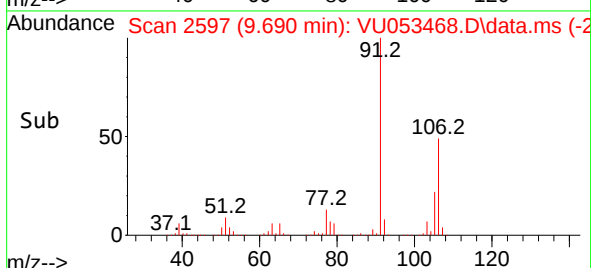
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

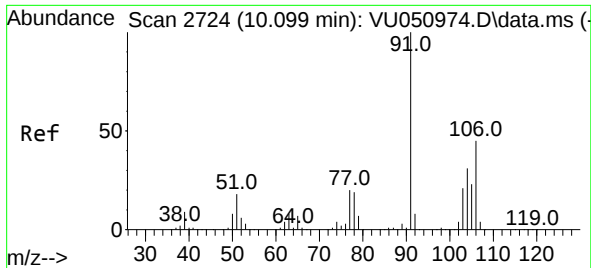


#64
m/p-Xylenes
Concen: 33.905 ug/l
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22



Tgt Ion:106 Resp: 829455
Ion Ratio Lower Upper
106 100
91 206.2 167.3 250.9





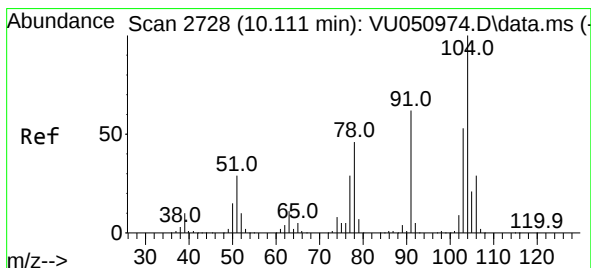
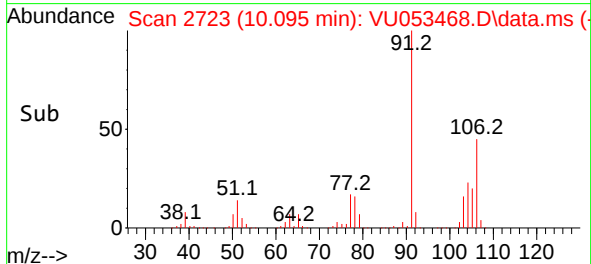
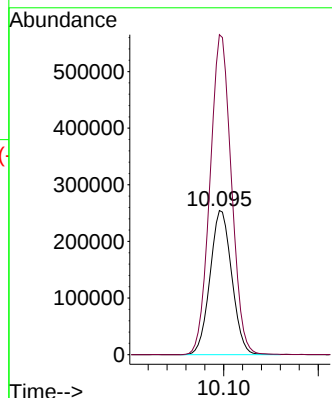
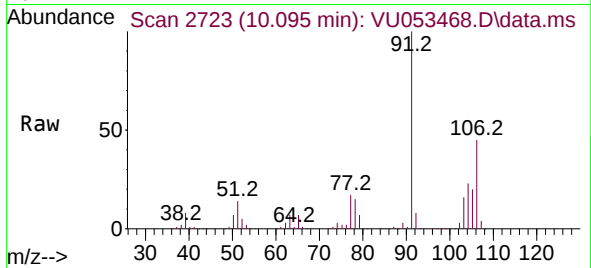
#65
o-Xylene
Concen: 16.969 ug/l
RT: 10.095 min Scan# 2723
Delta R.T. -0.004 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Tgt Ion:106 Resp: 406250
Ion Ratio Lower Upper
106 100
91 218.9 109.3 327.9

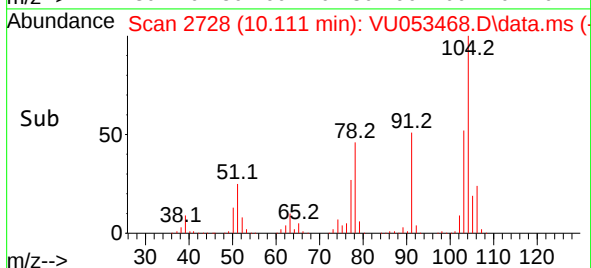
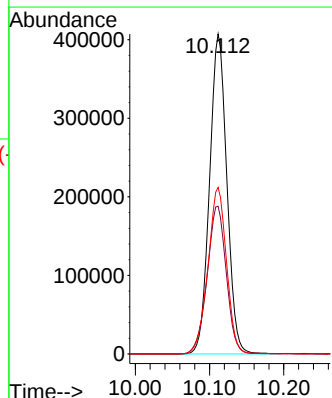
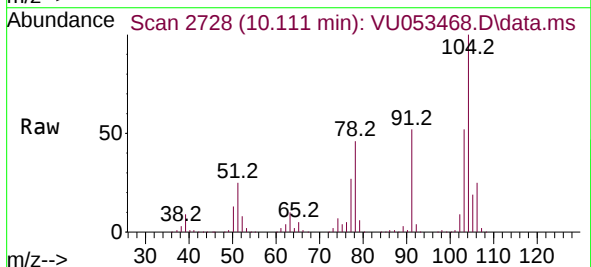
Manual Integrations
APPROVED

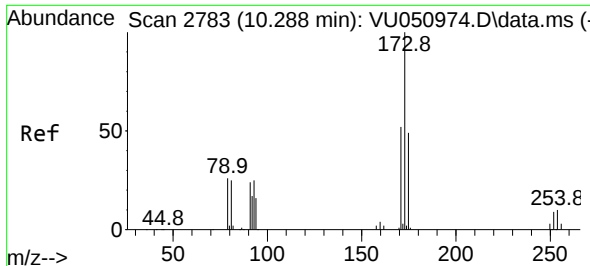
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#66
Styrene
Concen: 17.869 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

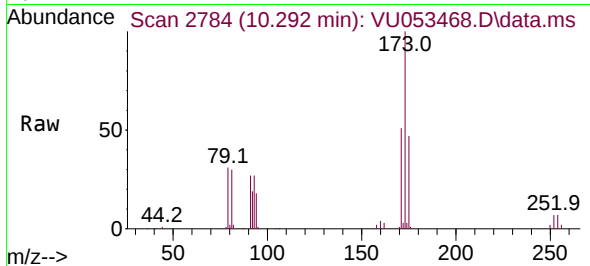
Tgt Ion:104 Resp: 657725
Ion Ratio Lower Upper
104 100
78 51.1 39.7 59.5
103 56.2 44.8 67.2





#67
Bromoform
Concen: 14.909 ug/l
RT: 10.292 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

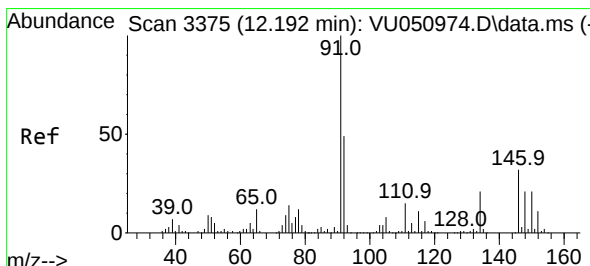
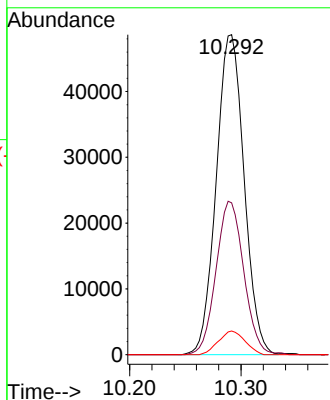
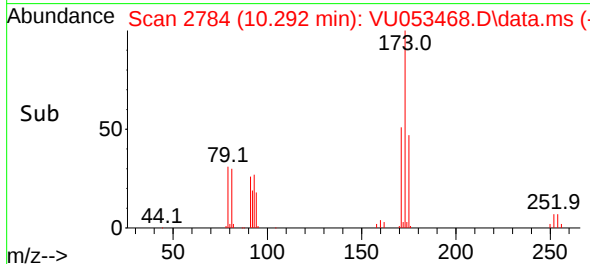
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



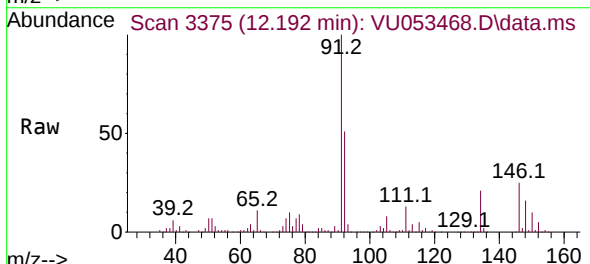
Tgt Ion:173 Resp: 84610
Ion Ratio Lower Upper
173 100
175 47.7 39.0 58.6
254 7.0 7.4 11.0

Manual Integrations
APPROVED

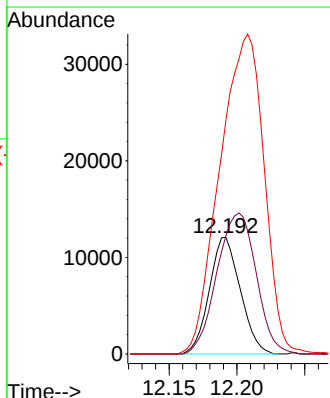
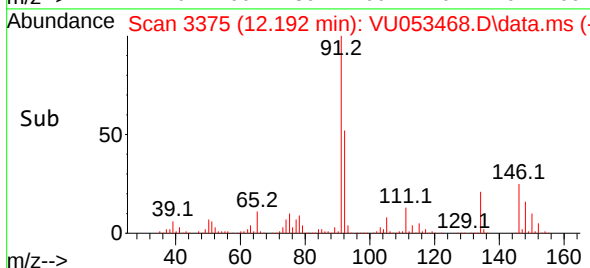
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

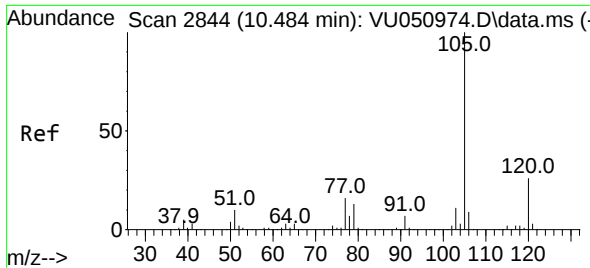


#68
1,2-Dichlorobenzene-d4
Concen: 1.103 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. 0.000 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22



Tgt Ion:152 Resp: 19148
Ion Ratio Lower Upper
152 100
115 153.3 0.0 308.8
150 392.5 0.0 635.0





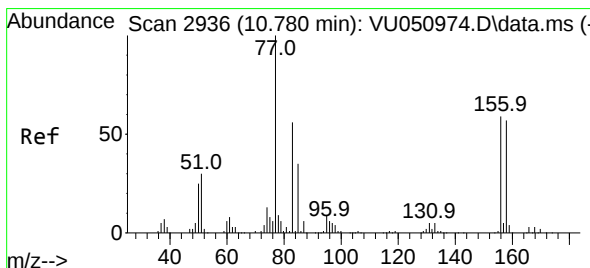
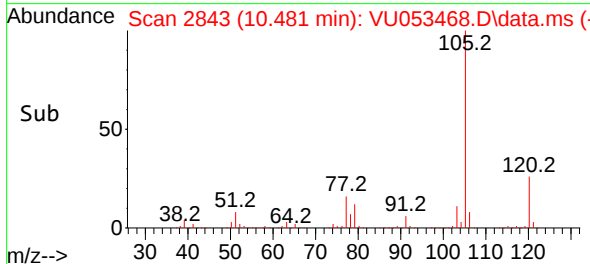
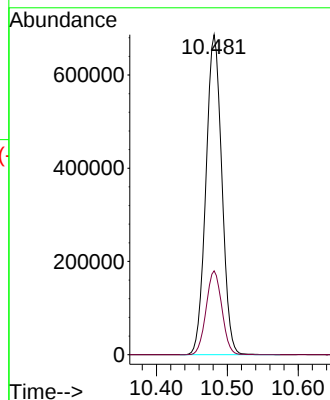
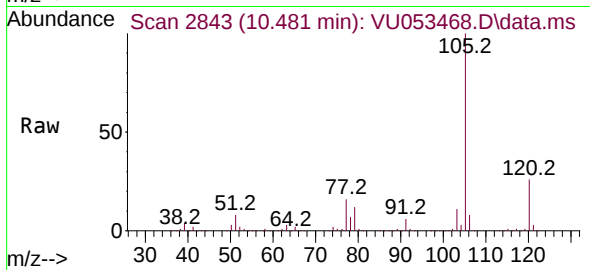
#69
Isopropylbenzene
Concen: 17.048 ug/l
RT: 10.481 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015

Tgt Ion:105 Resp: 106873
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.4

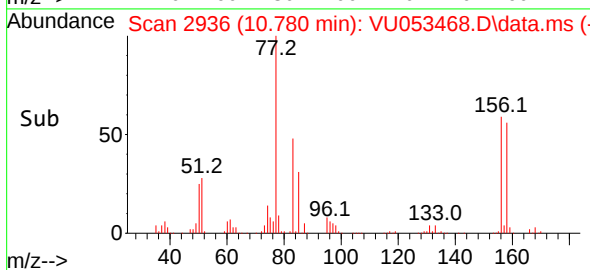
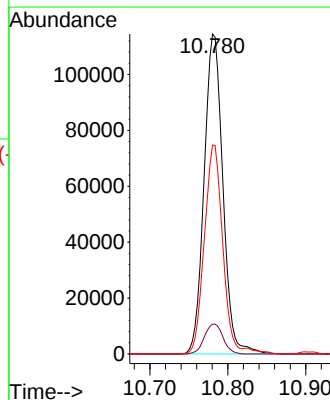
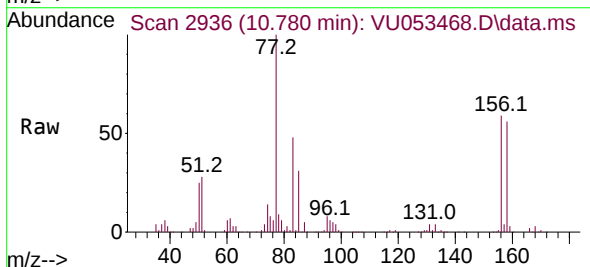
Manual Integrations
APPROVED

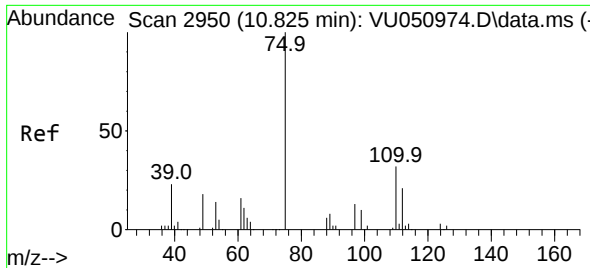
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#70
1,1,2,2-Tetrachloroethane
Concen: 16.624 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

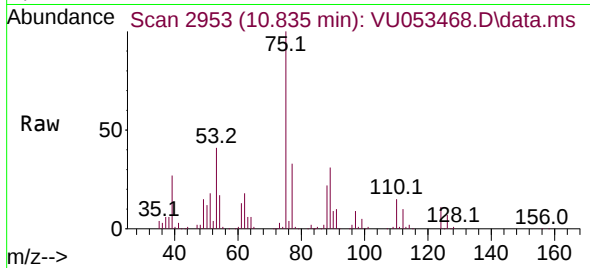
Tgt Ion: 83 Resp: 191523
Ion Ratio Lower Upper
83 100
131 9.3 7.2 10.8
85 63.0 50.5 75.7





#71
1,2,3-Trichloropropane
Concen: 17.779 ug/l m
RT: 10.835 min Scan# 2953
Delta R.T. 0.010 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

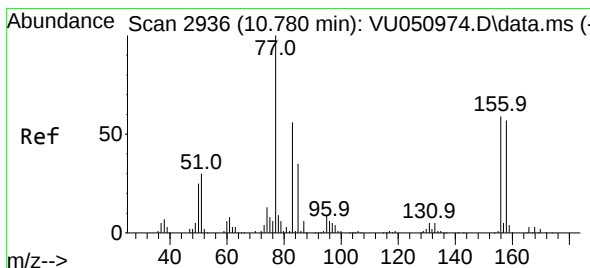
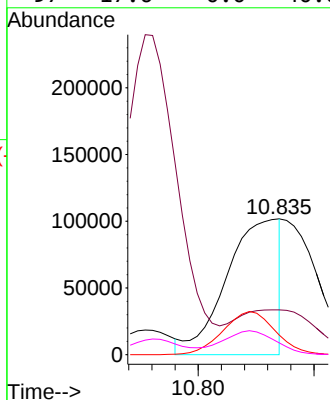
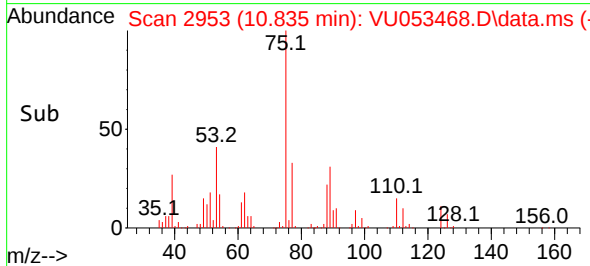
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion: 75 Resp: 163118
Ion Ratio Lower Upper
75 100
77 47.5 0.0 116.4
110 31.3 0.0 74.6
97 17.6 0.0 40.0

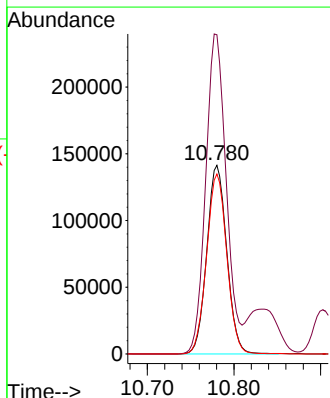
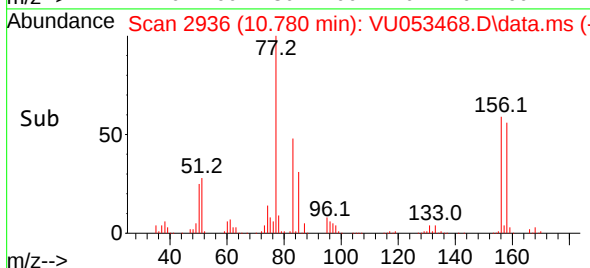
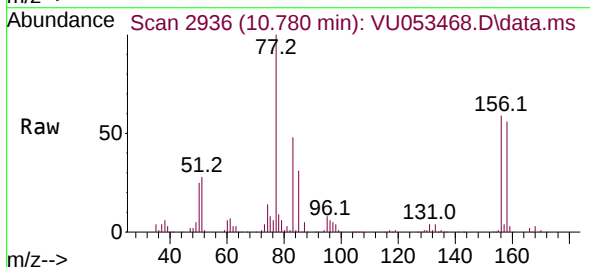
Manual Integrations
APPROVED

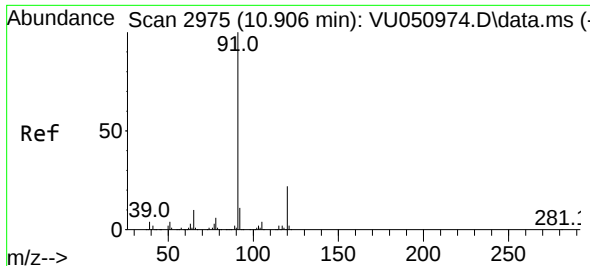
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#72
Bromobenzene
Concen: 17.259 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

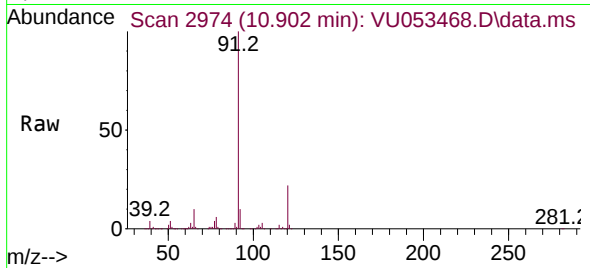
Tgt Ion:156 Resp: 226667
Ion Ratio Lower Upper
156 100
77 174.5 0.0 343.0
158 96.5 0.0 194.8





#73
n-propylbenzene
Concen: 17.847 ug/l
RT: 10.902 min Scan# 2975
Delta R.T. -0.004 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

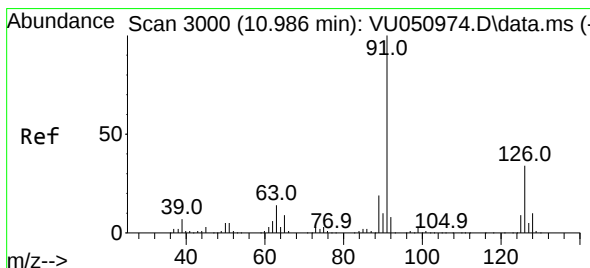
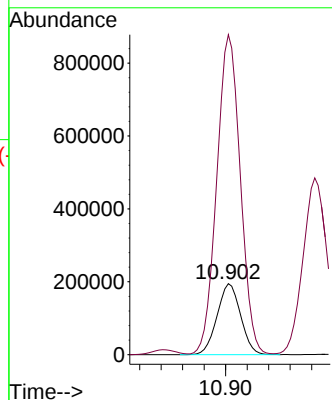
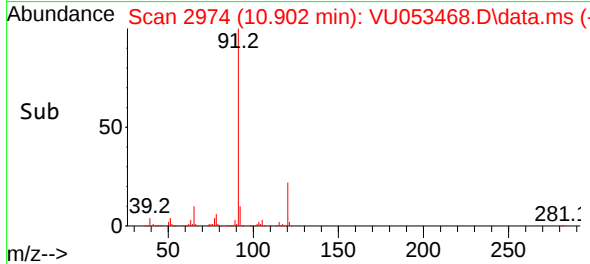
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion:120 Resp: 295572
Ion Ratio Lower Upper
120 100
91 449.9 369.8 554.6

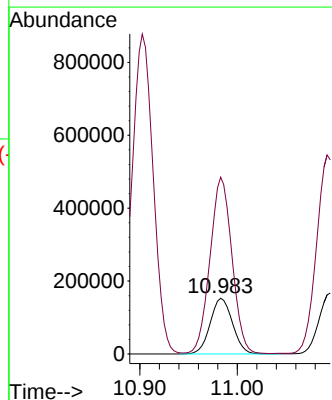
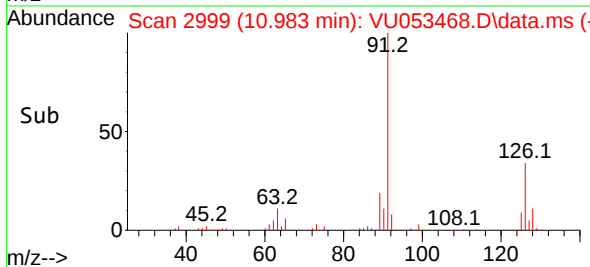
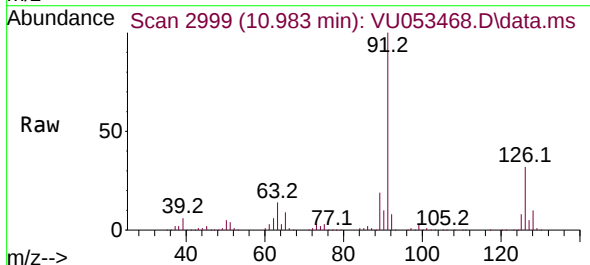
Manual Integrations
APPROVED

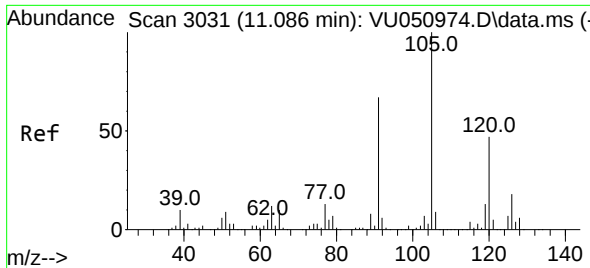
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#74
2-Chlorotoluene
Concen: 16.945 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.003 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

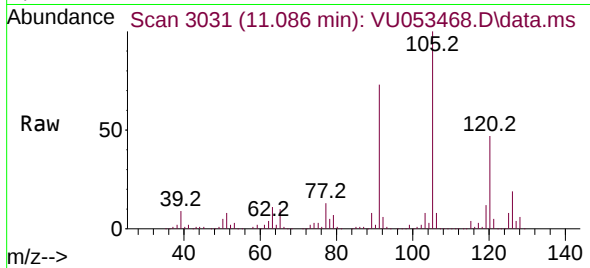
Tgt Ion:126 Resp: 242621
Ion Ratio Lower Upper
126 100
91 310.9 0.0 610.0





#75
1,3,5-Trimethylbenzene
Concen: 17.635 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

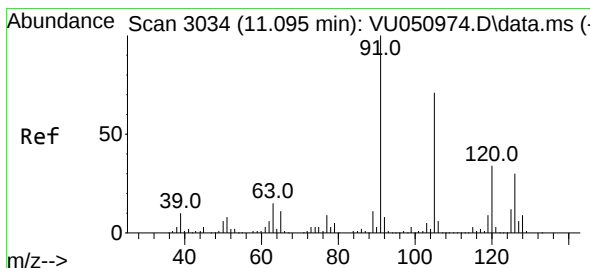
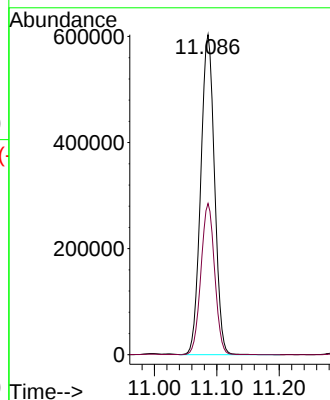
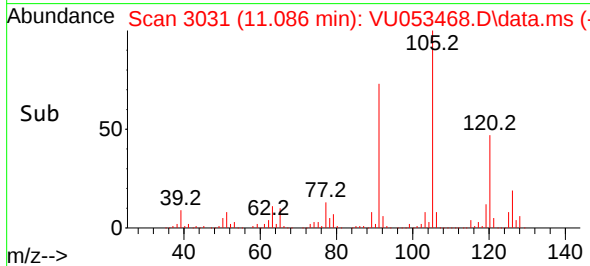
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



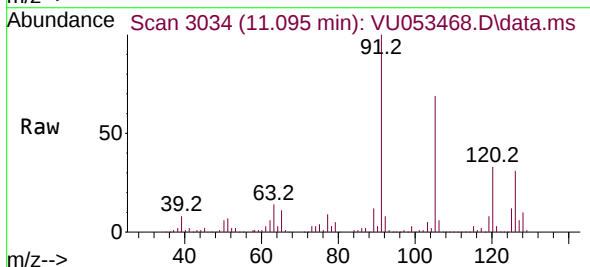
Tgt Ion:105 Resp: 928349
Ion Ratio Lower Upper
105 100
120 46.8 37.8 56.8

Manual Integrations
APPROVED

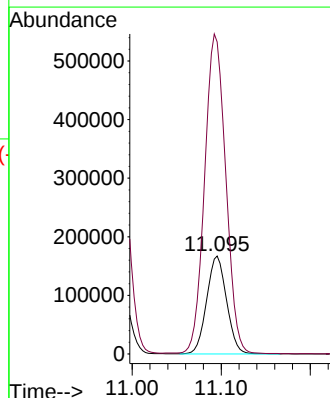
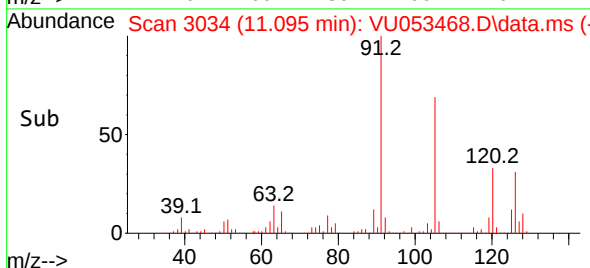
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

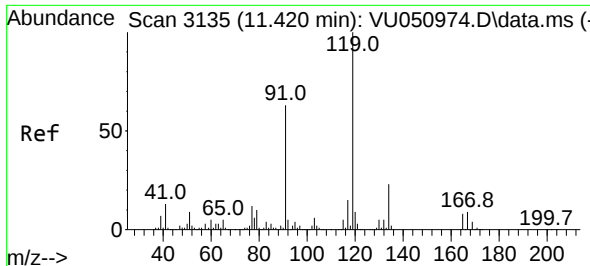


#76
4-Chlorotoluene
Concen: 17.381 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22



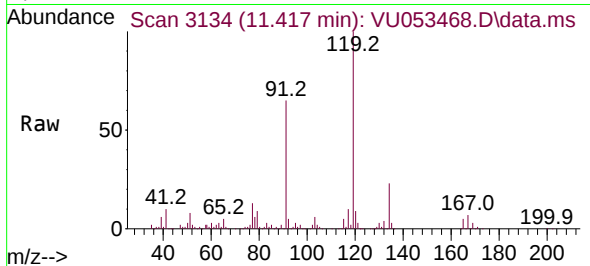
Tgt Ion:126 Resp: 258413
Ion Ratio Lower Upper
126 100
91 348.5 0.0 686.2





#77
tert-Butylbenzene
Concen: 17.542 ug/l
RT: 11.417 min Scan# 3135
Delta R.T. -0.003 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

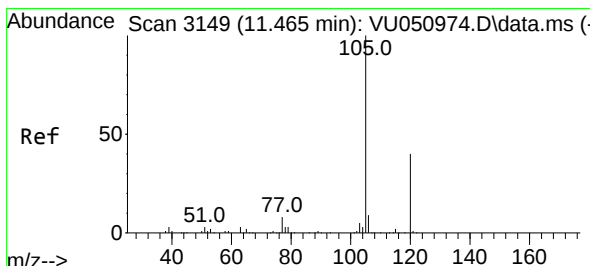
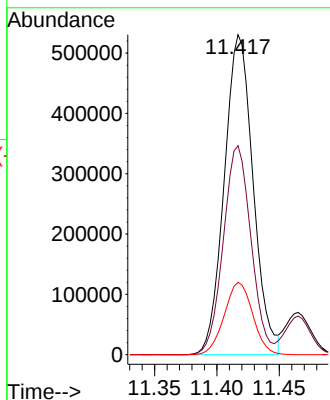
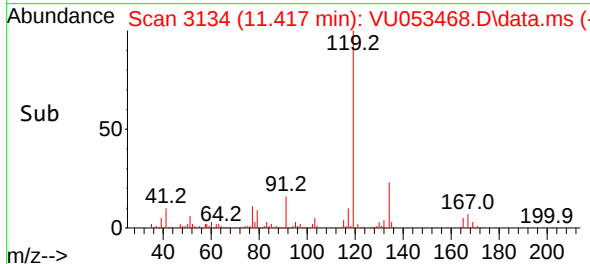
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion:119 Resp: 855930
Ion Ratio Lower Upper
119 100
91 63.0 30.8 92.4
134 22.3 18.0 27.0

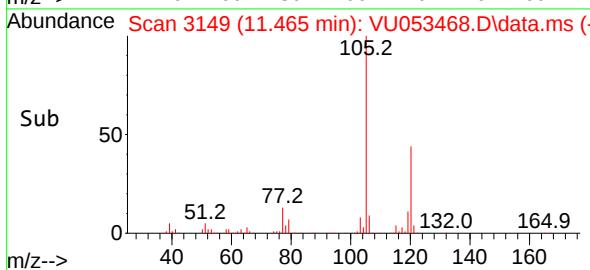
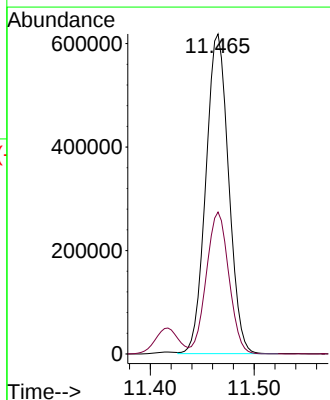
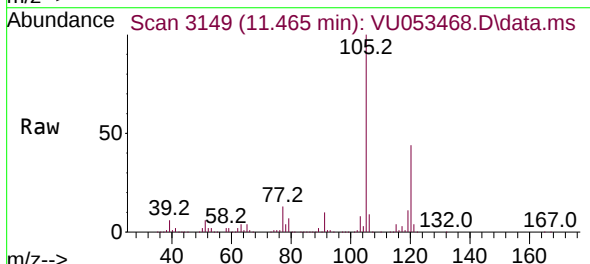
Manual Integrations
APPROVED

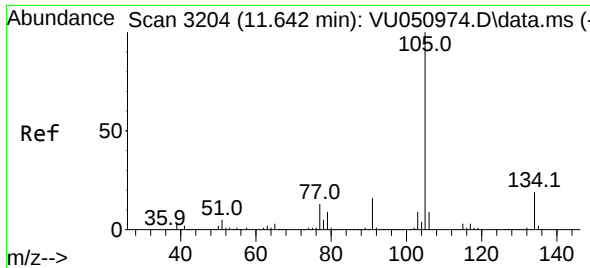
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#78
1,2,4-Trimethylbenzene
Concen: 17.547 ug/l
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

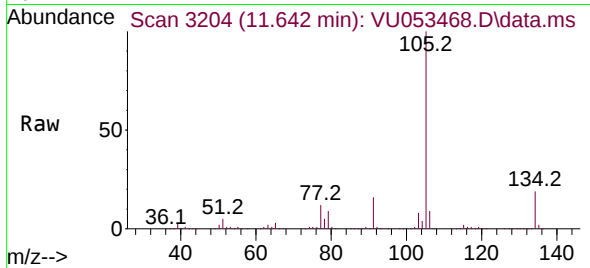
Tgt Ion:105 Resp: 940710
Ion Ratio Lower Upper
105 100
120 44.0 21.9 65.8





#79
 sec-Butylbenzene
 Concen: 17.351 ug/l
 RT: 11.642 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU053468.D
 Acq: 29 Mar 2023 16:22

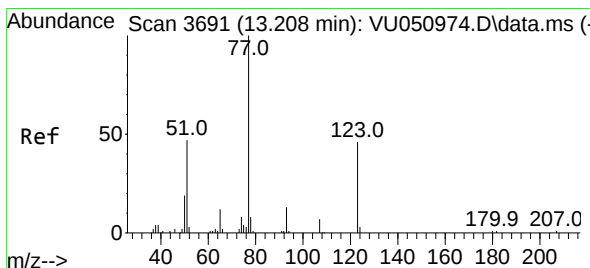
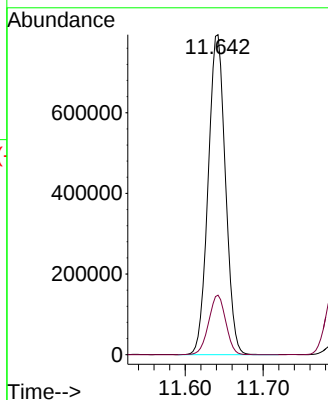
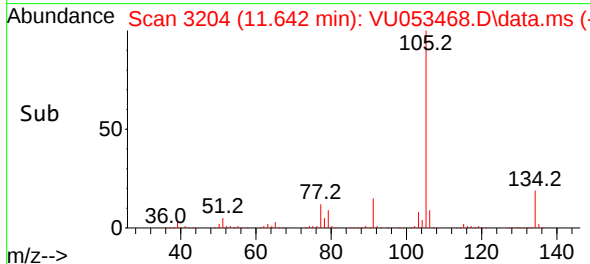
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC015



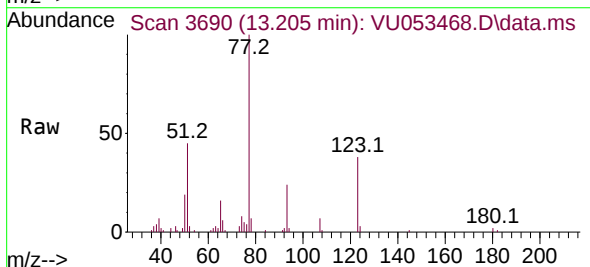
Tgt Ion:105 Resp: 1219398
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.9 22.3

Manual Integrations
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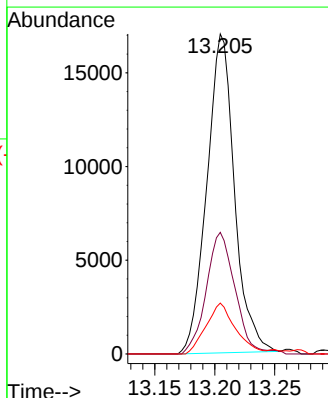
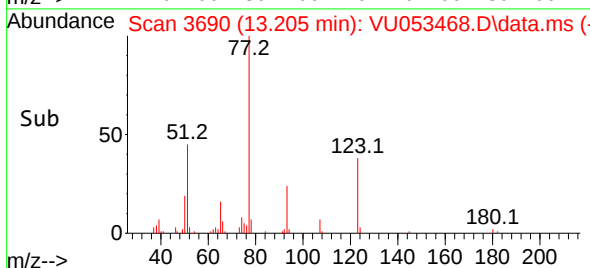
Reviewed By :Krupa Patel 04/07/2023
 Supervised By :Mahesh Dadoda 04/07/2023

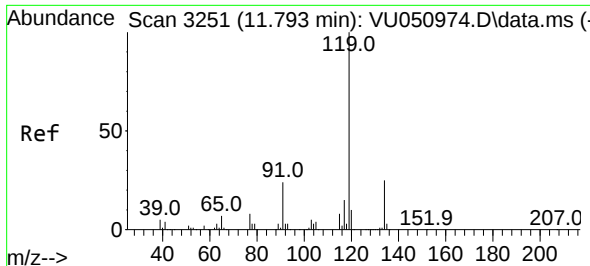


#80
 Nitrobenzene
 Concen: 94.075 ug/l
 RT: 13.205 min Scan# 3690
 Delta R.T. -0.003 min
 Lab File: VU053468.D
 Acq: 29 Mar 2023 16:22



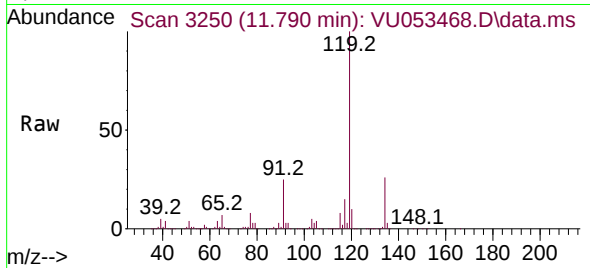
Tgt Ion: 77 Resp: 27231
 Ion Ratio Lower Upper
 77 100
 123 39.8 19.7 69.7
 65 15.8 11.5 14.7#





#81
p-Isopropyltoluene
Concen: 17.743 ug/l
RT: 11.790 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

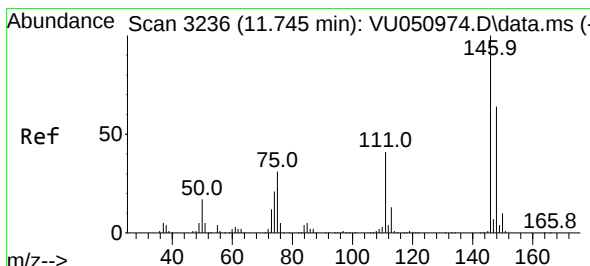
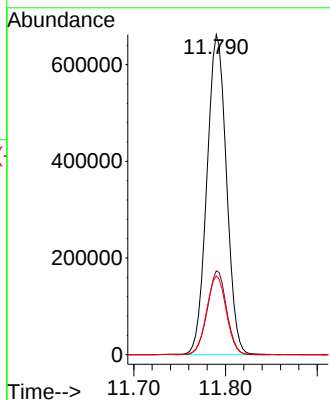
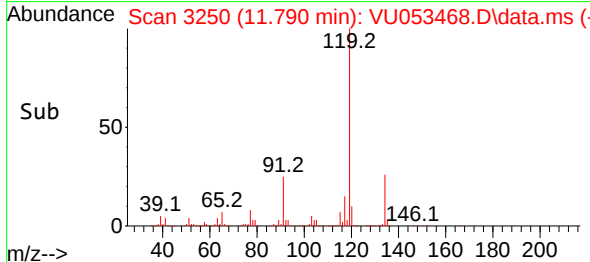
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



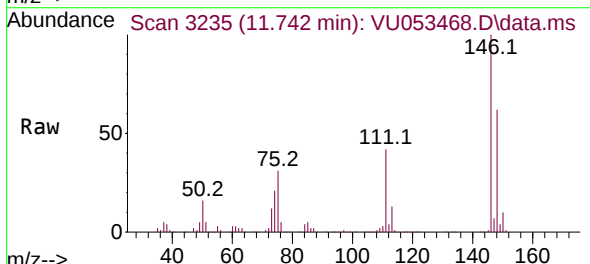
Tgt Ion:119 Resp: 979509
Ion Ratio Lower Upper
119 100
134 25.7 20.2 30.4
91 24.8 19.3 28.9

Manual Integrations
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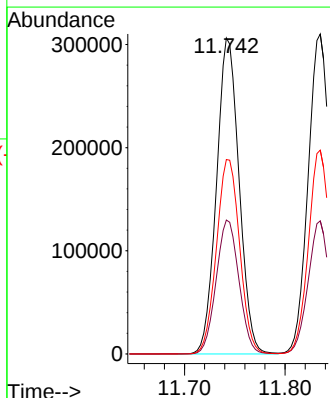
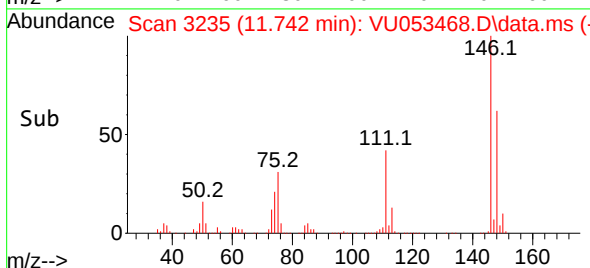
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

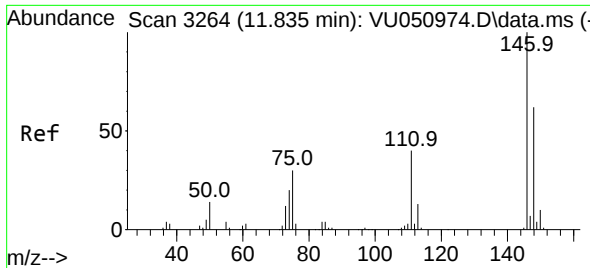


#82
1,3-Dichlorobenzene
Concen: 17.085 ug/l
RT: 11.742 min Scan# 3235
Delta R.T. -0.003 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22



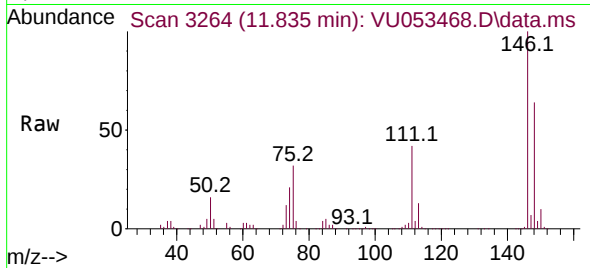
Tgt Ion:146 Resp: 478209
Ion Ratio Lower Upper
146 100
111 42.6 32.6 49.0
148 63.2 51.0 76.4





#83
1,4-Dichlorobenzene
Concen: 16.935 ug/l
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

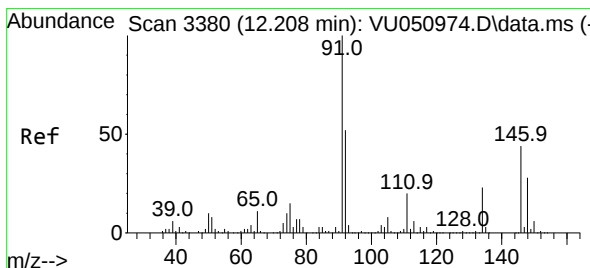
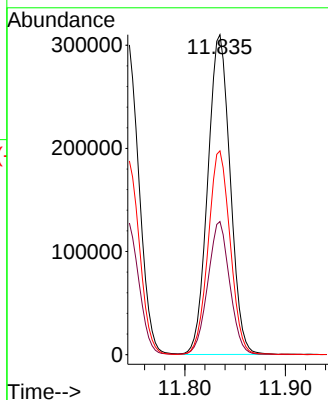
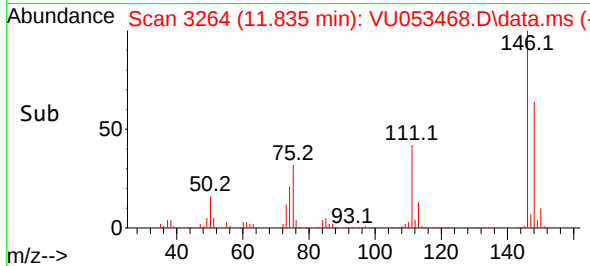
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



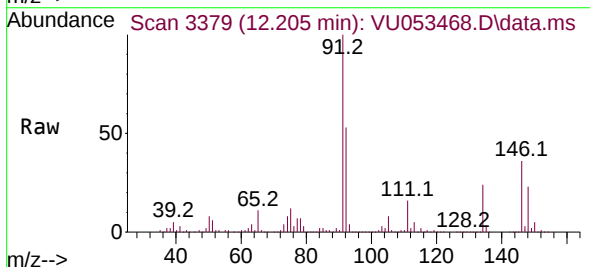
Tgt Ion:146 Resp: 479670
Ion Ratio Lower Upper
146 100
111 40.7 31.6 47.4
148 62.6 50.3 75.5

Manual Integrations
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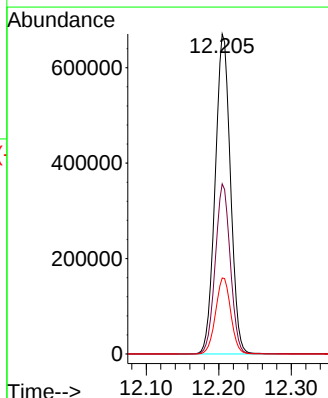
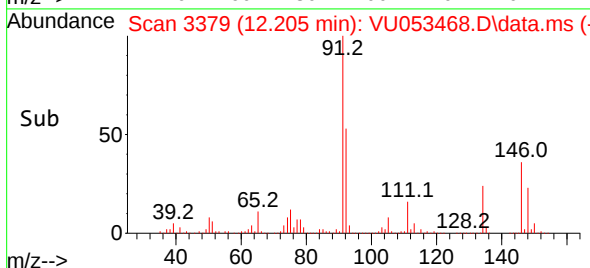
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023

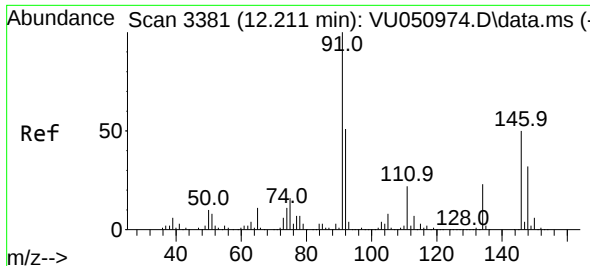


#84
n-Butylbenzene
Concen: 18.001 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. -0.003 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22



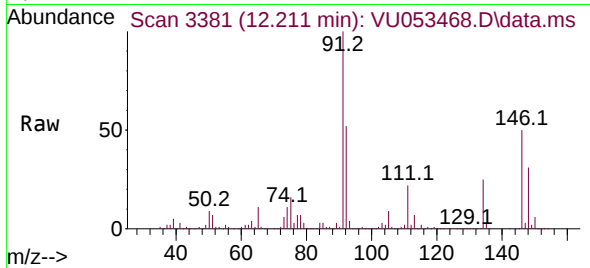
Tgt Ion: 91 Resp: 981844
Ion Ratio Lower Upper
91 100
92 52.2 40.8 61.2
134 23.6 18.4 27.6





#85
1,2-Dichlorobenzene
Concen: 16.929 ug/l
RT: 12.211 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

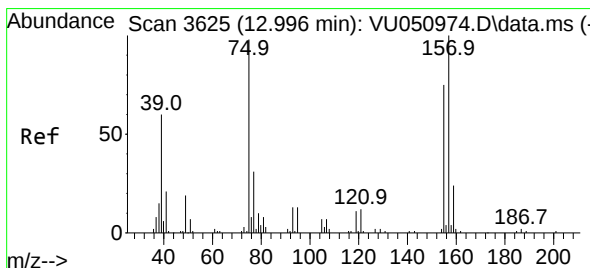
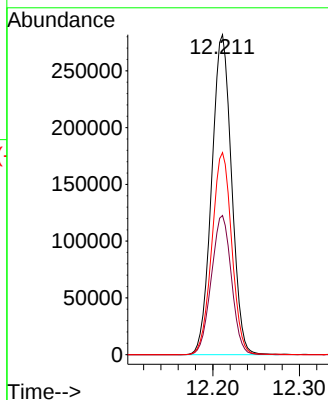
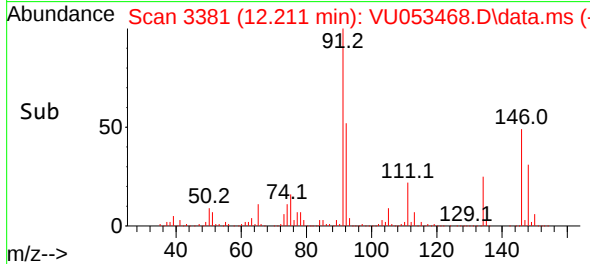
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015



Tgt Ion:146 Resp: 449000
Ion Ratio Lower Upper
146 100
111 44.0 21.6 64.6
148 63.2 32.1 96.5

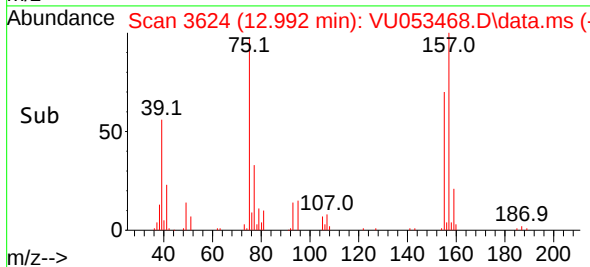
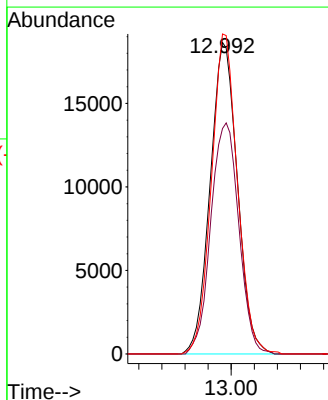
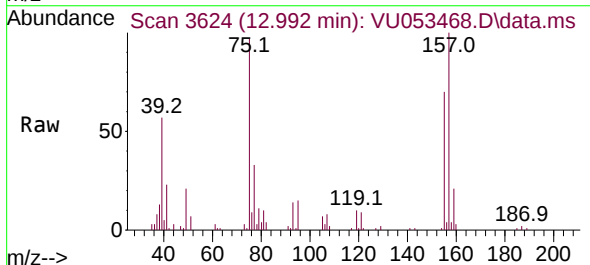
Manual Integrations
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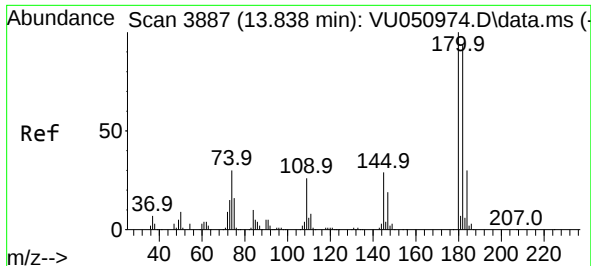
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#86
1,2-Dibromo-3-Chloropropane
Concen: 17.429 ug/l
RT: 12.992 min Scan# 3624
Delta R.T. -0.003 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

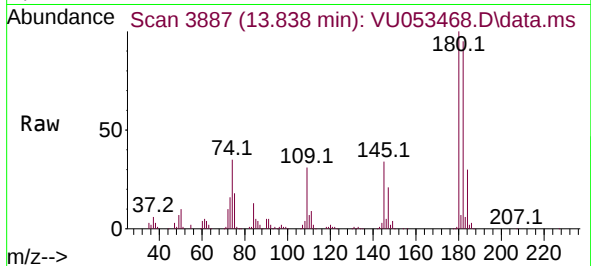
Tgt Ion: 75 Resp: 30496
Ion Ratio Lower Upper
75 100
155 76.2 61.8 92.8
157 98.3 80.2 120.4





#87
1,2,4-Trichlorobenzene
Concen: 17.452 ug/l
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

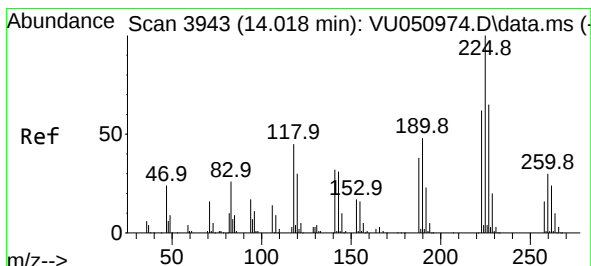
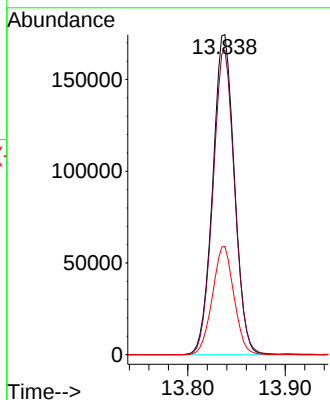
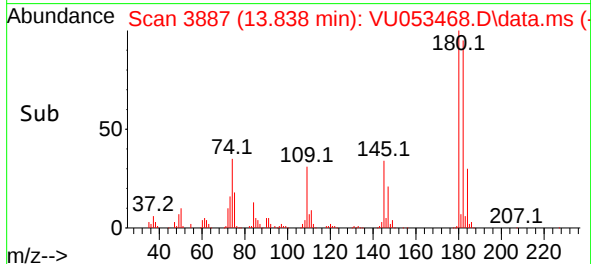
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



Tgt Ion:180 Resp: 269983
Ion Ratio Lower Upper
180 100
182 95.1 75.8 113.6
145 33.6 23.9 35.9

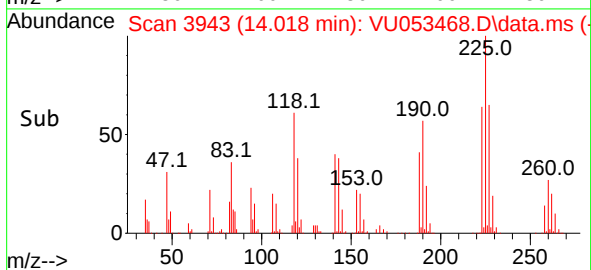
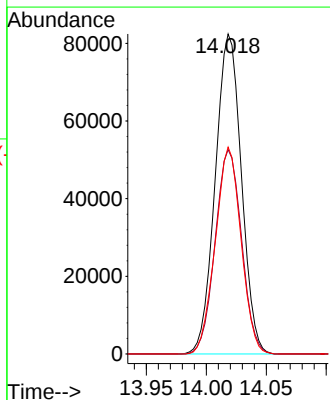
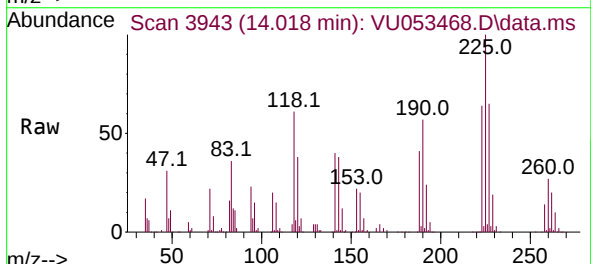
Manual Integrations
APPROVED

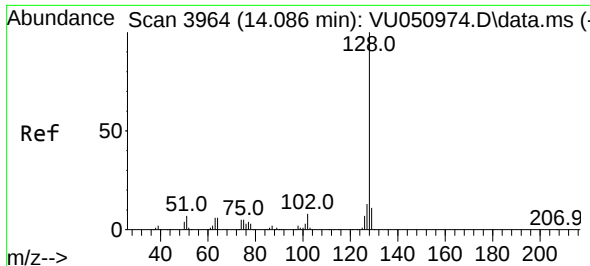
Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#88
Hexachlorobutadiene
Concen: 16.862 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. 0.000 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

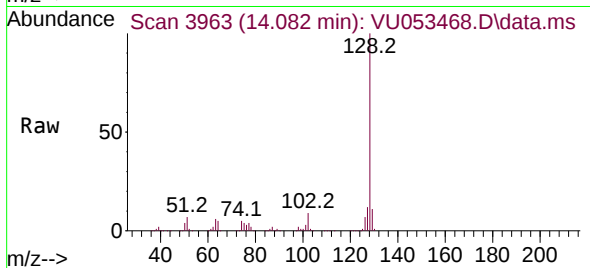
Tgt Ion:225 Resp: 124757
Ion Ratio Lower Upper
225 100
223 64.5 50.2 75.4
227 63.5 51.5 77.3





#89
Naphthalene
Concen: 17.883 ug/l
RT: 14.082 min Scan# 3964
Delta R.T. -0.004 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22

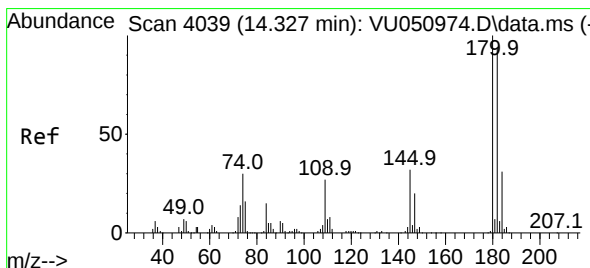
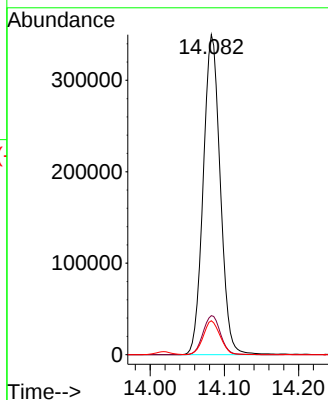
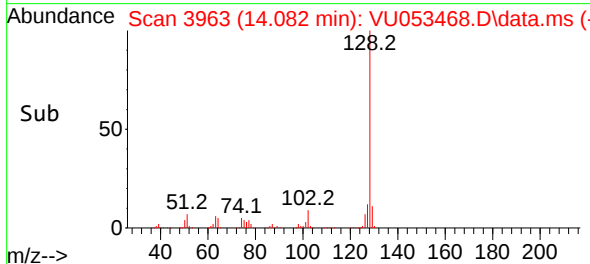
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC015



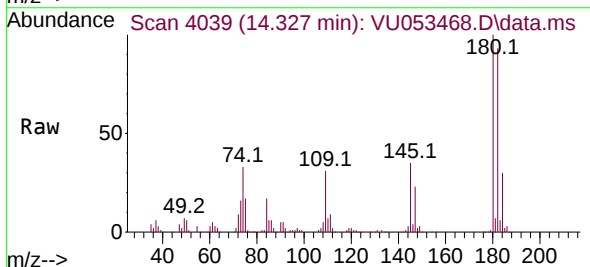
Tgt Ion:128 Resp: 556609
Ion Ratio Lower Upper
128 100
127 12.5 10.9 16.3
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/07/2023
Supervised By :Mahesh Dadoda 04/07/2023



#90
1,2,3-Trichlorobenzene
Concen: 18.066 ug/l
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU053468.D
Acq: 29 Mar 2023 16:22



Tgt Ion:180 Resp: 240786
Ion Ratio Lower Upper
180 100
182 93.7 75.7 113.5
145 34.5 26.1 39.1

