

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121523\
 Data File : VX039222.D
 Acq On : 15 Dec 2023 09:36
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 16 01:10:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	10574m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	86406	30.000	ug/l	-0.01
57) Chlorobenzene-d5	10.049	117	105062	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	48954	33.841	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 112.800%#			
60) 4-Bromofluorobenzene	11.079	95	73456	32.011	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 106.700%			
63) Toluene-d8	8.647	98	125699	30.261	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.867%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	33613	21.238	ug/l	94
3) Chloromethane	1.295	50	36100	19.921	ug/l	96
4) Vinyl Chloride	1.374	62	35371	19.334	ug/l	100
5) Bromomethane	1.605	94	22371	19.992	ug/l	95
6) Chloroethane	1.691	64	20276	19.032	ug/l	96
7) Trichlorofluoromethane	1.886	101	52773	20.900	ug/l	97
8) Diethyl Ether	2.130	74	18747	19.342	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	33505	23.481	ug/l	99
10) 1,1-Dichloroethene	2.319	96	31346	21.794	ug/l	97
11) Methyl Iodide	2.453	142	30110	19.104	ug/l	96
12) Methyl Acetate	2.697	43	106774	23.802	ug/l	98
13) Acrolein	2.233	56	31474	80.091	ug/l	98
14) Acrylonitrile	3.056	53	117054	106.688	ug/l	99
15) Acetone	2.374	58	40763	102.211	ug/l	96
16) Carbon Disulfide	2.514	76	84115	19.310	ug/l	98
17) Allyl chloride	2.666	41	65181	22.828	ug/l	94
18) Methylene Chloride	2.788	84	38101	22.348	ug/l	97
19) trans-1,2-Dichloroethene	3.093	96	34520	21.221	ug/l	96
20) Diisopropyl ether	3.751	45	123519	22.732	ug/l	94
21) 1,1-Dichloroethane	3.605	63	67756	22.428	ug/l	99
22) cis-1,2-Dichloroethene	4.483	96	39227	20.808	ug/l	92
23) tert-Butyl Alcohol	2.941	59	52582	86.571	ug/l #	100
24) Methyl tert-Butyl Ether	3.105	73	117905	22.253	ug/l	95
25) Chloroform	5.087	83	66649	21.981	ug/l	97
26) Cyclohexane	5.458	56	57504	21.030	ug/l #	97
29) 1,1-Dichloropropene	5.684	75	50383	20.801	ug/l	98
30) 2-Butanone	4.544	43	181453	99.499	ug/l	98
31) 2,2-Dichloropropane	4.465	77	57798	20.870	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	57916	20.687	ug/l	98
33) Carbon Tetrachloride	5.672	117	46050	19.528	ug/l	95
34) Benzene	6.031	78	142362	20.176	ug/l	99
35) Methacrylonitrile	4.910	41	33990	21.041	ug/l	96
36) 1,2-Dichloroethane	6.080	62	57287	22.127	ug/l	97
37) Trichloroethene	7.117	130	35656	19.910	ug/l	98
38) Methylcyclohexane	7.373	83	58399	19.350	ug/l	94
39) 1,2-Dichloropropane	7.428	63	37625	20.219	ug/l	93
40) Dibromomethane	7.580	93	26567	20.206	ug/l	97
41) Bromodichloromethane	7.818	83	52265	20.691	ug/l	99
42) Vinyl Acetate	3.715	43	450203	103.647	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.702	43	61932	19.739	ug/l	100
44) Isopropyl Acetate	6.330	43	99815	20.181	ug/l	98
45) 1,4-Dioxane	7.653	88	17435	345.308	ug/l	98
46) Methyl methacrylate	7.690	41	58289	20.613	ug/l	98
47) n-amyl Acetate	10.842	43	84378	20.156	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	56857	19.413	ug/l	97
49) cis-1,3-Dichloropropene	8.360	75	62789	20.781	ug/l	97
50) 1,1,2-Trichloroethane	9.147	97	36286	20.316	ug/l	95
51) Ethyl methacrylate	9.110	69	46050	20.597	ug/l	97
52) 1,3-Dichloropropane	9.305	76	63470	20.724	ug/l	100
53) Dibromochloromethane	9.519	129	37207	19.397	ug/l	98
54) 1,2-Dibromoethane	9.604	107	39031	19.927	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	136252	96.146	ug/l	99
56) Bromoform	10.799	173	24572	17.749	ug/l	98
58) 4-Methyl-2-Pentanone	8.568	43	336356	105.574	ug/l	99
59) 2-Hexanone	9.427	43	280760	107.358	ug/l	98
61) Tetrachloroethene	9.269	164	27434	20.084	ug/l	94
62) Toluene	8.714	91	153613	20.594	ug/l	99
64) Chlorobenzene	10.079	112	90998	20.056	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	33161	20.294	ug/l	98
66) Ethyl Benzene	10.189	91	174671	20.565	ug/l	98
67) m/p-Xylenes	10.299	106	126030	40.156	ug/l	95
68) o-Xylene	10.640	106	61091	20.094	ug/l	97
69) Styrene	10.653	104	90025	20.008	ug/l	97
70) Isopropylbenzene	10.957	105	169055	20.783	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.207	83	63221	20.820	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	55803m	21.717	ug/l	
73) Bromobenzene	11.195	156	36656	19.793	ug/l	92
74) n-propylbenzene	11.305	91	210648	21.137	ug/l	98
75) 2-Chlorotoluene	11.360	91	122988	21.035	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	142534	20.340	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	18377	18.049	ug/l	91
78) 4-Chlorotoluene	11.451	91	145074	21.104	ug/l	96
79) tert-butylbenzene	11.713	119	134847	20.237	ug/l	96
80) 1,2,4-Trimethylbenzene	11.750	105	144124	20.550	ug/l	99
81) sec-Butylbenzene	11.890	105	174641	20.732	ug/l	99
82) p-Isopropyltoluene	12.006	119	146192	20.477	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	70942	20.017	ug/l	97
84) 1,4-Dichlorobenzene	12.036	146	72801	20.019	ug/l	98
85) n-Butylbenzene	12.329	91	145511	20.639	ug/l	98
86) Hexachloroethane	12.536	117	25653	18.964	ug/l	94
87) 1,2-Dichlorobenzene	12.335	146	68570	20.120	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	15415	19.849	ug/l	96
89) 1,2,4-Trichlorobenzene	13.585	180	44720	19.792	ug/l	96
90) Hexachlorobutadiene	13.725	225	16695	20.693	ug/l	96
91) Naphthalene	13.774	128	159622	19.155	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	43903	20.060	ug/l	98

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

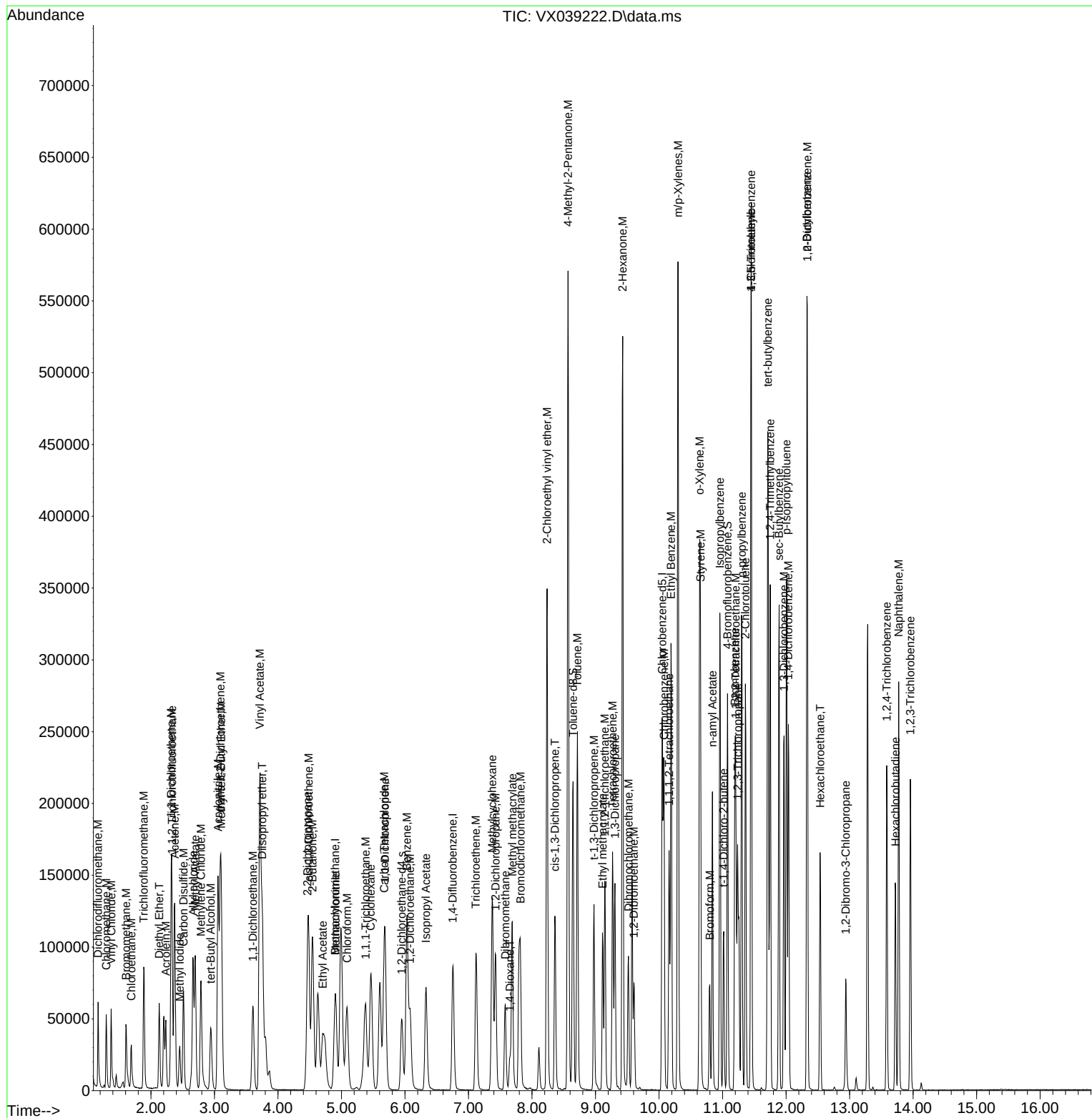
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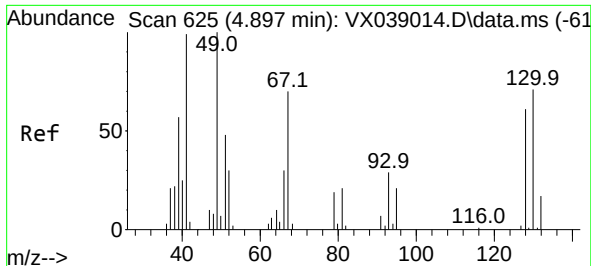
Instrument :
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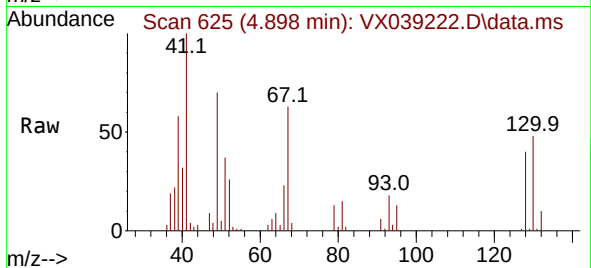
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023





#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 4.898 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

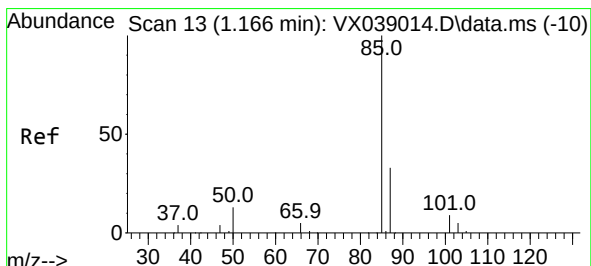
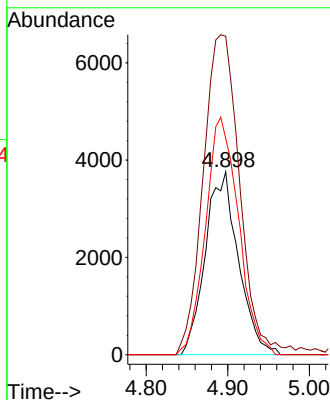
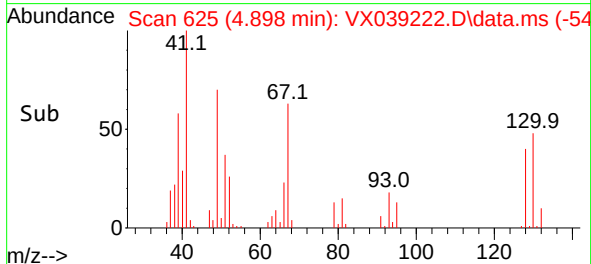
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ClientSampleId :
VSTDCCC020



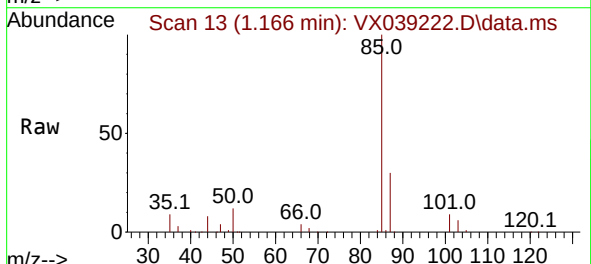
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Ion Ratio Lower Upper
128 100
49 192.2 0.0 444.0
130 130.2 0.0 297.8

Manual Integrations
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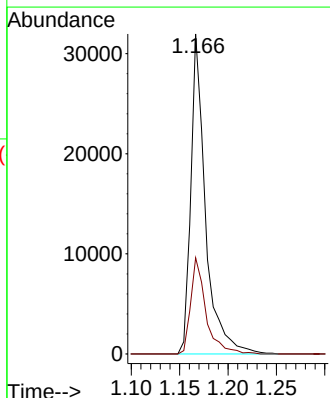
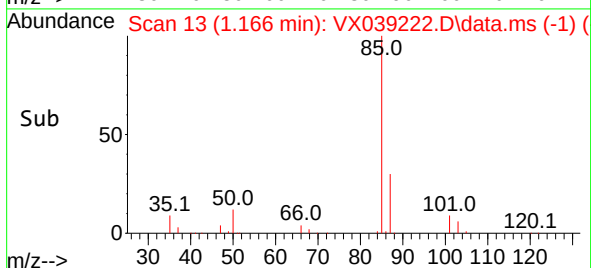
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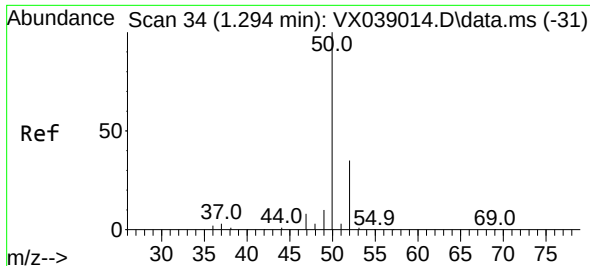


#2
Dichlorodifluoromethane
Concen: 21.238 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36



Tgt Ion: 85 Resp: 33613
Ion Ratio Lower Upper
85 100
87 30.0 16.7 50.1





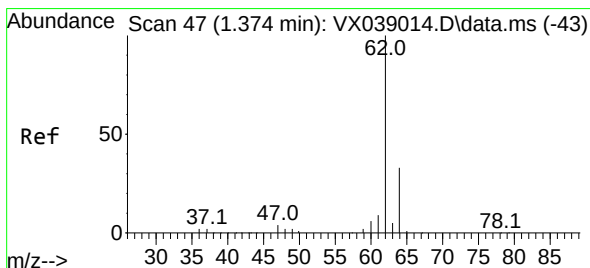
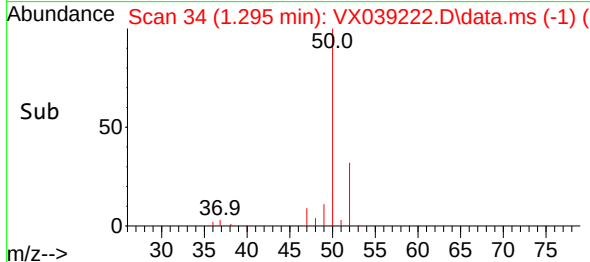
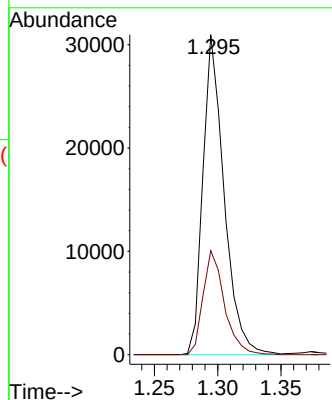
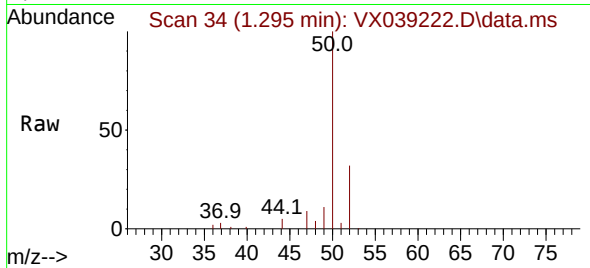
#3
Chloromethane
Concen: 19.921 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Instrument :
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ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 36100
Ion Ratio Lower Upper
50 100
52 32.5 27.8 41.8

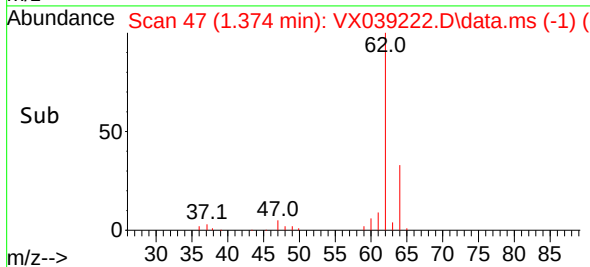
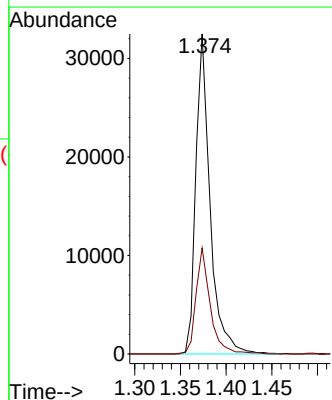
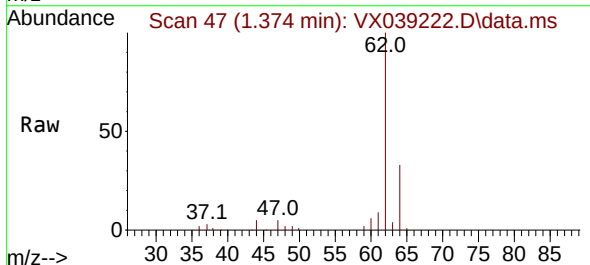
Manual Integrations
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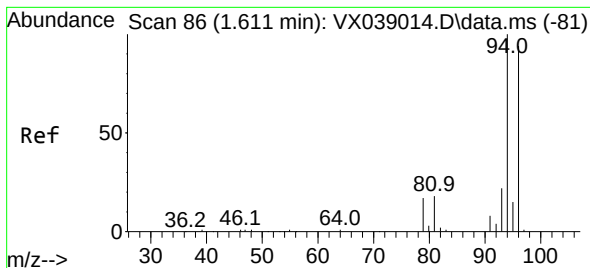
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#4
Vinyl Chloride
Concen: 19.334 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 62 Resp: 35371
Ion Ratio Lower Upper
62 100
64 33.1 26.3 39.5





#5

Bromomethane

Concen: 19.992 ug/l

RT: 1.605 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX039222.D

Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 94 Resp: 2237

Ion Ratio Lower Upper

94 100

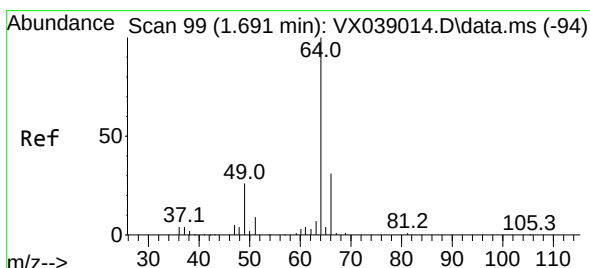
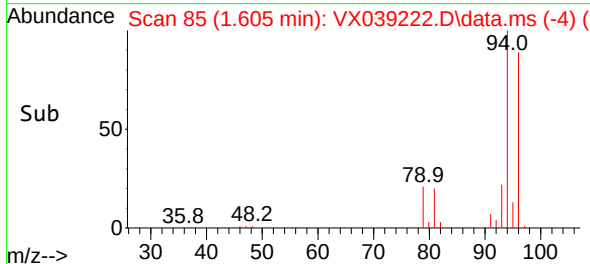
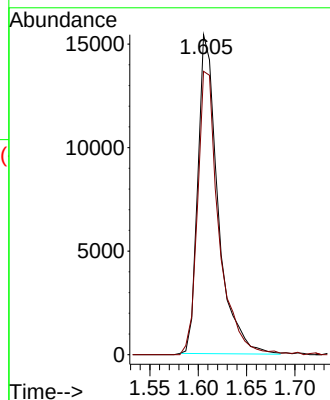
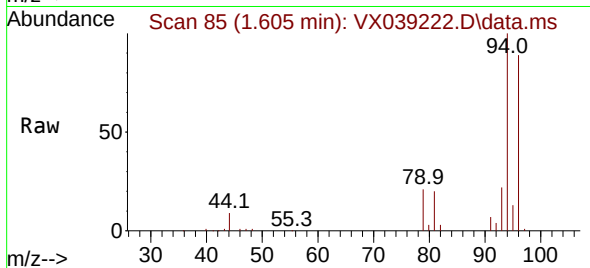
96 88.9 74.9 112.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#6

Chloroethane

Concen: 19.032 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.000 min

Lab File: VX039222.D

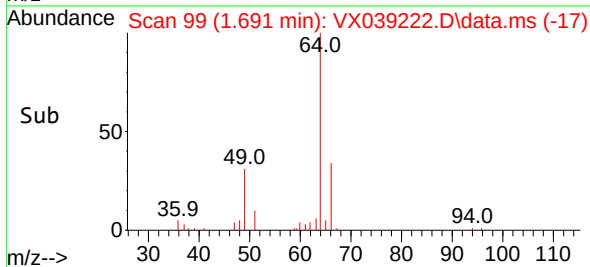
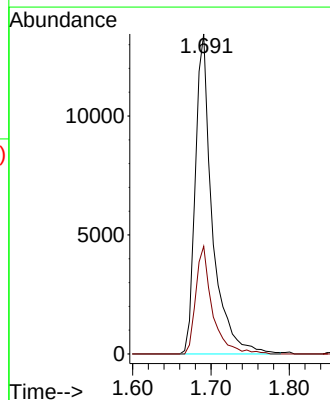
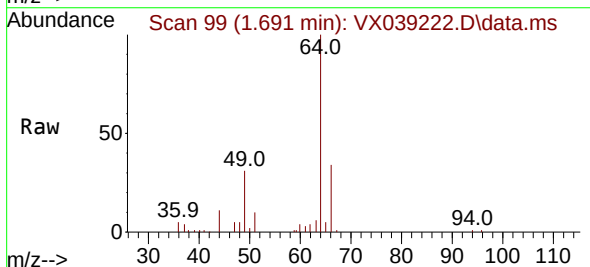
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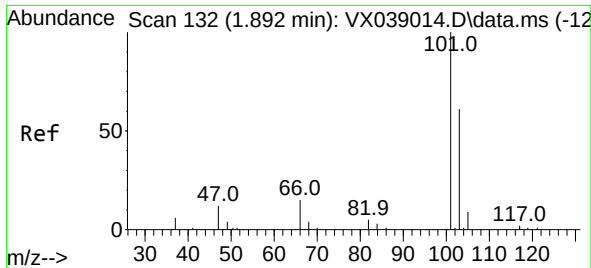
Tgt Ion: 64 Resp: 20276

Ion Ratio Lower Upper

64 100

66 33.6 25.0 37.6





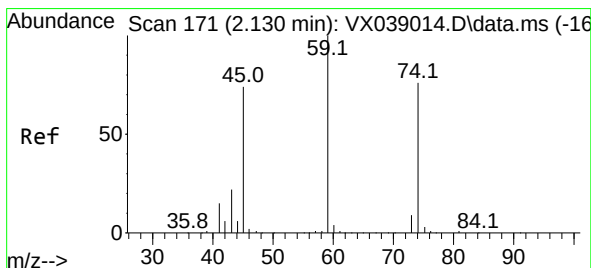
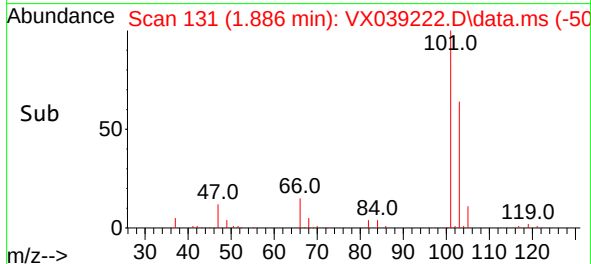
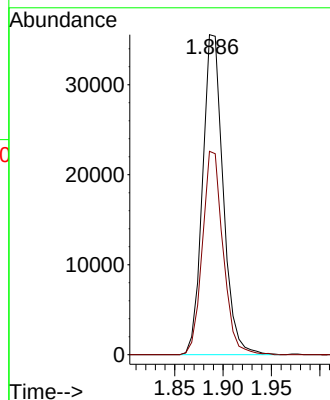
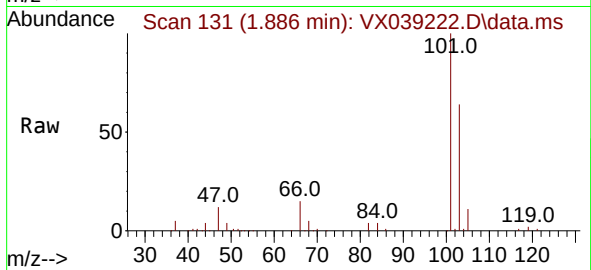
#7
Trichlorofluoromethane
Concen: 20.900 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039222.D
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Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 5277
Ion Ratio Lower Upper
101 100
103 63.6 49.1 73.7

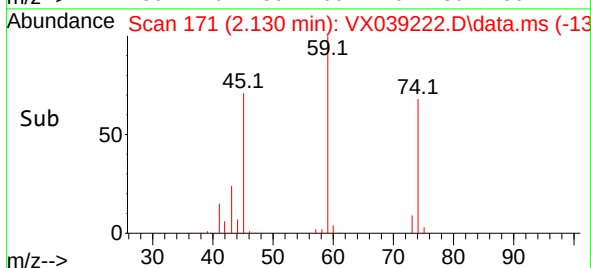
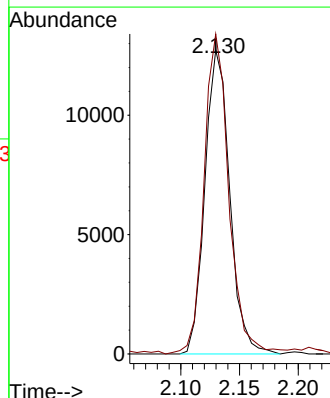
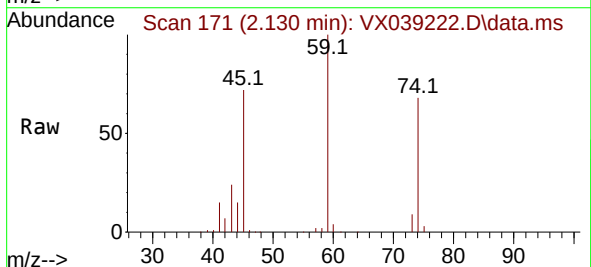
Manual Integrations
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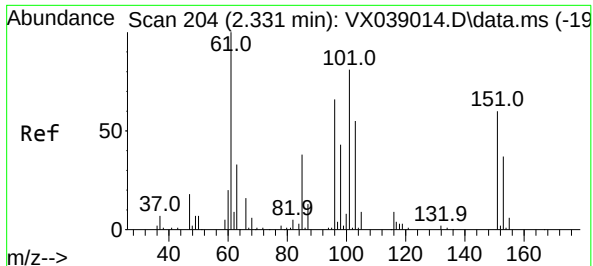
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#8
Diethyl Ether
Concen: 19.342 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 74 Resp: 18747
Ion Ratio Lower Upper
74 100
45 104.4 20.5 184.5





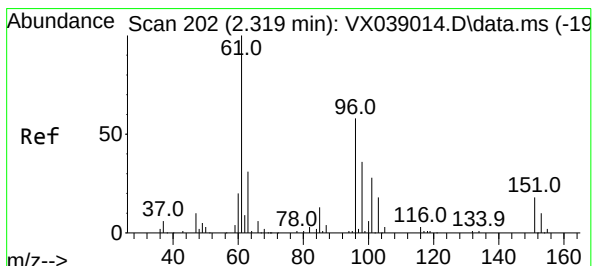
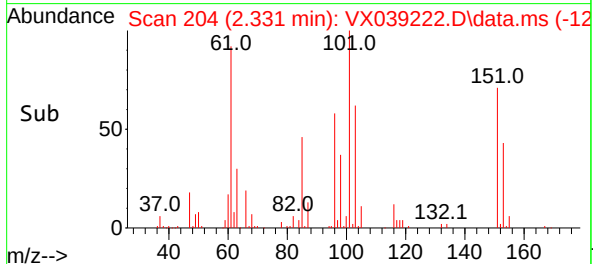
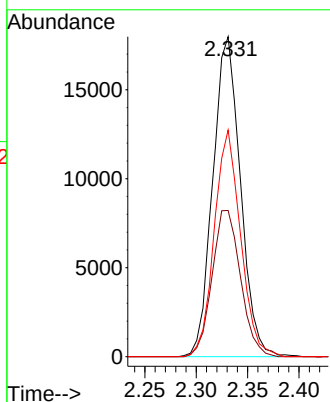
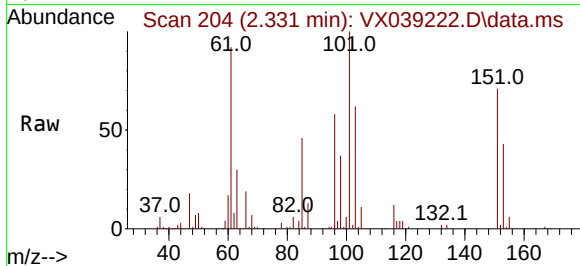
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.481 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039222.D
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Instrument :
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Tgt Ion:101 Resp: 3350
Ion Ratio Lower Upper
101 100
85 47.2 0.0 95.2
151 67.6 0.0 136.8

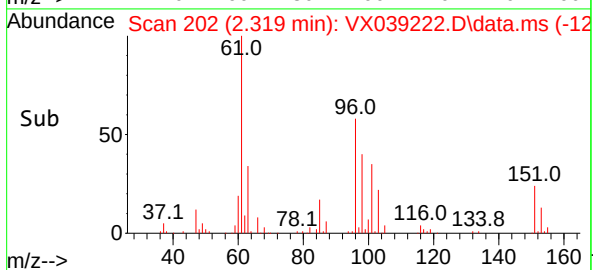
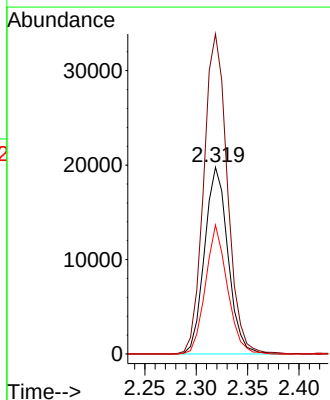
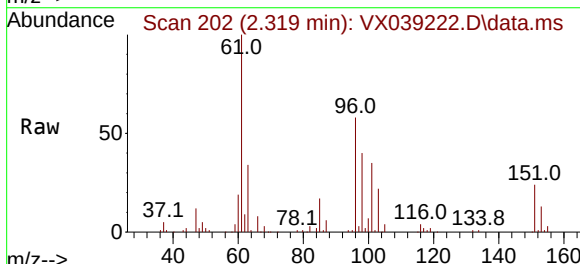
Manual Integrations
APPROVED

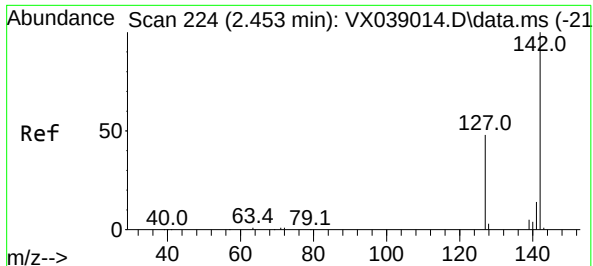
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#10
1,1-Dichloroethene
Concen: 21.794 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

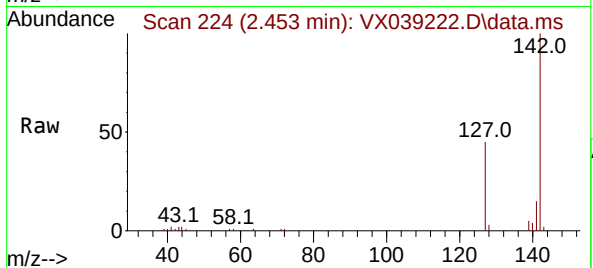
Tgt Ion: 96 Resp: 31346
Ion Ratio Lower Upper
96 100
61 171.0 138.3 207.5
98 69.0 49.8 74.6





#11
Methyl Iodide
Concen: 19.104 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

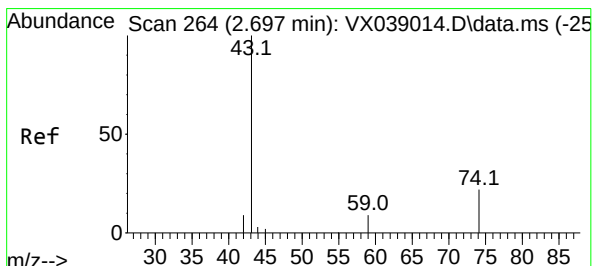
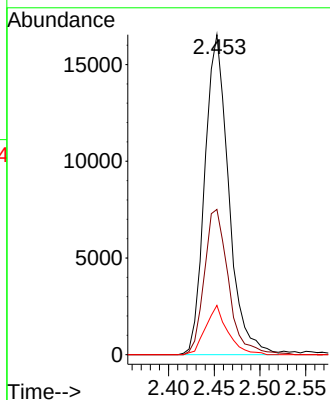
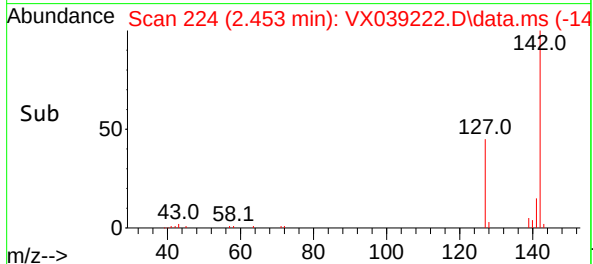
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



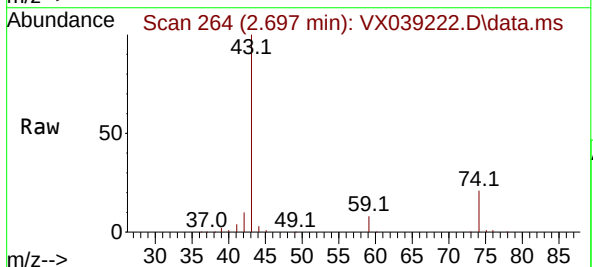
Tgt Ion:142 Resp: 30110
Ion Ratio Lower Upper
142 100
127 45.3 23.8 71.4
141 15.4 6.9 20.6

Manual Integrations
APPROVED

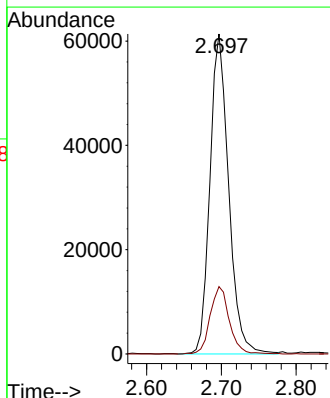
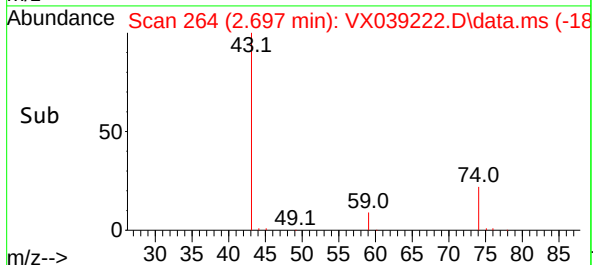
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

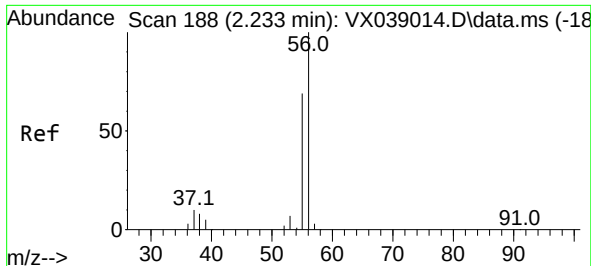


#12
Methyl Acetate
Concen: 23.802 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36



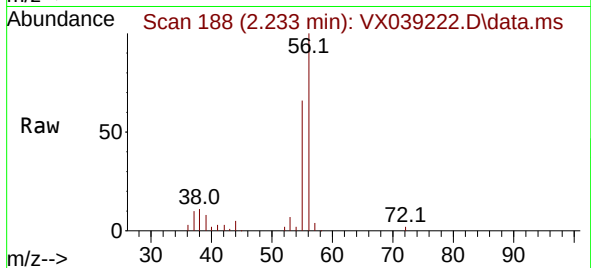
Tgt Ion: 43 Resp: 106774
Ion Ratio Lower Upper
43 100
74 21.0 17.8 26.6





#13
Acrolein
Concen: 80.091 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

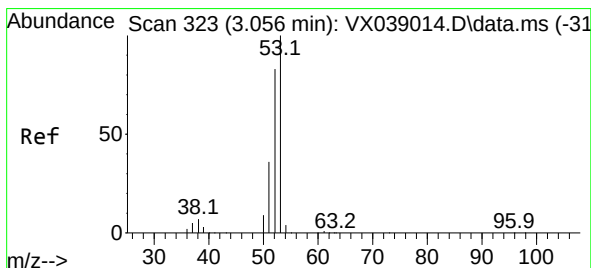
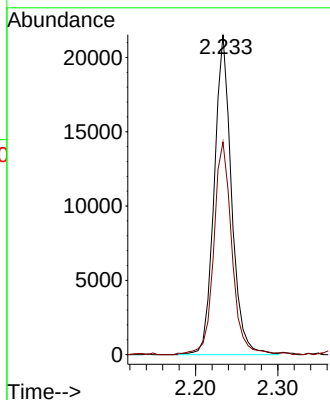
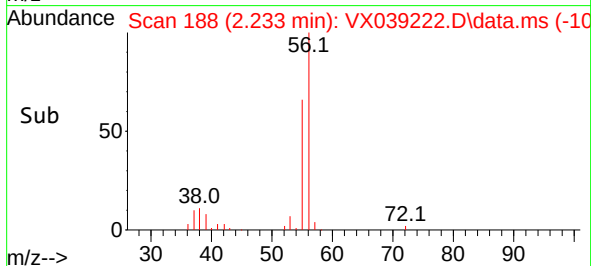
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 56 Resp: 31474
Ion Ratio Lower Upper
56 100
55 69.4 57.2 85.8

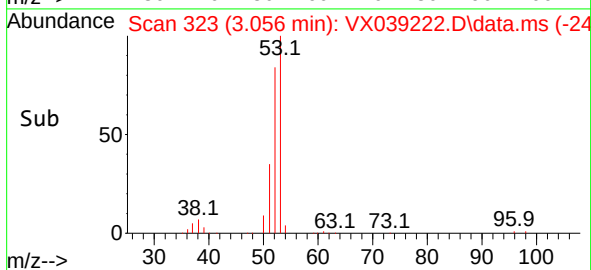
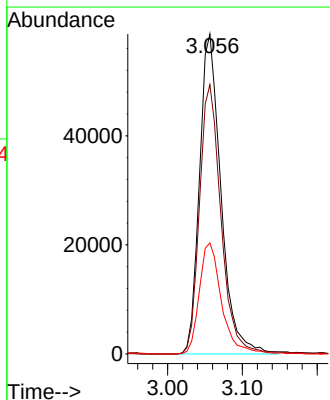
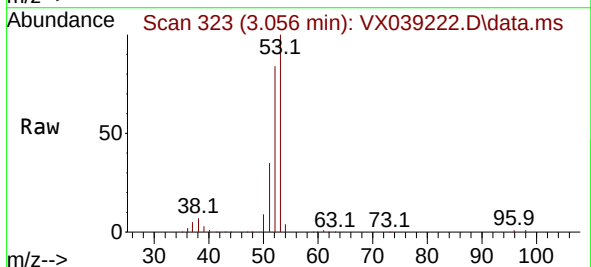
Manual Integrations
APPROVED

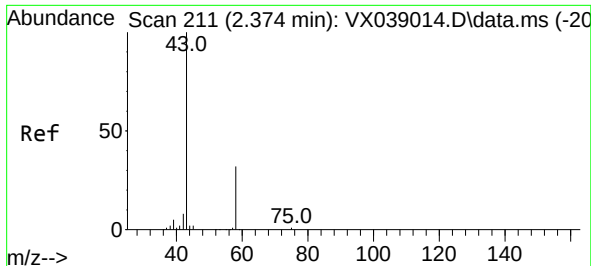
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#14
Acrylonitrile
Concen: 106.688 ug/l
RT: 3.056 min Scan# 323
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 53 Resp: 117054
Ion Ratio Lower Upper
53 100
52 84.0 41.9 125.6
51 35.9 18.3 54.9





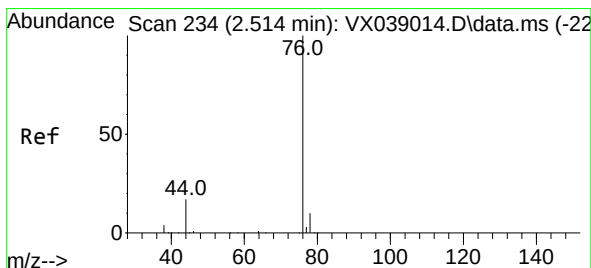
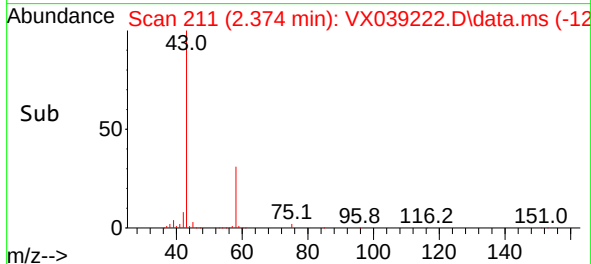
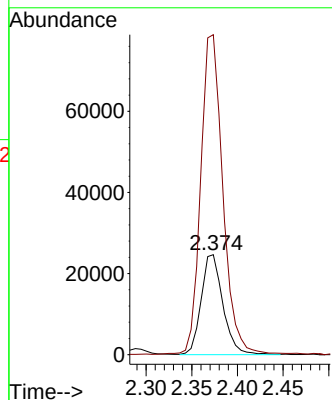
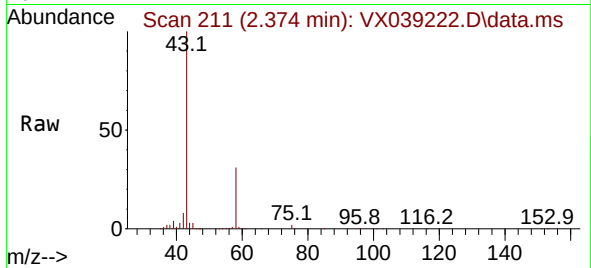
#15
Acetone
Concen: 102.211 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 58 Resp: 4076
Ion Ratio Lower Upper
58 100
43 319.5 249.9 374.9

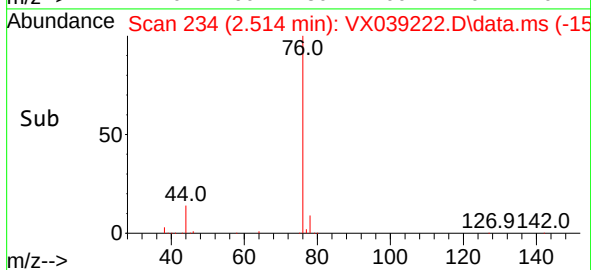
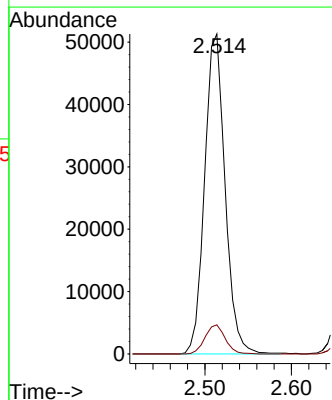
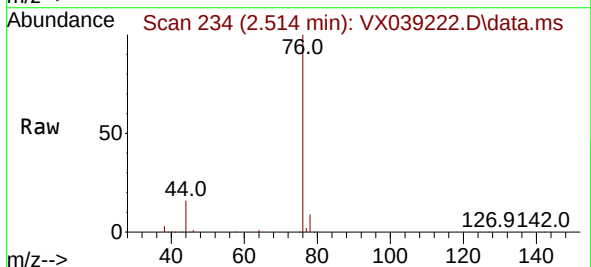
Manual Integrations
APPROVED

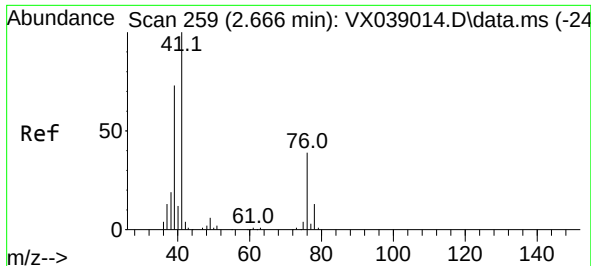
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#16
Carbon Disulfide
Concen: 19.310 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 76 Resp: 84115
Ion Ratio Lower Upper
76 100
78 9.1 8.0 12.0





#17
 Allyl chloride
 Concen: 22.828 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX039222.D
 Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

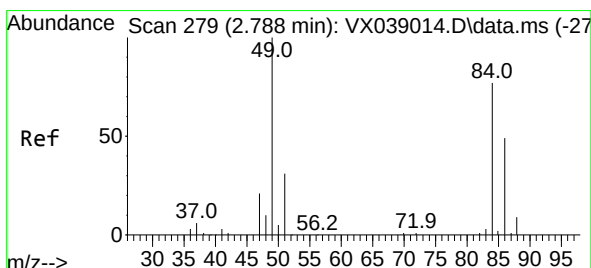
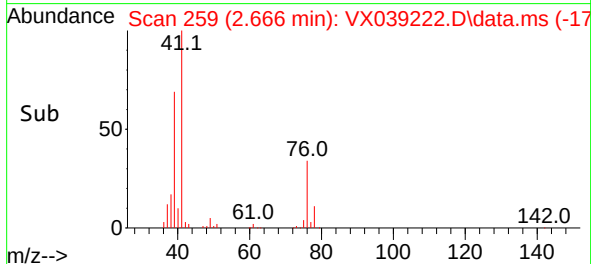
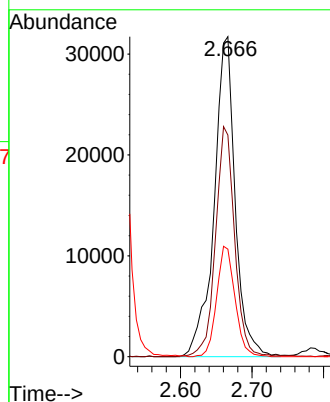
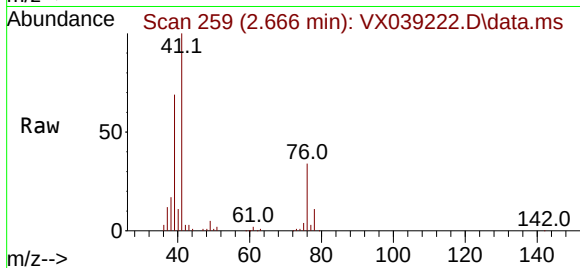
VSTDCCC020

Tgt Ion: 41 Resp: 6518
 Ion Ratio Lower Upper
 41 100
 39 69.0 36.5 109.5
 76 33.6 19.7 59.0

Manual Integrations

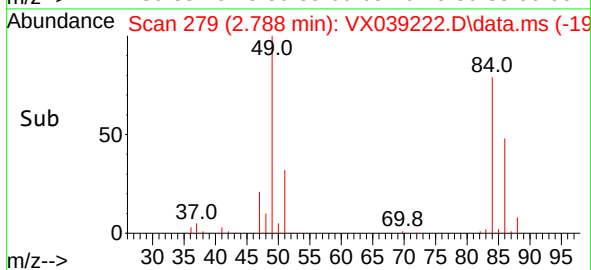
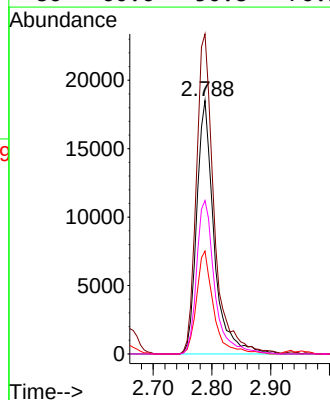
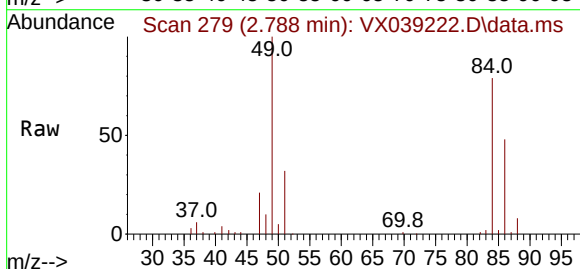
APPROVED

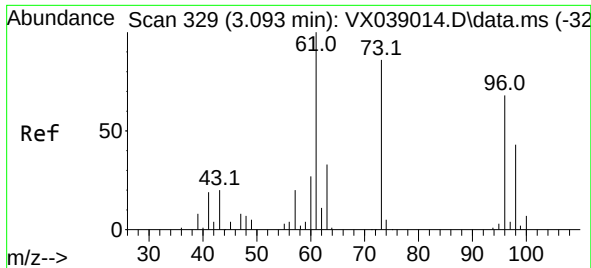
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#18
 Methylene Chloride
 Concen: 22.348 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX039222.D
 Acq: 15 Dec 2023 09:36

Tgt Ion: 84 Resp: 38101
 Ion Ratio Lower Upper
 84 100
 49 126.3 103.8 155.8
 51 40.6 31.8 47.6
 86 60.6 50.8 76.2





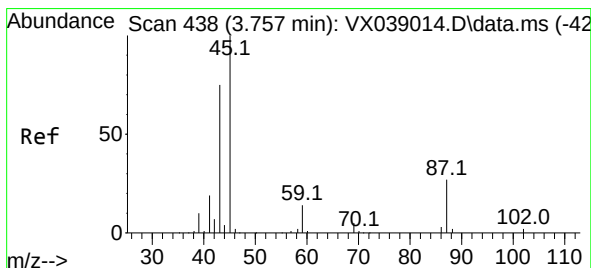
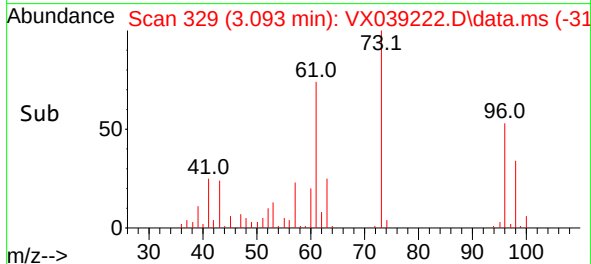
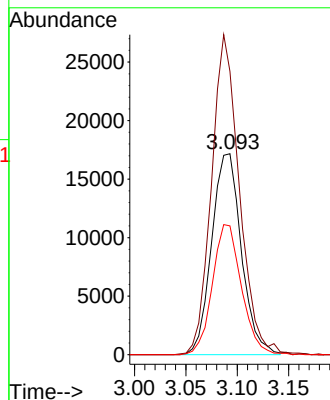
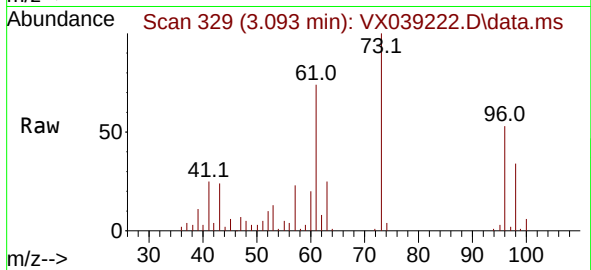
#19
trans-1,2-Dichloroethene
Concen: 21.221 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 96 Resp: 34520
Ion Ratio Lower Upper
96 100
61 140.6 117.9 176.9
98 64.1 51.0 76.6

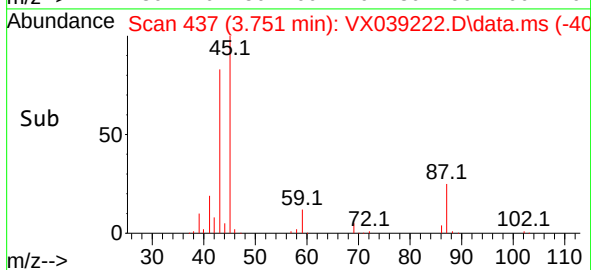
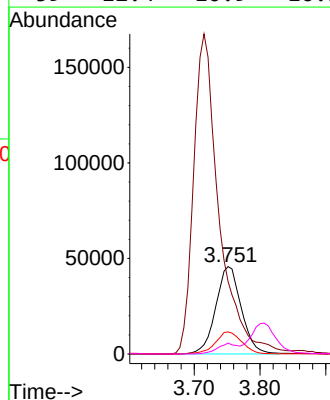
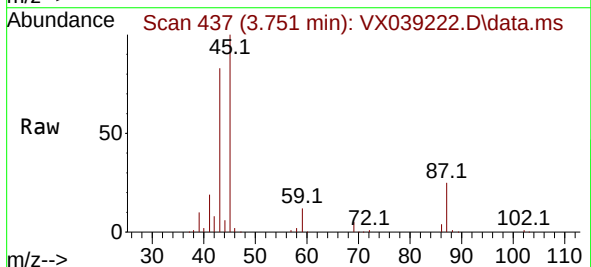
Manual Integrations
APPROVED

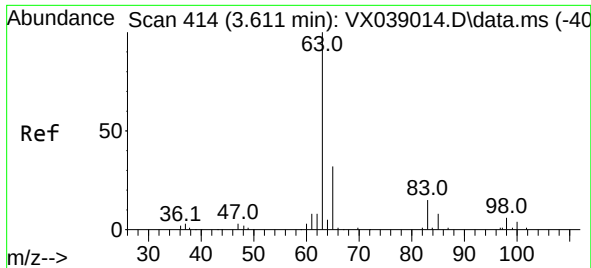
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#20
Diisopropyl ether
Concen: 22.732 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 45 Resp: 123519
Ion Ratio Lower Upper
45 100
43 78.4 67.7 101.5
87 25.4 21.5 32.3
59 12.4 10.9 16.3





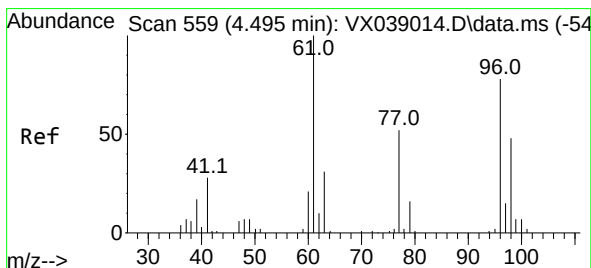
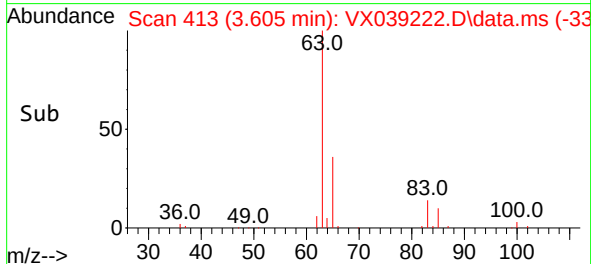
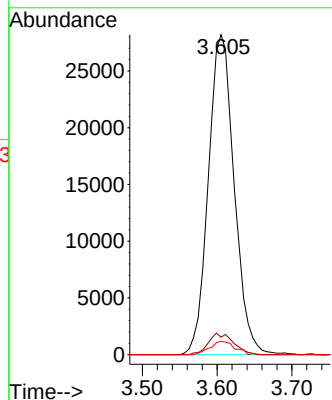
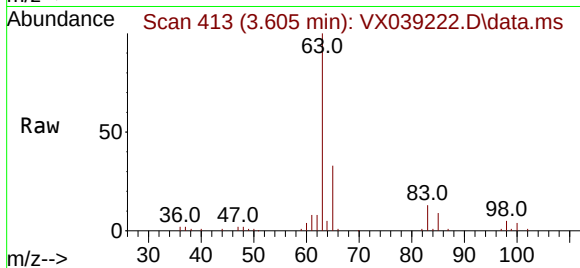
#21
1,1-Dichloroethane
Concen: 22.428 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 67750
Ion Ratio Lower Upper
63 100
98 5.4 2.9 8.8
100 4.2 2.0 5.8

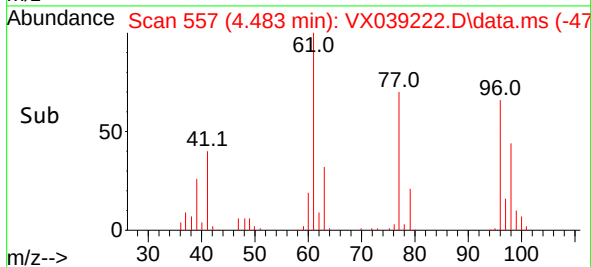
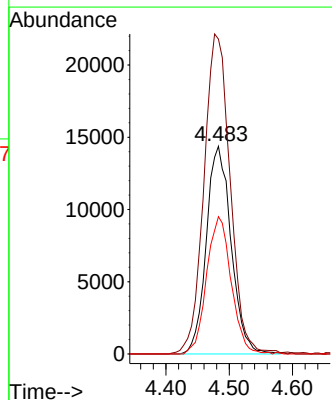
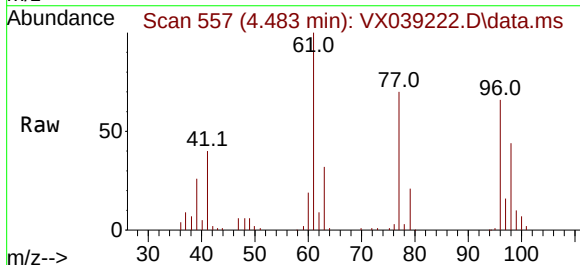
Manual Integrations
APPROVED

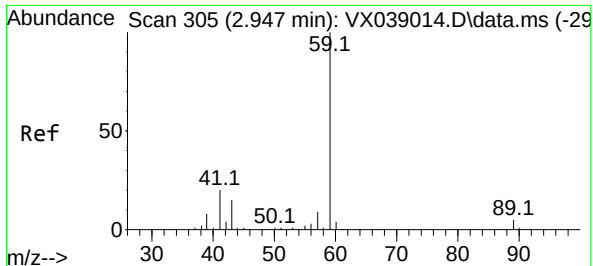
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#22
cis-1,2-Dichloroethene
Concen: 20.808 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 96 Resp: 39227
Ion Ratio Lower Upper
96 100
61 162.4 119.8 179.6
98 65.2 50.9 76.3





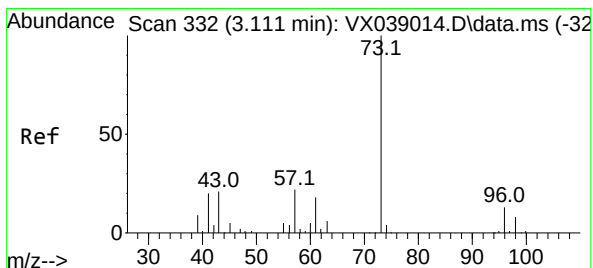
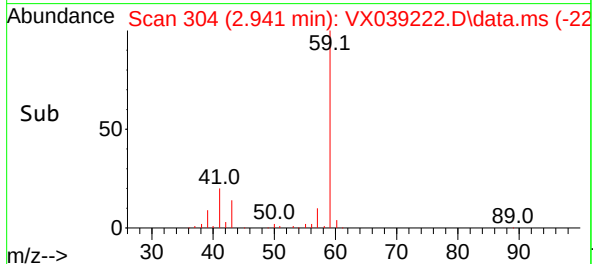
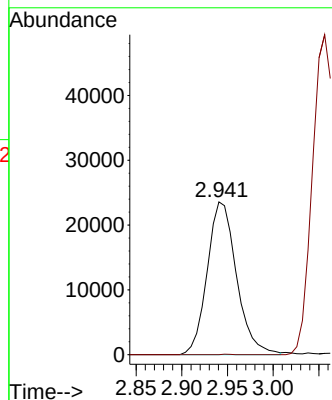
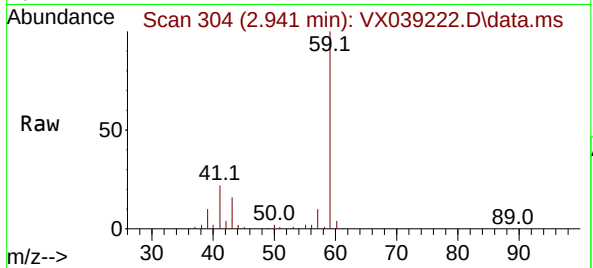
#23
tert-Butyl Alcohol
Concen: 86.571 ug/l
RT: 2.941 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 52582
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

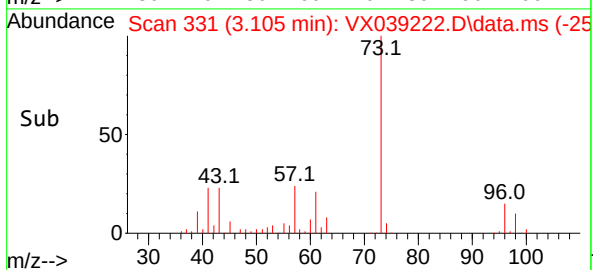
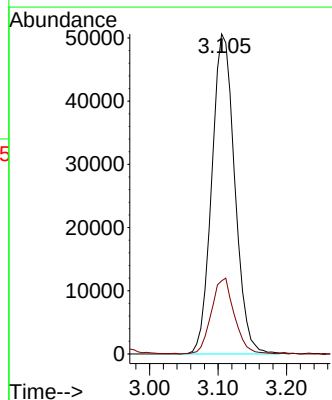
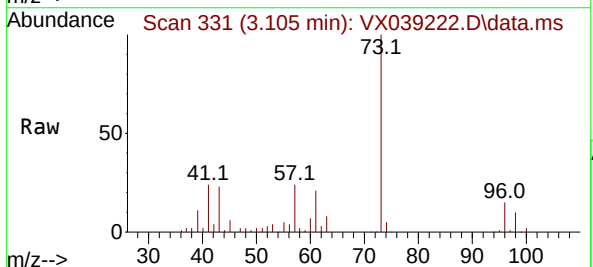
Manual Integrations
APPROVED

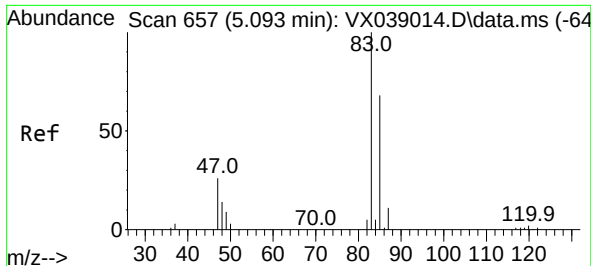
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#24
Methyl tert-Butyl Ether
Concen: 22.253 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 73 Resp: 117905
Ion Ratio Lower Upper
73 100
43 23.7 17.0 25.6





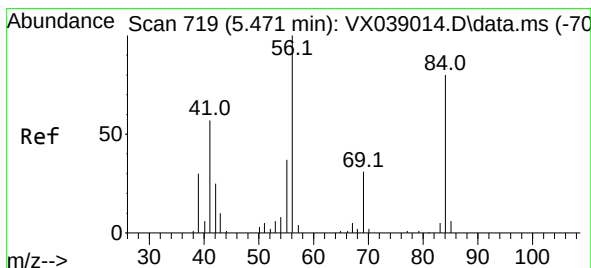
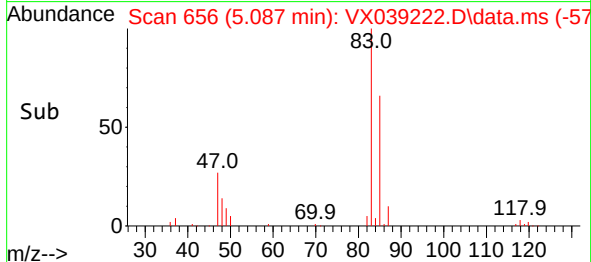
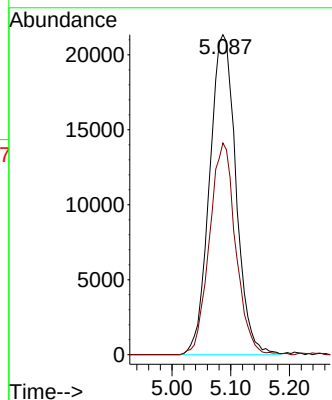
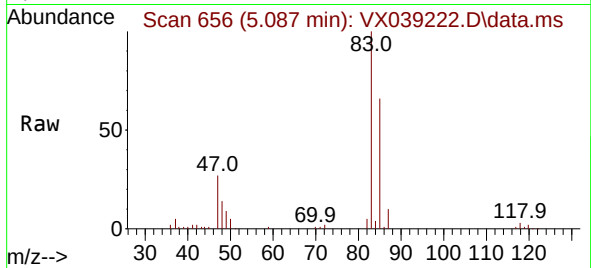
#25
Chloroform
Concen: 21.981 ug/l
RT: 5.087 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 66649
Ion Ratio Lower Upper
83 100
85 66.1 54.6 81.8

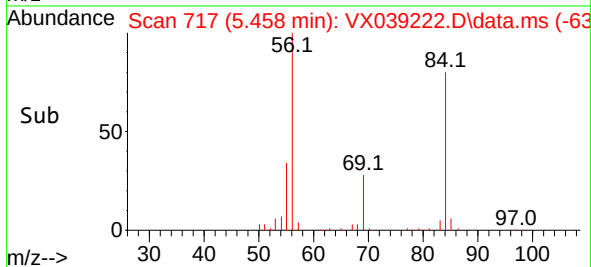
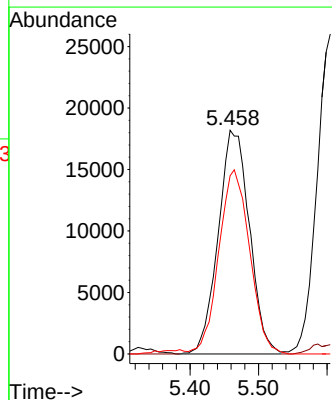
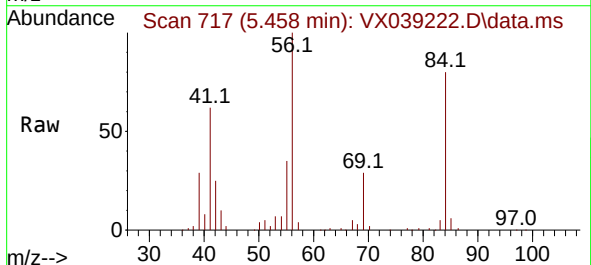
Manual Integrations
APPROVED

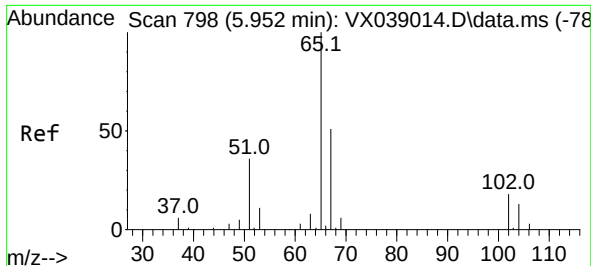
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#26
Cyclohexane
Concen: 21.030 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.012 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 56 Resp: 57504
Ion Ratio Lower Upper
56 100
89 1.9 0.0 0.0#
84 81.5 67.2 100.8





#27

1,2-Dichloroethane-d4

Concen: 33.841 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX039222.D

Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 48954

Ion Ratio Lower Upper

65 100

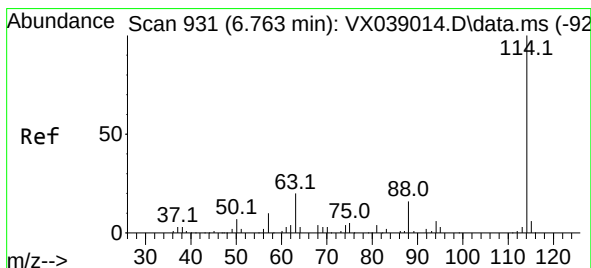
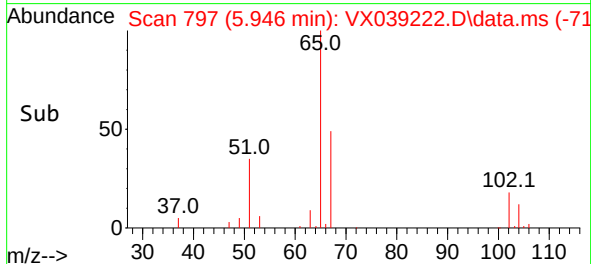
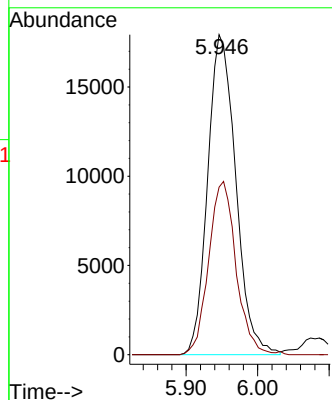
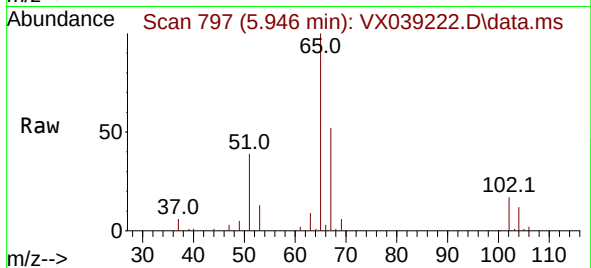
67 52.6 42.5 63.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.012 min

Lab File: VX039222.D

Acq: 15 Dec 2023 09:36

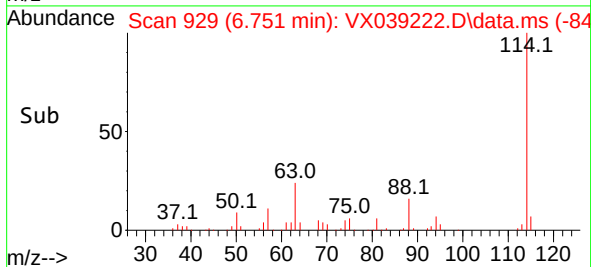
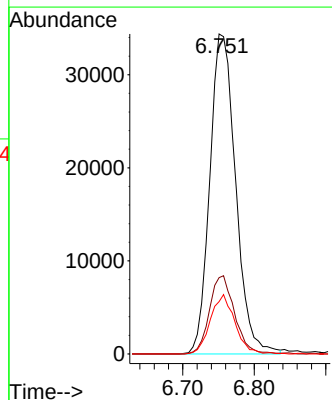
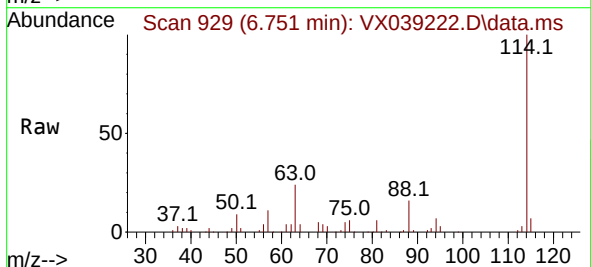
Tgt Ion:114 Resp: 86406

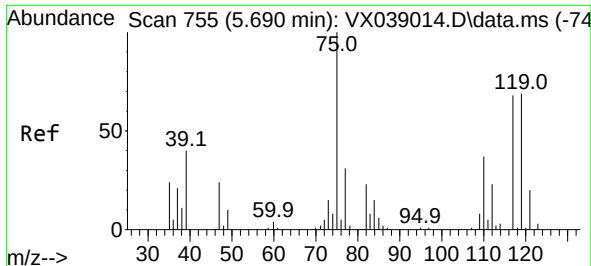
Ion Ratio Lower Upper

114 100

63 23.7 17.0 25.4

88 17.5 12.7 19.1





#29

1,1-Dichloropropene

Concen: 20.801 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX039222.D

Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 5038

Ion Ratio Lower Upper

75 100

110 34.2 0.0 71.2

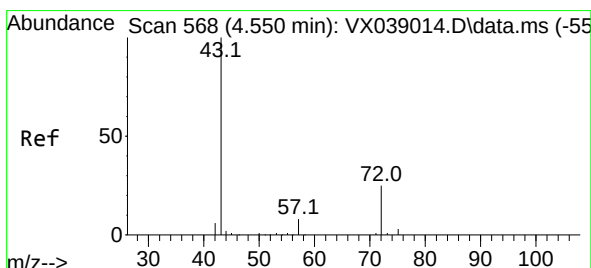
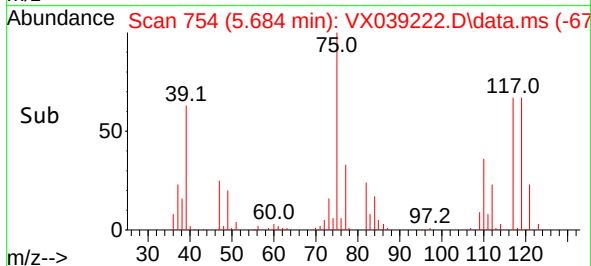
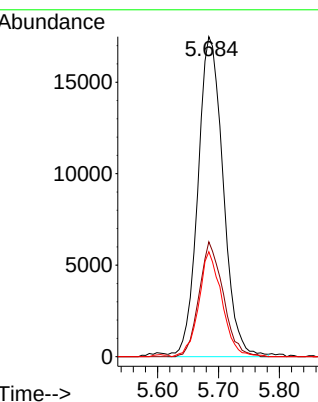
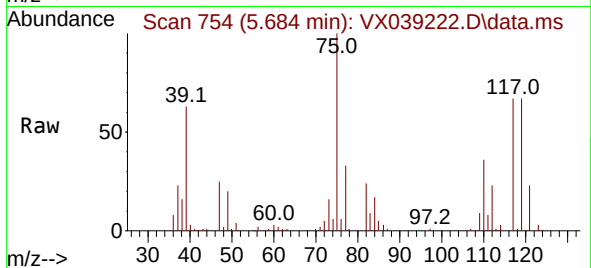
77 30.1 0.0 62.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#30

2-Butanone

Concen: 99.499 ug/l

RT: 4.544 min Scan# 567

Delta R.T. -0.006 min

Lab File: VX039222.D

Acq: 15 Dec 2023 09:36

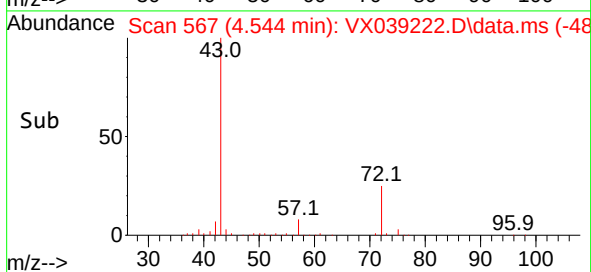
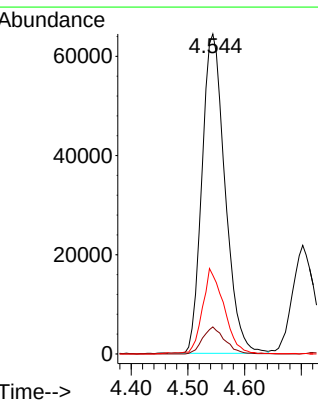
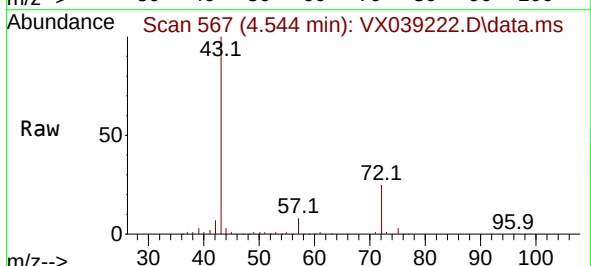
Tgt Ion: 43 Resp: 181453

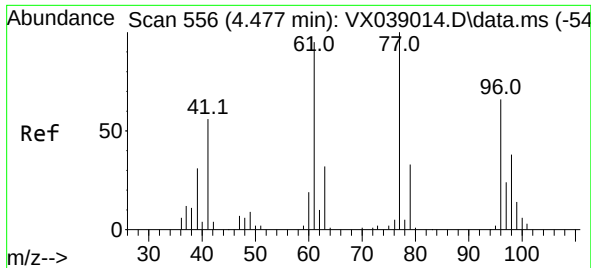
Ion Ratio Lower Upper

43 100

57 8.1 6.6 10.0

72 24.8 20.6 31.0





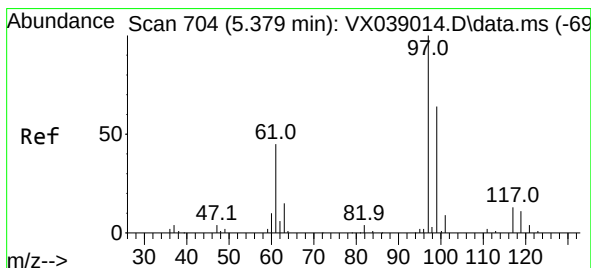
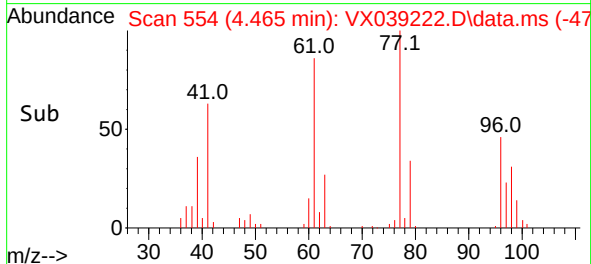
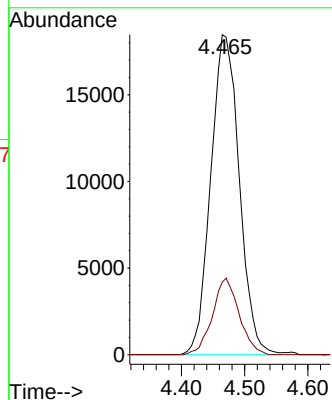
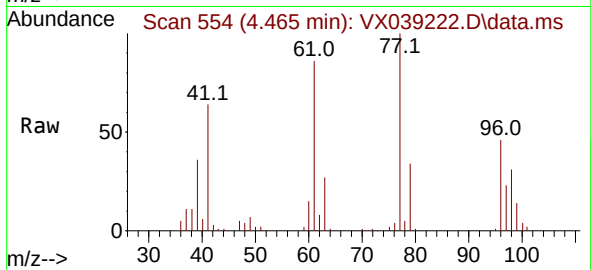
#31
2,2-Dichloropropane
Concen: 20.870 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.012 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 57798
Ion Ratio Lower Upper
77 100
97 22.3 18.2 27.4

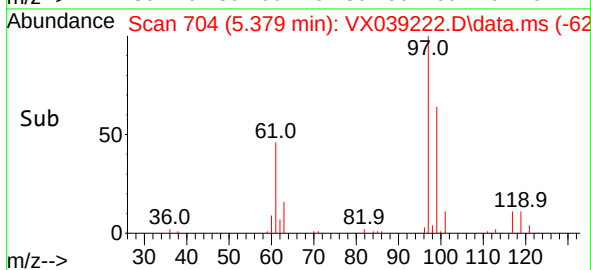
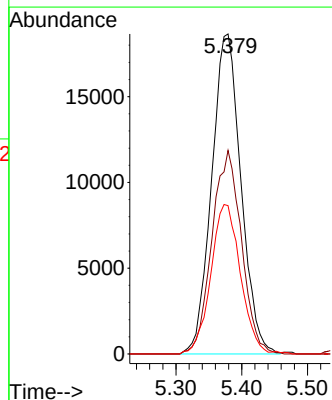
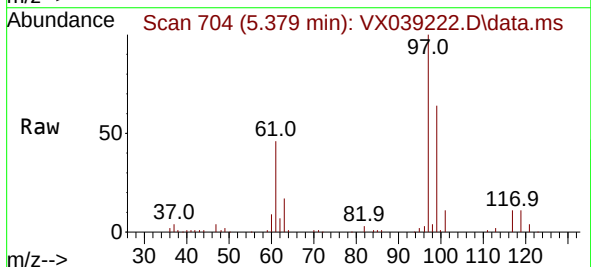
Manual Integrations
APPROVED

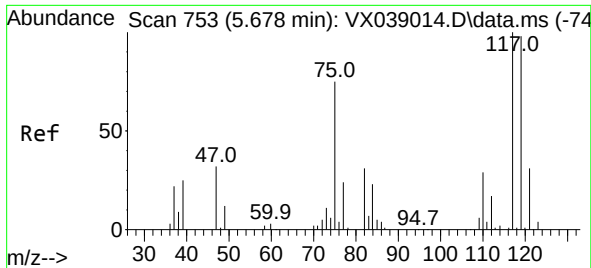
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#32
1,1,1-Trichloroethane
Concen: 20.687 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

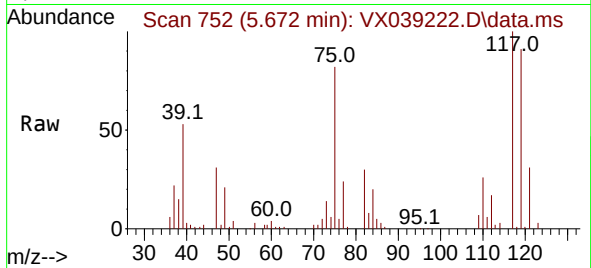
Tgt Ion: 97 Resp: 57916
Ion Ratio Lower Upper
97 100
99 63.9 52.6 79.0
61 47.0 36.9 55.3





#33
Carbon Tetrachloride
Concen: 19.528 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

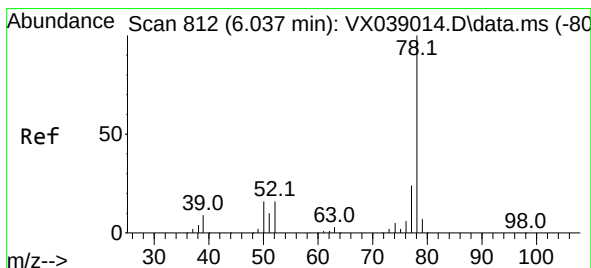
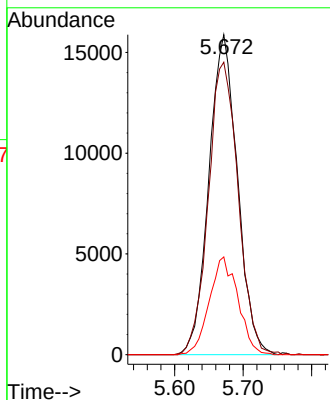
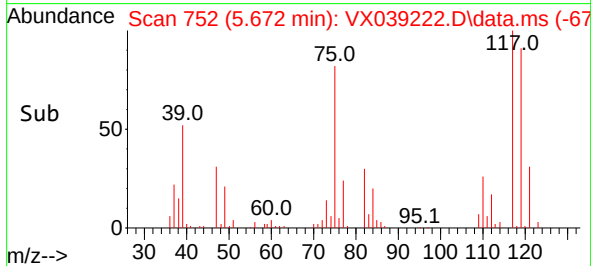
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:117 Resp: 46050
Ion Ratio Lower Upper
117 100
119 91.0 78.2 117.4
121 30.5 24.7 37.1

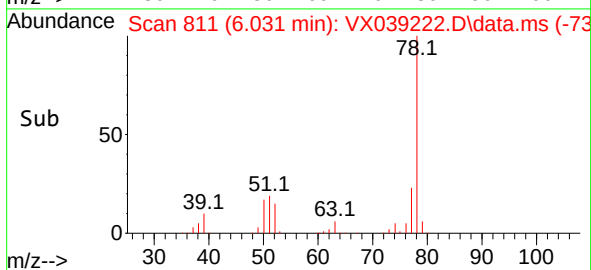
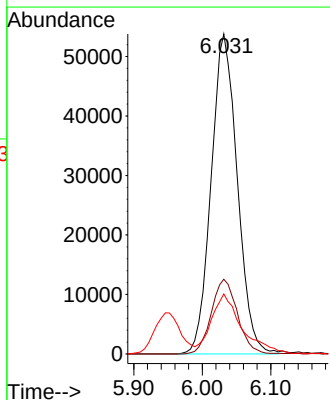
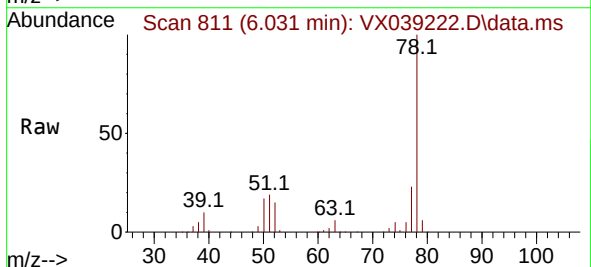
Manual Integrations
APPROVED

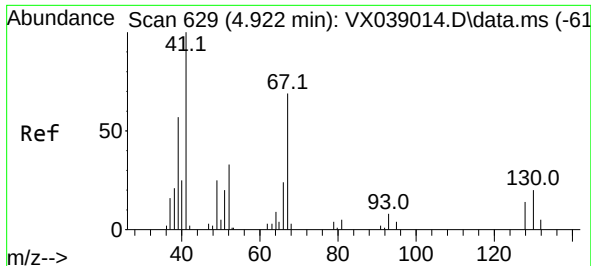
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#34
Benzene
Concen: 20.176 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 78 Resp: 142362
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9
51 17.7 14.4 21.6





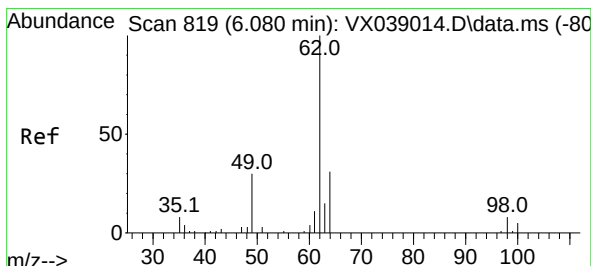
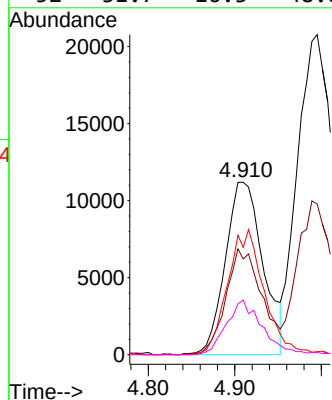
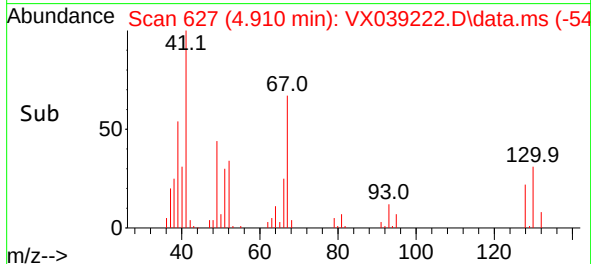
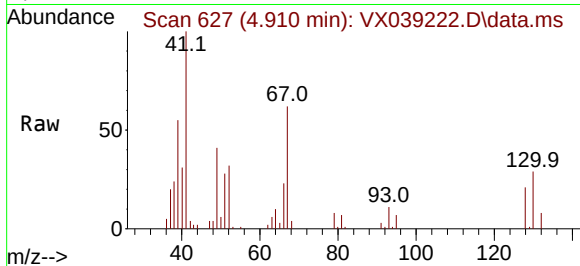
#35
Methacrylonitrile
Concen: 21.041 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 41 Resp: 33990
Ion Ratio Lower Upper
41 100
39 55.5 28.2 84.7
67 62.1 34.5 103.5
52 31.7 16.3 48.8

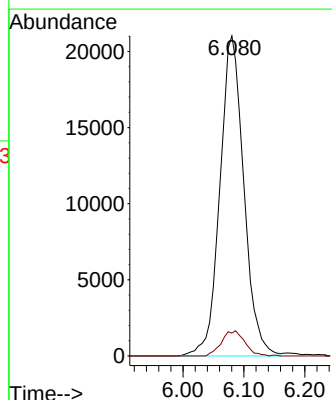
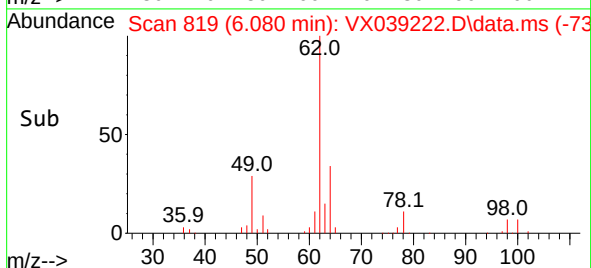
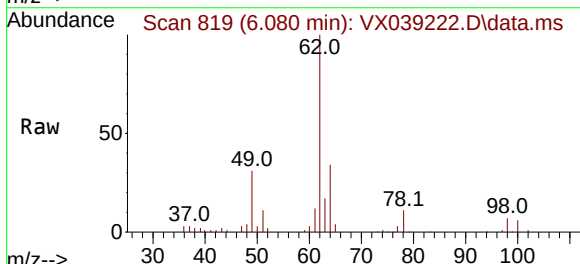
Manual Integrations
APPROVED

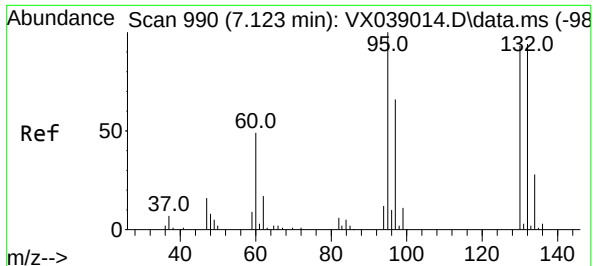
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#36
1,2-Dichloroethane
Concen: 22.127 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 62 Resp: 57287
Ion Ratio Lower Upper
62 100
98 7.6 7.0 10.4





#37

Trichloroethene

Concen: 19.910 ug/l

RT: 7.117 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX039222.D

Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 35650

Ion Ratio Lower Upper

130 100

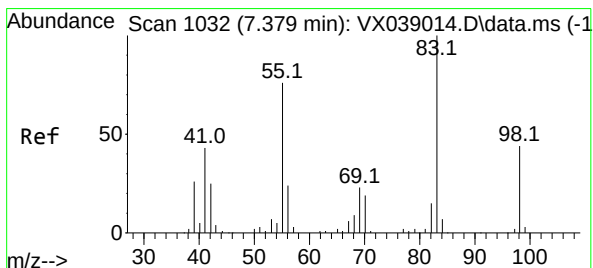
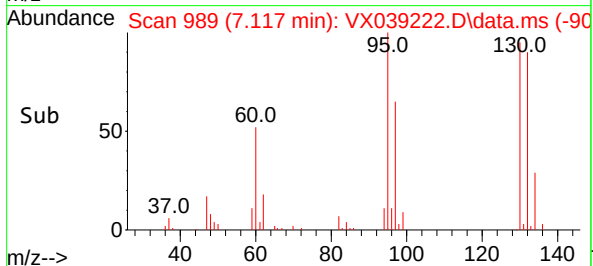
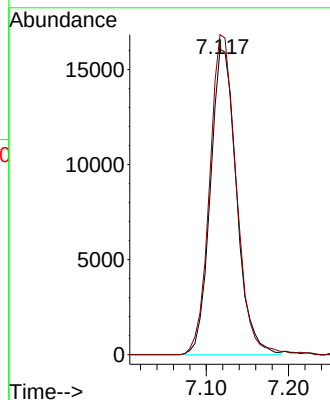
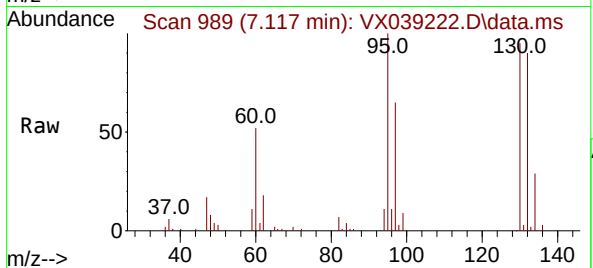
95 104.8 85.8 128.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#38

Methylcyclohexane

Concen: 19.350 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX039222.D

Acq: 15 Dec 2023 09:36

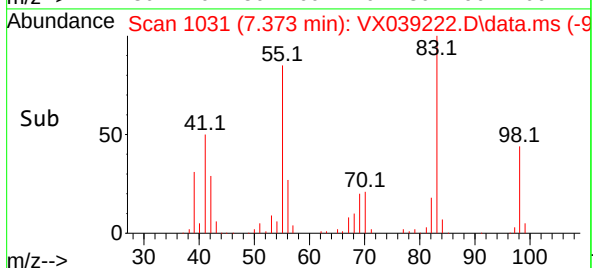
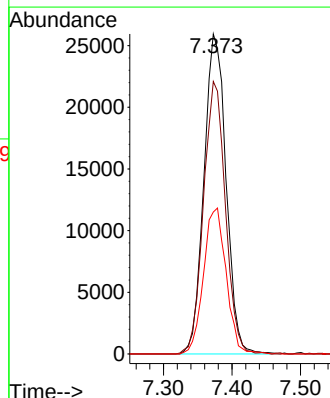
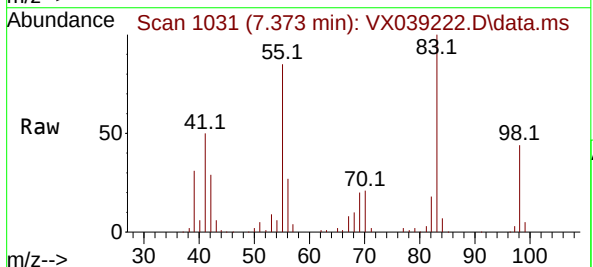
Tgt Ion: 83 Resp: 58399

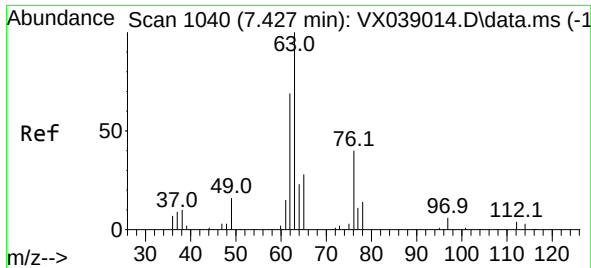
Ion Ratio Lower Upper

83 100

55 84.1 38.6 116.0

98 46.2 22.3 66.8





#39
1,2-Dichloropropane
Concen: 20.219 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

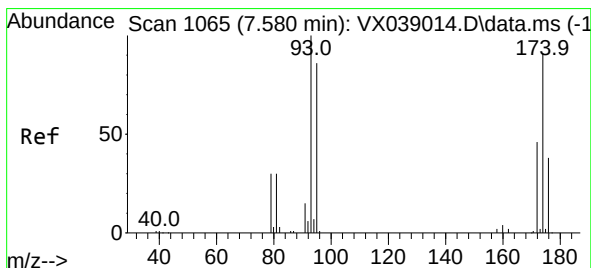
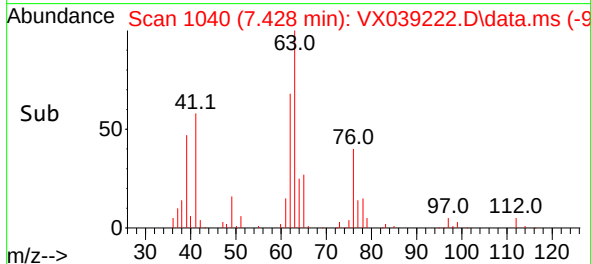
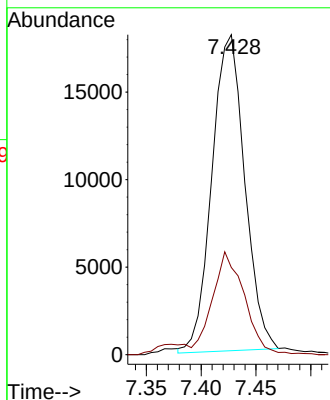
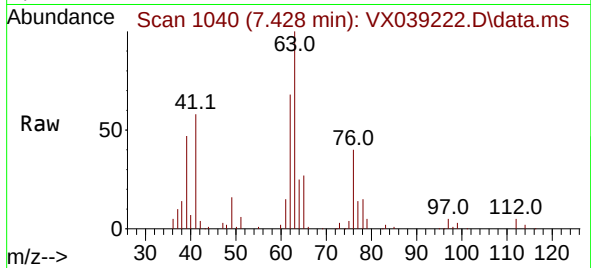
VSTDCCC020

Tgt Ion: 63 Resp: 3762
Ion Ratio Lower Upper
63 100
65 27.1 24.6 37.0

Manual Integrations

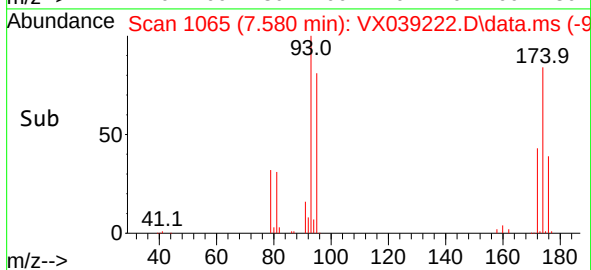
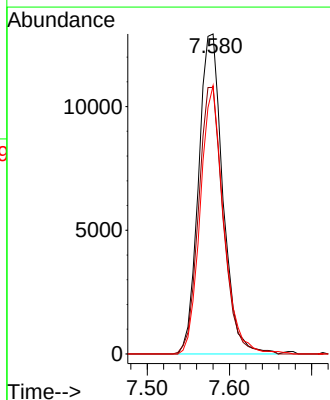
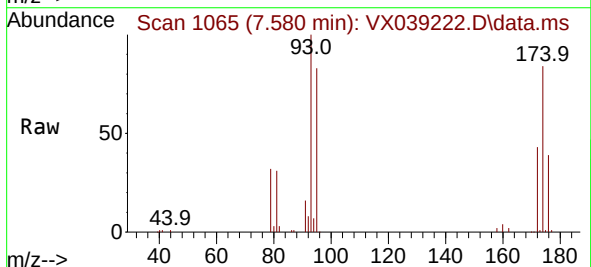
APPROVED

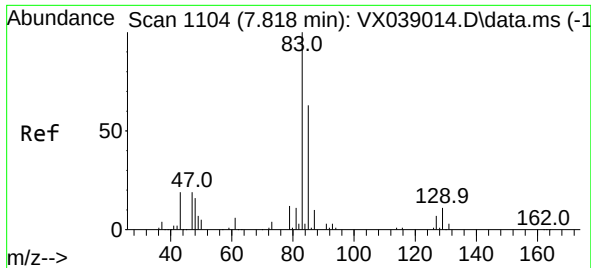
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#40
Dibromomethane
Concen: 20.206 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 93 Resp: 26567
Ion Ratio Lower Upper
93 100
95 84.0 0.0 163.4
174 80.6 0.0 166.4





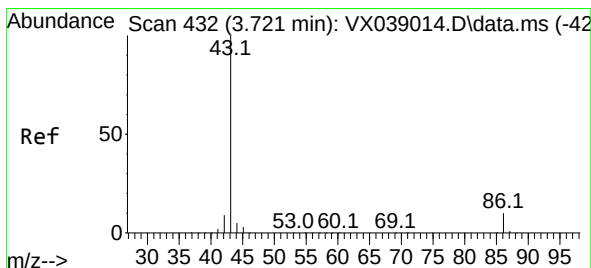
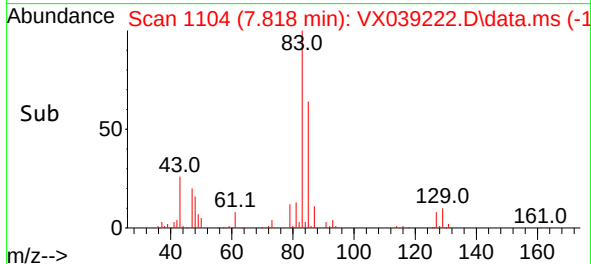
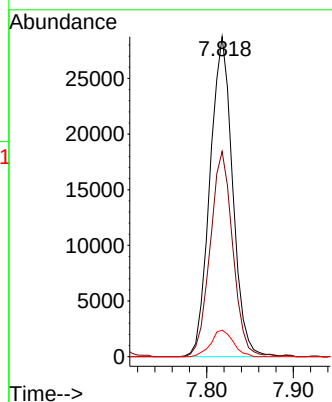
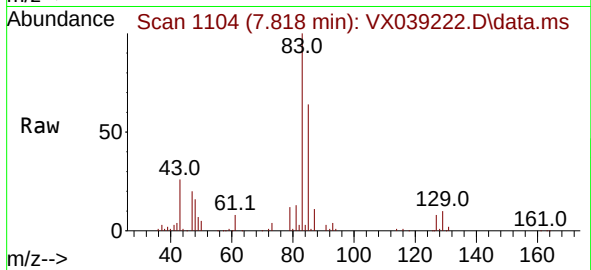
#41
Bromodichloromethane
Concen: 20.691 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 5226
Ion Ratio Lower Upper
83 100
85 64.2 50.8 76.2
127 8.3 5.9 8.9

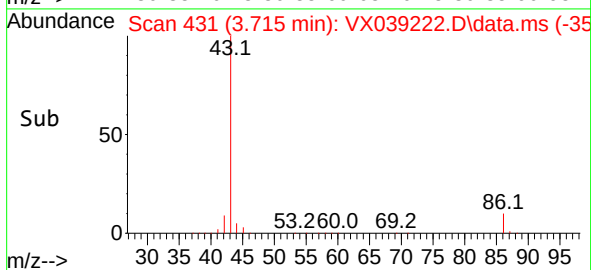
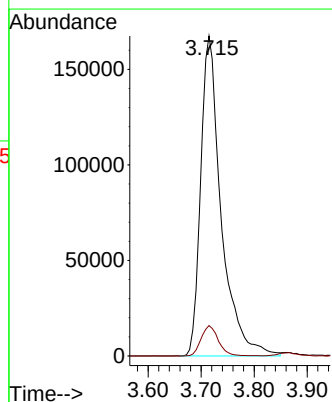
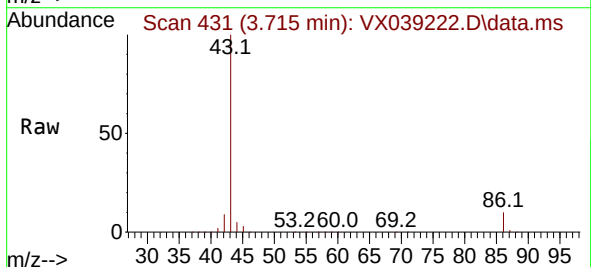
Manual Integrations
APPROVED

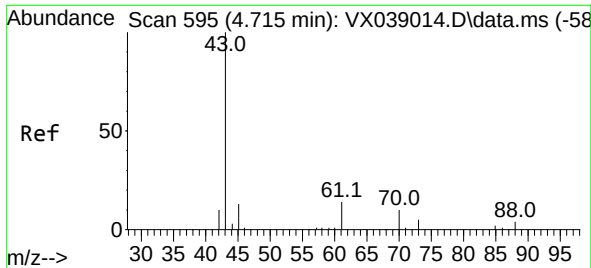
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#42
Vinyl Acetate
Concen: 103.647 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 43 Resp: 450203
Ion Ratio Lower Upper
43 100
86 8.0 6.7 10.1





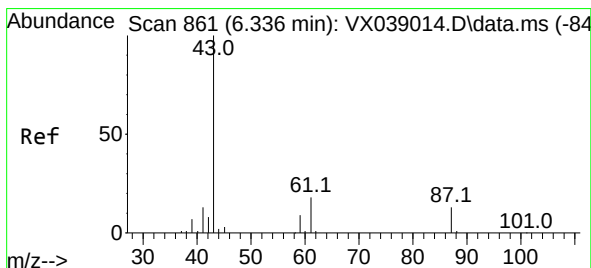
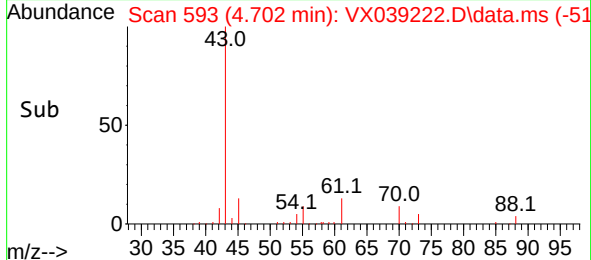
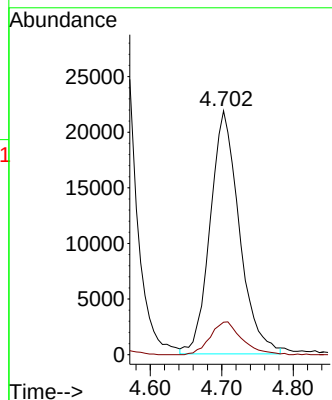
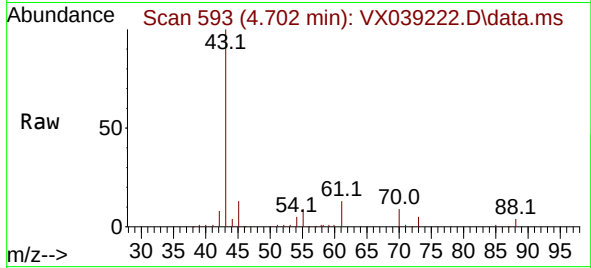
#43
Ethyl Acetate
Concen: 19.739 ug/l
RT: 4.702 min Scan# 51
Delta R.T. -0.012 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 61932
Ion Ratio Lower Upper
43 100
45 14.7 11.8 17.8

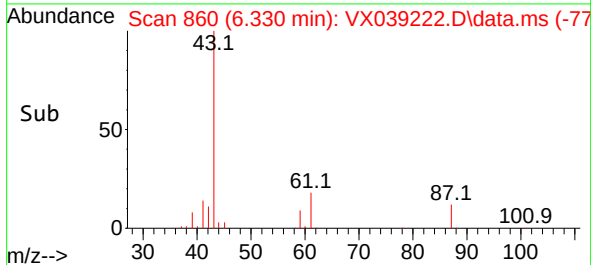
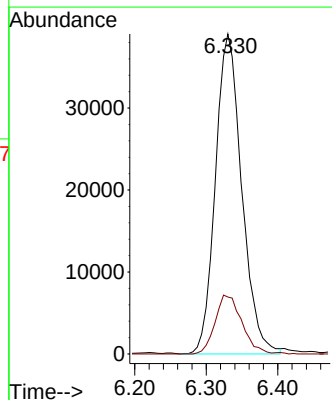
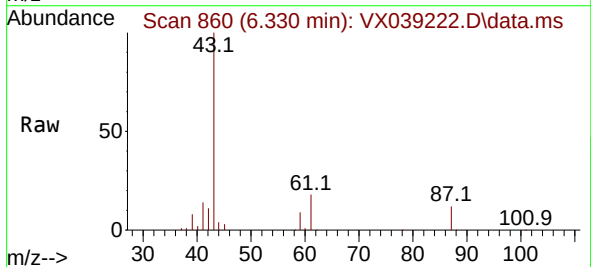
Manual Integrations
APPROVED

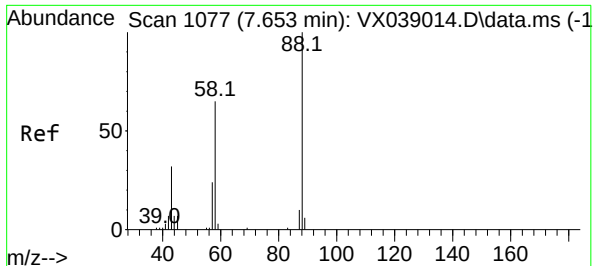
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#44
Isopropyl Acetate
Concen: 20.181 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 43 Resp: 99815
Ion Ratio Lower Upper
43 100
61 18.6 15.6 23.4





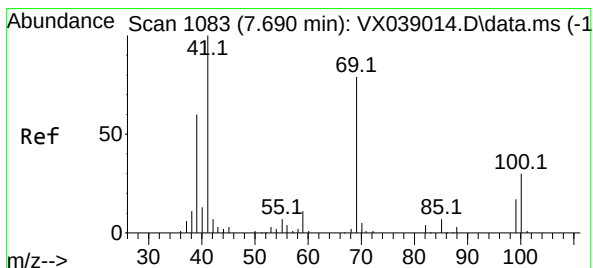
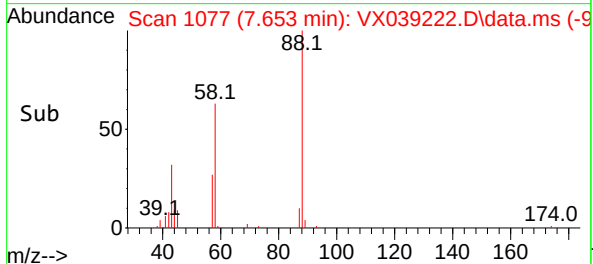
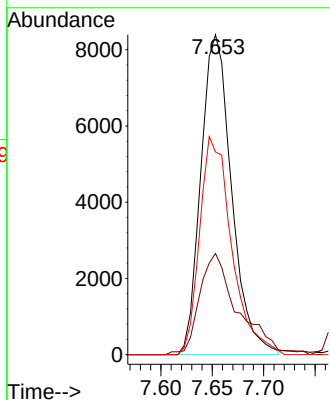
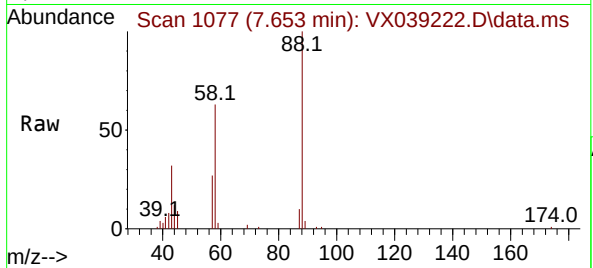
#45
1,4-Dioxane
Concen: 345.308 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 88 Resp: 1743
Ion Ratio Lower Upper
88 100
43 36.8 28.1 42.1
58 71.0 57.7 86.5

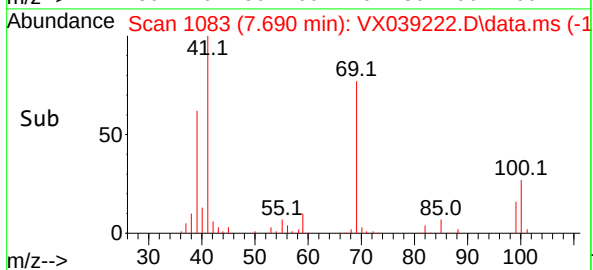
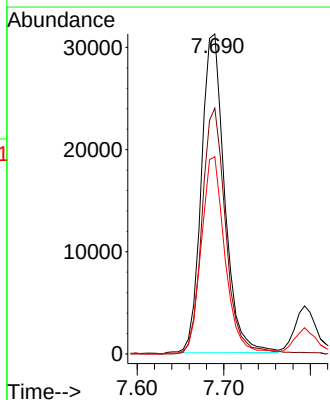
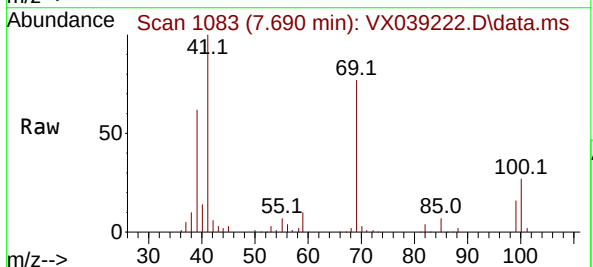
Manual Integrations
APPROVED

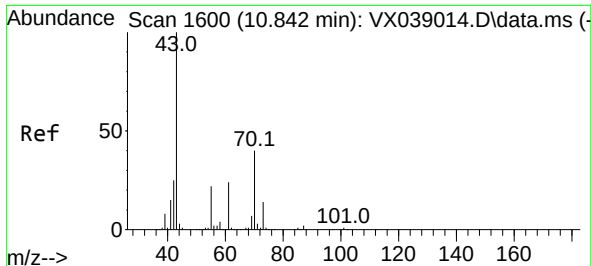
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#46
Methyl methacrylate
Concen: 20.613 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

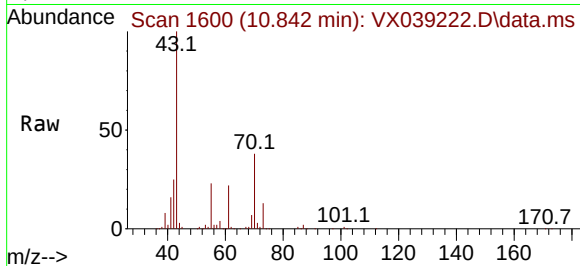
Tgt Ion: 41 Resp: 58289
Ion Ratio Lower Upper
41 100
69 77.1 39.6 118.8
39 61.8 30.1 90.3





#47
n-amyl acetate
Concen: 20.156 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

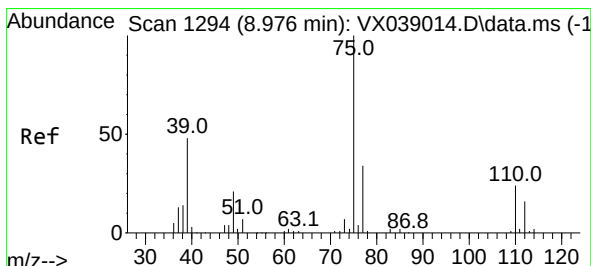
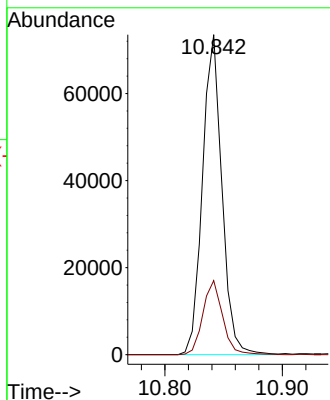
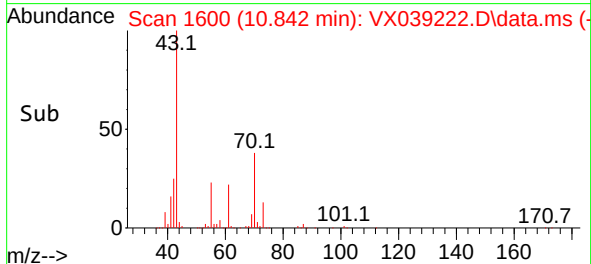
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 84378
Ion Ratio Lower Upper
43 100
55 23.5 18.2 27.2

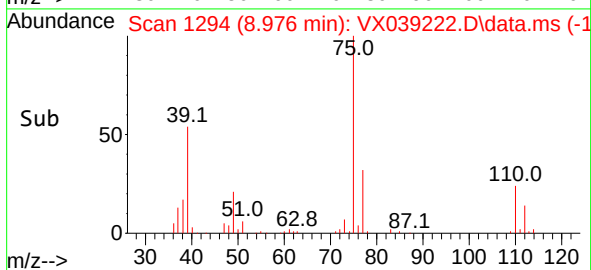
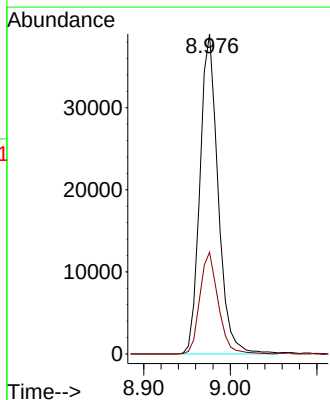
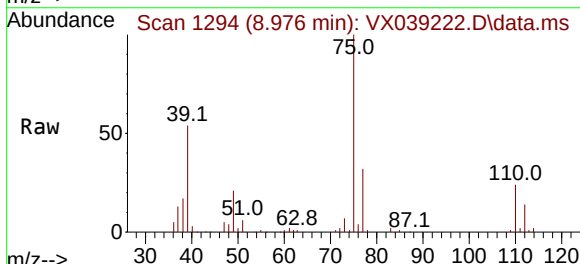
Manual Integrations
APPROVED

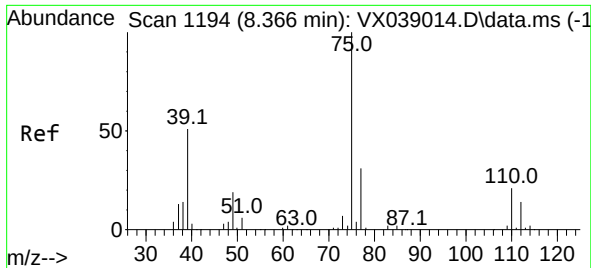
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#48
t-1,3-Dichloropropene
Concen: 19.413 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 75 Resp: 56857
Ion Ratio Lower Upper
75 100
77 31.8 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 20.781 ug/l

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX039222.D

Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

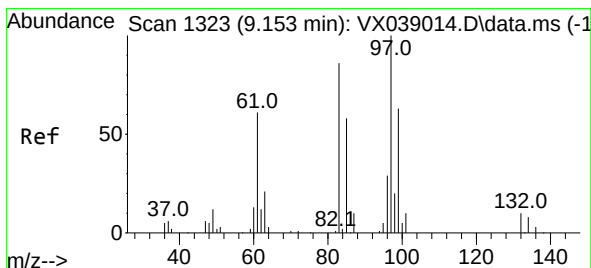
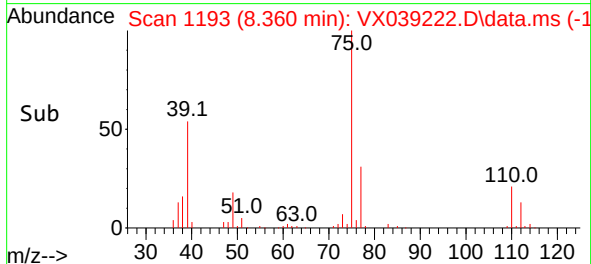
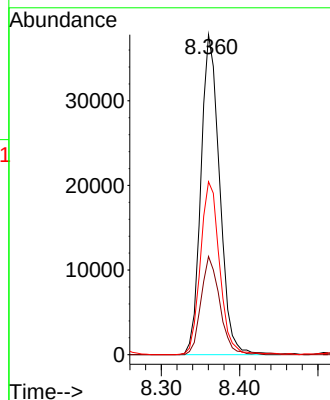
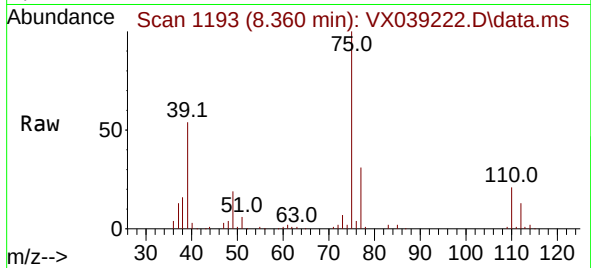
Tgt Ion: 75 Resp: 62789

Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.4	36.6
39	53.9	40.6	60.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#50

1,1,2-Trichloroethane

Concen: 20.316 ug/l

RT: 9.147 min Scan# 1322

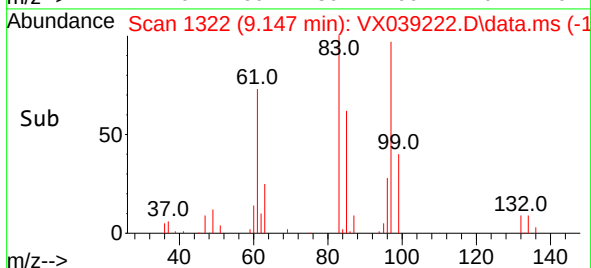
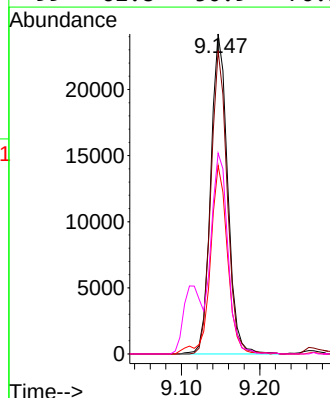
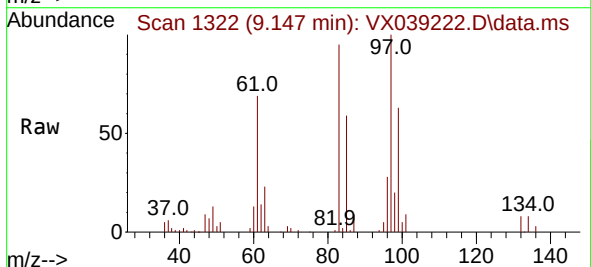
Delta R.T. -0.006 min

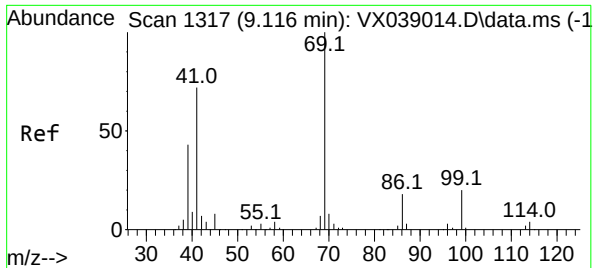
Lab File: VX039222.D

Acq: 15 Dec 2023 09:36

Tgt Ion: 97 Resp: 36286

Ion	Ratio	Lower	Upper
97	100		
83	94.8	69.0	103.6
85	58.9	46.3	69.5
99	62.8	50.9	76.3





#51
Ethyl methacrylate
Concen: 20.597 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

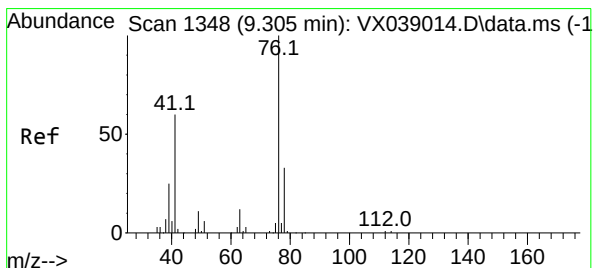
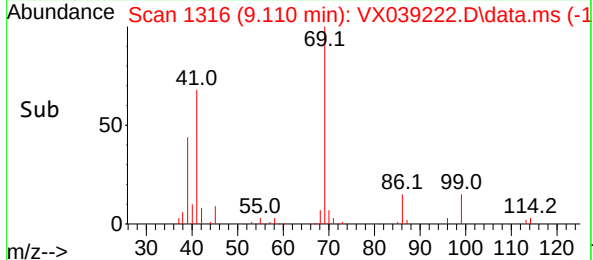
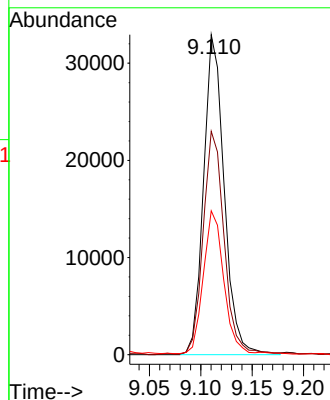
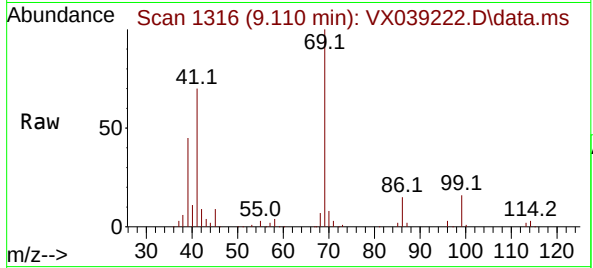
VSTDCCC020

Tgt Ion: 69 Resp: 46050
Ion Ratio Lower Upper
69 100
41 69.6 36.2 108.6
39 44.6 21.1 63.4

Manual Integrations

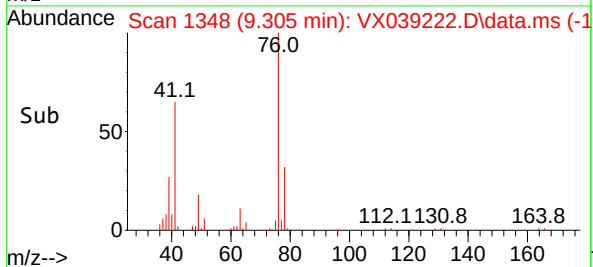
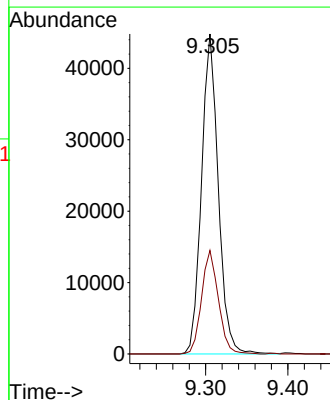
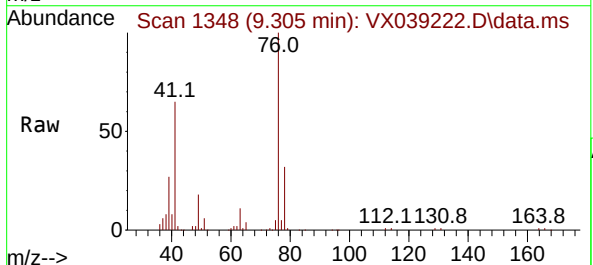
APPROVED

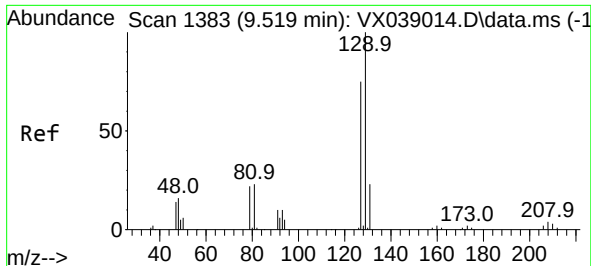
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#52
1,3-Dichloropropane
Concen: 20.724 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 76 Resp: 63470
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.0





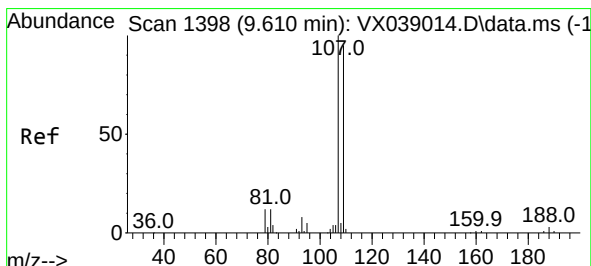
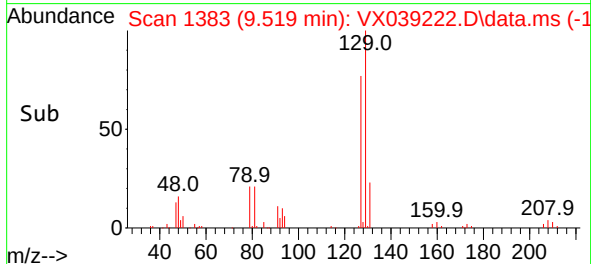
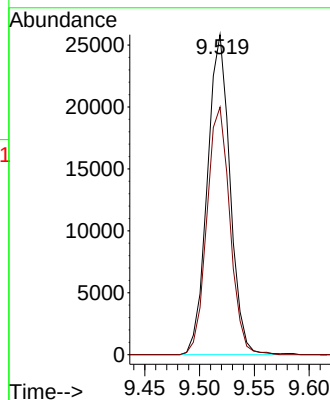
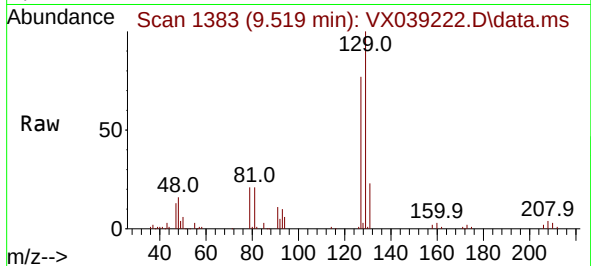
#53
Dibromochloromethane
Concen: 19.397 ug/l
RT: 9.519 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 3720
Ion Ratio Lower Upper
129 100
127 78.6 38.3 114.9

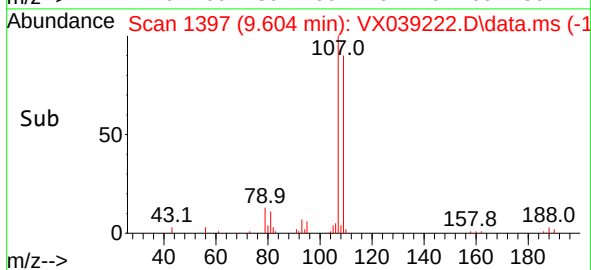
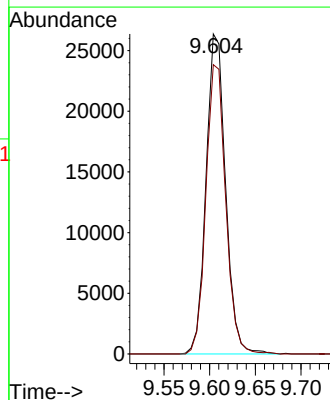
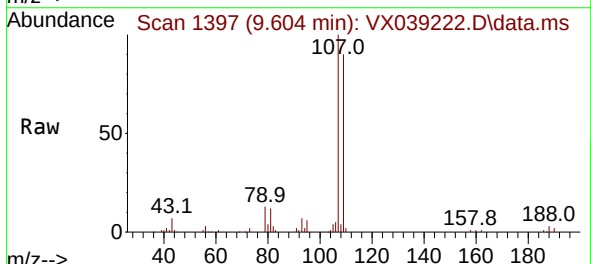
Manual Integrations
APPROVED

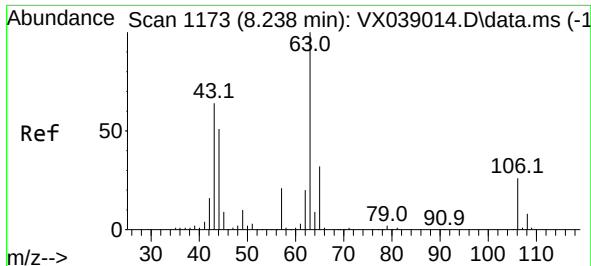
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#54
1,2-Dibromoethane
Concen: 19.927 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Tgt Ion:107 Resp: 39031
Ion Ratio Lower Upper
107 100
109 91.5 75.1 112.7





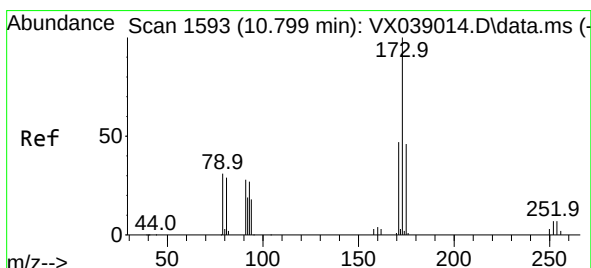
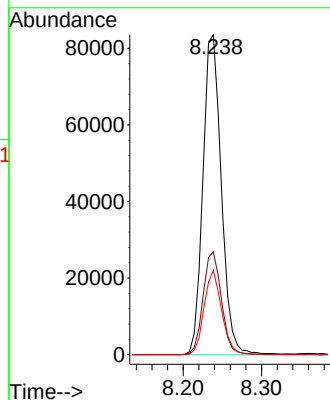
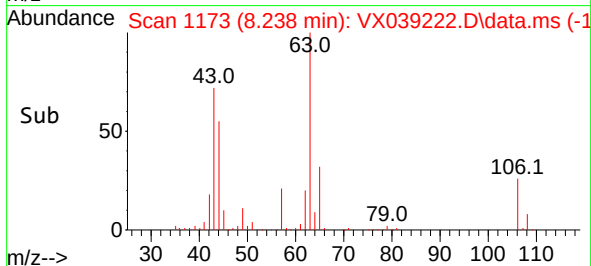
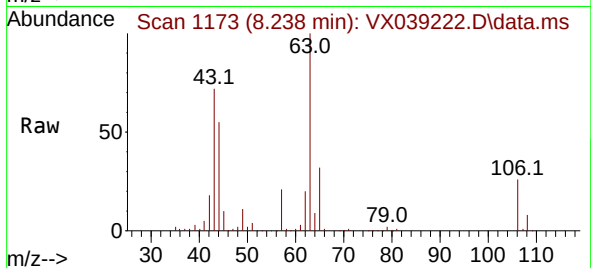
#55
2-Chloroethyl vinyl ether
Concen: 96.146 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 136252
Ion Ratio Lower Upper
63 100
65 32.2 25.8 38.6
106 25.0 20.6 31.0

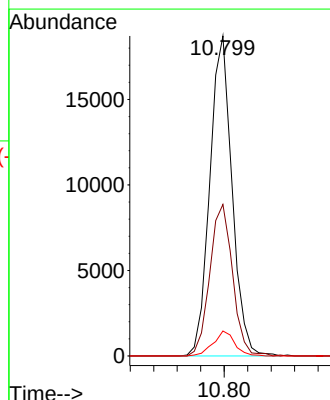
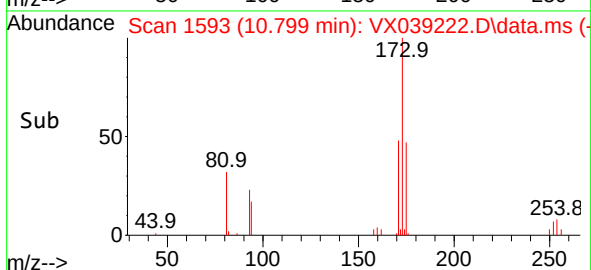
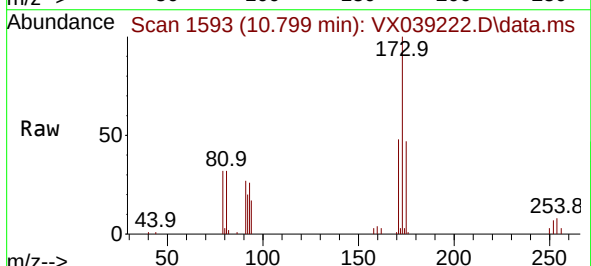
Manual Integrations
APPROVED

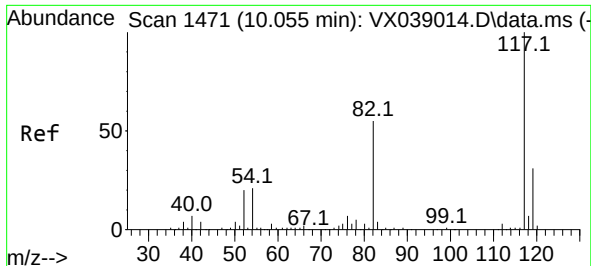
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#56
Bromoform
Concen: 17.749 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Tgt Ion:173 Resp: 24572
Ion Ratio Lower Upper
173 100
175 48.2 37.6 56.4
254 7.6 5.8 8.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX039222.D

Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:117 Resp: 105062

Ion Ratio Lower Upper

117 100

82 62.9 47.0 70.6

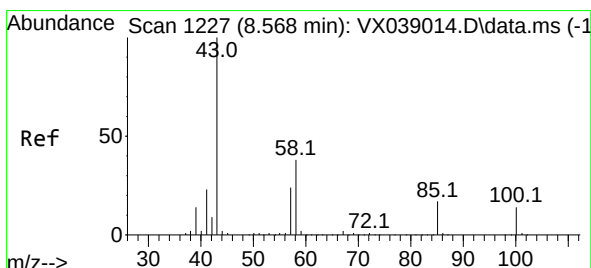
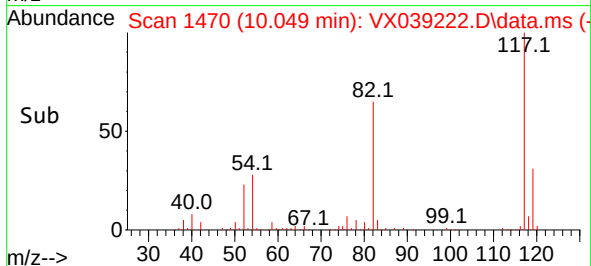
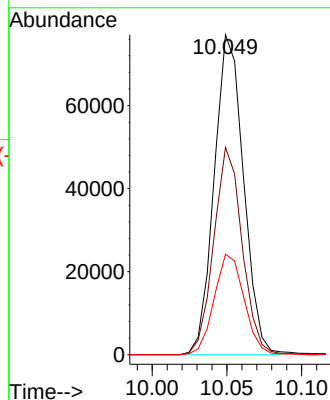
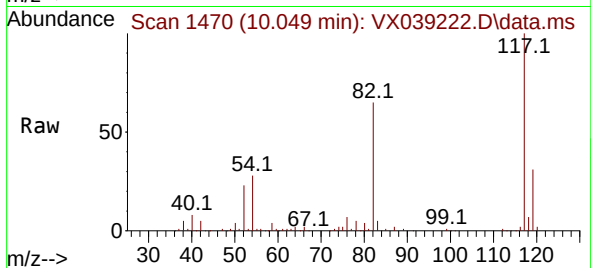
119 32.1 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#58

4-Methyl-2-Pentanone

Concen: 105.574 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VX039222.D

Acq: 15 Dec 2023 09:36

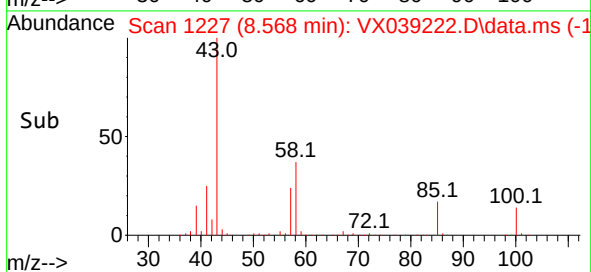
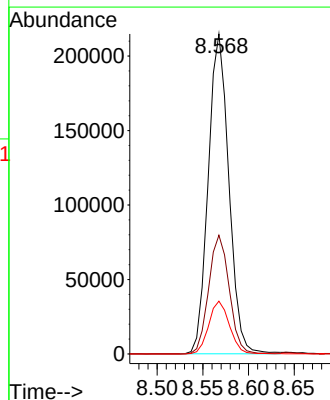
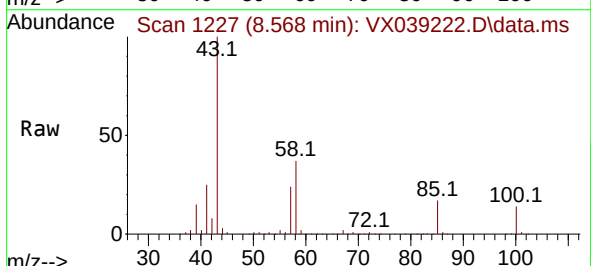
Tgt Ion: 43 Resp: 336356

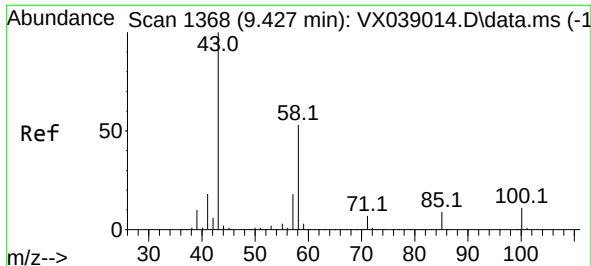
Ion Ratio Lower Upper

43 100

58 37.1 30.1 45.1

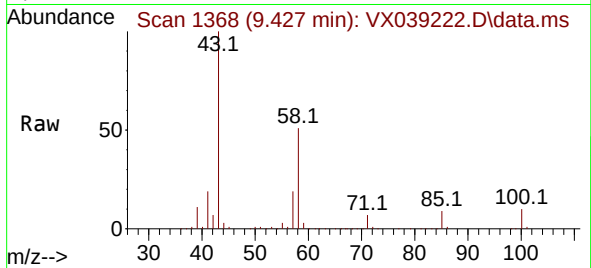
85 16.6 13.9 20.9





#59
2-Hexanone
Concen: 107.358 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

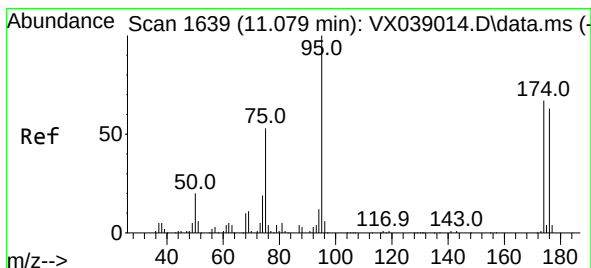
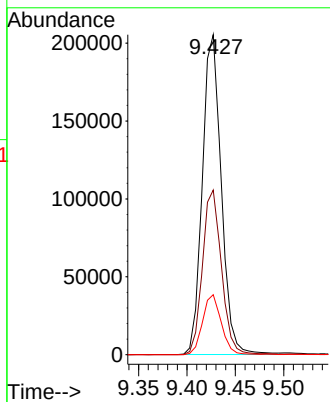
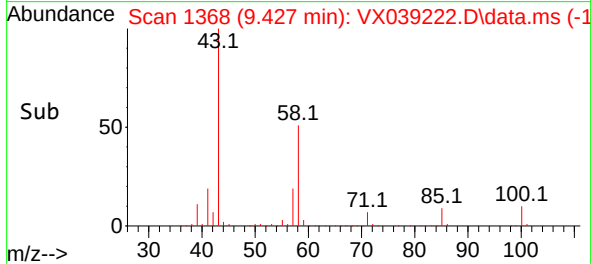
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



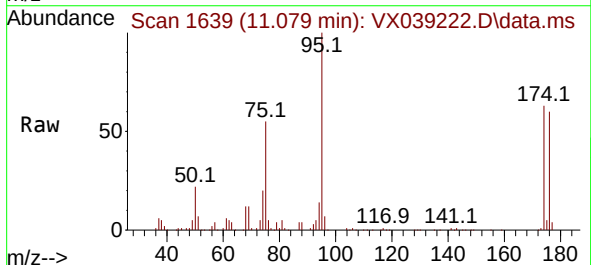
Tgt Ion: 43 Resp: 280760
Ion Ratio Lower Upper
43 100
58 51.7 42.7 64.1
57 18.5 14.8 22.2

Manual Integrations
APPROVED

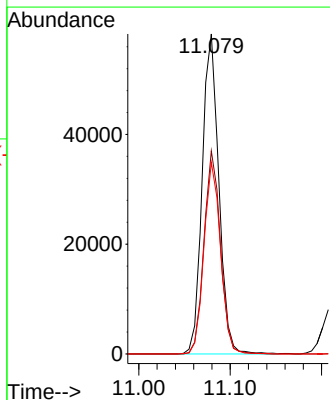
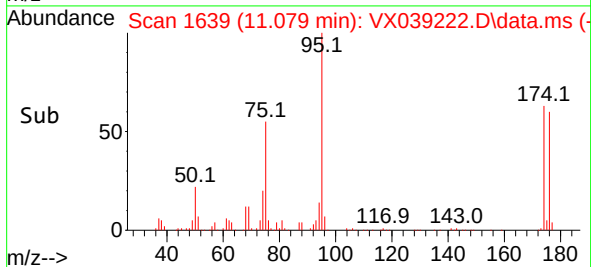
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

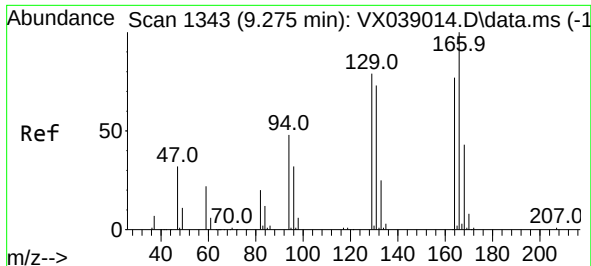


#60
4-Bromofluorobenzene
Concen: 32.011 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36



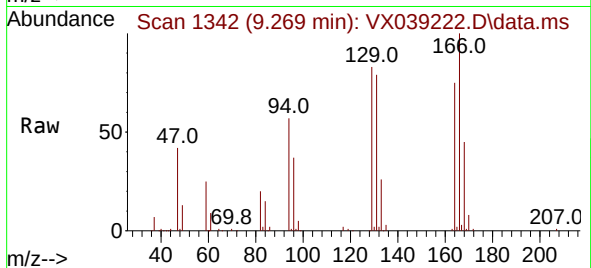
Tgt Ion: 95 Resp: 73456
Ion Ratio Lower Upper
95 100
174 62.6 55.4 83.2
176 59.1 52.6 78.8





#61
Tetrachloroethene
Concen: 20.084 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

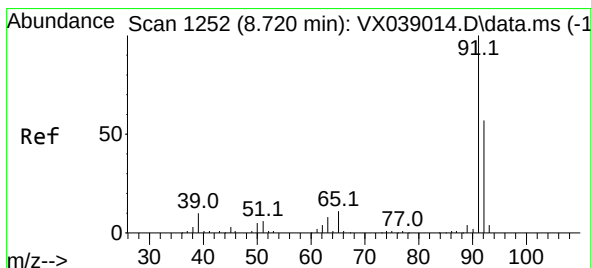
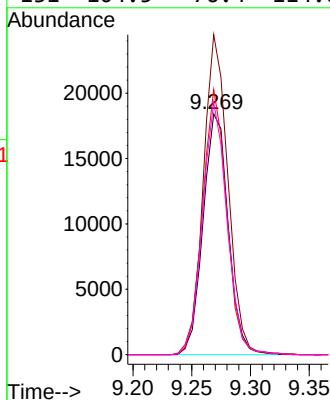
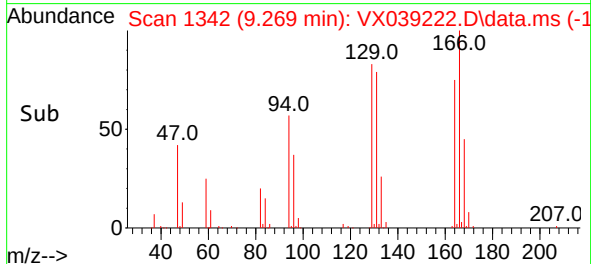
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:164	Resp:	27434	
Ion	Ratio	Lower	Upper
164	100		
166	132.4	104.0	156.0
129	109.6	82.0	123.0
131	104.5	76.4	114.6

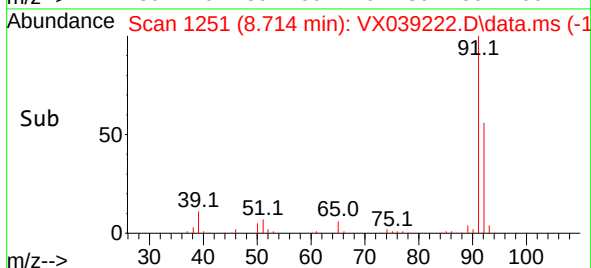
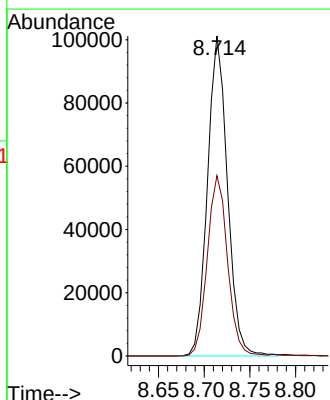
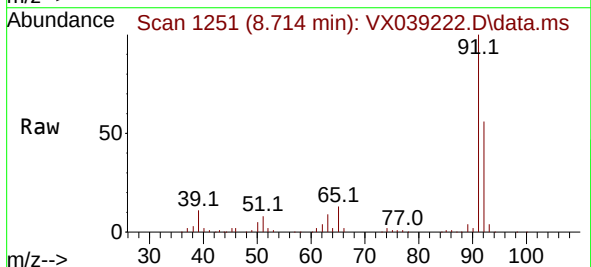
Manual Integrations
APPROVED

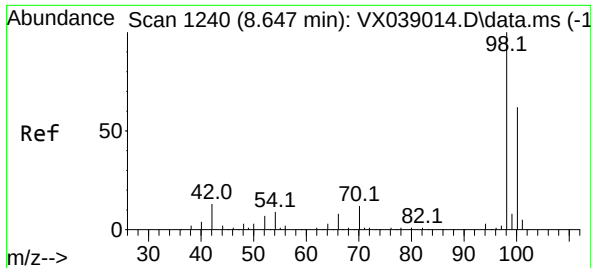
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#62
Toluene
Concen: 20.594 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

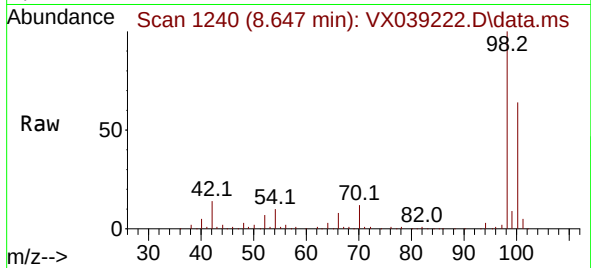
Tgt Ion: 91	Resp: 153613
Ion Ratio	Lower Upper
91 100	
92 56.8	45.9 68.9





#63
Toluene-d8
Concen: 30.261 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

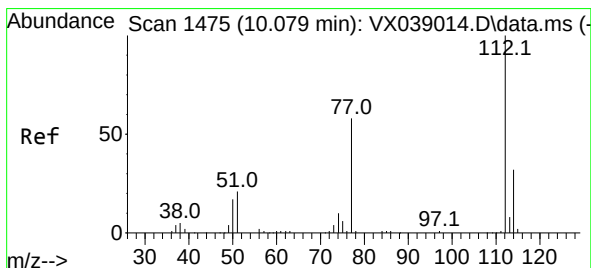
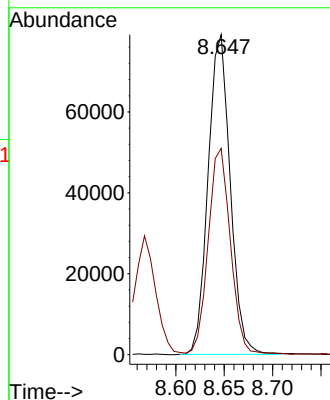
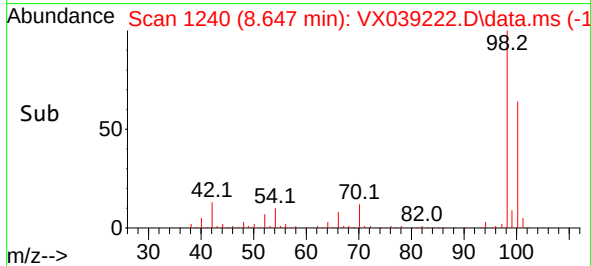
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 98 Resp: 125699
Ion Ratio Lower Upper
98 100
100 65.0 51.0 76.4

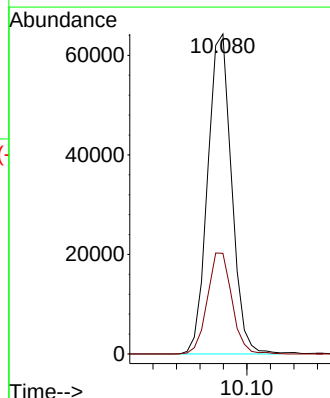
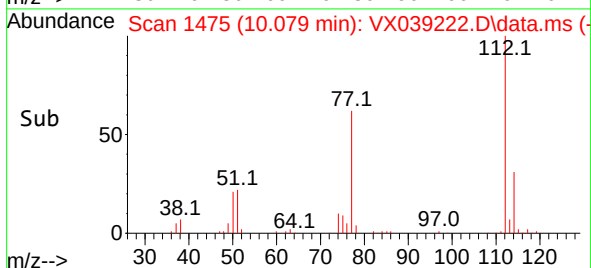
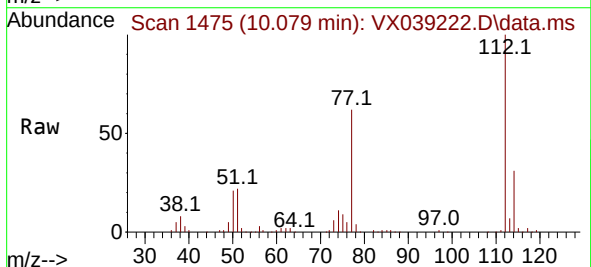
Manual Integrations
APPROVED

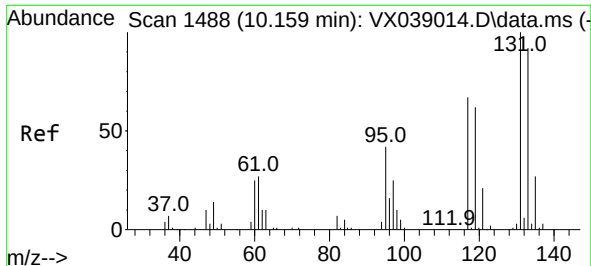
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#64
Chlorobenzene
Concen: 20.056 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Tgt Ion:112 Resp: 90998
Ion Ratio Lower Upper
112 100
114 31.4 25.9 38.9





#65

1,1,1,2-Tetrachloroethane

Concen: 20.294 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX039222.D

Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:131 Resp: 3316

Ion Ratio Lower Upper

131 100

133 93.4 0.0 191.8

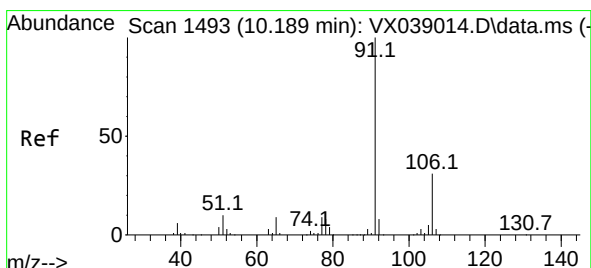
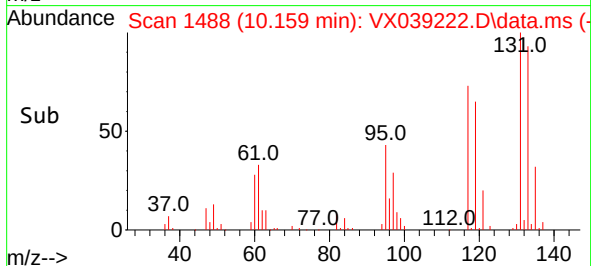
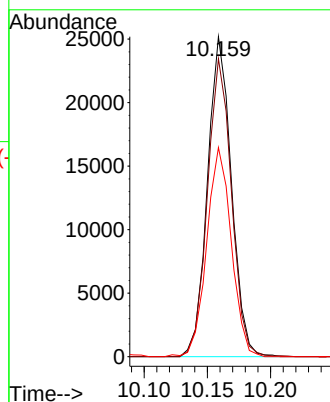
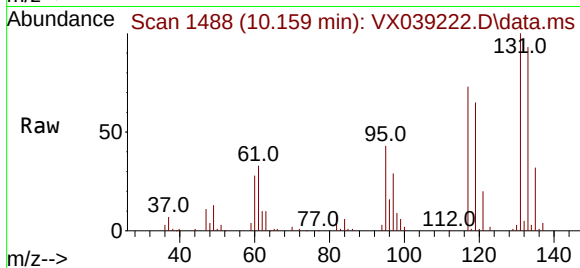
119 66.9 0.0 135.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#66

Ethyl Benzene

Concen: 20.565 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX039222.D

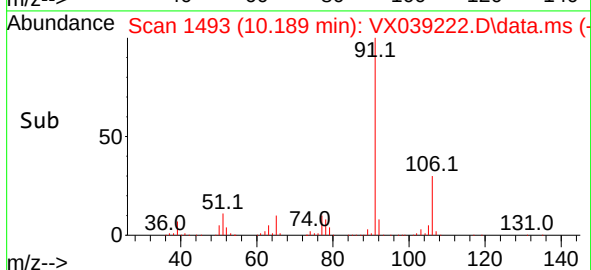
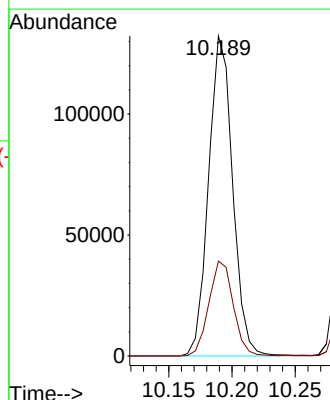
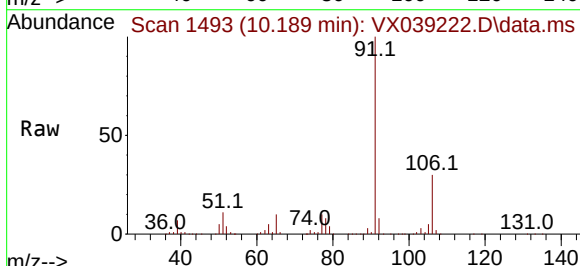
Acq: 15 Dec 2023 09:36

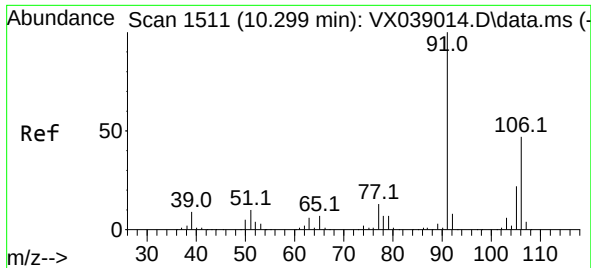
Tgt Ion: 91 Resp: 174671

Ion Ratio Lower Upper

91 100

106 29.6 24.4 36.6





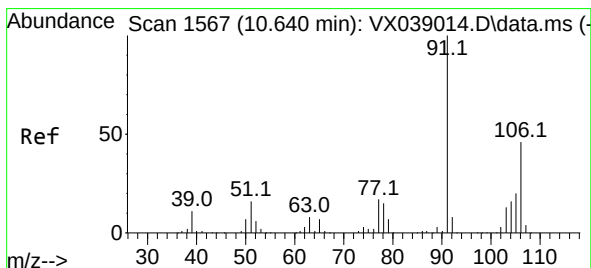
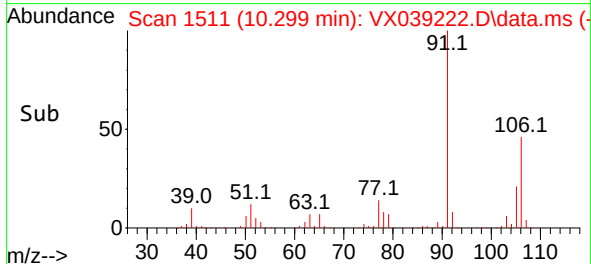
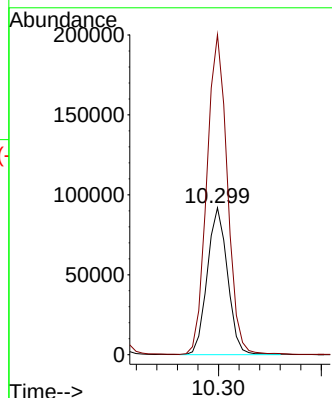
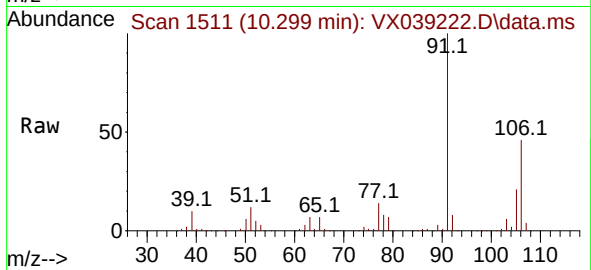
#67
m/p-Xylenes
Concen: 40.156 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 126030
Ion Ratio Lower Upper
106 100
91 219.2 169.4 254.0

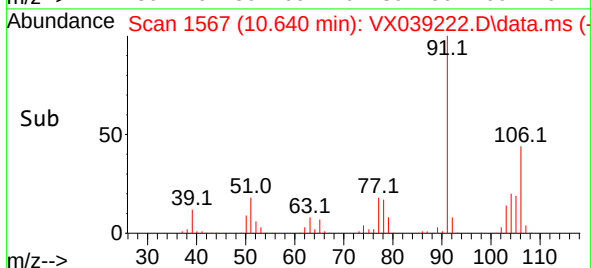
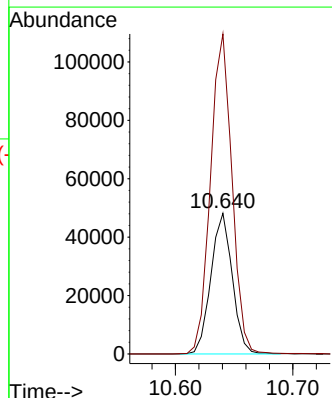
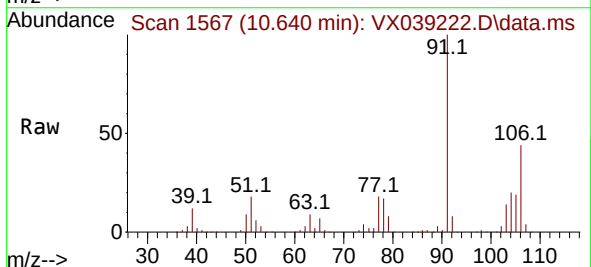
Manual Integrations
APPROVED

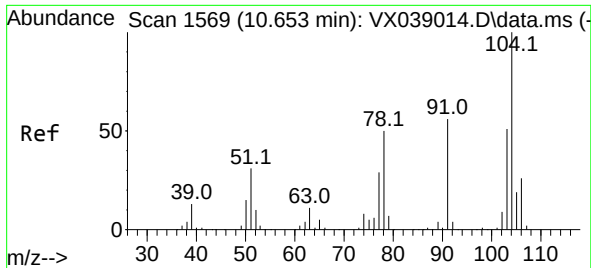
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#68
o-Xylene
Concen: 20.094 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Tgt Ion:106 Resp: 61091
Ion Ratio Lower Upper
106 100
91 227.4 111.2 333.6





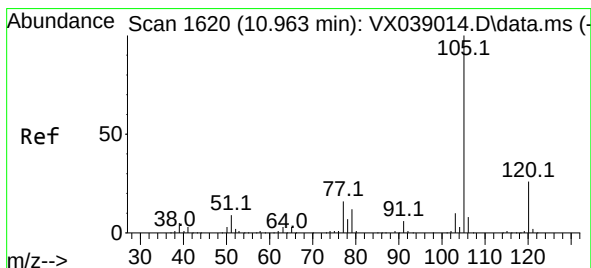
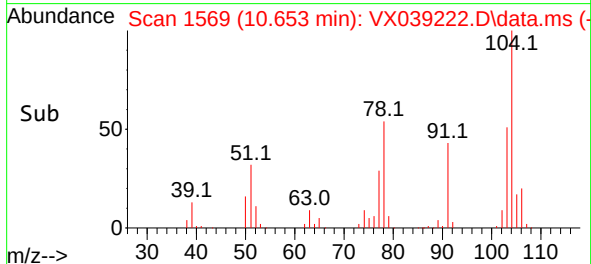
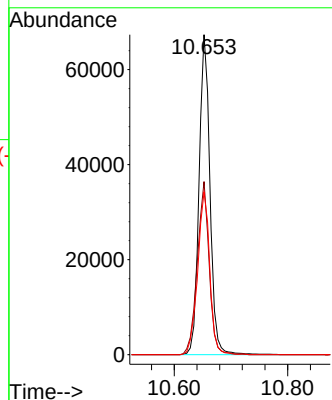
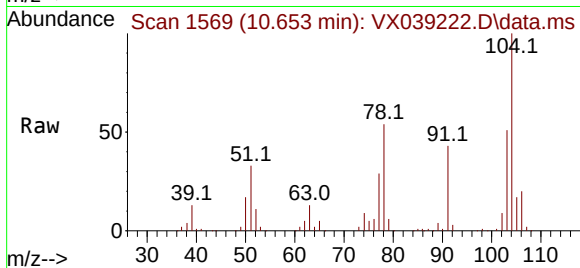
#69
Styrene
Concen: 20.008 ug/l
RT: 10.653 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 90025
Ion Ratio Lower Upper
104 100
78 58.7 43.7 65.5
103 56.3 44.6 67.0

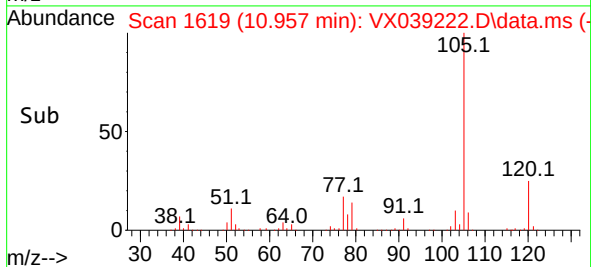
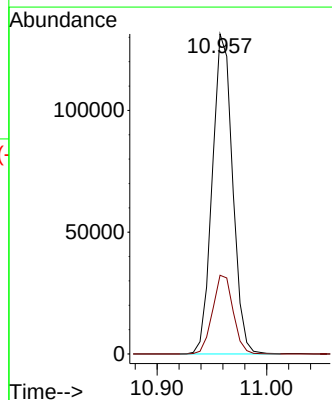
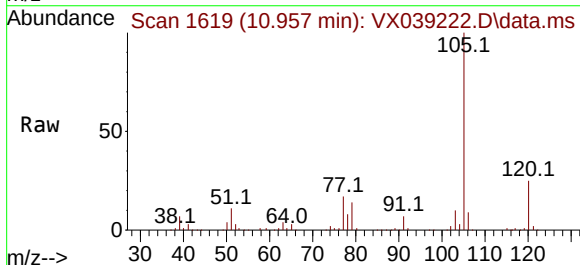
Manual Integrations
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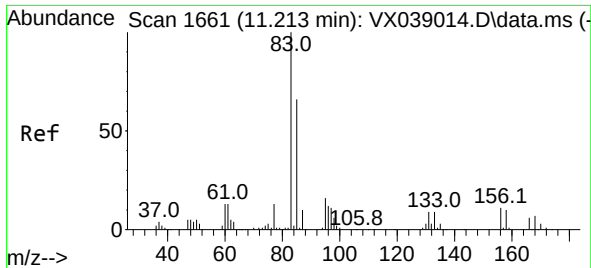
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#70
Isopropylbenzene
Concen: 20.783 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Tgt Ion:105 Resp: 169055
Ion Ratio Lower Upper
105 100
120 24.9 18.5 34.3





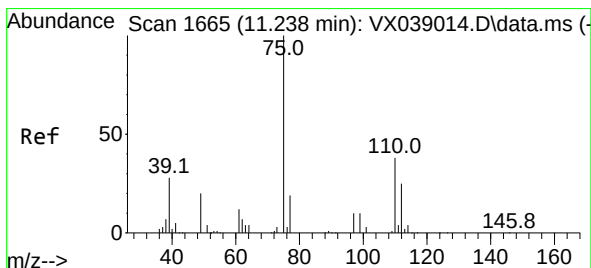
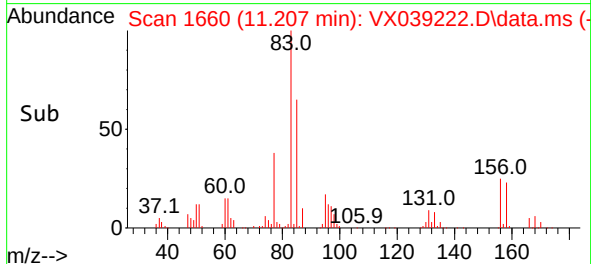
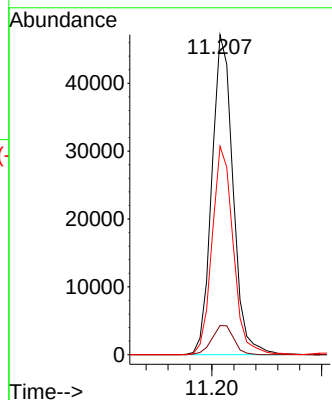
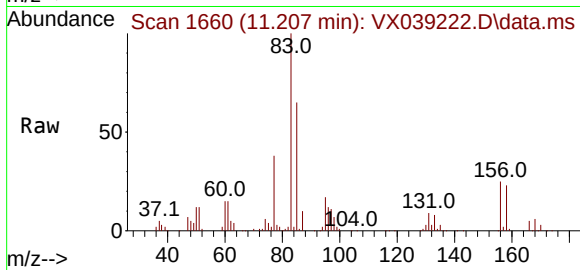
#71
1,1,2,2-Tetrachloroethane
Concen: 20.820 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 6322
Ion Ratio Lower Upper
83 100
131 9.4 4.6 13.8
85 64.9 32.5 97.4

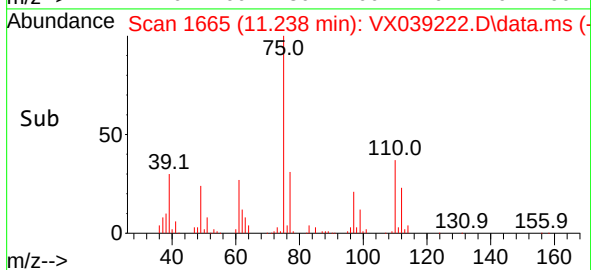
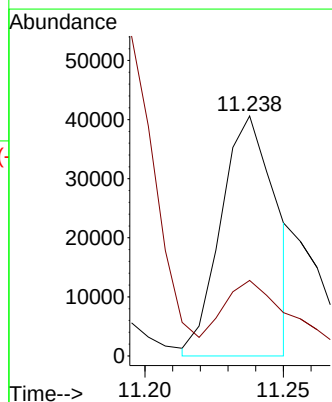
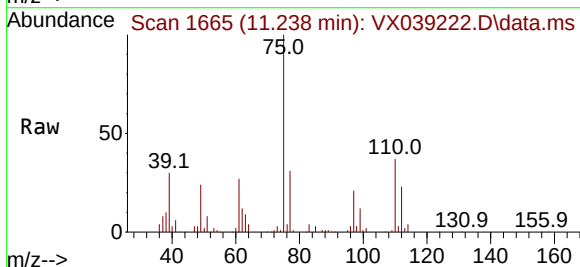
Manual Integrations
APPROVED

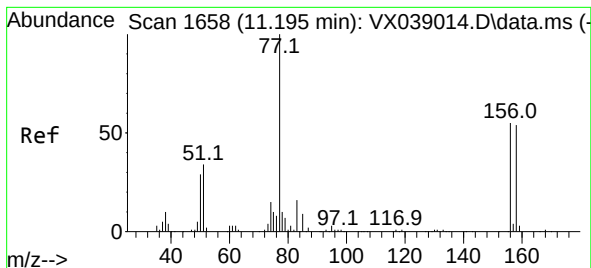
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#72
1,2,3-Trichloropropane
Concen: 21.717 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Tgt Ion: 75 Resp: 55803
Ion Ratio Lower Upper
75 100
77 40.6 0.0 76.4





#73

Bromobenzene

Concen: 19.793 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039222.D

Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

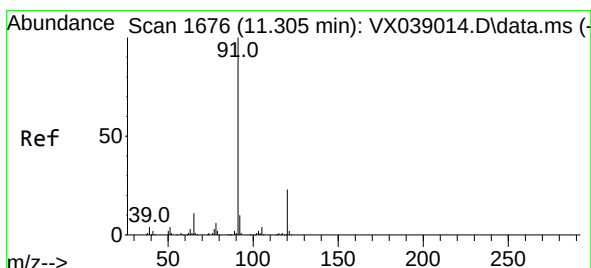
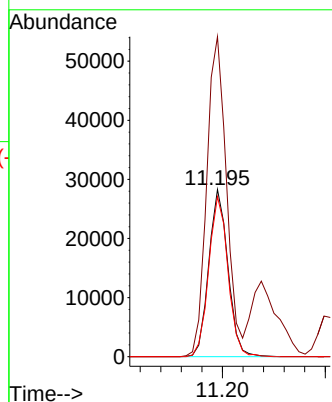
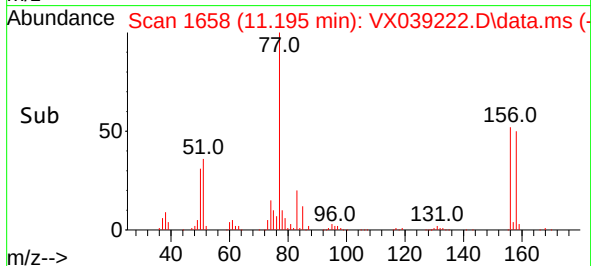
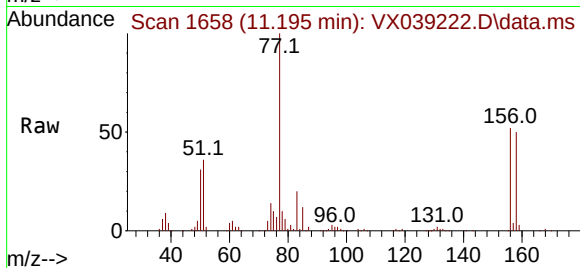
VSTDCCC020

Tgt Ion:	156	Resp:	36650
Ion Ratio	Lower	Upper	
156	100		
77	197.0	0.0	363.2
158	96.0	0.0	197.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#74

n-propylbenzene

Concen: 21.137 ug/l

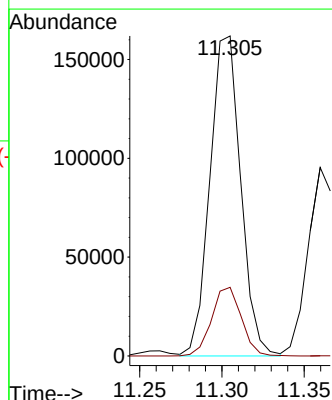
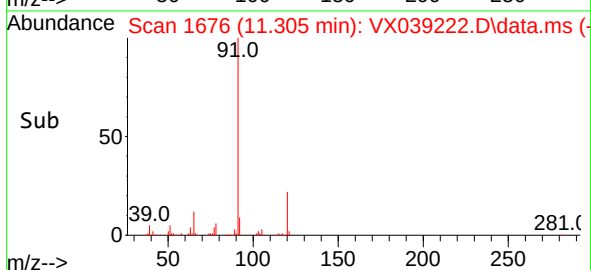
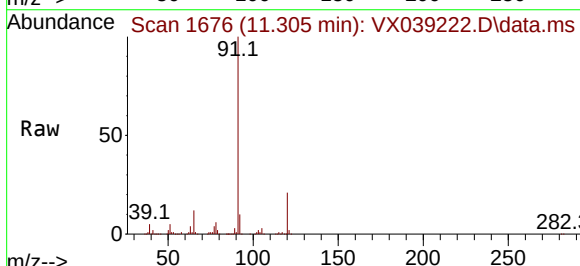
RT: 11.305 min Scan# 1676

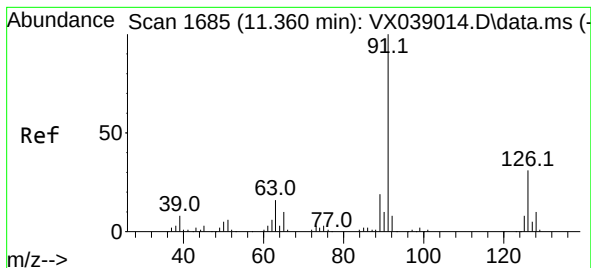
Delta R.T. 0.000 min

Lab File: VX039222.D

Acq: 15 Dec 2023 09:36

Tgt Ion:	91	Resp:	210648
Ion Ratio	Lower	Upper	
91	100		
120	20.8	0.0	43.4





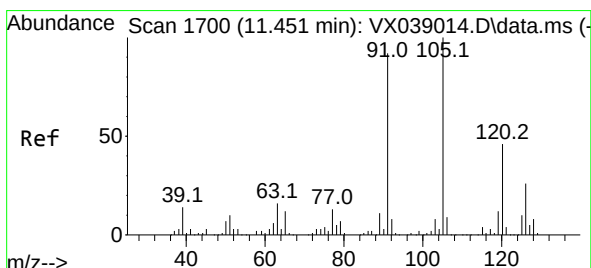
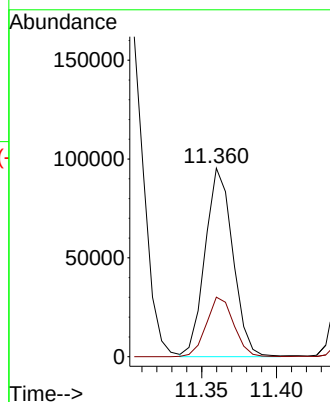
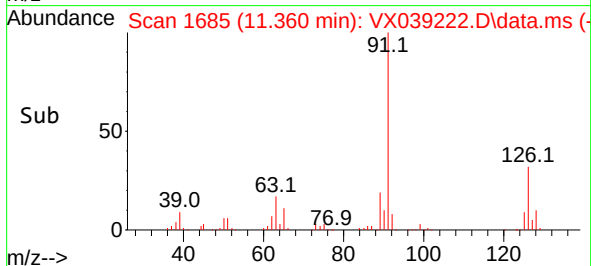
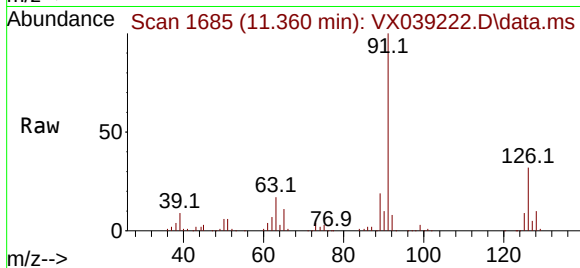
#75
2-Chlorotoluene
Concen: 21.035 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 122988
Ion Ratio Lower Upper
91 100
126 31.2 0.0 64.2

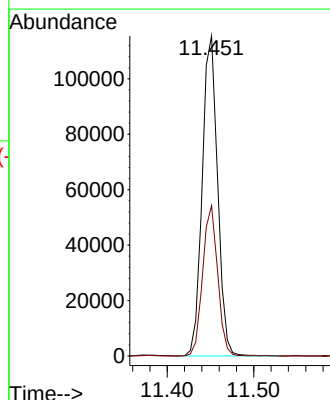
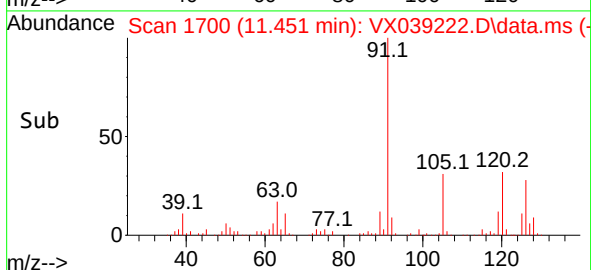
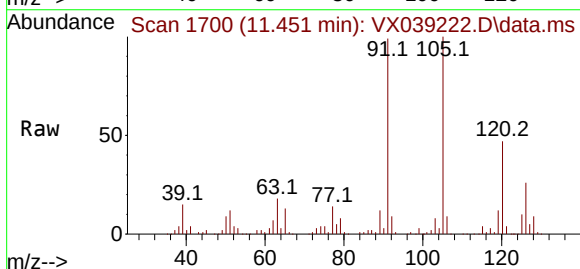
Manual Integrations
APPROVED

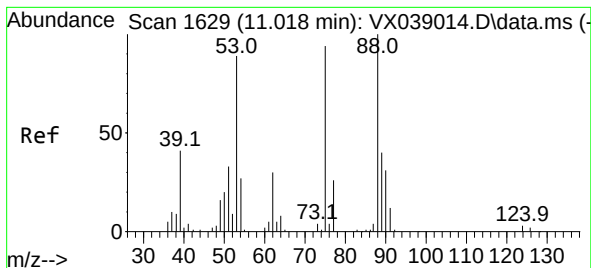
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.340 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

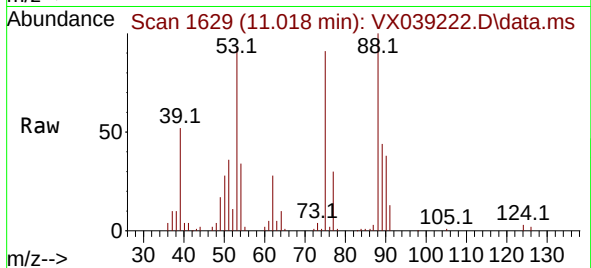
Tgt Ion:105 Resp: 142534
Ion Ratio Lower Upper
105 100
120 45.7 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 18.049 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

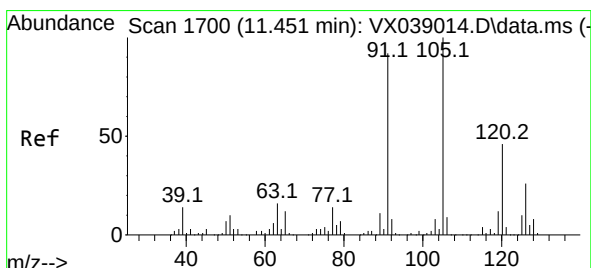
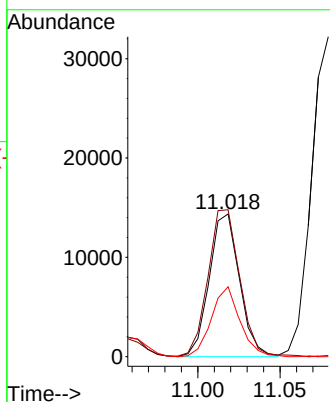
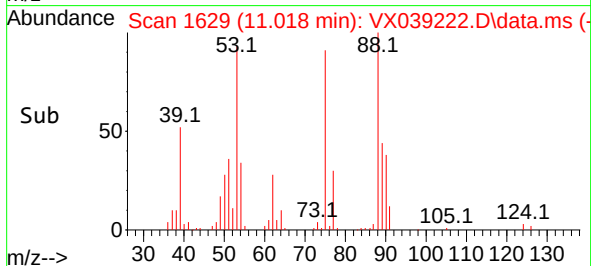
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 1837
Ion Ratio Lower Upper
75 100
53 102.5 46.9 140.8
89 49.0 21.3 63.7

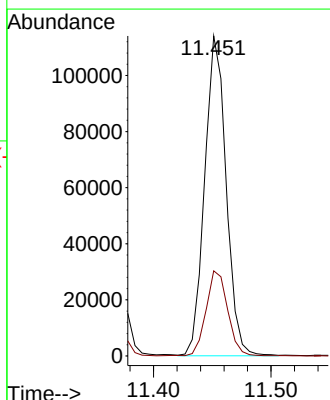
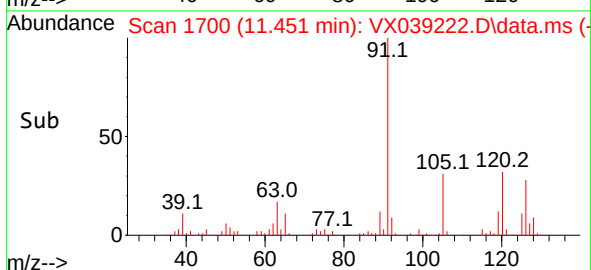
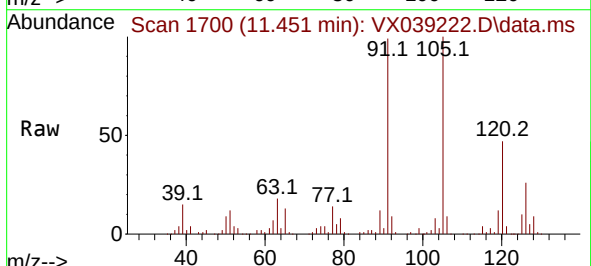
Manual Integrations
APPROVED

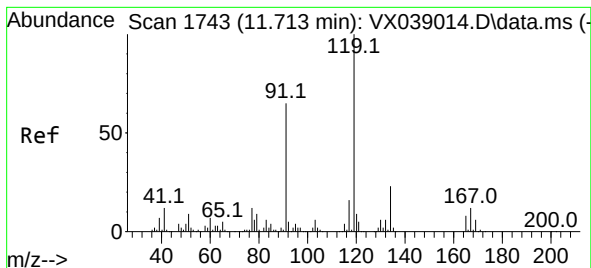
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#78
4-Chlorotoluene
Concen: 21.104 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

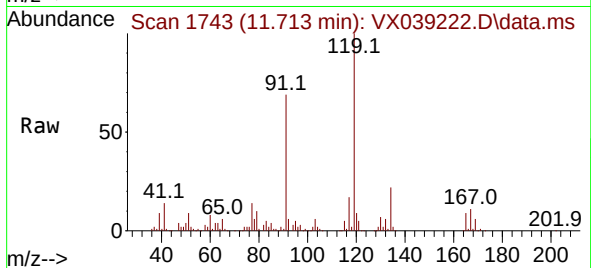
Tgt Ion: 91 Resp: 145074
Ion Ratio Lower Upper
91 100
126 26.7 0.0 57.4





#79
tert-butylbenzene
Concen: 20.237 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

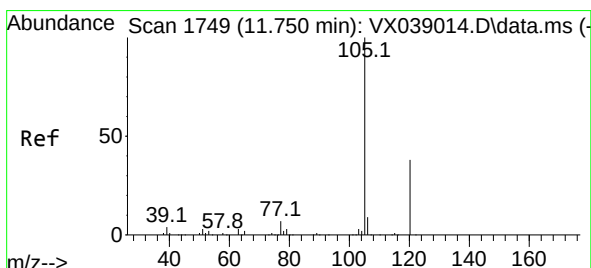
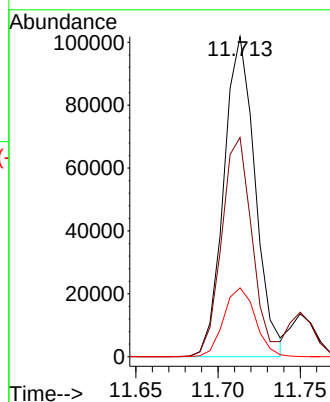
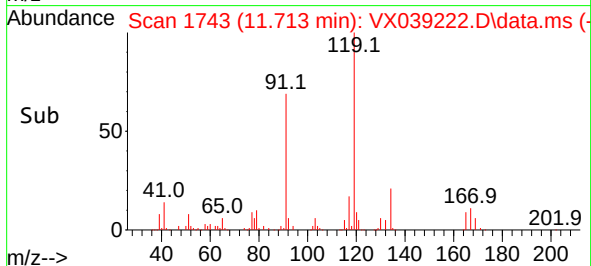
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:119 Resp: 13484
Ion Ratio Lower Upper
119 100
91 67.3 0.0 125.6
134 21.8 0.0 43.8

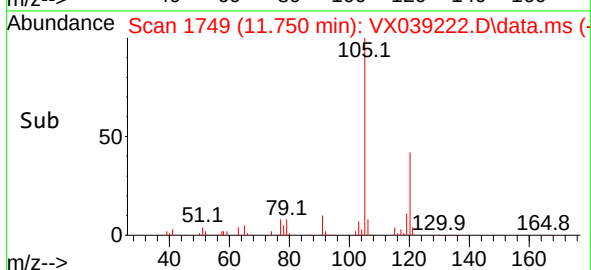
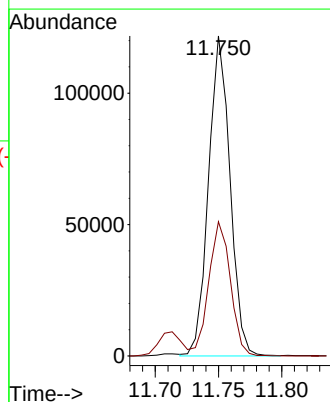
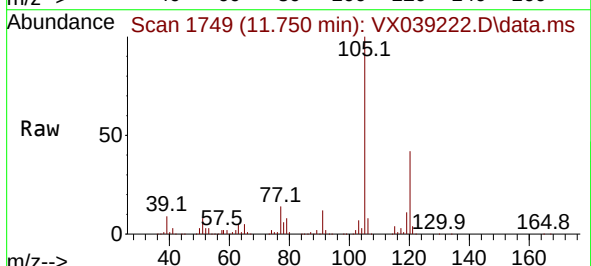
Manual Integrations
APPROVED

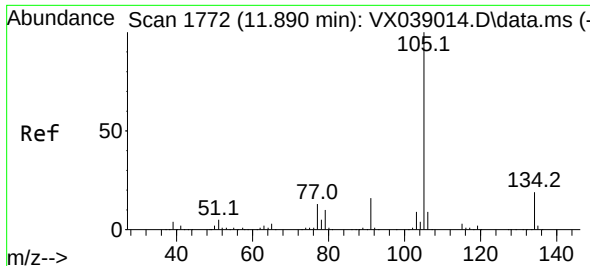
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.550 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

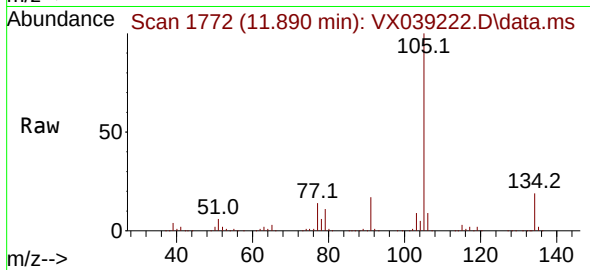
Tgt Ion:105 Resp: 144124
Ion Ratio Lower Upper
105 100
120 42.3 0.0 86.4





#81
 sec-Butylbenzene
 Concen: 20.732 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039222.D
 Acq: 15 Dec 2023 09:36

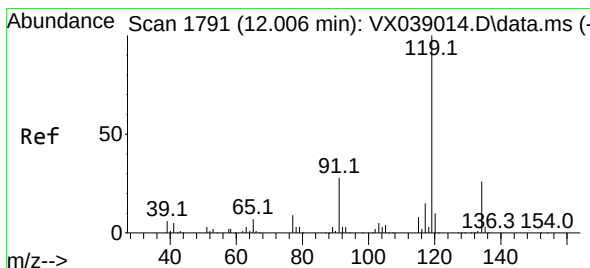
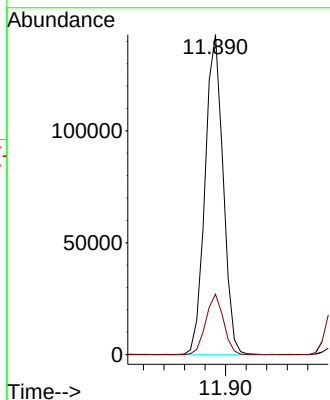
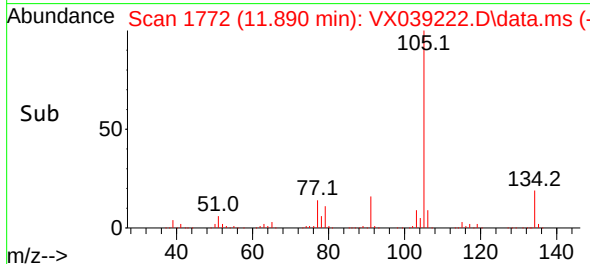
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



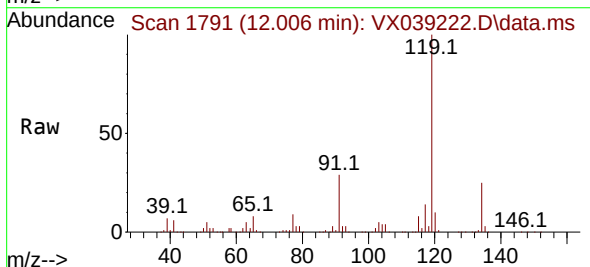
Tgt Ion:105 Resp: 17464
 Ion Ratio Lower Upper
 105 100
 134 18.6 0.0 38.4

Manual Integrations
 APPROVED

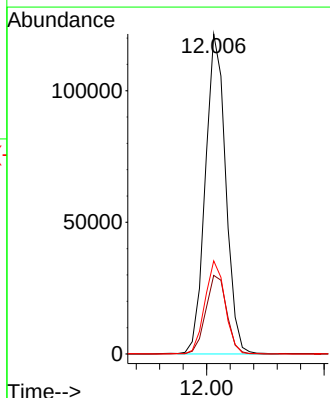
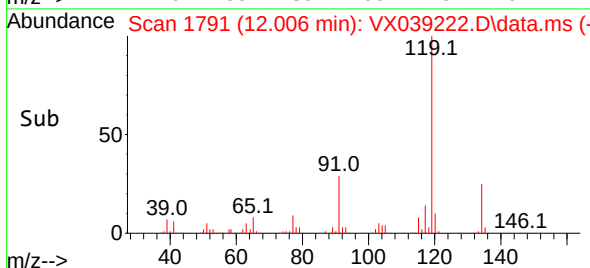
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

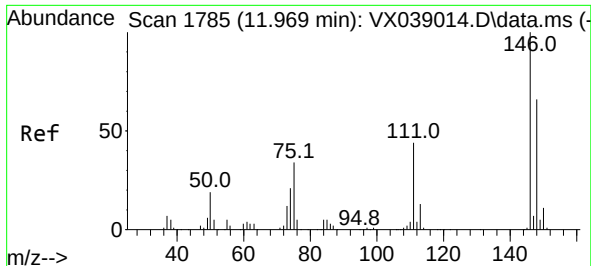


#82
 p-Isopropyltoluene
 Concen: 20.477 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039222.D
 Acq: 15 Dec 2023 09:36



Tgt Ion:119 Resp: 146192
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 52.6
 91 28.4 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 20.017 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039222.D

Acq: 15 Dec 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

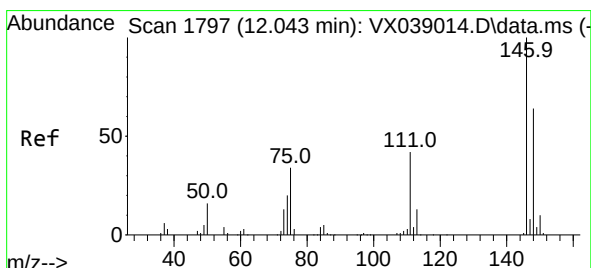
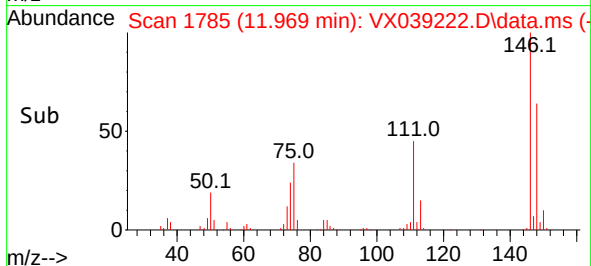
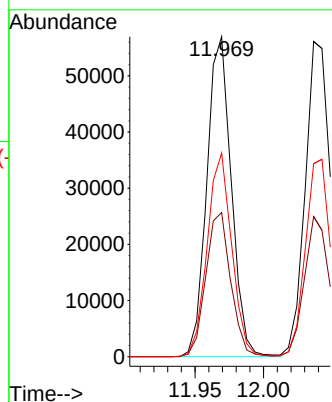
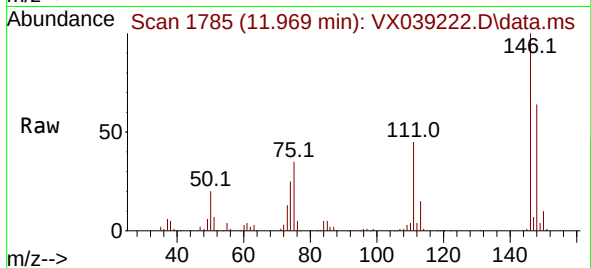
Tgt Ion:146 Resp: 7094

Ion	Ratio	Lower	Upper
146	100		
111	45.9	22.3	66.9
148	63.1	32.8	98.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#84

1,4-Dichlorobenzene

Concen: 20.019 ug/l

RT: 12.036 min Scan# 1796

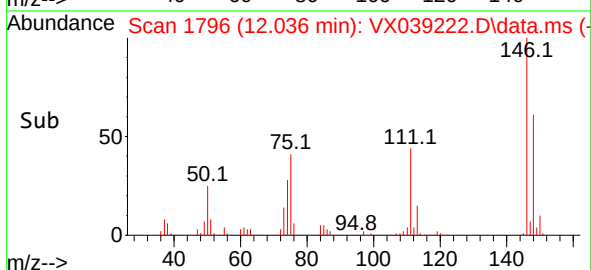
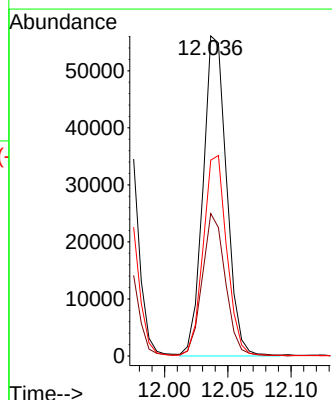
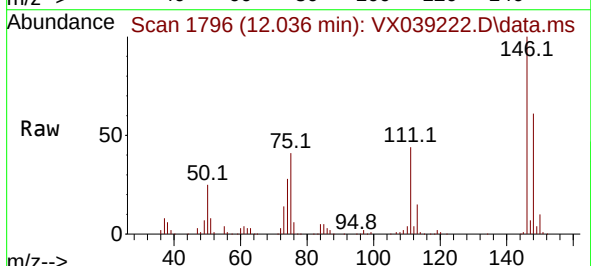
Delta R.T. -0.006 min

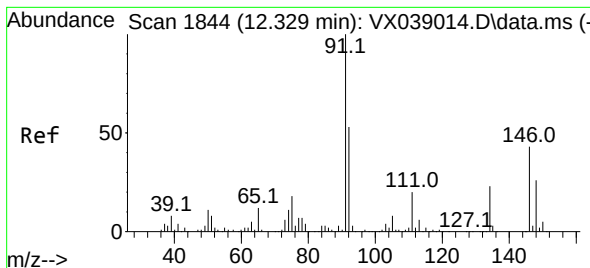
Lab File: VX039222.D

Acq: 15 Dec 2023 09:36

Tgt Ion:146 Resp: 72801

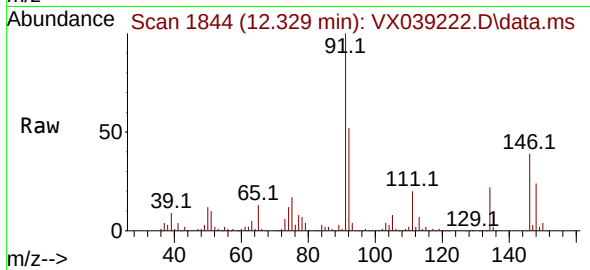
Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.4	64.2
148	62.1	31.8	95.4





#85
n-Butylbenzene
Concen: 20.639 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

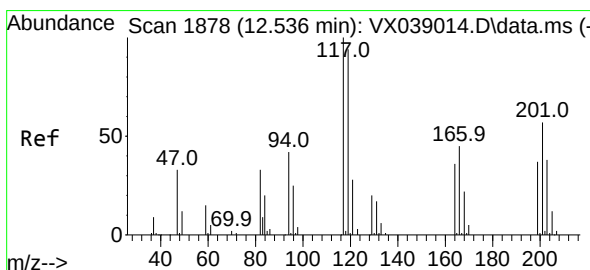
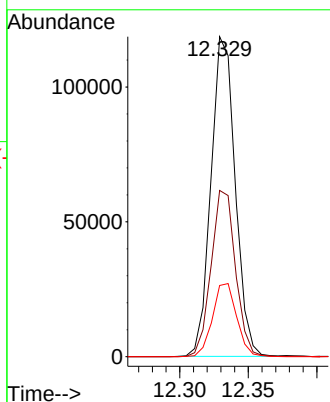
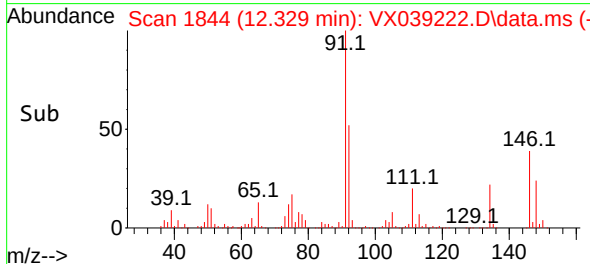
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 14551
Ion Ratio Lower Upper
91 100
92 52.5 0.0 106.2
134 22.9 0.0 48.8

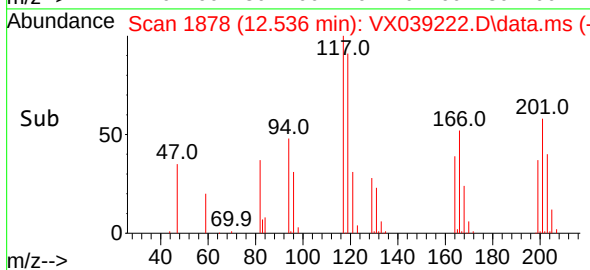
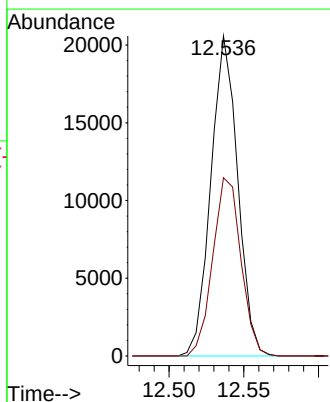
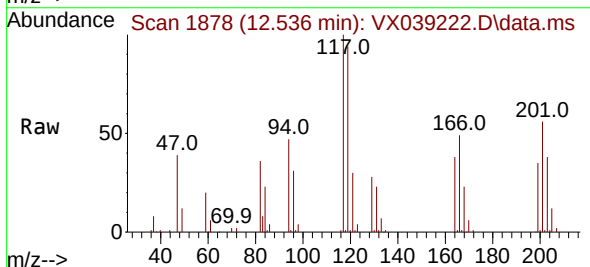
Manual Integrations
APPROVED

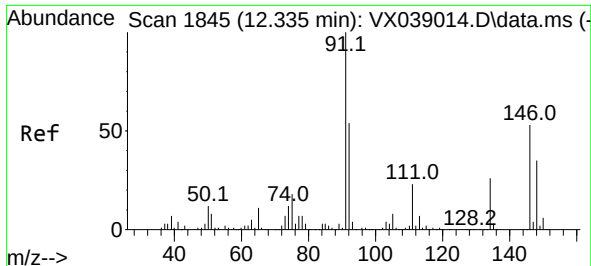
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#86
Hexachloroethane
Concen: 18.964 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

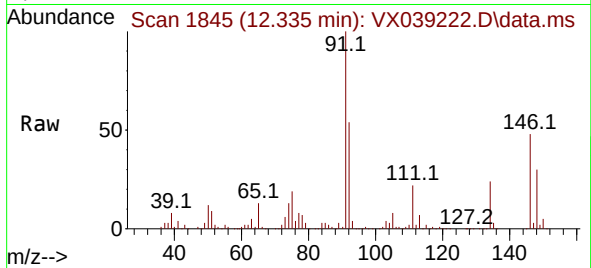
Tgt Ion:117 Resp: 25653
Ion Ratio Lower Upper
117 100
201 58.5 31.8 95.3





#87
1,2-Dichlorobenzene
Concen: 20.120 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

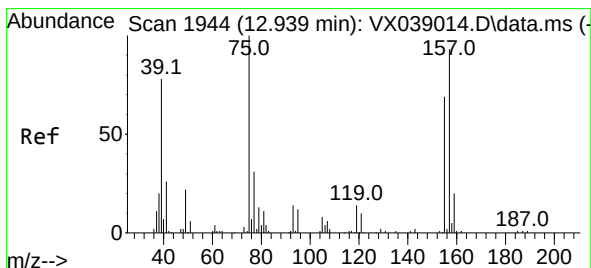
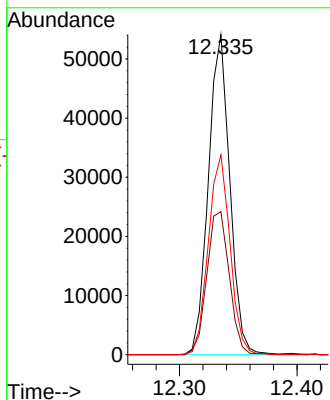
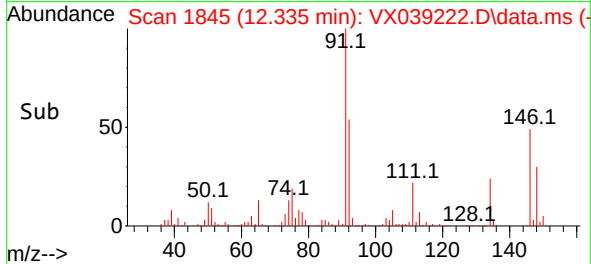
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



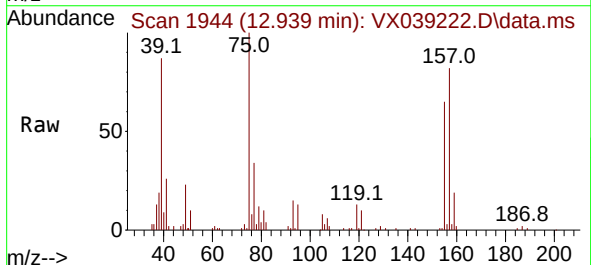
Tgt Ion:146 Resp: 68570
Ion Ratio Lower Upper
146 100
111 46.7 22.4 67.2
148 62.8 31.9 95.7

Manual Integrations
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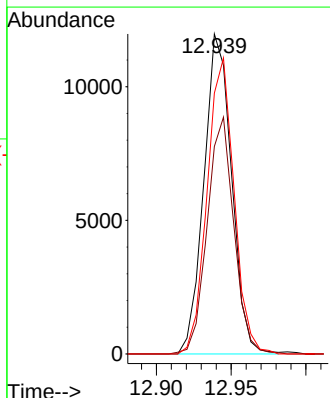
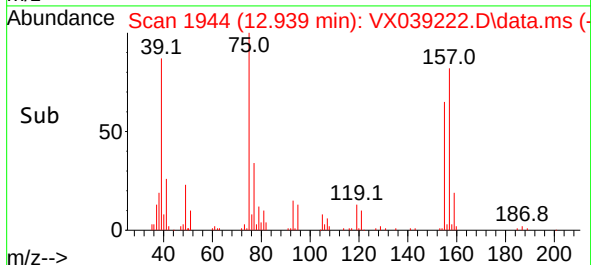
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

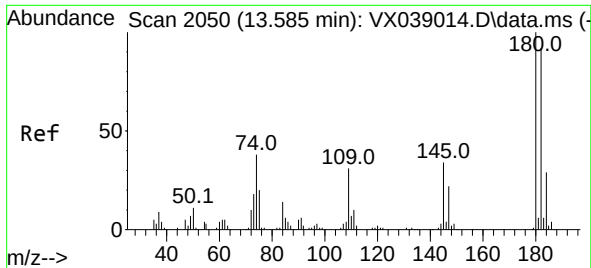


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.849 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36



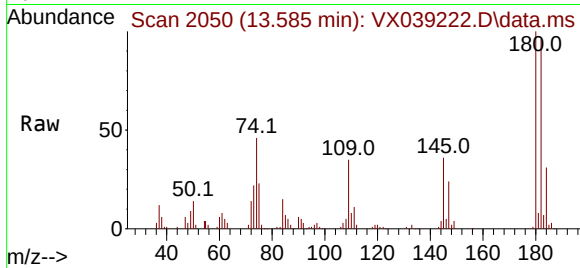
Tgt Ion: 75 Resp: 15415
Ion Ratio Lower Upper
75 100
155 71.4 58.2 87.4
157 90.0 76.5 114.7





#89
1,2,4-Trichlorobenzene
Concen: 19.792 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

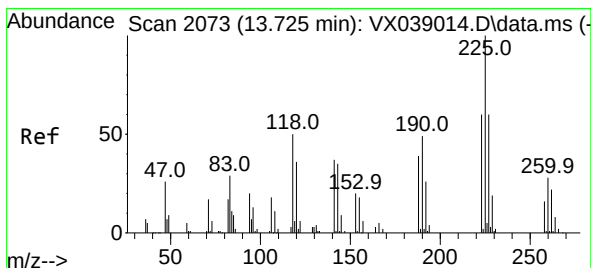
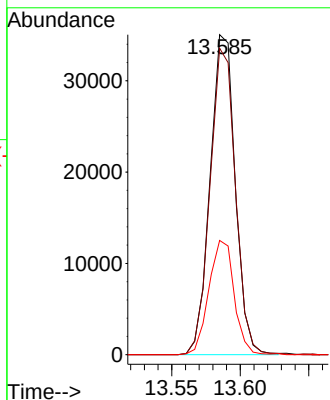
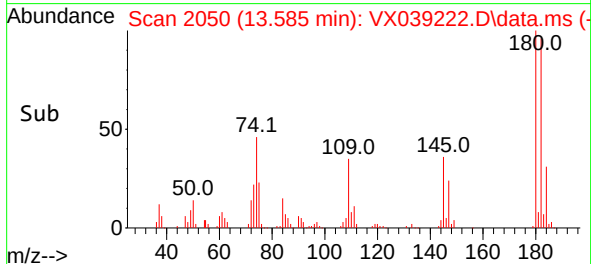
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



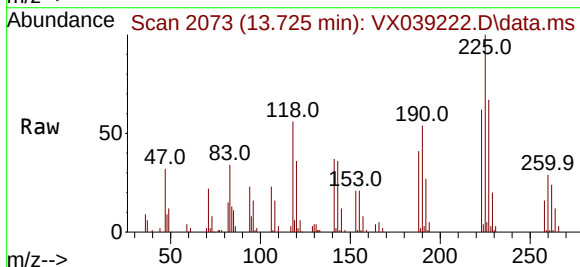
Tgt Ion:180 Resp: 44720
Ion Ratio Lower Upper
180 100
182 96.6 74.5 111.7
145 35.9 26.6 40.0

Manual Integrations
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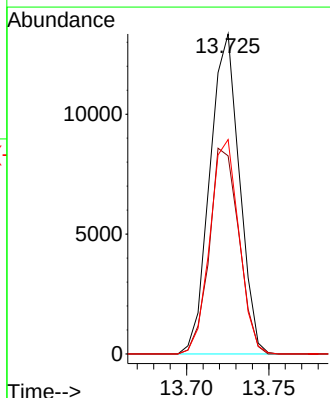
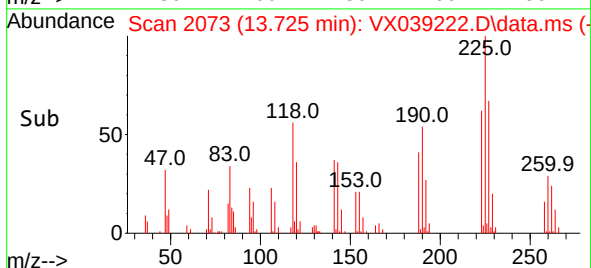
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

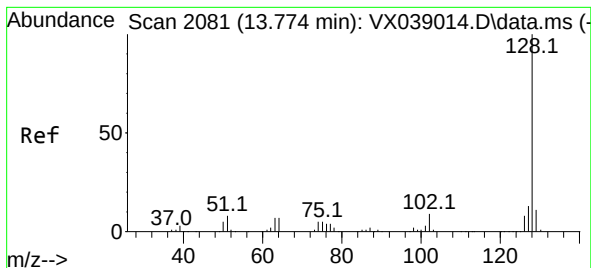


#90
Hexachlorobutadiene
Concen: 20.693 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36



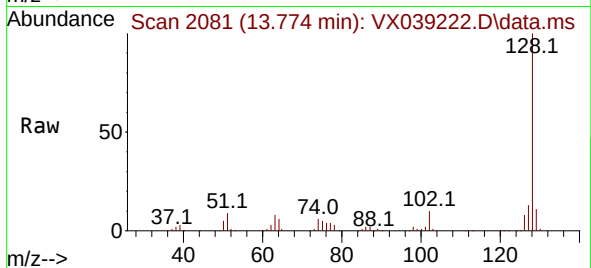
Tgt Ion:225 Resp: 16695
Ion Ratio Lower Upper
225 100
223 64.4 0.0 124.4
227 65.8 0.0 124.4





#91
Naphthalene
Concen: 19.155 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36

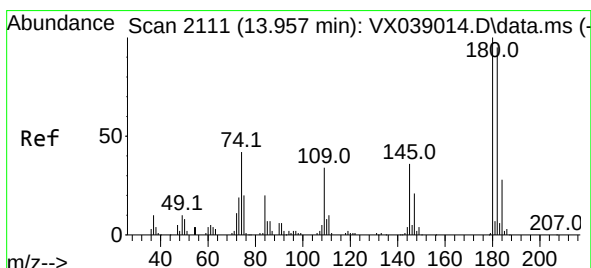
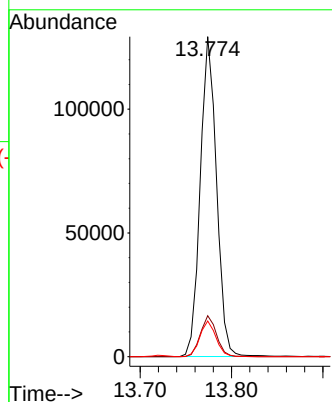
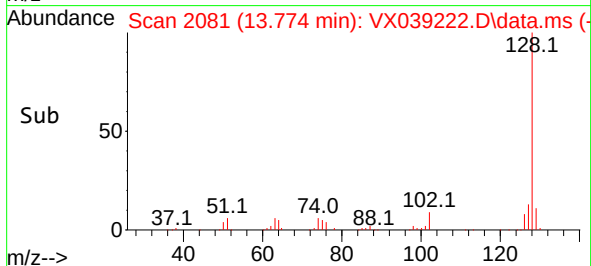
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



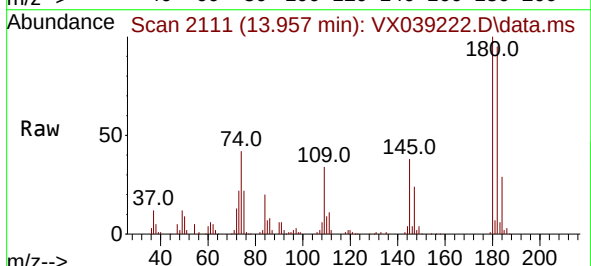
Tgt Ion:128 Resp: 15962
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 8.6 12.8

Manual Integrations
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Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#92
1,2,3-Trichlorobenzene
Concen: 20.060 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX039222.D
Acq: 15 Dec 2023 09:36



Tgt Ion:180 Resp: 43903
Ion Ratio Lower Upper
180 100
182 94.1 0.0 191.6
145 36.9 0.0 69.6

