

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081922\
 Data File : VU050371.D
 Acq On : 19 Aug 2022 12:18
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/30/2022
 Supervised By :Mahesh Dadoda 09/09/2022

Quant Time: Aug 19 14:09:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Aug 19 14:03:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.099	96	35122	1.000	ug/l	#-0.01
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	10377	0.852	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.000%	
68) 1,2-Dichlorobenzene-d4	12.198	152	13458	0.984	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	13811	1.025	ug/l	100
3) Chloromethane	1.520	50	17744	1.076	ug/l	92
4) Vinyl Chloride	1.604	62	14926	1.031	ug/l	94
5) Bromomethane	1.858	94	6006	0.976	ug/l	93
6) Chloroethane	1.932	64	9049	1.005	ug/l	92
7) Trichlorofluoromethane	2.141	101	18677	1.100	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	10237	1.114	ug/l	95
9) 1,1-Dichloroethene	2.584	96	10354	1.073	ug/l	97
10) Iodomethane	2.723	142	7111	0.764	ug/l	96
11) Allyl Chloride	2.928	41	16200	1.026	ug/l	93
12) Acrylonitrile	3.330	53	6655m	2.104	ug/l	
13) Acetone	2.636	43	10753m	4.775	ug/l	
14) Carbon Disulfide	2.797	76	31909	0.977	ug/l	100
15) Methylene Chloride	3.047	84	14811	1.117	ug/l	93
16) trans-1,2-Dichloroethene	3.356	96	10779	1.026	ug/l	97
17) 1,1-Dichloroethane	3.874	63	22173	1.044	ug/l	97
18) 2-Butanone	4.742	43	15968	4.546	ug/l	99
19) Cyclohexane	5.356	56	17195m	1.363	ug/l	
20) Methylcyclohexane	6.771	83	10953	0.907	ug/l	93
21) 2,2-Dichloropropane	4.665	77	17634	1.119	ug/l	96
22) cis-1,2-Dichloroethene	4.671	96	12475	1.084	ug/l	95
23) Diethyl Ether	2.382	59	9107	1.049	ug/l	98
24) tert-Butyl Alcohol	3.215	59	11535m	9.380	ug/l	
25) Methyl tert-Butyl Ether	3.379	73	26918	0.988	ug/l	95
26) Bromochloromethane	4.973	128	5253	1.021	ug/l	96
27) Chloroform	5.083	83	22373	1.112	ug/l	93
28) 1,1,1-Trichloroethane	5.298	97	18276	1.137	ug/l	97
29) 1,1-Dichloropropene	5.501	75	14961	1.204	ug/l	95
30) Carbon Tetrachloride	5.494	117	14747	1.130	ug/l	95
31) Isopropyl Ether	4.018	45	33821	1.037	ug/l	95
32) Ethyl-t-butyl ether	4.530	59	26582	1.016	ug/l	98
33) Tert-Amyl methyl ether	5.951	73	16751	0.964	ug/l	94
34) Propionitrile	4.806	54	5334m	4.497	ug/l	
35) Benzene	5.745	78	44642	1.084	ug/l	96
36) 1,2-Dichloroethane	5.777	62	13365	1.037	ug/l	97
37) Trichloroethene	6.542	130	10197	1.020	ug/l	97
38) 1,2-Dichloropropane	6.816	63	10663	0.947	ug/l	# 87
39) Methacrylonitrile	4.986	41	4619	1.203	ug/l	91
40) Methyl acrylate	4.867	55	6182	0.920	ug/l	97
41) Tetrahydrofuran	5.086	42	3784	1.814	ug/l	92
42) 1-Chlorobutane	5.433	56	22098	1.247	ug/l	92
43) Dibromomethane	6.948	93	6032	0.971	ug/l	98
44) Bromodichloromethane	7.137	83	14478	1.000	ug/l	94

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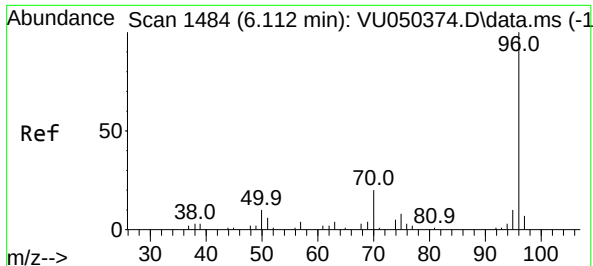
Manual Integrations
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Quant Time: Aug 19 14:09:30 2022
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.829	43	26609	4.009	ug/l	93
46) t-1,4-Dichloro-2-butene	10.832	75	5684m	2.452	ug/l	
47) Methyl methacrylate	7.005	69	6901	1.381	ug/l	94
48) Ethyl methacrylate	8.359	69	7087	0.806	ug/l	95
49) Toluene	7.986	92	19179	0.840	ug/l	95
50) t-1,3-Dichloropropene	8.230	75	9703	0.817	ug/l	92
51) cis-1,3-Dichloropropene	7.632	75	11956	0.880	ug/l	99
52) 1,1,2-Trichloroethane	8.420	97	8998	0.972	ug/l	91
53) 1,3-Dichloropropane	8.594	76	13266	0.919	ug/l	99
54) 2-Hexanone	8.713	43	18303	3.980	ug/l	90
55) Dibromochloromethane	8.825	129	9699	0.978	ug/l	98
56) 1,2-Dibromoethane	8.938	107	7896	0.973	ug/l	99
58) Tetrachloroethene	8.568	164	9636	1.030	ug/l	94
59) Chlorobenzene	9.459	112	22132	0.896	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.542	131	10339	1.011	ug/l	98
61) Pentachloroethane	11.430	117	8502	1.006	ug/l	88
62) Hexachloroethane	12.475	117	6887	1.035	ug/l	95
63) Ethyl Benzene	9.581	91	31025	0.796	ug/l	98
64) m/p-Xylenes	9.703	106	22741	1.501	ug/l	93
65) o-Xylene	10.108	106	11517	0.786	ug/l	97
66) Styrene	10.124	104	17764	0.735	ug/l	97
67) Bromoform	10.301	173	5213	0.905	ug/l	95
69) Isopropylbenzene	10.491	105	28819	0.768	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.787	83	12443	0.986	ug/l	99
71) 1,2,3-Trichloropropane	10.832	75	8547m	0.944	ug/l	
72) Bromobenzene	10.790	156	9763	0.933	ug/l	91
73) n-propylbenzene	10.912	120	7838	0.794	ug/l	88
74) 2-Chlorotoluene	10.989	126	7791	0.806	ug/l	90
75) 1,3,5-Trimethylbenzene	11.092	105	24244	0.740	ug/l	99
76) 4-Chlorotoluene	11.102	126	7733	0.798	ug/l	82
77) tert-Butylbenzene	11.423	119	27000	0.840	ug/l	95
78) 1,2,4-Trimethylbenzene	11.472	105	24828	0.735	ug/l	98
79) sec-Butylbenzene	11.645	105	32537	0.767	ug/l	98
80) Nitrobenzene	13.217	77	3860	5.061	ug/l #	89
81) p-Isopropyltoluene	11.796	119	25750	0.758	ug/l	99
82) 1,3-Dichlorobenzene	11.751	146	19504	0.916	ug/l	98
83) 1,4-Dichlorobenzene	11.841	146	19464	0.908	ug/l	97
84) n-Butylbenzene	12.211	91	25746	0.799	ug/l	95
85) 1,2-Dichlorobenzene	12.214	146	19595	0.921	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	13.002	75	2047	1.013	ug/l	92
87) 1,2,4-Trichlorobenzene	13.844	180	10867	0.876	ug/l	99
88) Hexachlorobutadiene	14.021	225	7695	1.049	ug/l	94
89) Naphthalene	14.092	128	22001	0.784	ug/l	99
90) 1,2,3-Trichlorobenzene	14.333	180	10918	0.855	ug/l	97

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



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.099 min Scan# 14
Delta R.T. -0.013 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

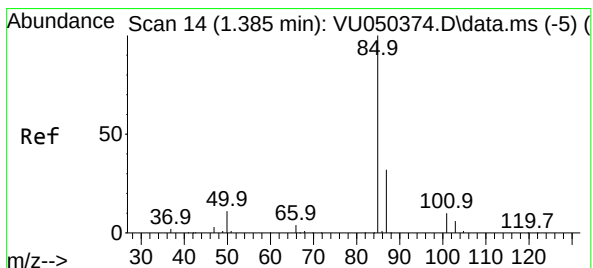
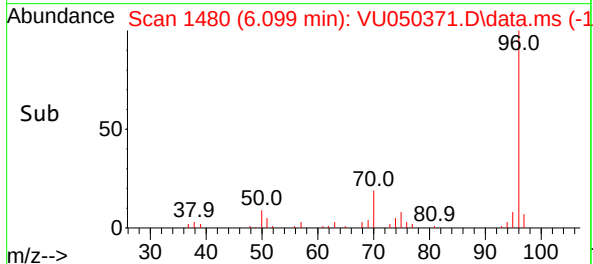
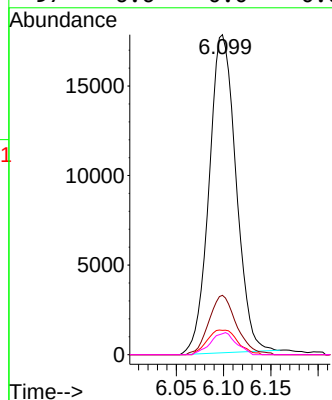
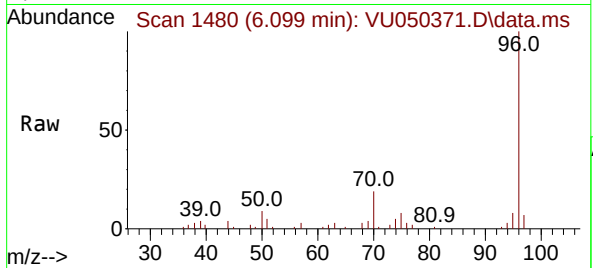
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 3512

Ion	Ratio	Lower	Upper
96	100		
70	19.1	16.7	25.1
95	8.7	7.4	11.0
97	6.6	0.0	0.0

Manual Integrations
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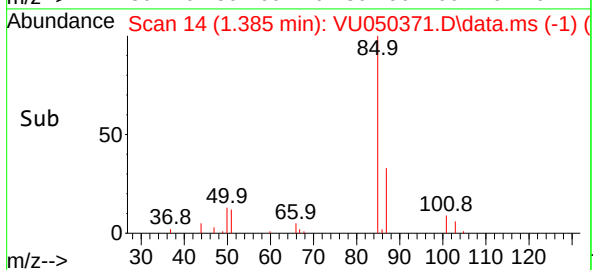
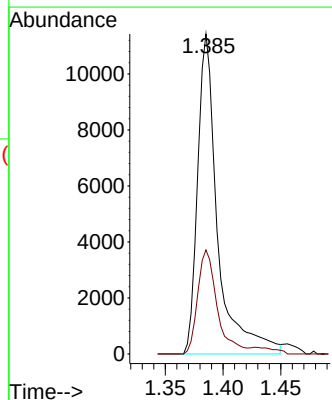
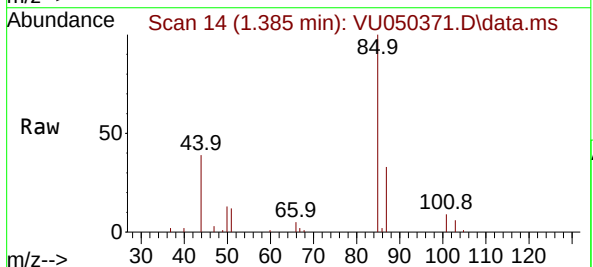
Reviewed By :Krupa Patel 08/30/2022
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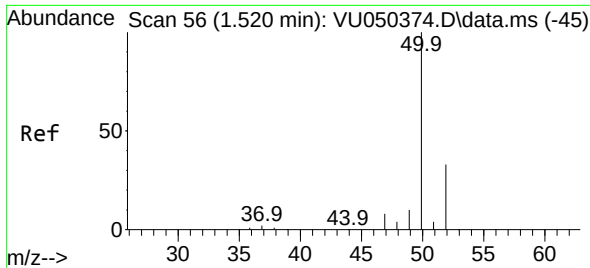


#2
Dichlorodifluoromethane
Concen: 1.025 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

Tgt Ion: 85 Resp: 13811

Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.3	48.8





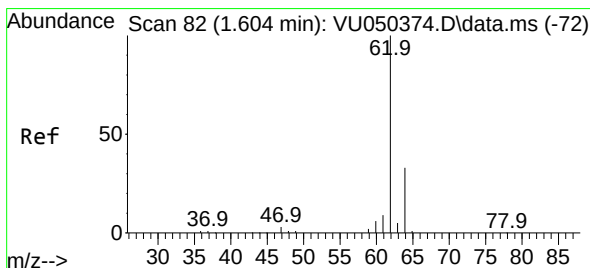
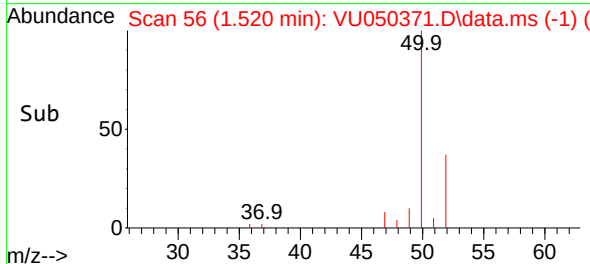
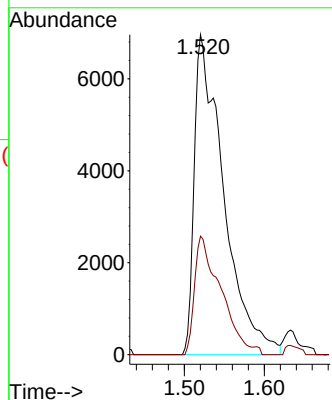
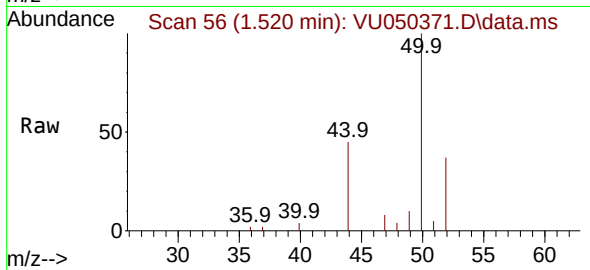
#3
Chloromethane
Concen: 1.076 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 17744
Ion Ratio Lower Upper
50 100
52 37.1 26.1 39.1

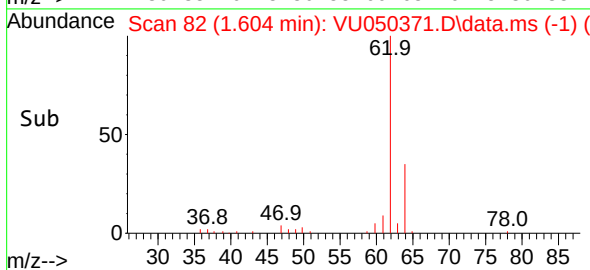
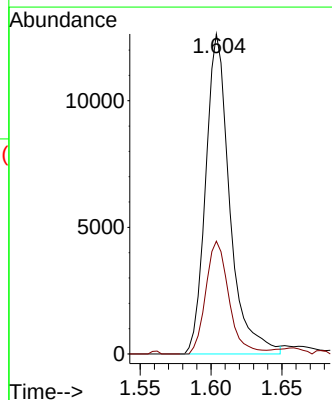
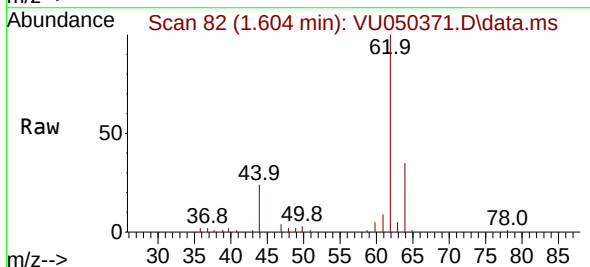
Manual Integrations
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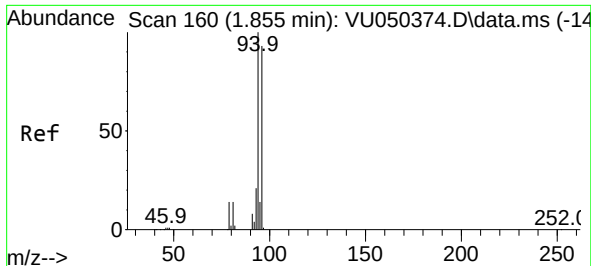
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#4
Vinyl Chloride
Concen: 1.031 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

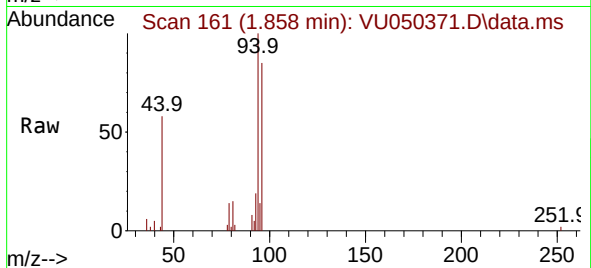
Tgt Ion: 62 Resp: 14926
Ion Ratio Lower Upper
62 100
64 35.2 25.5 38.3





#5
Bromomethane
Concen: 0.976 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.003 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

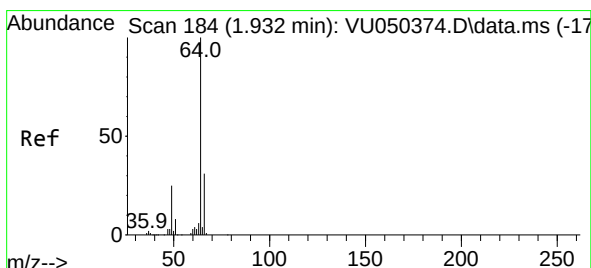
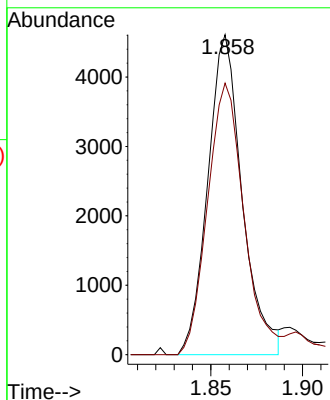
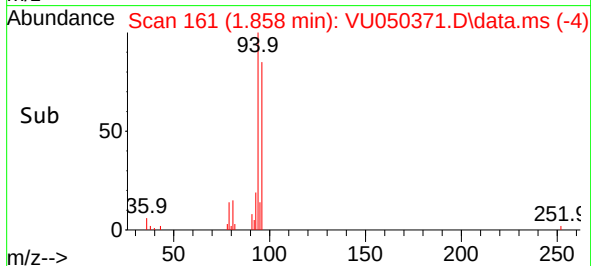
Instrument :
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Tgt Ion: 94 Resp: 6000
Ion Ratio Lower Upper
94 100
96 84.9 73.0 109.6

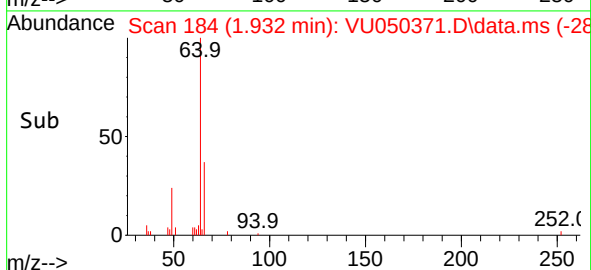
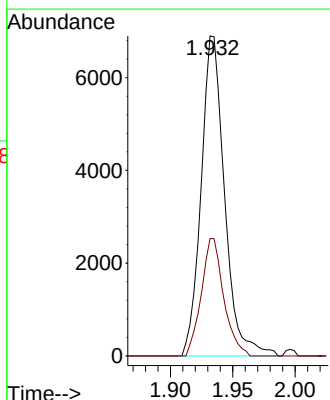
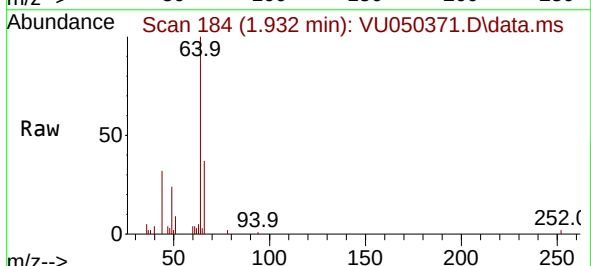
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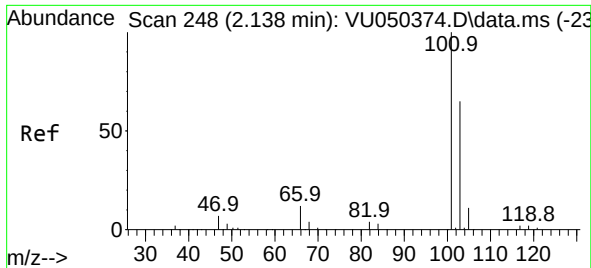
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#6
Chloroethane
Concen: 1.005 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

Tgt Ion: 64 Resp: 9049
Ion Ratio Lower Upper
64 100
66 36.7 25.8 38.6





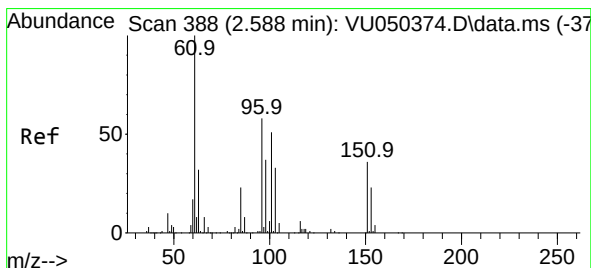
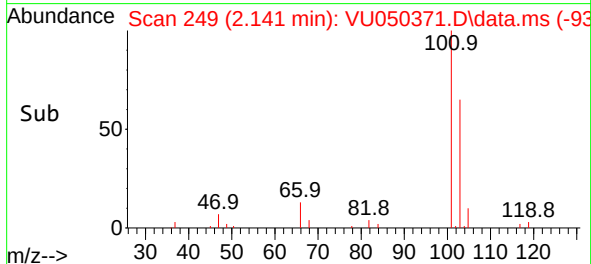
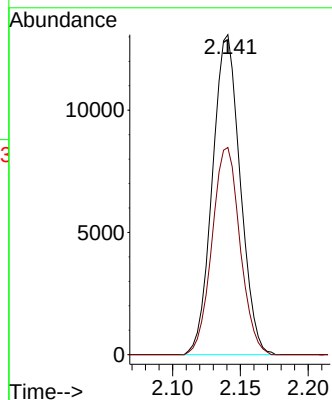
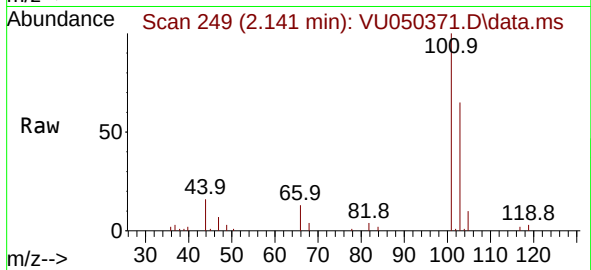
#7
 Trichlorofluoromethane
 Concen: 1.100 ug/l
 RT: 2.141 min Scan# 248
 Delta R.T. 0.003 min
 Lab File: VU050371.D
 Acq: 19 Aug 2022 12:18

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tgt Ion:101 Resp: 1867
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.8 77.6

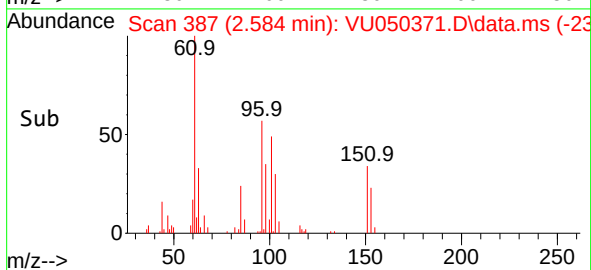
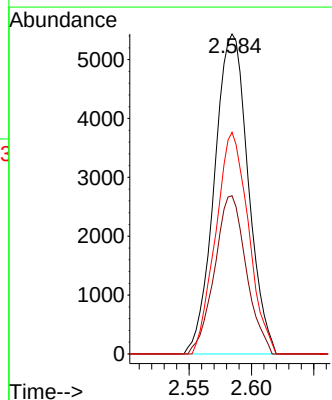
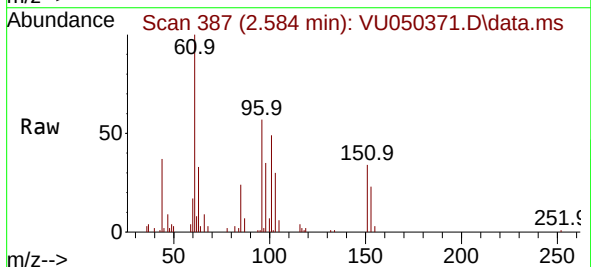
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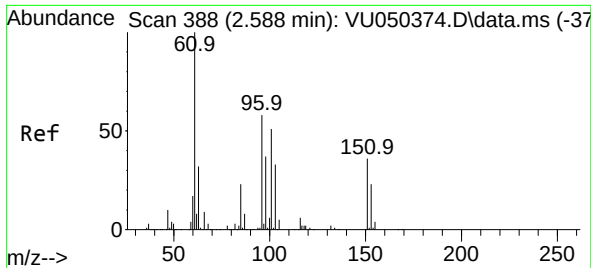
Reviewed By :Krupa Patel 08/30/2022
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#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.114 ug/l
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU050371.D
 Acq: 19 Aug 2022 12:18

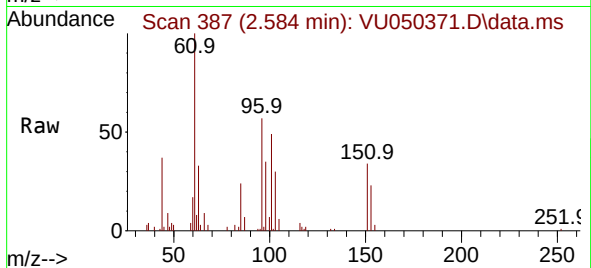
Tgt Ion:101 Resp: 10237
 Ion Ratio Lower Upper
 101 100
 85 46.5 36.4 54.6
 151 67.2 59.1 88.7





#9
1,1-Dichloroethene
Concen: 1.073 ug/l
RT: 2.584 min Scan# 388
Delta R.T. -0.003 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

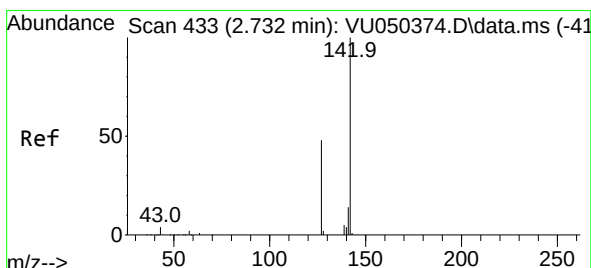
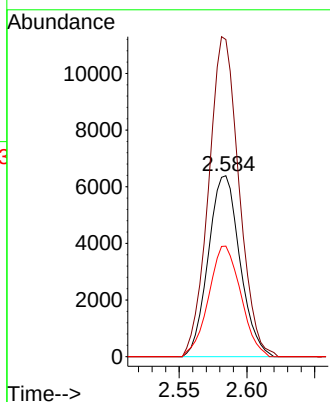
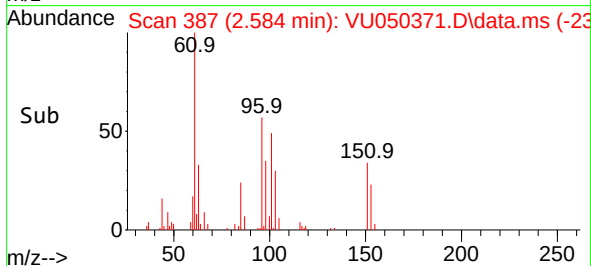
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 10354
Ion Ratio Lower Upper
96 100
61 175.2 0.0 510.6
98 61.1 0.0 124.6

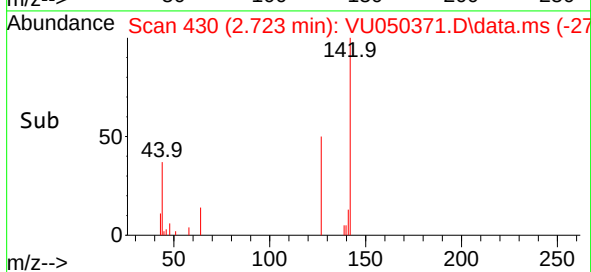
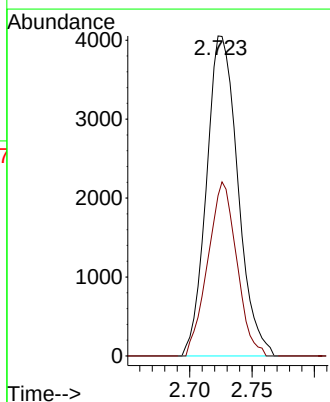
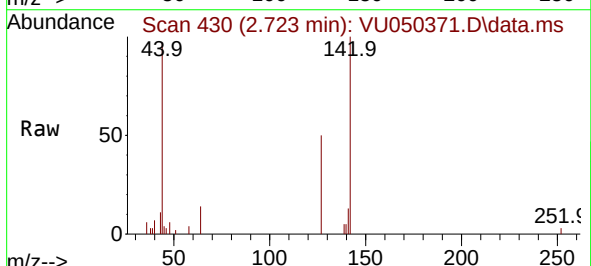
Manual Integrations
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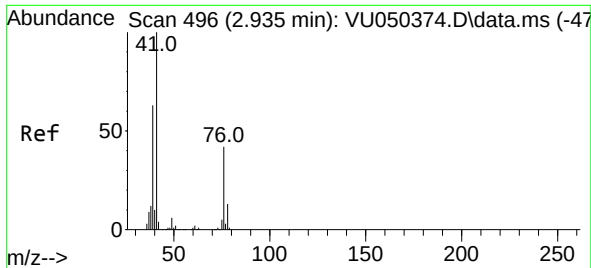
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#10
Iodomethane
Concen: 0.764 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.010 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

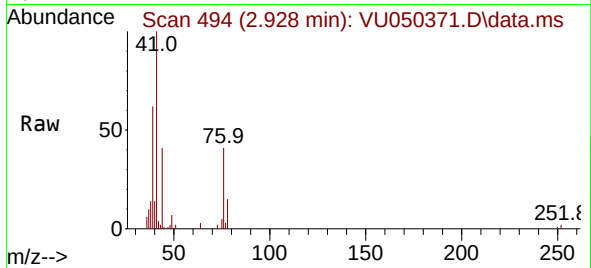
Tgt Ion:142 Resp: 7111
Ion Ratio Lower Upper
142 100
127 50.1 38.2 57.2





#11
 Allyl Chloride
 Concen: 1.026 ug/l
 RT: 2.928 min Scan# 496
 Delta R.T. -0.006 min
 Lab File: VU050371.D
 Acq: 19 Aug 2022 12:18

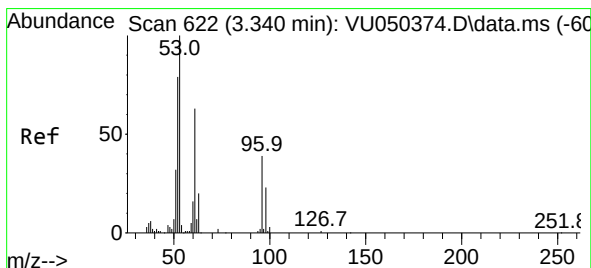
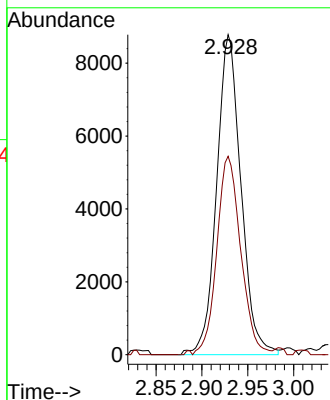
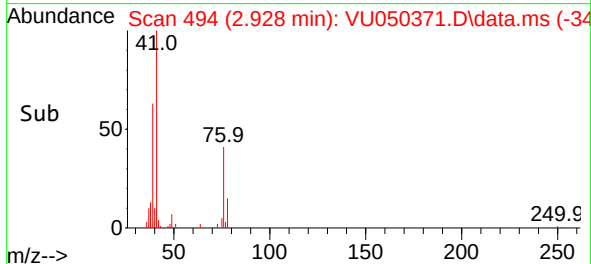
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001



Tgt Ion: 41 Resp: 16200
 Ion Ratio Lower Upper
 41 100
 39 60.9 53.2 79.8

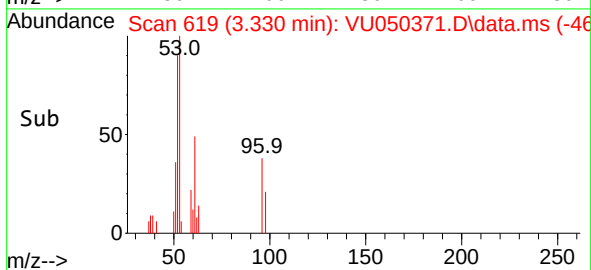
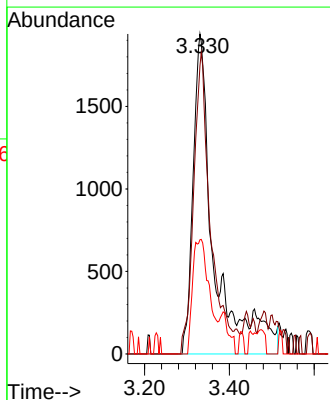
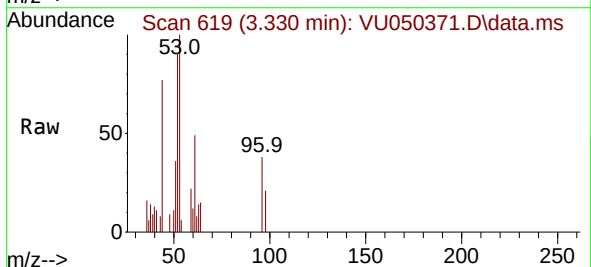
Manual Integrations
 APPROVED

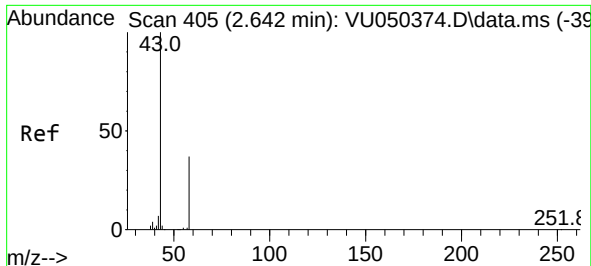
Reviewed By :Krupa Patel 08/30/2022
 Supervised By :Mahesh Dadoda 09/09/2022



#12
 Acrylonitrile
 Concen: 2.104 ug/l m
 RT: 3.330 min Scan# 619
 Delta R.T. -0.010 min
 Lab File: VU050371.D
 Acq: 19 Aug 2022 12:18

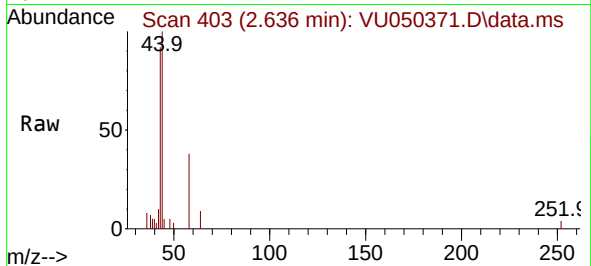
Tgt Ion: 53 Resp: 6655
 Ion Ratio Lower Upper
 53 100
 52 74.5 64.6 97.0
 51 28.3 30.7 46.1#





#13
Acetone
Concen: 4.775 ug/l m
RT: 2.636 min Scan# 405
Delta R.T. -0.006 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

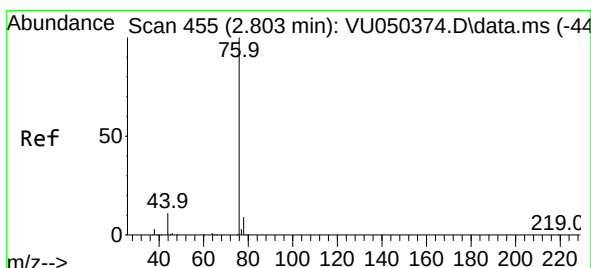
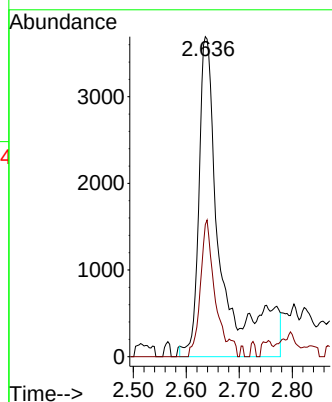
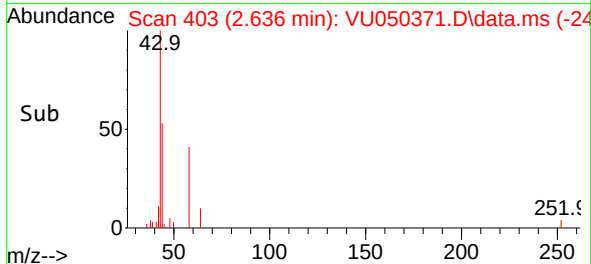
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 1075
Ion Ratio Lower Upper
43 100
58 41.3 26.2 39.2

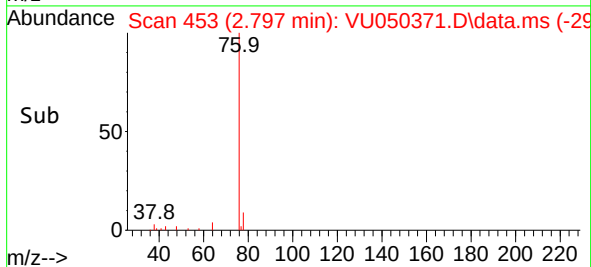
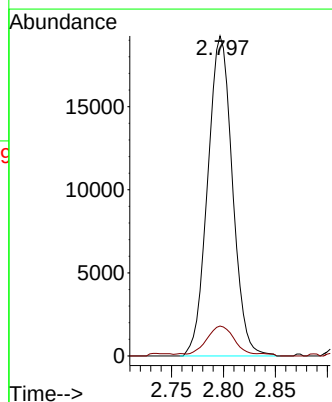
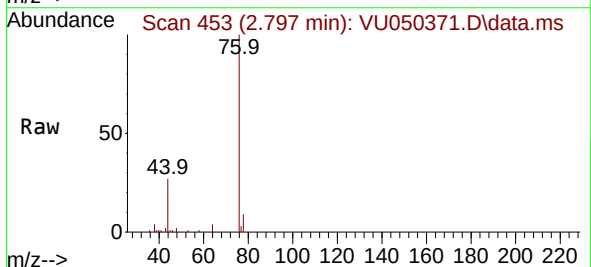
Manual Integrations
APPROVED

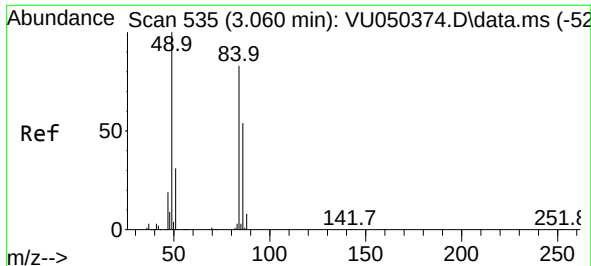
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#14
Carbon Disulfide
Concen: 0.977 ug/l
RT: 2.797 min Scan# 453
Delta R.T. -0.006 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

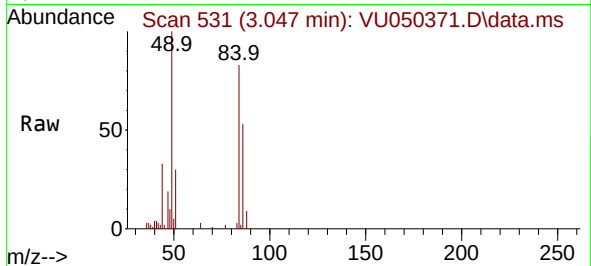
Tgt Ion: 76 Resp: 31909
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0





#15
Methylene Chloride
Concen: 1.117 ug/l
RT: 3.047 min Scan# 511
Delta R.T. -0.013 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

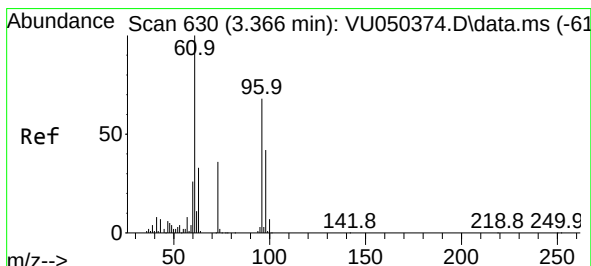
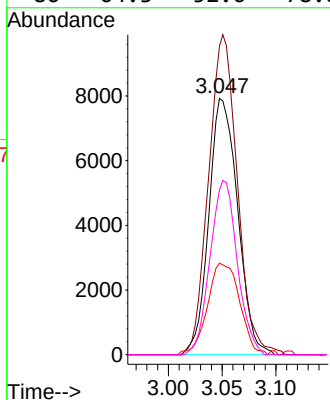
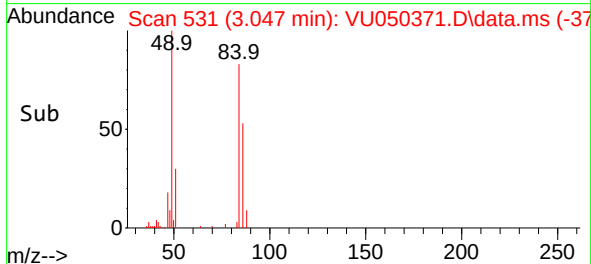
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion:	84	Resp:	1481
Ion	Ratio	Lower	Upper
84	100		
49	120.4	104.6	157.0
51	35.7	0.0	81.4
86	64.3	52.6	78.8

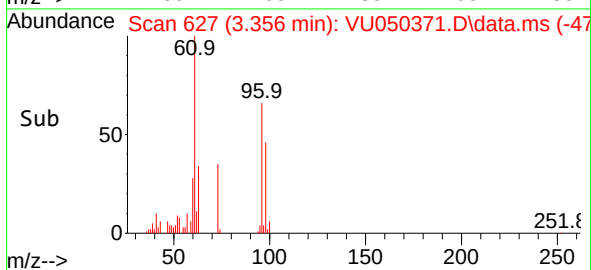
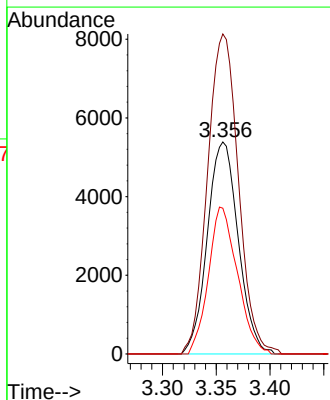
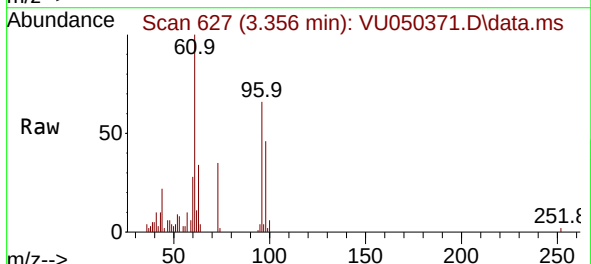
Manual Integrations
APPROVED

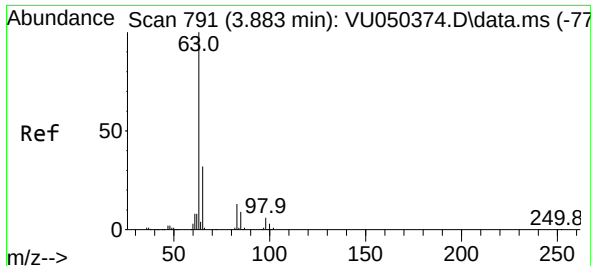
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#16
trans-1,2-Dichloroethene
Concen: 1.026 ug/l
RT: 3.356 min Scan# 627
Delta R.T. -0.010 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

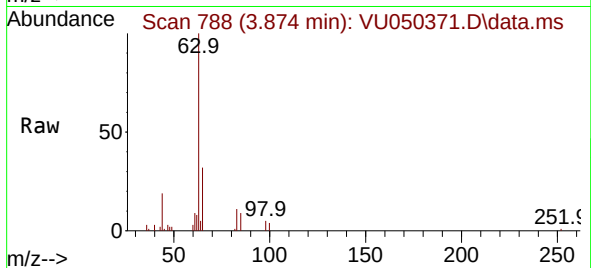
Tgt Ion:	96	Resp:	10779
Ion	Ratio	Lower	Upper
96	100		
61	150.9	123.4	185.0
98	68.8	51.6	77.4





#17
1,1-Dichloroethane
Concen: 1.044 ug/l
RT: 3.874 min Scan# 791
Delta R.T. -0.010 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

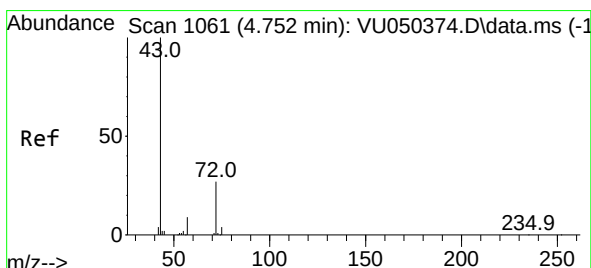
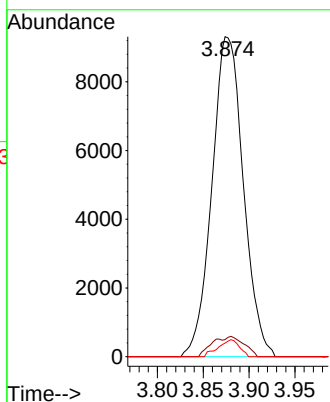
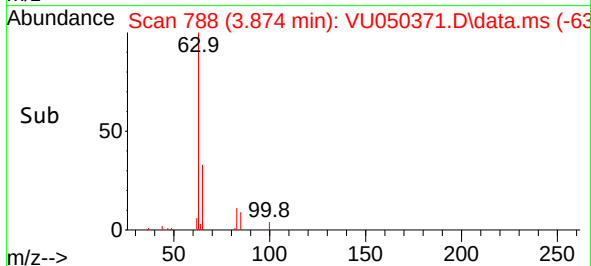
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 63 Resp: 2217
Ion Ratio Lower Upper
63 100
98 5.4 3.4 10.2
100 4.3 2.0 6.0

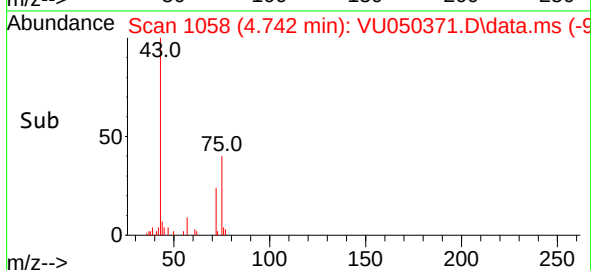
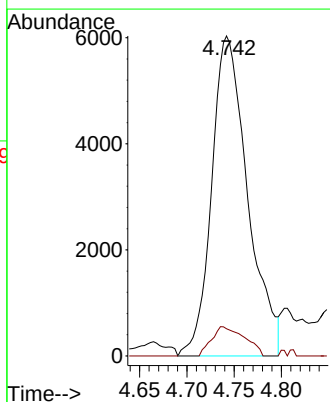
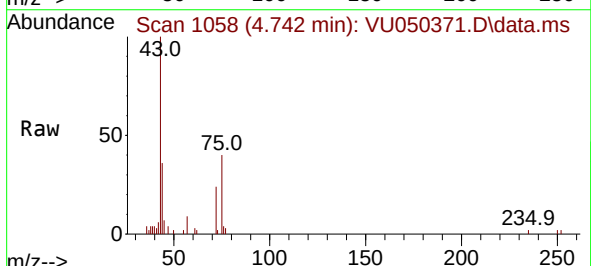
Manual Integrations
APPROVED

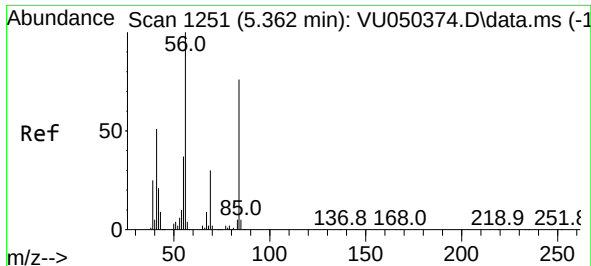
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#18
2-Butanone
Concen: 4.546 ug/l
RT: 4.742 min Scan# 1058
Delta R.T. -0.010 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

Tgt Ion: 43 Resp: 15968
Ion Ratio Lower Upper
43 100
57 8.5 0.0 18.0





#19

Cyclohexane

Concen: 1.363 ug/l m

RT: 5.356 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU050371.D

Acq: 19 Aug 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

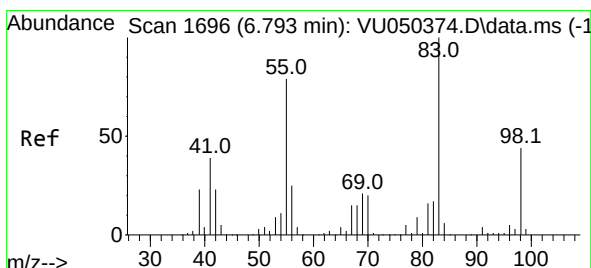
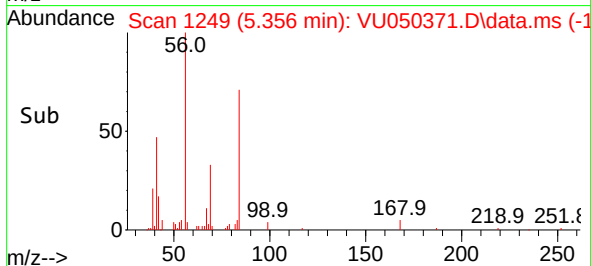
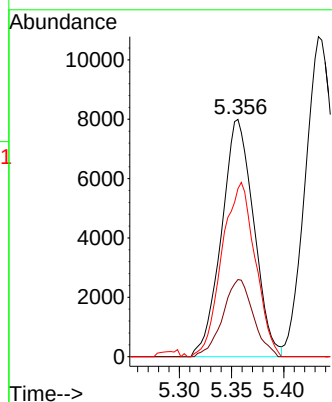
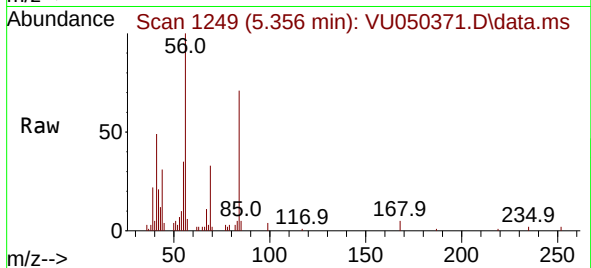
Tgt Ion:	56	Resp:	1719
Ion Ratio	Lower	Upper	
56	100		
69	30.7	24.2	36.4
84	75.7	63.4	95.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#20

Methylcyclohexane

Concen: 0.907 ug/l

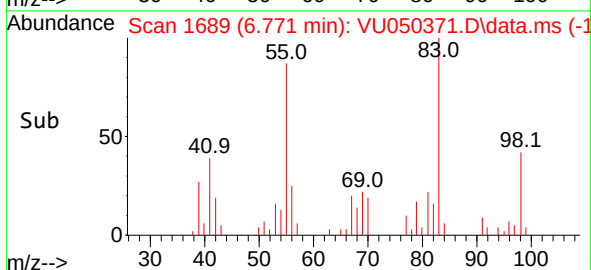
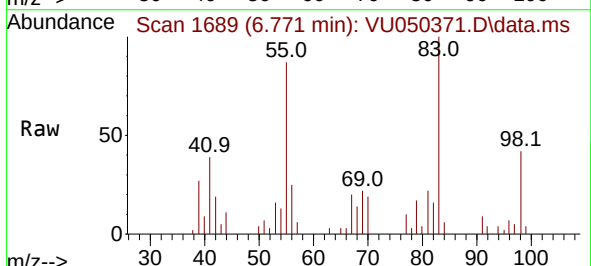
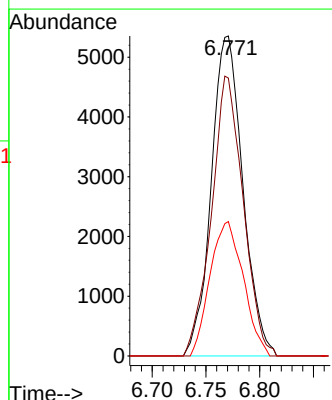
RT: 6.771 min Scan# 1689

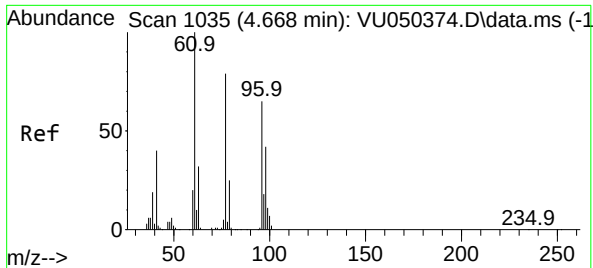
Delta R.T. -0.023 min

Lab File: VU050371.D

Acq: 19 Aug 2022 12:18

Tgt Ion:	83	Resp:	10953
Ion Ratio	Lower	Upper	
83	100		
55	87.7	63.0	94.4
98	44.2	35.7	53.5





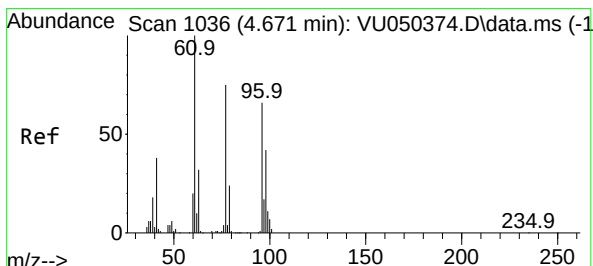
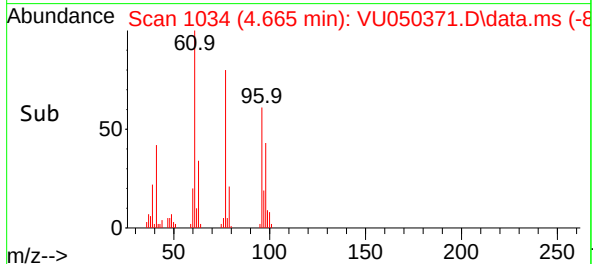
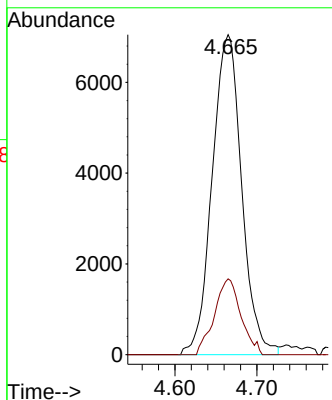
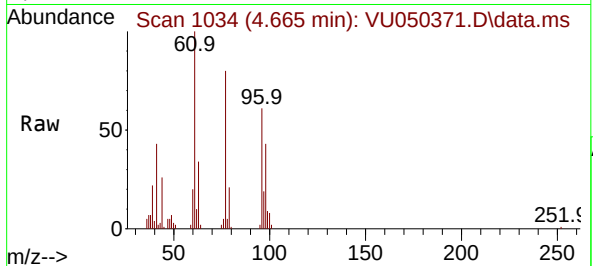
#21
2,2-Dichloropropane
Concen: 1.119 ug/l
RT: 4.665 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 77 Resp: 17634
Ion Ratio Lower Upper
77 100
97 21.3 18.5 27.7

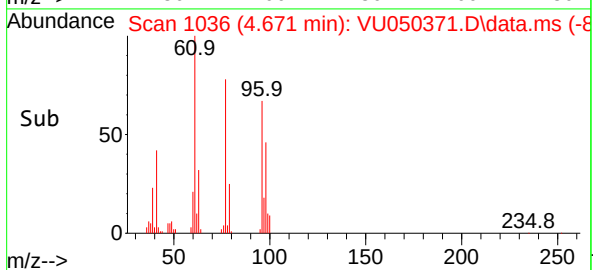
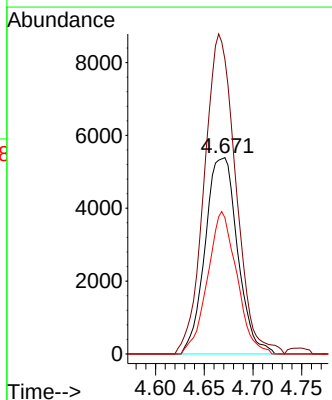
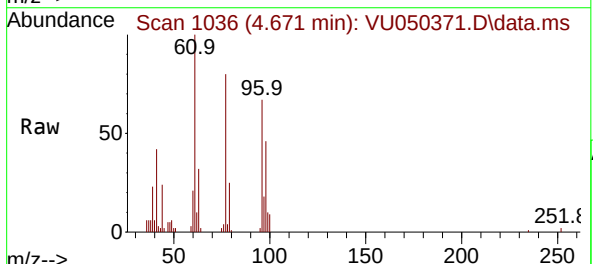
Manual Integrations
APPROVED

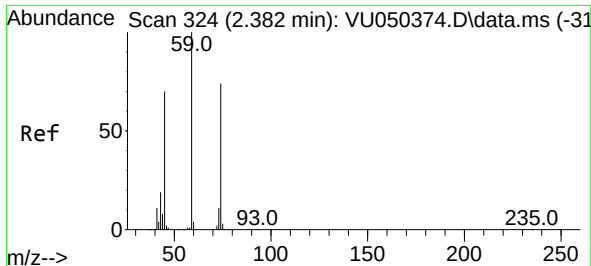
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#22
cis-1,2-Dichloroethene
Concen: 1.084 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

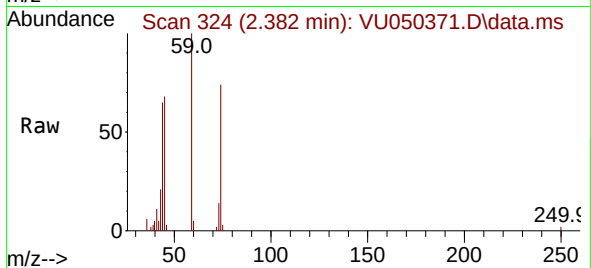
Tgt Ion: 96 Resp: 12475
Ion Ratio Lower Upper
96 100
61 158.3 0.0 375.8
98 65.6 31.6 95.0





#23
Diethyl Ether
Concen: 1.049 ug/l
RT: 2.382 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

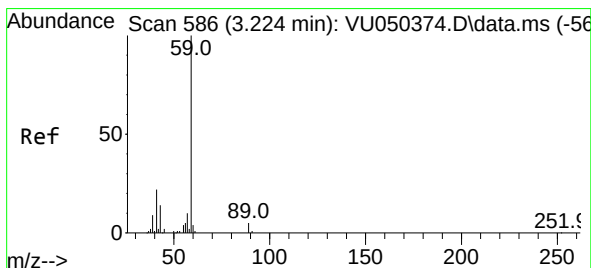
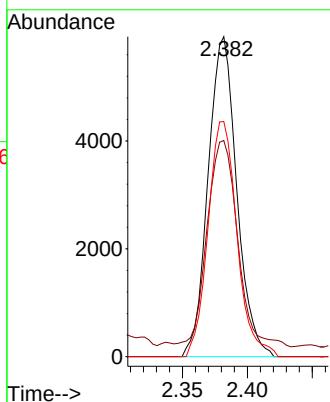
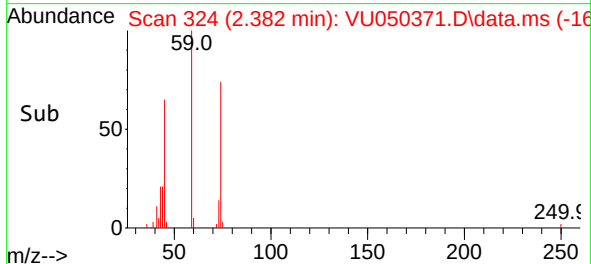
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 59 Resp: 910
Ion Ratio Lower Upper
59 100
45 71.1 56.0 84.0
74 74.2 57.6 86.4

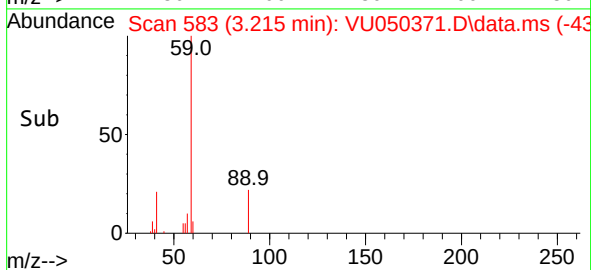
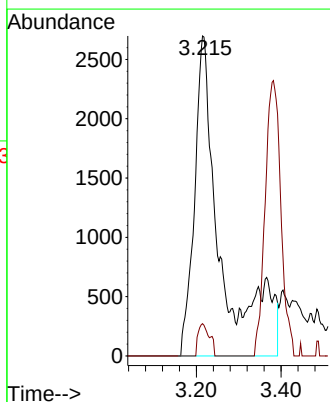
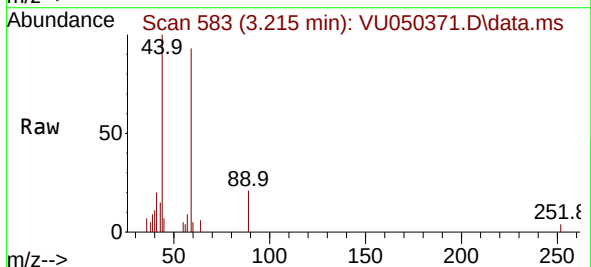
Manual Integrations
APPROVED

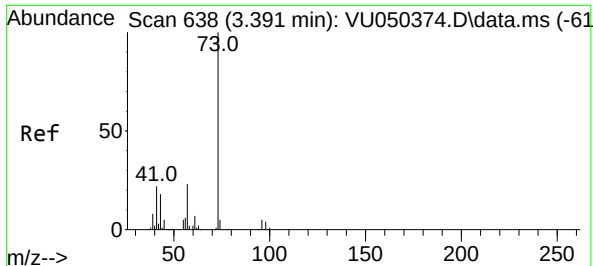
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#24
tert-Butyl Alcohol
Concen: 9.380 ug/l m
RT: 3.215 min Scan# 583
Delta R.T. -0.010 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

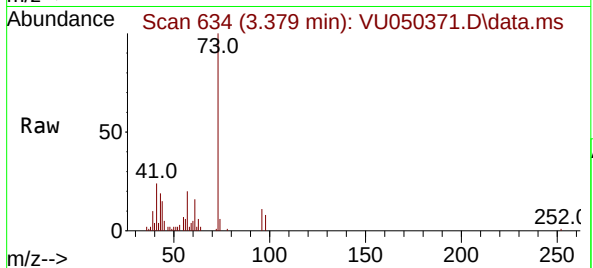
Tgt Ion: 59 Resp: 11535
Ion Ratio Lower Upper
59 100
57 4.4 8.2 12.2#





#25
Methyl tert-Butyl Ether
Concen: 0.988 ug/l
RT: 3.379 min Scan# 61
Delta R.T. -0.013 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

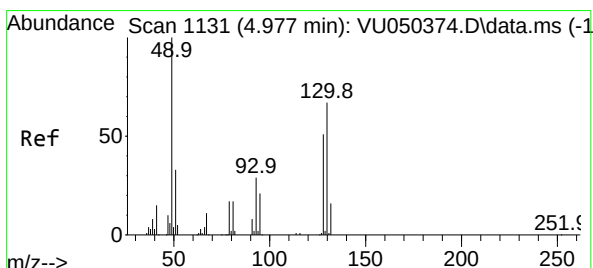
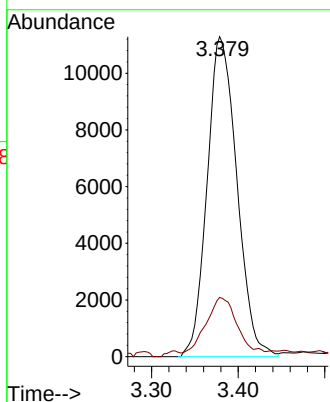
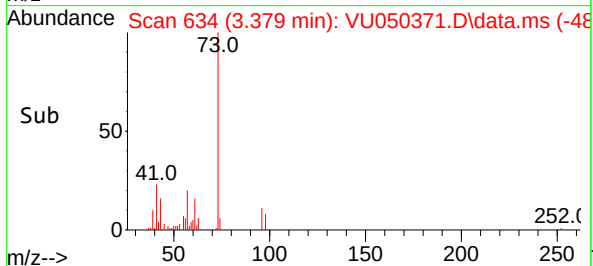
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion: 73 Resp: 26918
Ion Ratio Lower Upper
73 100
43 17.7 15.9 23.9

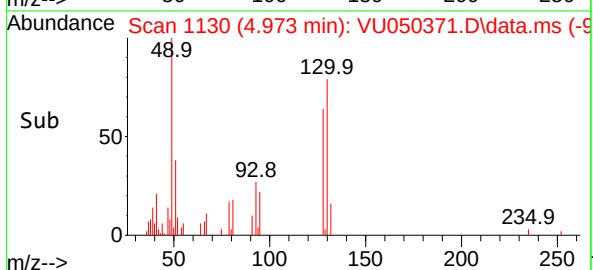
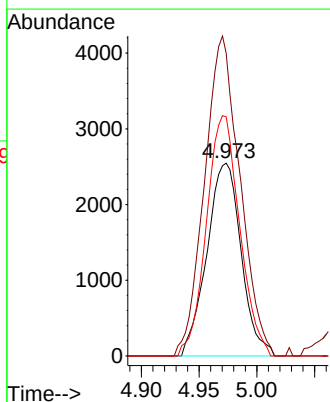
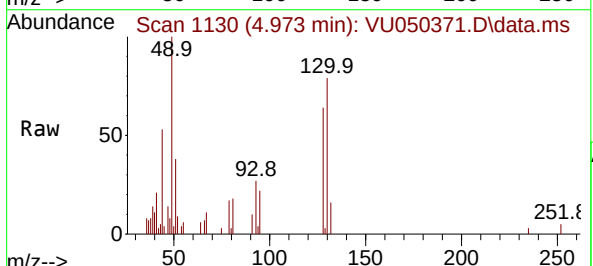
Manual Integrations
APPROVED

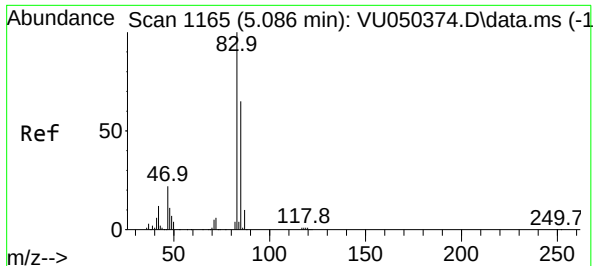
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#26
Bromochloromethane
Concen: 1.021 ug/l
RT: 4.973 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

Tgt Ion:128 Resp: 5253
Ion Ratio Lower Upper
128 100
49 171.8 0.0 349.2
130 121.3 103.0 154.6





#27

Chloroform

Concen: 1.112 ug/l

RT: 5.083 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU050371.D

Acq: 19 Aug 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tgt Ion: 83 Resp: 2237

Ion Ratio Lower Upper

83 100

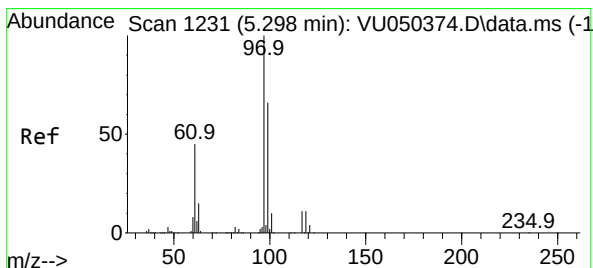
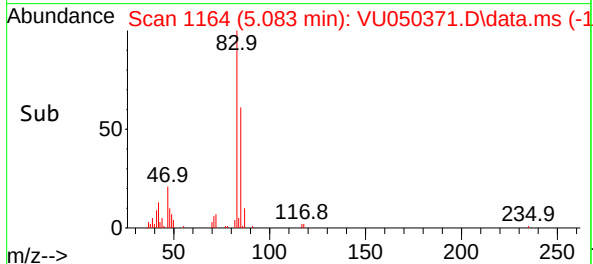
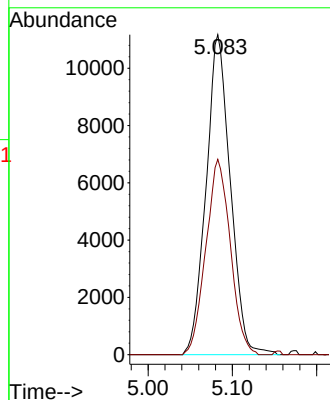
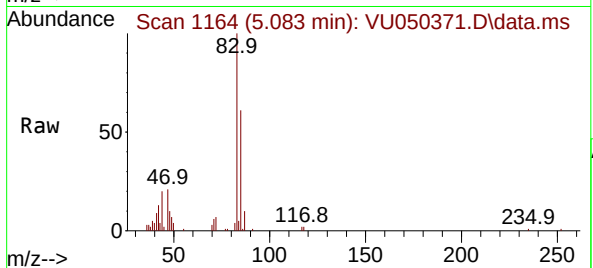
85 61.1 0.0 133.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#28

1,1,1-Trichloroethane

Concen: 1.137 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VU050371.D

Acq: 19 Aug 2022 12:18

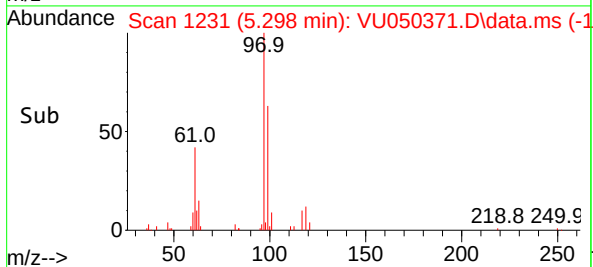
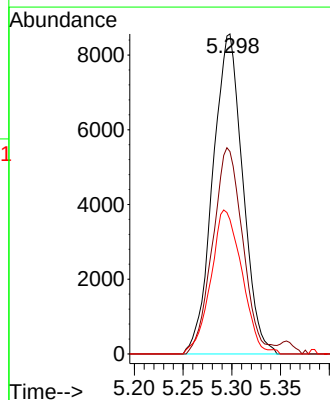
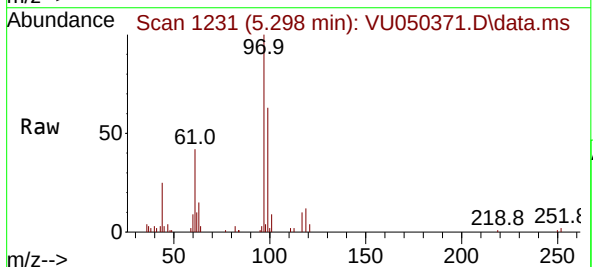
Tgt Ion: 97 Resp: 18276

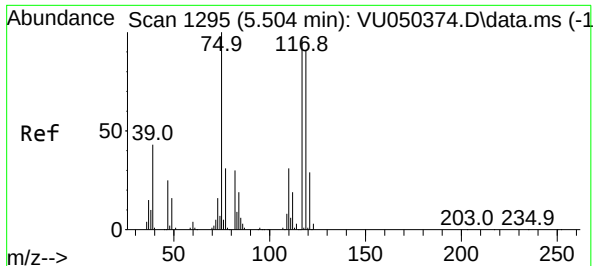
Ion Ratio Lower Upper

97 100

99 65.3 32.1 96.5

61 46.9 21.8 65.4





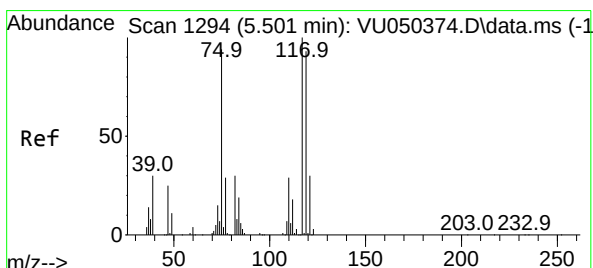
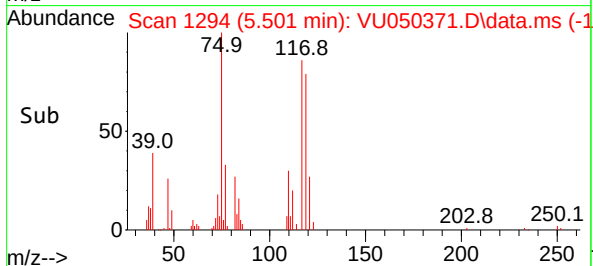
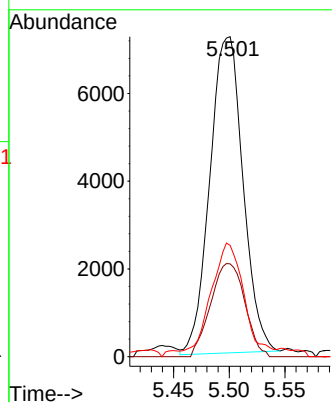
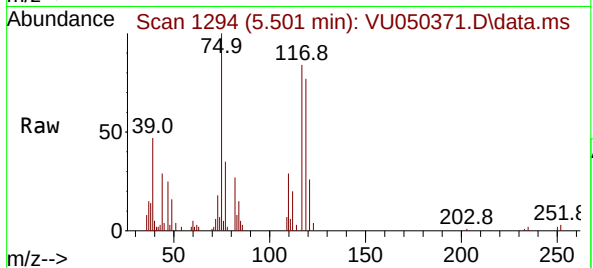
#29
1,1-Dichloropropene
Concen: 1.204 ug/l
RT: 5.501 min Scan# 1196
Delta R.T. -0.003 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

Instrument : MSVOA_U
ClientSampleId : VSTDIC001

Tgt Ion: 75 Resp: 1496
Ion Ratio Lower Upper
75 100
110 30.2 17.3 52.0
77 32.0 24.6 37.0

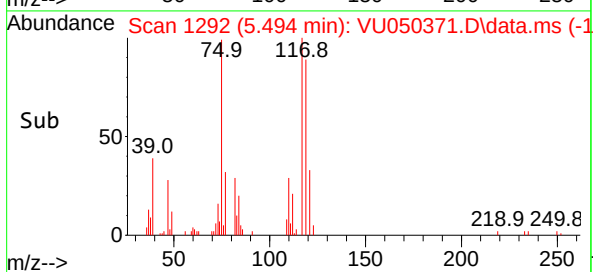
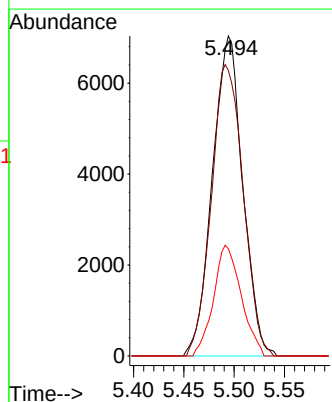
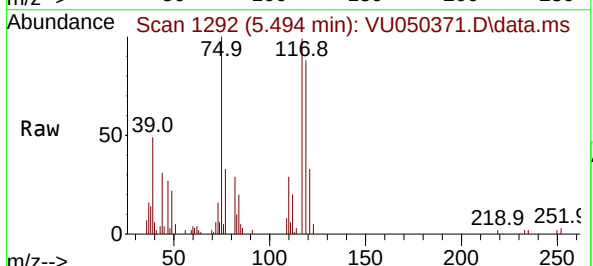
Manual Integrations
APPROVED

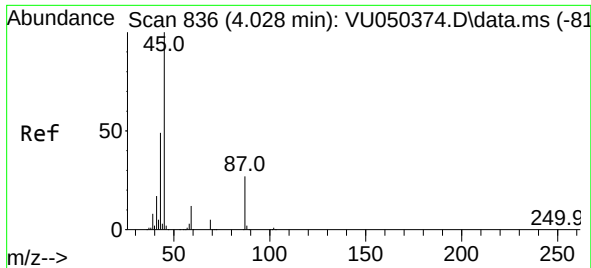
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#30
Carbon Tetrachloride
Concen: 1.130 ug/l
RT: 5.494 min Scan# 1292
Delta R.T. -0.006 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

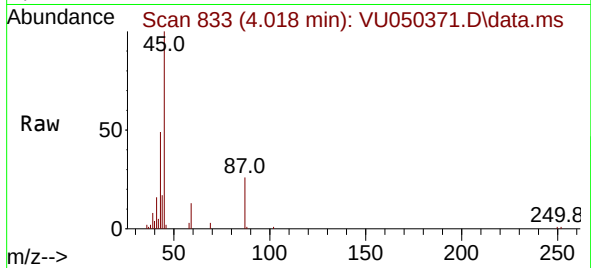
Tgt Ion:117 Resp: 14747
Ion Ratio Lower Upper
117 100
119 89.3 74.6 112.0
121 33.5 24.2 36.4





#31
Isopropyl Ether
Concen: 1.037 ug/l
RT: 4.018 min Scan# 81
Delta R.T. -0.010 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

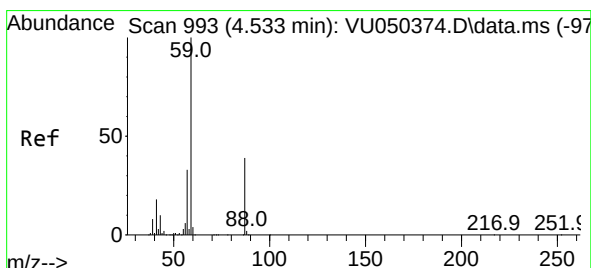
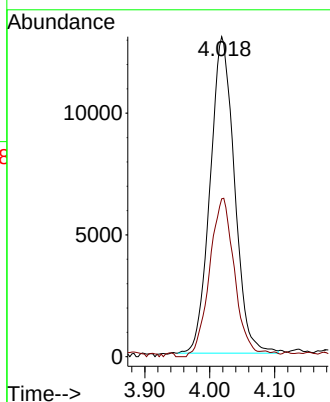
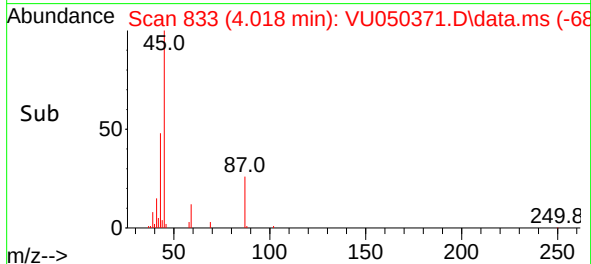
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



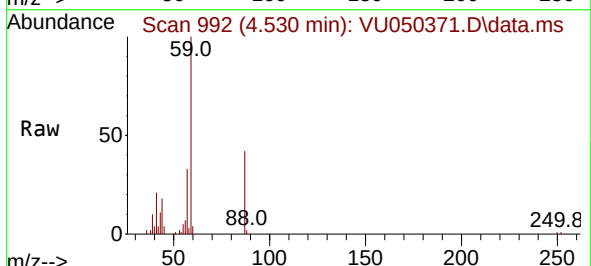
Tgt Ion: 45 Resp: 3382
Ion Ratio Lower Upper
45 100
43 51.1 23.8 71.2

Manual Integrations
APPROVED

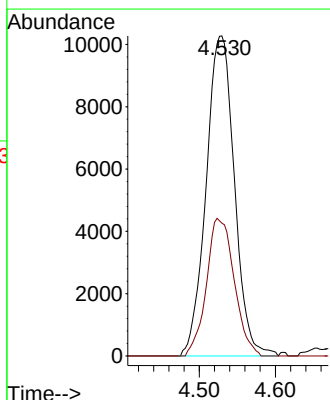
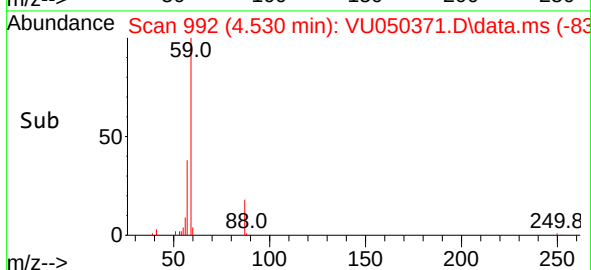
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

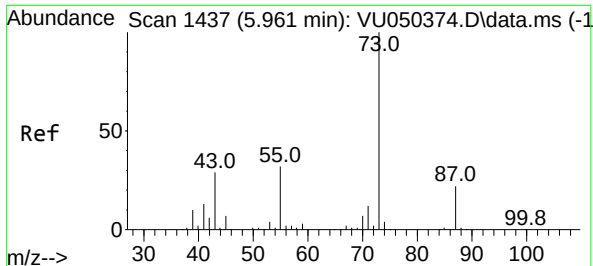


#32
Ethyl-t-butyl ether
Concen: 1.016 ug/l
RT: 4.530 min Scan# 992
Delta R.T. -0.003 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18



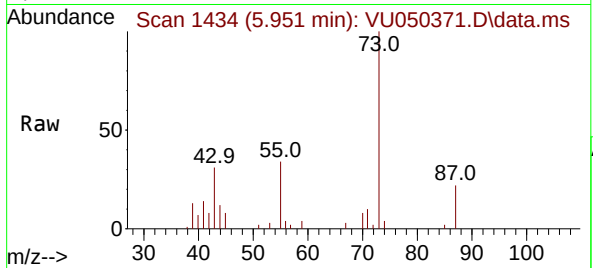
Tgt Ion: 59 Resp: 26582
Ion Ratio Lower Upper
59 100
87 42.1 32.5 48.7





#33
Tert-Amyl methyl ether
Concen: 0.964 ug/l
RT: 5.951 min Scan# 1437
Delta R.T. -0.010 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

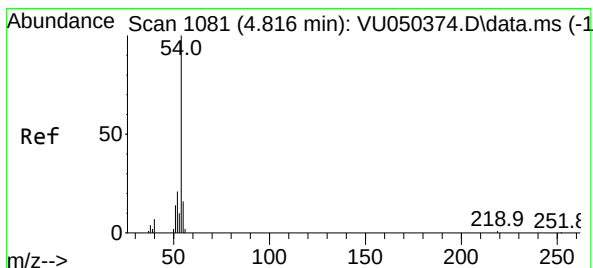
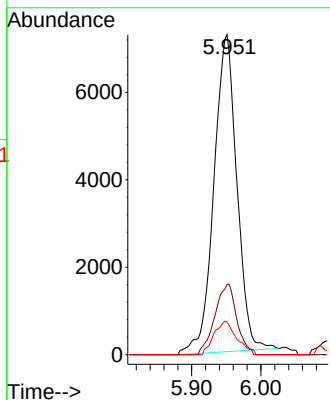
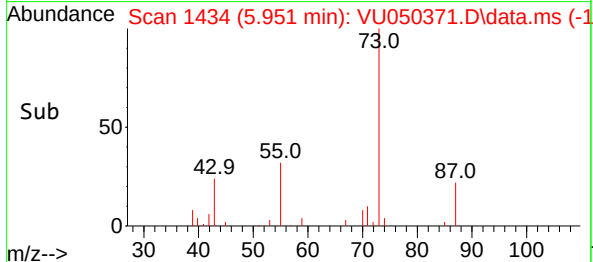
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 73 Resp: 1675
Ion Ratio Lower Upper
73 100
87 21.0 19.7 29.5
71 10.4 9.0 13.4

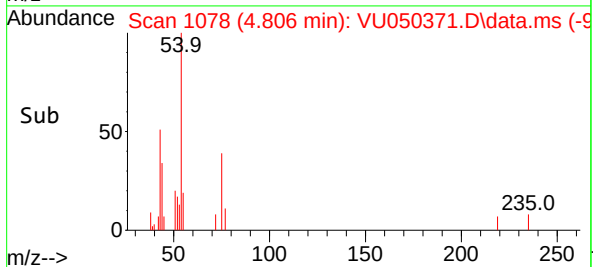
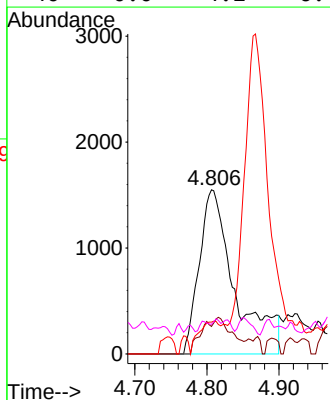
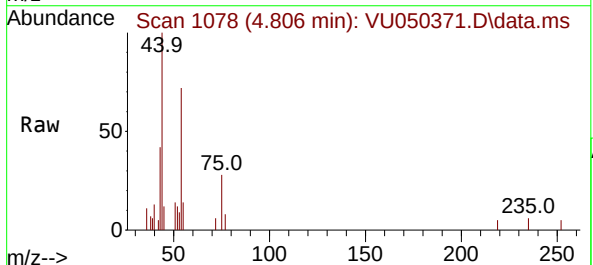
Manual Integrations
APPROVED

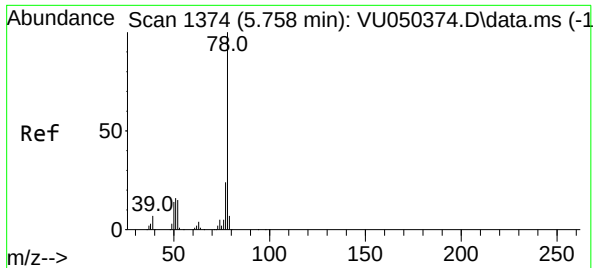
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#34
Propionitrile
Concen: 4.497 ug/l m
RT: 4.806 min Scan# 1078
Delta R.T. -0.010 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

Tgt Ion: 54 Resp: 5334
Ion Ratio Lower Upper
54 100
52 7.3 15.0 22.6#
55 11.7 12.6 19.0#
40 0.0 4.2 6.4#





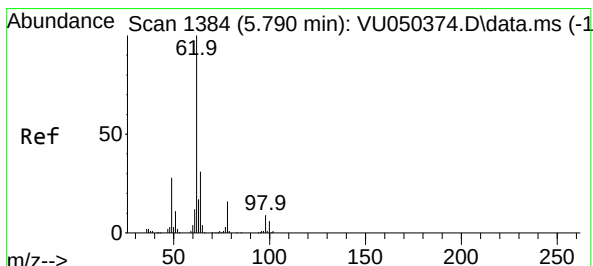
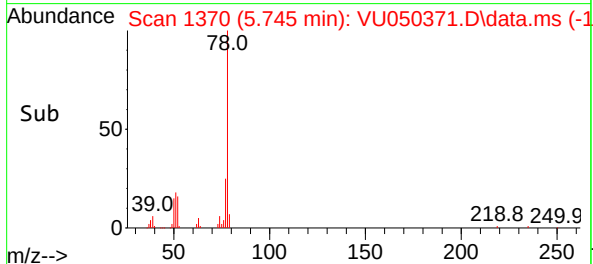
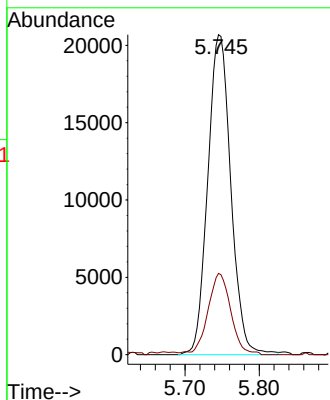
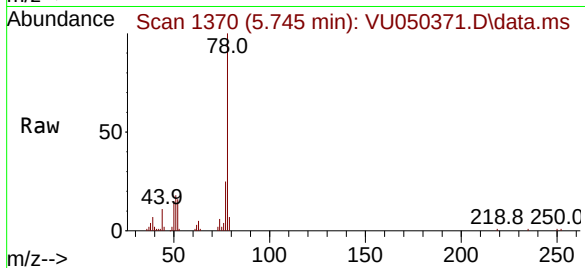
#35
Benzene
Concen: 1.084 ug/l
RT: 5.745 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion: 78 Resp: 4464
Ion Ratio Lower Upper
78 100
77 25.4 18.6 28.0

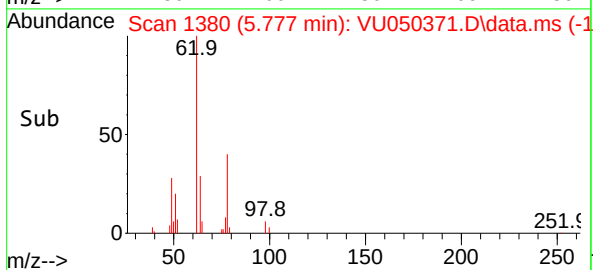
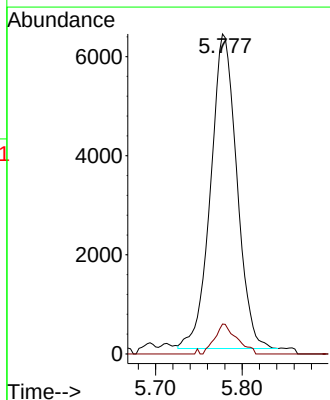
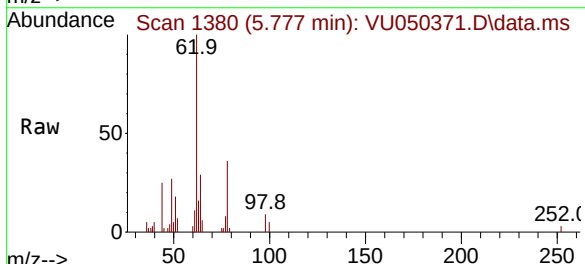
Manual Integrations
APPROVED

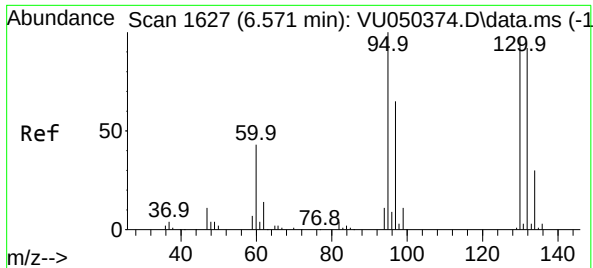
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#36
1,2-Dichloroethane
Concen: 1.037 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.013 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

Tgt Ion: 62 Resp: 13365
Ion Ratio Lower Upper
62 100
98 8.0 7.4 11.0





#37
Trichloroethene
Concen: 1.020 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.029 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

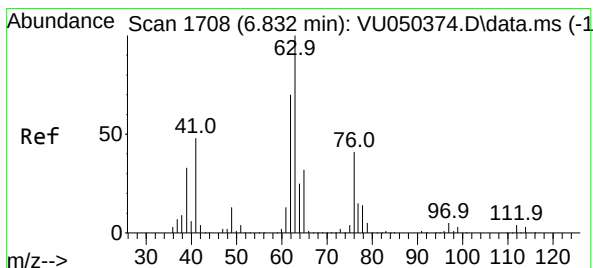
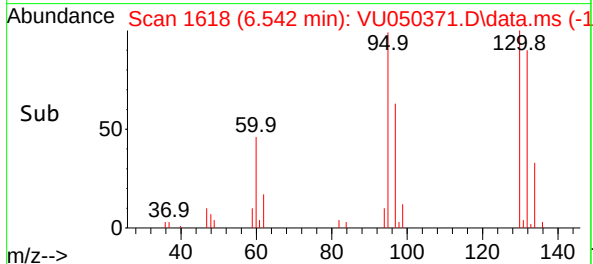
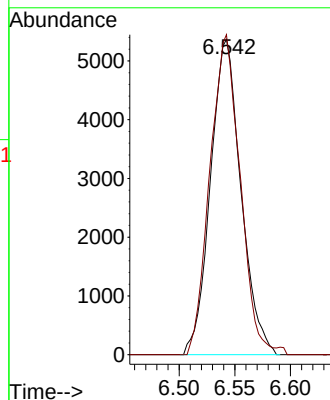
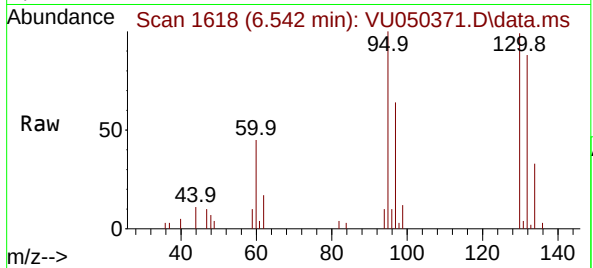
VSTDIC001

Tgt Ion:130 Resp: 1019
Ion Ratio Lower Upper
130 100
95 101.5 83.8 125.8

Manual Integrations

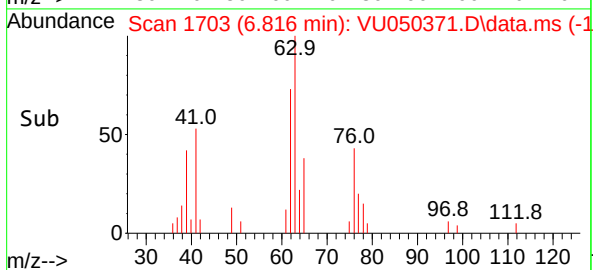
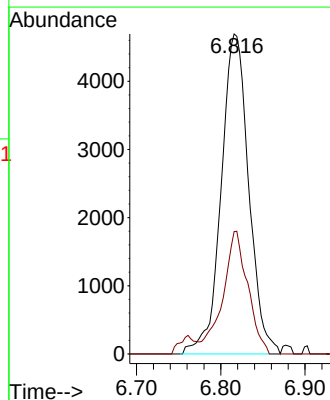
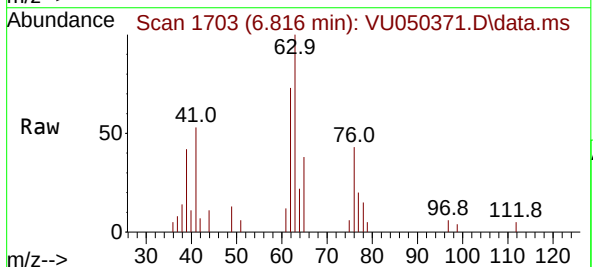
APPROVED

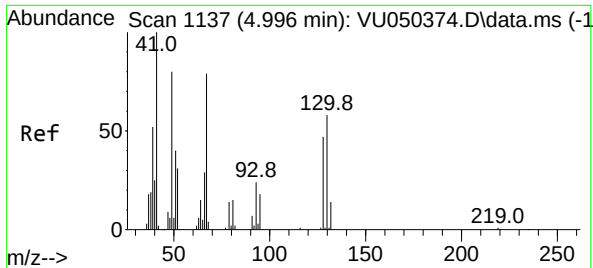
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#38
1,2-Dichloropropane
Concen: 0.947 ug/l
RT: 6.816 min Scan# 1703
Delta R.T. -0.016 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

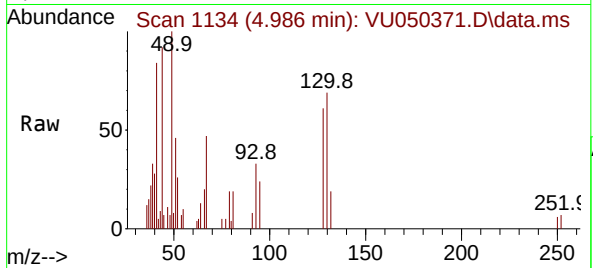
Tgt Ion: 63 Resp: 10663
Ion Ratio Lower Upper
63 100
65 38.2 25.0 37.4#





#39
Methacrylonitrile
Concen: 1.203 ug/l
RT: 4.986 min Scan# 1137
Delta R.T. -0.010 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

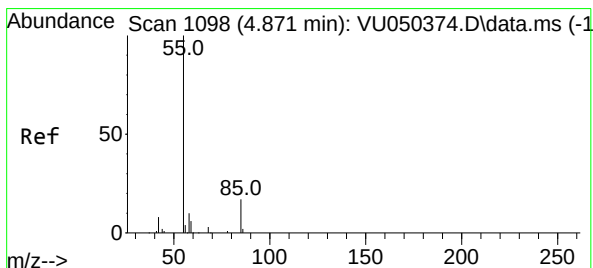
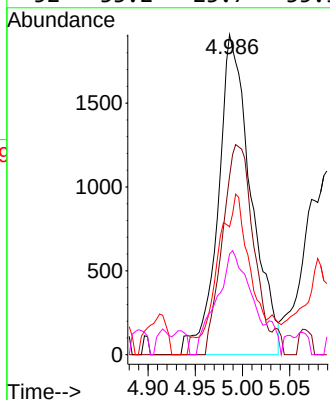
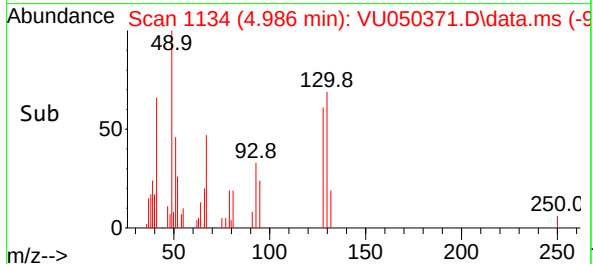
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion	Ratio	Lower	Upper
41	100		
67	61.6	59.4	89.0
39	51.1	42.2	63.2
52	33.2	23.7	35.5

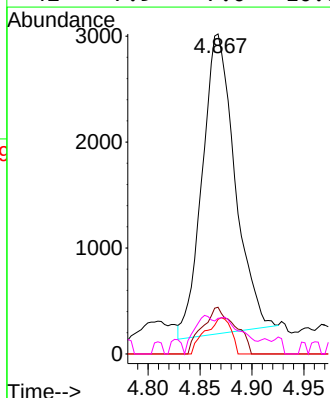
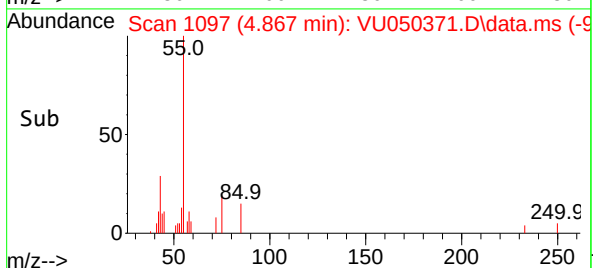
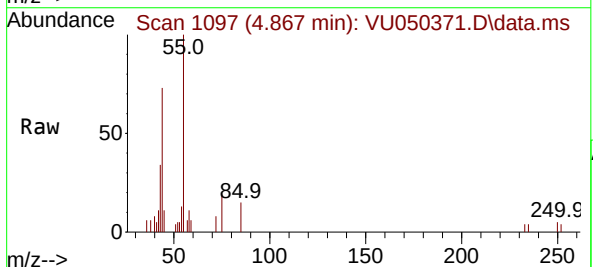
Manual Integrations
APPROVED

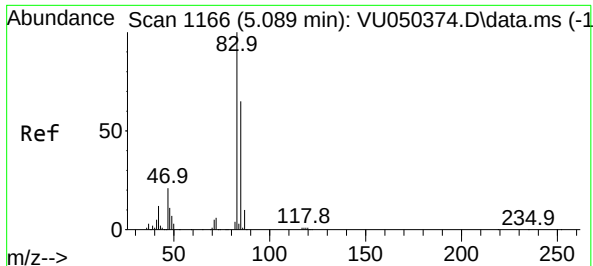
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#40
Methyl acrylate
Concen: 0.920 ug/l
RT: 4.867 min Scan# 1097
Delta R.T. -0.003 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

Tgt Ion	Ratio	Lower	Upper
55	100		
85	15.4	13.5	20.3
58	9.5	7.0	10.4
42	7.9	7.0	10.6





#41

Tetrahydrofuran

Concen: 1.814 ug/l

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU050371.D

Acq: 19 Aug 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 42 Resp: 3784

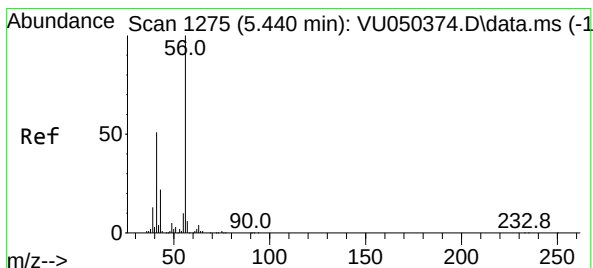
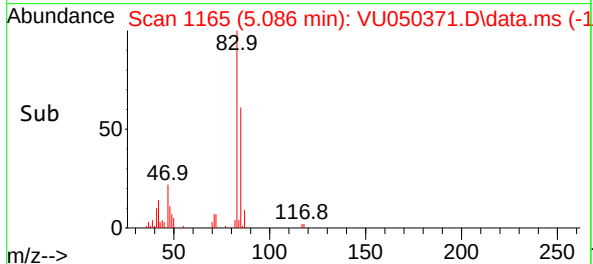
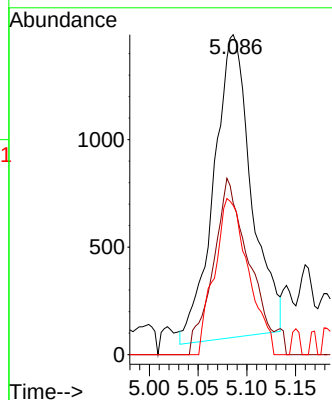
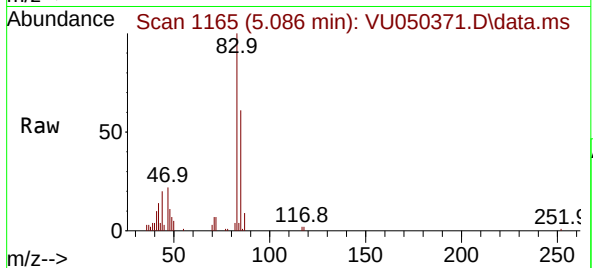
Ion	Ratio	Lower	Upper
42	100		
72	54.6	38.9	58.3
71	46.4	33.7	50.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#42

1-Chlorobutane

Concen: 1.247 ug/l

RT: 5.433 min Scan# 1273

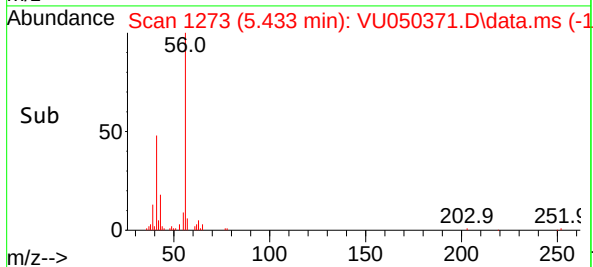
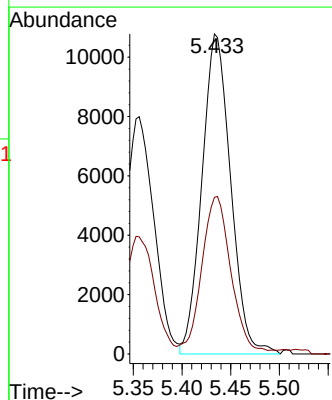
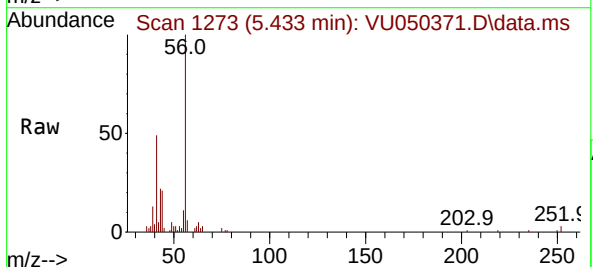
Delta R.T. -0.006 min

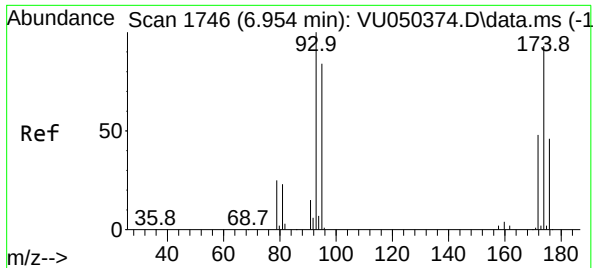
Lab File: VU050371.D

Acq: 19 Aug 2022 12:18

Tgt Ion: 56 Resp: 22098

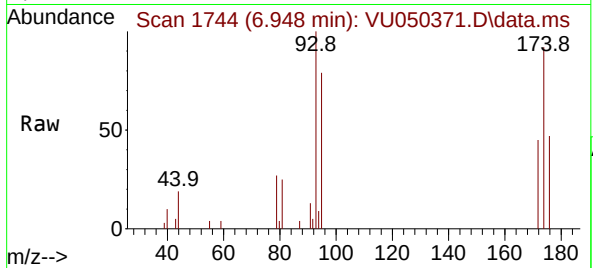
Ion	Ratio	Lower	Upper
56	100		
41	47.0	26.4	79.2





#43
Dibromomethane
Concen: 0.971 ug/l
RT: 6.948 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

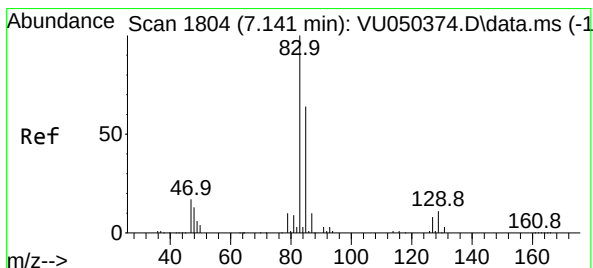
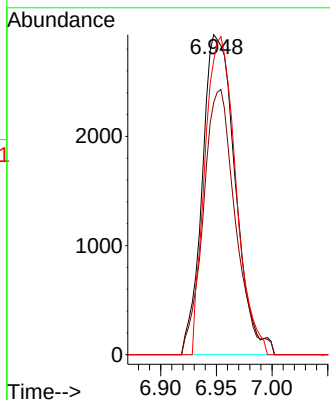
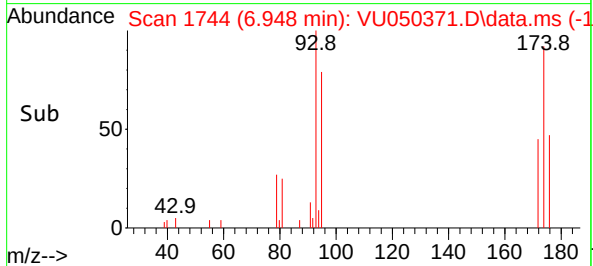
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 93 Resp: 603
Ion Ratio Lower Upper
93 100
95 80.6 65.0 97.6
174 93.0 76.3 114.5

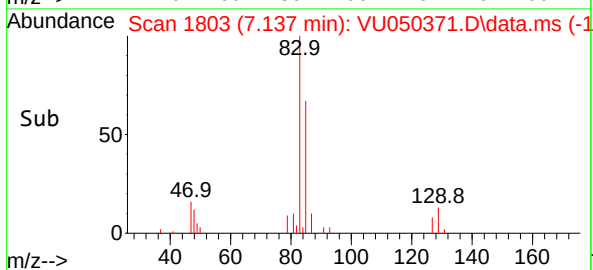
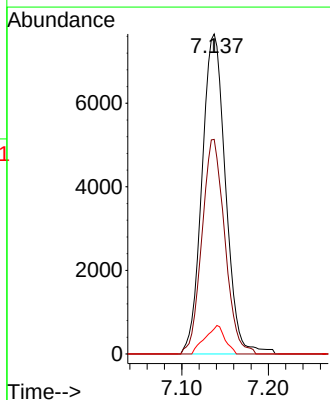
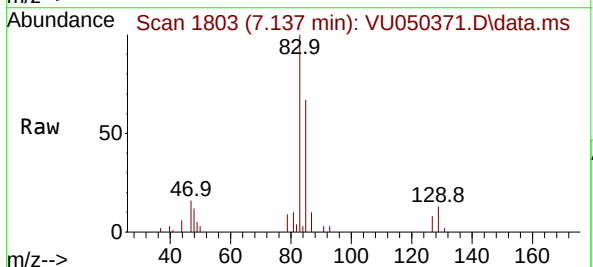
Manual Integrations
APPROVED

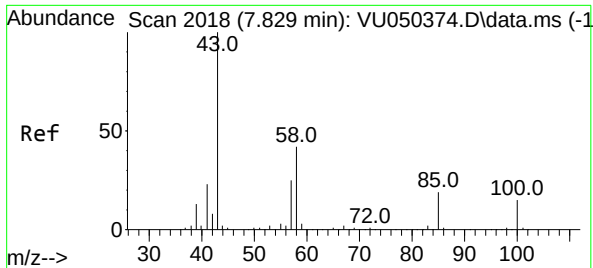
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#44
Bromodichloromethane
Concen: 1.000 ug/l
RT: 7.137 min Scan# 1803
Delta R.T. -0.003 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

Tgt Ion: 83 Resp: 14478
Ion Ratio Lower Upper
83 100
85 67.1 49.4 74.0
127 7.9 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 4.009 ug/l

RT: 7.829 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VU050371.D

Acq: 19 Aug 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

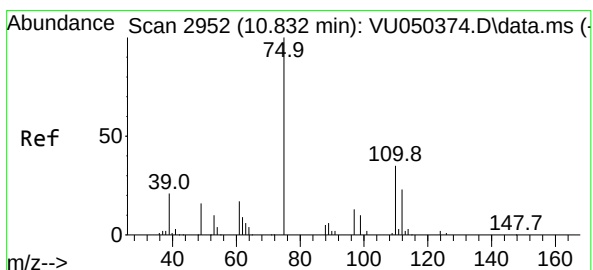
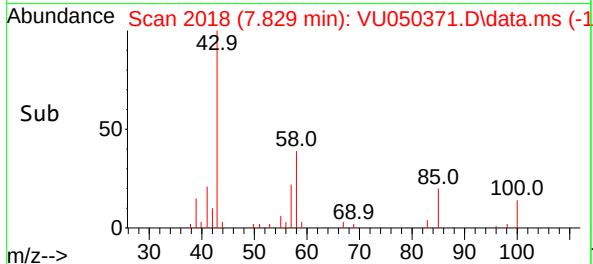
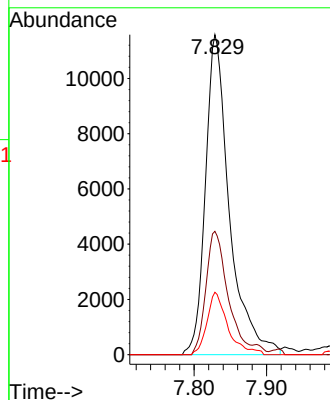
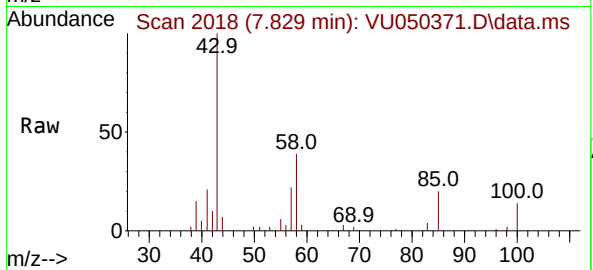
Tgt Ion:	43	Resp:	26609
Ion Ratio	Lower	Upper	
43	100		
58	35.3	20.3	61.0
85	17.0	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#46

t-1,4-Dichloro-2-butene

Concen: 2.452 ug/l m

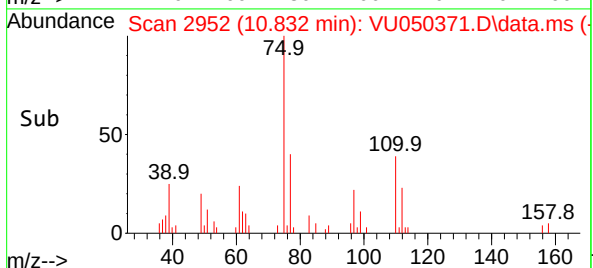
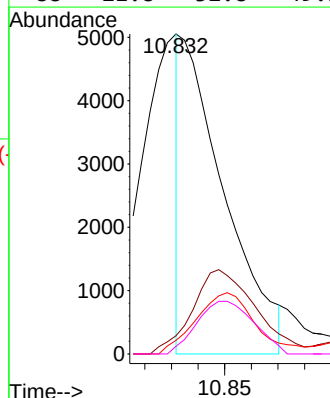
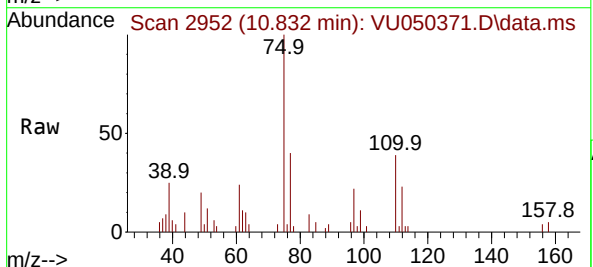
RT: 10.832 min Scan# 2952

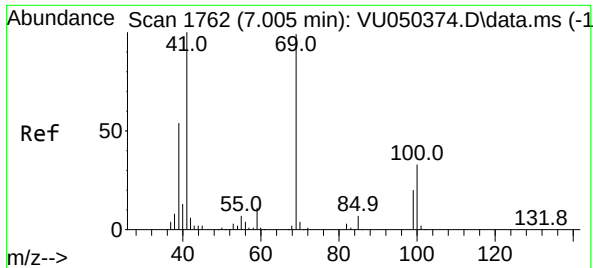
Delta R.T. -0.000 min

Lab File: VU050371.D

Acq: 19 Aug 2022 12:18

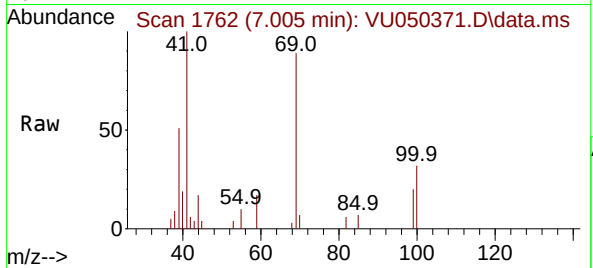
Tgt Ion:	75	Resp:	5684
Ion Ratio	Lower	Upper	
75	100		
53	38.6	64.4	96.6#
89	26.4	44.2	66.2#
88	21.8	32.8	49.2#





#47
Methyl methacrylate
Concen: 1.381 ug/l
RT: 7.005 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

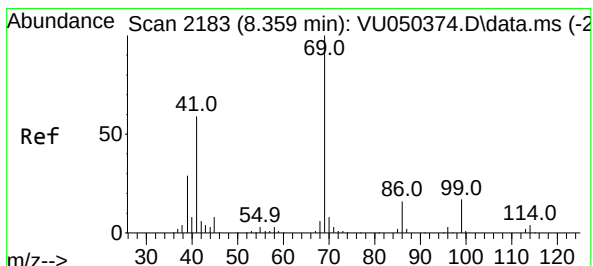
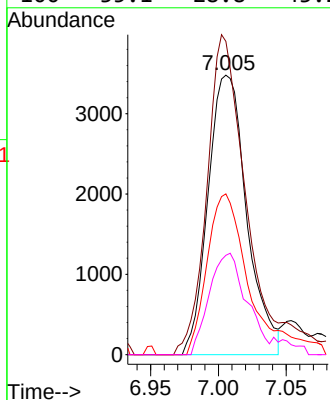
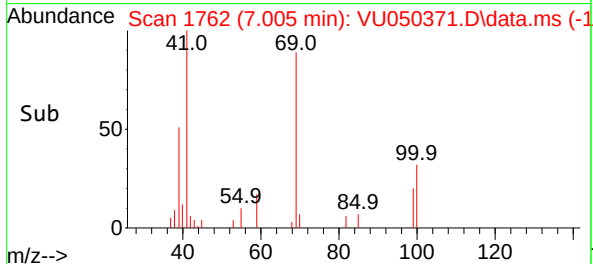
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 69 Resp: 690
Ion Ratio Lower Upper
69 100
41 119.4 0.0 225.4
39 63.4 45.8 68.8
100 35.1 28.8 43.2

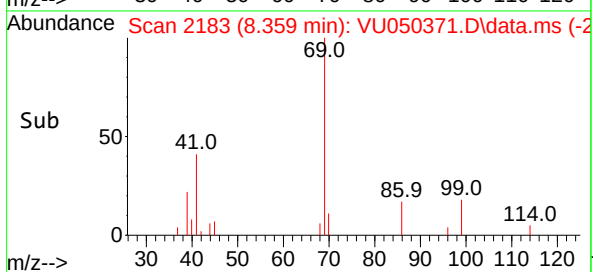
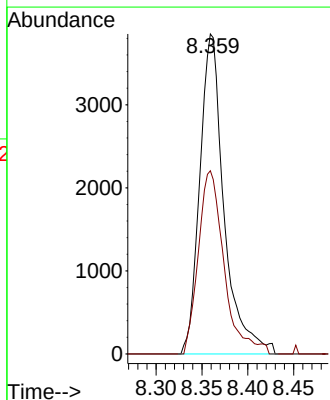
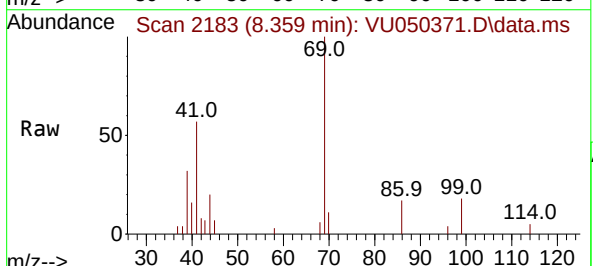
Manual Integrations
APPROVED

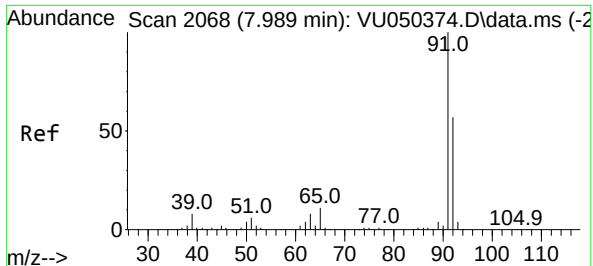
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#48
Ethyl methacrylate
Concen: 0.806 ug/l
RT: 8.359 min Scan# 2183
Delta R.T. -0.000 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

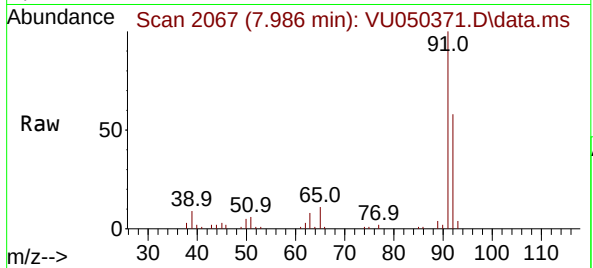
Tgt Ion: 69 Resp: 7087
Ion Ratio Lower Upper
69 100
41 60.8 32.3 96.9





#49
Toluene
Concen: 0.840 ug/l
RT: 7.986 min Scan# 2067
Delta R.T. -0.003 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

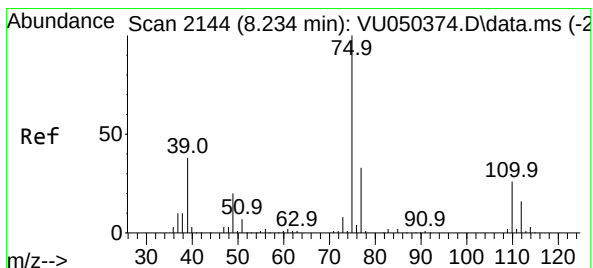
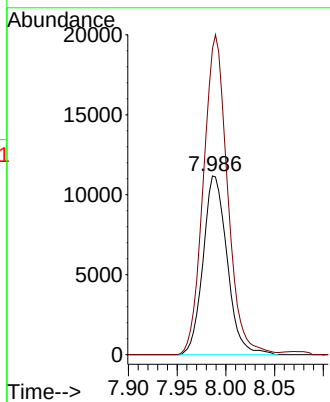
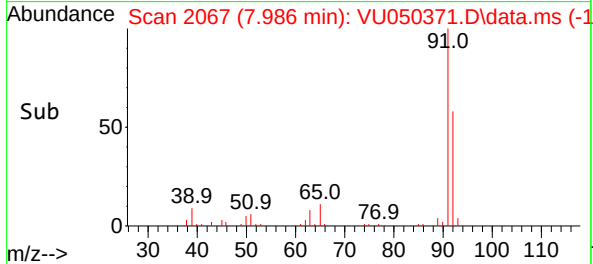
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion: 92 Resp: 19179
Ion Ratio Lower Upper
92 100
91 179.8 138.6 207.8

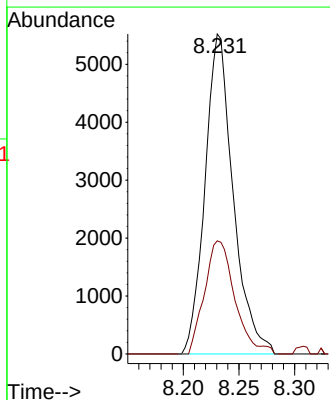
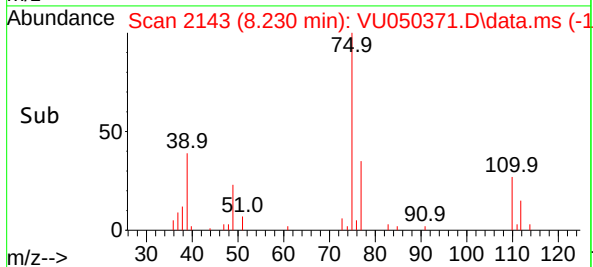
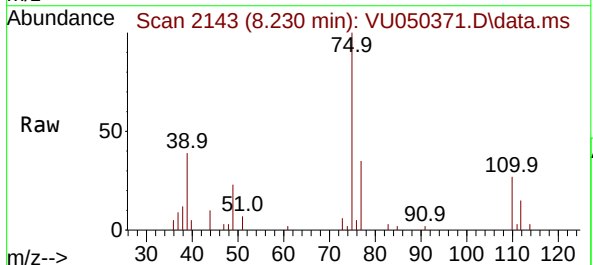
Manual Integrations
APPROVED

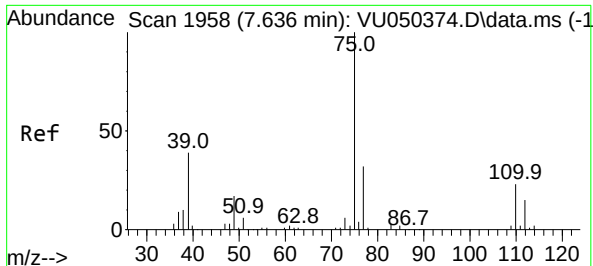
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#50
t-1,3-Dichloropropene
Concen: 0.817 ug/l
RT: 8.230 min Scan# 2143
Delta R.T. -0.003 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

Tgt Ion: 75 Resp: 9703
Ion Ratio Lower Upper
75 100
77 35.4 24.7 37.1





#51

cis-1,3-Dichloropropene

Concen: 0.880 ug/l

RT: 7.632 min Scan# 1958

Delta R.T. -0.003 min

Lab File: VU050371.D

Acq: 19 Aug 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

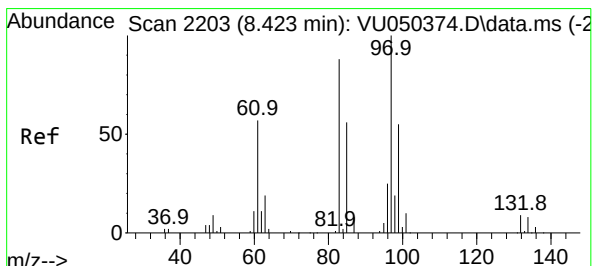
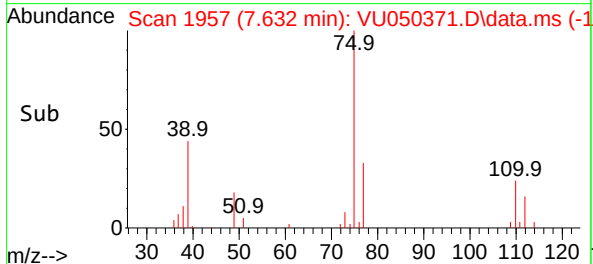
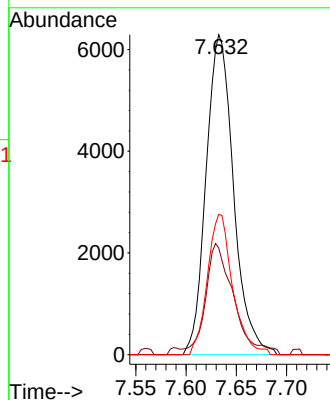
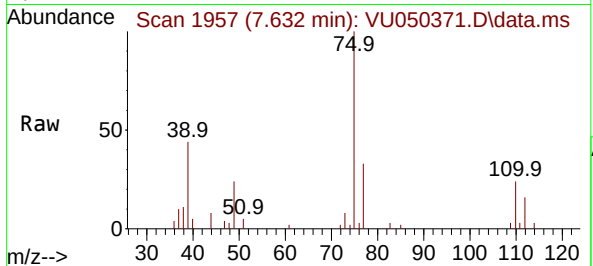
Tgt Ion:	75	Resp:	1195
Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.4	38.0
39	43.9	35.1	52.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#52

1,1,2-Trichloroethane

Concen: 0.972 ug/l

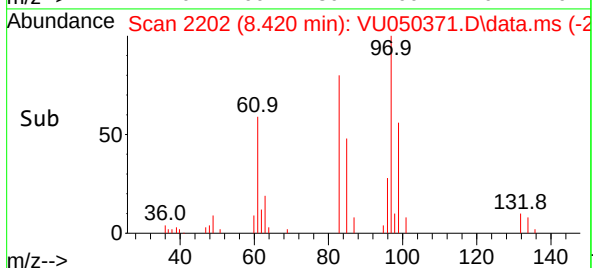
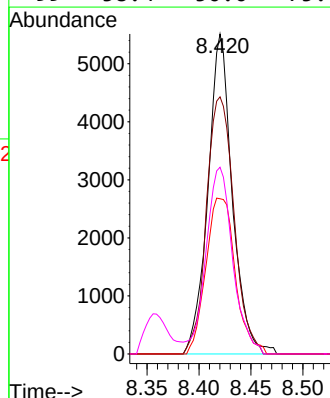
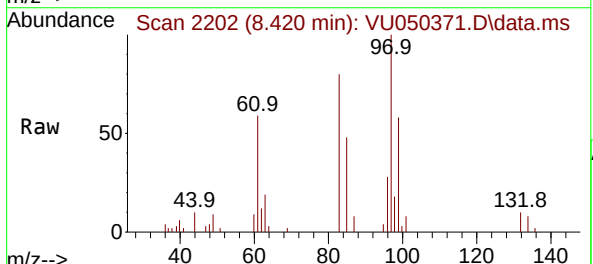
RT: 8.420 min Scan# 2202

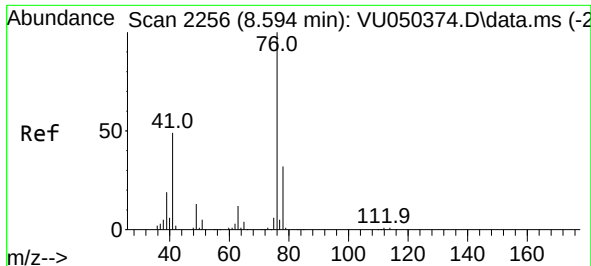
Delta R.T. -0.003 min

Lab File: VU050371.D

Acq: 19 Aug 2022 12:18

Tgt Ion:	97	Resp:	8998
Ion	Ratio	Lower	Upper
97	100		
83	80.4	70.6	106.0
85	48.5	46.2	69.4
99	58.4	50.0	75.0





#53

1,3-Dichloropropane

Concen: 0.919 ug/l

RT: 8.594 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU050371.D

Acq: 19 Aug 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

Tgt Ion: 76 Resp: 1326

Ion Ratio Lower Upper

76 100

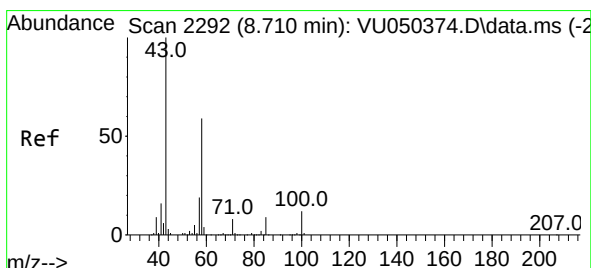
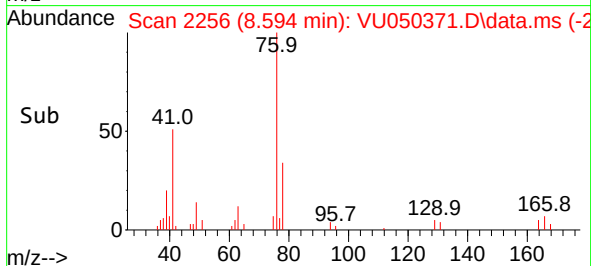
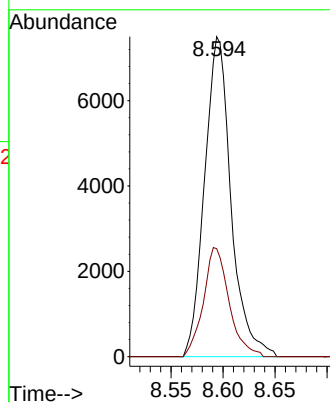
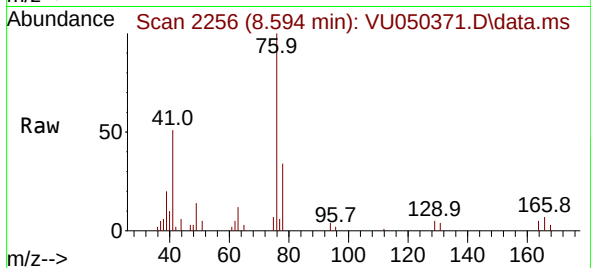
78 33.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#54

2-Hexanone

Concen: 3.980 ug/l

RT: 8.713 min Scan# 2293

Delta R.T. 0.003 min

Lab File: VU050371.D

Acq: 19 Aug 2022 12:18

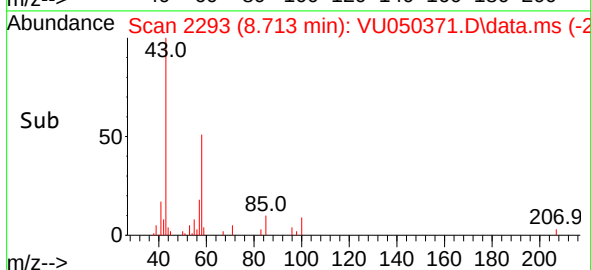
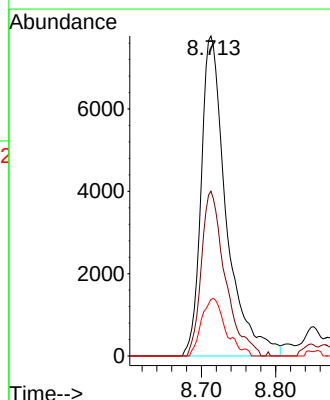
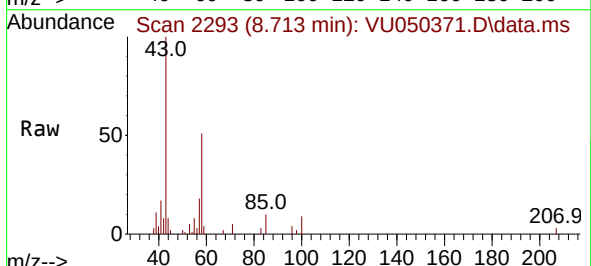
Tgt Ion: 43 Resp: 18303

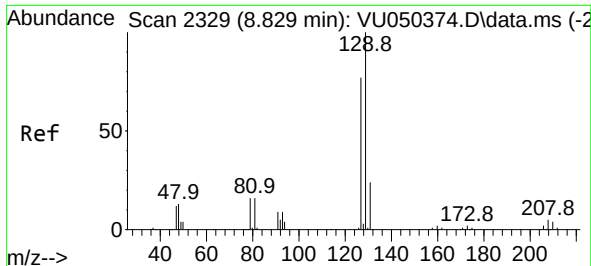
Ion Ratio Lower Upper

43 100

58 48.6 37.1 77.1

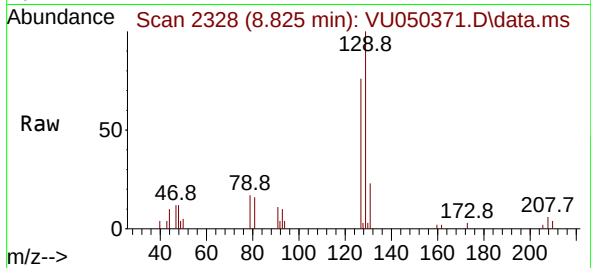
57 17.3 0.0 39.5





#55
Dibromochloromethane
Concen: 0.978 ug/l
RT: 8.825 min Scan# 2329
Delta R.T. -0.003 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

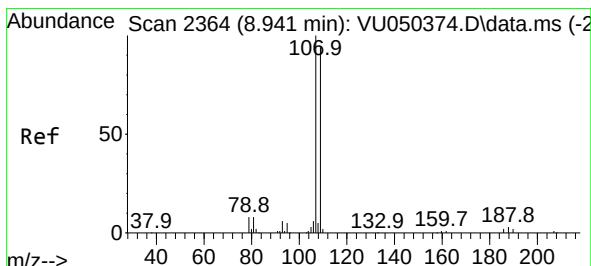
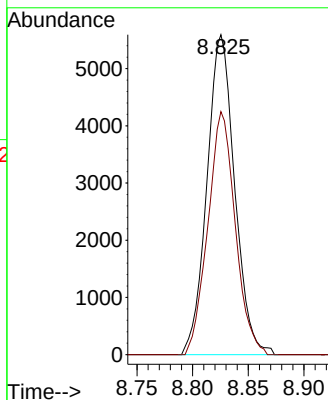
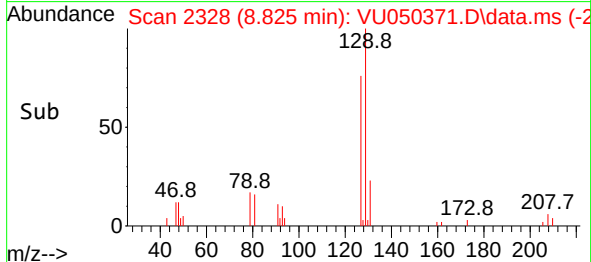
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion:129 Resp: 969
Ion Ratio Lower Upper
129 100
127 74.9 61.2 91.8

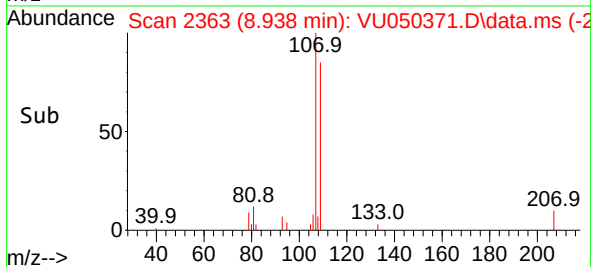
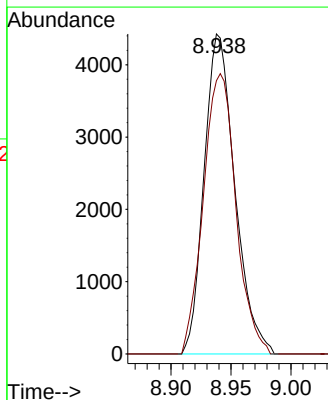
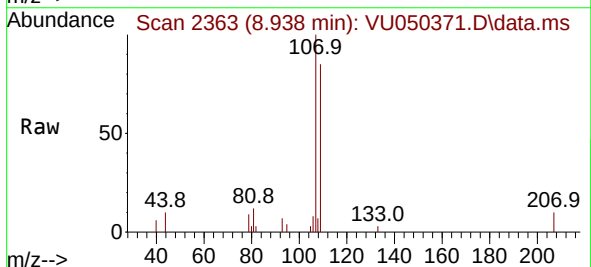
Manual Integrations
APPROVED

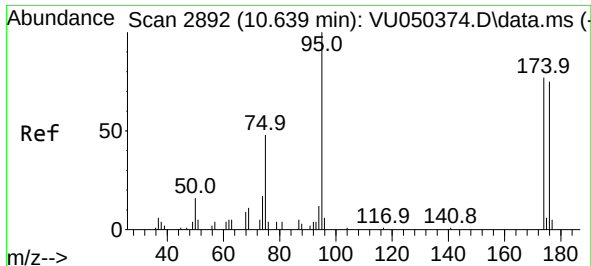
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#56
1,2-Dibromoethane
Concen: 0.973 ug/l
RT: 8.938 min Scan# 2363
Delta R.T. -0.003 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

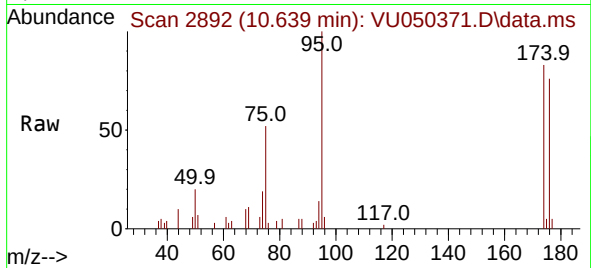
Tgt Ion:107 Resp: 7896
Ion Ratio Lower Upper
107 100
109 92.7 0.0 187.2





#57
4-Bromofluorobenzene
Concen: 0.852 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

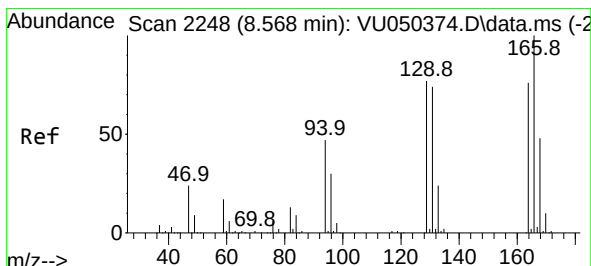
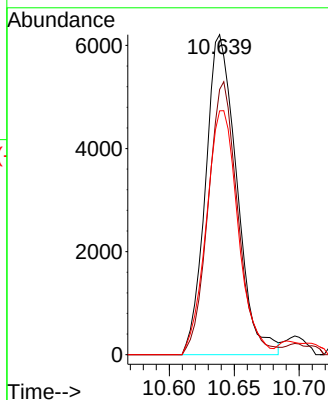
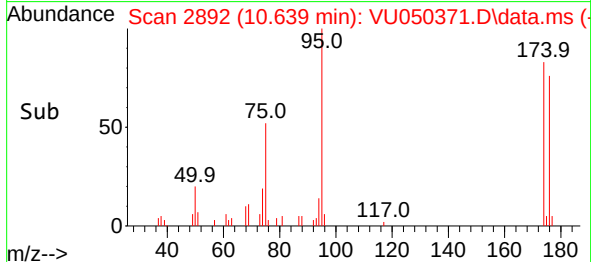
Instrument : MSVOA_U
ClientSampleId : VSTDIC001



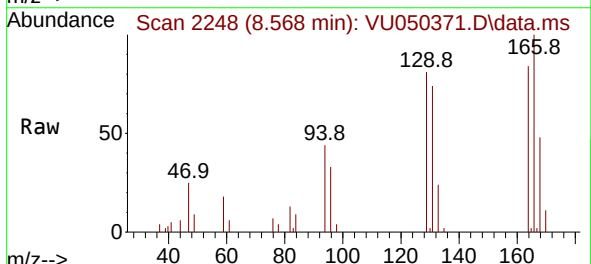
Tgt Ion: 95 Resp: 1037
Ion Ratio Lower Upper
95 100
174 80.9 62.4 93.6
176 77.6 56.2 84.2

Manual Integrations
APPROVED

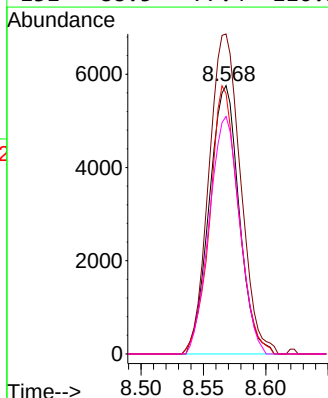
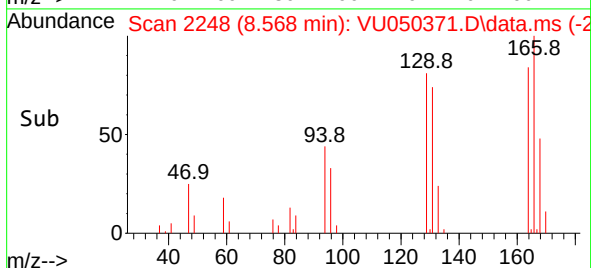
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

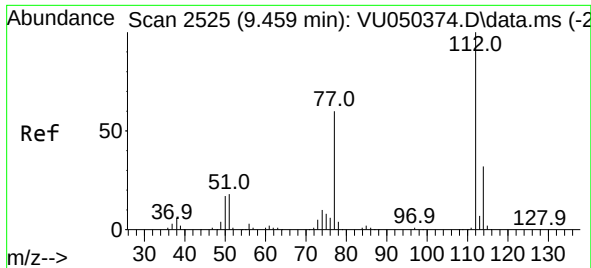


#58
Tetrachloroethene
Concen: 1.030 ug/l
RT: 8.568 min Scan# 2248
Delta R.T. -0.000 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18



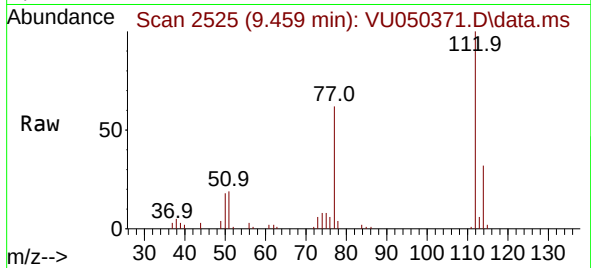
Tgt Ion:164 Resp: 9636
Ion Ratio Lower Upper
164 100
166 119.2 102.4 153.6
129 97.0 79.5 119.3
131 88.5 77.4 116.2





#59
Chlorobenzene
Concen: 0.896 ug/l
RT: 9.459 min Scan# 2525
Delta R.T. -0.000 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

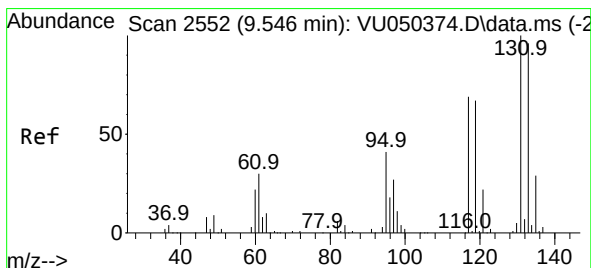
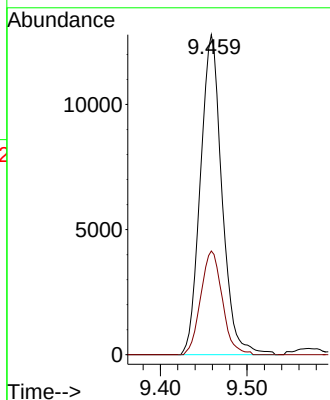
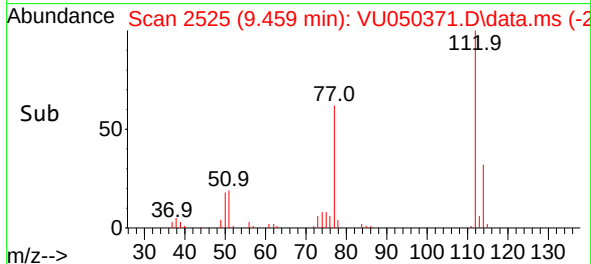
Instrument : MSVOA_U
ClientSampleId : VSTDIC001



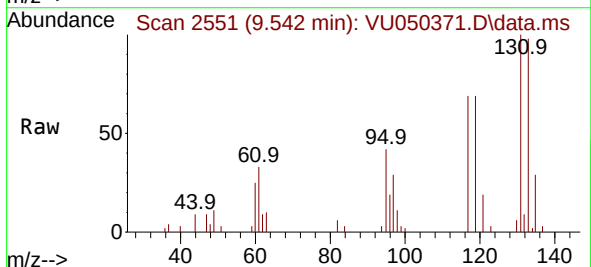
Tgt Ion:112 Resp: 2213
Ion Ratio Lower Upper
112 100
114 32.4 24.9 37.3

Manual Integrations
APPROVED

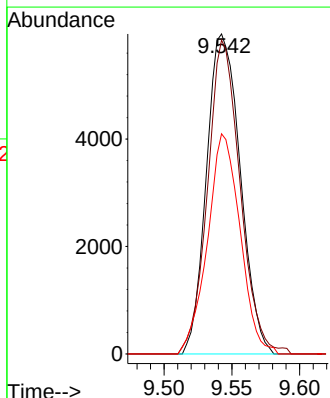
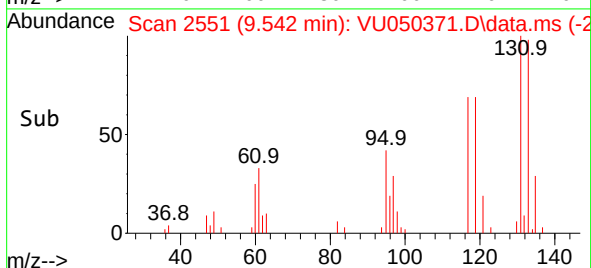
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

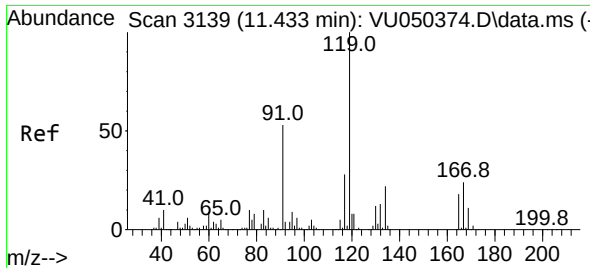


#60
1,1,1,2-Tetrachloroethane
Concen: 1.011 ug/l
RT: 9.542 min Scan# 2551
Delta R.T. -0.003 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18



Tgt Ion:131 Resp: 10339
Ion Ratio Lower Upper
131 100
133 94.3 78.3 117.5
119 66.3 53.2 79.8





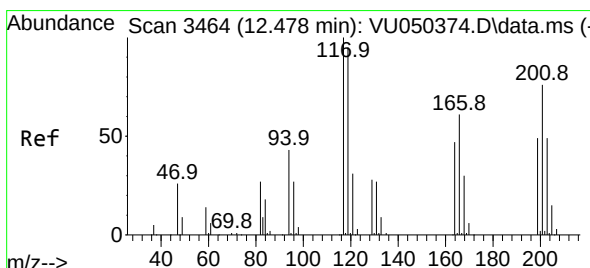
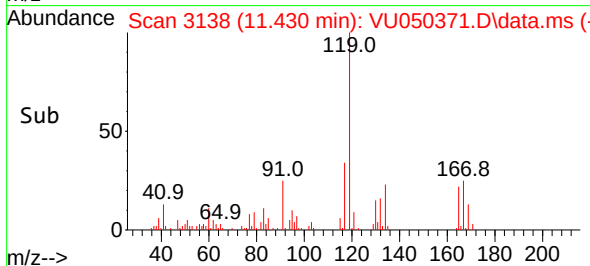
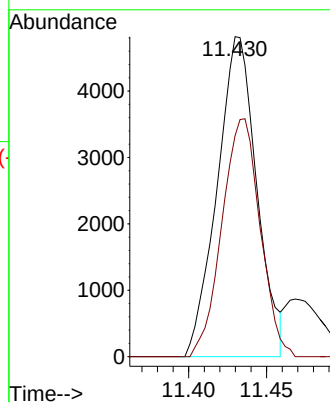
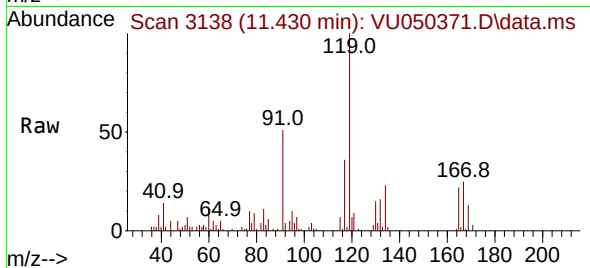
#61
Pentachloroethane
Concen: 1.006 ug/l
RT: 11.430 min Scan# 3139
Delta R.T. -0.003 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 8502
Ion Ratio Lower Upper
117 100
167 71.8 66.2 99.4

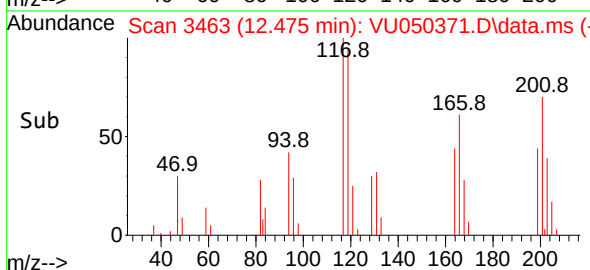
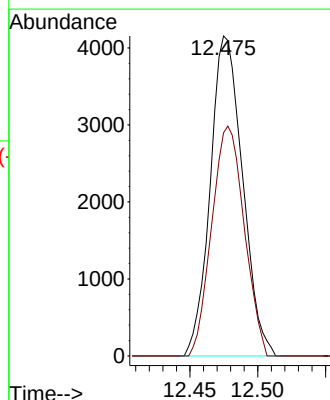
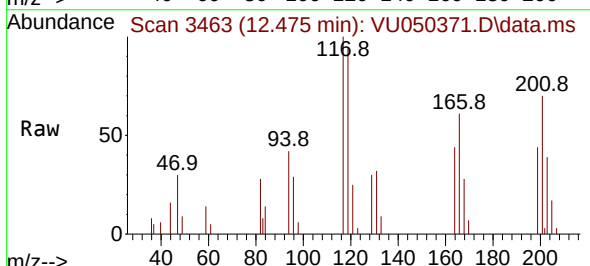
Manual Integrations
APPROVED

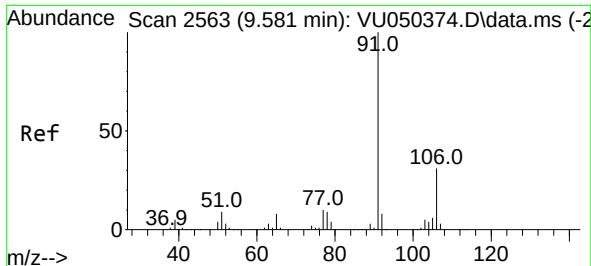
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#62
Hexachloroethane
Concen: 1.035 ug/l
RT: 12.475 min Scan# 3463
Delta R.T. -0.003 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

Tgt Ion:117 Resp: 6887
Ion Ratio Lower Upper
117 100
201 72.1 61.0 91.4





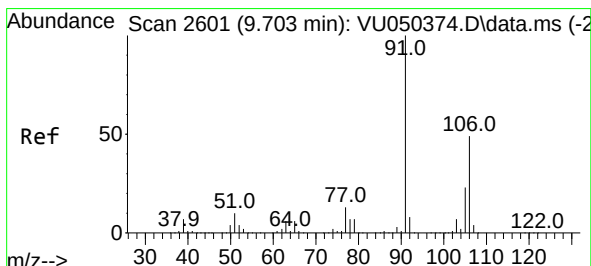
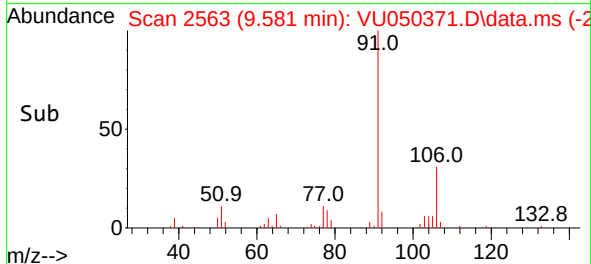
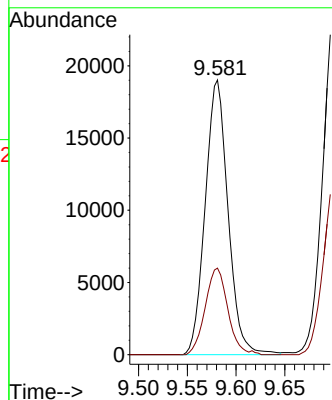
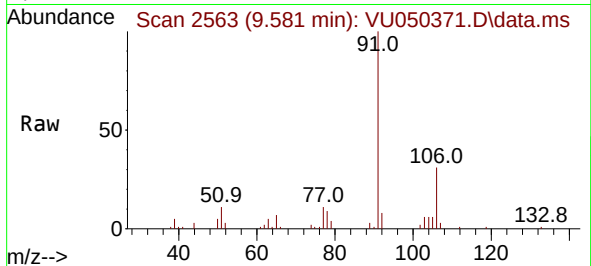
#63
Ethyl Benzene
Concen: 0.796 ug/l
RT: 9.581 min Scan# 2563
Delta R.T. -0.000 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 3102
Ion Ratio Lower Upper
91 100
106 31.5 24.4 36.6

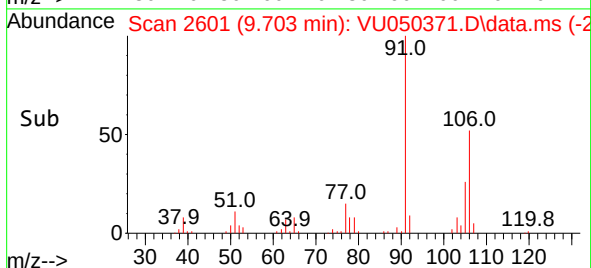
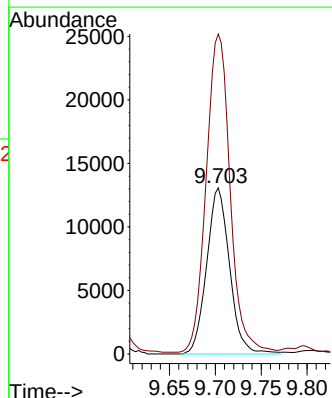
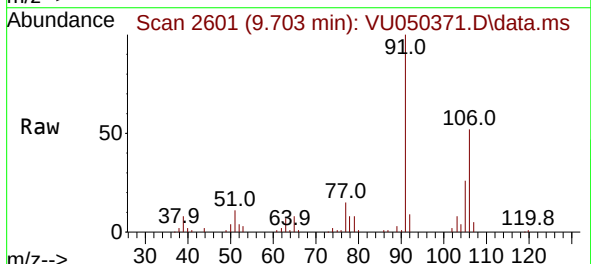
Manual Integrations
APPROVED

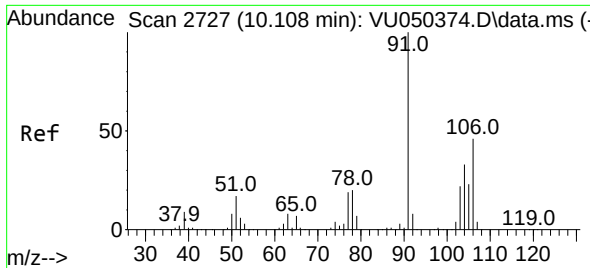
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#64
m/p-Xylenes
Concen: 1.501 ug/l
RT: 9.703 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

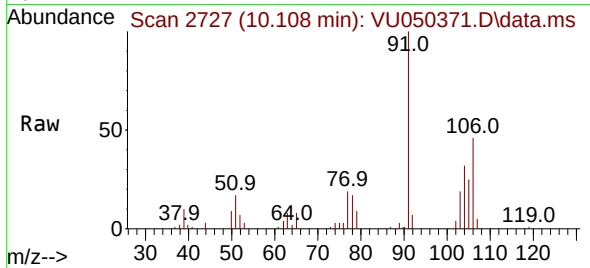
Tgt Ion:106 Resp: 22741
Ion Ratio Lower Upper
106 100
91 199.3 167.8 251.6





#65
o-Xylene
Concen: 0.786 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

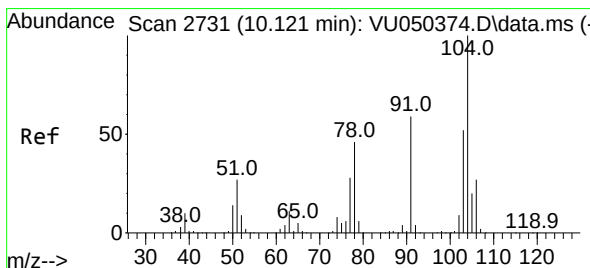
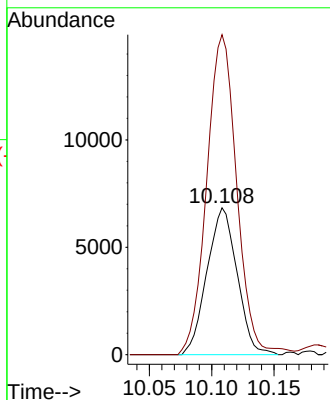
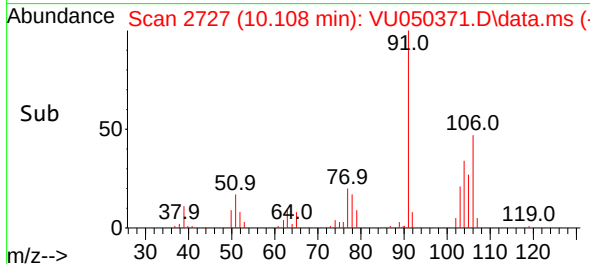
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



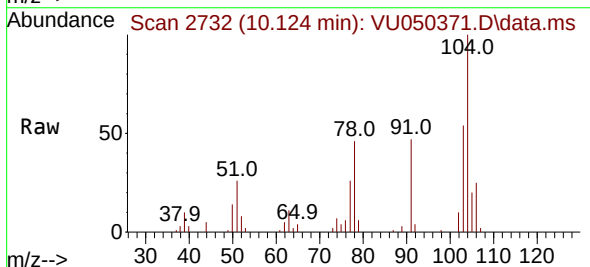
Tgt Ion:106 Resp: 1151
Ion Ratio Lower Upper
106 100
91 217.1 111.1 333.2

Manual Integrations
APPROVED

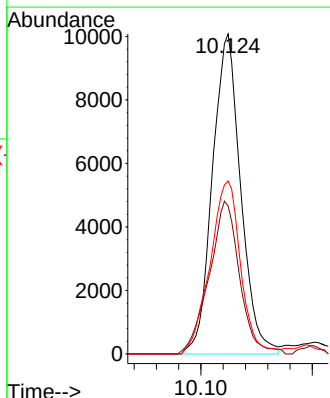
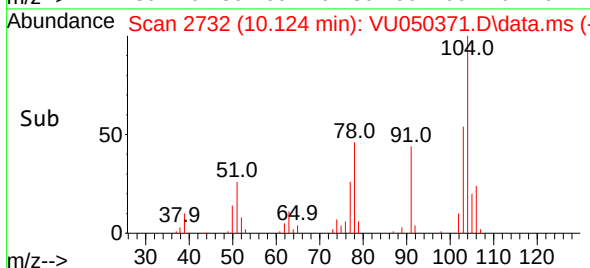
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

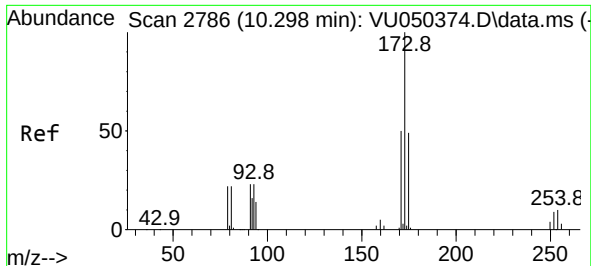


#66
Styrene
Concen: 0.735 ug/l
RT: 10.124 min Scan# 2732
Delta R.T. 0.003 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18



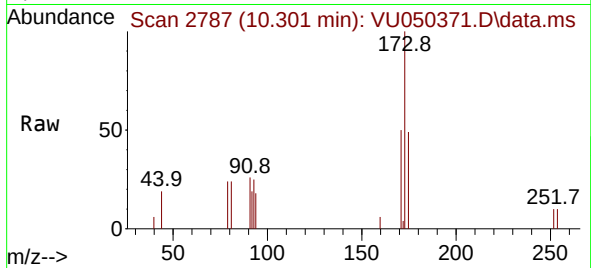
Tgt Ion:104 Resp: 17764
Ion Ratio Lower Upper
104 100
78 51.2 42.1 63.1
103 58.4 44.5 66.7





#67
Bromoform
Concen: 0.905 ug/l
RT: 10.301 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

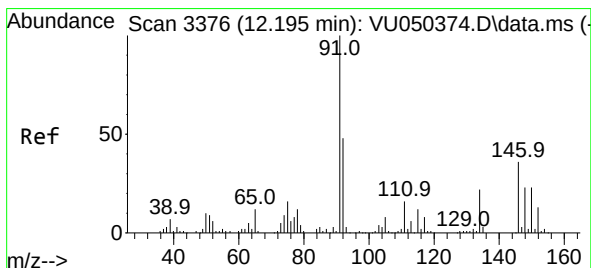
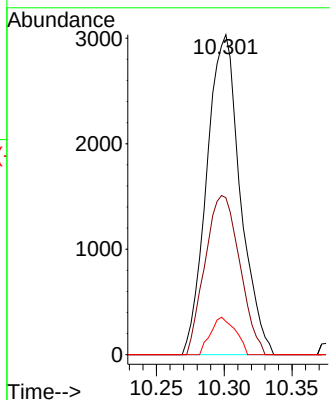
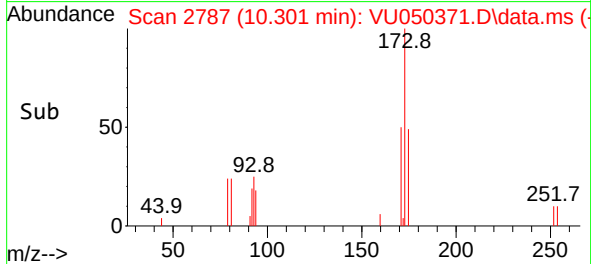
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



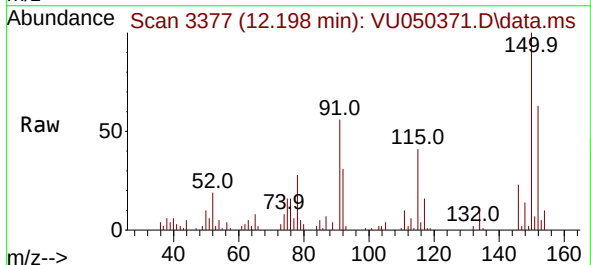
Tgt Ion:173 Resp: 521
Ion Ratio Lower Upper
173 100
175 51.4 38.4 57.6
254 8.7 7.7 11.5

Manual Integrations
APPROVED

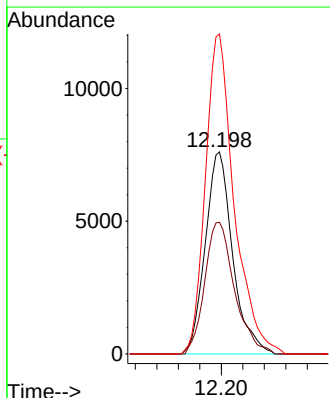
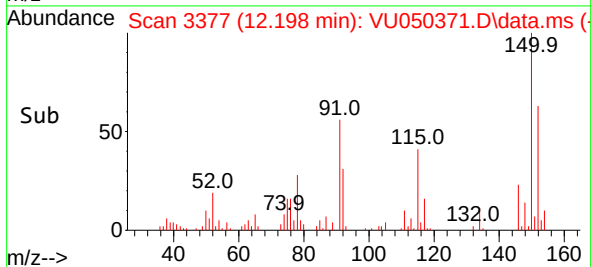
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

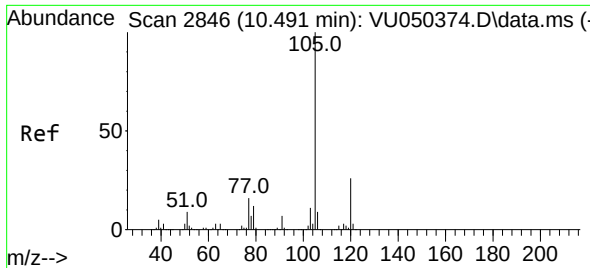


#68
1,2-Dichlorobenzene-d4
Concen: 0.984 ug/l
RT: 12.198 min Scan# 3377
Delta R.T. 0.003 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18



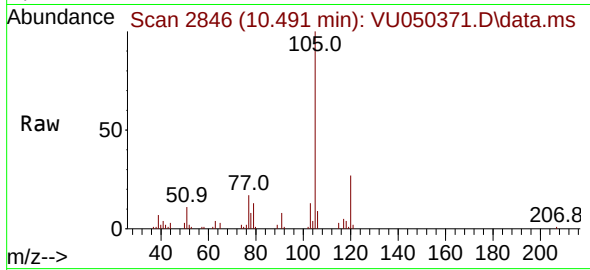
Tgt Ion:152 Resp: 13458
Ion Ratio Lower Upper
152 100
115 70.9 0.0 254.6
150 166.4 0.0 623.6





#69
Isopropylbenzene
Concen: 0.768 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

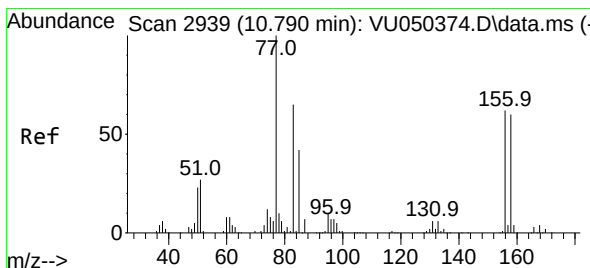
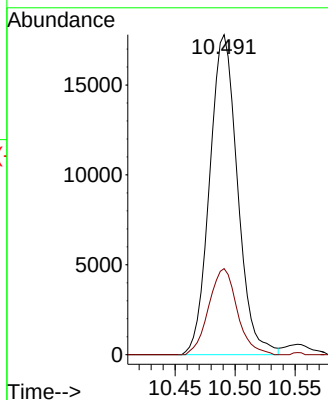
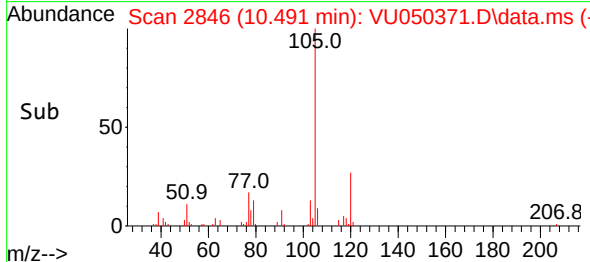
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



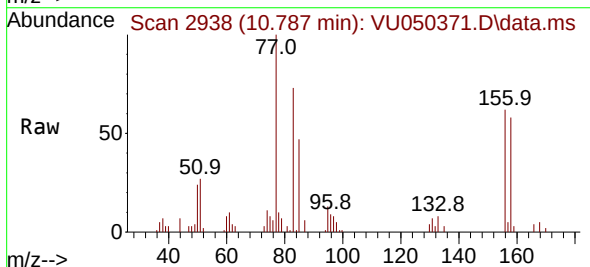
Tgt Ion: 105 Resp: 28819
Ion Ratio Lower Upper
105 100
120 27.4 12.6 37.8

Manual Integrations
APPROVED

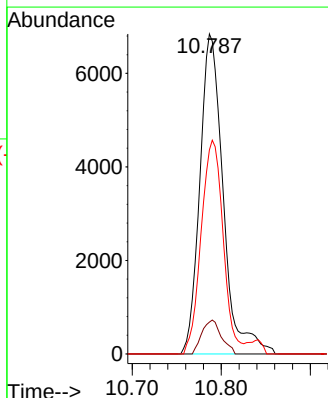
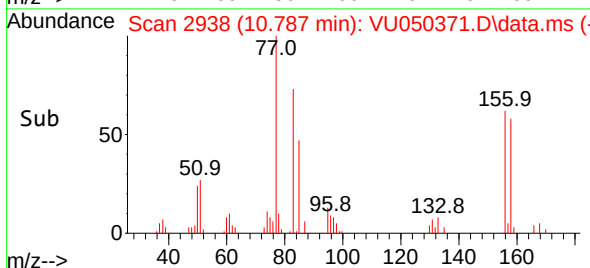
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

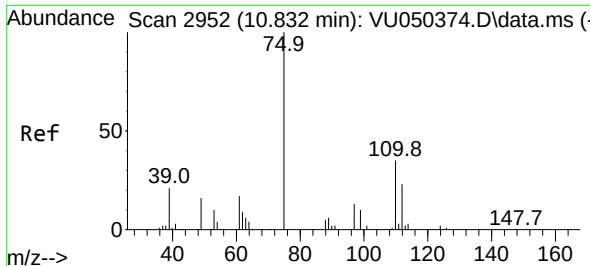


#70
1,1,2,2-Tetrachloroethane
Concen: 0.986 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.003 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18



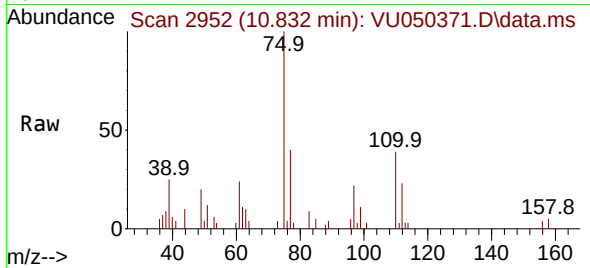
Tgt Ion: 83 Resp: 12443
Ion Ratio Lower Upper
83 100
131 8.8 7.7 11.5
85 63.0 51.2 76.8





#71
1,2,3-Trichloropropane
Concen: 0.944 ug/l m
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

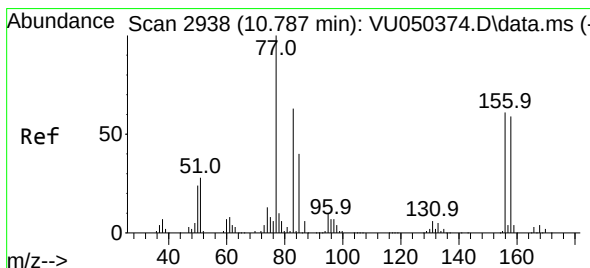
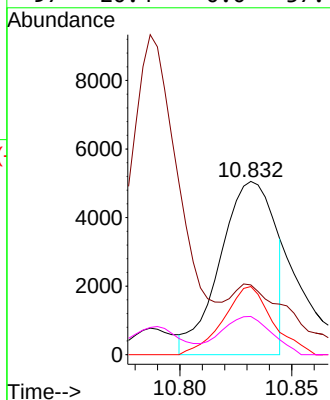
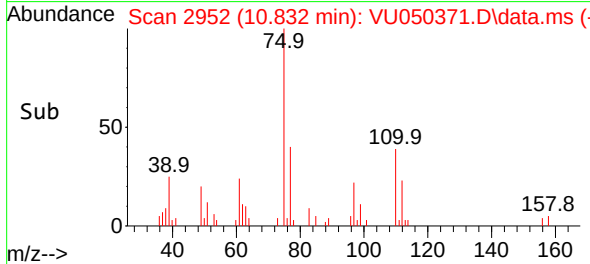
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



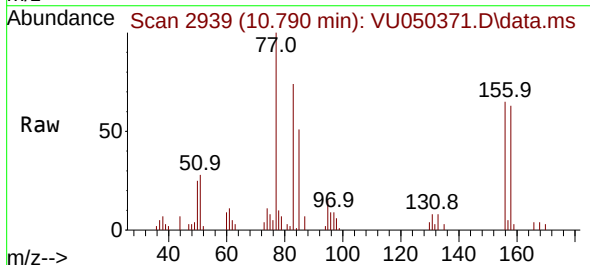
Tgt Ion	Ratio	Lower	Upper
75	100		
77	48.1	0.0	112.4
110	35.5	0.0	70.6
97	20.4	0.0	37.4

Manual Integrations
APPROVED

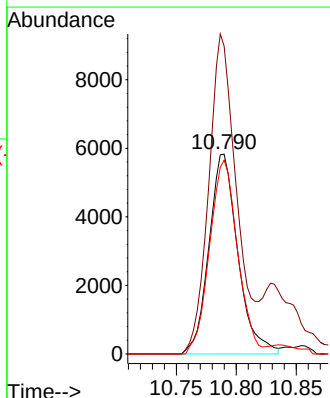
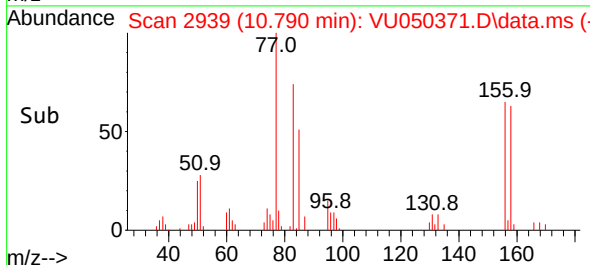
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

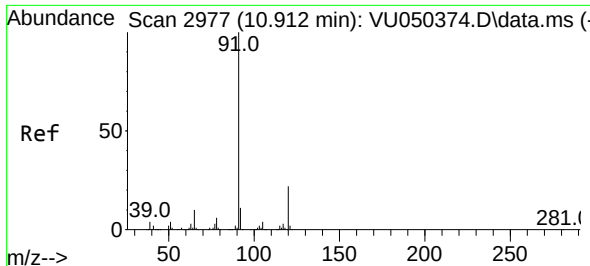


#72
Bromobenzene
Concen: 0.933 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.003 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18



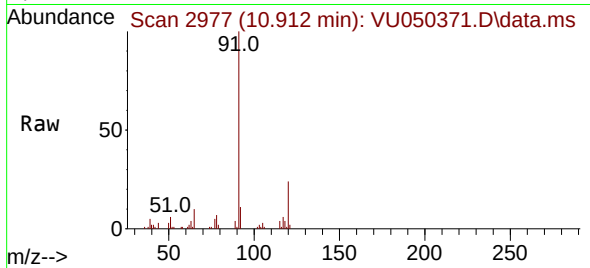
Tgt Ion	Ratio	Lower	Upper
156	100		
77	155.1	0.0	344.4
158	93.9	0.0	192.2





#73
n-propylbenzene
Concen: 0.794 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.000 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

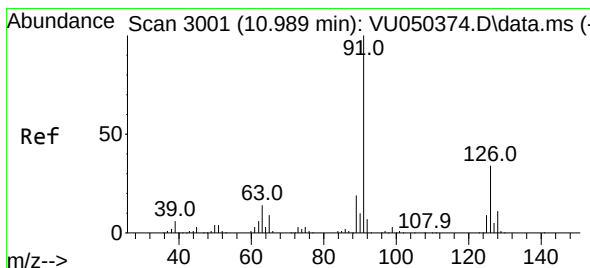
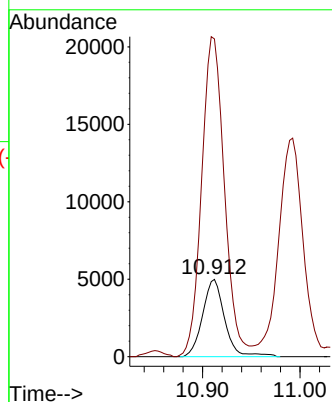
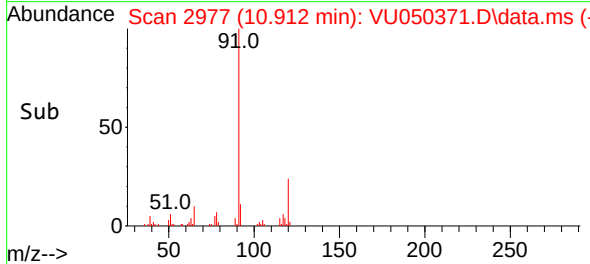
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



Tgt Ion:120 Resp: 7838
Ion Ratio Lower Upper
120 100
91 428.8 367.8 551.6

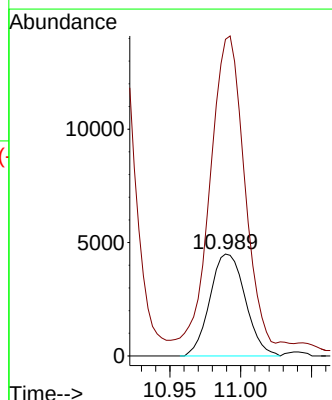
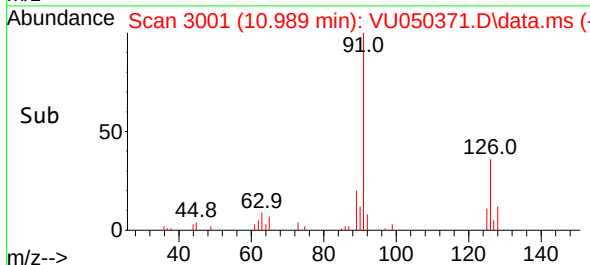
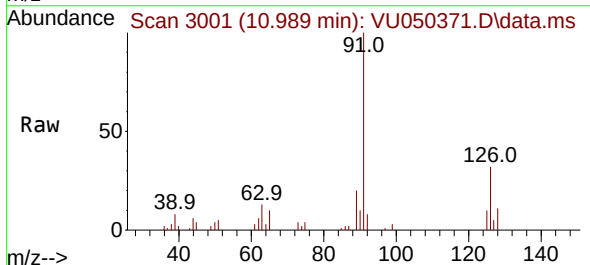
Manual Integrations
APPROVED

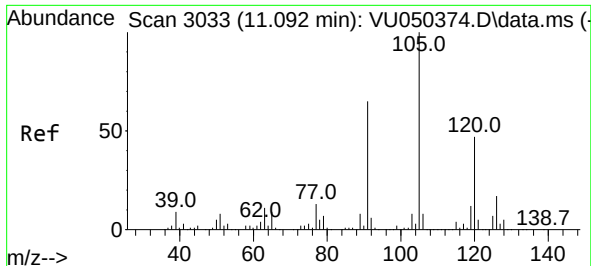
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#74
2-Chlorotoluene
Concen: 0.806 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. -0.000 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

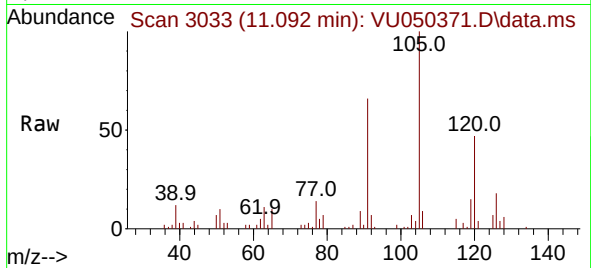
Tgt Ion:126 Resp: 7791
Ion Ratio Lower Upper
126 100
91 290.5 0.0 620.6





#75
1,3,5-Trimethylbenzene
Concen: 0.740 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

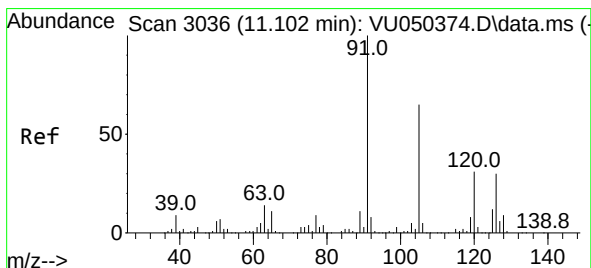
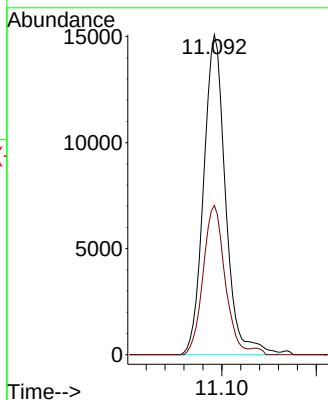
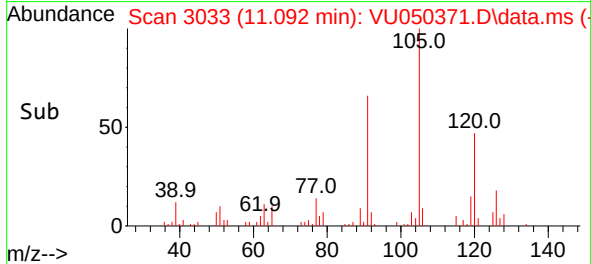
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



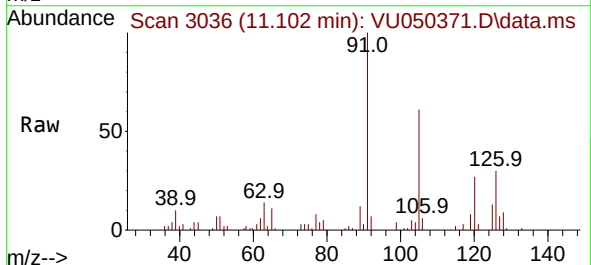
Tgt Ion:105 Resp: 2424
Ion Ratio Lower Upper
105 100
120 46.4 37.6 56.4

Manual Integrations
APPROVED

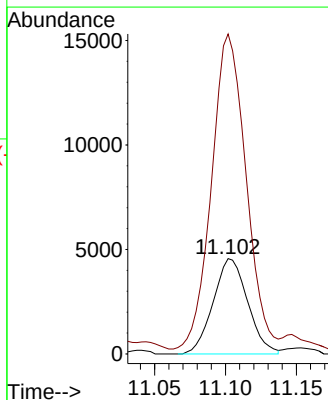
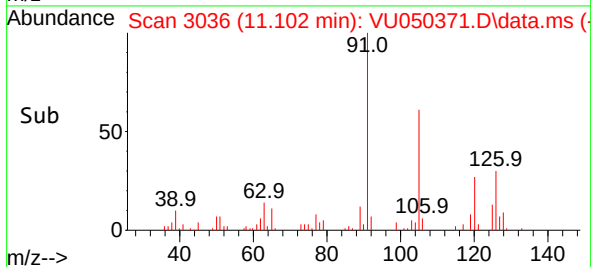
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

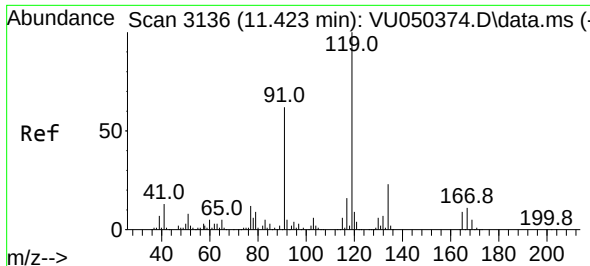


#76
4-Chlorotoluene
Concen: 0.798 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. -0.000 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18



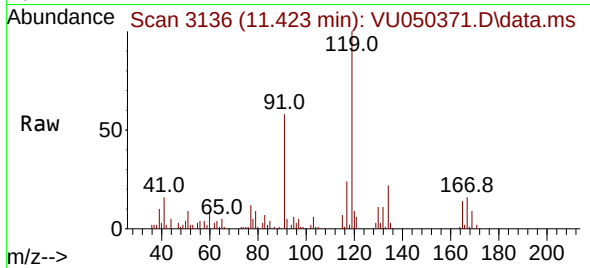
Tgt Ion:126 Resp: 7733
Ion Ratio Lower Upper
126 100
91 328.6 0.0 738.8





#77
tert-Butylbenzene
Concen: 0.840 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

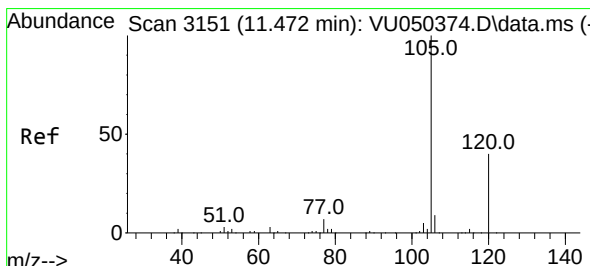
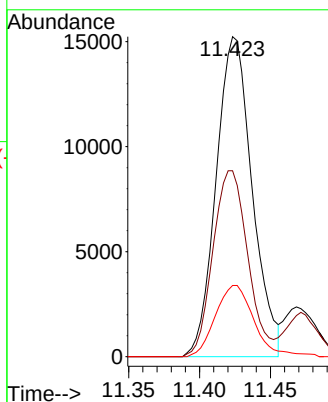
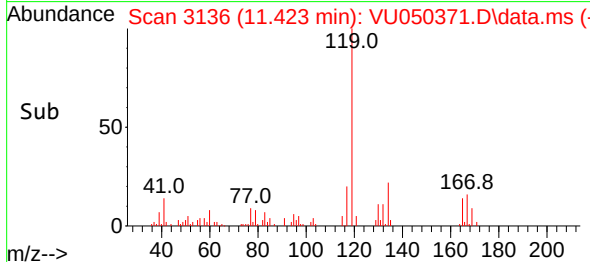
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



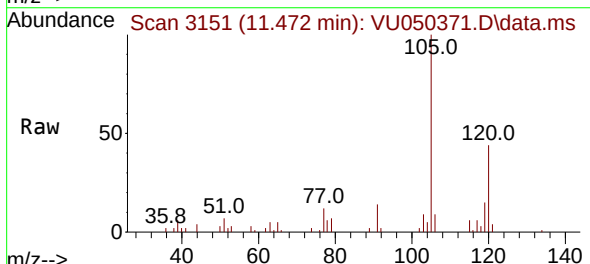
Tgt Ion:119 Resp: 27000
Ion Ratio Lower Upper
119 100
91 56.2 30.4 91.3
134 23.9 17.8 26.6

Manual Integrations
APPROVED

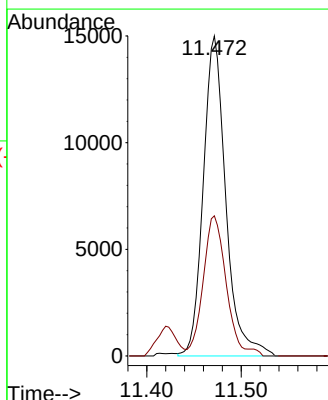
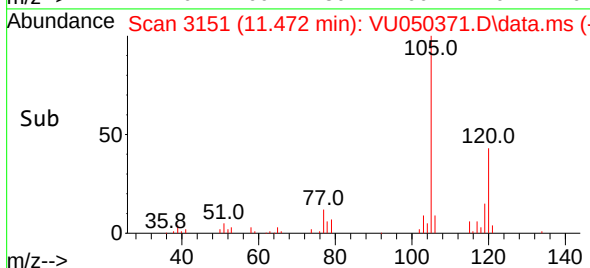
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

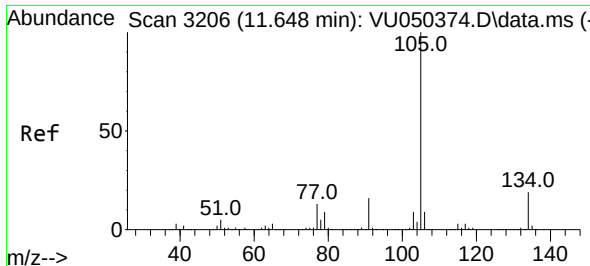


#78
1,2,4-Trimethylbenzene
Concen: 0.735 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18



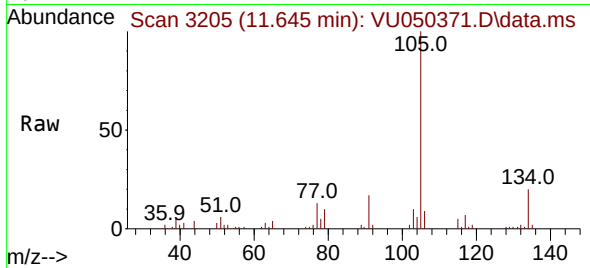
Tgt Ion:105 Resp: 24828
Ion Ratio Lower Upper
105 100
120 44.8 21.6 65.0





#79
 sec-Butylbenzene
 Concen: 0.767 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU050371.D
 Acq: 19 Aug 2022 12:18

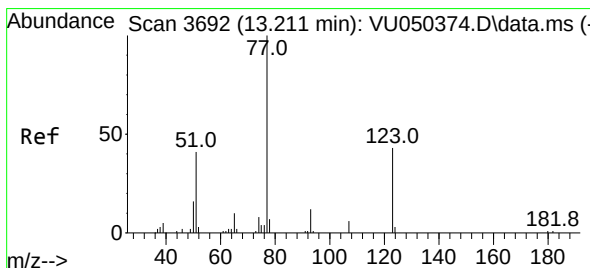
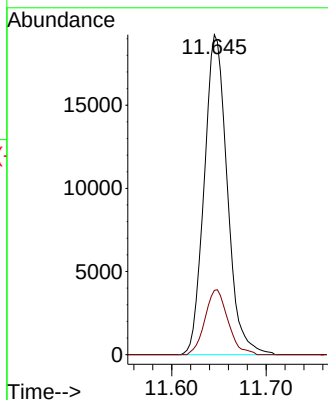
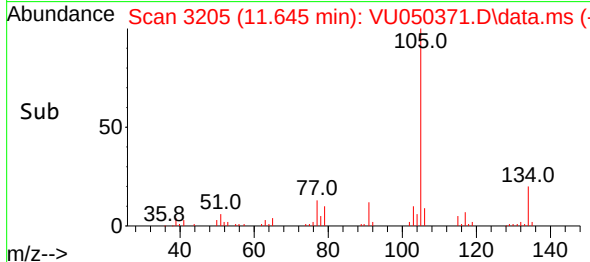
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001



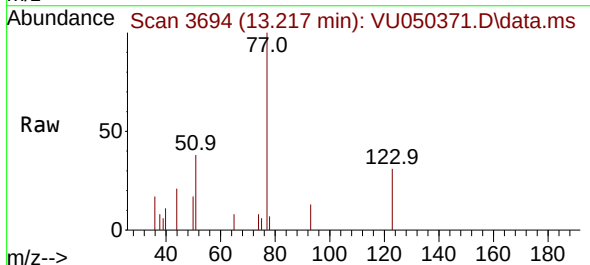
Tgt Ion:105 Resp: 3253
 Ion Ratio Lower Upper
 105 100
 134 20.3 15.4 23.0

Manual Integrations
 APPROVED

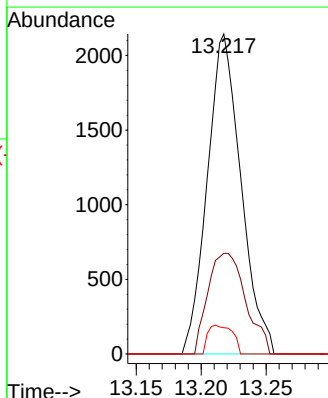
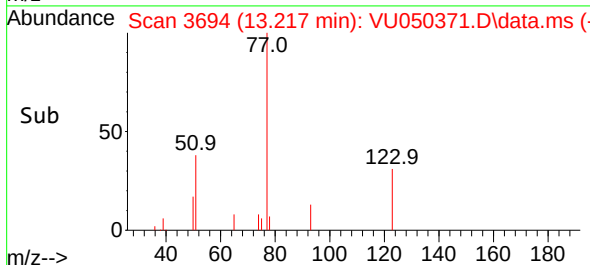
Reviewed By :Krupa Patel 08/30/2022
 Supervised By :Mahesh Dadoda 09/09/2022

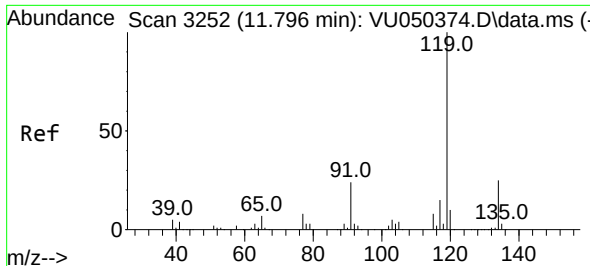


#80
 Nitrobenzene
 Concen: 5.061 ug/l
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.006 min
 Lab File: VU050371.D
 Acq: 19 Aug 2022 12:18



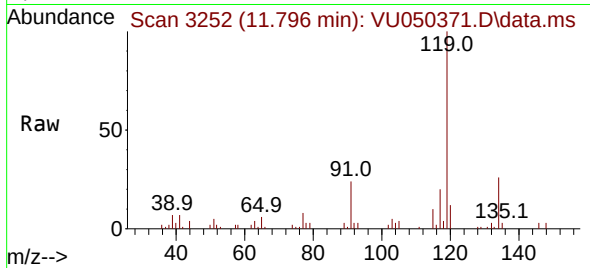
Tgt Ion: 77 Resp: 3860
 Ion Ratio Lower Upper
 77 100
 123 35.3 18.1 64.3
 65 6.5 10.8 13.8#





#81
p-Isopropyltoluene
Concen: 0.758 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. -0.000 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

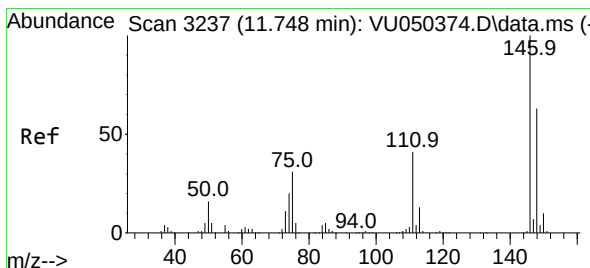
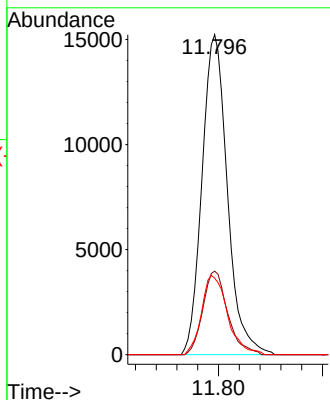
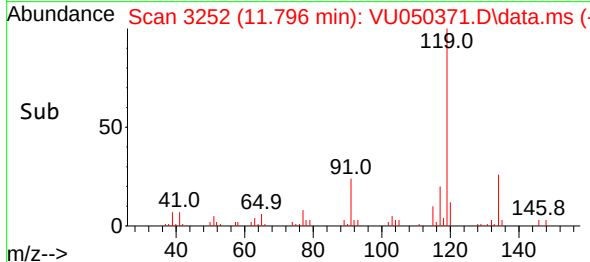
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001



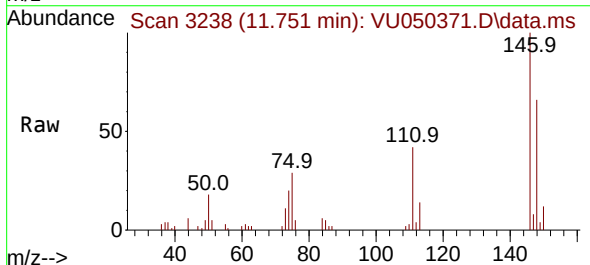
Tgt Ion:119 Resp: 25750
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 25.4 19.8 29.6

Manual Integrations
APPROVED

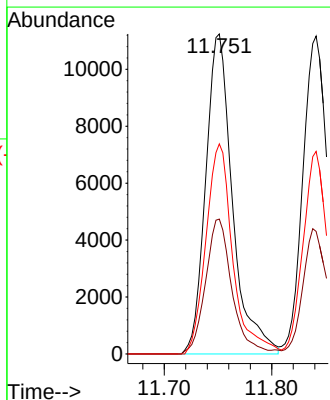
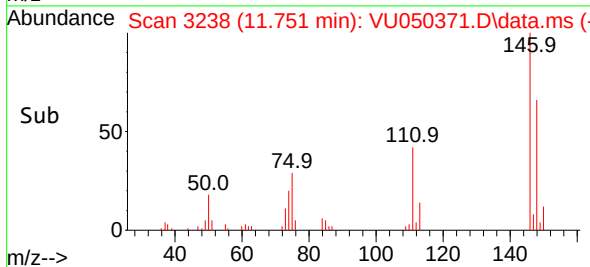
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022

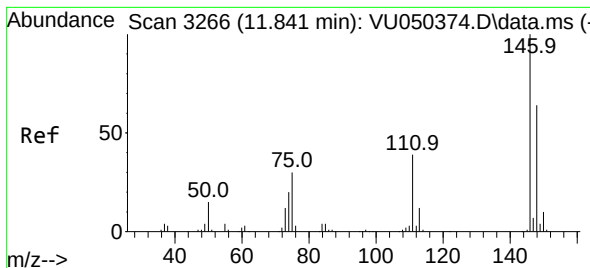


#82
1,3-Dichlorobenzene
Concen: 0.916 ug/l
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18



Tgt Ion:146 Resp: 19504
Ion Ratio Lower Upper
146 100
111 41.3 33.4 50.2
148 65.8 51.2 76.8





#83

1,4-Dichlorobenzene

Concen: 0.908 ug/l

RT: 11.841 min Scan# 3266

Delta R.T. -0.000 min

Lab File: VU050371.D

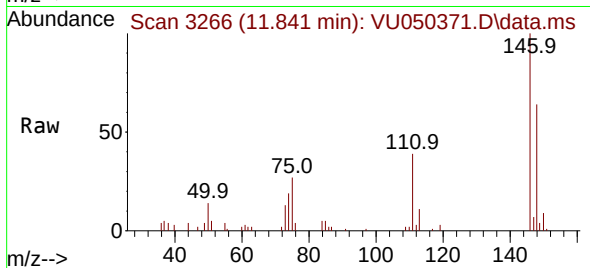
Acq: 19 Aug 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001



Tgt Ion:146 Resp: 1946

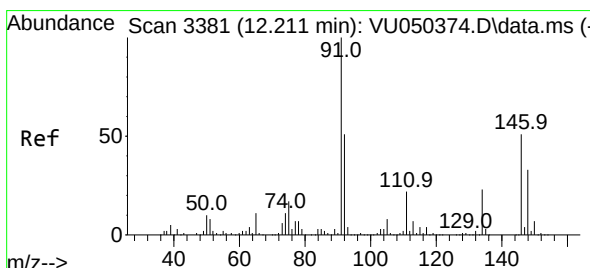
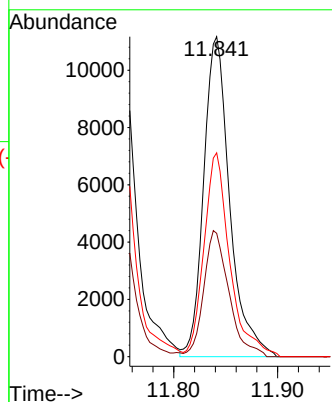
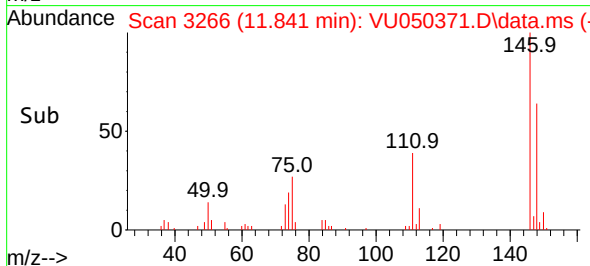
Ion	Ratio	Lower	Upper
146	100		
111	38.1	32.6	49.0
148	63.2	51.6	77.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/30/2022

Supervised By :Mahesh Dadoda 09/09/2022



#84

n-Butylbenzene

Concen: 0.799 ug/l

RT: 12.211 min Scan# 3381

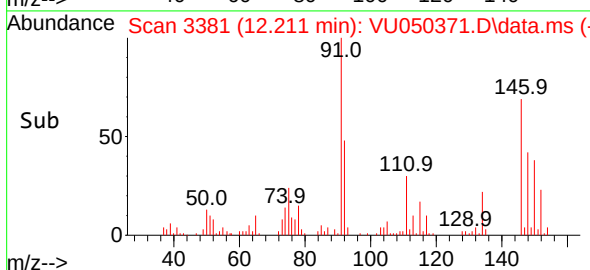
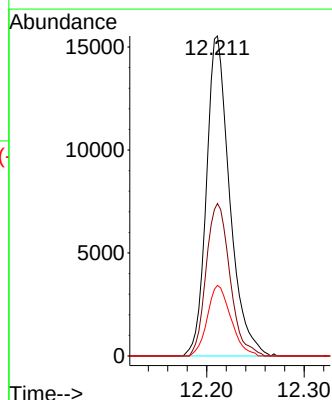
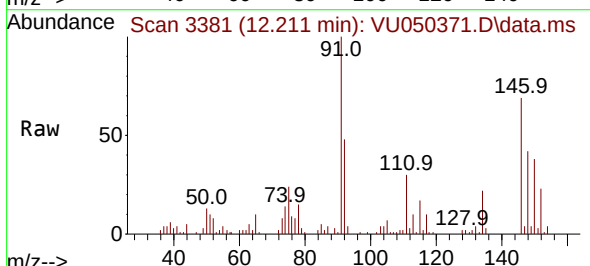
Delta R.T. -0.000 min

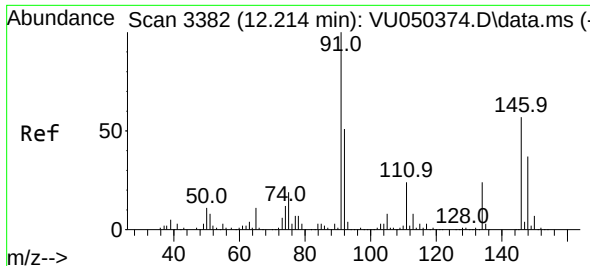
Lab File: VU050371.D

Acq: 19 Aug 2022 12:18

Tgt Ion: 91 Resp: 25746

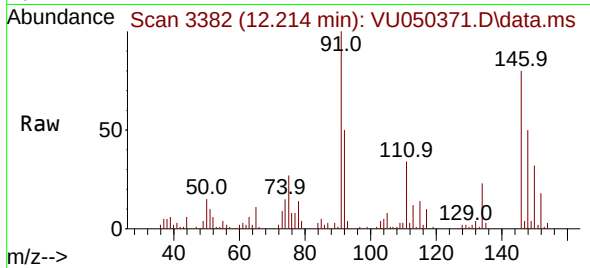
Ion	Ratio	Lower	Upper
91	100		
92	48.7	42.3	63.5
134	22.4	19.6	29.4





#85
1,2-Dichlorobenzene
Concen: 0.921 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

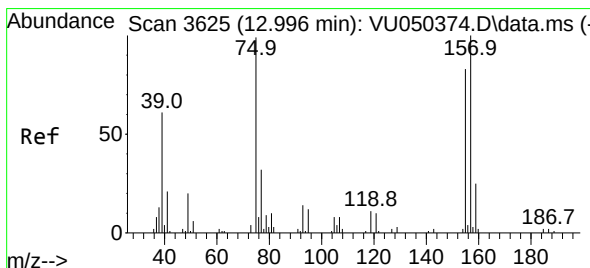
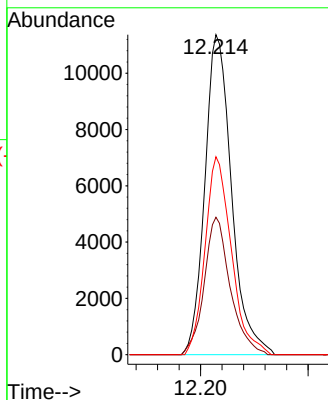
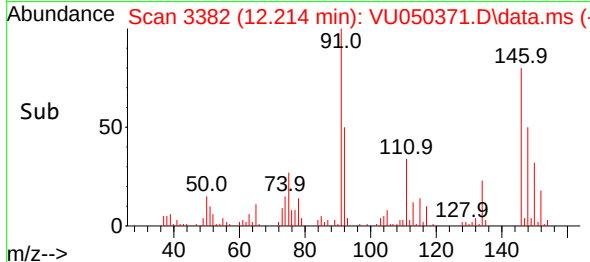
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



Tgt Ion:146 Resp: 1959
Ion Ratio Lower Upper
146 100
111 41.9 22.1 66.1
148 61.1 32.1 96.3

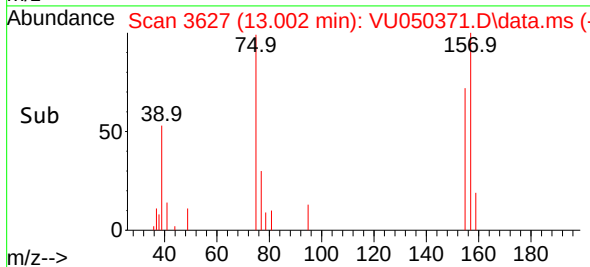
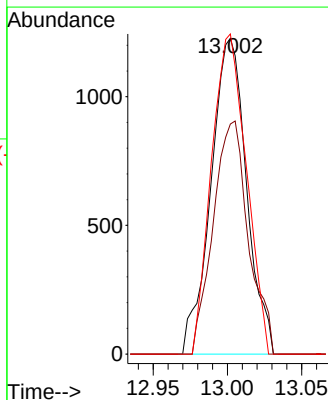
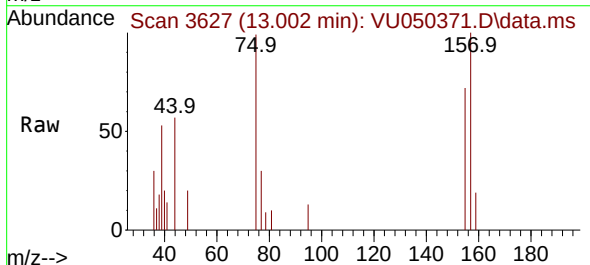
Manual Integrations
APPROVED

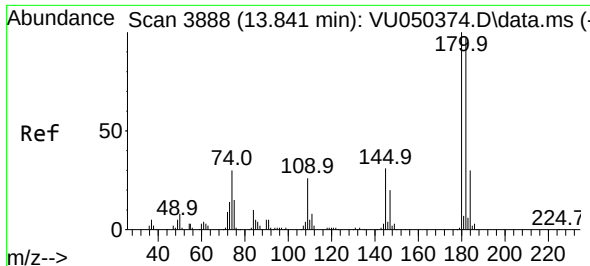
Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#86
1,2-Dibromo-3-Chloropropane
Concen: 1.013 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.006 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

Tgt Ion: 75 Resp: 2047
Ion Ratio Lower Upper
75 100
155 73.1 66.8 100.2
157 98.9 83.8 125.8





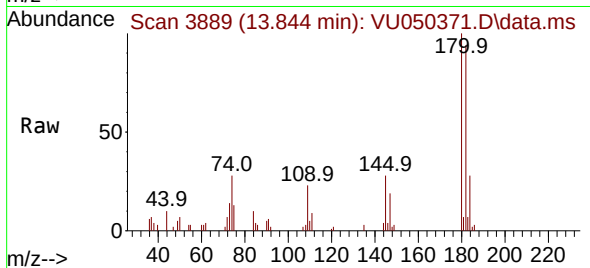
#87
 1,2,4-Trichlorobenzene
 Concen: 0.876 ug/l
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.003 min
 Lab File: VU050371.D
 Acq: 19 Aug 2022 12:18

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001



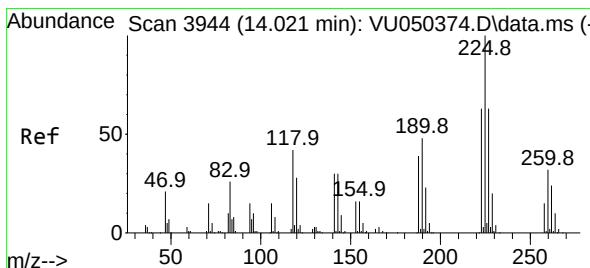
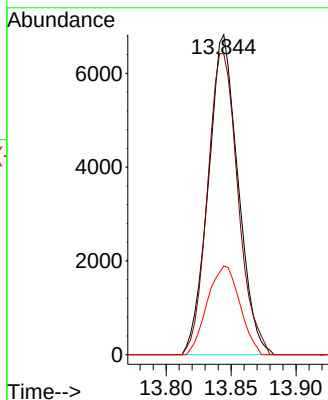
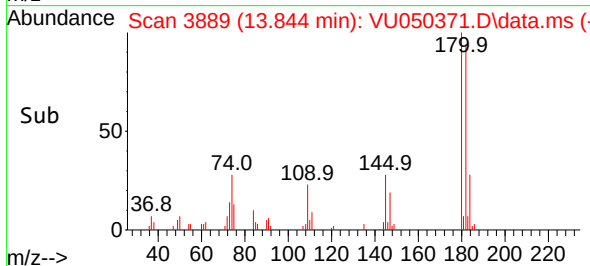
Tgt Ion:180 Resp: 1086
 Ion Ratio Lower Upper
 180 100
 182 96.4 77.0 115.6
 145 30.2 25.7 38.5

Manual Integrations

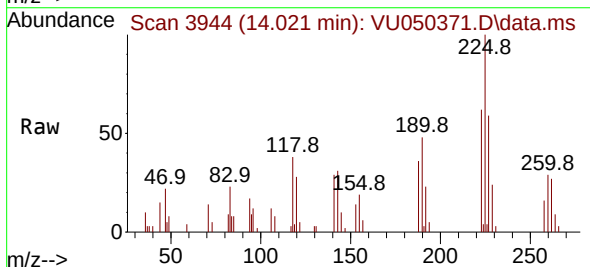
APPROVED

Reviewed By :Krupa Patel 08/30/2022

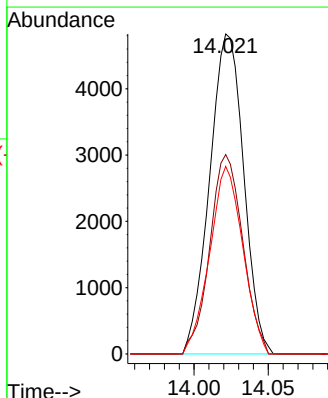
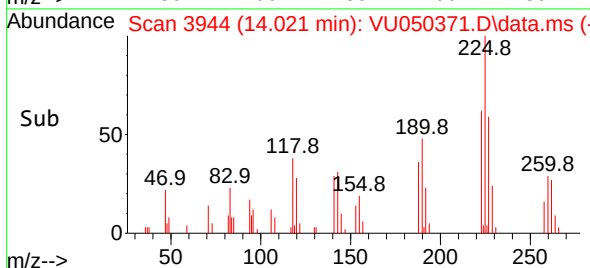
Supervised By :Mahesh Dadoda 09/09/2022

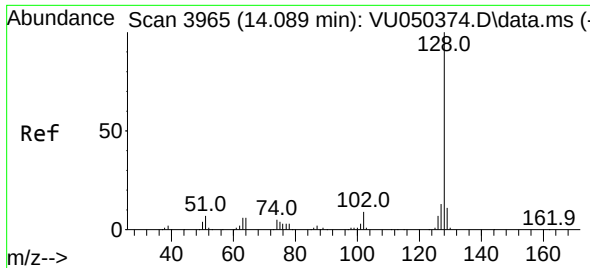


#88
 Hexachlorobutadiene
 Concen: 1.049 ug/l
 RT: 14.021 min Scan# 3944
 Delta R.T. -0.000 min
 Lab File: VU050371.D
 Acq: 19 Aug 2022 12:18



Tgt Ion:225 Resp: 7695
 Ion Ratio Lower Upper
 225 100
 223 60.3 50.6 76.0
 227 57.0 50.7 76.1





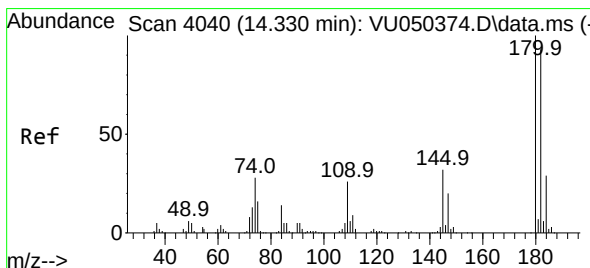
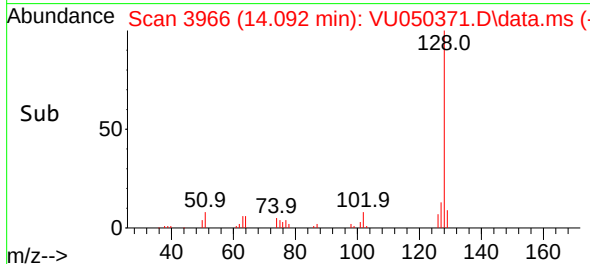
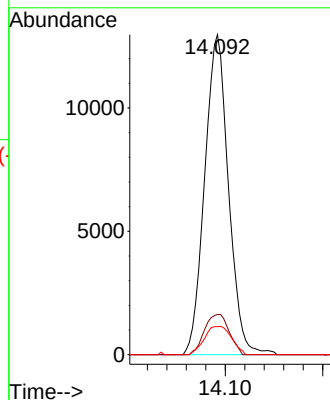
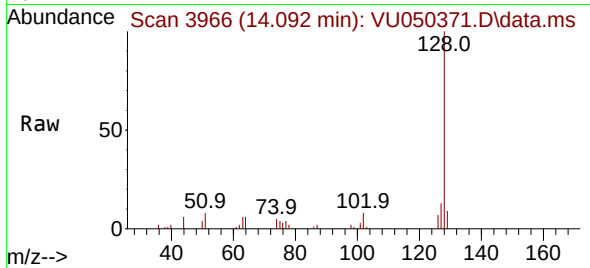
#89
Naphthalene
Concen: 0.784 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 2200
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.0 8.6 12.8

Manual Integrations
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Reviewed By :Krupa Patel 08/30/2022
Supervised By :Mahesh Dadoda 09/09/2022



#90
1,2,3-Trichlorobenzene
Concen: 0.855 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU050371.D
Acq: 19 Aug 2022 12:18

Tgt Ion:180 Resp: 10918
Ion Ratio Lower Upper
180 100
182 96.7 76.6 114.8
145 29.4 27.3 40.9

