

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101722\
 Data File : VU051429.D
 Acq On : 17 Oct 2022 15:07
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/21/2022

Quant Time: Oct 18 04:22:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 18 04:21:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.115	96	50787	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	15287	0.909	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	18085	0.967	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	13161	0.773	ug/l	100
3) Chloromethane	1.539	50	29466	1.275	ug/l	99
4) Vinyl Chloride	1.604	62	22938	1.058	ug/l	# 50
5) Bromomethane	1.855	94	13435	0.982	ug/l	91
6) Chloroethane	1.932	64	12022	0.894	ug/l	94
7) Trichlorofluoromethane	2.141	101	24528	0.993	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	13295	0.946	ug/l	97
9) 1,1-Dichloroethene	2.578	96	15018	1.018	ug/l	89
10) Iodomethane	2.723	142	18700	0.892	ug/l	98
11) Allyl Chloride	2.922	41	22522	0.981	ug/l	96
12) Acrylonitrile	3.314	53	9300	2.004	ug/l	90
13) Acetone	2.626	43	15417	4.969	ug/l	94
14) Carbon Disulfide	2.790	76	52786	0.947	ug/l	98
15) Methylene Chloride	3.041	84	24137	0.950	ug/l	95
16) trans-1,2-Dichloroethene	3.350	96	17983	1.075	ug/l	98
17) 1,1-Dichloroethane	3.867	63	31171	1.064	ug/l	99
18) 2-Butanone	4.719	43	17826	4.400	ug/l	99
19) Cyclohexane	5.385	56	15688m	0.804	ug/l	
20) Methylcyclohexane	6.758	83	14800	0.753	ug/l	96
21) 2,2-Dichloropropane	4.661	77	20241	1.014	ug/l	99
22) cis-1,2-Dichloroethene	4.665	96	14962	0.931	ug/l	95
23) Diethyl Ether	2.379	59	12965	0.982	ug/l	99
24) tert-Butyl Alcohol	3.189	59	13372	17.527	ug/l	96
25) Methyl tert-Butyl Ether	3.369	73	37642	0.954	ug/l	97
26) Bromochloromethane	4.977	128	7474	0.966	ug/l	93
27) Chloroform	5.089	83	31445	1.056	ug/l	99
28) 1,1,1-Trichloroethane	5.317	97	24378	1.033	ug/l	99
29) 1,1-Dichloropropene	5.526	75	15834	0.844	ug/l	97
30) Carbon Tetrachloride	5.523	117	20251	1.010	ug/l	98
31) Isopropyl Ether	3.999	45	33421	0.882	ug/l	90
32) Ethyl-t-butyl ether	4.510	59	29682	0.882	ug/l	100
33) Tert-Amyl methyl ether	5.944	73	24592	0.818	ug/l	96
34) Propionitrile	4.787	54	5572	4.387	ug/l	# 82
35) Benzene	5.774	78	59198	0.950	ug/l	99
36) 1,2-Dichloroethane	5.796	62	20406	1.044	ug/l	99
37) Trichloroethene	6.542	130	14285	0.946	ug/l	95
38) 1,2-Dichloropropane	6.790	63	16158	0.952	ug/l	97
39) Methacrylonitrile	4.983	41	3640	0.811	ug/l	# 96
40) Methyl acrylate	4.861	55	6227	0.807	ug/l	# 84
41) Tetrahydrofuran	5.073	42	3920	1.655	ug/l	# 90
42) 1-Chlorobutane	5.456	56	22252	0.853	ug/l	96
43) Dibromomethane	6.919	93	9193	1.008	ug/l	93
44) Bromodichloromethane	7.105	83	21206	0.993	ug/l	98

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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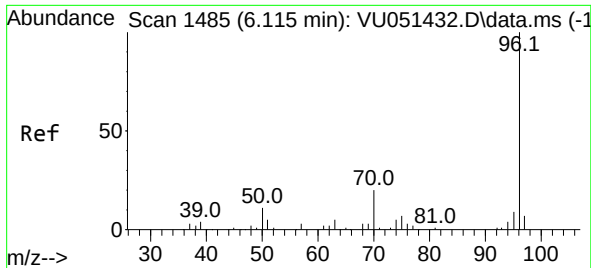
Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/21/2022

Quant Time: Oct 18 04:22:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
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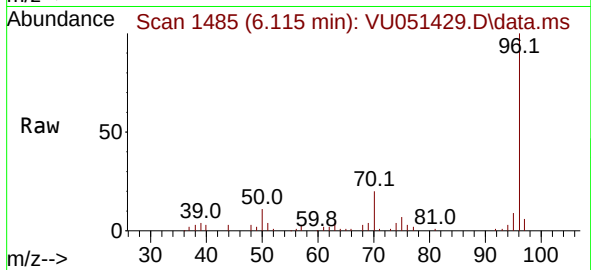
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45) 4-Methyl-2-Pentanone	7.796	43	33586	3.481	ug/l	93
46) t-1,4-Dichloro-2-butene	10.828	75	8773m	2.575	ug/l	
47) Methyl methacrylate	6.964	69	10424	1.419	ug/l	94
48) Ethyl methacrylate	8.337	69	8724	0.708	ug/l	89
49) Toluene	7.970	92	28827	0.847	ug/l	98
50) t-1,3-Dichloropropene	8.211	75	15479	0.898	ug/l	96
51) cis-1,3-Dichloropropene	7.607	75	18305	0.911	ug/l	96
52) 1,1,2-Trichloroethane	8.401	97	12553	0.946	ug/l	97
53) 1,3-Dichloropropane	8.575	76	18914	0.894	ug/l	100
54) 2-Hexanone	8.687	43	22232	3.256	ug/l	91
55) Dibromochloromethane	8.809	129	13390	0.926	ug/l	100
56) 1,2-Dibromoethane	8.925	107	10708	0.905	ug/l	97
58) Tetrachloroethene	8.552	164	12170	0.817	ug/l	98
59) Chlorobenzene	9.446	112	34346	0.915	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	13922	0.953	ug/l	98
61) Pentachloroethane	11.426	117	12601	1.180	ug/l	98
62) Hexachloroethane	12.475	117	12513	1.061	ug/l	98
63) Ethyl Benzene	9.568	91	44739	0.776	ug/l	99
64) m/p-Xylenes	9.690	106	33062	1.450	ug/l	99
65) o-Xylene	10.099	106	16447	0.741	ug/l	96
66) Styrene	10.115	104	26347	0.720	ug/l	97
67) Bromoform	10.288	173	7642	0.917	ug/l	97
69) Isopropylbenzene	10.484	105	39970	0.726	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.783	83	16633	0.968	ug/l	96
71) 1,2,3-Trichloropropane	10.822	75	13421m	0.983	ug/l	
72) Bromobenzene	10.780	156	13357	0.895	ug/l	97
73) n-propylbenzene	10.902	120	10743	0.718	ug/l	89
74) 2-Chlorotoluene	10.983	126	11505	0.790	ug/l	90
75) 1,3,5-Trimethylbenzene	11.086	105	33778	0.690	ug/l	95
76) 4-Chlorotoluene	11.095	126	11195	0.776	ug/l	89
77) tert-Butylbenzene	11.420	119	38056	0.832	ug/l	95
78) 1,2,4-Trimethylbenzene	11.468	105	33576	0.665	ug/l	97
79) sec-Butylbenzene	11.642	105	46120	0.735	ug/l	98
80) Nitrobenzene	13.211	77	4238	4.462	ug/l #	96
81) p-Isopropyltoluene	11.790	119	35815	0.721	ug/l	98
82) 1,3-Dichlorobenzene	11.745	146	27871	0.882	ug/l	97
83) 1,4-Dichlorobenzene	11.835	146	26578	0.851	ug/l	99
84) n-Butylbenzene	12.208	91	36909	0.791	ug/l	96
85) 1,2-Dichlorobenzene	12.211	146	28089	0.901	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.996	75	2401	0.832	ug/l	95
87) 1,2,4-Trichlorobenzene	13.841	180	15719	0.930	ug/l	94
88) Hexachlorobutadiene	14.018	225	10082	0.926	ug/l	94
89) Naphthalene	14.086	128	29804	0.944	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	17096	0.944	ug/l	96

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.115 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

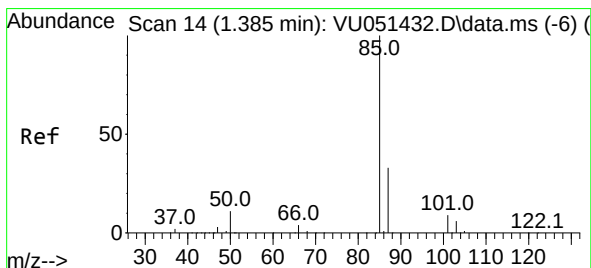
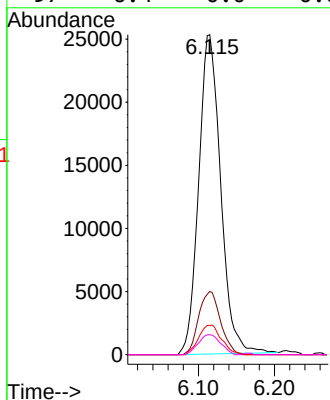
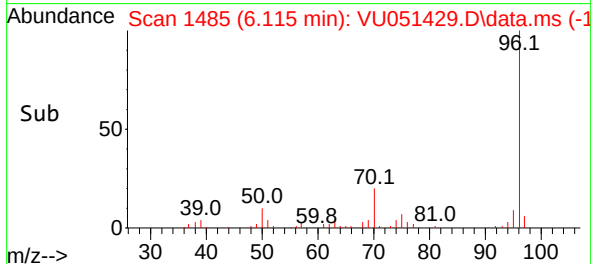
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 5078
Ion Ratio Lower Upper
96 100
70 19.6 16.7 25.1
95 9.5 7.5 11.3
97 6.4 0.0 0.0#

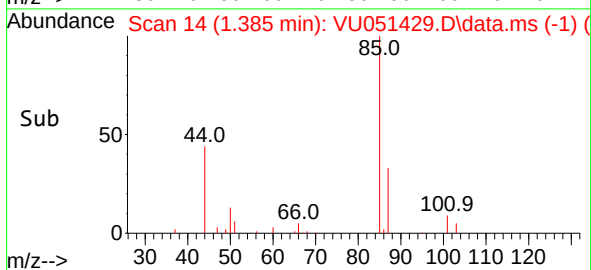
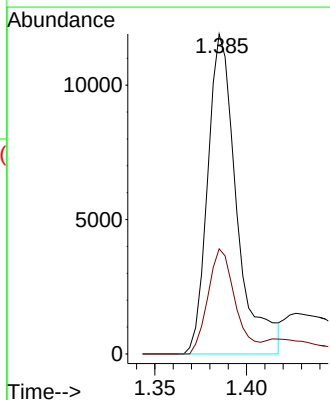
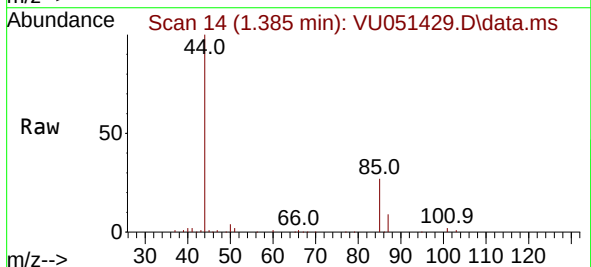
Manual Integrations
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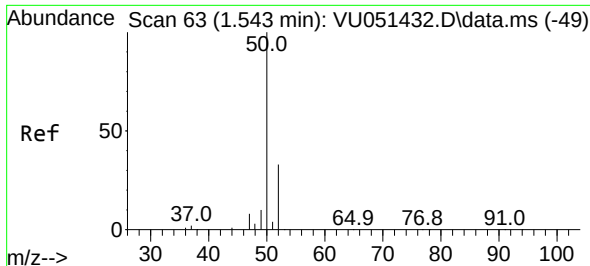
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#2
Dichlorodifluoromethane
Concen: 0.773 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

Tgt Ion: 85 Resp: 13161
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.4





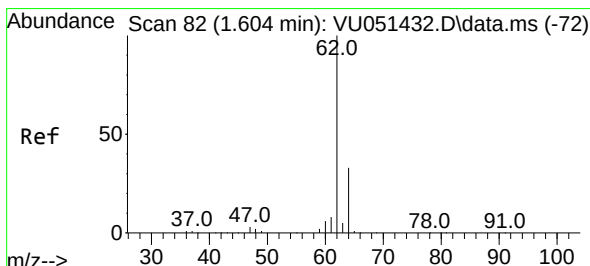
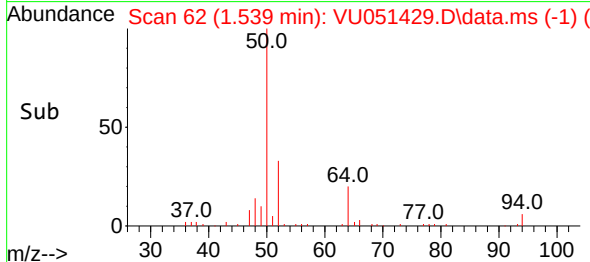
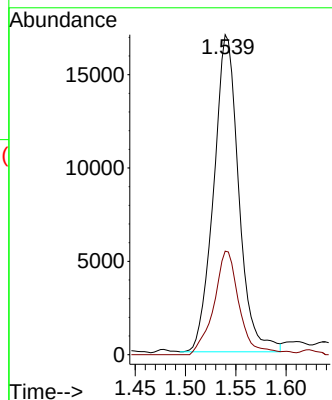
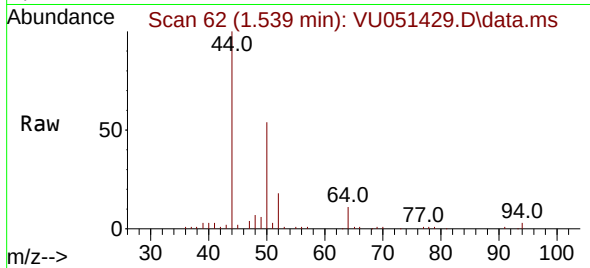
#3
Chloromethane
Concen: 1.275 ug/l
RT: 1.539 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 2946
Ion Ratio Lower Upper
50 100
52 32.6 26.7 40.1

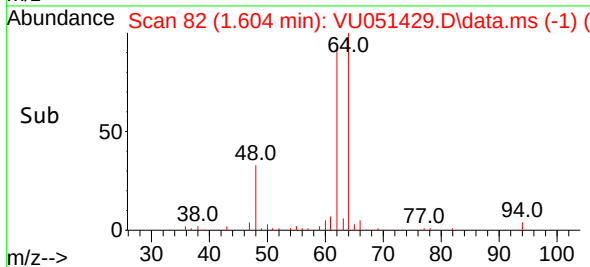
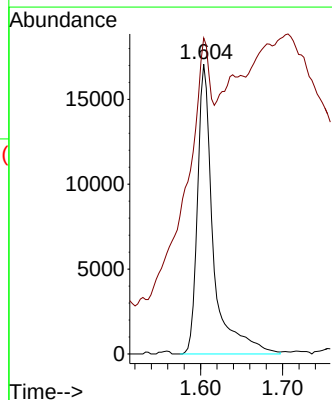
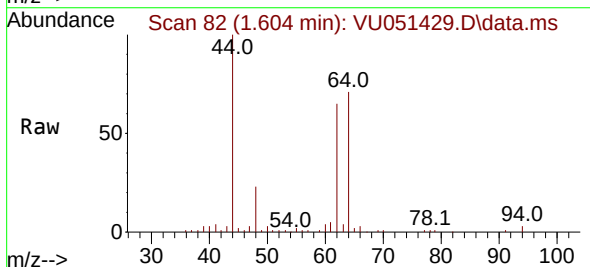
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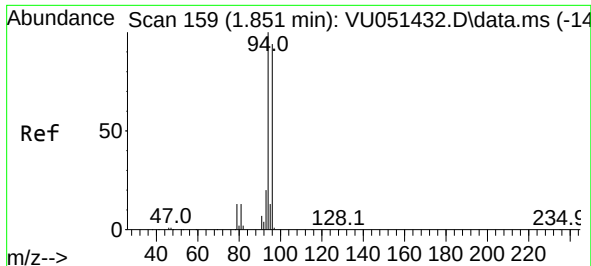
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#4
Vinyl Chloride
Concen: 1.058 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

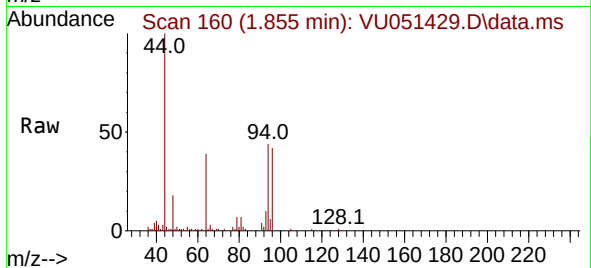
Tgt Ion: 62 Resp: 22938
Ion Ratio Lower Upper
62 100
64 61.5 26.7 40.1#





#5
Bromomethane
Concen: 0.982 ug/l
RT: 1.855 min Scan# 159
Delta R.T. 0.003 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

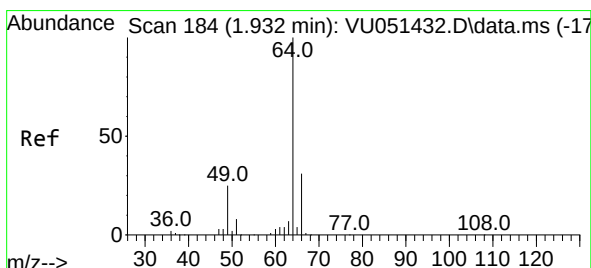
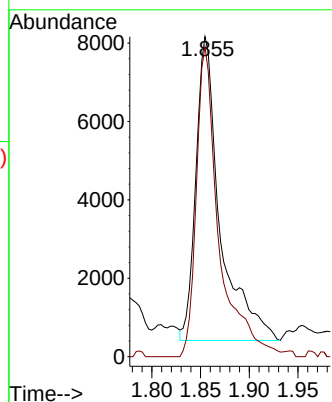
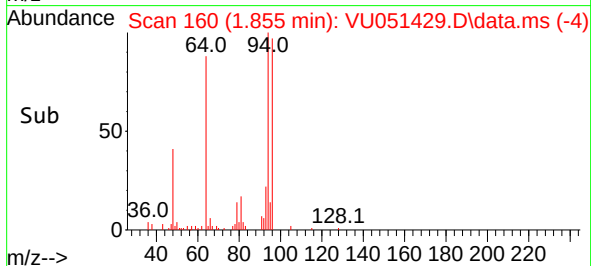
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion: 94 Resp: 1343
Ion Ratio Lower Upper
94 100
96 102.0 74.8 112.2

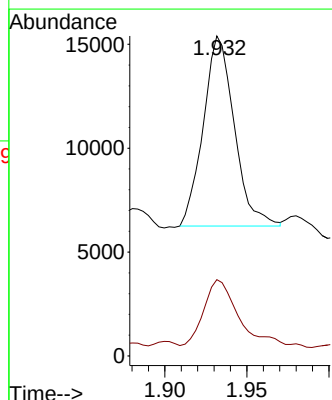
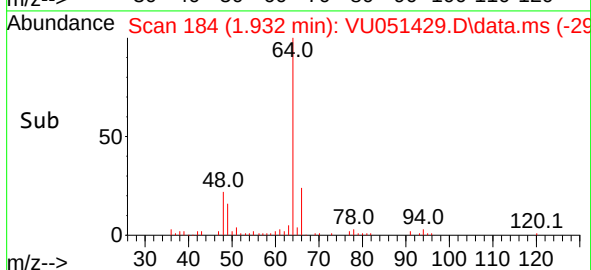
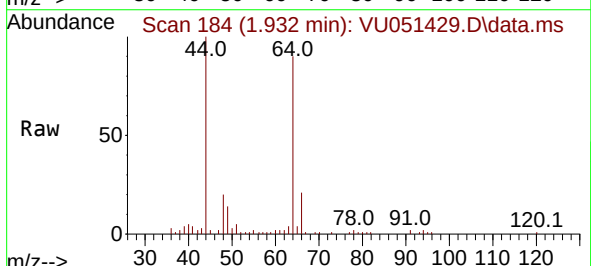
Manual Integrations
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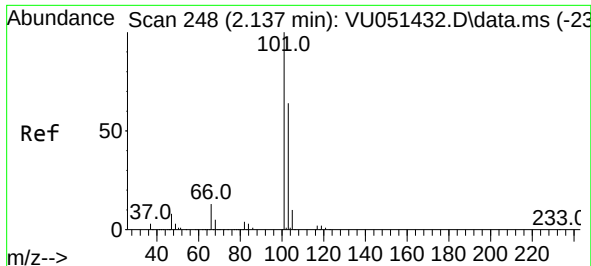
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#6
Chloroethane
Concen: 0.894 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

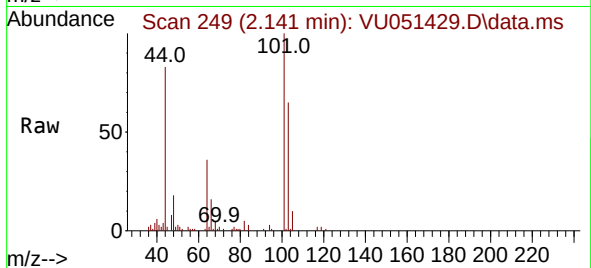
Tgt Ion: 64 Resp: 12022
Ion Ratio Lower Upper
64 100
66 34.7 25.2 37.8





#7
Trichlorofluoromethane
Concen: 0.993 ug/l
RT: 2.141 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

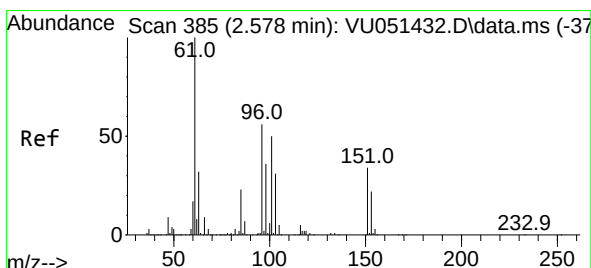
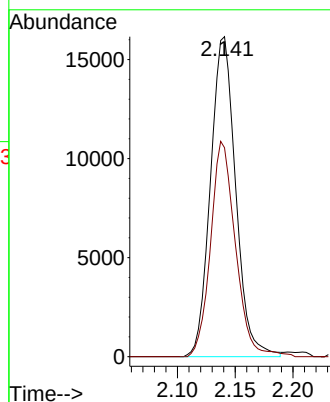
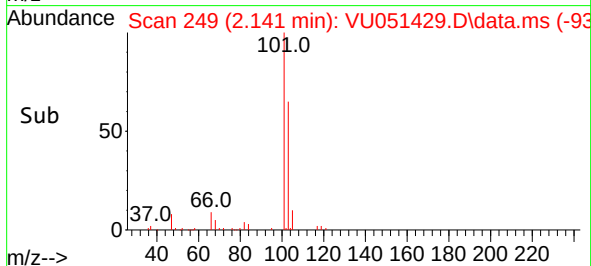
Instrument :
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VSTDIC001



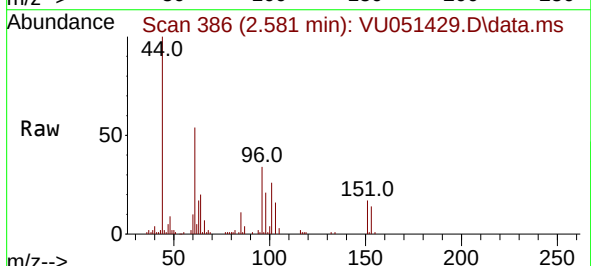
Tgt Ion:101 Resp: 24528
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.2

Manual Integrations
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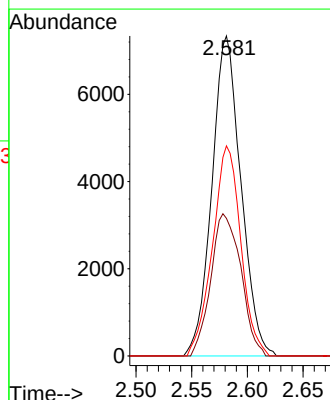
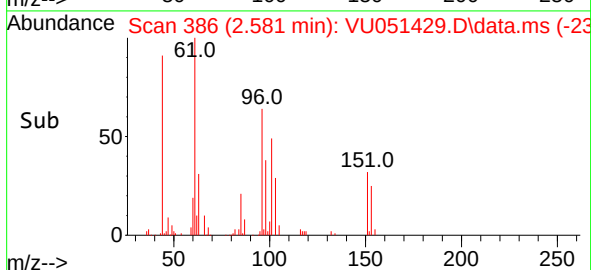
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Supervised By :Mahesh Dadoda 10/21/2022

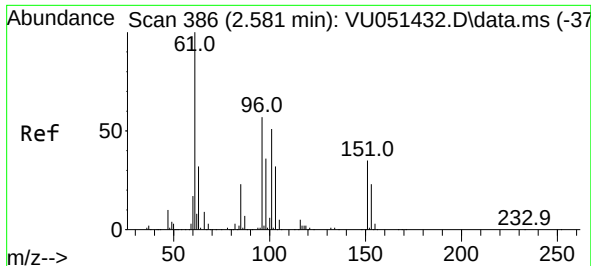


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.946 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07



Tgt Ion:101 Resp: 13295
Ion Ratio Lower Upper
101 100
85 46.1 36.6 54.8
151 63.9 54.6 81.8





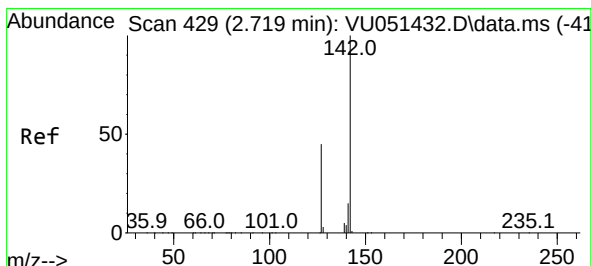
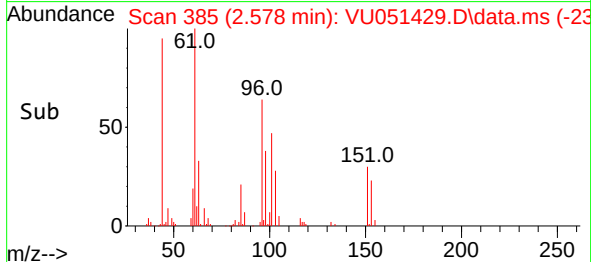
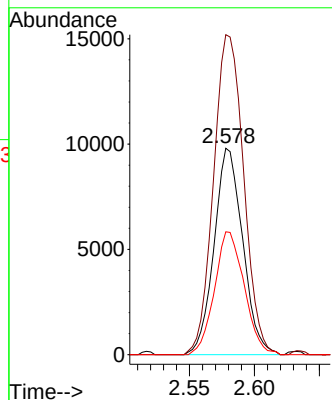
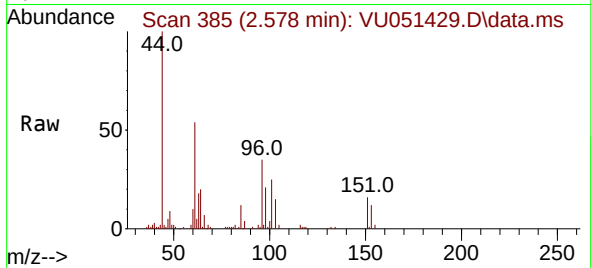
#9
1,1-Dichloroethene
Concen: 1.018 ug/l
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 15018
Ion Ratio Lower Upper
96 100
61 155.1 0.0 522.3
98 59.5 0.0 126.6

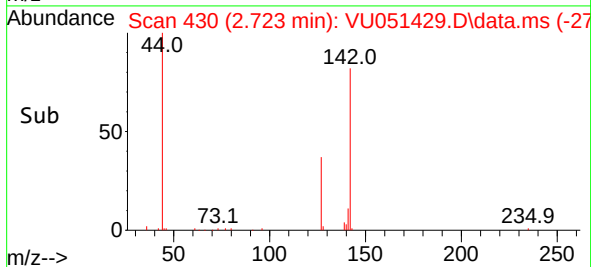
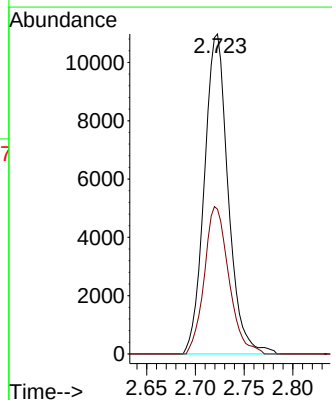
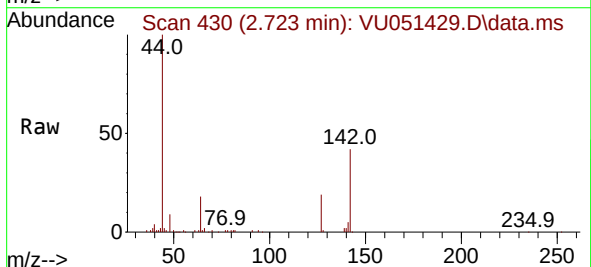
Manual Integrations
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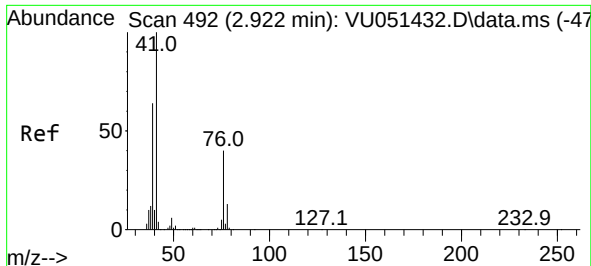
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#10
Iodomethane
Concen: 0.892 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.003 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

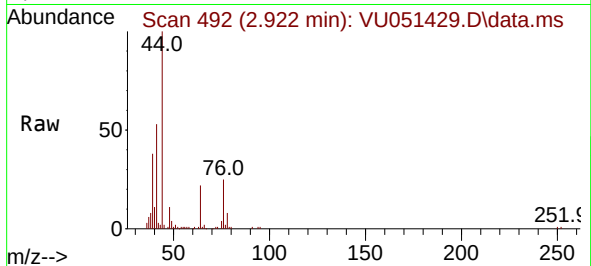
Tgt Ion:142 Resp: 18700
Ion Ratio Lower Upper
142 100
127 47.3 37.0 55.4





#11
 Allyl Chloride
 Concen: 0.981 ug/l
 RT: 2.922 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: VU051429.D
 Acq: 17 Oct 2022 15:07

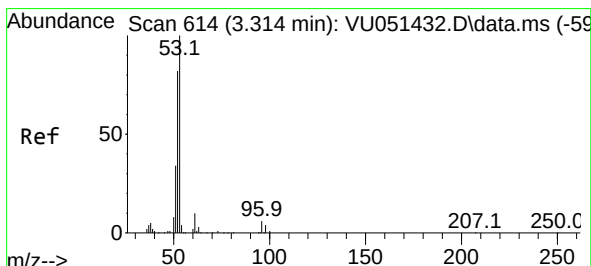
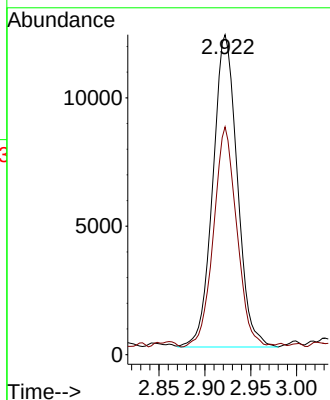
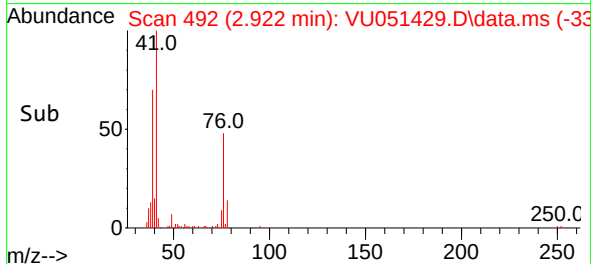
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001



Tgt Ion: 41 Resp: 2252
 Ion Ratio Lower Upper
 41 100
 39 67.1 51.4 77.0

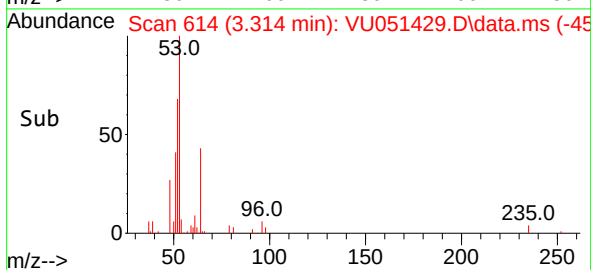
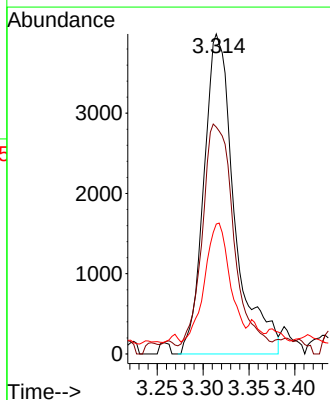
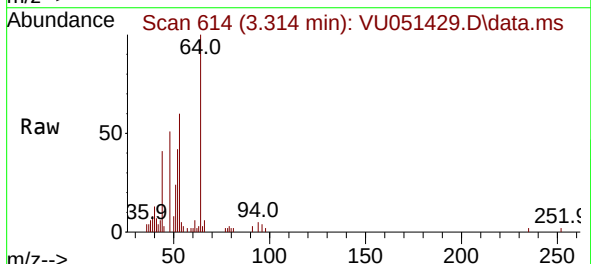
Manual Integrations
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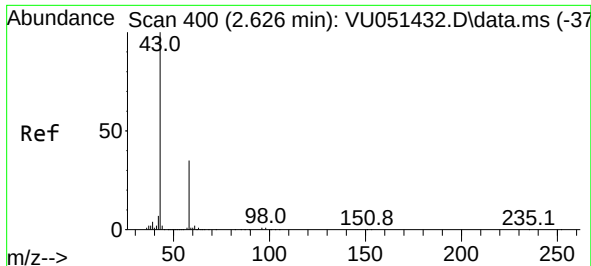
Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/21/2022



#12
 Acrylonitrile
 Concen: 2.004 ug/l
 RT: 3.314 min Scan# 614
 Delta R.T. -0.000 min
 Lab File: VU051429.D
 Acq: 17 Oct 2022 15:07

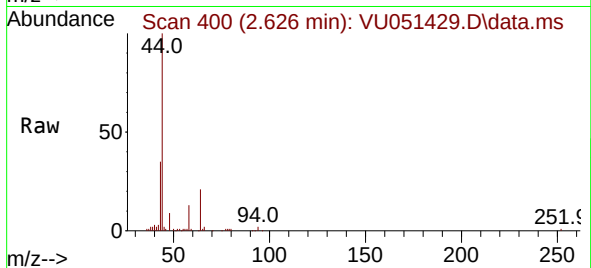
Tgt Ion: 53 Resp: 9300
 Ion Ratio Lower Upper
 53 100
 52 69.1 63.9 95.9
 51 30.5 25.9 38.9





#13
Acetone
Concen: 4.969 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

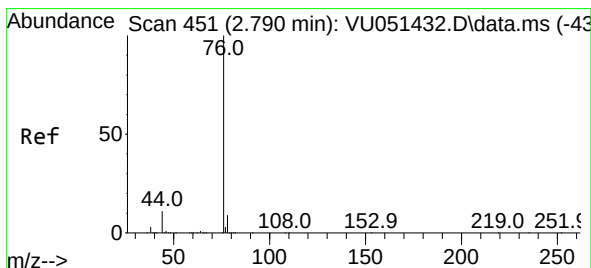
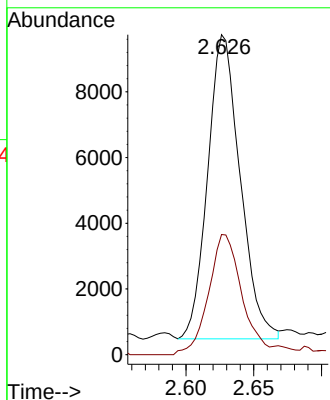
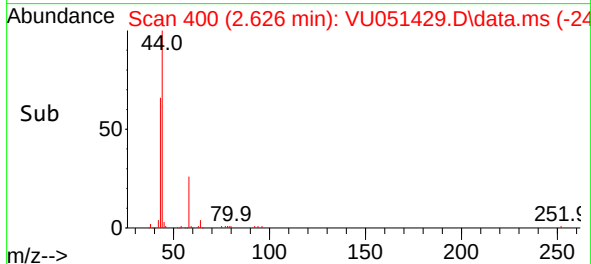
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 1541
Ion Ratio Lower Upper
43 100
58 38.2 27.9 41.9

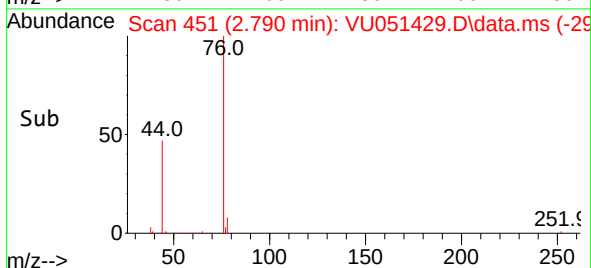
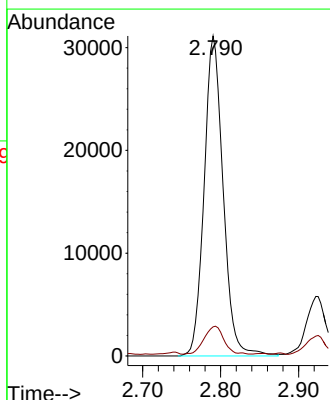
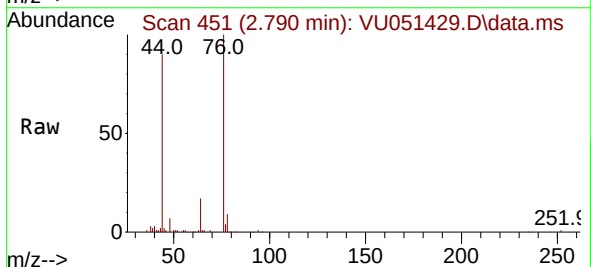
Manual Integrations
APPROVED

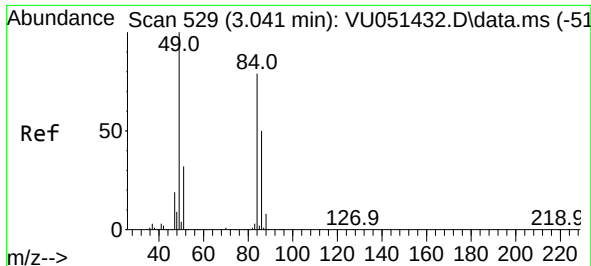
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#14
Carbon Disulfide
Concen: 0.947 ug/l
RT: 2.790 min Scan# 451
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

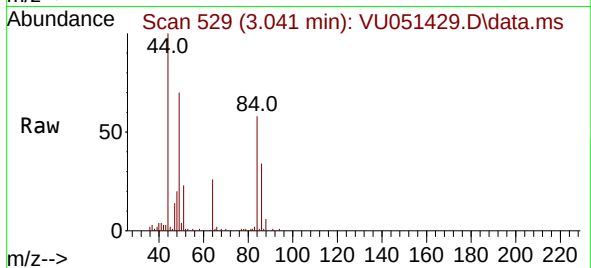
Tgt Ion: 76 Resp: 52786
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8





#15
Methylene Chloride
Concen: 0.950 ug/l
RT: 3.041 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

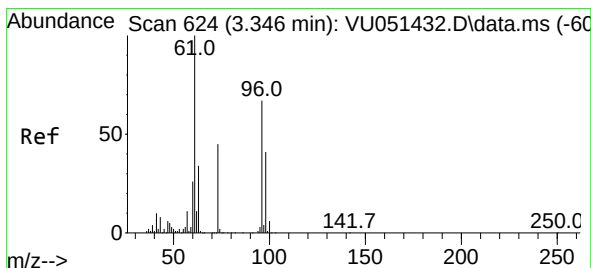
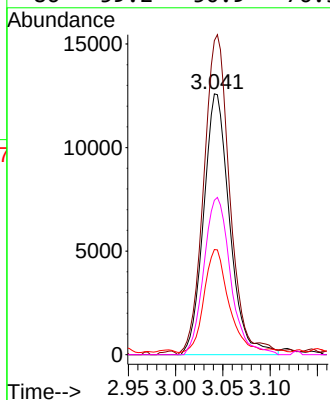
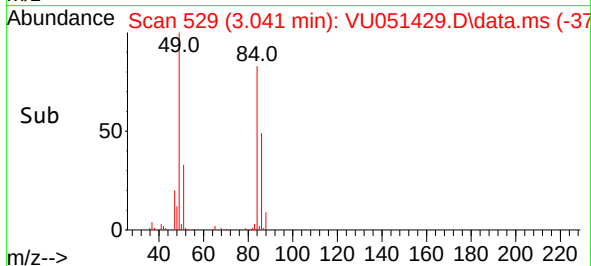


Tgt Ion: 84 Resp: 2413

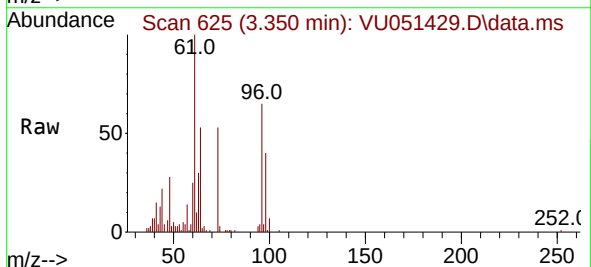
Ion	Ratio	Lower	Upper
84	100		
49	120.4	101.1	151.7
51	39.4	0.0	80.2
86	59.2	50.9	76.3

Manual Integrations
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Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

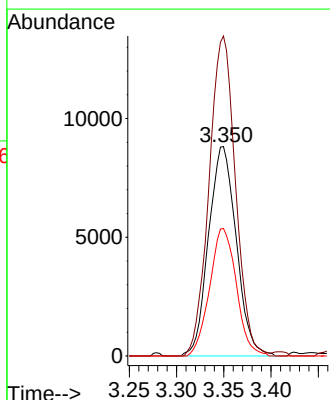
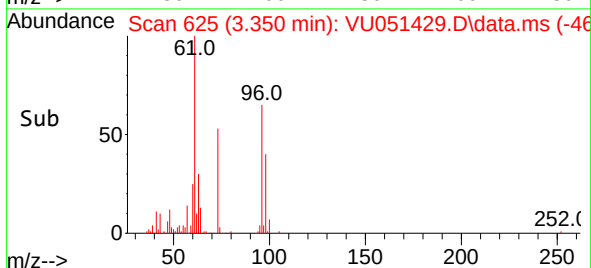


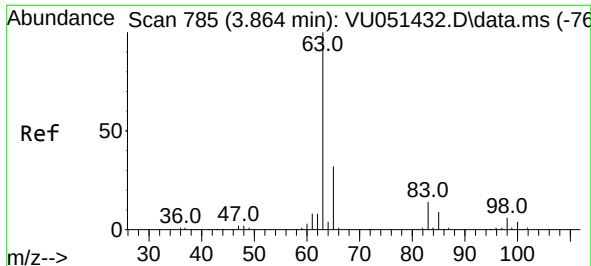
#16
trans-1,2-Dichloroethene
Concen: 1.075 ug/l
RT: 3.350 min Scan# 625
Delta R.T. 0.003 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07



Tgt Ion: 96 Resp: 17983

Ion	Ratio	Lower	Upper
96	100		
61	152.8	119.9	179.9
98	60.9	49.5	74.3





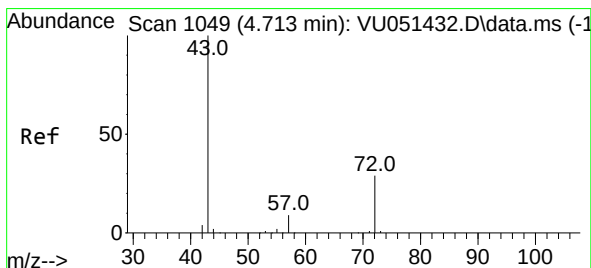
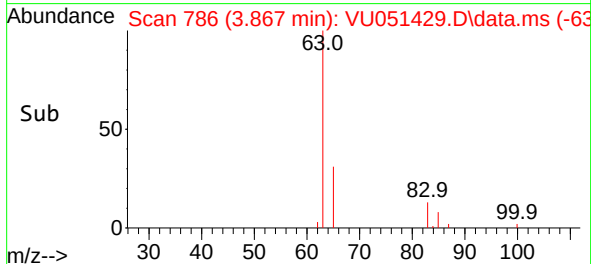
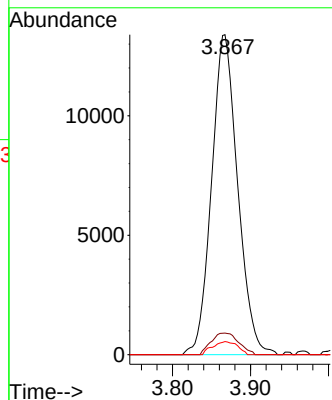
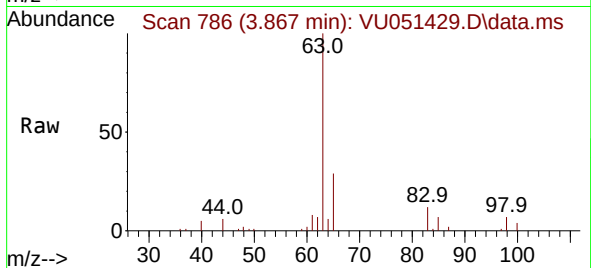
#17
1,1-Dichloroethane
Concen: 1.064 ug/l
RT: 3.867 min Scan# 785
Delta R.T. 0.003 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 3117
Ion Ratio Lower Upper
63 100
98 6.7 3.1 9.3
100 4.1 2.1 6.3

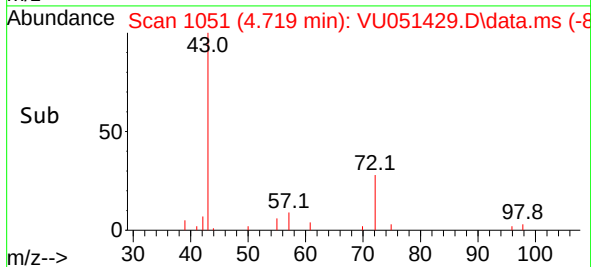
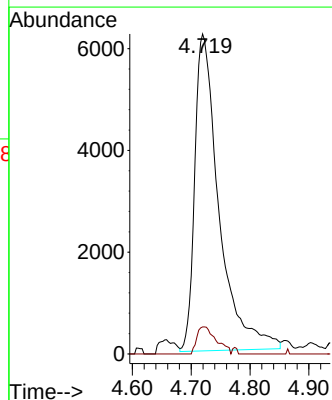
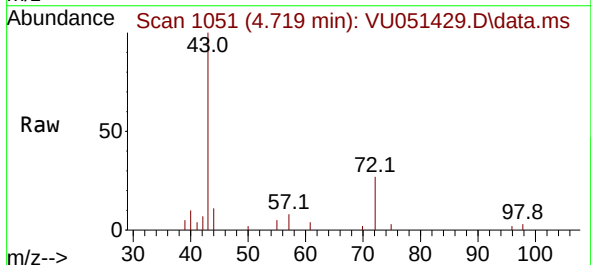
Manual Integrations
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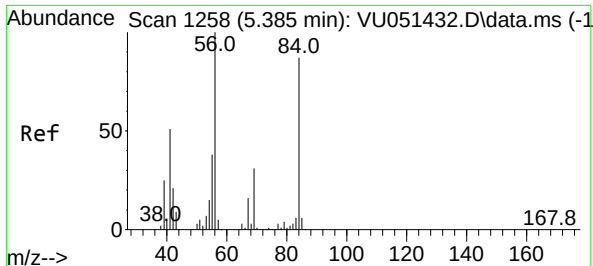
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#18
2-Butanone
Concen: 4.400 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

Tgt Ion: 43 Resp: 17826
Ion Ratio Lower Upper
43 100
57 8.6 0.0 18.2





#19

Cyclohexane

Concen: 0.804 ug/l m

RT: 5.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051429.D

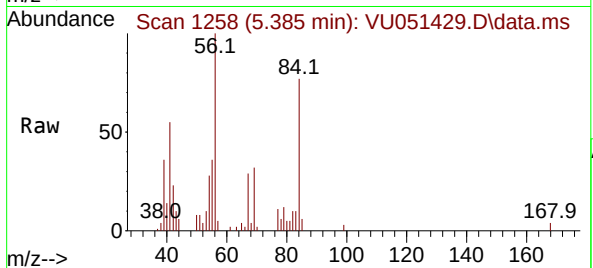
Acq: 17 Oct 2022 15:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001



Tgt Ion: 56 Resp: 1568

Ion Ratio Lower Upper

56 100

69 32.9 25.0 37.4

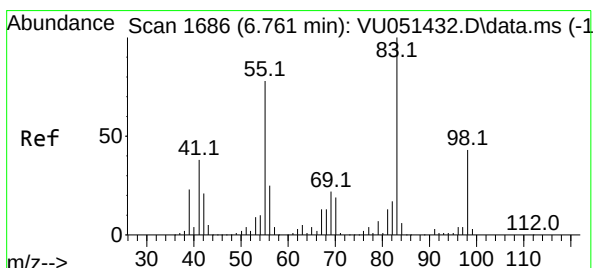
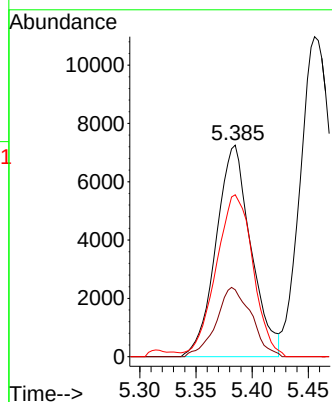
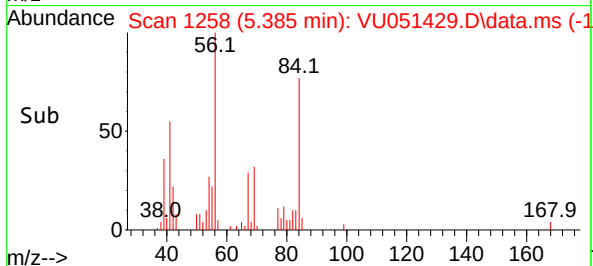
84 78.9 68.5 102.7

Manual Integrations

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Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#20

Methylcyclohexane

Concen: 0.753 ug/l

RT: 6.758 min Scan# 1685

Delta R.T. -0.003 min

Lab File: VU051429.D

Acq: 17 Oct 2022 15:07

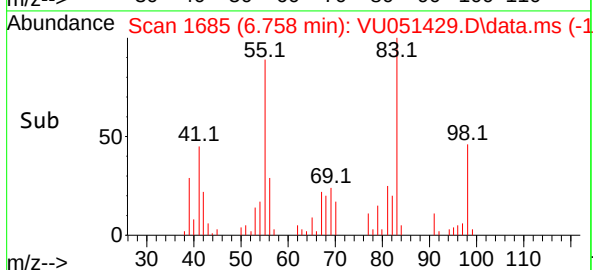
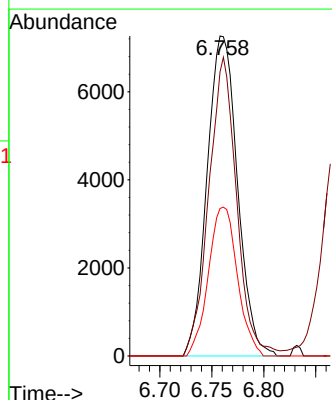
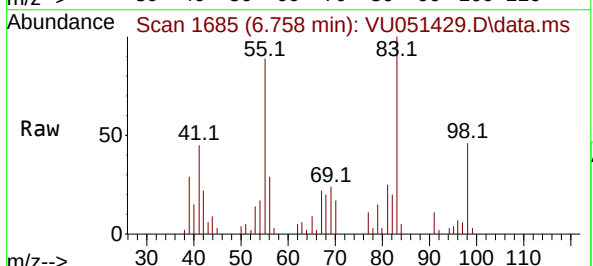
Tgt Ion: 83 Resp: 14800

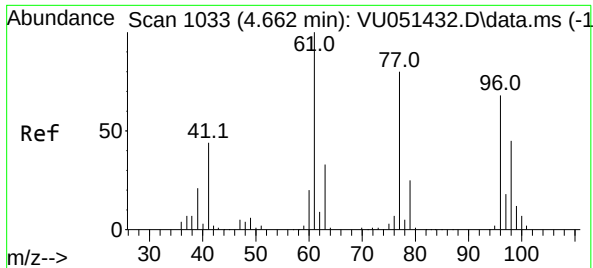
Ion Ratio Lower Upper

83 100

55 83.1 62.4 93.6

98 44.3 35.5 53.3





#21
2,2-Dichloropropane
Concen: 1.014 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

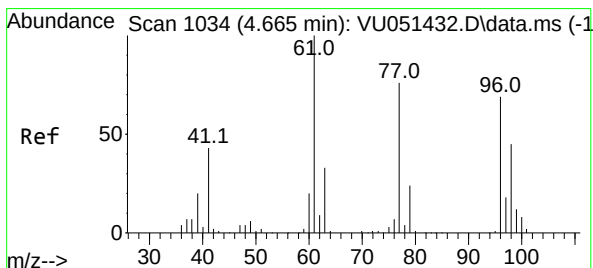
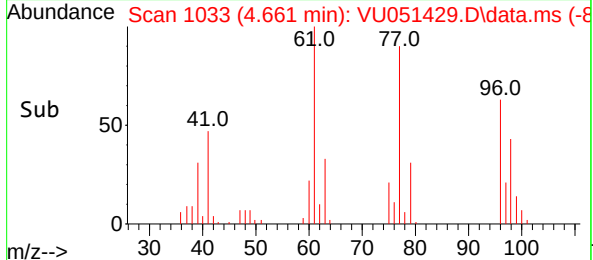
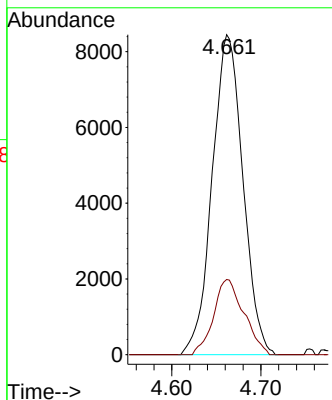
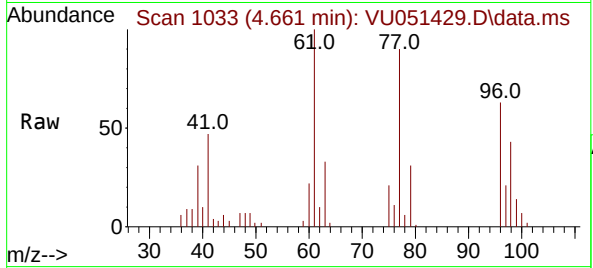
Tgt Ion: 77 Resp: 2024
Ion Ratio Lower Upper
77 100
97 23.2 19.0 28.6

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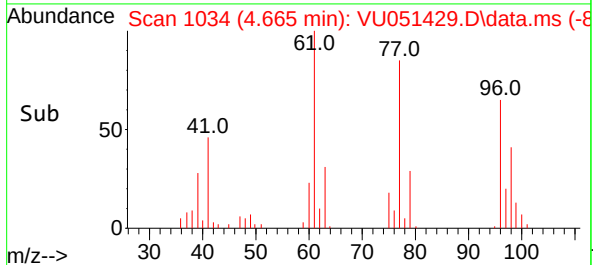
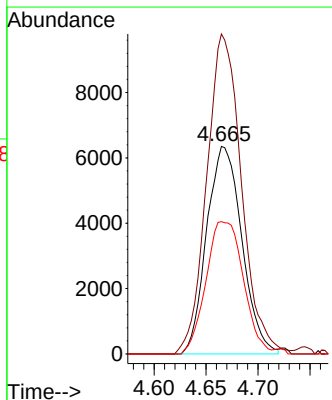
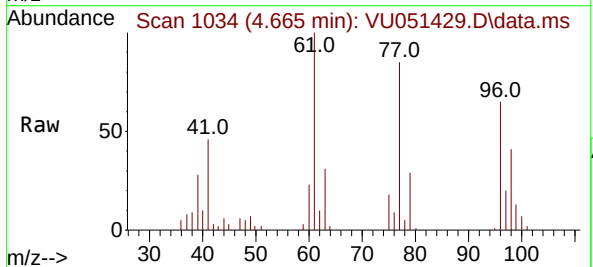
Reviewed By :Krupa Patel 10/18/2022

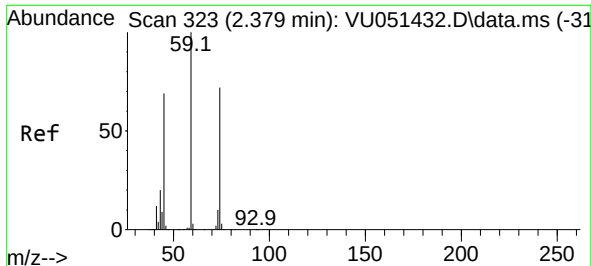
Supervised By :Mahesh Dadoda 10/21/2022



#22
cis-1,2-Dichloroethene
Concen: 0.931 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

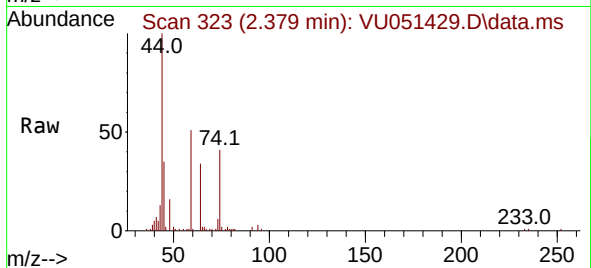
Tgt Ion: 96 Resp: 14962
Ion Ratio Lower Upper
96 100
61 152.0 0.0 362.8
98 67.4 32.5 97.5





#23
Diethyl Ether
Concen: 0.982 ug/l
RT: 2.379 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

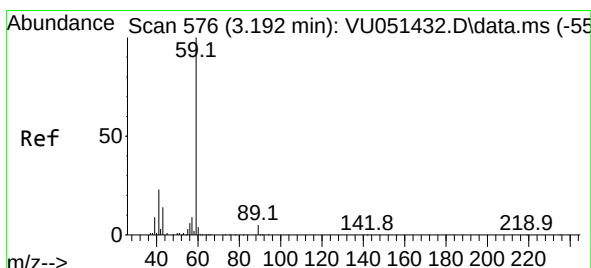
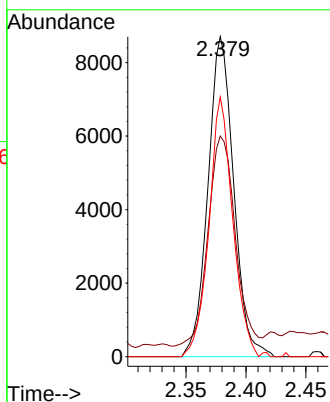
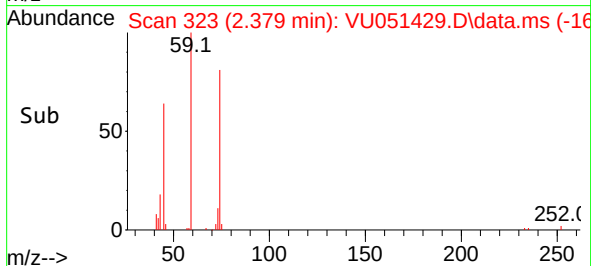
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 59 Resp: 1296
Ion Ratio Lower Upper
59 100
45 69.3 55.7 83.5
74 74.9 58.2 87.4

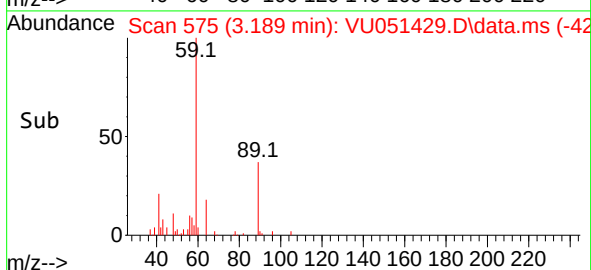
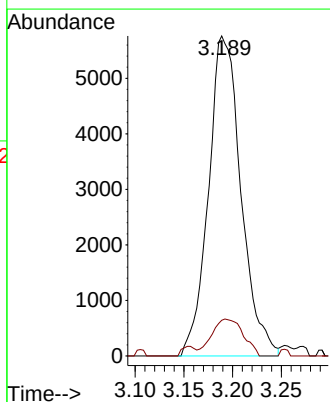
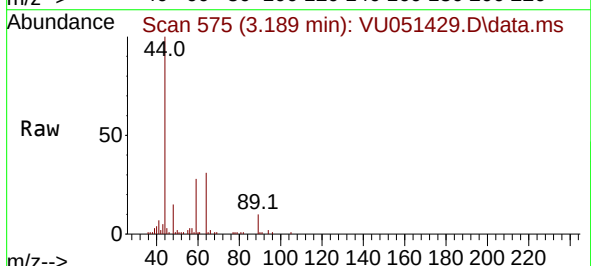
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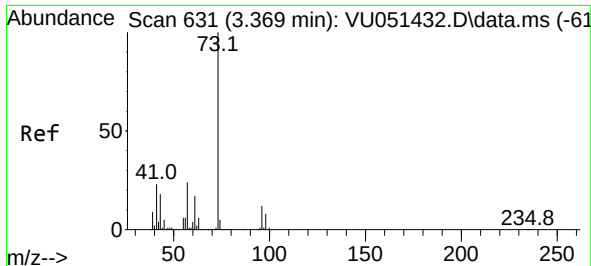
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#24
tert-Butyl Alcohol
Concen: 17.527 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.003 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

Tgt Ion: 59 Resp: 13372
Ion Ratio Lower Upper
59 100
57 11.2 7.8 11.8





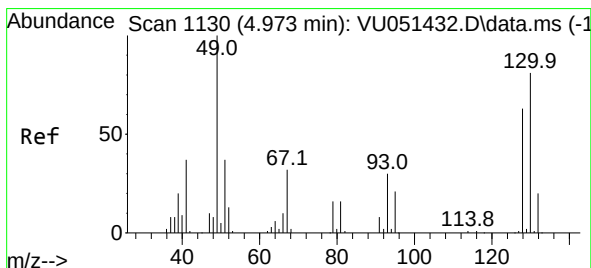
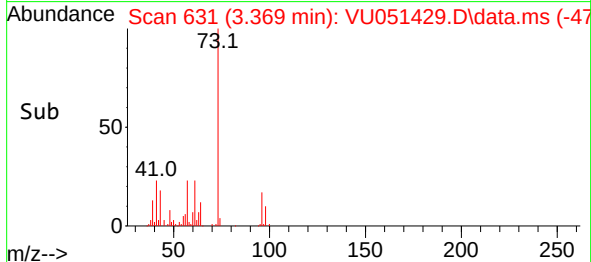
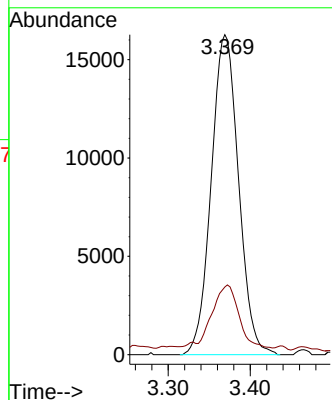
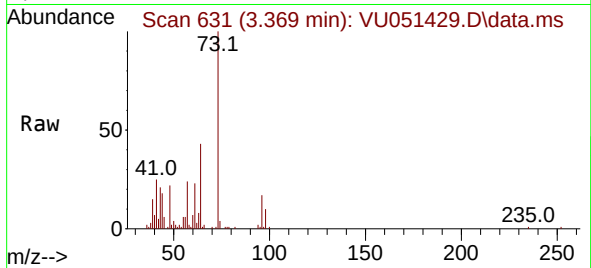
#25
Methyl tert-Butyl Ether
Concen: 0.954 ug/l
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 73 Resp: 3764
Ion Ratio Lower Upper
73 100
43 19.1 14.2 21.4

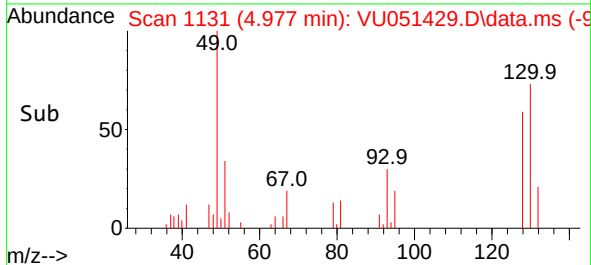
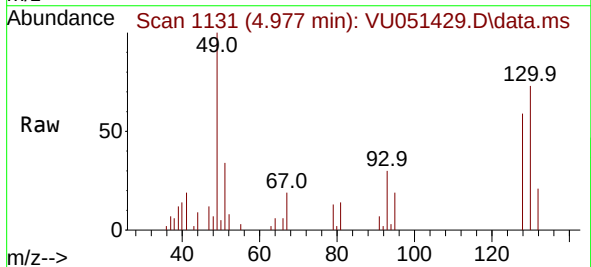
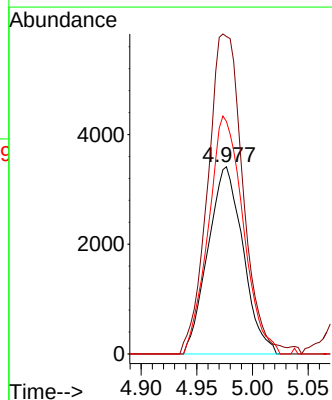
Manual Integrations
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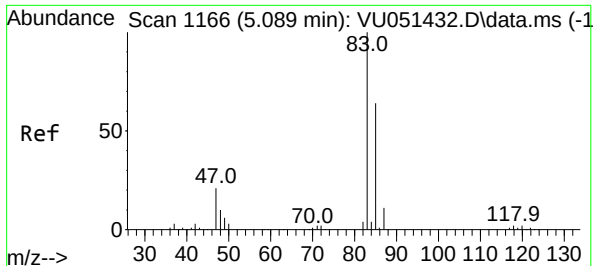
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#26
Bromochloromethane
Concen: 0.966 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

Tgt Ion:128 Resp: 7474
Ion Ratio Lower Upper
128 100
49 171.3 0.0 320.4
130 126.0 105.0 157.6





#27

Chloroform

Concen: 1.056 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU051429.D

Acq: 17 Oct 2022 15:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 83 Resp: 3144

Ion Ratio Lower Upper

83 100

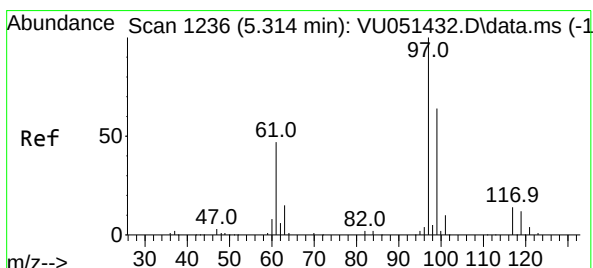
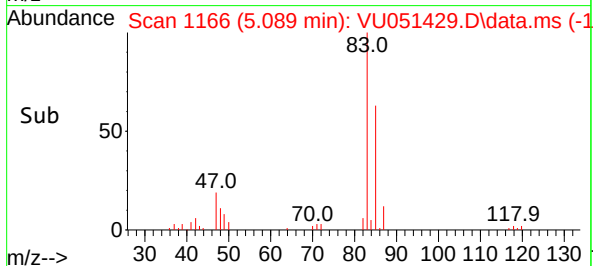
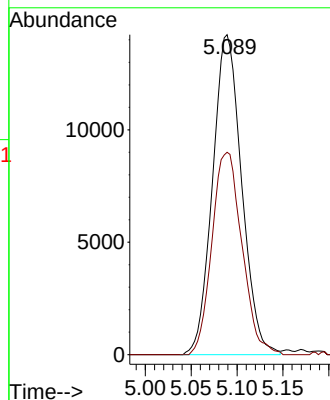
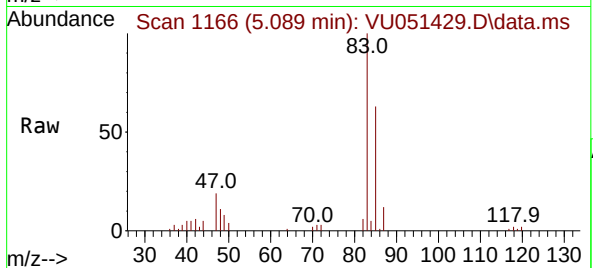
85 63.2 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#28

1,1,1-Trichloroethane

Concen: 1.033 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU051429.D

Acq: 17 Oct 2022 15:07

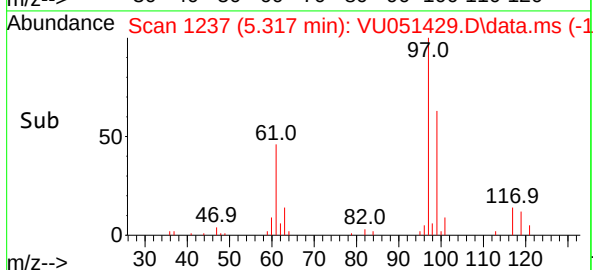
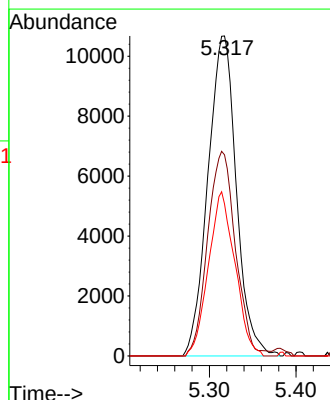
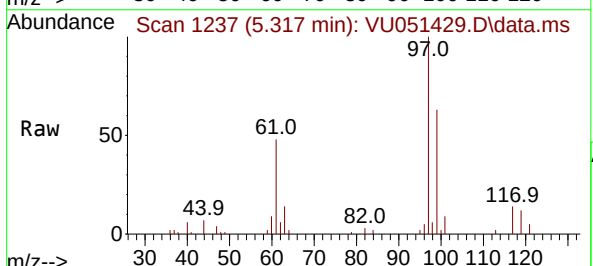
Tgt Ion: 97 Resp: 24378

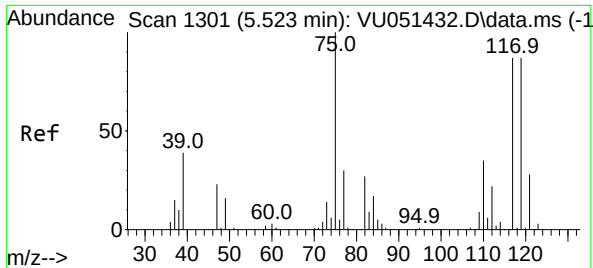
Ion Ratio Lower Upper

97 100

99 62.9 31.8 95.4

61 47.8 23.6 71.0





#29

1,1-Dichloropropene

Concen: 0.844 ug/l

RT: 5.526 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU051429.D

Acq: 17 Oct 2022 15:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

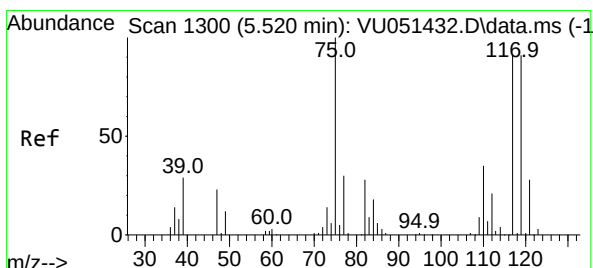
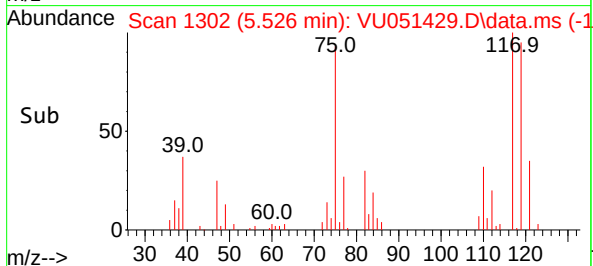
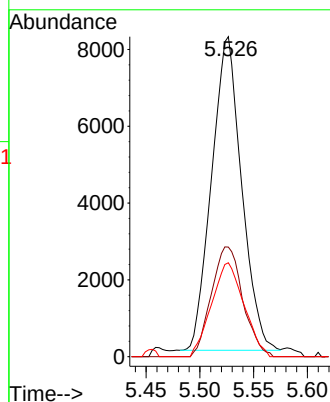
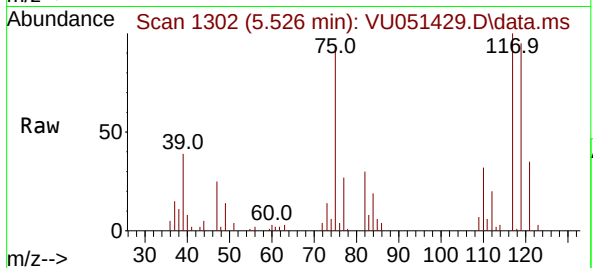
Tgt Ion: 75	Resp: 15834
Ion Ratio	Lower Upper
75	100
110	36.6 17.8 53.3
77	32.3 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#30

Carbon Tetrachloride

Concen: 1.010 ug/l

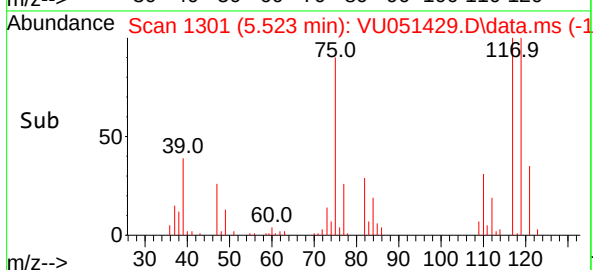
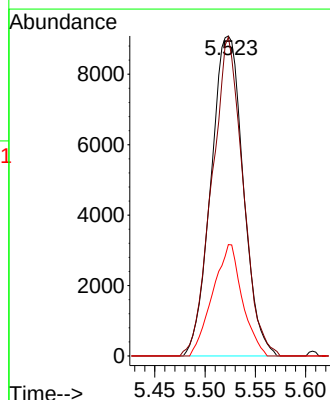
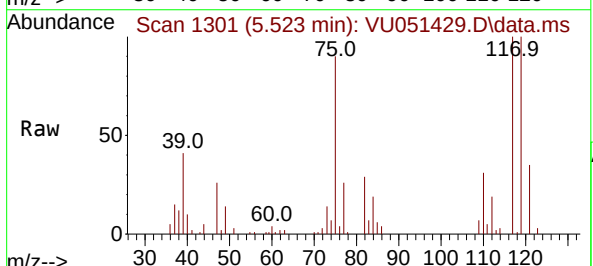
RT: 5.523 min Scan# 1301

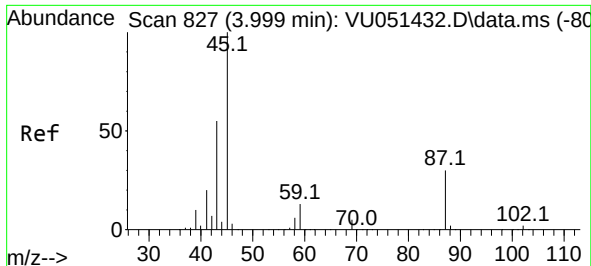
Delta R.T. 0.003 min

Lab File: VU051429.D

Acq: 17 Oct 2022 15:07

Tgt Ion:117	Resp: 20251
Ion Ratio	Lower Upper
117	100
119	99.6 80.0 120.0
121	34.8 24.9 37.3





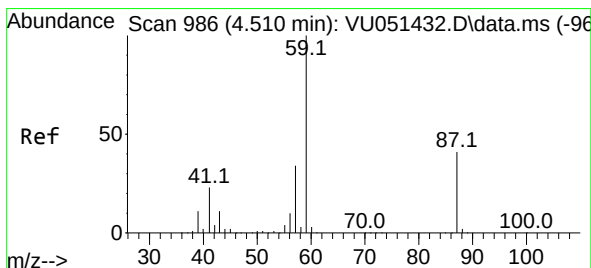
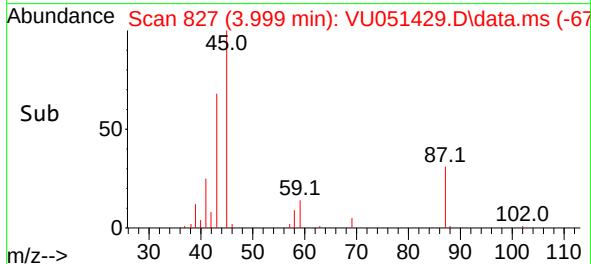
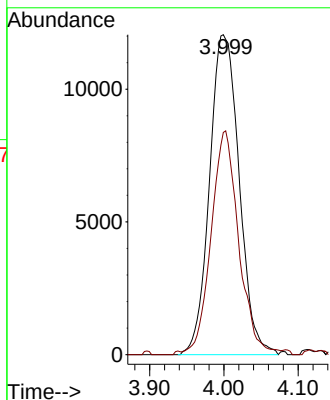
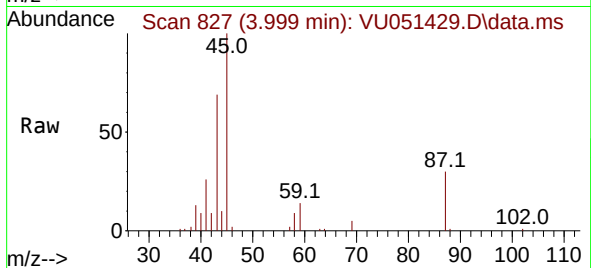
#31
Isopropyl Ether
Concen: 0.882 ug/l
RT: 3.999 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 45 Resp: 3342
Ion Ratio Lower Upper
45 100
43 62.7 27.6 82.7

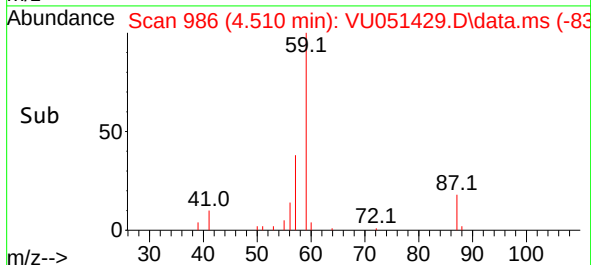
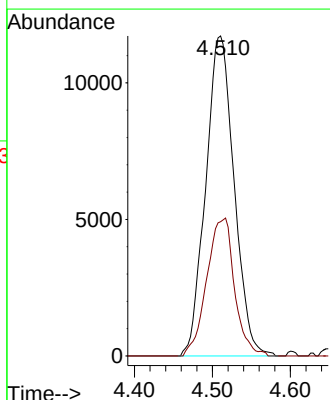
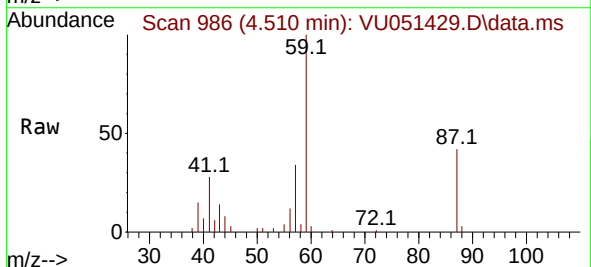
Manual Integrations
APPROVED

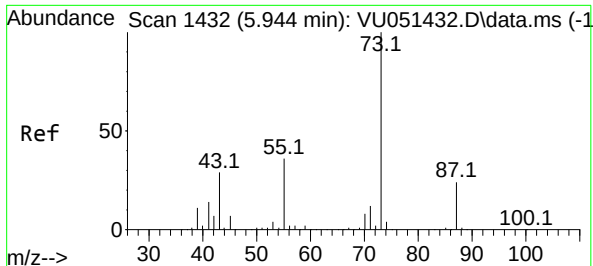
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#32
Ethyl-t-butyl ether
Concen: 0.882 ug/l
RT: 4.510 min Scan# 986
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

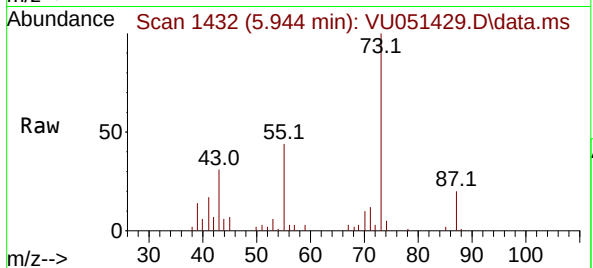
Tgt Ion: 59 Resp: 29682
Ion Ratio Lower Upper
59 100
87 42.0 33.8 50.8





#33
Tert-Amyl methyl ether
Concen: 0.818 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

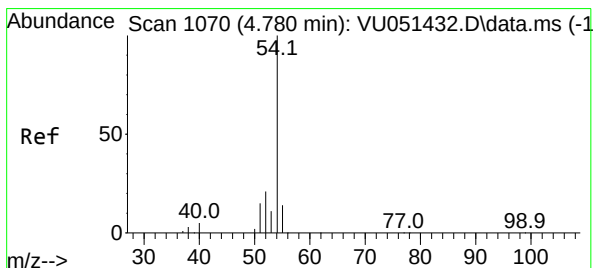
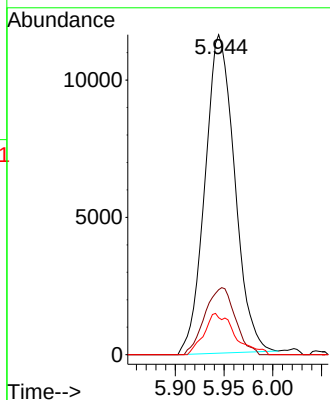
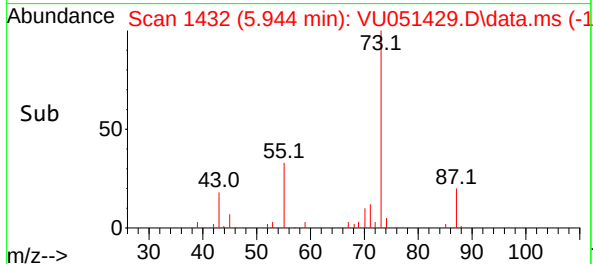
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



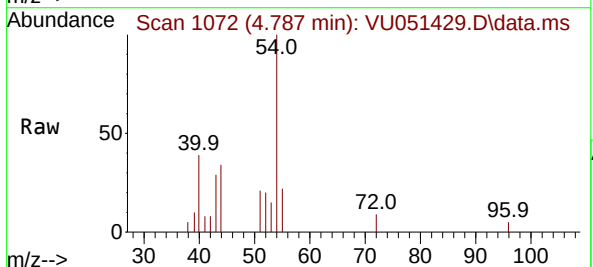
Tgt Ion: 73 Resp: 24592
Ion Ratio Lower Upper
73 100
87 21.6 18.9 28.3
71 13.4 9.4 14.2

Manual Integrations
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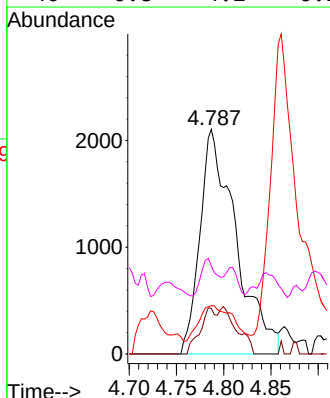
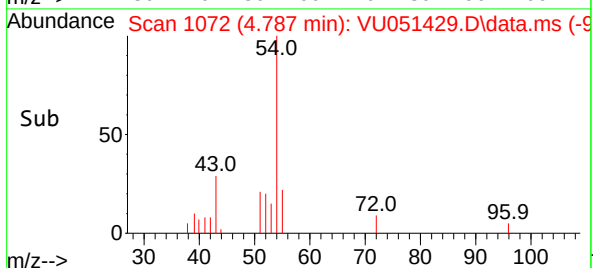
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

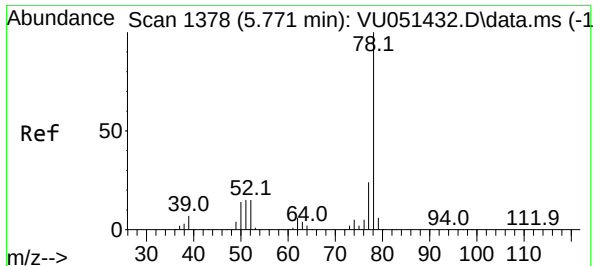


#34
Propionitrile
Concen: 4.387 ug/l
RT: 4.787 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07



Tgt Ion: 54 Resp: 5572
Ion Ratio Lower Upper
54 100
52 9.6 16.4 24.6#
55 21.0 11.5 17.3#
40 6.8 4.2 6.2#





#35

Benzene

Concen: 0.950 ug/l

RT: 5.774 min Scan# 1378

Delta R.T. 0.003 min

Lab File: VU051429.D

Acq: 17 Oct 2022 15:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 78 Resp: 59198

Ion Ratio Lower Upper

78 100

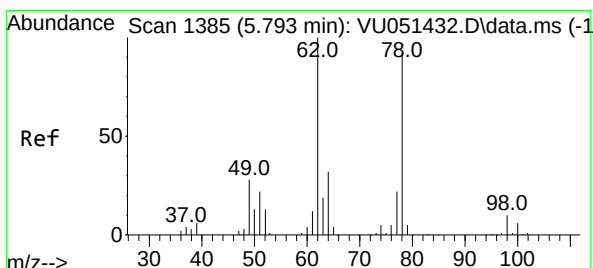
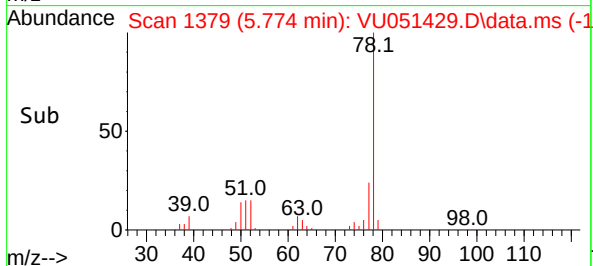
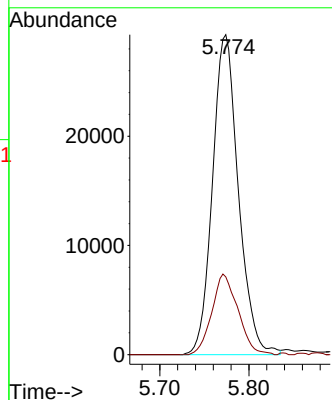
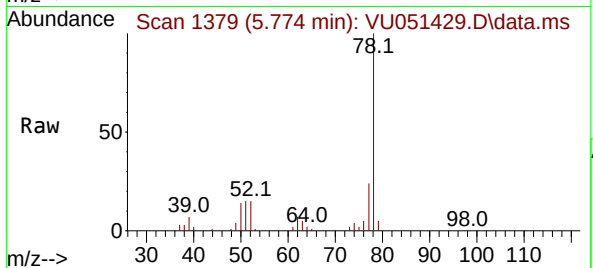
77 24.3 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#36

1,2-Dichloroethane

Concen: 1.044 ug/l

RT: 5.796 min Scan# 1386

Delta R.T. 0.003 min

Lab File: VU051429.D

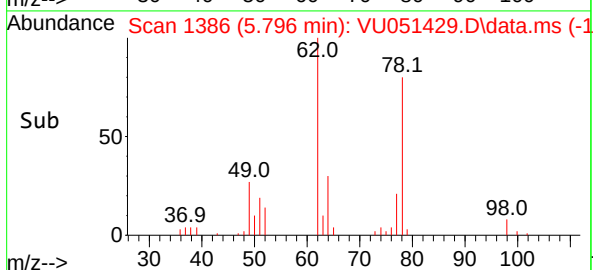
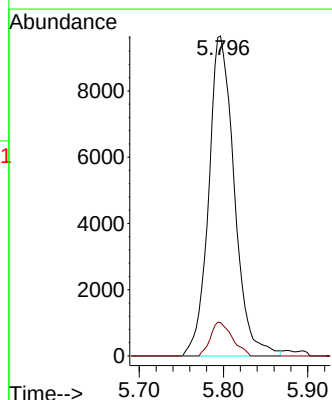
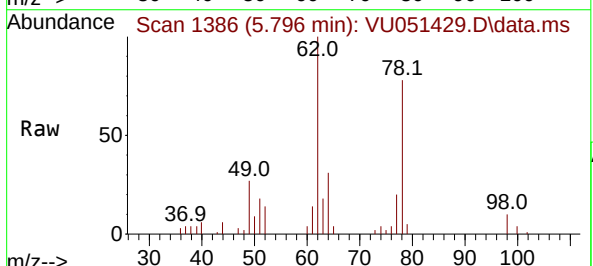
Acq: 17 Oct 2022 15:07

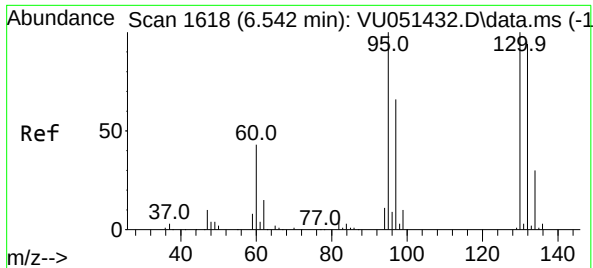
Tgt Ion: 62 Resp: 20406

Ion Ratio Lower Upper

62 100

98 9.0 7.4 11.2





#37

Trichloroethene

Concen: 0.946 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU051429.D

Acq: 17 Oct 2022 15:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion:130 Resp: 1428

Ion Ratio Lower Upper

130 100

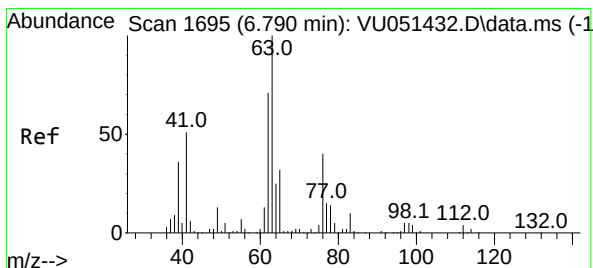
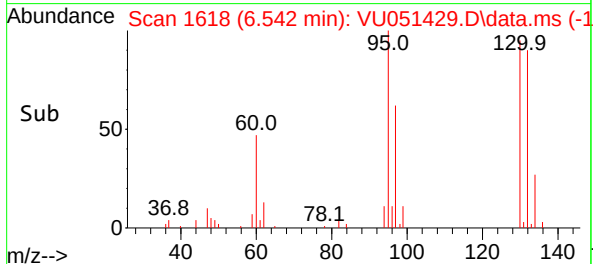
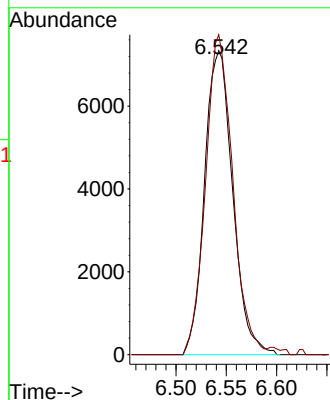
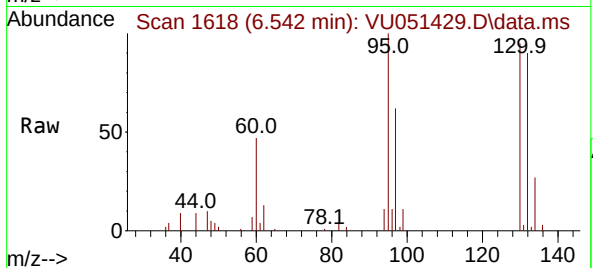
95 105.2 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#38

1,2-Dichloropropane

Concen: 0.952 ug/l

RT: 6.790 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VU051429.D

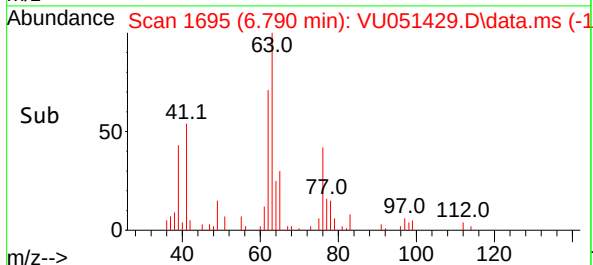
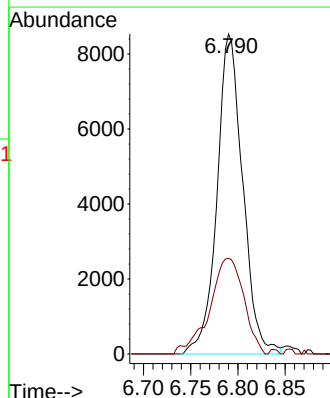
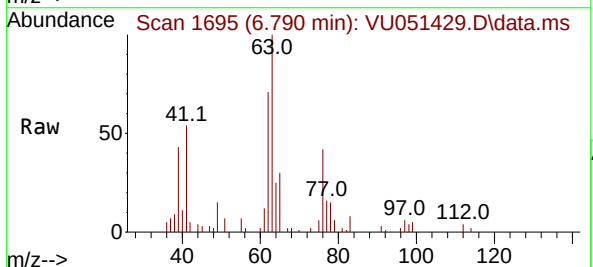
Acq: 17 Oct 2022 15:07

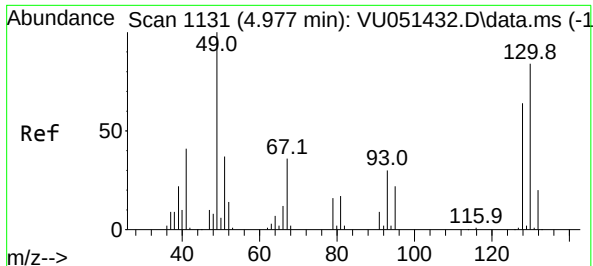
Tgt Ion: 63 Resp: 16158

Ion Ratio Lower Upper

63 100

65 29.9 25.4 38.2





#39

Methacrylonitrile

Concen: 0.811 ug/l

RT: 4.983 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VU051429.D

Acq: 17 Oct 2022 15:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 41 Resp: 3640

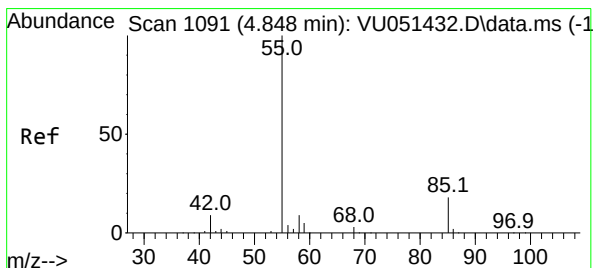
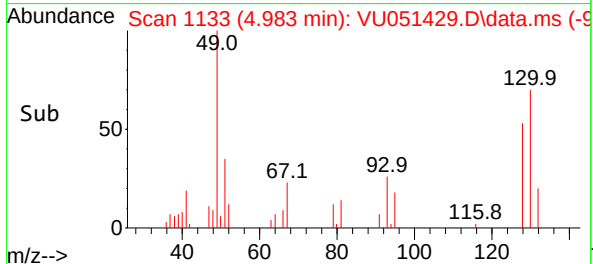
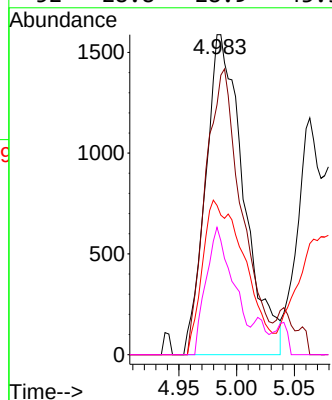
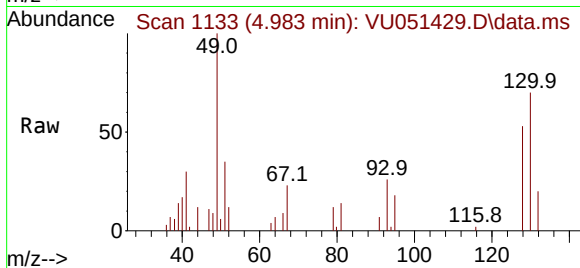
Ion	Ratio	Lower	Upper
41	100		
67	85.2	69.6	104.4
39	53.8	42.2	63.4
52	28.8	28.9	43.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#40

Methyl acrylate

Concen: 0.807 ug/l

RT: 4.861 min Scan# 1095

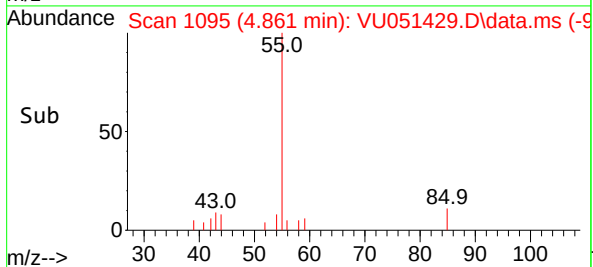
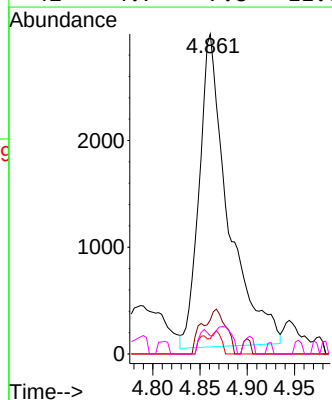
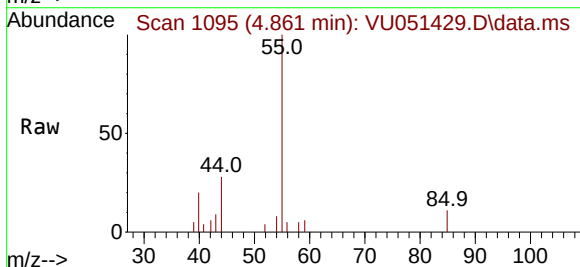
Delta R.T. 0.013 min

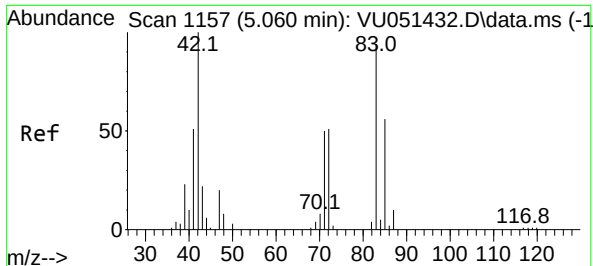
Lab File: VU051429.D

Acq: 17 Oct 2022 15:07

Tgt Ion: 55 Resp: 6227

Ion	Ratio	Lower	Upper
55	100		
85	11.5	15.0	22.6
58	2.2	7.5	11.3
42	4.7	7.8	11.6





#41

Tetrahydrofuran

Concen: 1.655 ug/l

RT: 5.073 min Scan# 1157

Delta R.T. 0.013 min

Lab File: VU051429.D

Acq: 17 Oct 2022 15:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

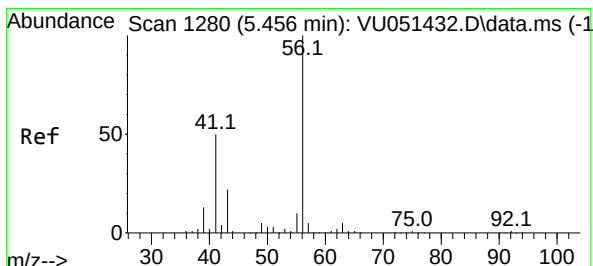
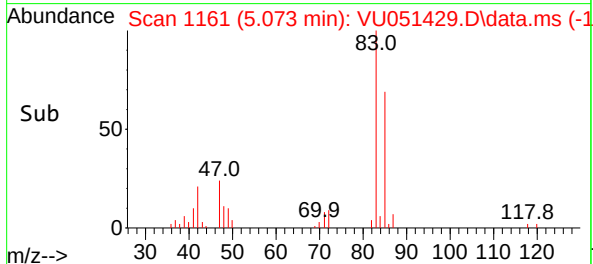
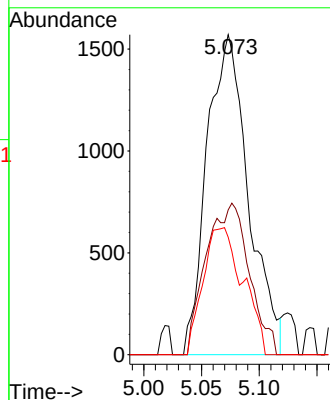
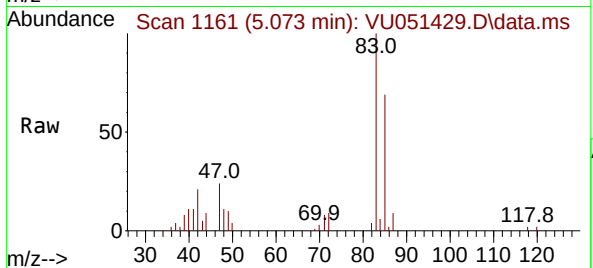
Tgt Ion:	42	Resp:	3920
Ion Ratio	Lower	Upper	
42	100		
72	49.5	42.6	64.0
71	38.3	38.3	57.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#42

1-Chlorobutane

Concen: 0.853 ug/l

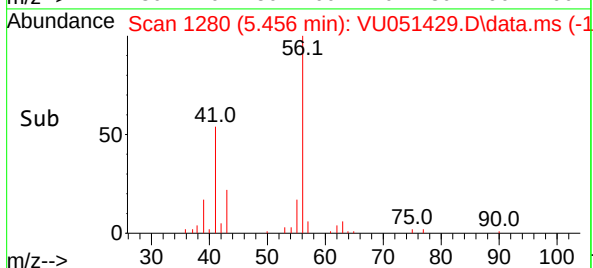
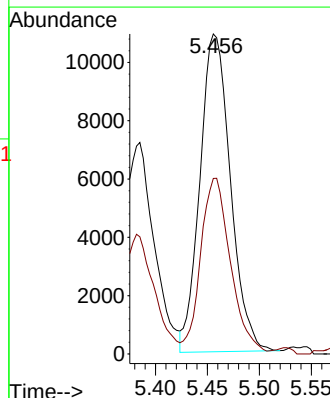
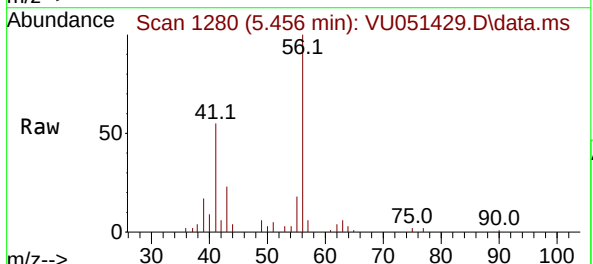
RT: 5.456 min Scan# 1280

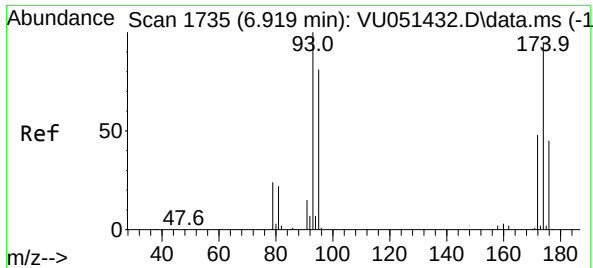
Delta R.T. -0.000 min

Lab File: VU051429.D

Acq: 17 Oct 2022 15:07

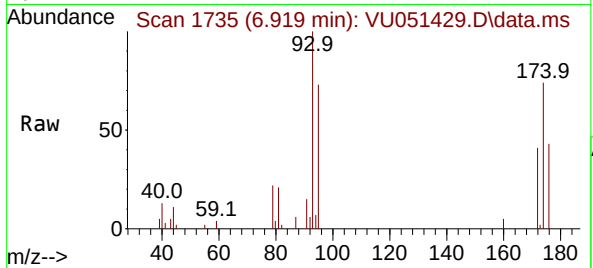
Tgt Ion:	56	Resp:	22252
Ion Ratio	Lower	Upper	
56	100		
41	52.6	24.8	74.4





#43
Dibromomethane
Concen: 1.008 ug/l
RT: 6.919 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

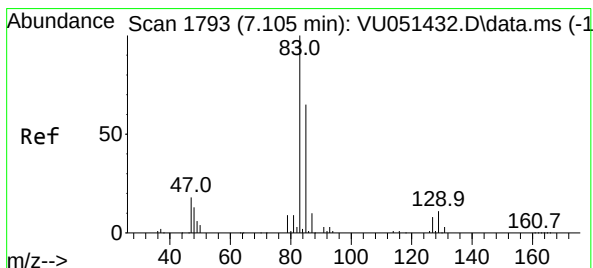
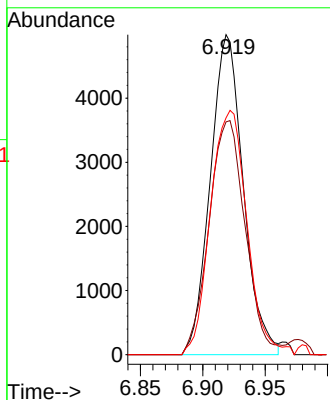
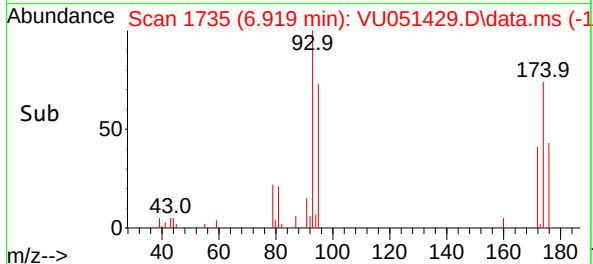
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



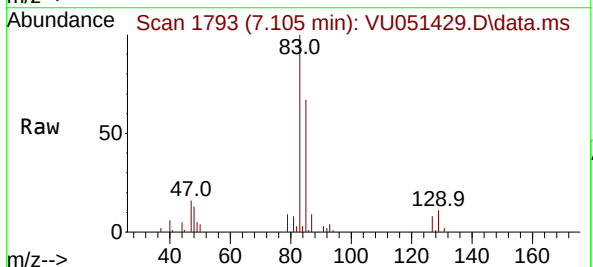
Tgt Ion: 93 Resp: 919
Ion Ratio Lower Upper
93 100
95 80.3 66.7 100.1
174 84.4 75.5 113.3

Manual Integrations
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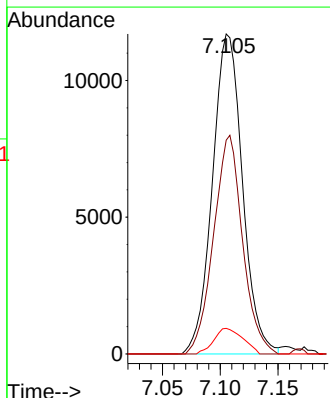
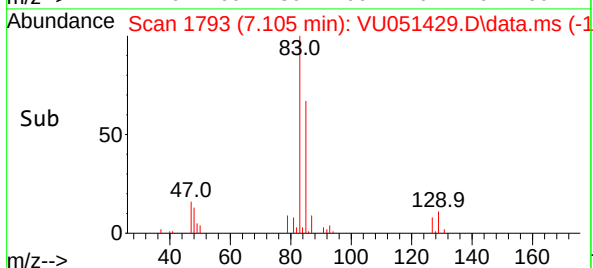
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

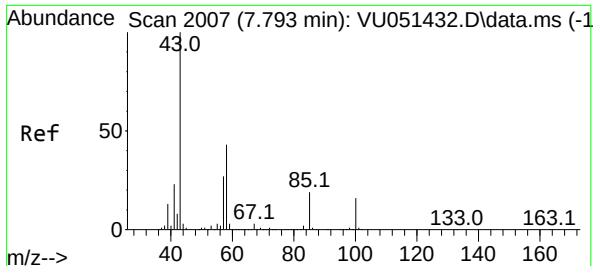


#44
Bromodichloromethane
Concen: 0.993 ug/l
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07



Tgt Ion: 83 Resp: 21206
Ion Ratio Lower Upper
83 100
85 66.8 52.1 78.1
127 8.0 6.8 10.2





#45

4-Methyl-2-Pentanone

Concen: 3.481 ug/l

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU051429.D

Acq: 17 Oct 2022 15:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

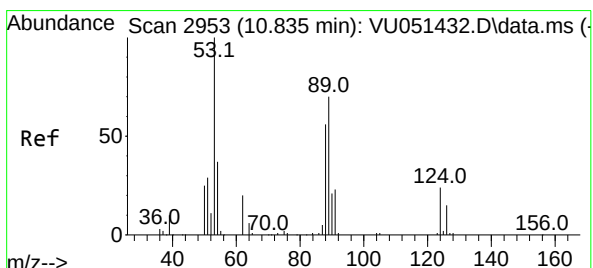
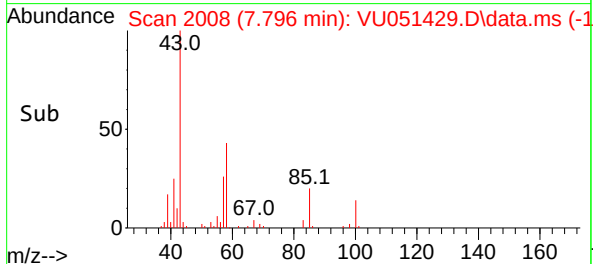
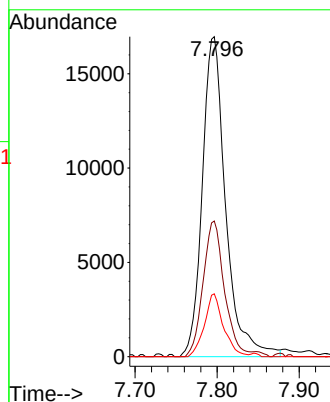
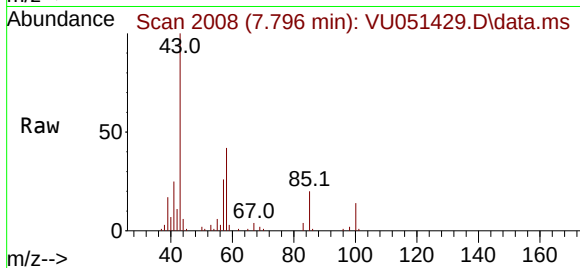
Tgt Ion: 43	Resp: 3358
Ion Ratio	Lower Upper
43 100	
58 38.8	21.4 64.3
85 16.1	15.4 23.0

Manual Integrations

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Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#46

t-1,4-Dichloro-2-butene

Concen: 2.575 ug/l m

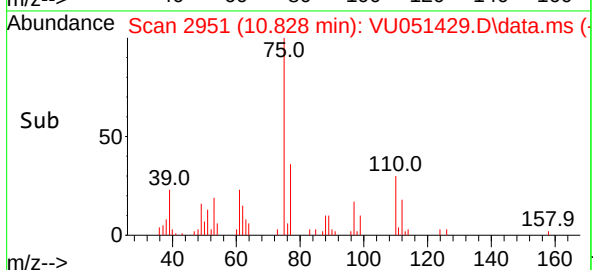
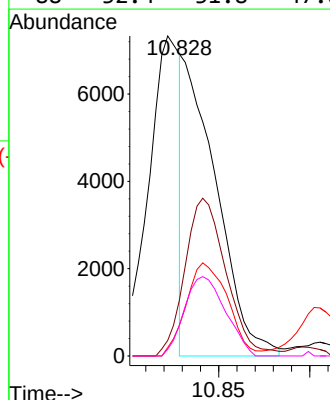
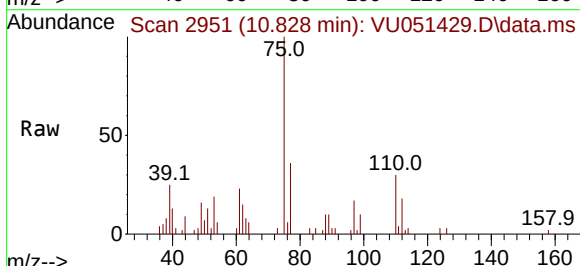
RT: 10.828 min Scan# 2951

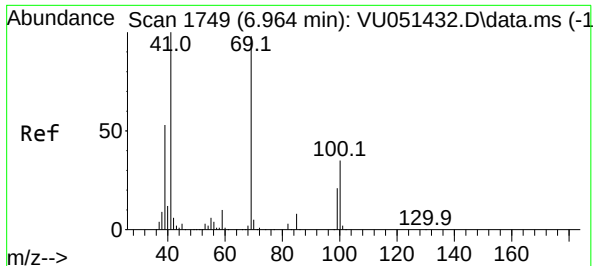
Delta R.T. -0.006 min

Lab File: VU051429.D

Acq: 17 Oct 2022 15:07

Tgt Ion: 75	Resp: 8773
Ion Ratio	Lower Upper
75 100	
53 64.7	61.1 91.7
89 38.5	41.0 61.6
88 32.4	31.8 47.8





#47

Methyl methacrylate

Concen: 1.419 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU051429.D

Acq: 17 Oct 2022 15:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

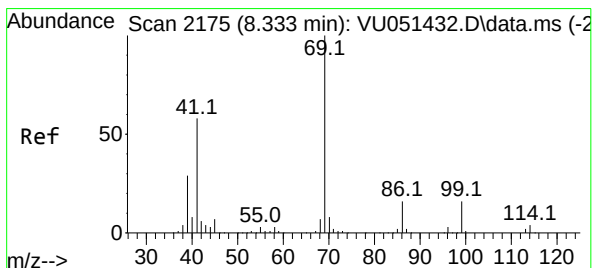
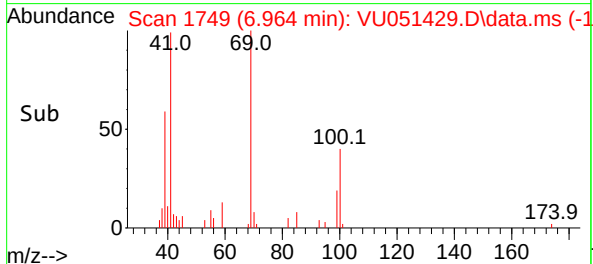
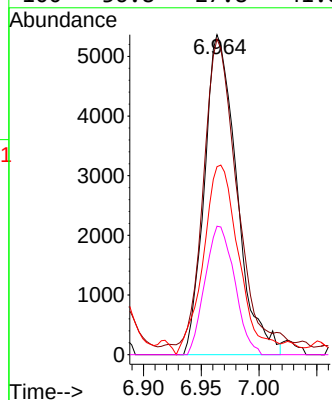
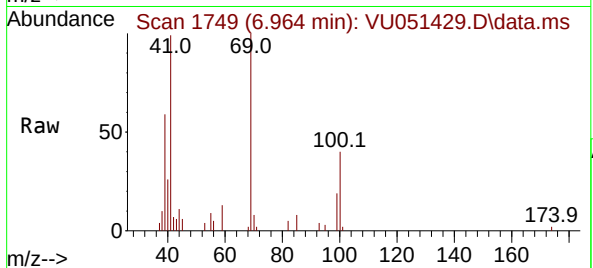
Tgt Ion:	69	Resp:	10424
Ion	Ratio	Lower	Upper
69	100		
41	98.1	0.0	200.8
39	65.4	44.1	66.1
100	36.8	27.8	41.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#48

Ethyl methacrylate

Concen: 0.708 ug/l

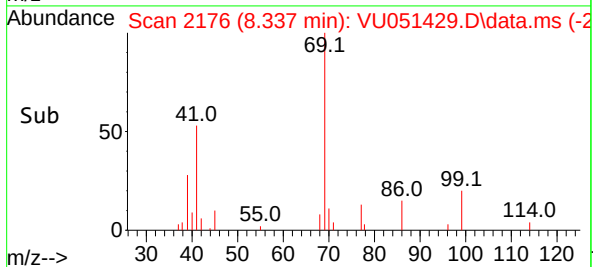
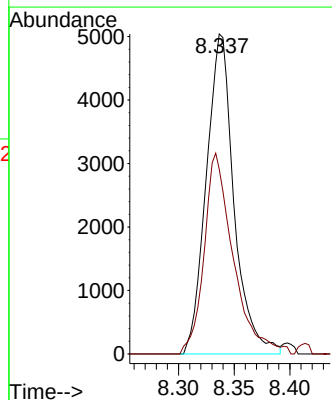
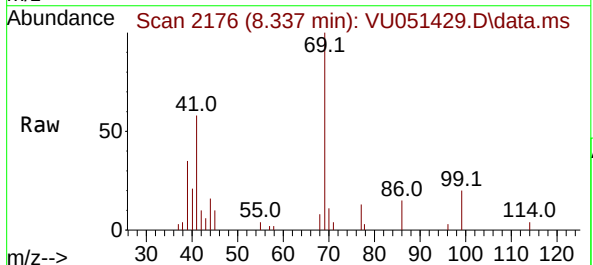
RT: 8.337 min Scan# 2176

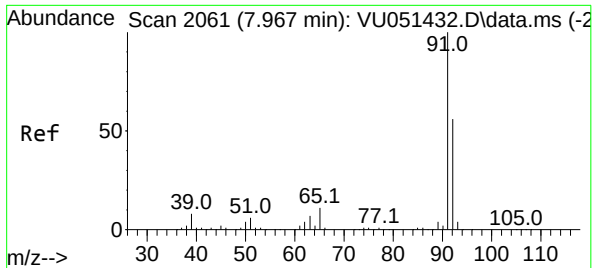
Delta R.T. 0.003 min

Lab File: VU051429.D

Acq: 17 Oct 2022 15:07

Tgt Ion:	69	Resp:	8724
Ion	Ratio	Lower	Upper
69	100		
41	65.9	28.8	86.5





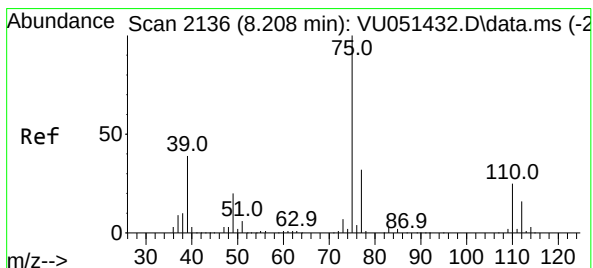
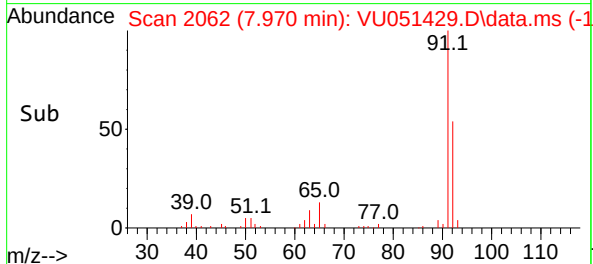
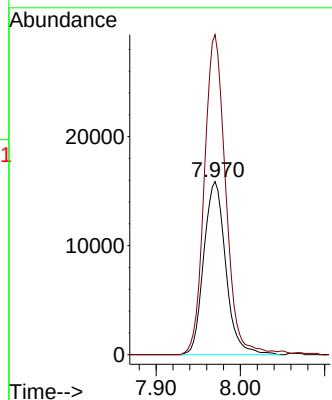
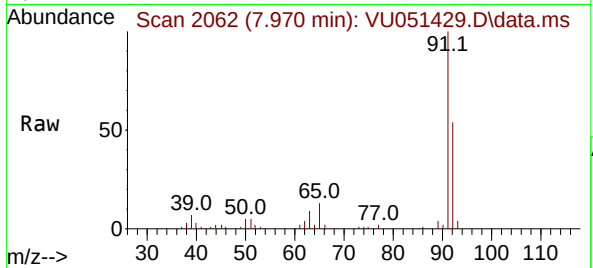
#49
Toluene
Concen: 0.847 ug/l
RT: 7.970 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 92 Resp: 2882
Ion Ratio Lower Upper
92 100
91 179.7 141.8 212.6

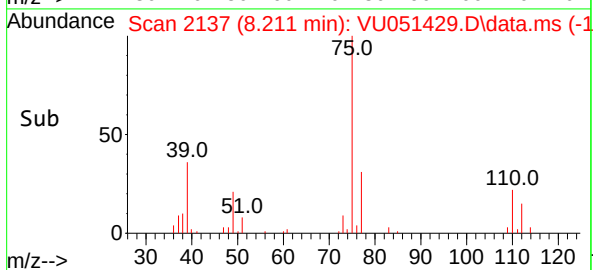
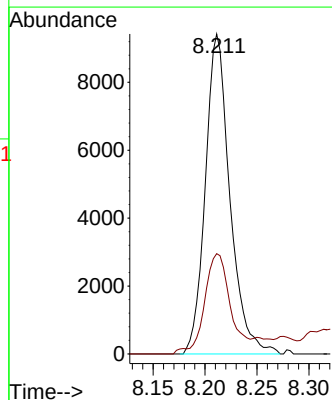
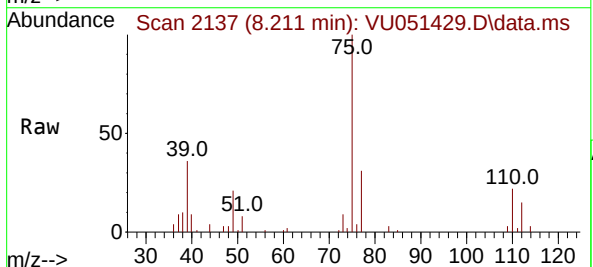
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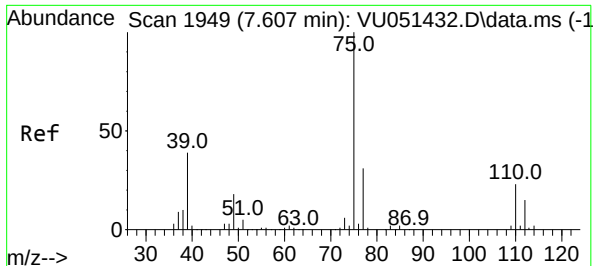
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#50
t-1,3-Dichloropropene
Concen: 0.898 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

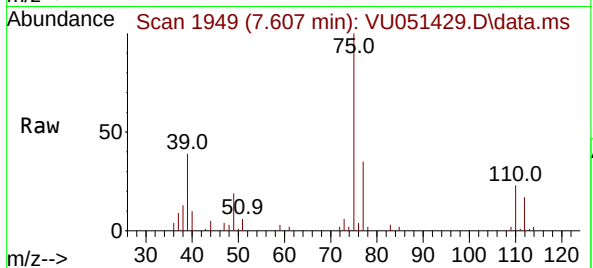
Tgt Ion: 75 Resp: 15479
Ion Ratio Lower Upper
75 100
77 29.8 25.8 38.6





#51
 cis-1,3-Dichloropropene
 Concen: 0.911 ug/l
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VU051429.D
 Acq: 17 Oct 2022 15:07

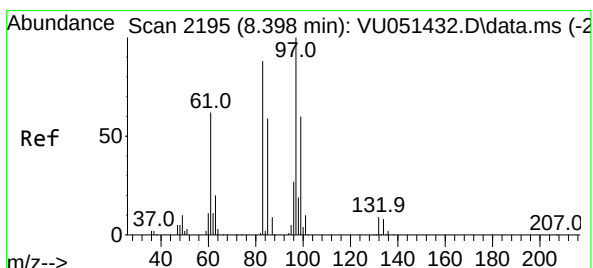
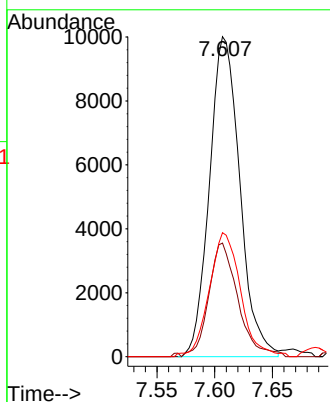
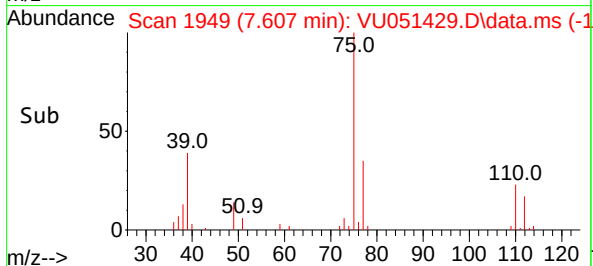
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001



Tgt Ion: 75 Resp: 1830
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.1 37.7
 39 37.7 31.4 47.0

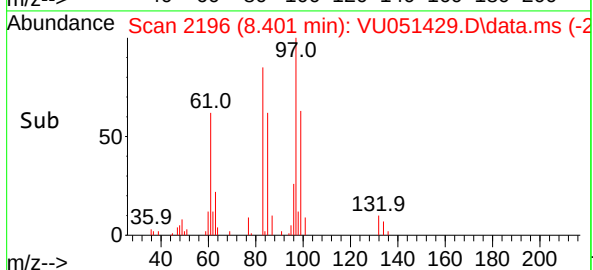
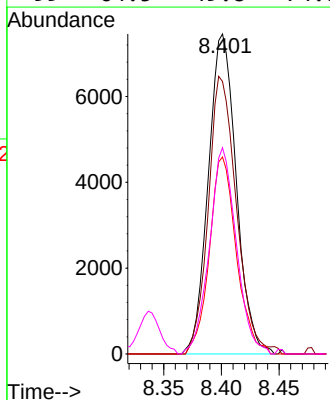
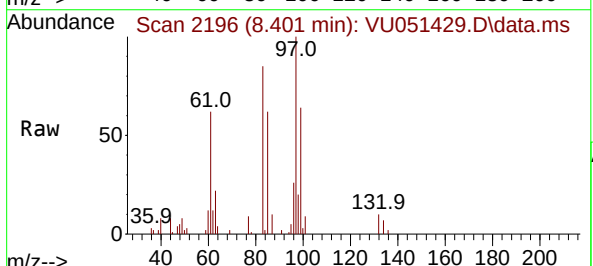
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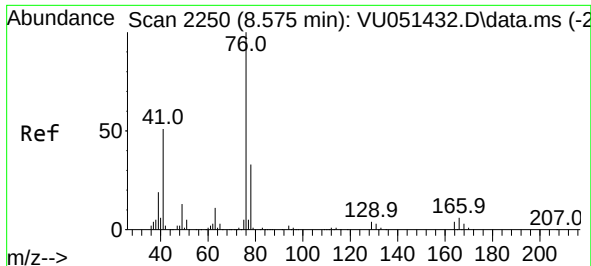
Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/21/2022



#52
 1,1,2-Trichloroethane
 Concen: 0.946 ug/l
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.003 min
 Lab File: VU051429.D
 Acq: 17 Oct 2022 15:07

Tgt Ion: 97 Resp: 12553
 Ion Ratio Lower Upper
 97 100
 83 85.1 70.6 105.8
 85 61.5 47.0 70.4
 99 64.5 49.8 74.8





#53

1,3-Dichloropropane

Concen: 0.894 ug/l

RT: 8.575 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051429.D

Acq: 17 Oct 2022 15:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 76 Resp: 18914

Ion Ratio Lower Upper

76 100

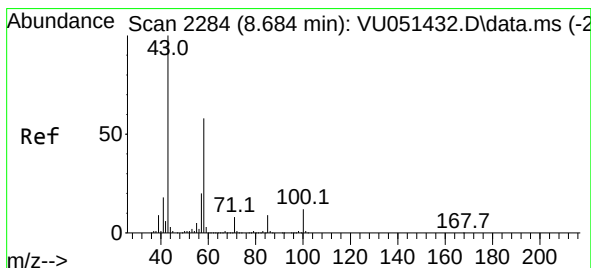
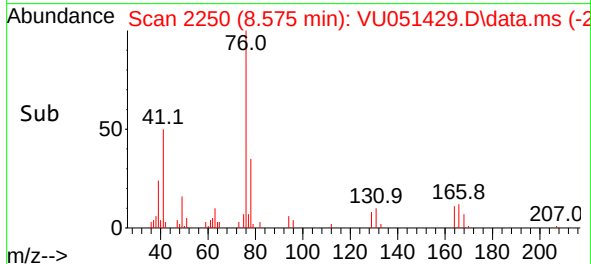
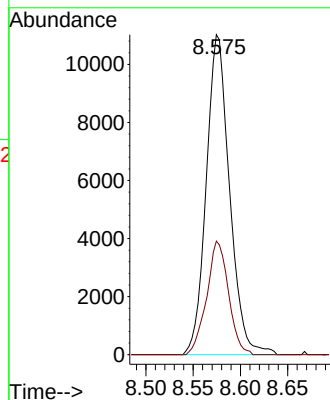
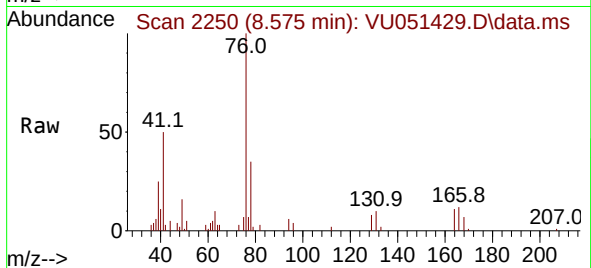
78 33.2 26.4 39.6

Manual Integrations

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Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#54

2-Hexanone

Concen: 3.256 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.003 min

Lab File: VU051429.D

Acq: 17 Oct 2022 15:07

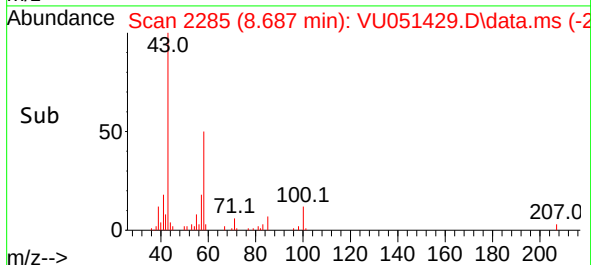
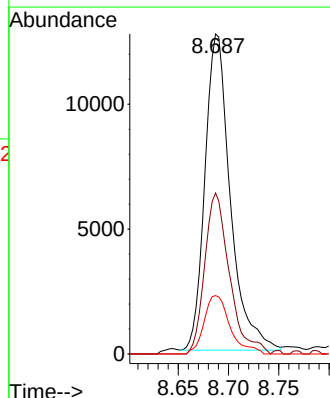
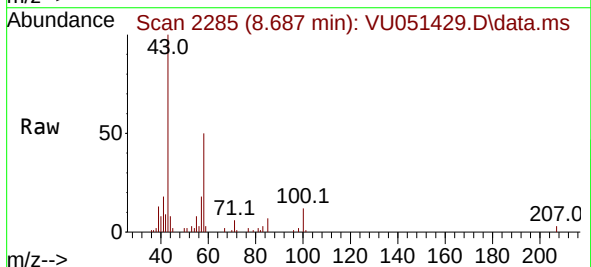
Tgt Ion: 43 Resp: 22232

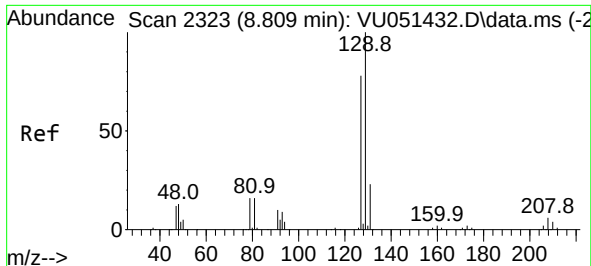
Ion Ratio Lower Upper

43 100

58 49.5 38.0 78.0

57 18.9 0.0 39.9





#55

Dibromochloromethane

Concen: 0.926 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. -0.000 min

Lab File: VU051429.D

Acq: 17 Oct 2022 15:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion:129 Resp: 13390

Ion Ratio Lower Upper

129 100

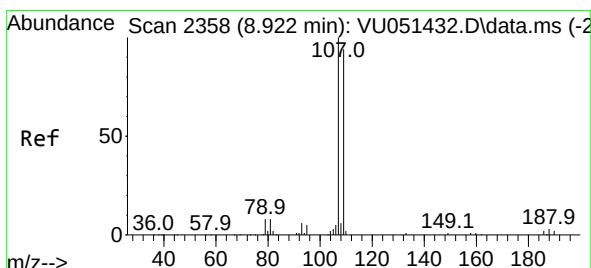
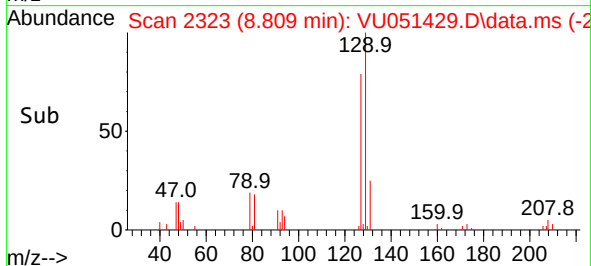
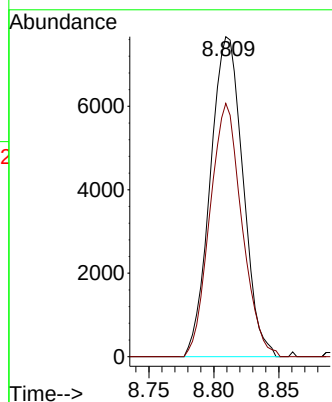
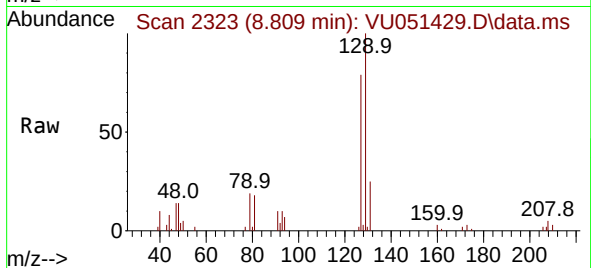
127 77.5 62.1 93.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#56

1,2-Dibromoethane

Concen: 0.905 ug/l

RT: 8.925 min Scan# 2359

Delta R.T. 0.003 min

Lab File: VU051429.D

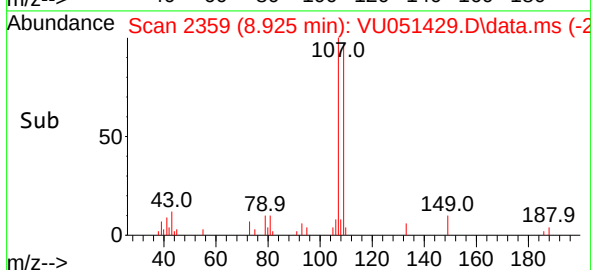
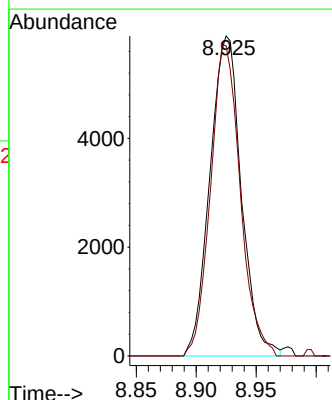
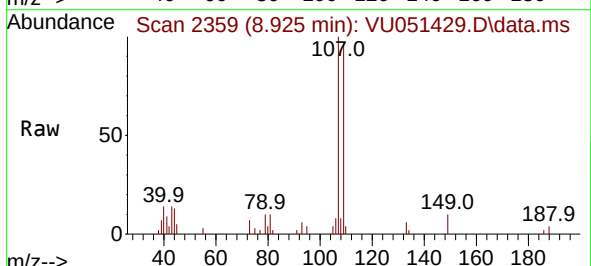
Acq: 17 Oct 2022 15:07

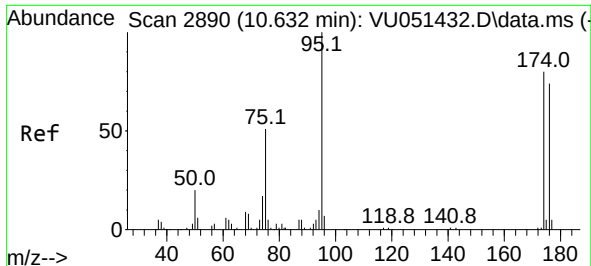
Tgt Ion:107 Resp: 10708

Ion Ratio Lower Upper

107 100

109 92.1 0.0 190.6





#57

4-Bromofluorobenzene

Concen: 0.909 ug/l

RT: 10.629 min Scan# 2889

Delta R.T. -0.003 min

Lab File: VU051429.D

Acq: 17 Oct 2022 15:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 95 Resp: 1528

Ion Ratio Lower Upper

95 100

174 79.1 63.0 94.6

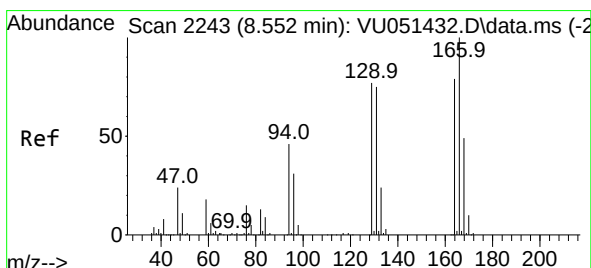
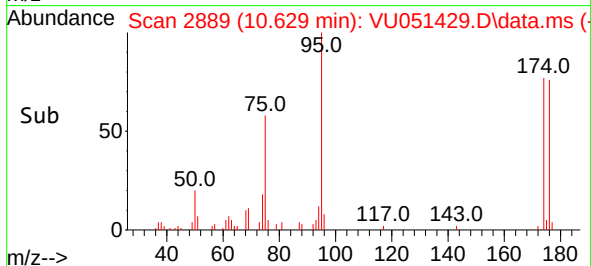
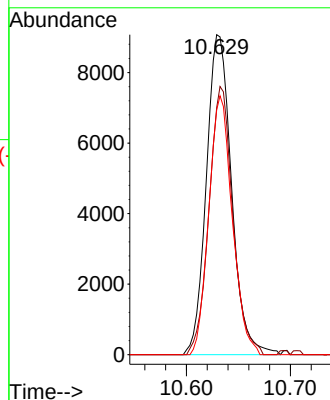
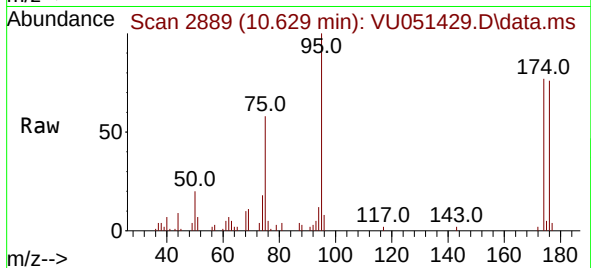
176 75.4 59.8 89.6

Manual Integrations

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Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#58

Tetrachloroethene

Concen: 0.817 ug/l

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051429.D

Acq: 17 Oct 2022 15:07

Tgt Ion:164 Resp: 12170

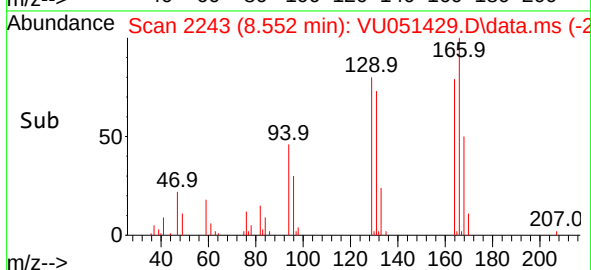
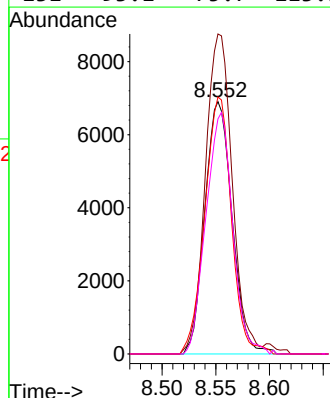
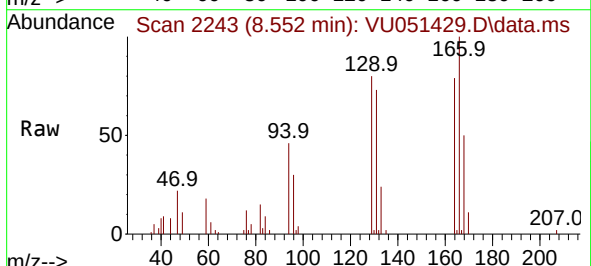
Ion Ratio Lower Upper

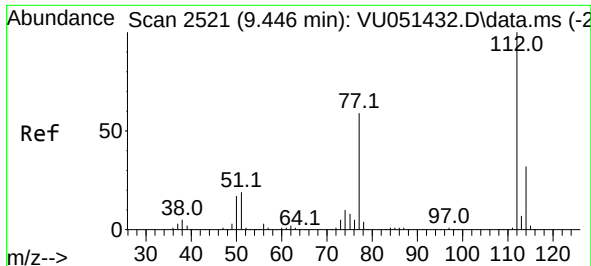
164 100

166 126.8 100.9 151.3

129 101.8 77.5 116.3

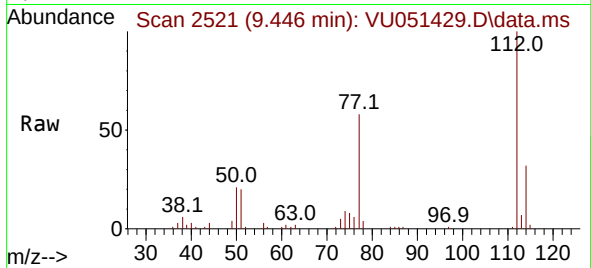
131 93.1 75.7 113.5





#59
Chlorobenzene
Concen: 0.915 ug/l
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

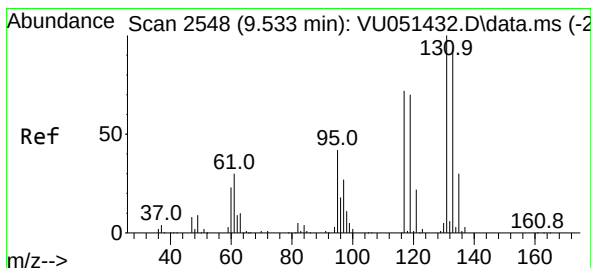
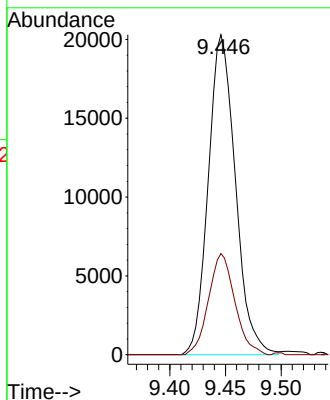
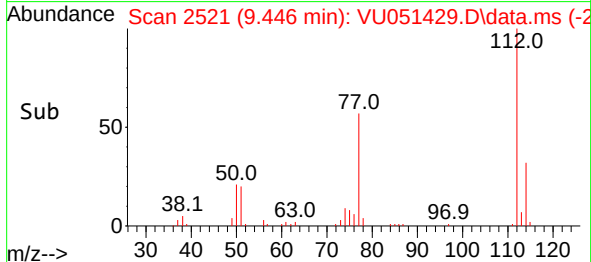
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



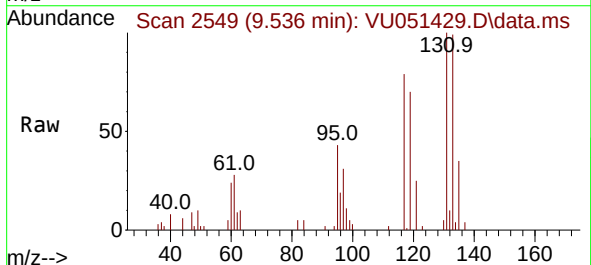
Tgt Ion:112 Resp: 3434
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6

Manual Integrations
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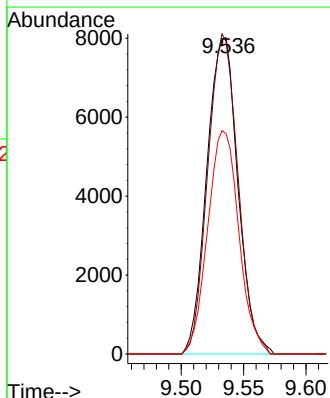
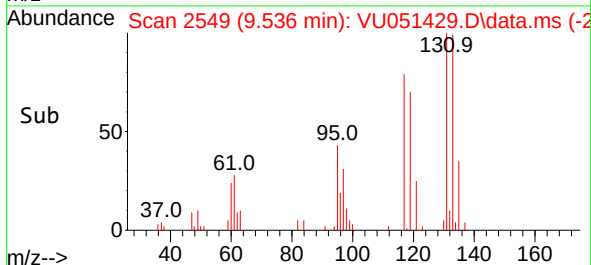
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

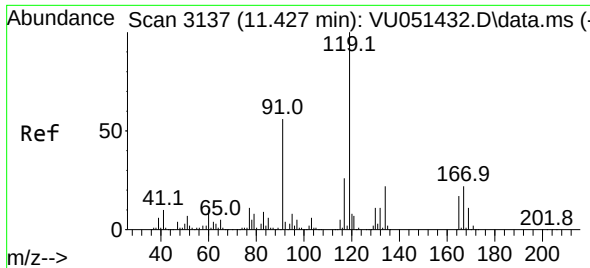


#60
1,1,1,2-Tetrachloroethane
Concen: 0.953 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.003 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07



Tgt Ion:131 Resp: 13922
Ion Ratio Lower Upper
131 100
133 98.0 76.5 114.7
119 70.9 56.5 84.7





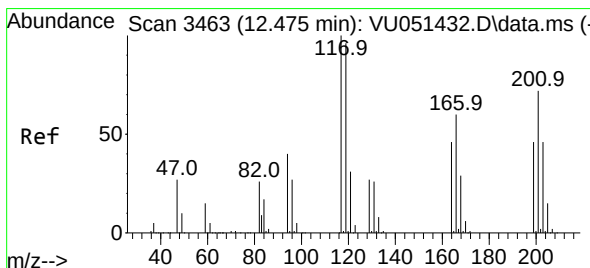
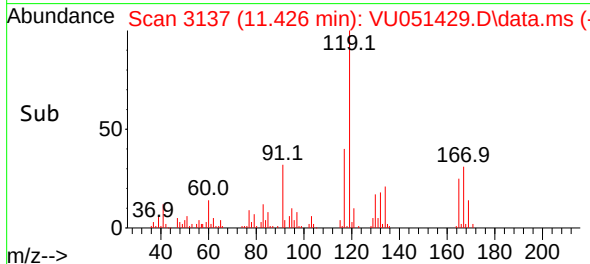
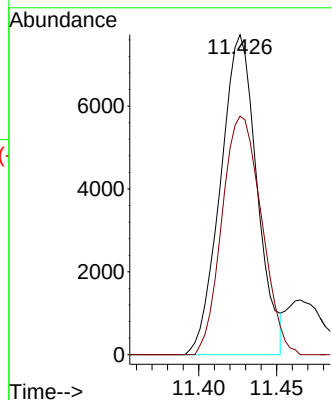
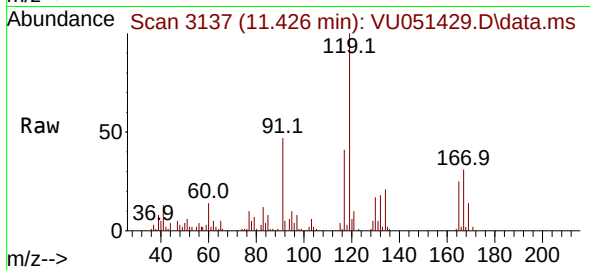
#61
Pentachloroethane
Concen: 1.180 ug/l
RT: 11.426 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 1260
Ion Ratio Lower Upper
117 100
167 80.4 63.3 94.9

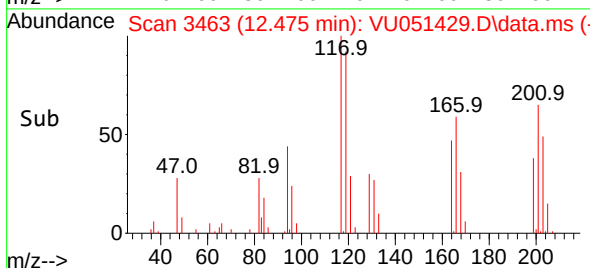
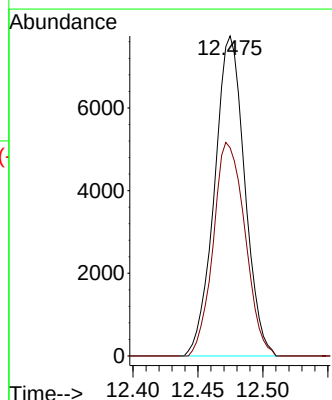
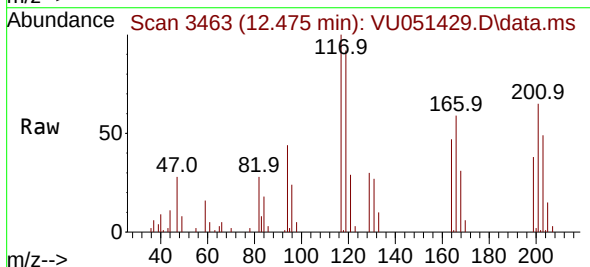
Manual Integrations
APPROVED

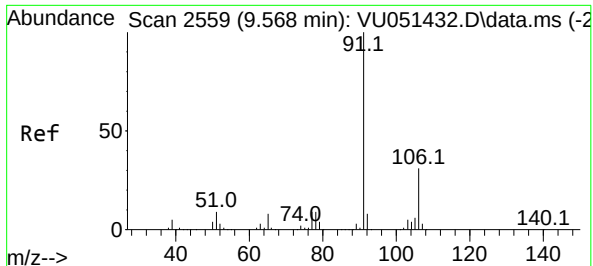
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#62
Hexachloroethane
Concen: 1.061 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

Tgt Ion:117 Resp: 12513
Ion Ratio Lower Upper
117 100
201 70.0 57.4 86.2





#63

Ethyl Benzene

Concen: 0.776 ug/l

RT: 9.568 min Scan# 2559

Delta R.T. -0.000 min

Lab File: VU051429.D

Acq: 17 Oct 2022 15:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 91 Resp: 44739

Ion Ratio Lower Upper

91 100

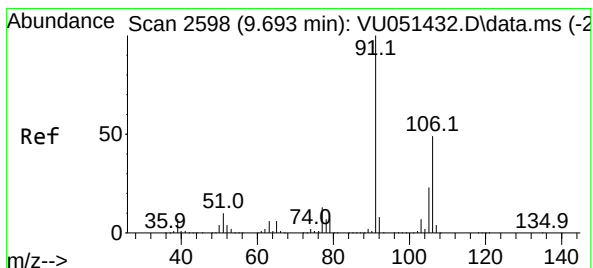
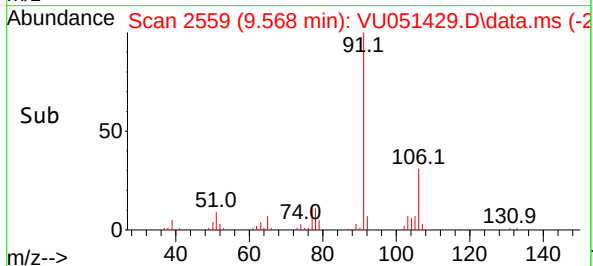
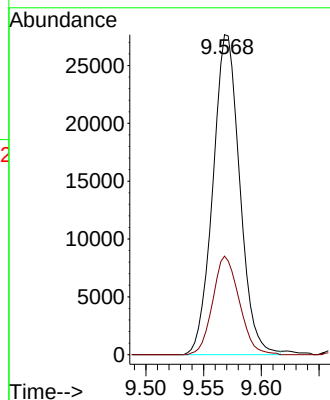
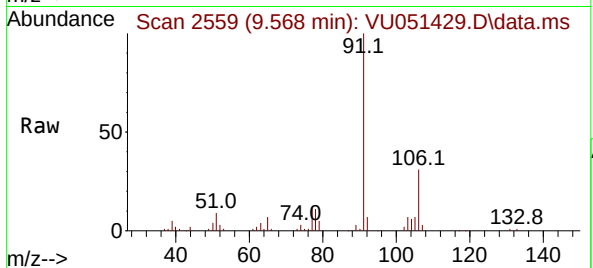
106 30.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/21/2022



#64

m/p-Xylenes

Concen: 1.450 ug/l

RT: 9.690 min Scan# 2597

Delta R.T. -0.003 min

Lab File: VU051429.D

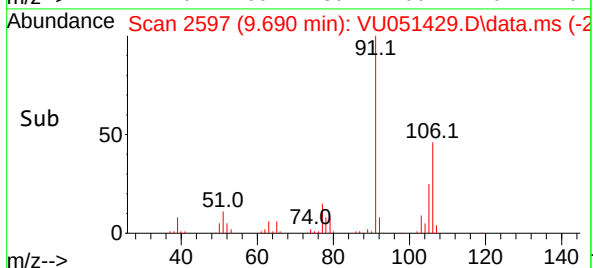
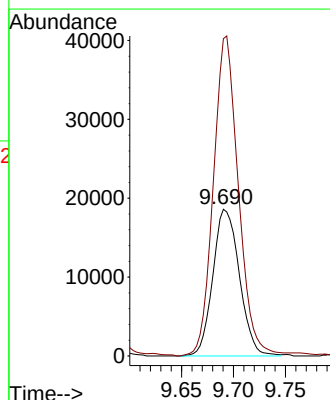
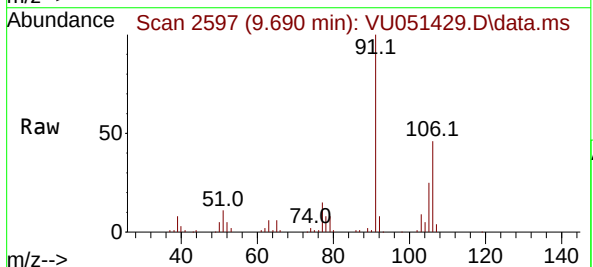
Acq: 17 Oct 2022 15:07

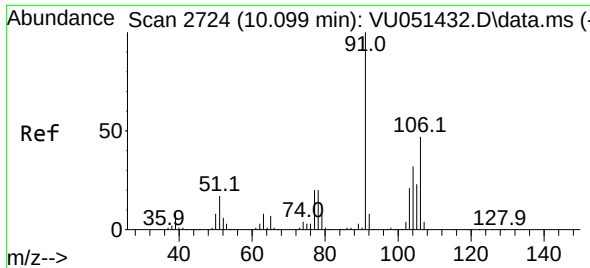
Tgt Ion:106 Resp: 33062

Ion Ratio Lower Upper

106 100

91 205.6 163.2 244.8





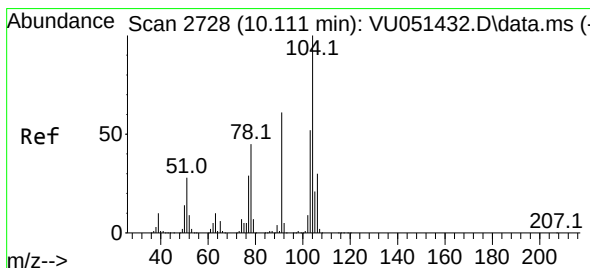
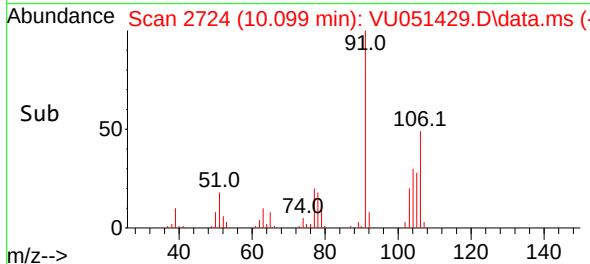
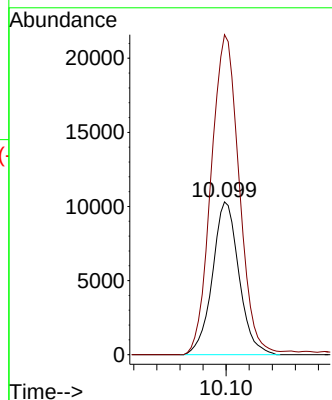
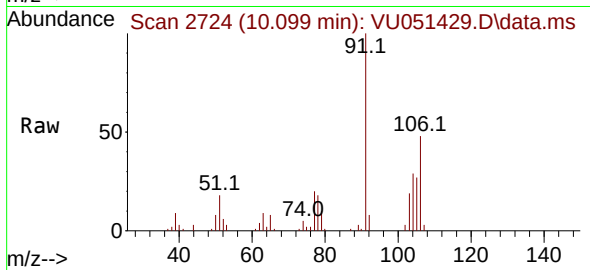
#65
o-Xylene
Concen: 0.741 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 1644
Ion Ratio Lower Upper
106 100
91 221.2 107.1 321.3

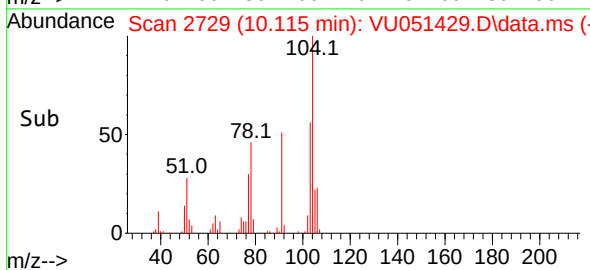
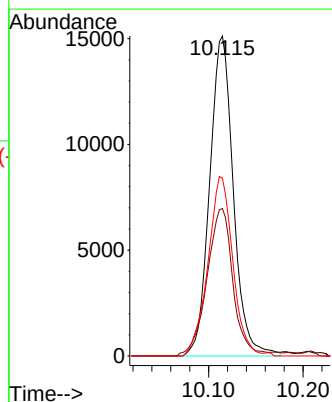
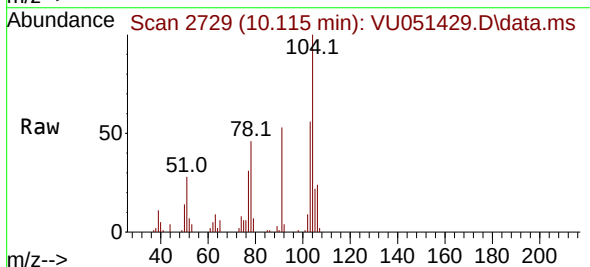
Manual Integrations
APPROVED

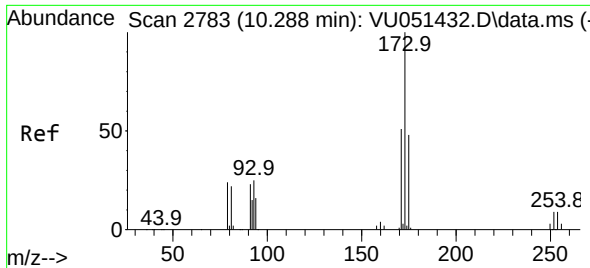
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#66
Styrene
Concen: 0.720 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

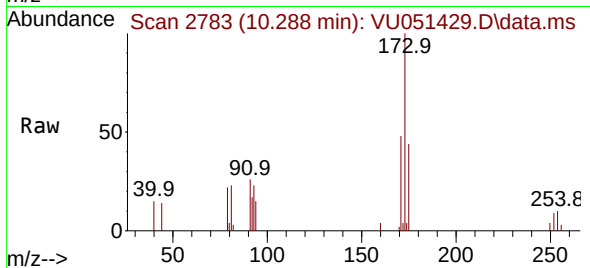
Tgt Ion:104 Resp: 26347
Ion Ratio Lower Upper
104 100
78 50.3 39.7 59.5
103 58.5 44.4 66.6





#67
Bromoform
Concen: 0.917 ug/l
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

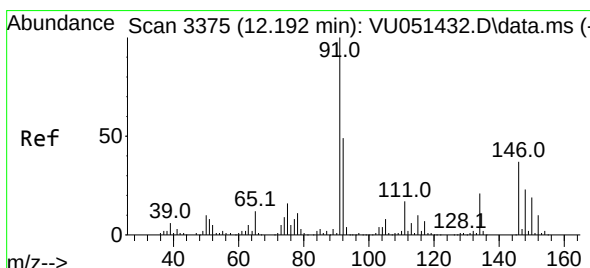
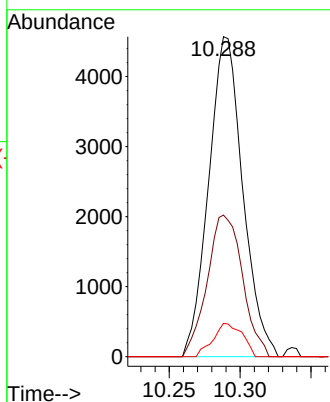
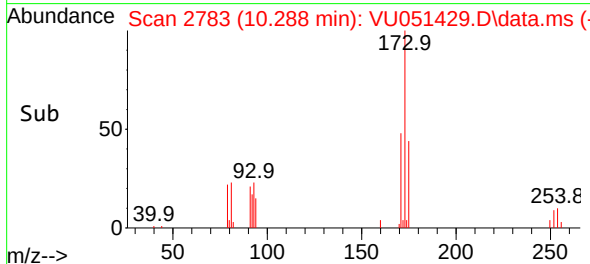
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



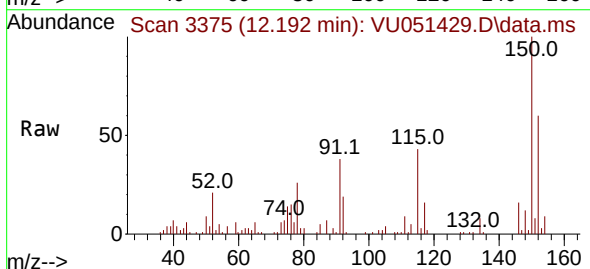
Tgt Ion:173 Resp: 764
Ion Ratio Lower Upper
173 100
175 45.8 38.6 58.0
254 8.9 7.3 10.9

Manual Integrations
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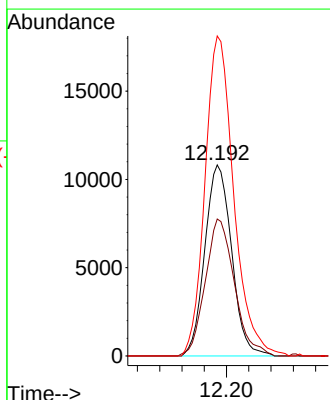
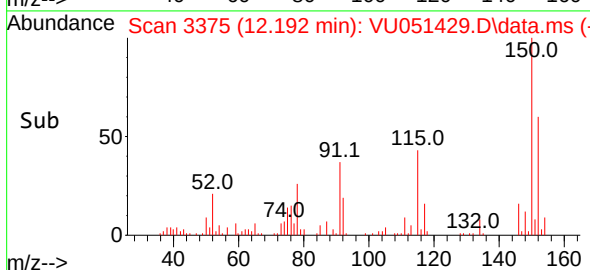
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

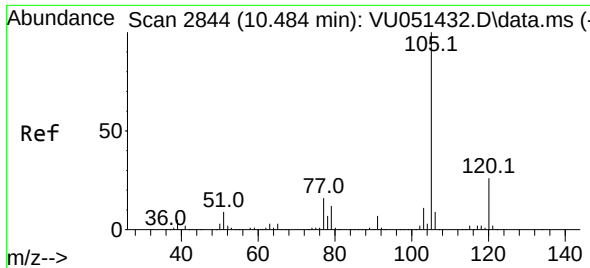


#68
1,2-Dichlorobenzene-d4
Concen: 0.967 ug/l
RT: 12.192 min Scan# 3375
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07



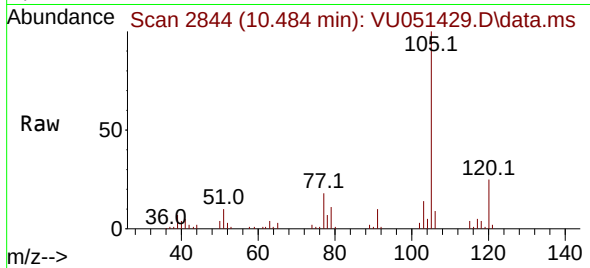
Tgt Ion:152 Resp: 18085
Ion Ratio Lower Upper
152 100
115 77.8 0.0 333.0
150 179.6 0.0 662.0





#69
Isopropylbenzene
Concen: 0.726 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

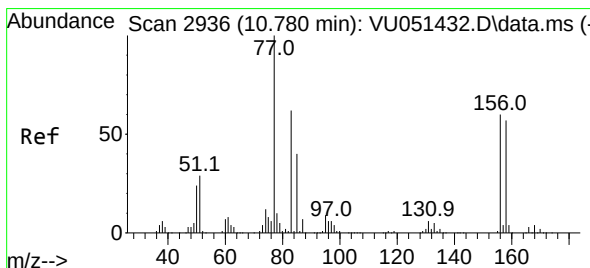
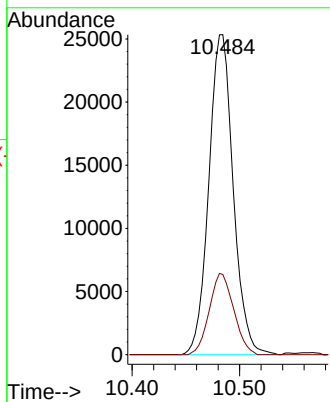
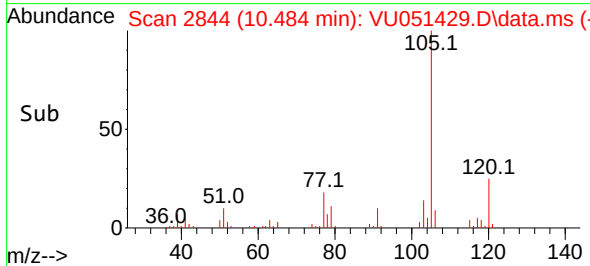
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



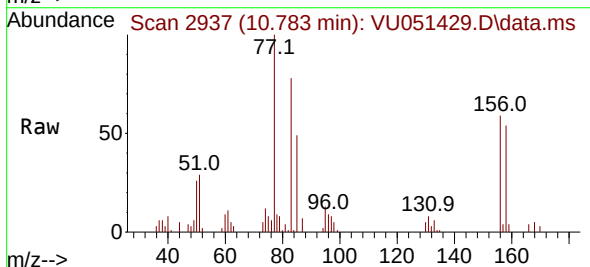
Tgt Ion:105 Resp: 39970
Ion Ratio Lower Upper
105 100
120 25.4 13.0 39.0

Manual Integrations
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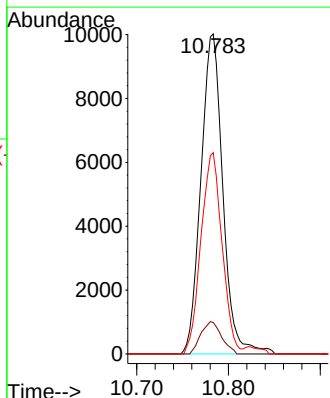
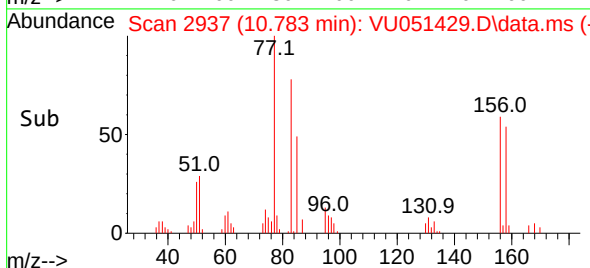
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

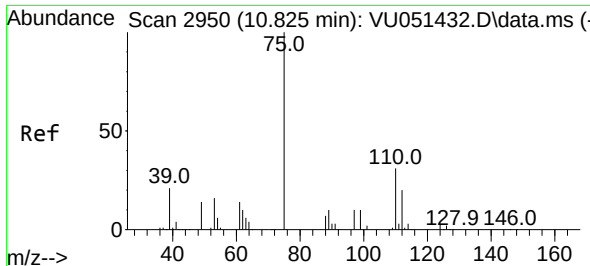


#70
1,1,2,2-Tetrachloroethane
Concen: 0.968 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07



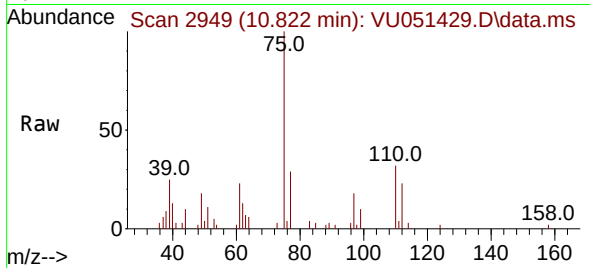
Tgt Ion: 83 Resp: 16633
Ion Ratio Lower Upper
83 100
131 9.5 7.2 10.8
85 60.6 51.4 77.2





#71
1,2,3-Trichloropropane
Concen: 0.983 ug/l m
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

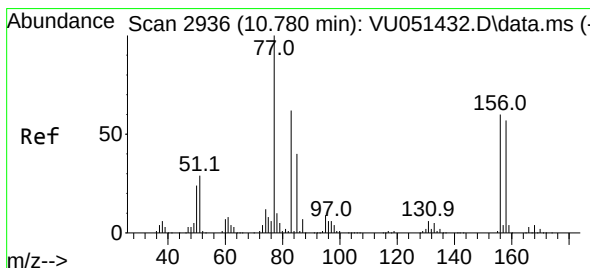
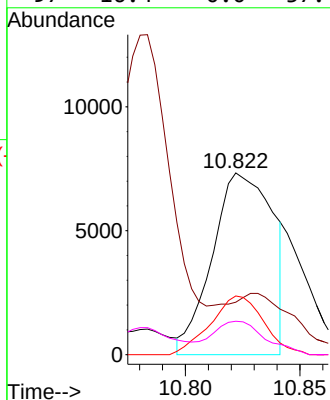
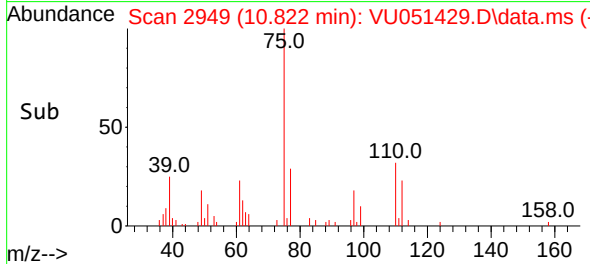
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



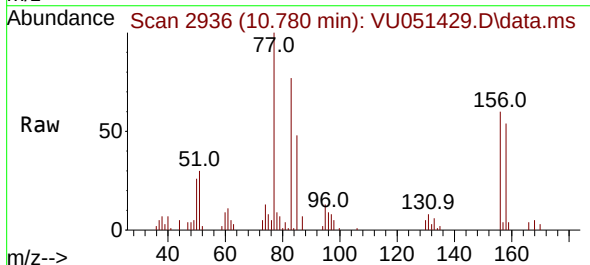
Tgt Ion:	75	Resp:	1342
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	111.0
110	28.4	0.0	70.2
97	16.4	0.0	37.4

Manual Integrations
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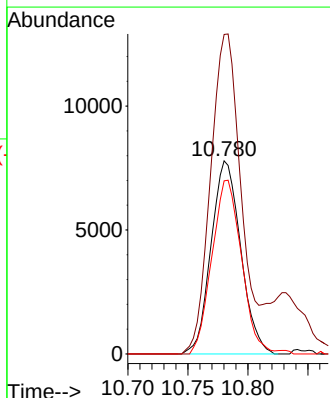
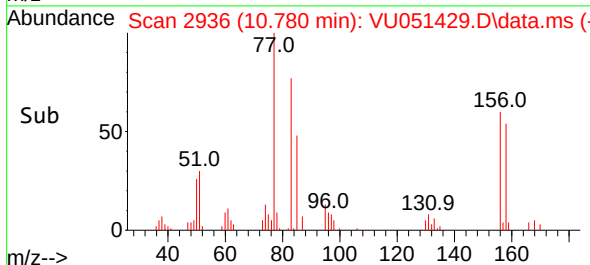
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

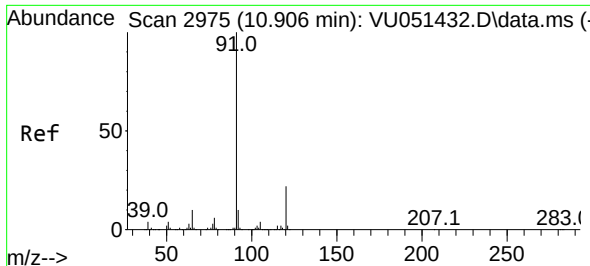


#72
Bromobenzene
Concen: 0.895 ug/l
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07



Tgt Ion:	156	Resp:	13357
Ion Ratio	100	Lower	Upper
156	100		
77	171.2	0.0	343.4
158	89.8	0.0	195.6





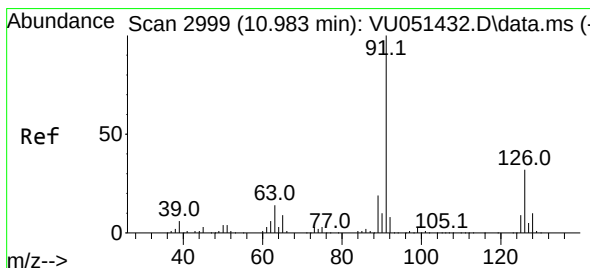
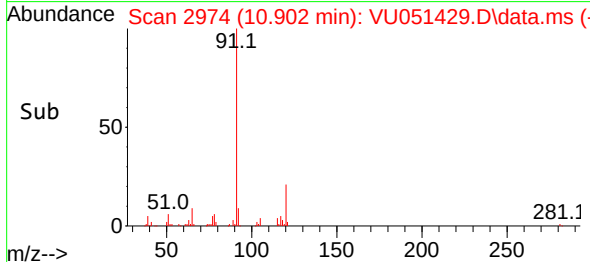
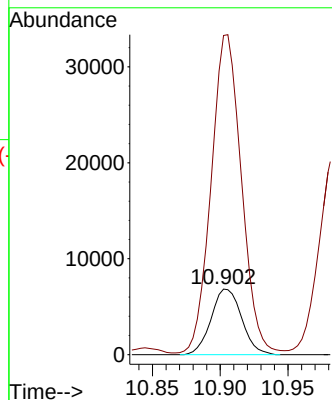
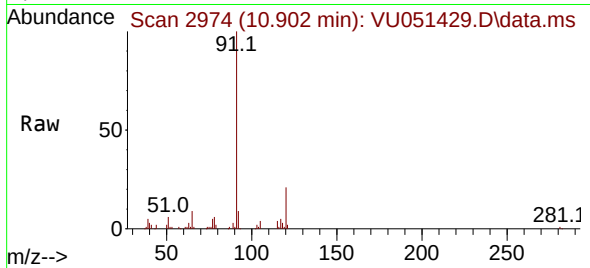
#73
n-propylbenzene
Concen: 0.718 ug/l
RT: 10.902 min Scan# 2975
Delta R.T. -0.003 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:120 Resp: 1074
Ion Ratio Lower Upper
120 100
91 482.4 362.3 543.5

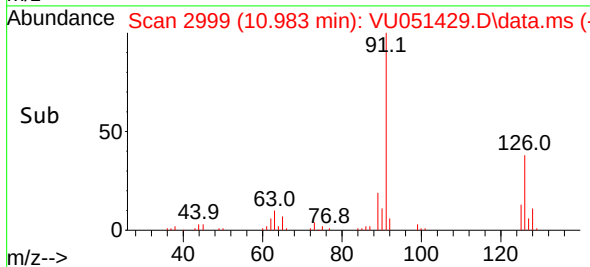
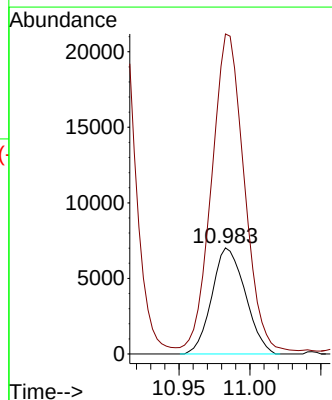
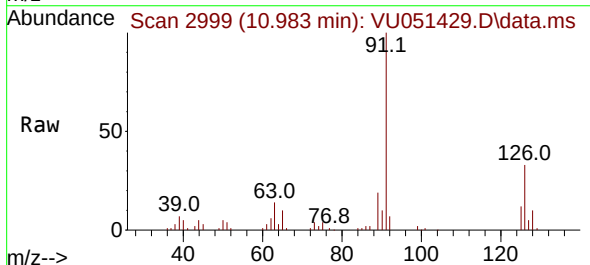
Manual Integrations
APPROVED

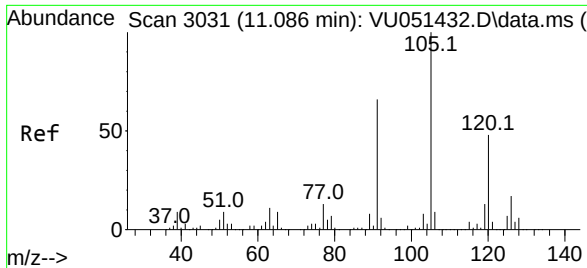
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#74
2-Chlorotoluene
Concen: 0.790 ug/l
RT: 10.983 min Scan# 2999
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

Tgt Ion:126 Resp: 11505
Ion Ratio Lower Upper
126 100
91 291.5 0.0 623.2





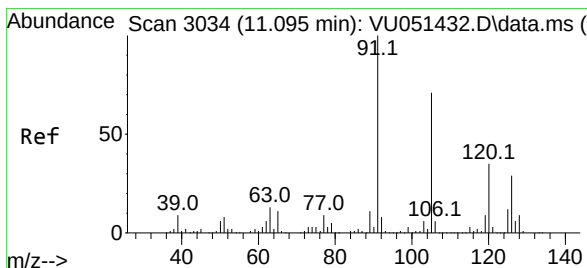
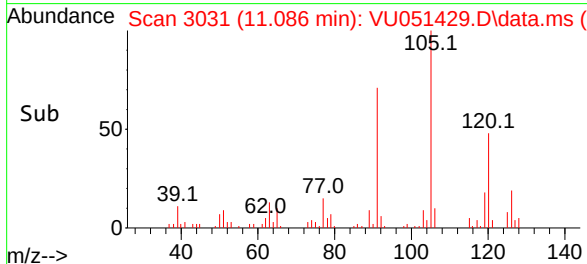
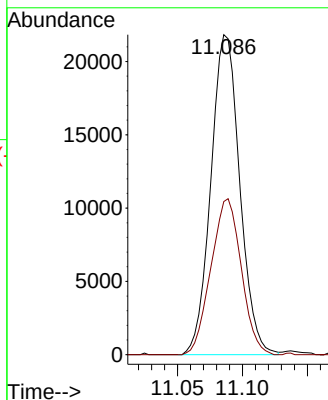
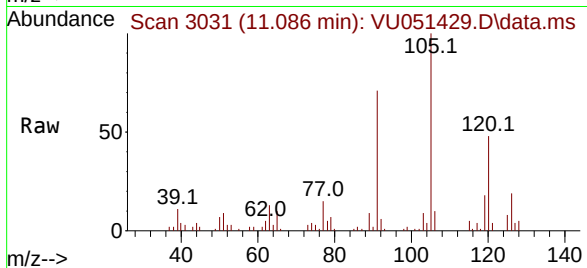
#75
1,3,5-Trimethylbenzene
Concen: 0.690 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:105 Resp: 33778
Ion Ratio Lower Upper
105 100
120 51.0 38.2 57.4

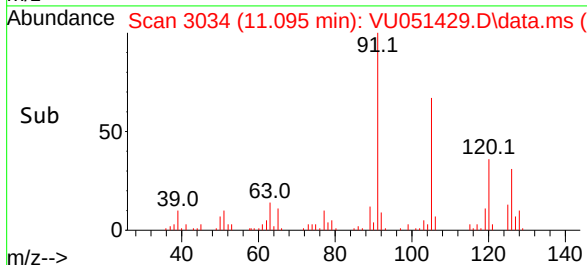
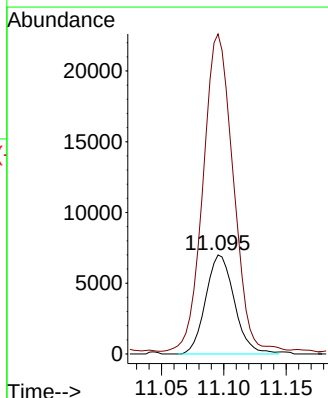
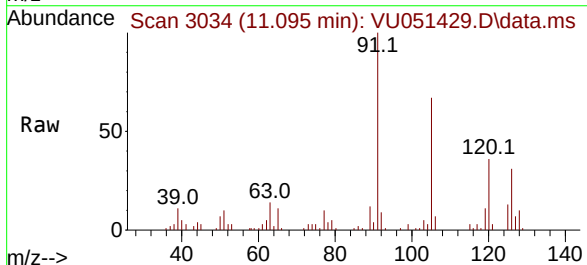
Manual Integrations
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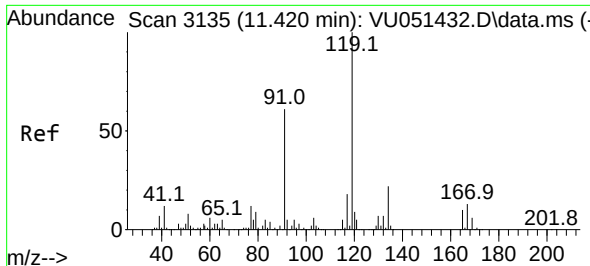
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#76
4-Chlorotoluene
Concen: 0.776 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

Tgt Ion:126 Resp: 11195
Ion Ratio Lower Upper
126 100
91 335.2 0.0 717.6





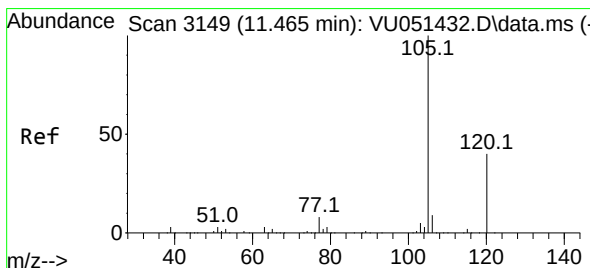
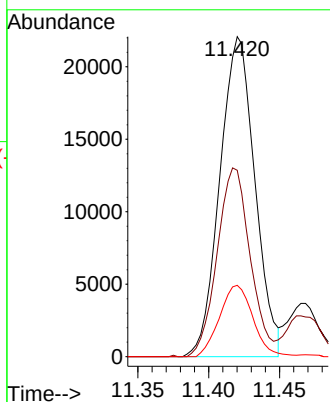
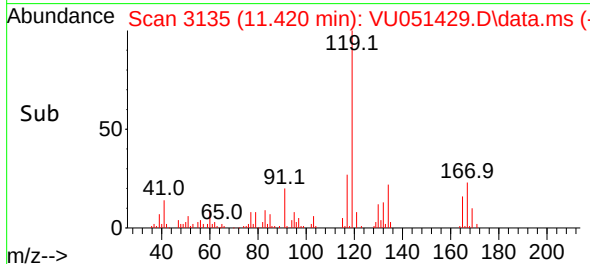
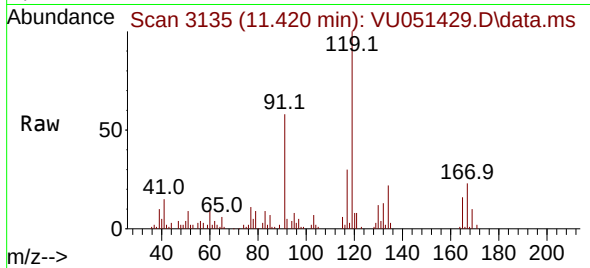
#77
tert-Butylbenzene
Concen: 0.832 ug/l
RT: 11.420 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 3805
Ion Ratio Lower Upper
119 100
91 55.5 29.8 89.5
134 21.3 17.9 26.9

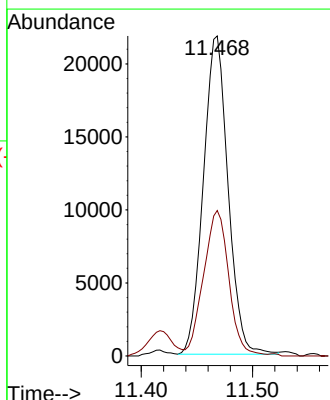
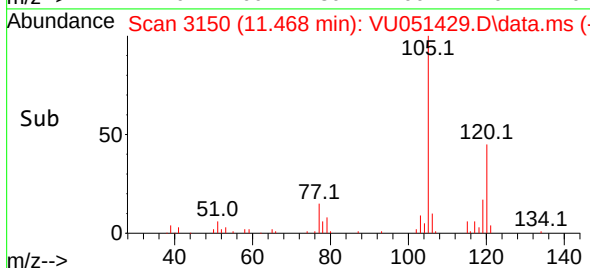
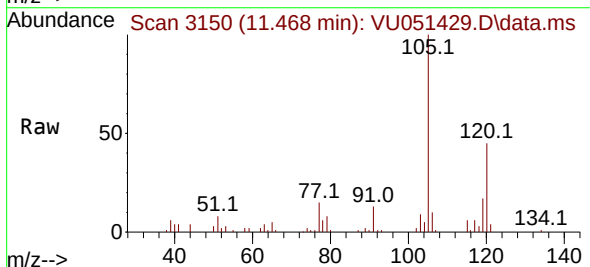
Manual Integrations
APPROVED

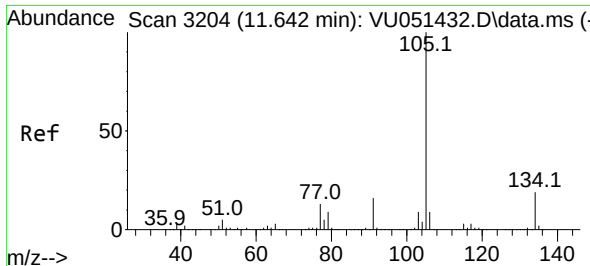
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#78
1,2,4-Trimethylbenzene
Concen: 0.665 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

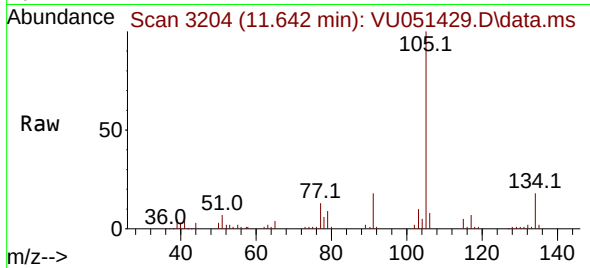
Tgt Ion:105 Resp: 33576
Ion Ratio Lower Upper
105 100
120 45.9 22.1 66.3





#79
 sec-Butylbenzene
 Concen: 0.735 ug/l
 RT: 11.642 min Scan# 3204
 Delta R.T. -0.000 min
 Lab File: VU051429.D
 Acq: 17 Oct 2022 15:07

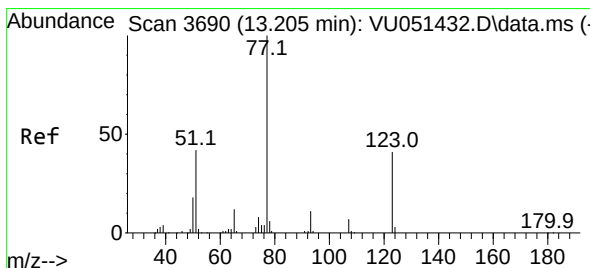
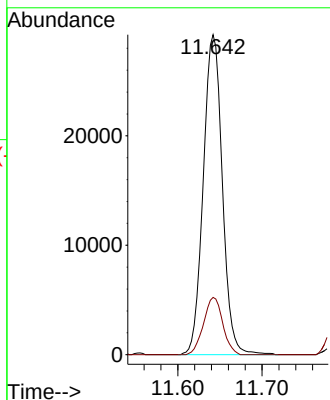
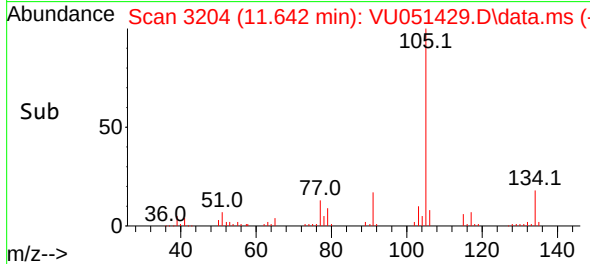
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001



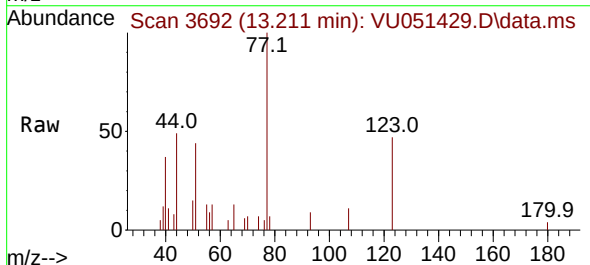
Tgt Ion:105 Resp: 46120
 Ion Ratio Lower Upper
 105 100
 134 18.0 15.2 22.8

Manual Integrations
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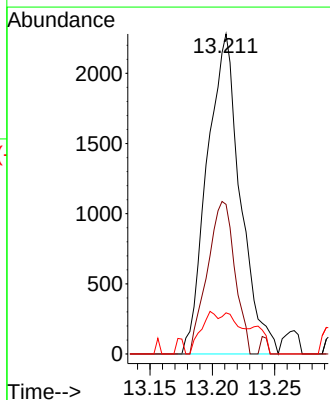
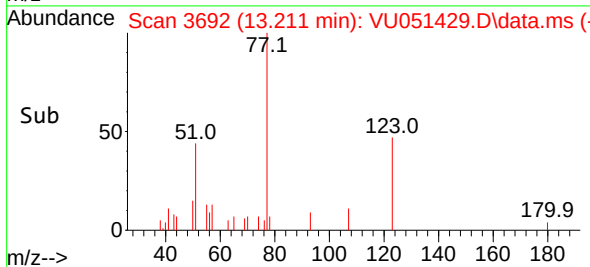
Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/21/2022

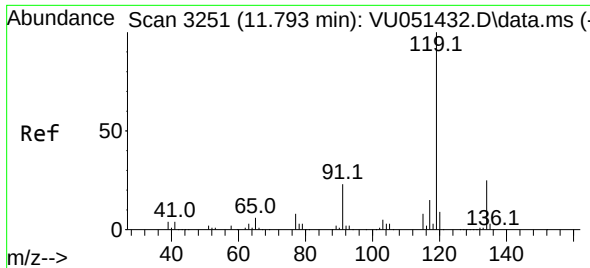


#80
 Nitrobenzene
 Concen: 4.462 ug/l
 RT: 13.211 min Scan# 3692
 Delta R.T. 0.006 min
 Lab File: VU051429.D
 Acq: 17 Oct 2022 15:07



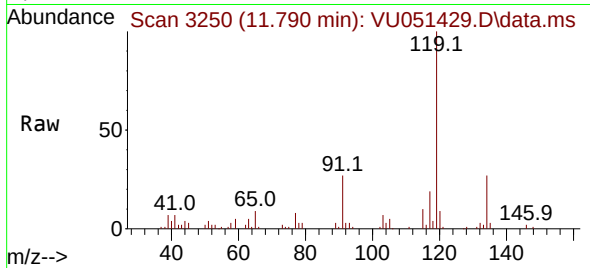
Tgt Ion: 77 Resp: 4238
 Ion Ratio Lower Upper
 77 100
 123 39.3 17.5 62.1
 65 6.9 11.1 14.1#





#81
p-Isopropyltoluene
Concen: 0.721 ug/l
RT: 11.790 min Scan# 3251
Delta R.T. -0.003 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

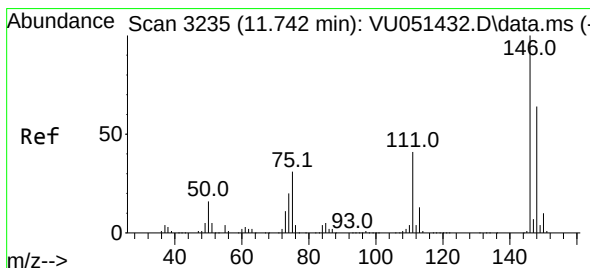
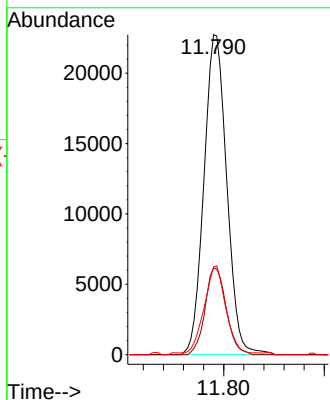
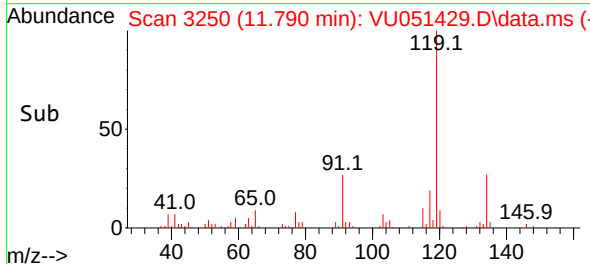
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



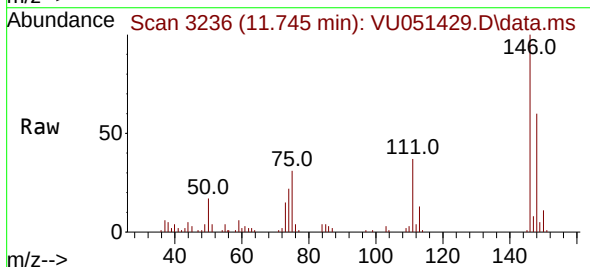
Tgt Ion:119 Resp: 3581
Ion Ratio Lower Upper
119 100
134 25.1 20.3 30.5
91 25.3 18.6 27.8

Manual Integrations
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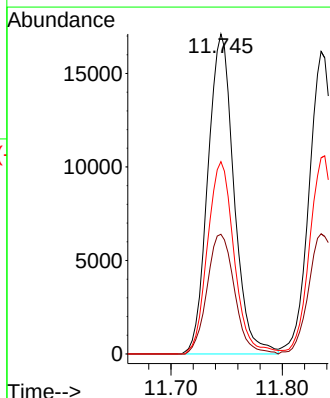
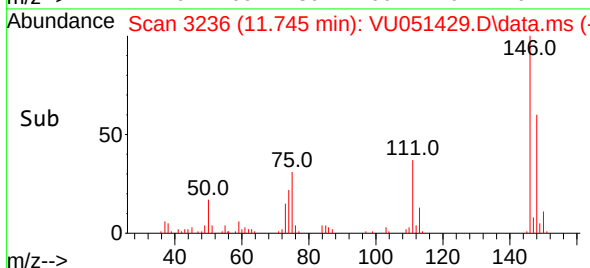
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

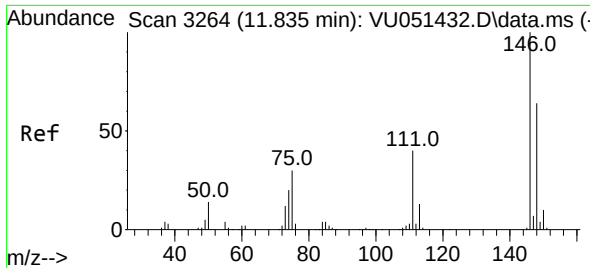


#82
1,3-Dichlorobenzene
Concen: 0.882 ug/l
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07



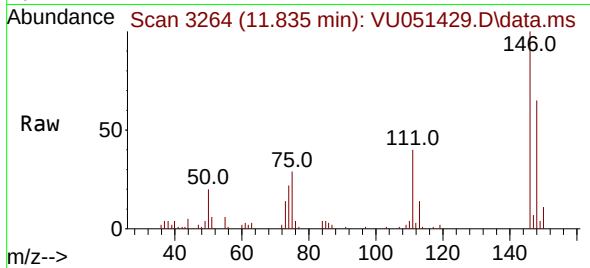
Tgt Ion:146 Resp: 27871
Ion Ratio Lower Upper
146 100
111 39.2 33.4 50.0
148 61.4 51.0 76.6





#83
1,4-Dichlorobenzene
Concen: 0.851 ug/l
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

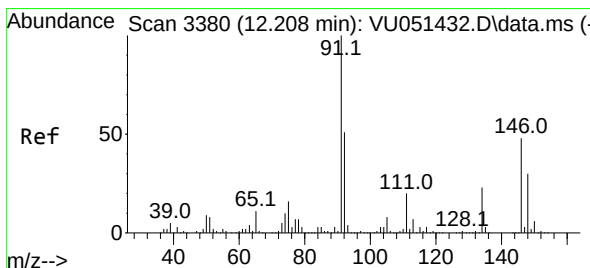
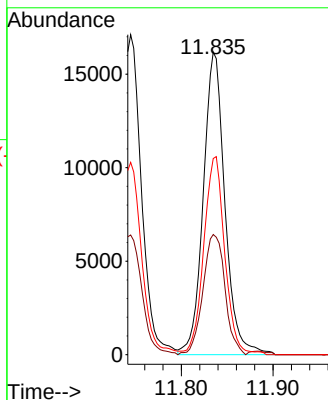
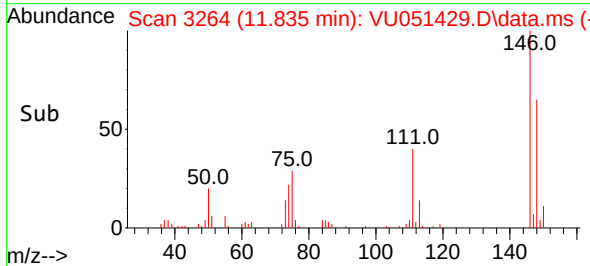
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



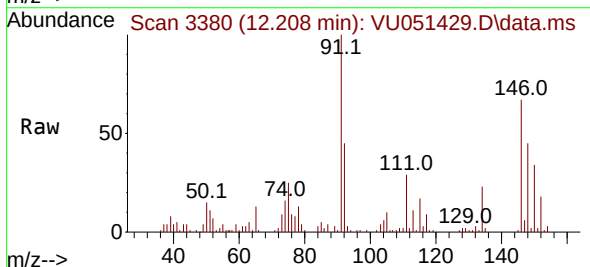
Tgt Ion:146 Resp: 26578
Ion Ratio Lower Upper
146 100
111 40.3 31.6 47.4
148 63.6 50.5 75.7

Manual Integrations
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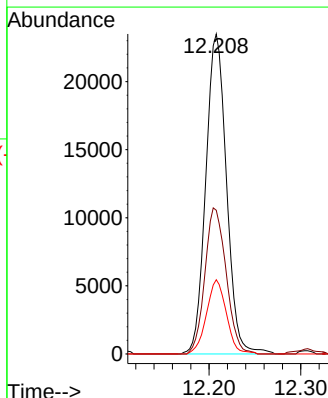
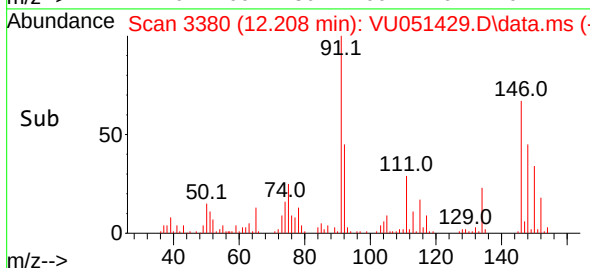
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

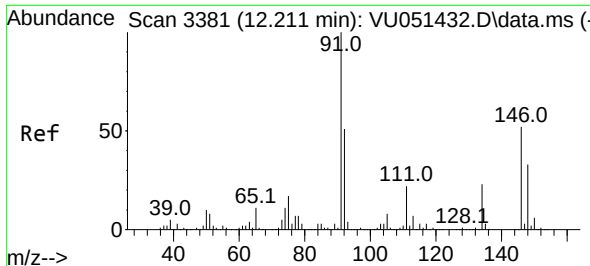


#84
n-Butylbenzene
Concen: 0.791 ug/l
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07



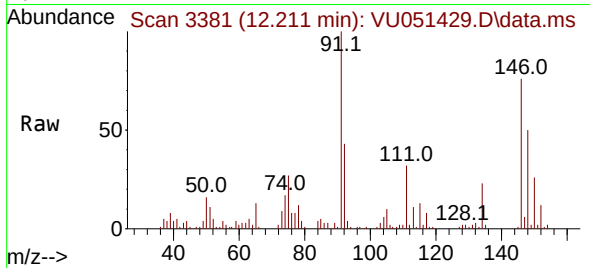
Tgt Ion: 91 Resp: 36909
Ion Ratio Lower Upper
91 100
92 46.9 40.6 61.0
134 22.3 18.3 27.5





#85
1,2-Dichlorobenzene
Concen: 0.901 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

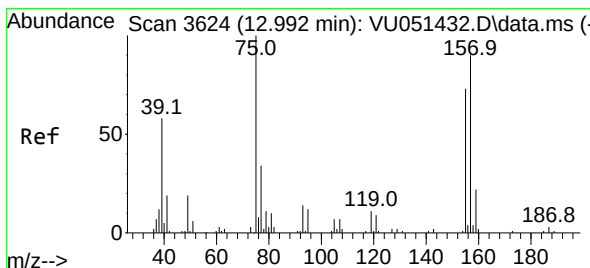
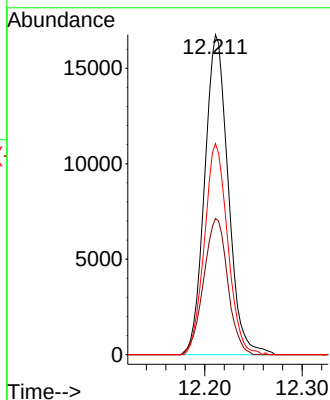
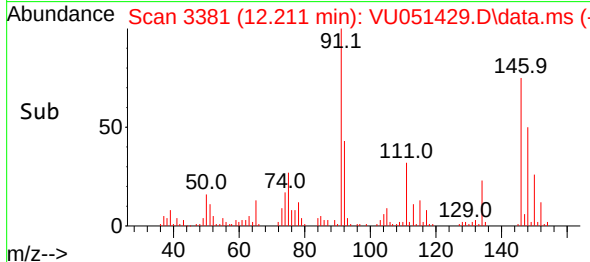
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



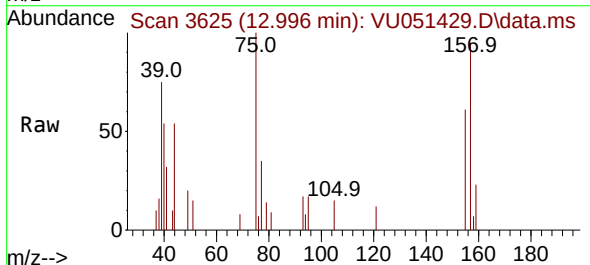
Tgt Ion:146 Resp: 28089
Ion Ratio Lower Upper
146 100
111 43.5 21.3 63.9
148 65.3 31.8 95.4

Manual Integrations
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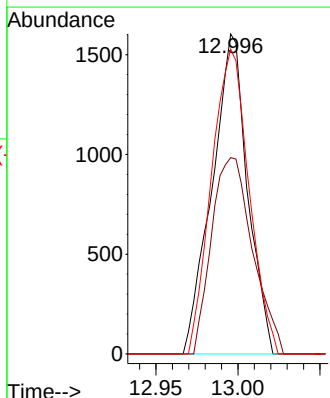
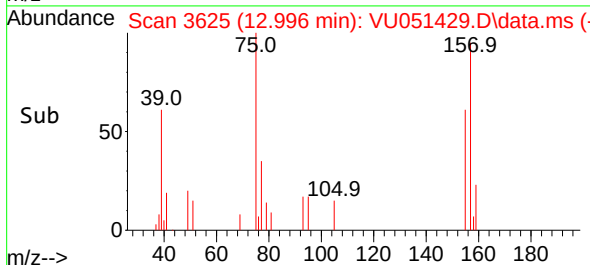
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

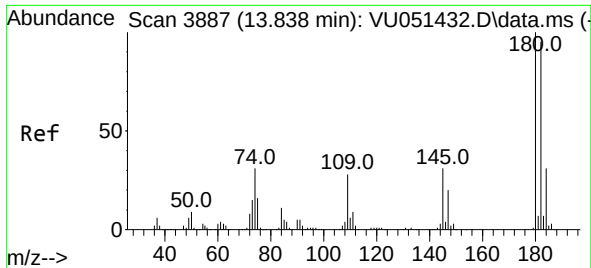


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.832 ug/l
RT: 12.996 min Scan# 3625
Delta R.T. 0.003 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07



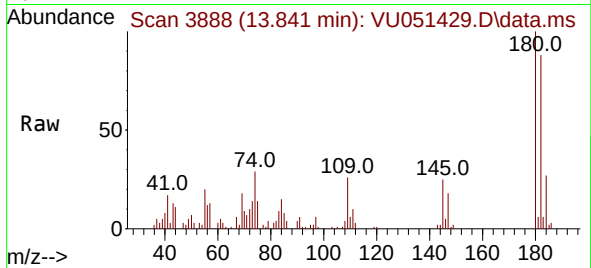
Tgt Ion: 75 Resp: 2401
Ion Ratio Lower Upper
75 100
155 71.2 58.5 87.7
157 100.8 75.3 112.9





#87
1,2,4-Trichlorobenzene
Concen: 0.930 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

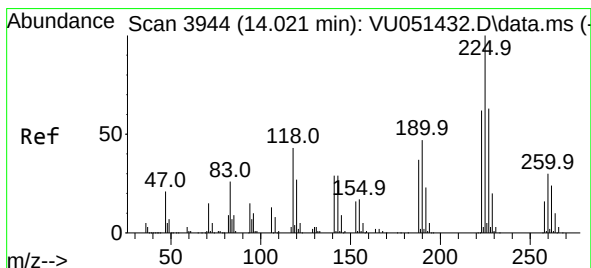
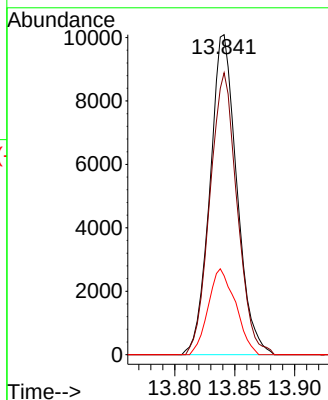
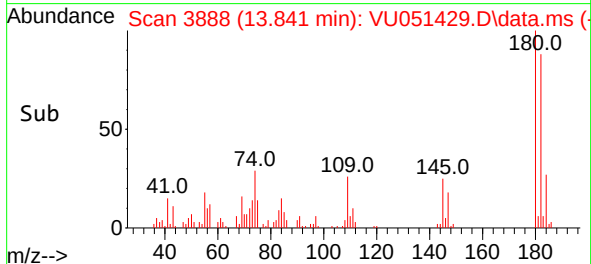
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



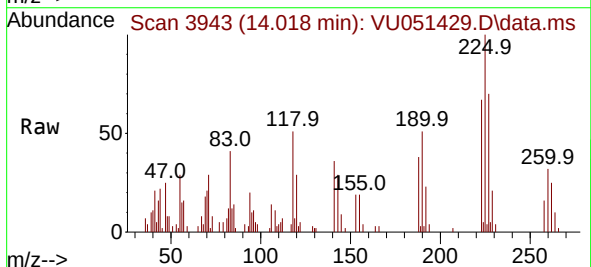
Tgt Ion:180 Resp: 15719
Ion Ratio Lower Upper
180 100
182 89.1 75.9 113.9
145 27.3 24.9 37.3

Manual Integrations
APPROVED

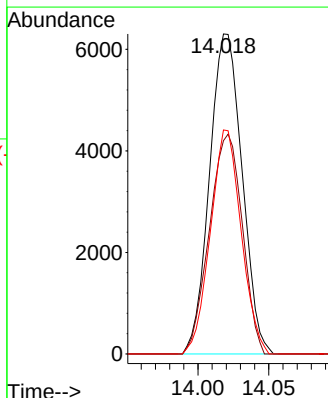
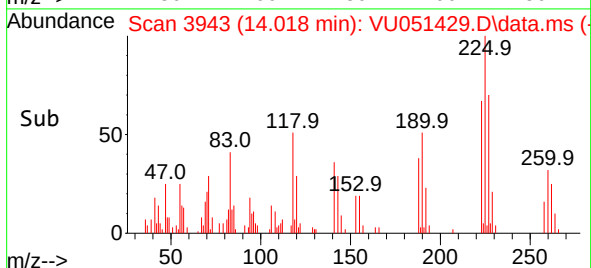
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022

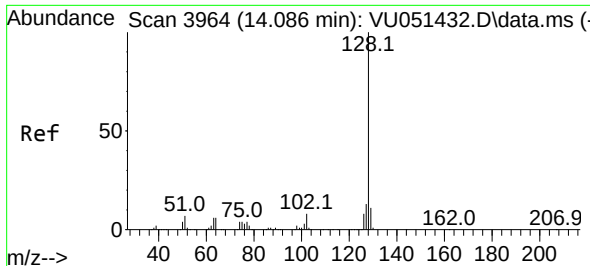


#88
Hexachlorobutadiene
Concen: 0.926 ug/l
RT: 14.018 min Scan# 3943
Delta R.T. -0.003 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07



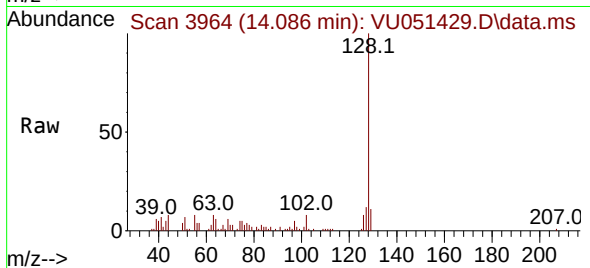
Tgt Ion:225 Resp: 10082
Ion Ratio Lower Upper
225 100
223 69.4 50.1 75.1
227 66.2 51.4 77.2





#89
Naphthalene
Concen: 0.944 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07

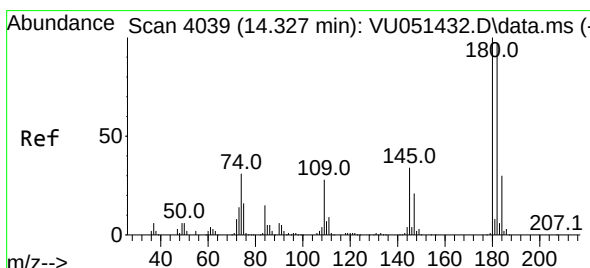
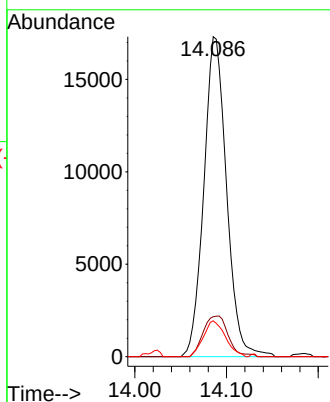
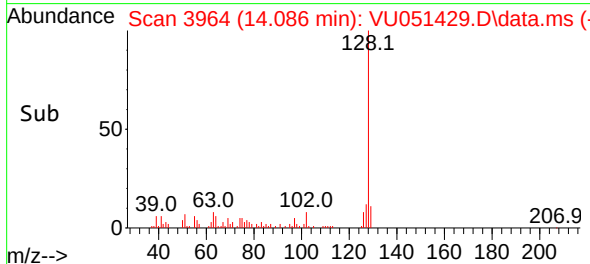
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



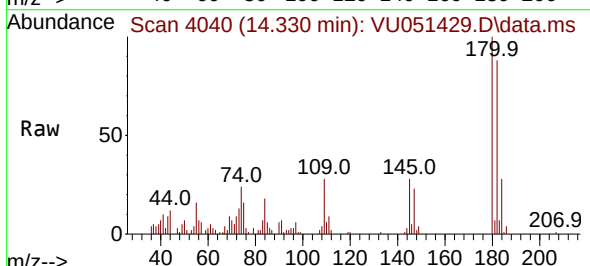
Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.7	16.1
129	10.9	8.4	12.6

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/21/2022



#90
1,2,3-Trichlorobenzene
Concen: 0.944 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051429.D
Acq: 17 Oct 2022 15:07



Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.2	75.8	113.6
145	31.0	26.6	39.8

