

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
 Data File : VX037932.D
 Acq On : 27 Sep 2023 19:13
 Operator : JC/MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC050

Quant Time: Sep 28 05:45:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X092723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Sep 28 03:42:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/28/2023
 Supervised By : Semsettin Yesilyurt 09/28/2023

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

Internal Standards						
1) Bromochloromethane	4.898	128	46833	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	261348	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	252102	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	101479	30.060	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.200%			
60) 4-Bromofluorobenzene	11.079	95	123131	29.961	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.867%			
63) Toluene-d8	8.647	98	329235	30.253	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.833%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	118661	48.333	ug/l	100
3) Chloromethane	1.295	50	128901	49.025	ug/l	96
4) Vinyl Chloride	1.374	62	144247	49.007	ug/l	99
5) Bromomethane	1.605	94	116558m	51.404	ug/l	
6) Chloroethane	1.685	64	94025	47.566	ug/l	93
7) Trichlorofluoromethane	1.886	101	239539	49.303	ug/l	99
8) Diethyl Ether	2.130	74	88366	49.299	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	120882	48.801	ug/l	98
10) 1,1-Dichloroethene	2.319	96	119581	49.317	ug/l	93
11) Methyl Iodide	2.453	142	163073	49.692	ug/l	100
12) Methyl Acetate	2.703	43	242260	49.155	ug/l	98
13) Acrolein	2.233	56	137053	240.977	ug/l	95
14) Acrylonitrile	3.063	53	334702	245.966	ug/l	98
15) Acetone	2.380	58	92291	234.474	ug/l	89
16) Carbon Disulfide	2.514	76	294829	49.829	ug/l	97
17) Allyl chloride	2.666	41	184068	49.585	ug/l	97
18) Methylene Chloride	2.788	84	139648	48.053	ug/l	96
19) trans-1,2-Dichloroethene	3.093	96	134820	49.332	ug/l	96
20) Diisopropyl ether	3.758	45	391820	49.440	ug/l	88
21) 1,1-Dichloroethane	3.611	63	235842	49.254	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	160901	49.586	ug/l	95
23) tert-Butyl Alcohol	2.953	59	137569m	242.371	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	413877	49.314	ug/l	96
25) Chloroform	5.093	83	261534	49.665	ug/l	99
26) Cyclohexane	5.471	56	201143	49.361	ug/l #	97
29) 1,1-Dichloropropene	5.696	75	186752	49.433	ug/l	96
30) 2-Butanone	4.550	43	447469	246.803	ug/l	96
31) 2,2-Dichloropropane	4.477	77	188419	49.506	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	226449	50.023	ug/l	98
33) Carbon Tetrachloride	5.678	117	196770	50.777	ug/l	95
34) Benzene	6.038	78	559814	49.604	ug/l #	96
35) Methacrylonitrile	4.922	41	95783	50.249	ug/l	94
36) 1,2-Dichloroethane	6.086	62	194432	48.702	ug/l	98
37) Trichloroethene	7.129	130	154835	49.732	ug/l	94
38) Methylcyclohexane	7.379	83	238164	50.155	ug/l	94
39) 1,2-Dichloropropane	7.428	63	143080	49.556	ug/l	96
40) Dibromomethane	7.580	93	106631	50.050	ug/l	98
41) Bromodichloromethane	7.824	83	198237	50.965	ug/l	99
42) Vinyl Acetate	3.721	43	1441081	252.138	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	177303	49.467	ug/l	99
44) Isopropyl Acetate	6.342	43	296163	49.946	ug/l	97
45) 1,4-Dioxane	7.659	88	67745	991.438	ug/l #	1
46) Methyl methacrylate	7.690	41	142296	50.483	ug/l	92
47) n-amyl Acetate	10.842	43	280359	50.254	ug/l	96
48) t-1,3-Dichloropropene	8.976	75	215076	50.900	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	231317	50.975	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	152243	50.005	ug/l	97
51) Ethyl methacrylate	9.116	69	226932	50.586	ug/l	95
52) 1,3-Dichloropropane	9.311	76	243517	49.862	ug/l	99
53) Dibromochloromethane	9.519	129	161445	51.452	ug/l	100
54) 1,2-Dibromoethane	9.610	107	165954	50.232	ug/l	99
55) 2-Chloroethyl vinyl ether	8.245	63	549195	251.140	ug/l	98
56) Bromoform	10.799	173	119551	50.658	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	921632	249.733	ug/l	95
59) 2-Hexanone	9.427	43	700383	249.901	ug/l	95
61) Tetrachloroethene	9.275	164	134614	50.176	ug/l	97
62) Toluene	8.720	91	645390	49.352	ug/l	99
64) Chlorobenzene	10.080	112	408150	50.032	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	150569	50.847	ug/l	99
66) Ethyl Benzene	10.195	91	727901	50.434	ug/l	97
67) m/p-Xylenes	10.299	106	570545	100.350	ug/l	100
68) o-Xylene	10.640	106	280574	50.959	ug/l	99
69) Styrene	10.653	104	470517	50.940	ug/l	97
70) Isopropylbenzene	10.964	105	738707	50.555	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.214	83	242639	50.384	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	215788m	51.032	ug/l	
73) Bromobenzene	11.195	156	185911	50.162	ug/l	91
74) n-propylbenzene	11.305	91	887259	50.827	ug/l	100
75) 2-Chlorotoluene	11.366	91	512405	50.138	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	637121	50.563	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	69637	51.999	ug/l	89
78) 4-Chlorotoluene	11.451	91	599733	50.025	ug/l	98
79) tert-butylbenzene	11.713	119	631308	50.904	ug/l	95
80) 1,2,4-Trimethylbenzene	11.750	105	632016	50.455	ug/l	99
81) sec-Butylbenzene	11.890	105	806972	50.597	ug/l	99
82) p-Isopropyltoluene	12.006	119	682348	50.959	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	359107	50.147	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	363012	50.026	ug/l	99
85) n-Butylbenzene	12.329	91	641254	51.186	ug/l	99
86) Hexachloroethane	12.536	117	112492	51.565	ug/l	94
87) 1,2-Dichlorobenzene	12.335	146	354891	50.299	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.939	75	49616	51.726	ug/l	85
89) 1,2,4-Trichlorobenzene	13.585	180	240952	50.194	ug/l	98
90) Hexachlorobutadiene	13.725	225	106619	50.557	ug/l	95
91) Naphthalene	13.774	128	733618	50.389	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	234671	50.213	ug/l	99

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

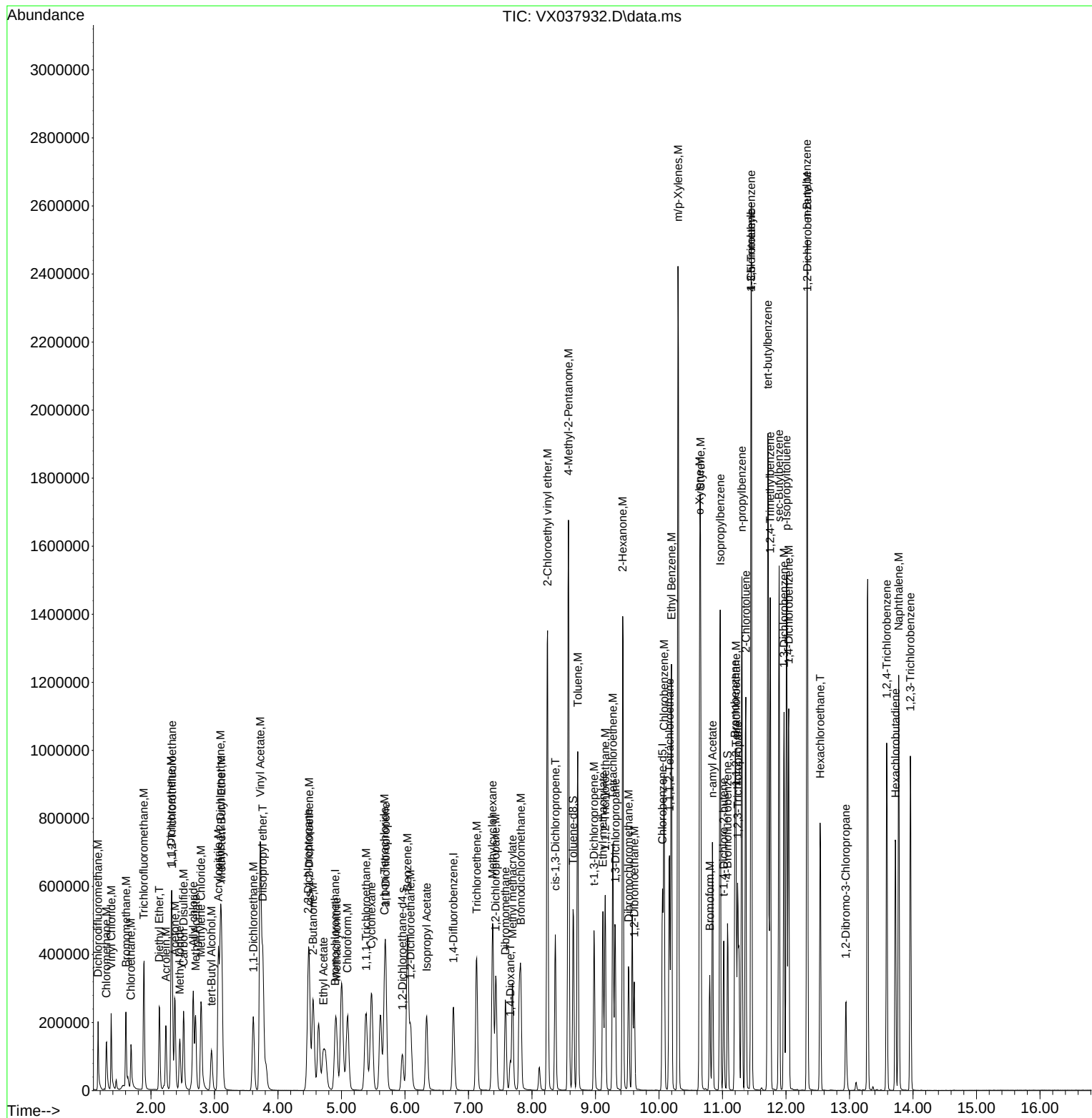
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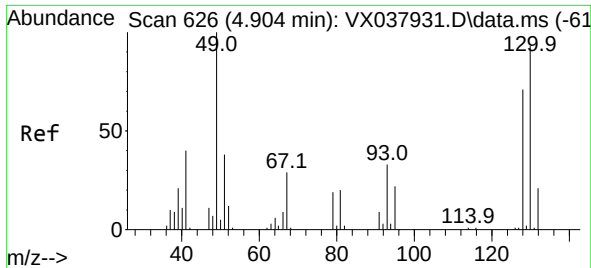
Instrument :
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 ClientSampleId :
 VSTDIC050

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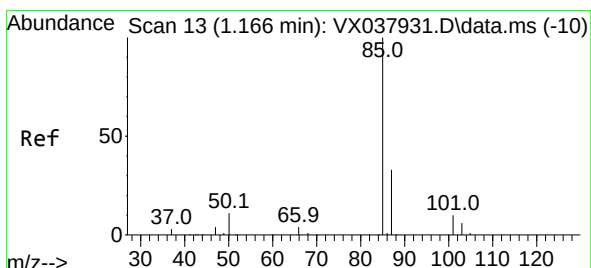
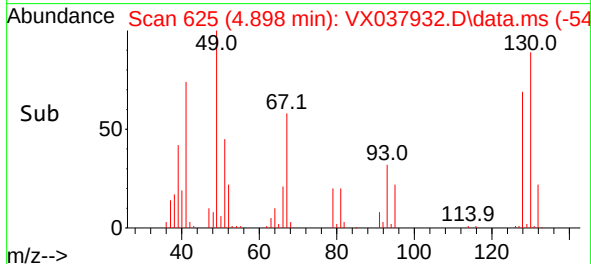
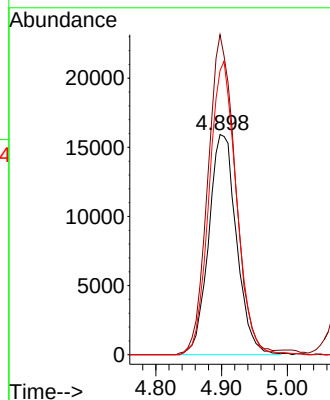
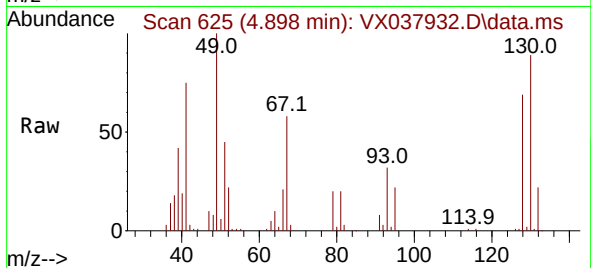
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 4683
Ion Ratio Lower Upper
128 100
49 144.0 0.0 406.3
130 130.8 0.0 328.0

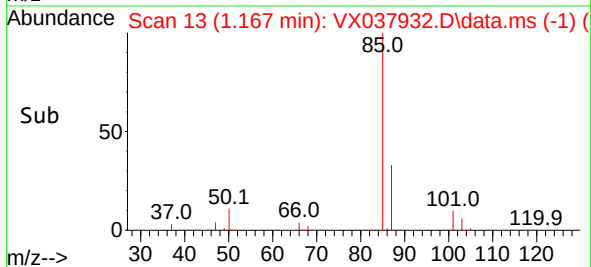
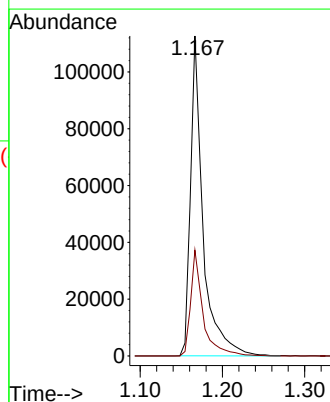
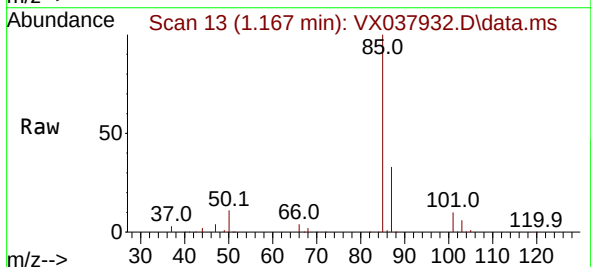
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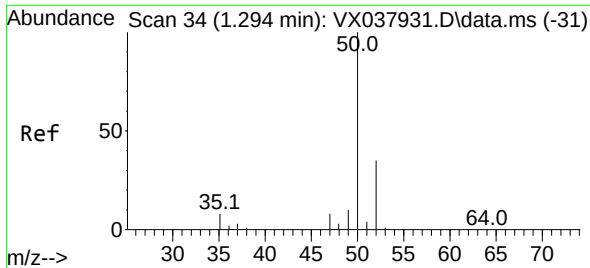
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#2
Dichlorodifluoromethane
Concen: 48.333 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Tgt Ion: 85 Resp: 118661
Ion Ratio Lower Upper
85 100
87 33.1 16.4 49.4





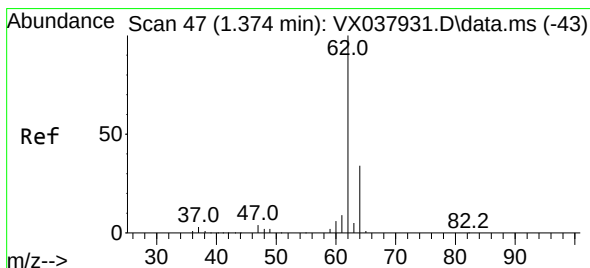
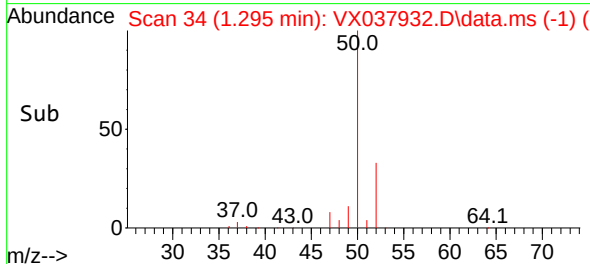
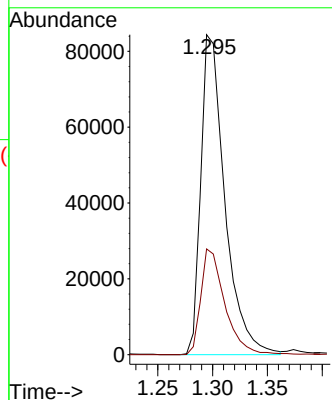
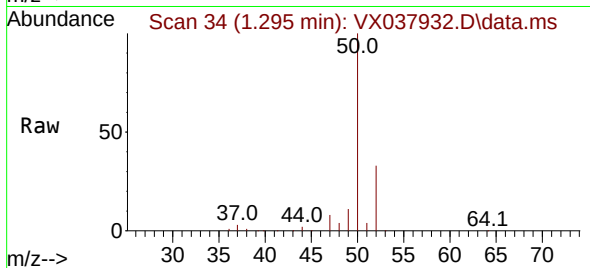
#3
Chloromethane
Concen: 49.025 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 50 Resp: 12890
Ion Ratio Lower Upper
50 100
52 33.0 24.5 36.7

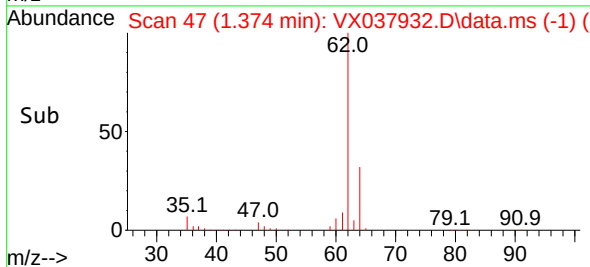
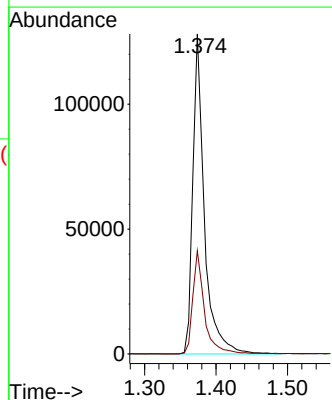
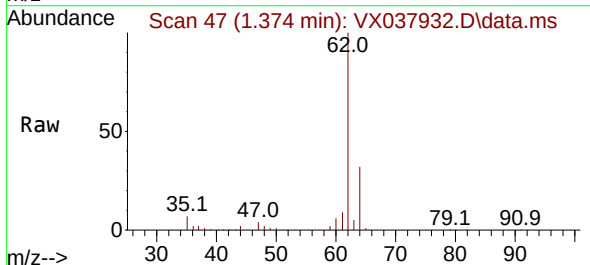
Manual Integrations
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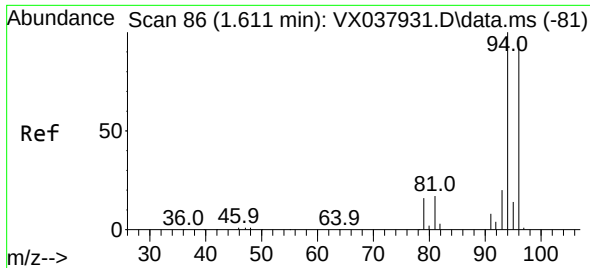
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#4
Vinyl Chloride
Concen: 49.007 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

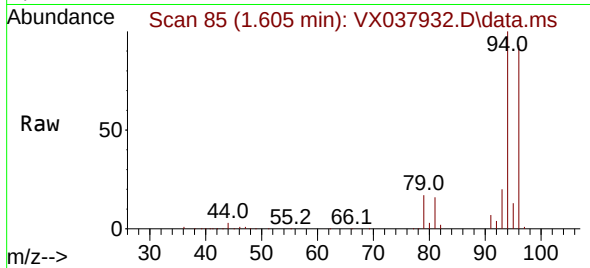
Tgt Ion: 62 Resp: 144247
Ion Ratio Lower Upper
62 100
64 32.2 25.3 37.9





#5
Bromomethane
Concen: 51.404 ug/l m
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

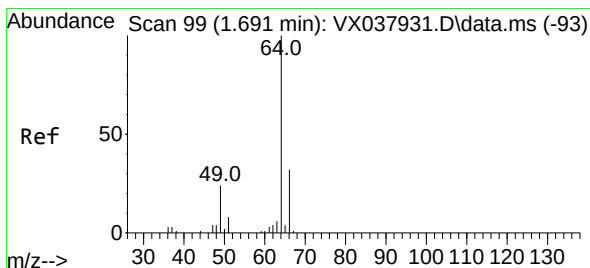
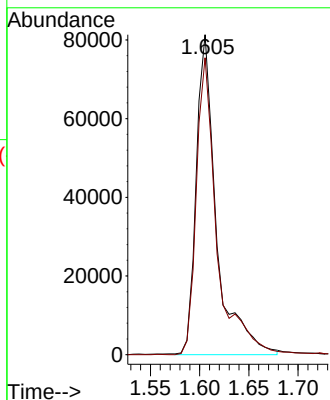
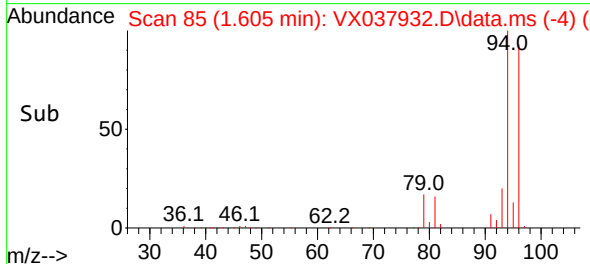
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 94 Resp: 116558
Ion Ratio Lower Upper
94 100
96 92.8 77.4 116.2

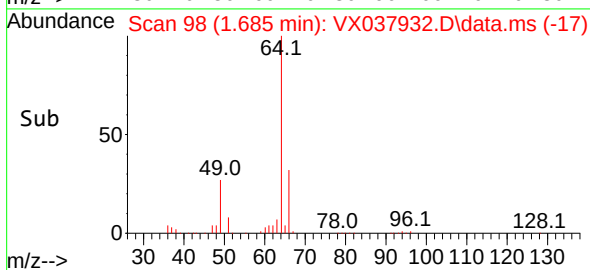
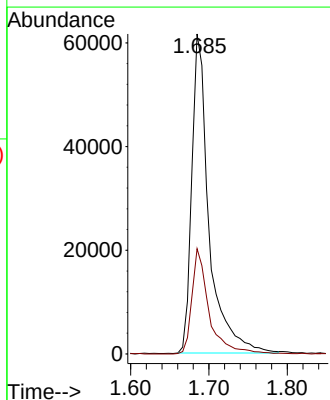
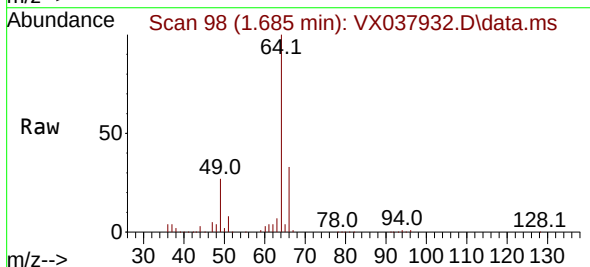
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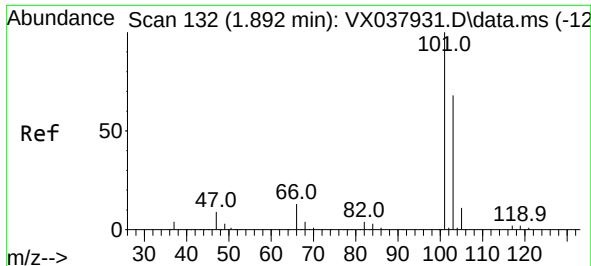
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#6
Chloroethane
Concen: 47.566 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Tgt Ion: 64 Resp: 94025
Ion Ratio Lower Upper
64 100
66 32.9 23.1 34.7





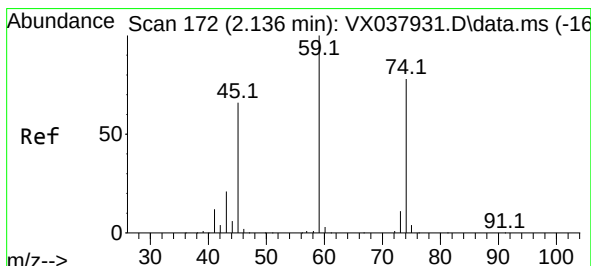
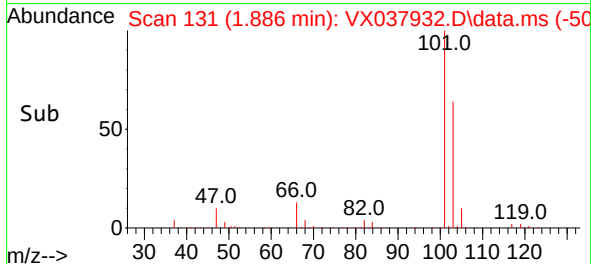
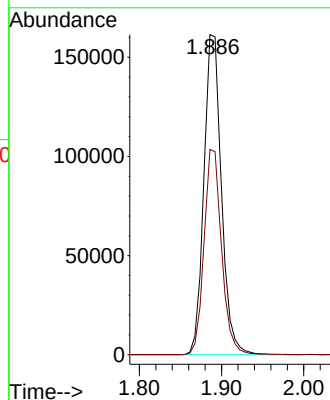
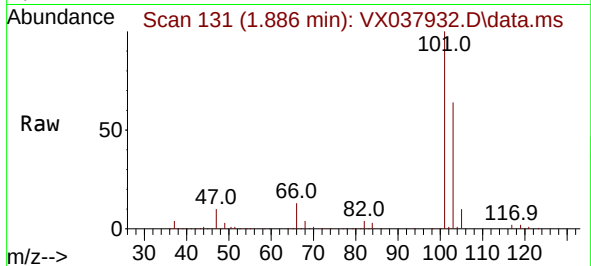
#7
Trichlorofluoromethane
Concen: 49.303 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion:101 Resp: 239539
Ion Ratio Lower Upper
101 100
103 64.1 52.2 78.2

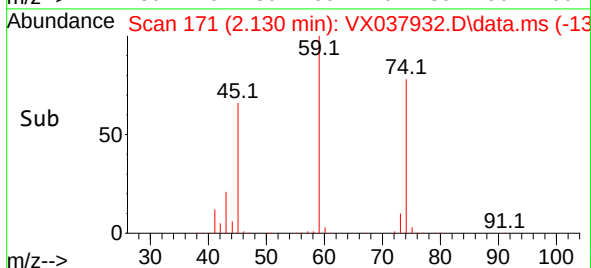
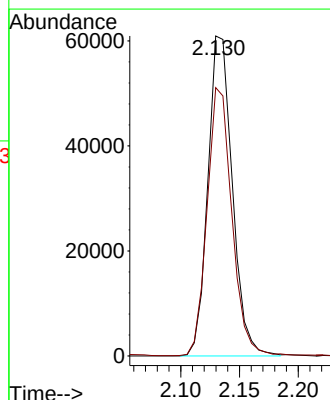
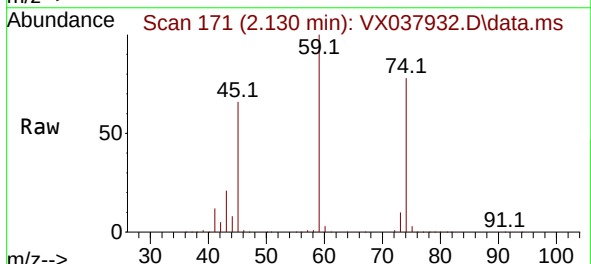
Manual Integrations
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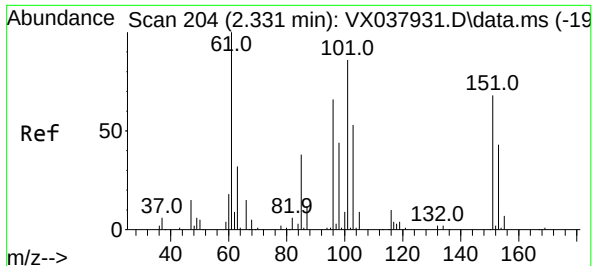
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#8
Diethyl Ether
Concen: 49.299 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Tgt Ion: 74 Resp: 88366
Ion Ratio Lower Upper
74 100
45 85.2 19.9 178.9





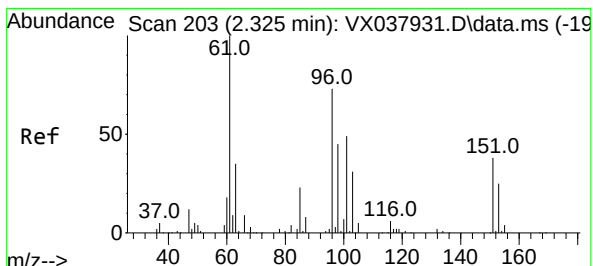
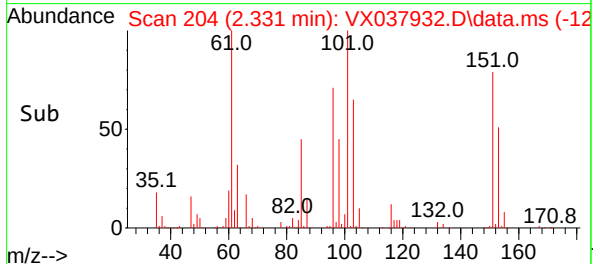
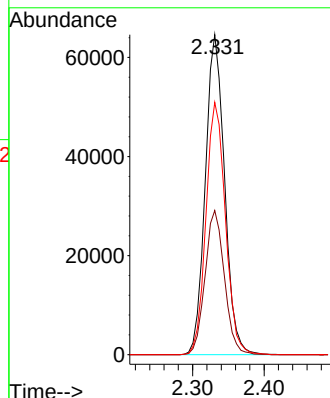
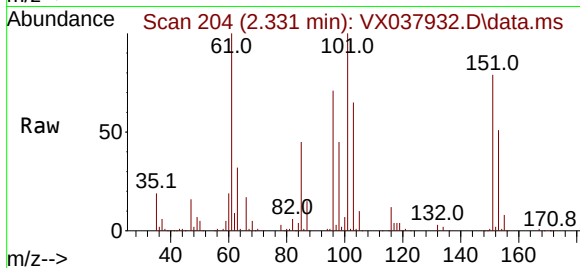
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 1,1,2-Trichlorotrifluoroethane
 Concen: 48.801 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX037932.D
 Acq: 27 Sep 2023 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tgt Ion:101 Resp: 12088
 Ion Ratio Lower Upper
 101 100
 85 45.3 0.0 91.0
 151 79.8 0.0 155.4

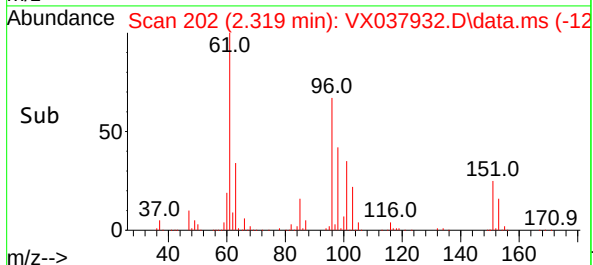
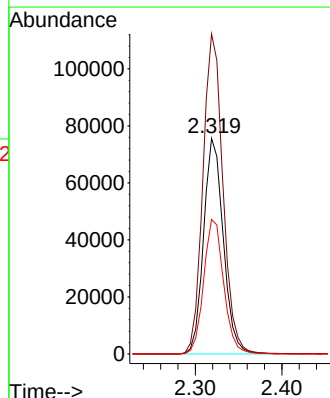
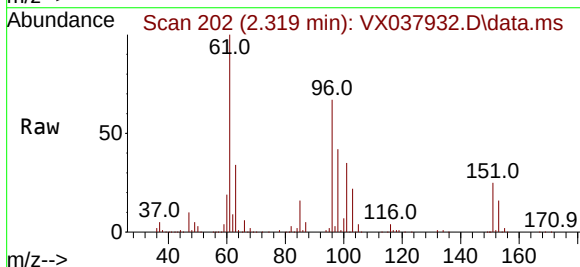
Manual Integrations
 APPROVED

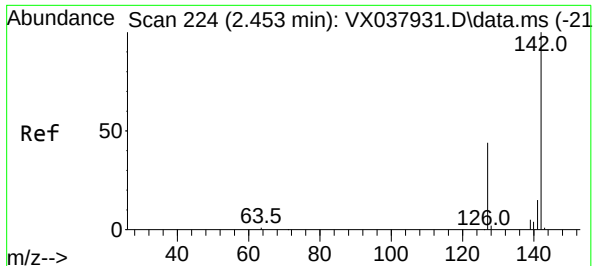
Reviewed By :John Carbone 09/28/2023
 Supervised By :Semsettin Yesilyurt 09/28/2023



#10
 1,1-Dichloroethene
 Concen: 49.317 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. -0.006 min
 Lab File: VX037932.D
 Acq: 27 Sep 2023 19:13

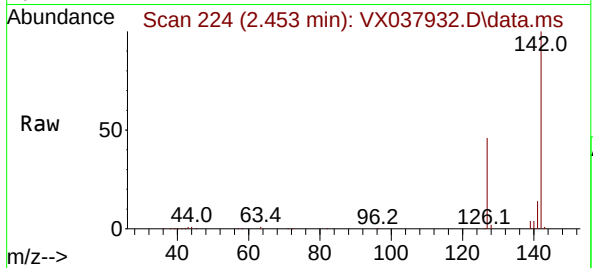
Tgt Ion: 96 Resp: 119581
 Ion Ratio Lower Upper
 96 100
 61 148.4 127.2 190.8
 98 62.4 52.7 79.1





#11
Methyl Iodide
Concen: 49.692 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

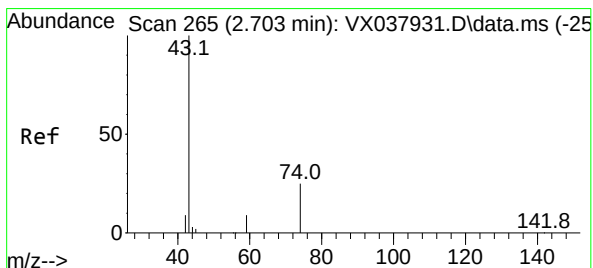
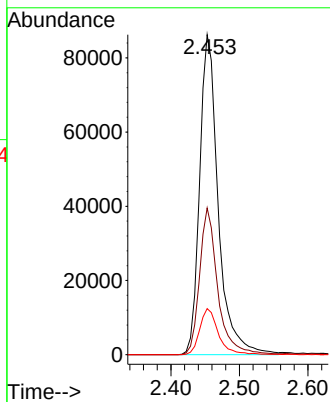
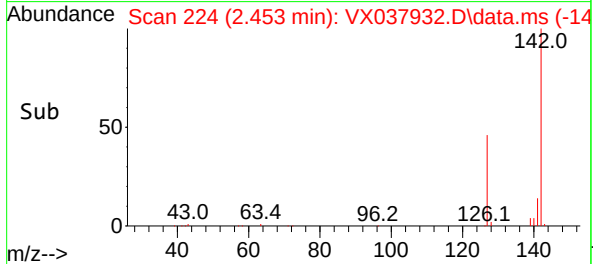
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:142 Resp: 163073
Ion Ratio Lower Upper
142 100
127 45.9 22.9 68.8
141 14.4 7.5 22.6

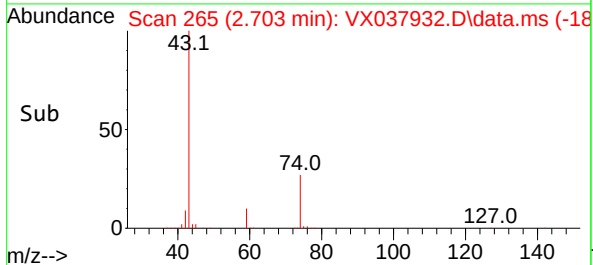
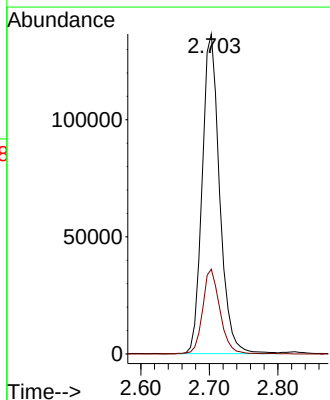
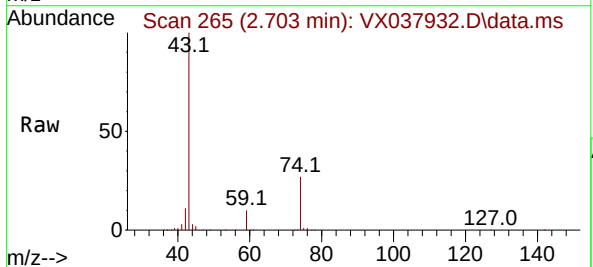
Manual Integrations
APPROVED

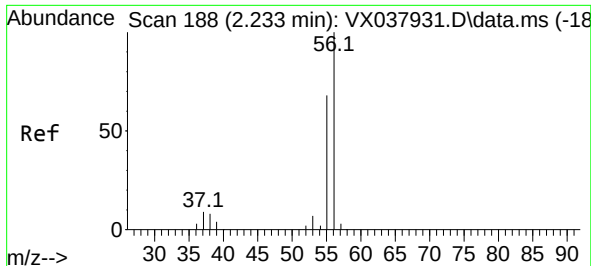
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#12
Methyl Acetate
Concen: 49.155 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

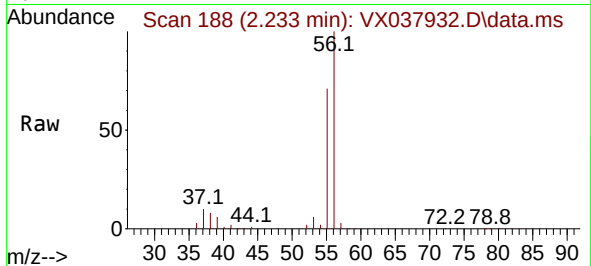
Tgt Ion: 43 Resp: 242260
Ion Ratio Lower Upper
43 100
74 26.4 20.3 30.5





#13
Acrolein
Concen: 240.977 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

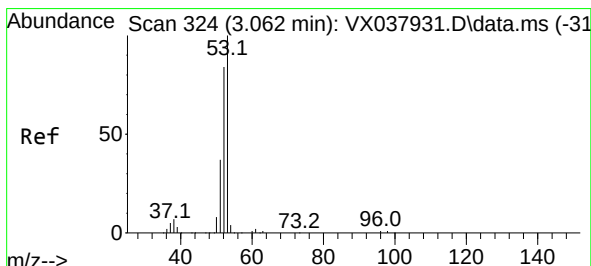
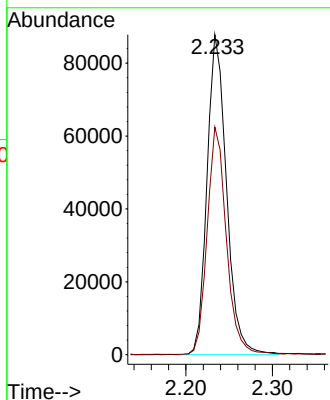
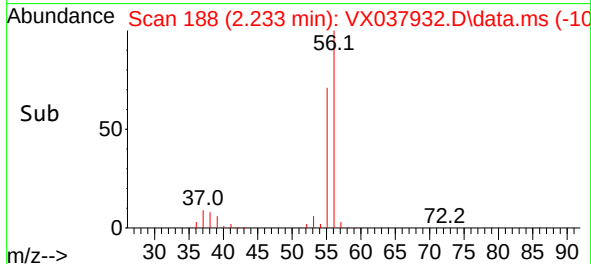
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



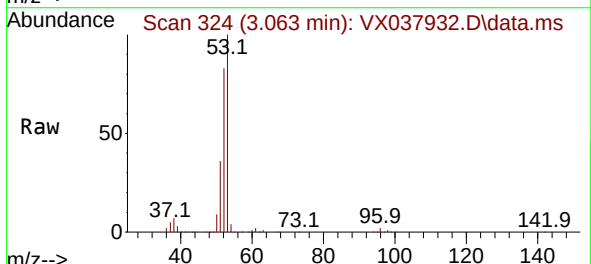
Tgt Ion: 56 Resp: 13705
Ion Ratio Lower Upper
56 100
55 70.3 59.7 89.5

Manual Integrations
APPROVED

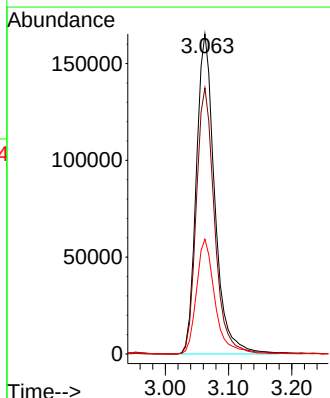
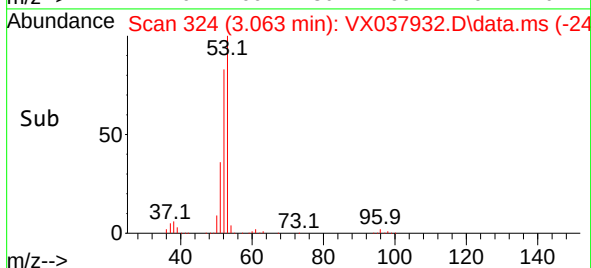
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

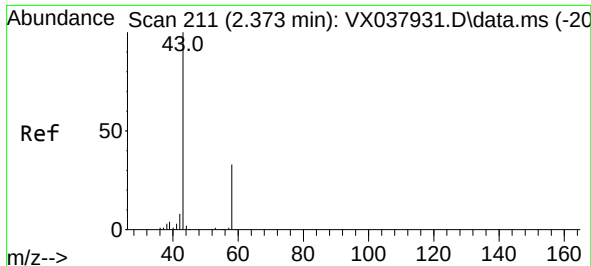


#14
Acrylonitrile
Concen: 245.966 ug/l
RT: 3.063 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13



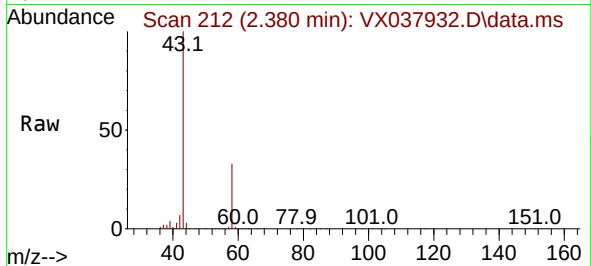
Tgt Ion: 53 Resp: 334702
Ion Ratio Lower Upper
53 100
52 82.7 40.0 119.9
51 36.2 18.2 54.6





#15
Acetone
Concen: 234.474 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

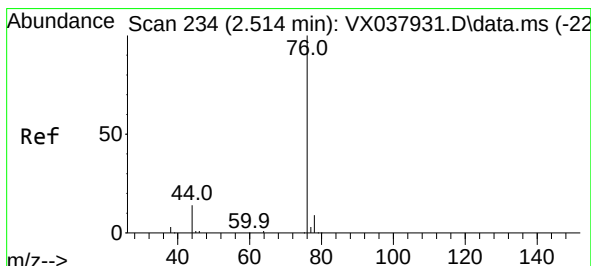
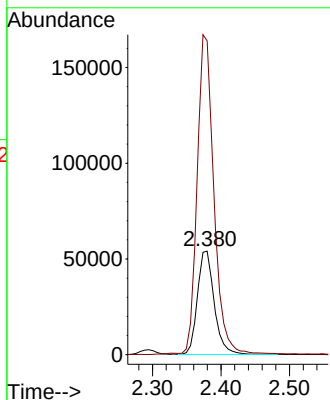
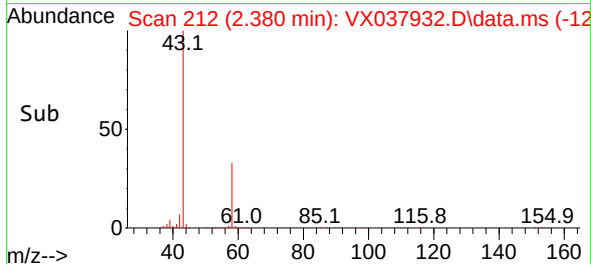
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 58 Resp: 9229
Ion Ratio Lower Upper
58 100
43 303.2 261.0 391.4

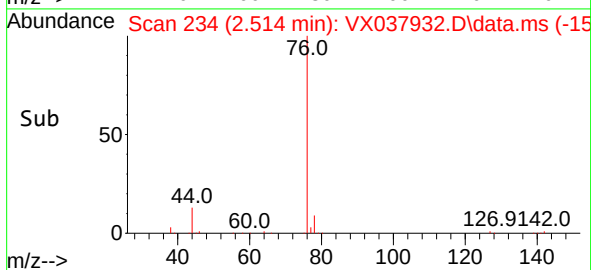
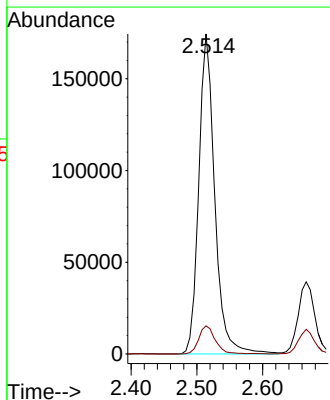
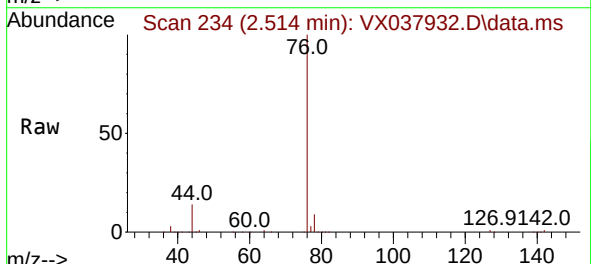
Manual Integrations
APPROVED

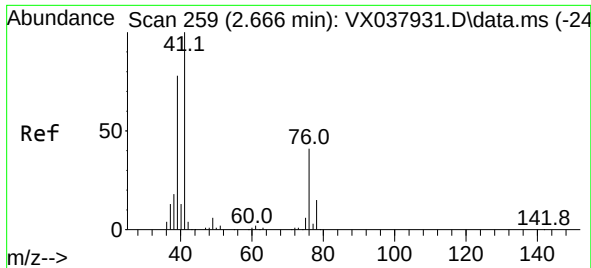
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#16
Carbon Disulfide
Concen: 49.829 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

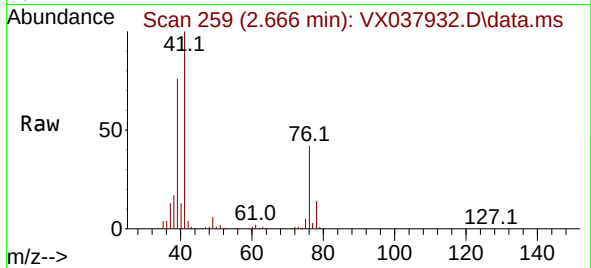
Tgt Ion: 76 Resp: 294829
Ion Ratio Lower Upper
76 100
78 8.8 8.0 12.0





#17
 Allyl chloride
 Concen: 49.585 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX037932.D
 Acq: 27 Sep 2023 19:13

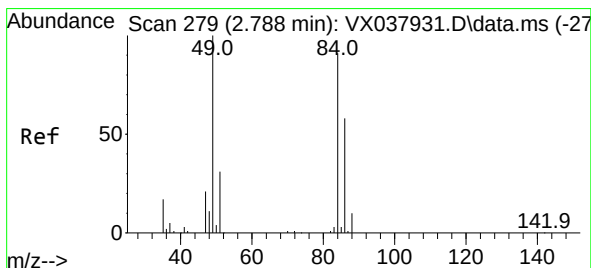
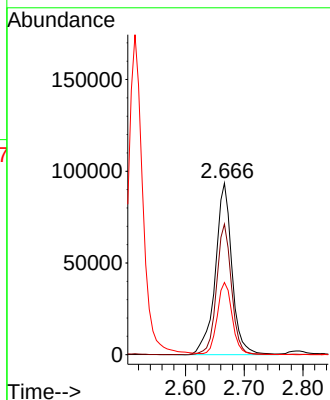
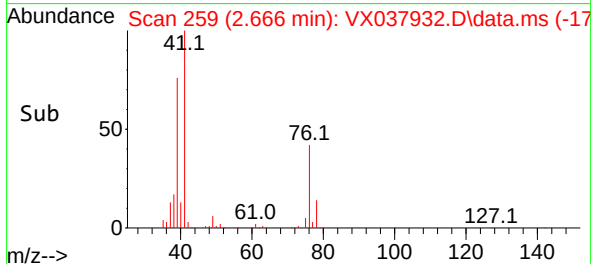
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050



Tgt Ion: 41 Resp: 184068
 Ion Ratio Lower Upper
 41 100
 39 76.0 38.5 115.3
 76 42.0 18.6 55.8

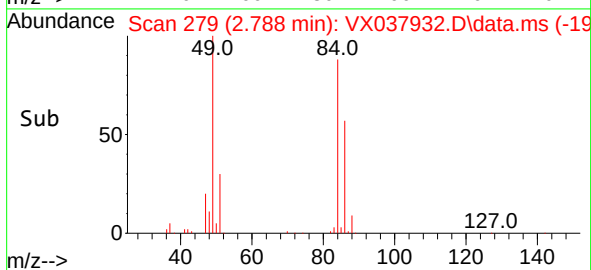
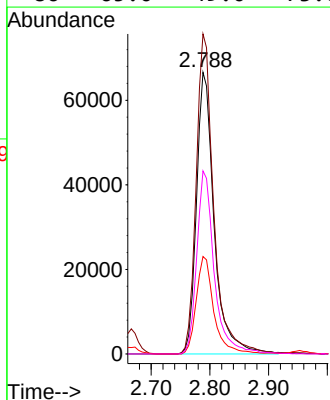
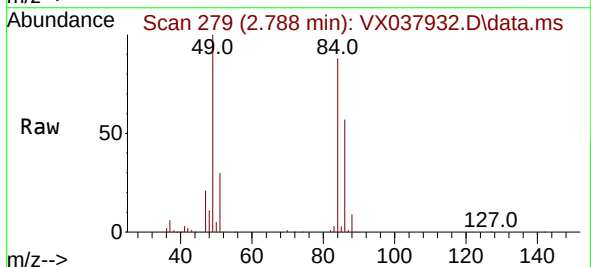
Manual Integrations
 APPROVED

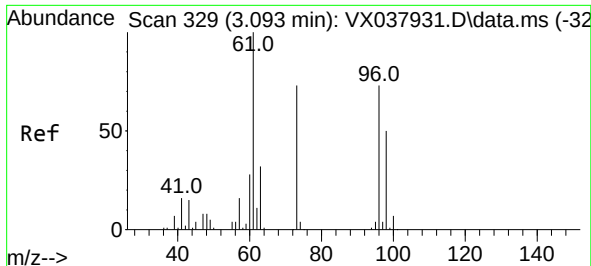
Reviewed By :John Carlone 09/28/2023
 Supervised By :Semsettin Yesilyurt 09/28/2023



#18
 Methylene Chloride
 Concen: 48.053 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX037932.D
 Acq: 27 Sep 2023 19:13

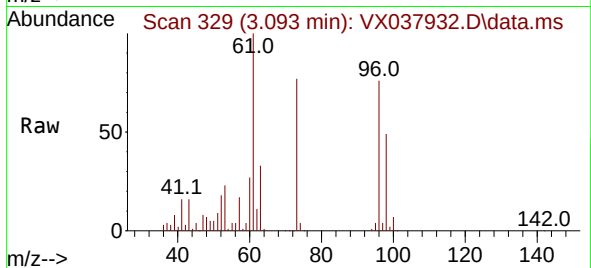
Tgt Ion: 84 Resp: 139648
 Ion Ratio Lower Upper
 84 100
 49 113.6 95.4 143.0
 51 34.6 28.3 42.5
 86 65.0 49.0 73.6





#19
trans-1,2-Dichloroethene
Concen: 49.332 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

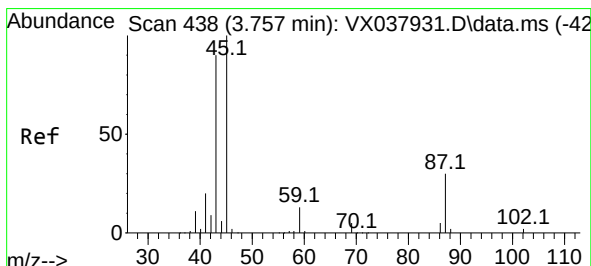
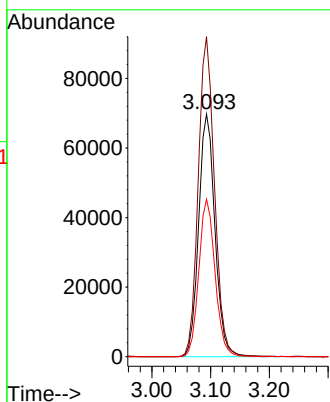
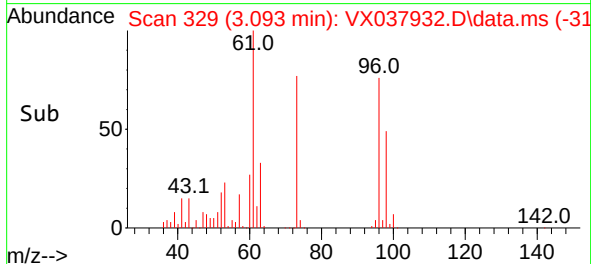
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 96 Resp: 134820
Ion Ratio Lower Upper
96 100
61 131.9 108.7 163.1
98 64.9 49.1 73.7

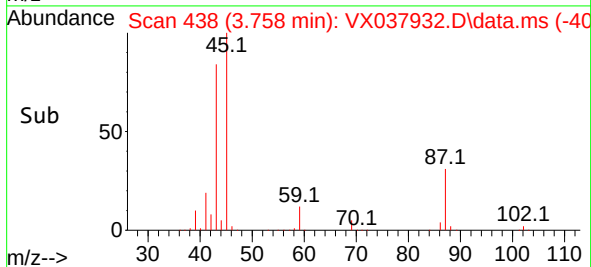
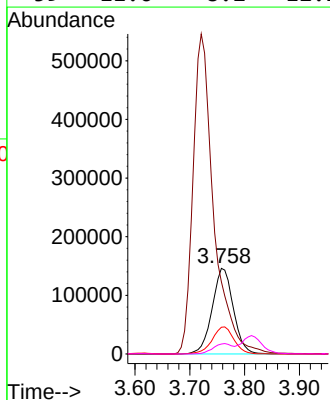
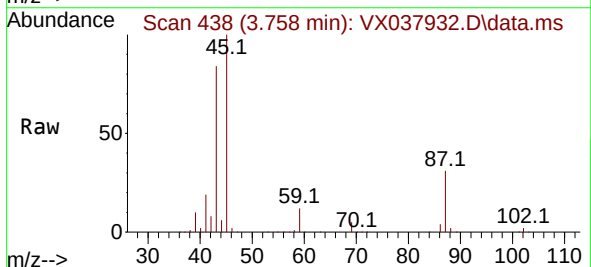
Manual Integrations
APPROVED

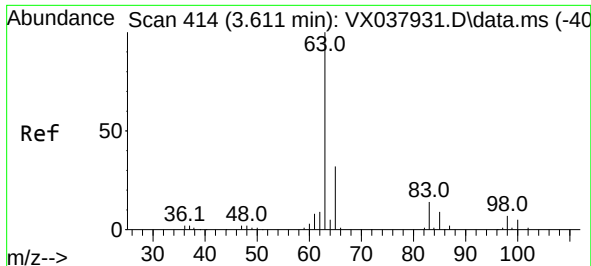
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#20
Diisopropyl ether
Concen: 49.440 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Tgt Ion: 45 Resp: 391820
Ion Ratio Lower Upper
45 100
43 83.3 55.8 83.6
87 31.1 23.0 34.4
59 11.6 8.2 12.2





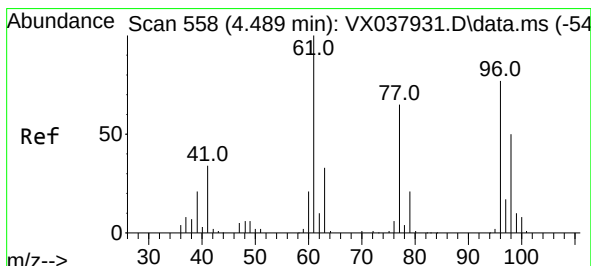
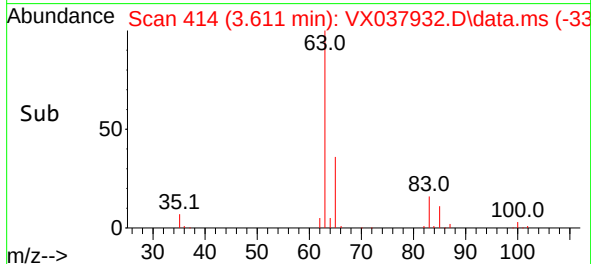
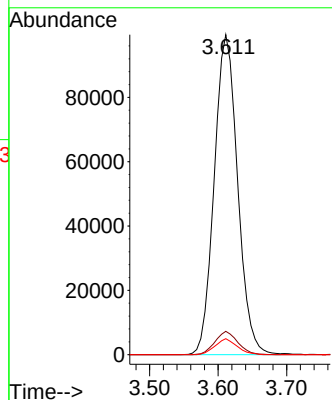
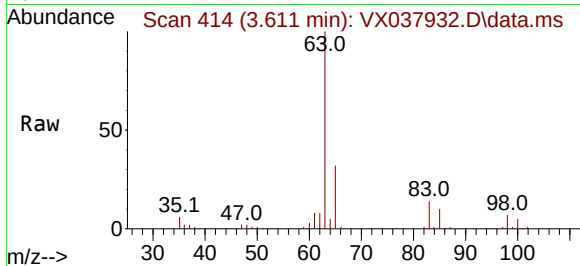
#21
1,1-Dichloroethane
Concen: 49.254 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 23584
Ion Ratio Lower Upper
63 100
98 7.3 3.2 9.6
100 5.0 2.3 6.8

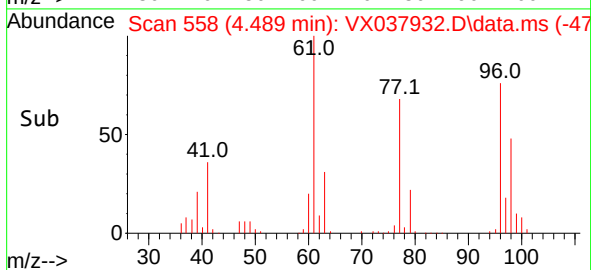
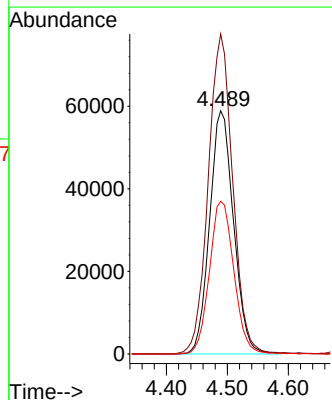
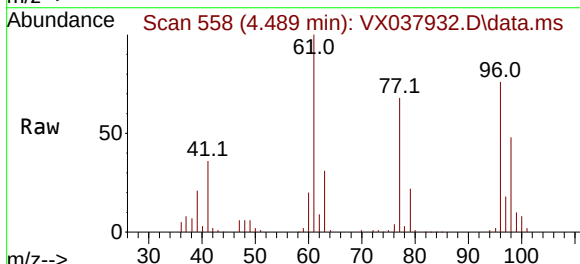
Manual Integrations
APPROVED

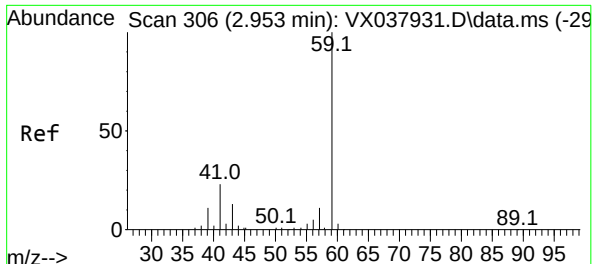
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#22
cis-1,2-Dichloroethene
Concen: 49.586 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

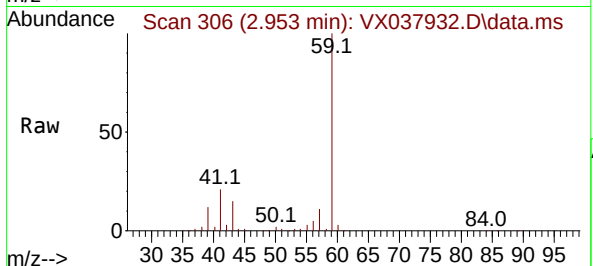
Tgt Ion: 96 Resp: 160901
Ion Ratio Lower Upper
96 100
61 134.4 114.0 171.0
98 63.9 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 242.371 ug/l m
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

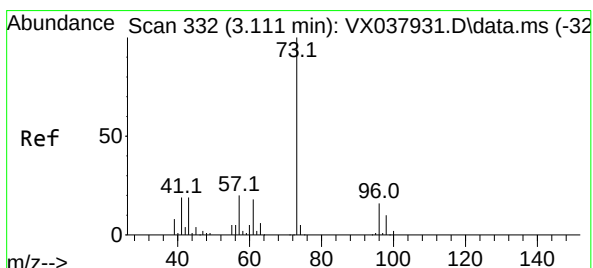
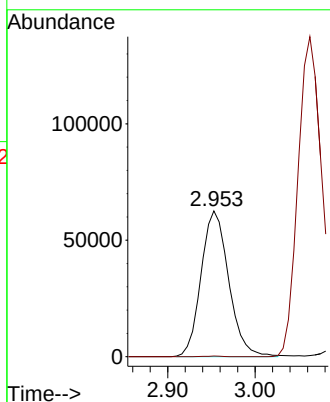
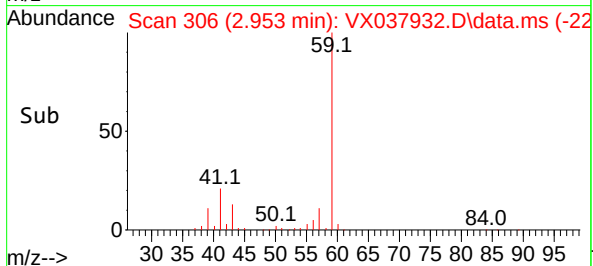
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 59 Resp: 137569
Ion Ratio Lower Upper
59 100
52 0.1 142.6 213.8

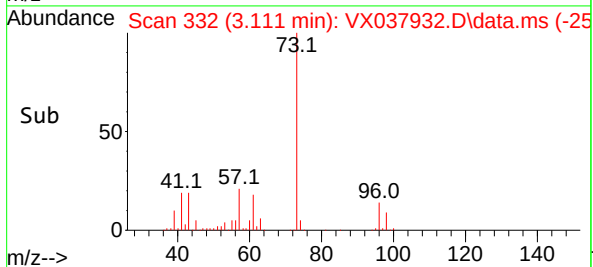
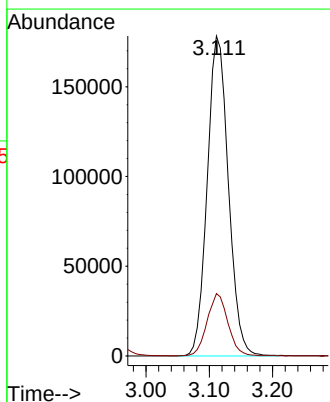
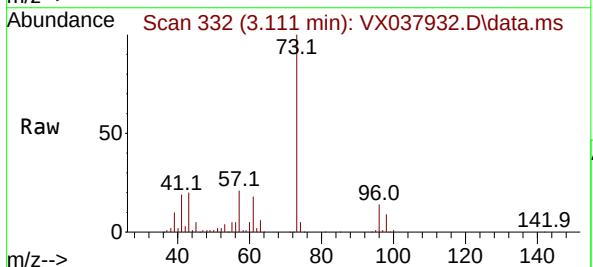
Manual Integrations
APPROVED

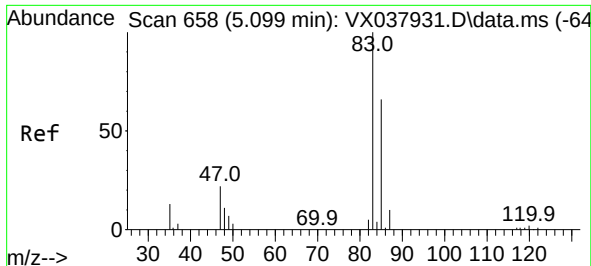
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#24
Methyl tert-Butyl Ether
Concen: 49.314 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Tgt Ion: 73 Resp: 413877
Ion Ratio Lower Upper
73 100
43 19.3 16.8 25.2





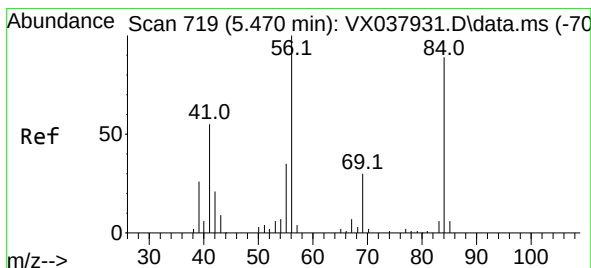
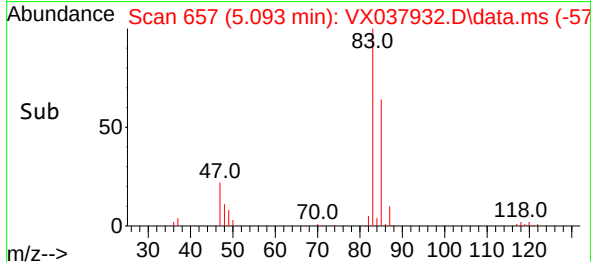
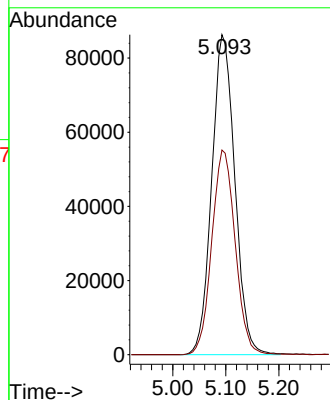
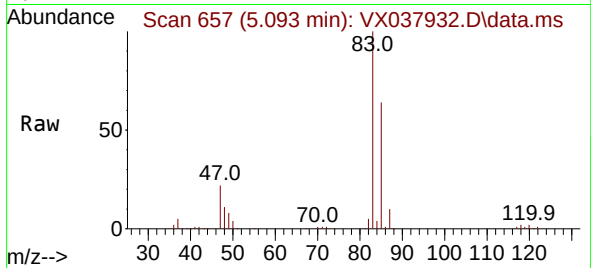
#25
Chloroform
Concen: 49.665 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 83 Resp: 261534
Ion Ratio Lower Upper
83 100
85 63.9 51.5 77.3

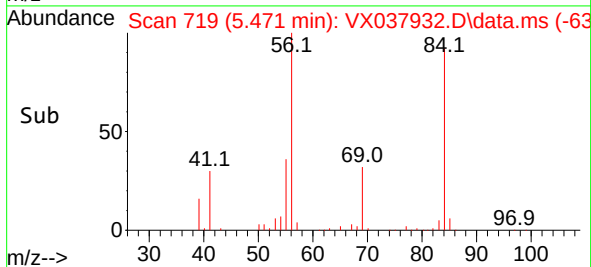
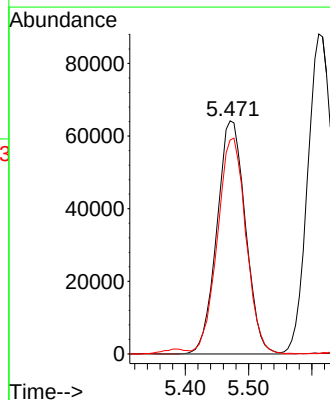
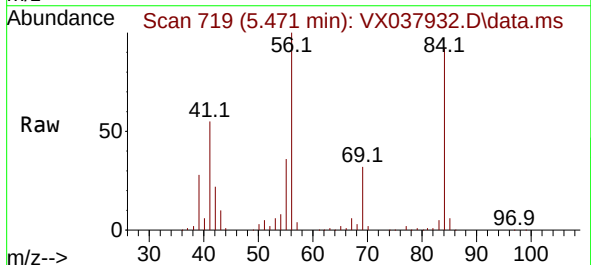
Manual Integrations
APPROVED

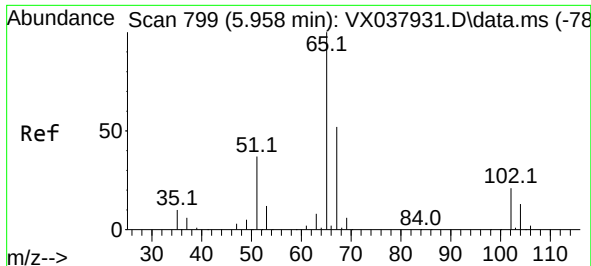
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#26
Cyclohexane
Concen: 49.361 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Tgt Ion: 56 Resp: 201143
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.5 71.4 107.2





#27
1,2-Dichloroethane-d4
Concen: 30.060 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Instrument :

MSVOA_X

ClientSampleId :

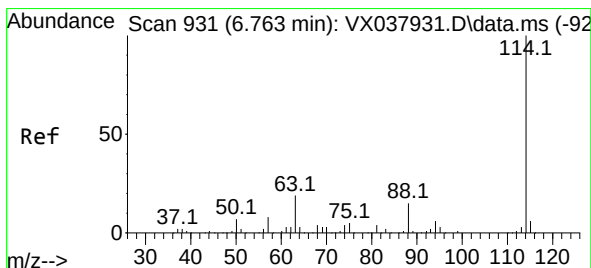
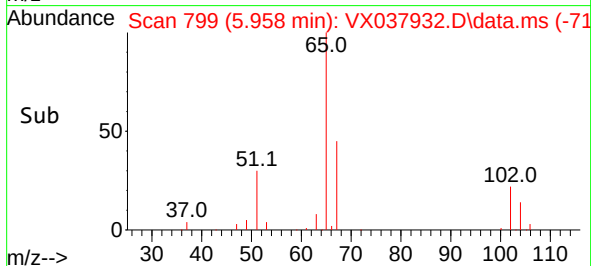
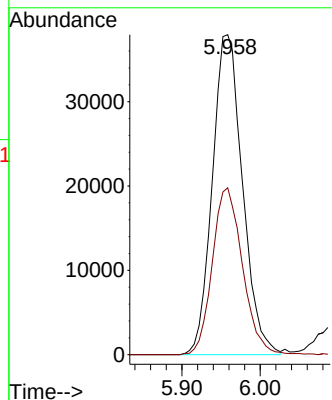
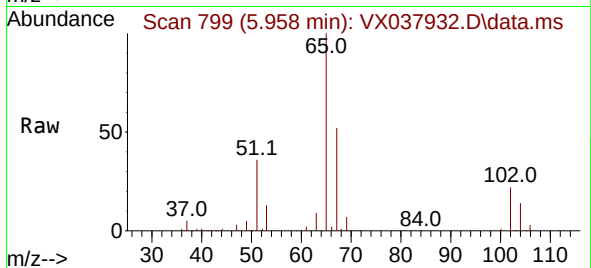
VSTDIC050

Tgt Ion: 65 Resp: 101479
Ion Ratio Lower Upper
65 100
67 52.0 42.1 63.1

Manual Integrations

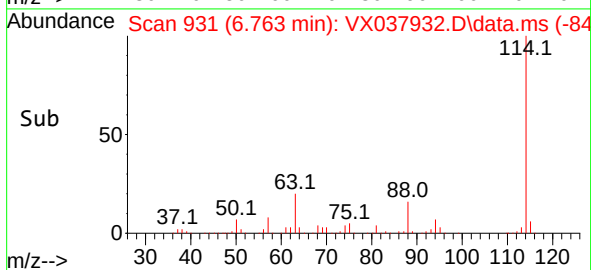
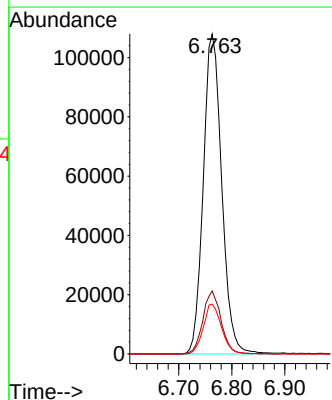
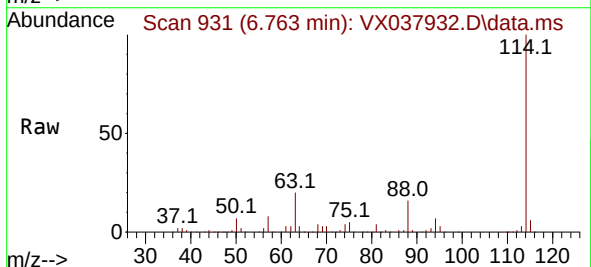
APPROVED

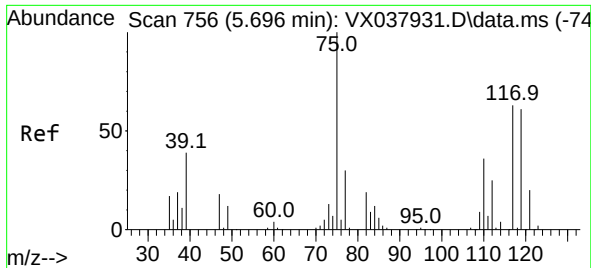
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Tgt Ion:114 Resp: 261348
Ion Ratio Lower Upper
114 100
63 19.3 16.6 24.8
88 15.3 12.9 19.3





#29

1,1-Dichloropropene

Concen: 49.433 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX037932.D

Acq: 27 Sep 2023 19:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 186752

Ion Ratio Lower Upper

75 100

110 38.8 0.0 70.4

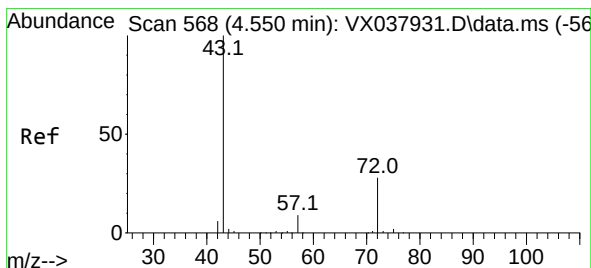
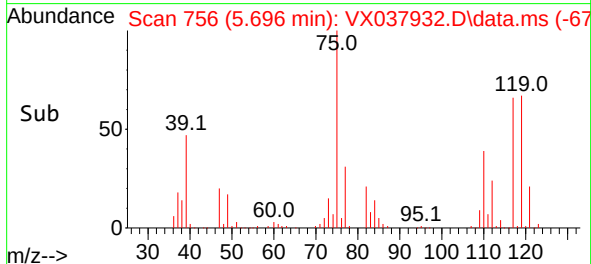
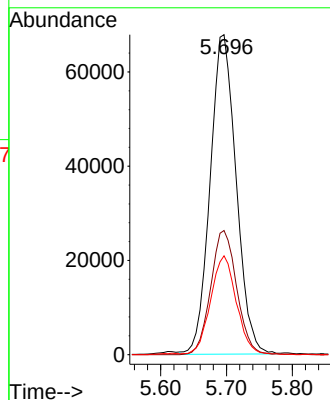
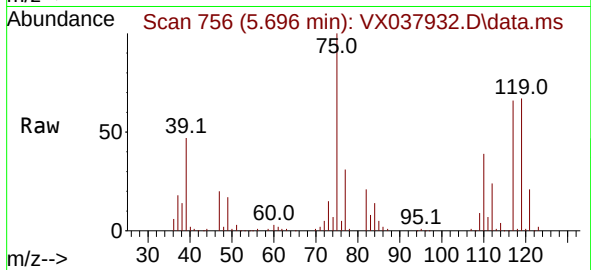
77 30.8 0.0 62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#30

2-Butanone

Concen: 246.803 ug/l

RT: 4.550 min Scan# 568

Delta R.T. 0.000 min

Lab File: VX037932.D

Acq: 27 Sep 2023 19:13

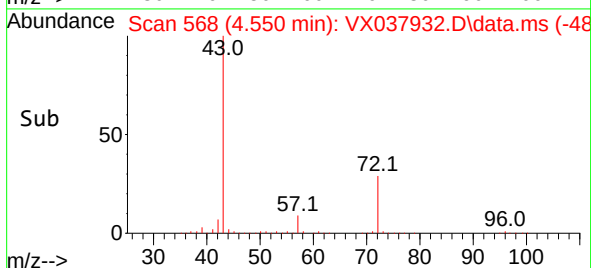
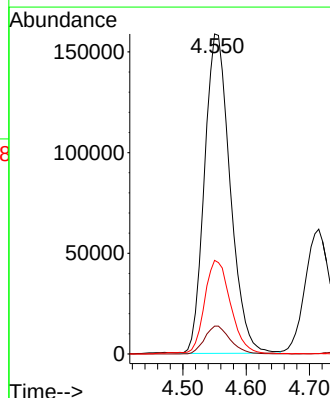
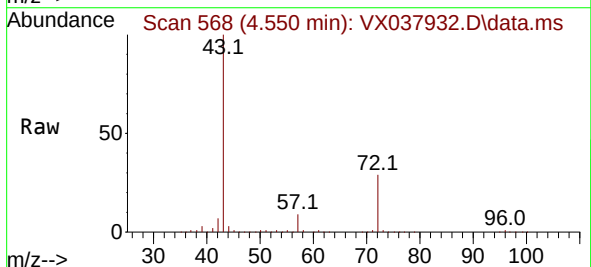
Tgt Ion: 43 Resp: 447469

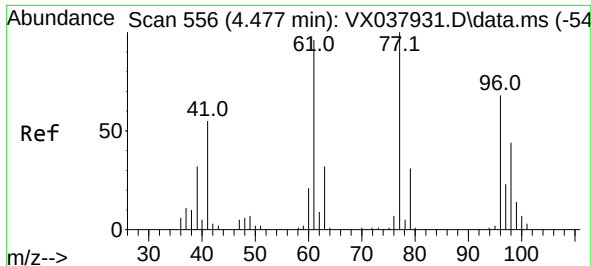
Ion Ratio Lower Upper

43 100

57 8.7 6.4 9.6

72 29.1 21.6 32.4





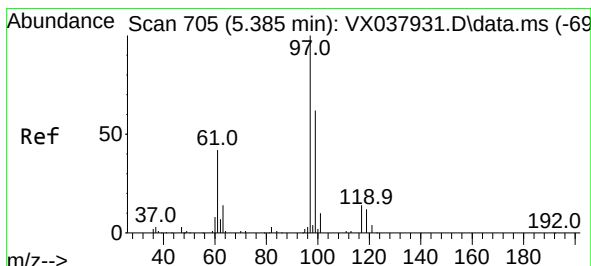
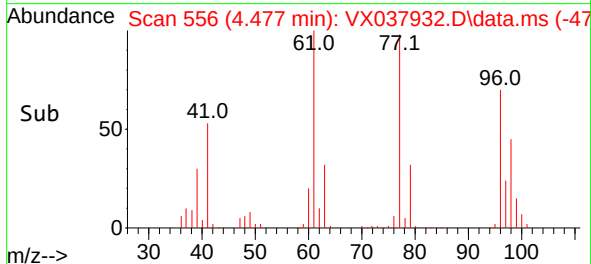
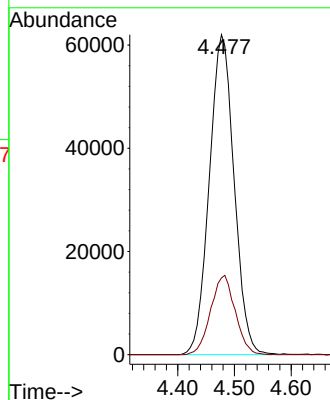
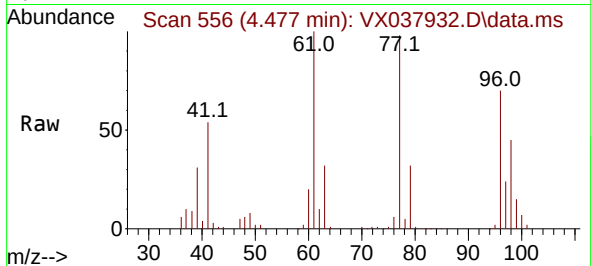
#31
2,2-Dichloropropane
Concen: 49.506 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 77 Resp: 188419
Ion Ratio Lower Upper
77 100
97 24.5 18.6 27.8

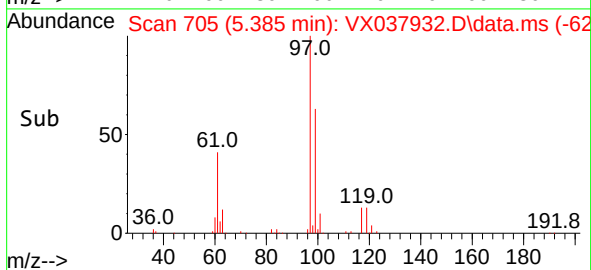
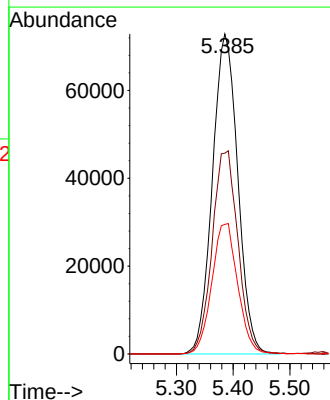
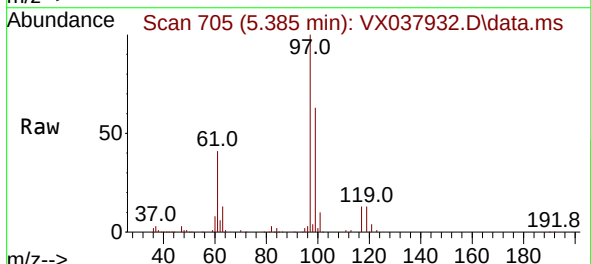
Manual Integrations
APPROVED

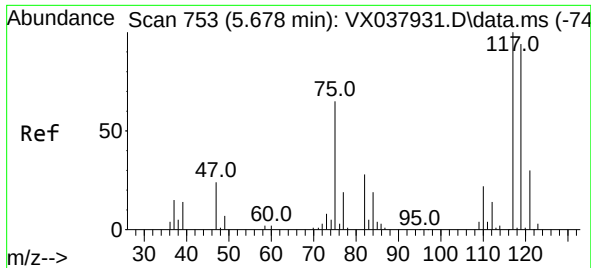
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#32
1,1,1-Trichloroethane
Concen: 50.023 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

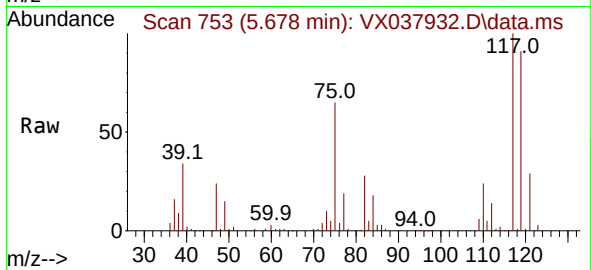
Tgt Ion: 97 Resp: 226449
Ion Ratio Lower Upper
97 100
99 64.5 51.5 77.3
61 41.5 35.8 53.8





#33
Carbon Tetrachloride
Concen: 50.777 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

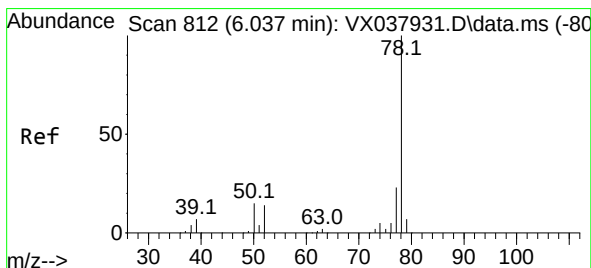
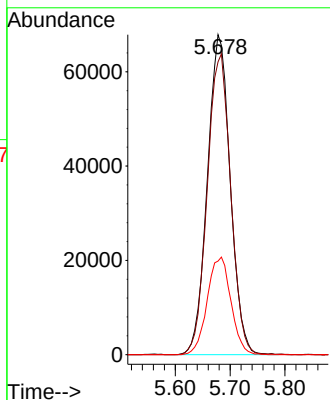
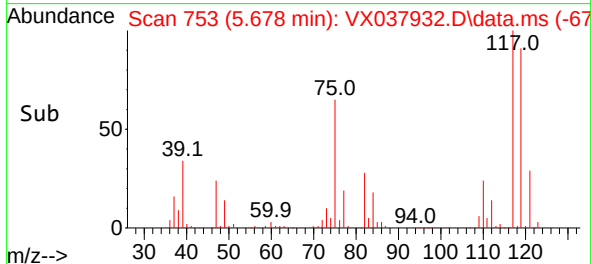
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:117 Resp: 196770
Ion Ratio Lower Upper
117 100
119 91.4 76.6 115.0
121 29.3 26.5 39.7

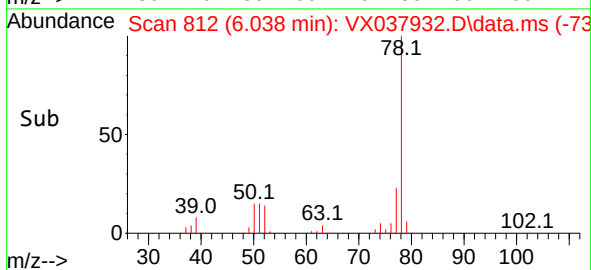
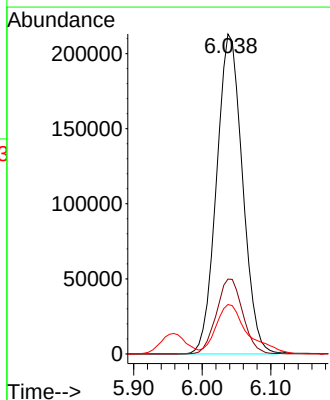
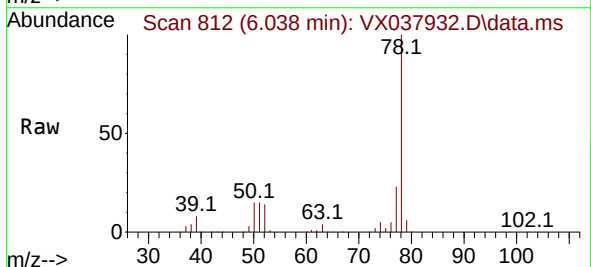
Manual Integrations
APPROVED

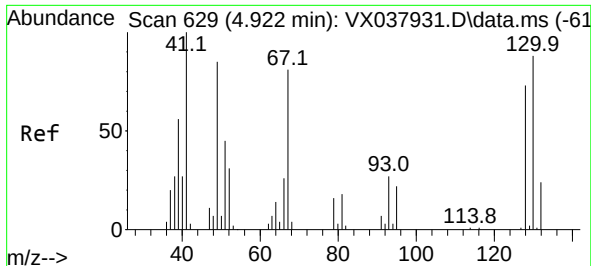
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#34
Benzene
Concen: 49.604 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

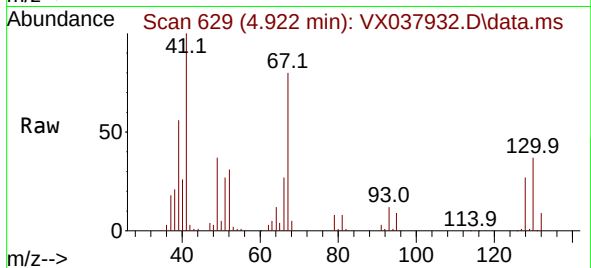
Tgt Ion: 78 Resp: 559814
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1
51 14.1 14.2 21.4#





#35
Methacrylonitrile
Concen: 50.249 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

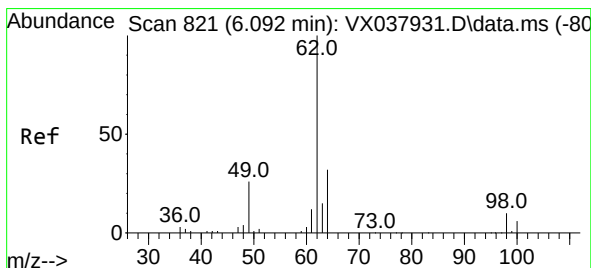
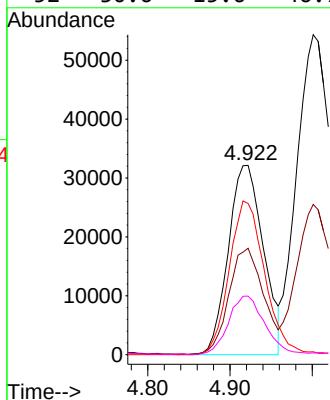
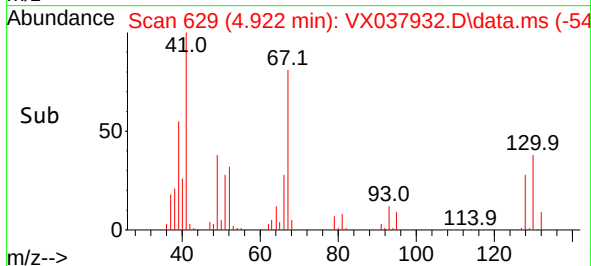
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 41 Resp: 9578
Ion Ratio Lower Upper
41 100
39 55.9 28.2 84.7
67 79.8 35.0 105.1
52 30.6 15.6 46.7

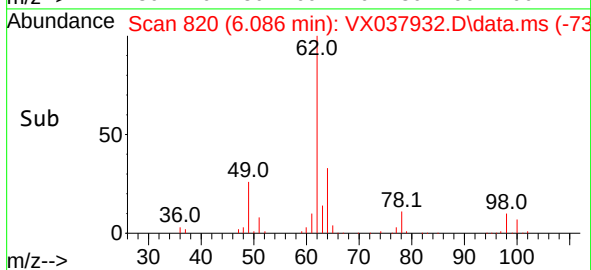
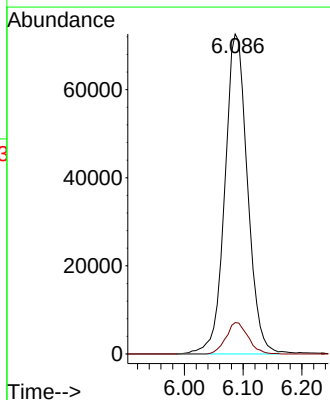
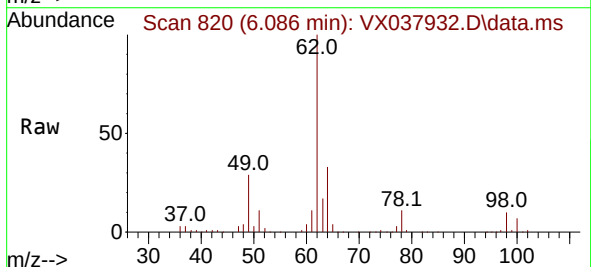
Manual Integrations
APPROVED

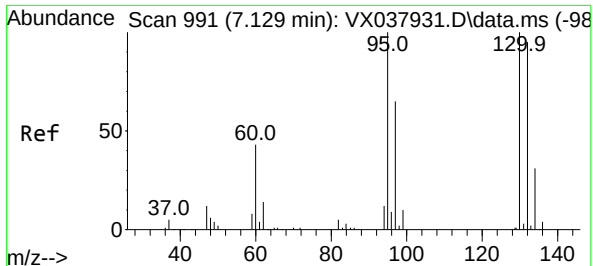
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#36
1,2-Dichloroethane
Concen: 48.702 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Tgt Ion: 62 Resp: 194432
Ion Ratio Lower Upper
62 100
98 9.6 7.0 10.6





#37

Trichloroethene

Concen: 49.732 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX037932.D

Acq: 27 Sep 2023 19:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:130 Resp: 15483

Ion Ratio Lower Upper

130 100

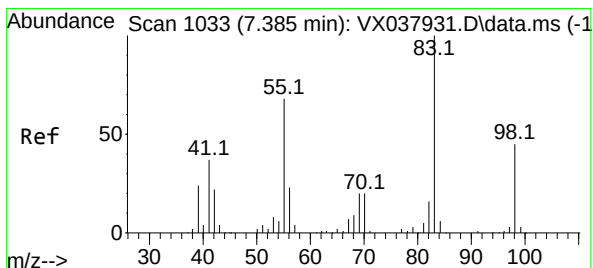
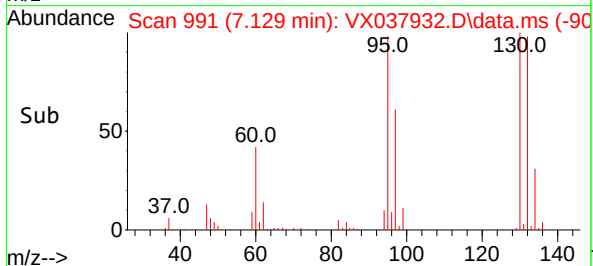
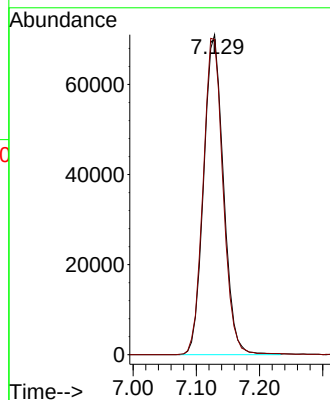
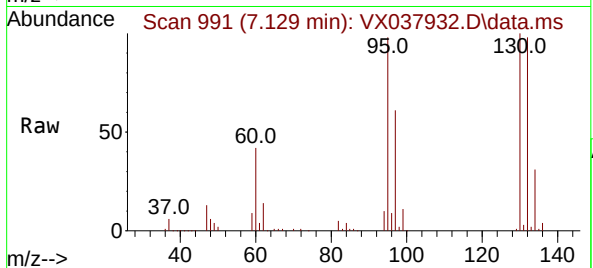
95 98.3 83.2 124.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#38

Methylcyclohexane

Concen: 50.155 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX037932.D

Acq: 27 Sep 2023 19:13

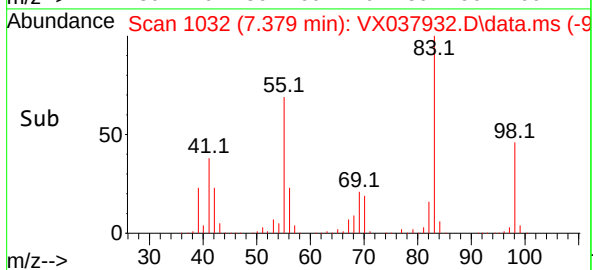
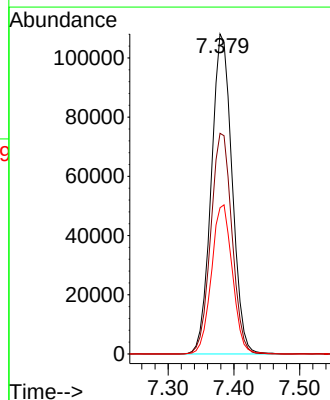
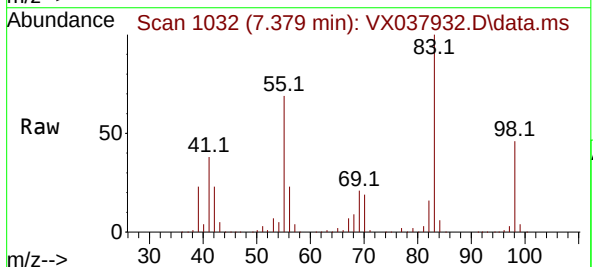
Tgt Ion: 83 Resp: 238164

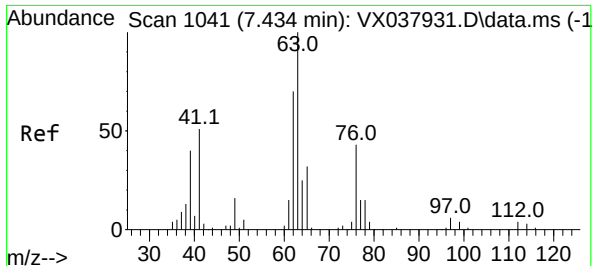
Ion Ratio Lower Upper

83 100

55 70.1 38.1 114.5

98 46.8 24.4 73.4





#39

1,2-Dichloropropane

Concen: 49.556 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX037932.D

Acq: 27 Sep 2023 19:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 143080

Ion Ratio Lower Upper

63 100

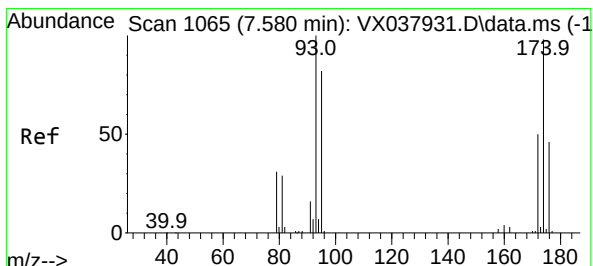
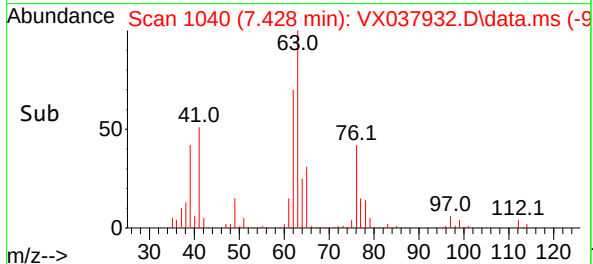
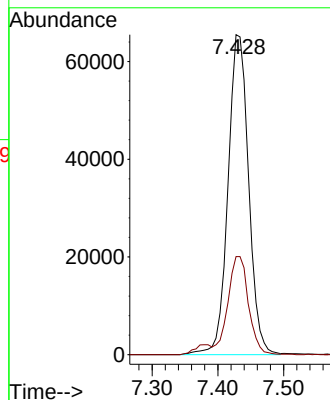
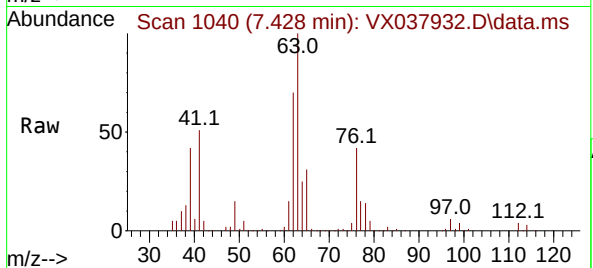
65 30.7 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#40

Dibromomethane

Concen: 50.050 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX037932.D

Acq: 27 Sep 2023 19:13

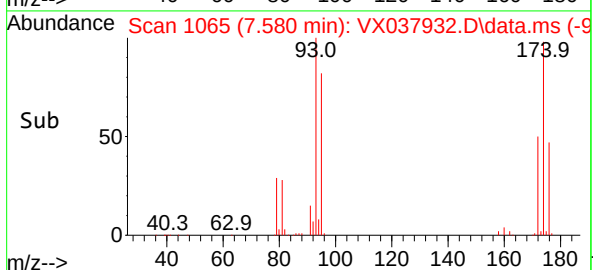
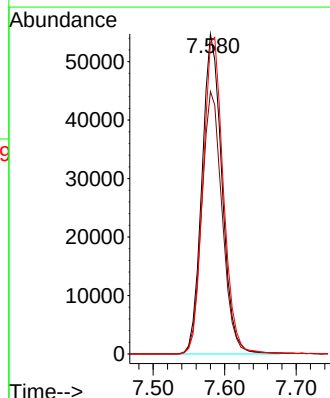
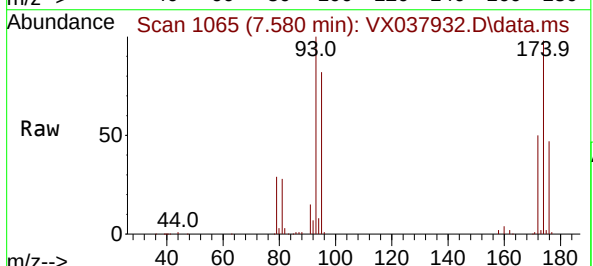
Tgt Ion: 93 Resp: 106631

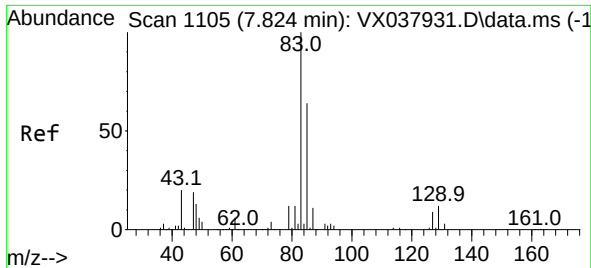
Ion Ratio Lower Upper

93 100

95 83.4 0.0 166.8

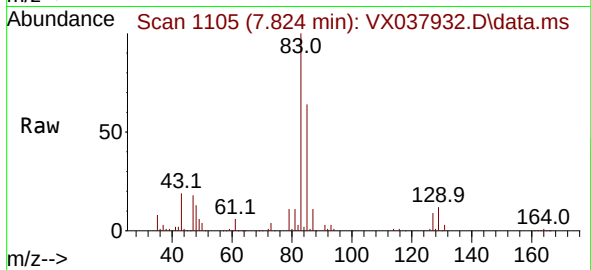
174 100.2 0.0 191.6





#41
Bromodichloromethane
Concen: 50.965 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

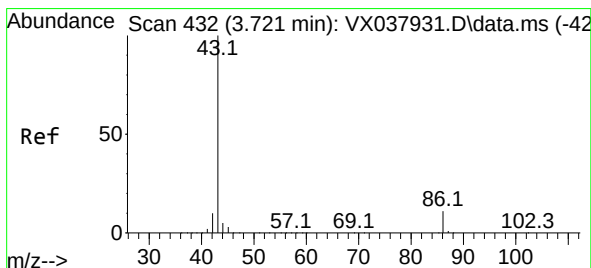
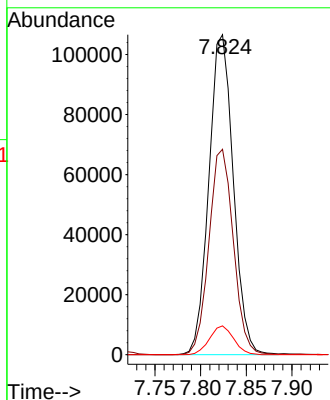
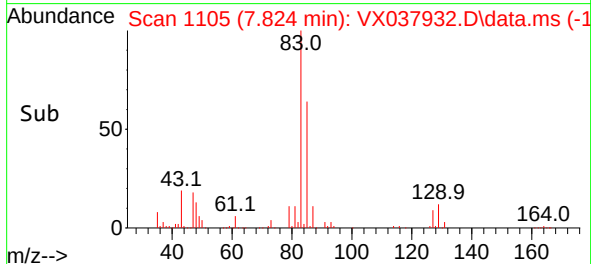
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 83 Resp: 198237
Ion Ratio Lower Upper
83 100
85 64.1 51.5 77.3
127 9.0 6.4 9.6

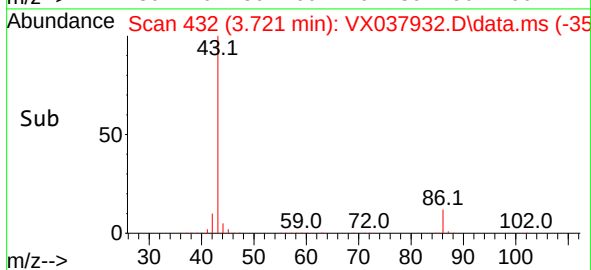
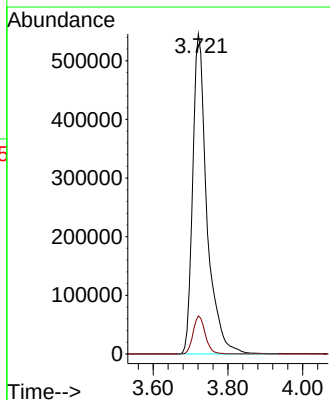
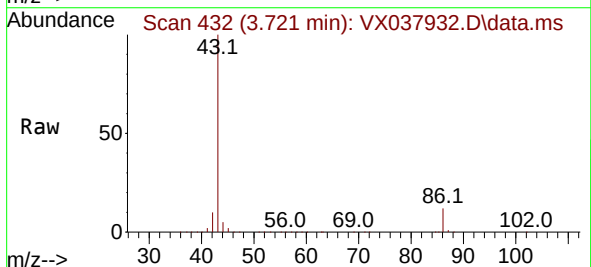
Manual Integrations
APPROVED

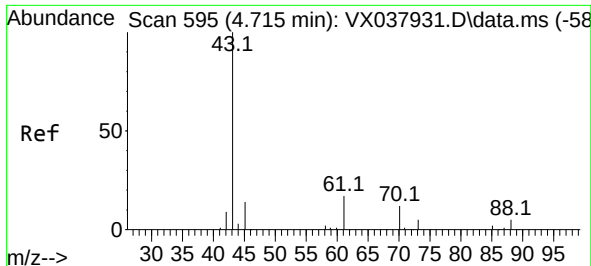
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#42
Vinyl Acetate
Concen: 252.138 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

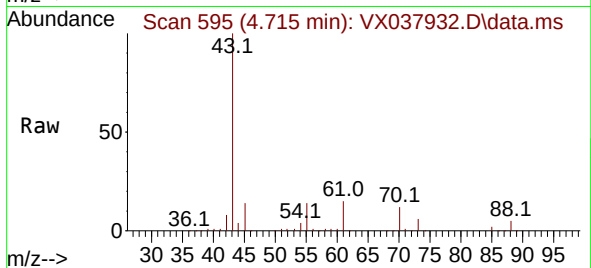
Tgt Ion: 43 Resp: 1441081
Ion Ratio Lower Upper
43 100
86 10.2 7.4 11.0





#43
Ethyl Acetate
Concen: 49.467 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

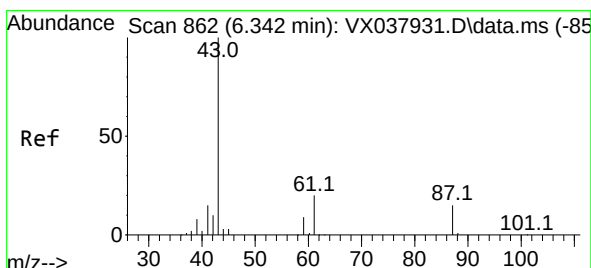
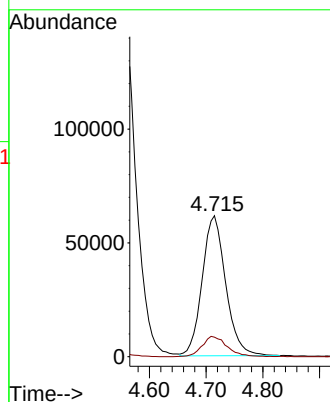
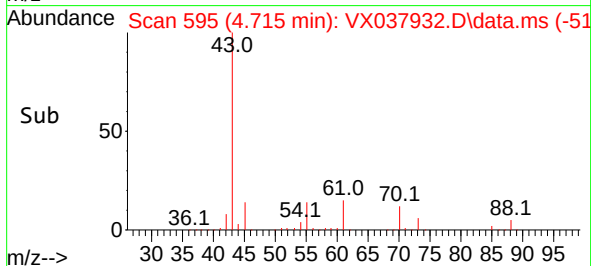
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 17730
Ion Ratio Lower Upper
43 100
45 15.4 12.6 18.8

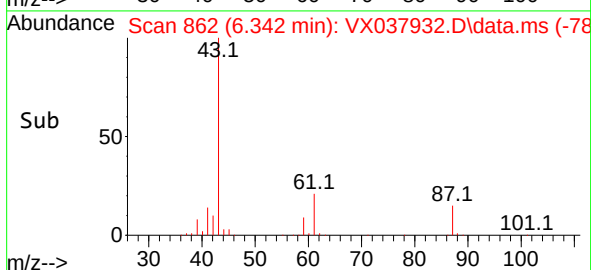
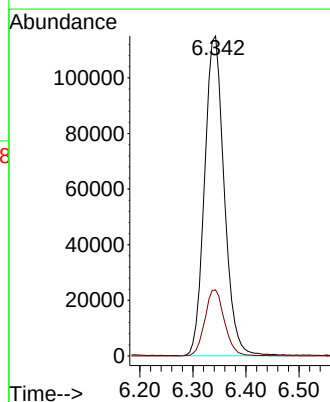
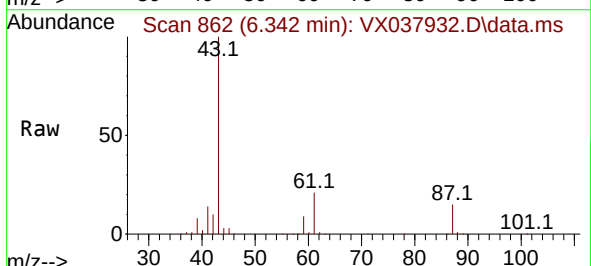
Manual Integrations
APPROVED

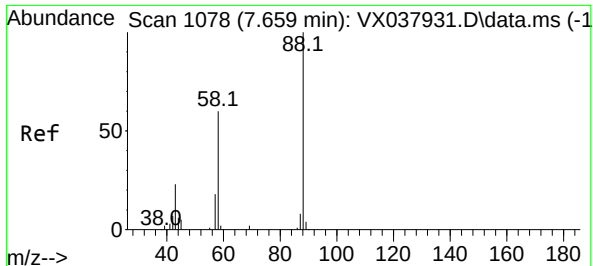
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#44
Isopropyl Acetate
Concen: 49.946 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

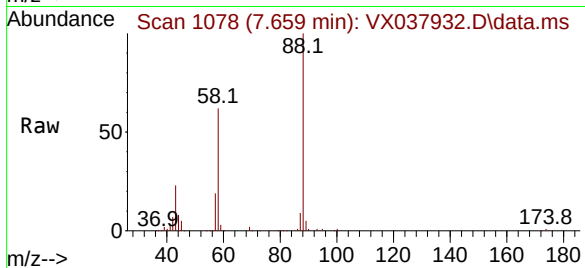
Tgt Ion: 43 Resp: 296163
Ion Ratio Lower Upper
43 100
61 20.7 15.4 23.0





#45
1,4-Dioxane
Concen: 991.438 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

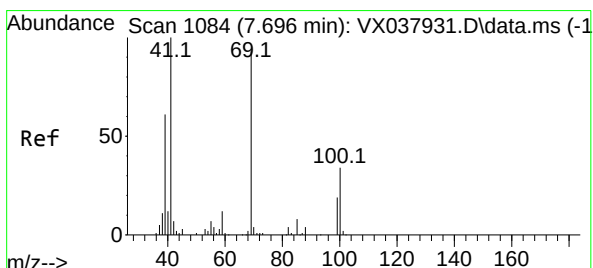
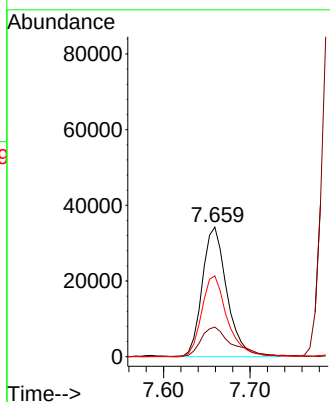
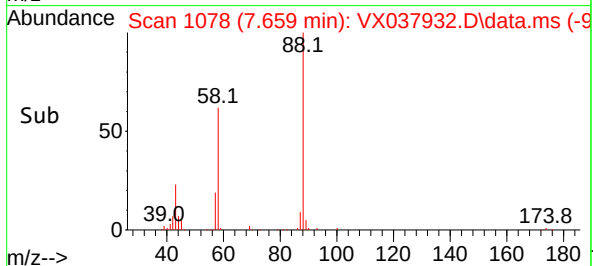
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 88 Resp: 6774
Ion Ratio Lower Upper
88 100
43 28.1 297.5 446.3
58 64.1 1.0 1.4

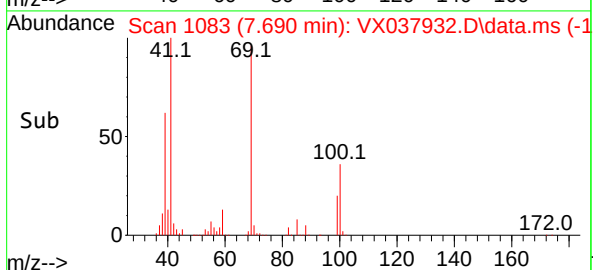
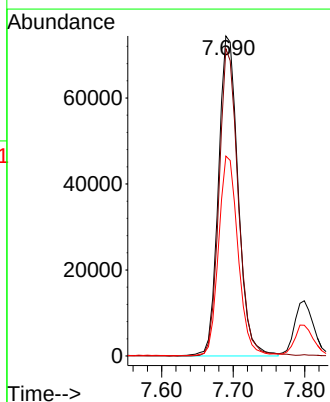
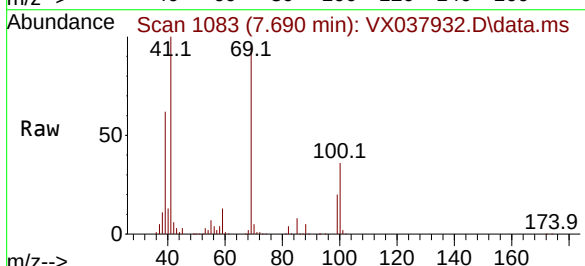
Manual Integrations
APPROVED

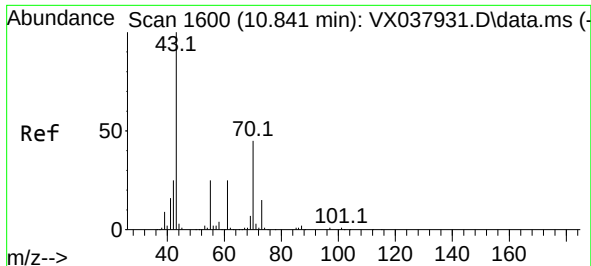
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#46
Methyl methacrylate
Concen: 50.483 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Tgt Ion: 41 Resp: 142296
Ion Ratio Lower Upper
41 100
69 96.0 44.4 133.1
39 62.3 34.9 104.7





#47

n-amy1 Acetate

Concen: 50.254 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX037932.D

Acq: 27 Sep 2023 19:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 43 Resp: 28035

Ion Ratio Lower Upper

43 100

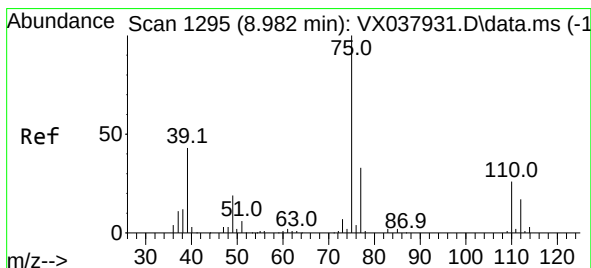
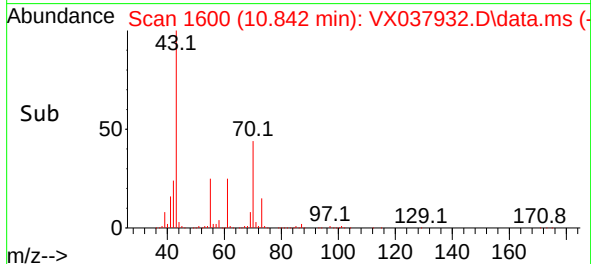
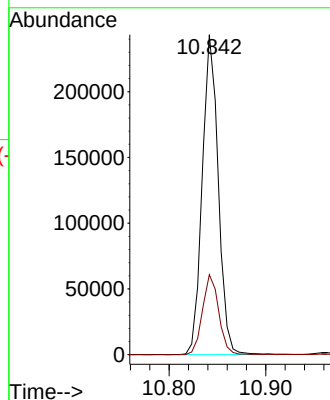
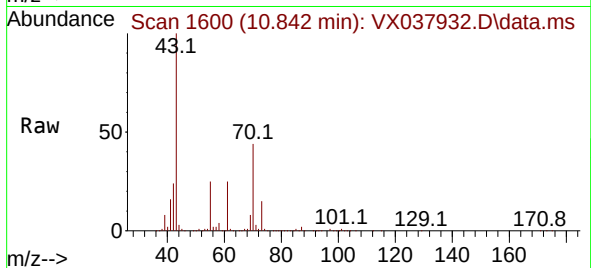
55 25.4 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#48

t-1,3-Dichloropropene

Concen: 50.900 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX037932.D

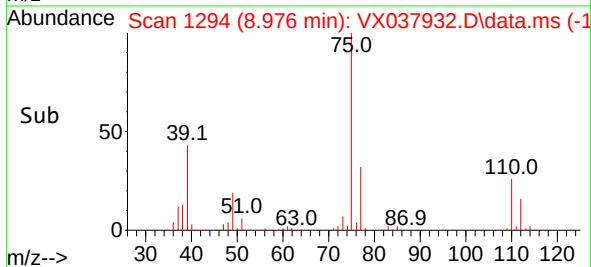
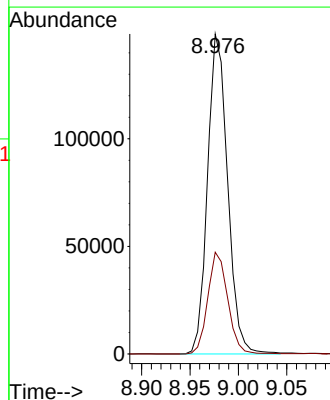
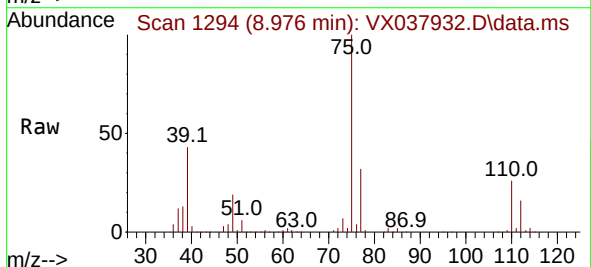
Acq: 27 Sep 2023 19:13

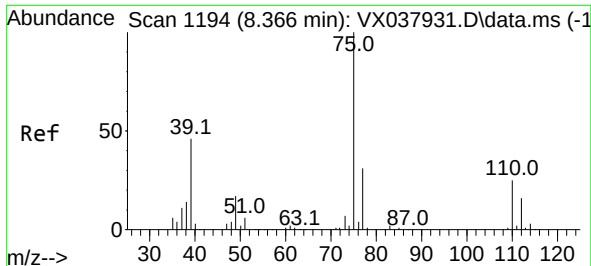
Tgt Ion: 75 Resp: 215076

Ion Ratio Lower Upper

75 100

77 31.8 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 50.975 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX037932.D

Acq: 27 Sep 2023 19:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 75 Resp: 23131

Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.2

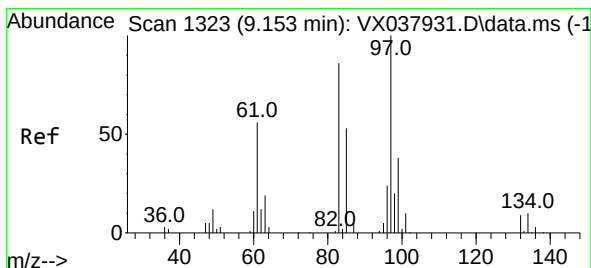
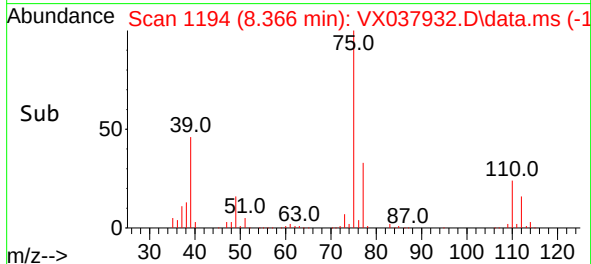
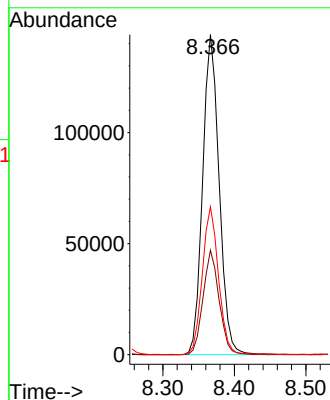
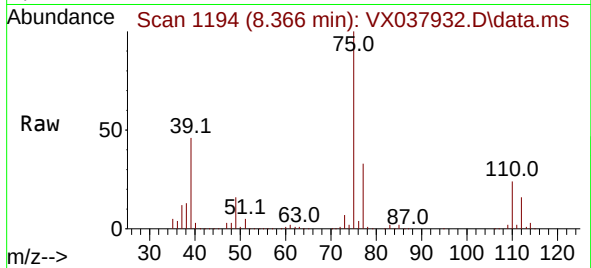
39 46.2 40.2 60.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#50

1,1,2-Trichloroethane

Concen: 50.005 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX037932.D

Acq: 27 Sep 2023 19:13

Tgt Ion: 97 Resp: 152243

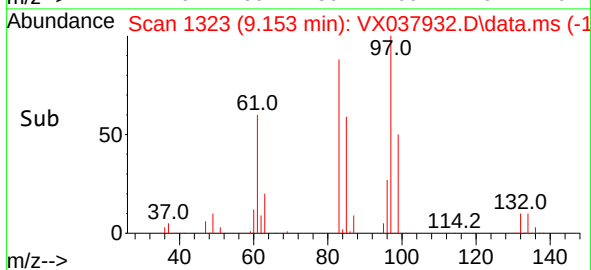
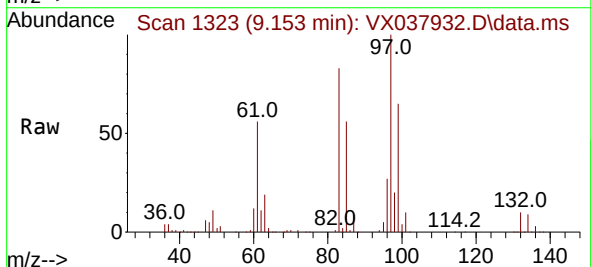
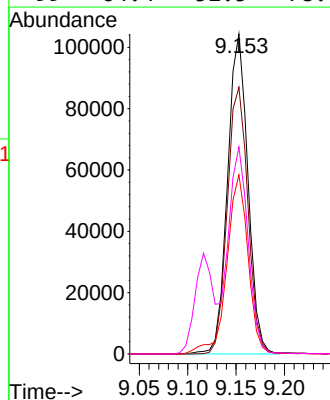
Ion Ratio Lower Upper

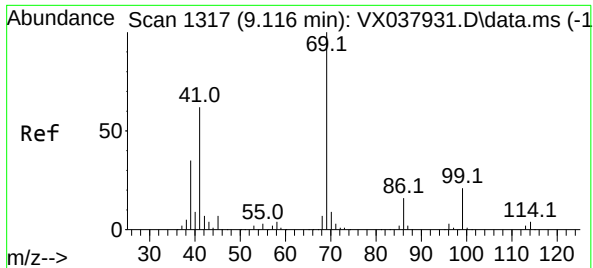
97 100

83 83.4 70.0 105.0

85 55.9 46.1 69.1

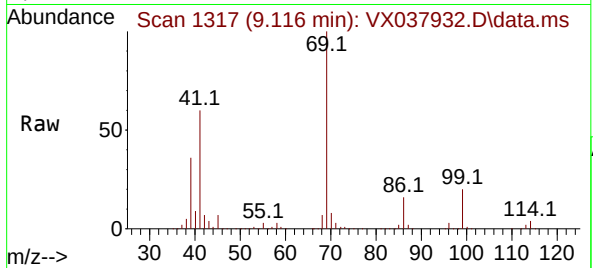
99 64.4 52.5 78.7





#51
Ethyl methacrylate
Concen: 50.586 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

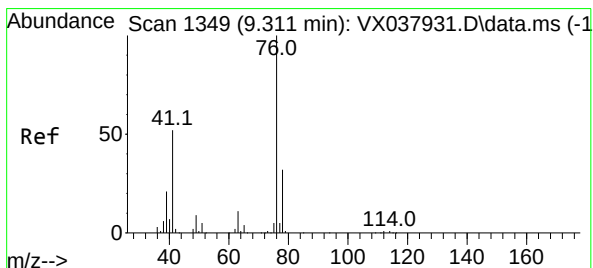
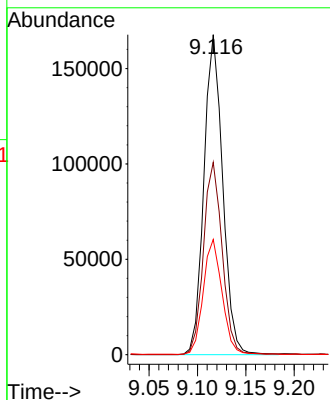
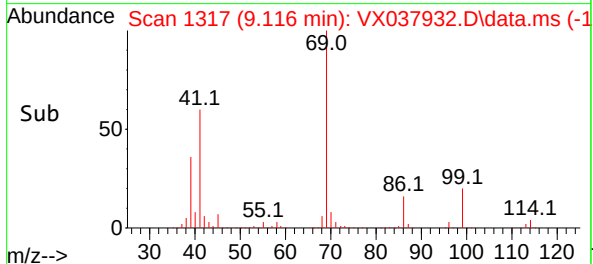
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 69 Resp: 226932
Ion Ratio Lower Upper
69 100
41 60.0 32.0 96.0
39 35.9 19.4 58.4

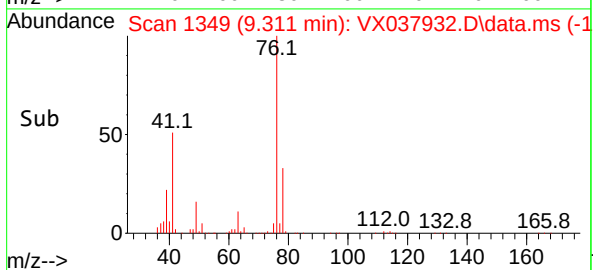
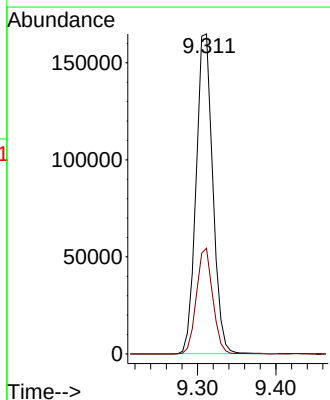
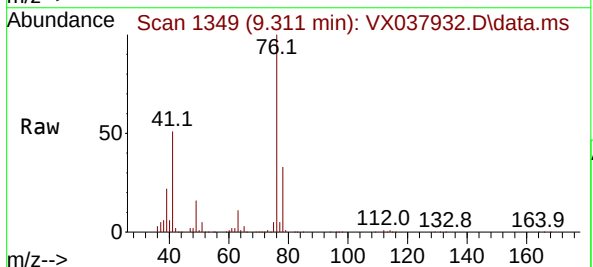
Manual Integrations
APPROVED

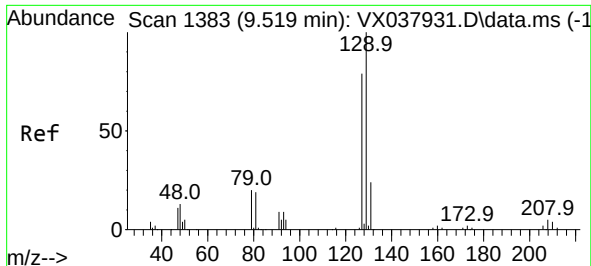
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#52
1,3-Dichloropropane
Concen: 49.862 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

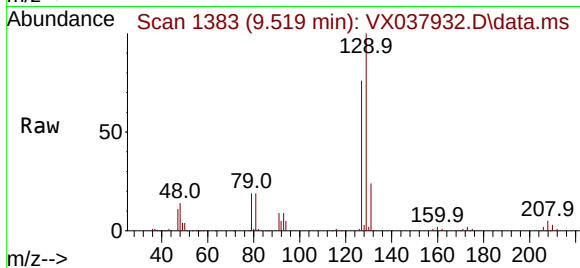
Tgt Ion: 76 Resp: 243517
Ion Ratio Lower Upper
76 100
78 32.4 0.0 63.6





#53
Dibromochloromethane
Concen: 51.452 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

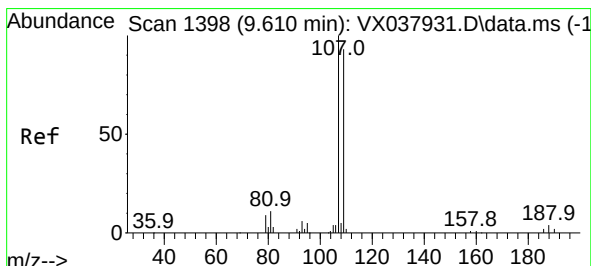
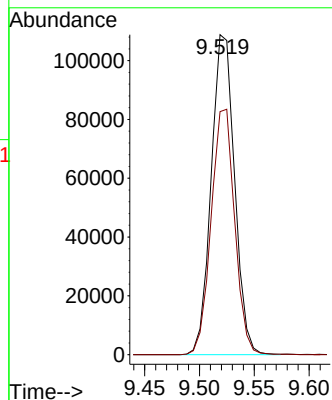
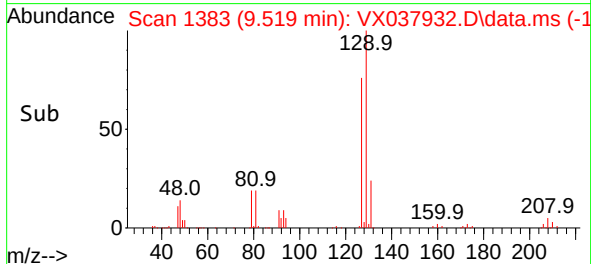
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



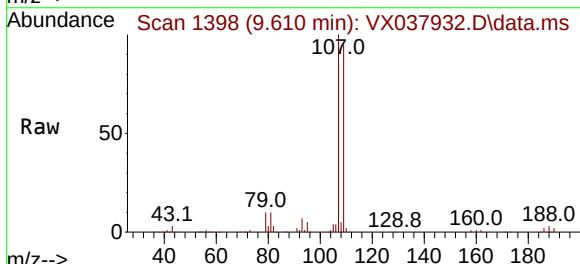
Tgt Ion:129 Resp: 161449
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8

Manual Integrations
APPROVED

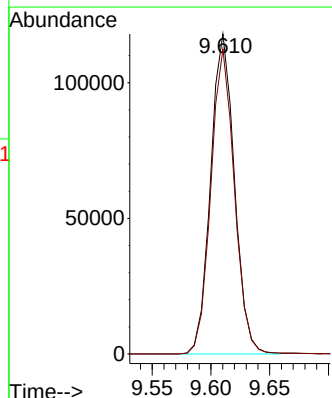
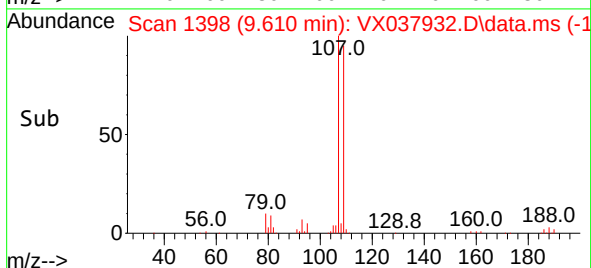
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

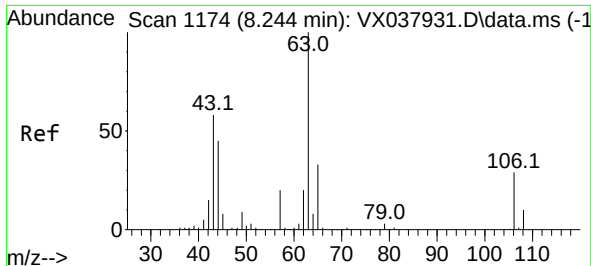


#54
1,2-Dibromoethane
Concen: 50.232 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13



Tgt Ion:107 Resp: 165954
Ion Ratio Lower Upper
107 100
109 94.4 74.7 112.1





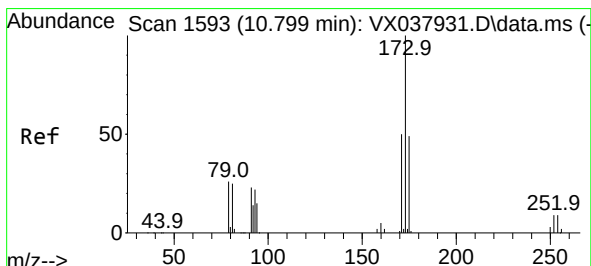
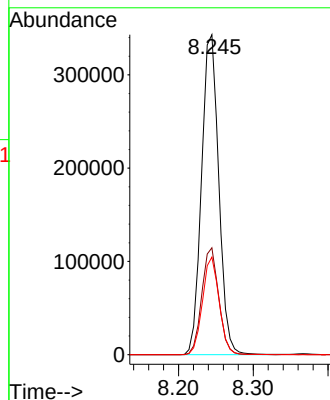
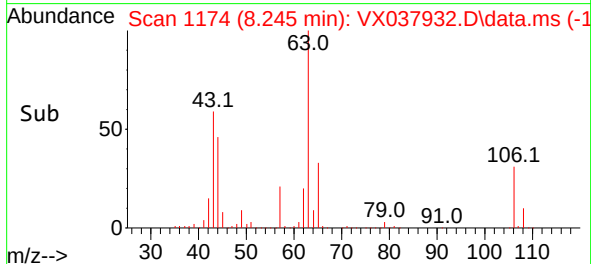
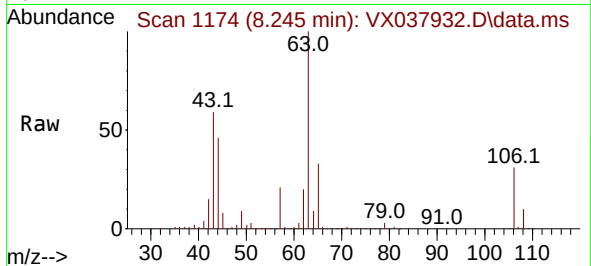
#55
2-Chloroethyl vinyl ether
Concen: 251.140 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 54919
Ion Ratio Lower Upper
63 100
65 32.7 25.9 38.9
106 29.5 21.8 32.8

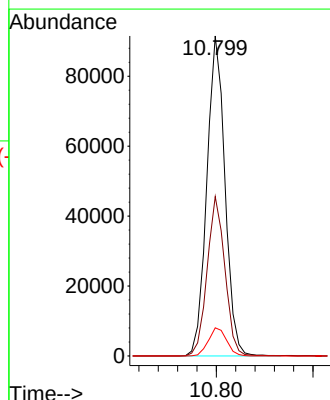
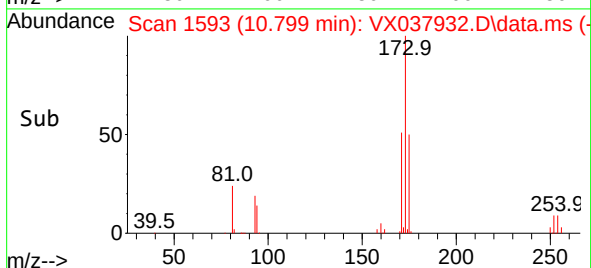
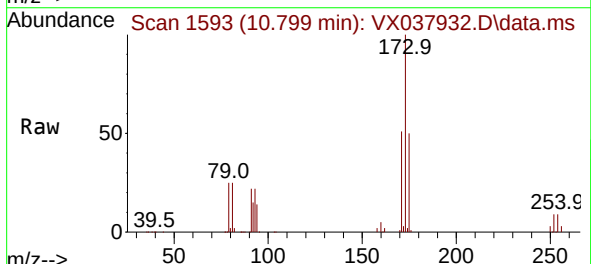
Manual Integrations
APPROVED

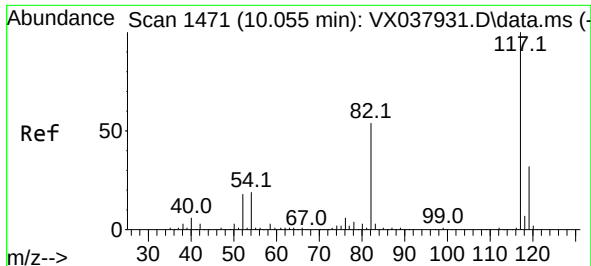
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#56
Bromoform
Concen: 50.658 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

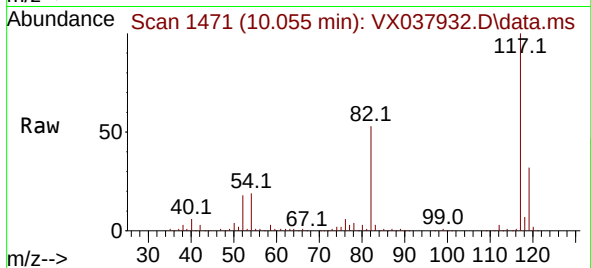
Tgt Ion:173 Resp: 119551
Ion Ratio Lower Upper
173 100
175 48.8 38.1 57.1
254 8.8 6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

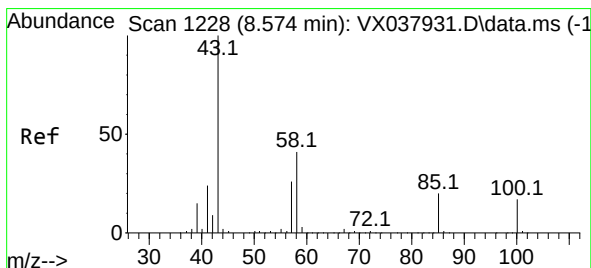
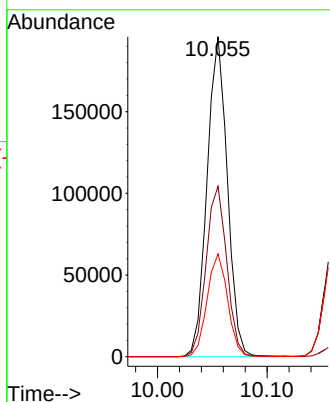
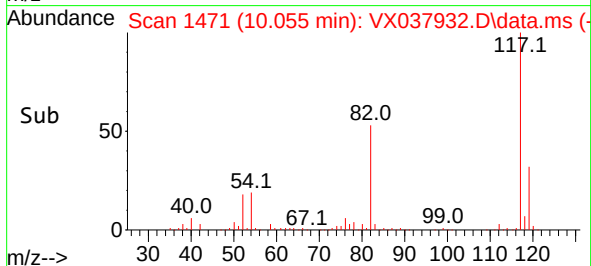
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 117 Resp: 25210
Ion Ratio Lower Upper
117 100
82 54.3 44.7 67.1
119 32.6 25.6 38.4

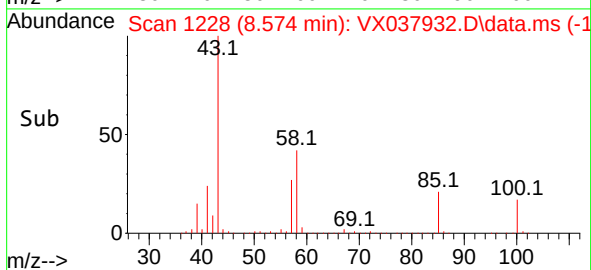
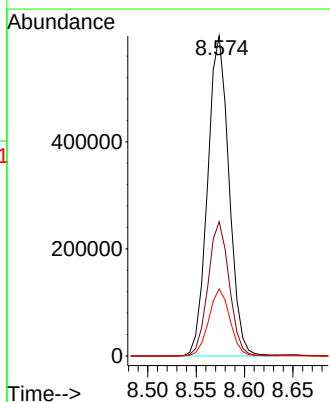
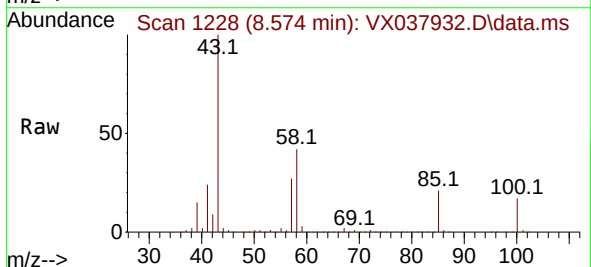
Manual Integrations
APPROVED

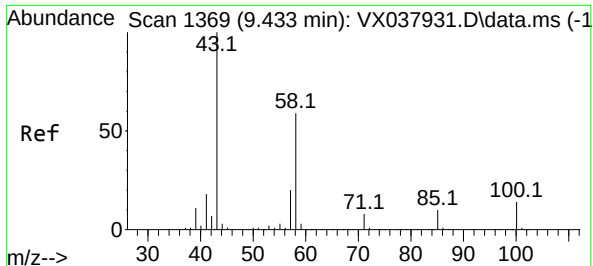
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#58
4-Methyl-2-Pentanone
Concen: 249.733 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

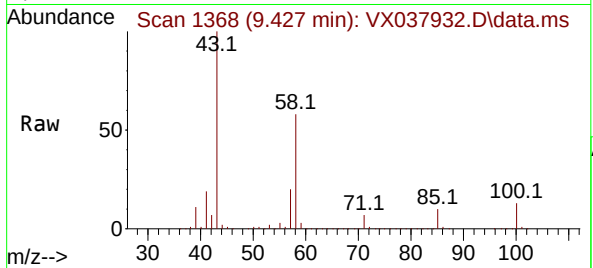
Tgt Ion: 43 Resp: 921632
Ion Ratio Lower Upper
43 100
58 41.4 30.9 46.3
85 20.7 14.4 21.6





#59
2-Hexanone
Concen: 249.901 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

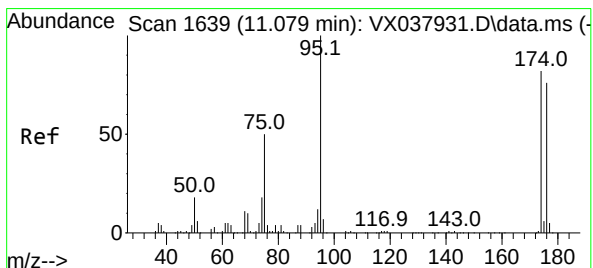
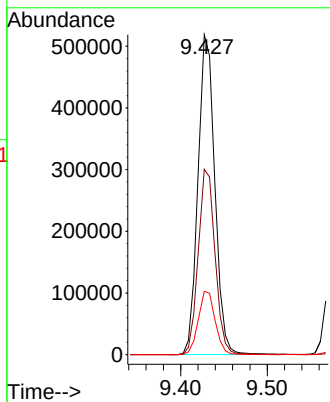
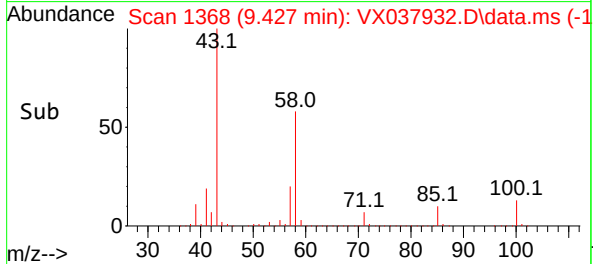
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 43 Resp: 70038
Ion Ratio Lower Upper
43 100
58 58.2 43.4 65.2
57 20.0 15.1 22.7

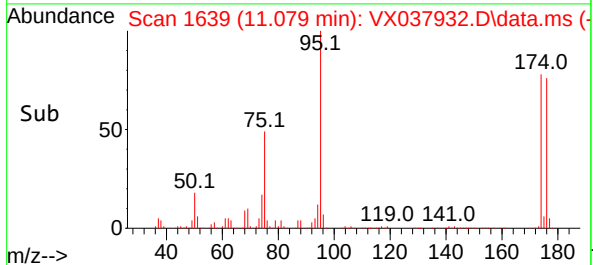
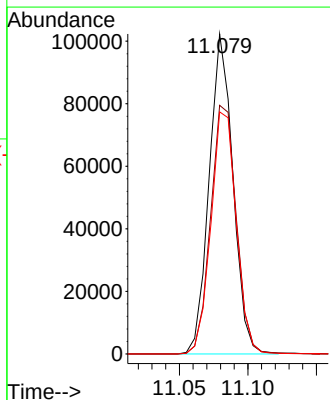
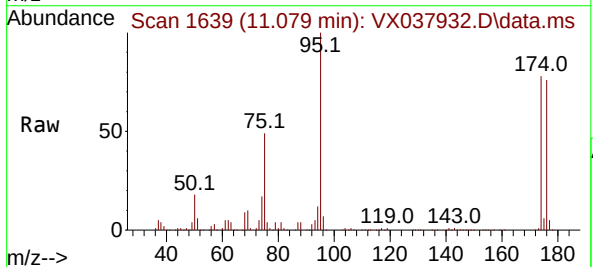
Manual Integrations
APPROVED

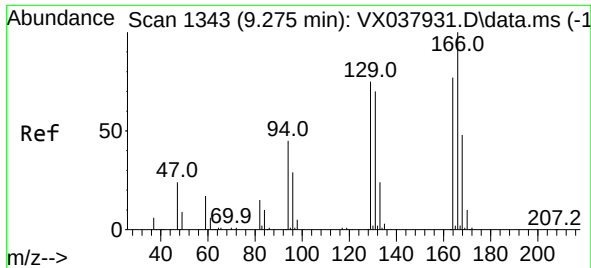
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#60
4-Bromofluorobenzene
Concen: 29.961 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

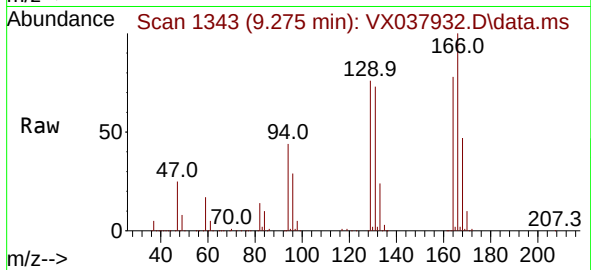
Tgt Ion: 95 Resp: 123131
Ion Ratio Lower Upper
95 100
174 84.1 60.5 90.7
176 81.0 58.2 87.4





#61
Tetrachloroethene
Concen: 50.176 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

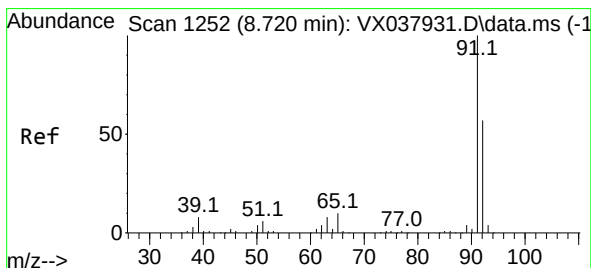
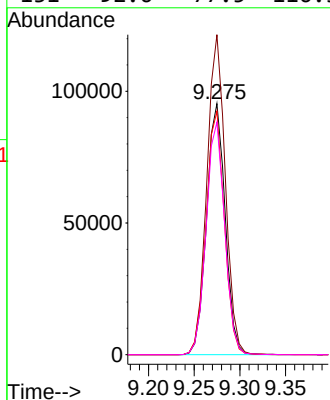
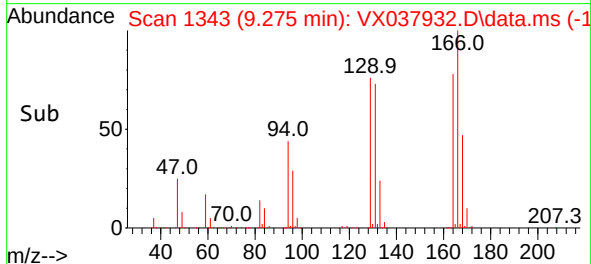
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:164 Resp: 134614
Ion Ratio Lower Upper
164 100
166 127.5 104.5 156.7
129 97.0 78.0 117.0
131 92.6 77.5 116.3

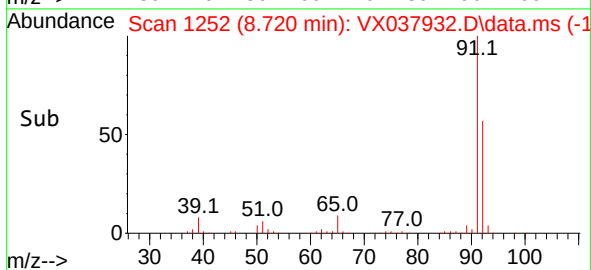
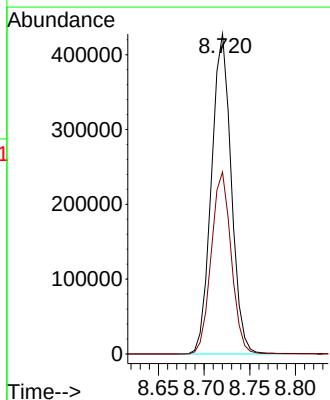
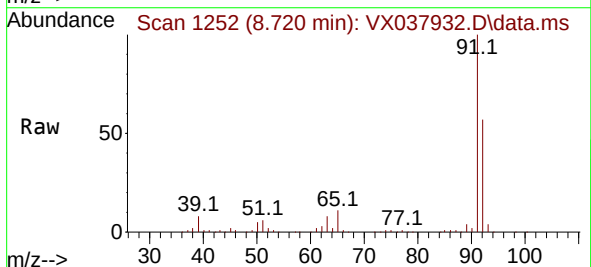
Manual Integrations
APPROVED

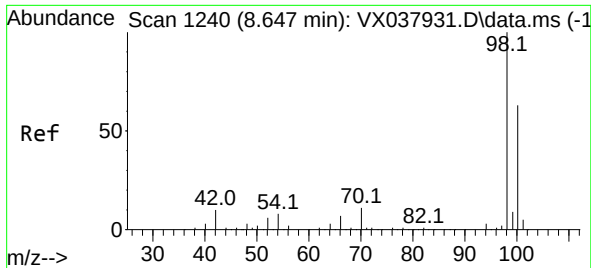
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#62
Toluene
Concen: 49.352 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

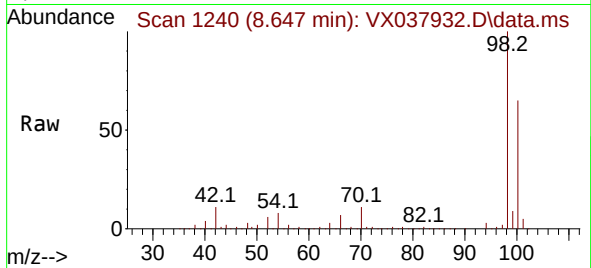
Tgt Ion: 91 Resp: 645390
Ion Ratio Lower Upper
91 100
92 57.2 44.9 67.3





#63
Toluene-d8
Concen: 30.253 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

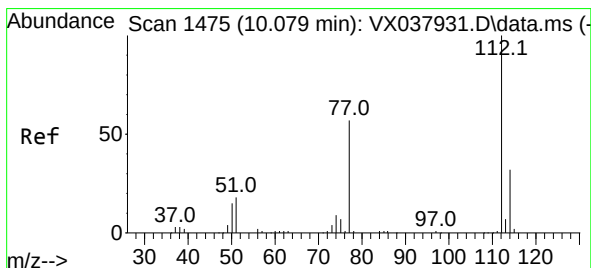
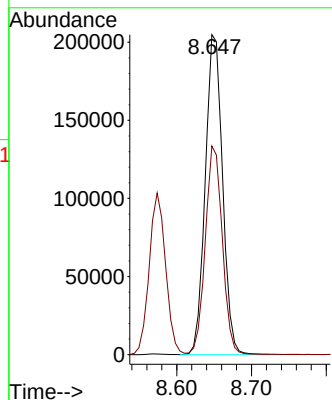
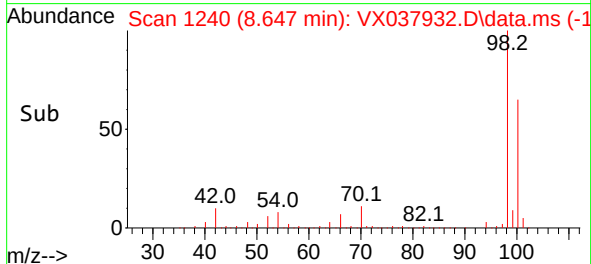
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



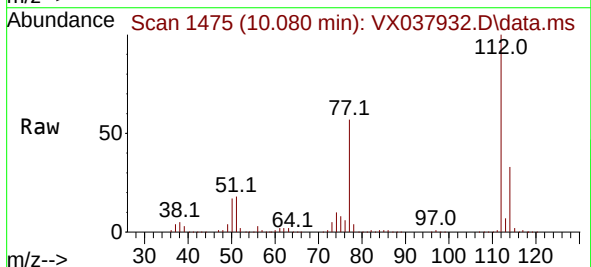
Tgt Ion: 98 Resp: 329235
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4

Manual Integrations
APPROVED

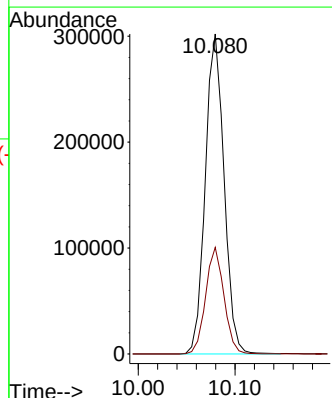
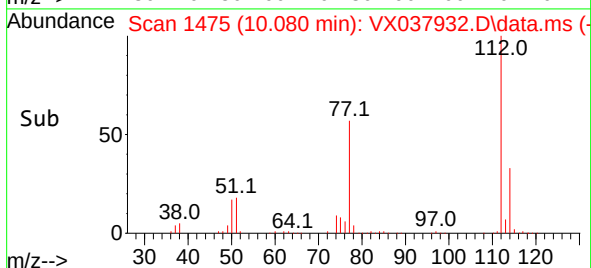
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

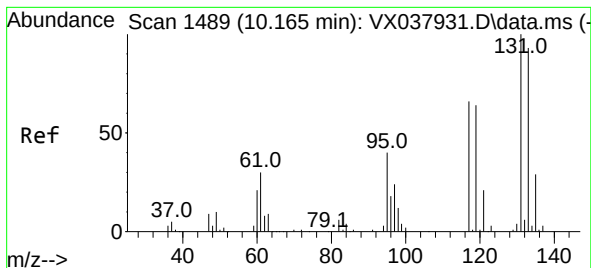


#64
Chlorobenzene
Concen: 50.032 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13



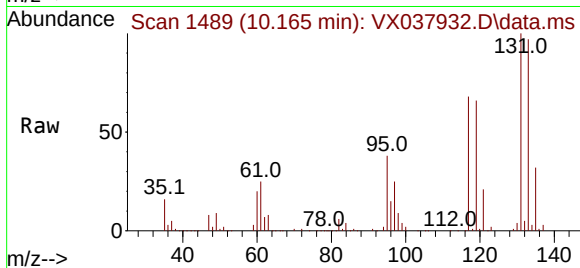
Tgt Ion:112 Resp: 408150
Ion Ratio Lower Upper
112 100
114 33.3 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 50.847 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

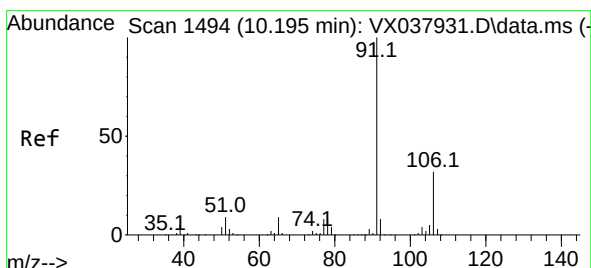
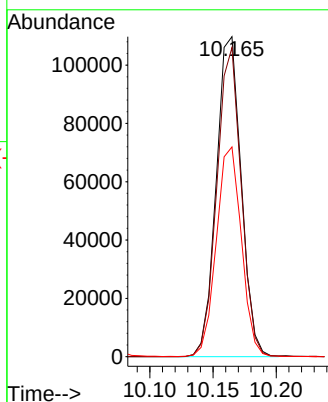
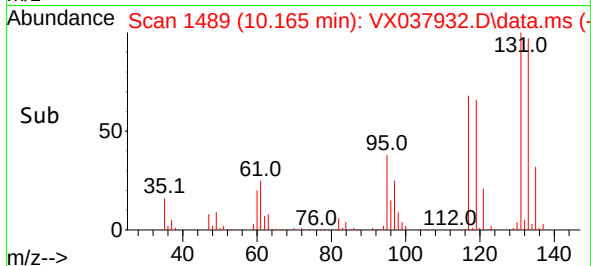
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:131 Resp: 150569
Ion Ratio Lower Upper
131 100
133 94.1 0.0 192.0
119 66.0 0.0 132.8

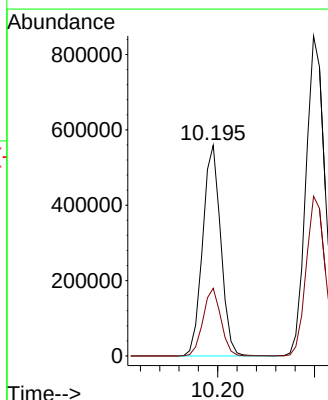
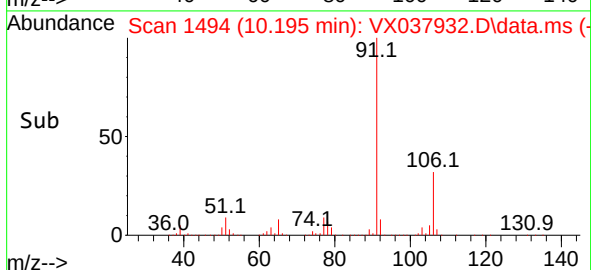
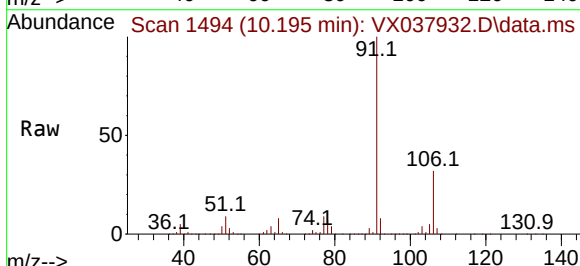
Manual Integrations
APPROVED

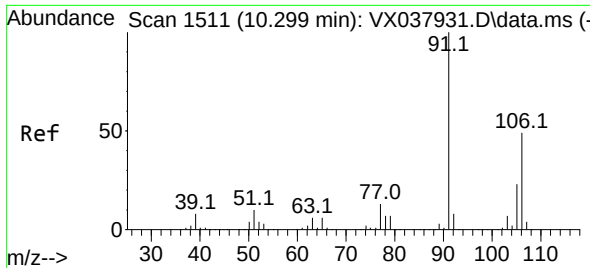
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#66
Ethyl Benzene
Concen: 50.434 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Tgt Ion: 91 Resp: 727901
Ion Ratio Lower Upper
91 100
106 32.1 24.2 36.4





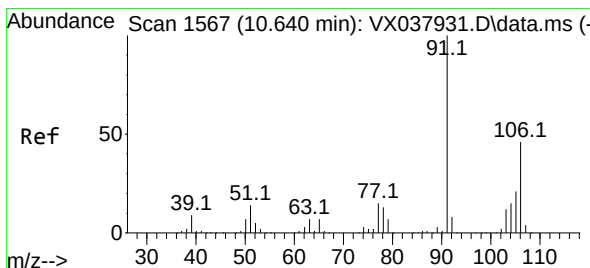
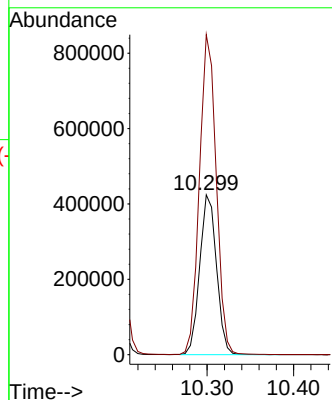
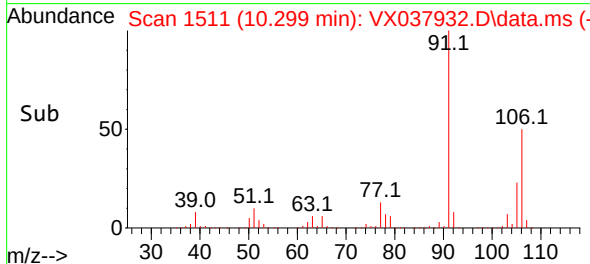
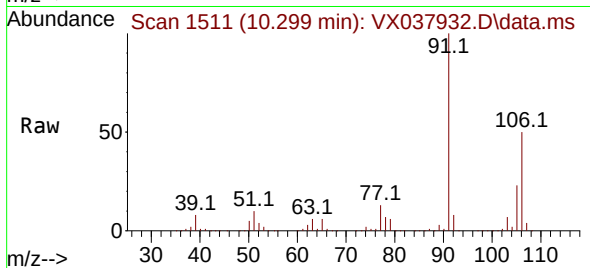
#67
m/p-Xylenes
Concen: 100.350 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion:106 Resp: 57054
Ion Ratio Lower Upper
106 100
91 200.5 160.5 240.7

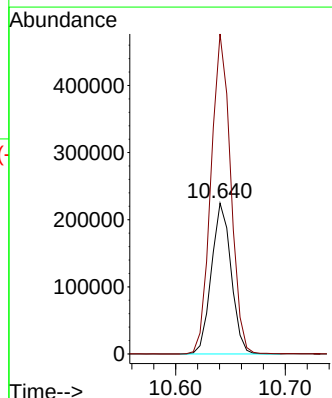
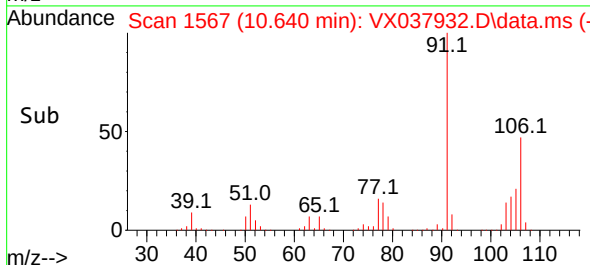
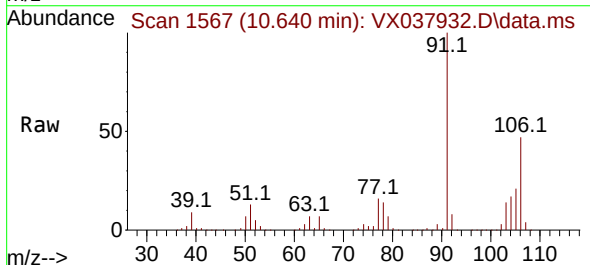
Manual Integrations
APPROVED

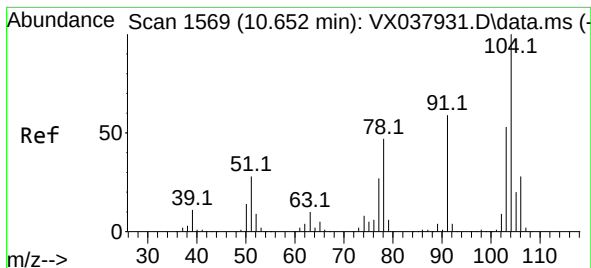
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#68
o-Xylene
Concen: 50.959 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Tgt Ion:106 Resp: 280574
Ion Ratio Lower Upper
106 100
91 212.2 105.4 316.1





#69

Styrene

Concen: 50.940 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX037932.D

Acq: 27 Sep 2023 19:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

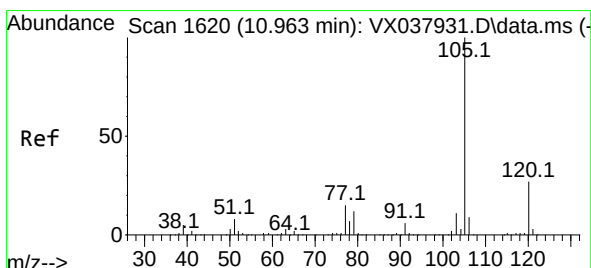
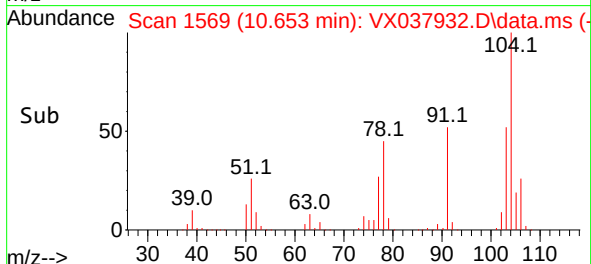
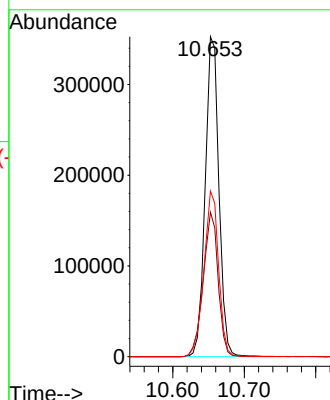
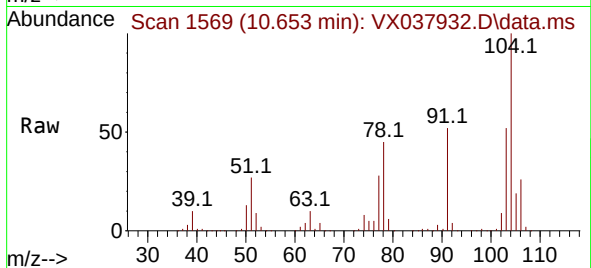
Tgt Ion:104 Resp: 470517
 Ion Ratio Lower Upper
 104 100
 78 48.9 41.0 61.4
 103 55.6 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#70

Isopropylbenzene

Concen: 50.555 ug/l

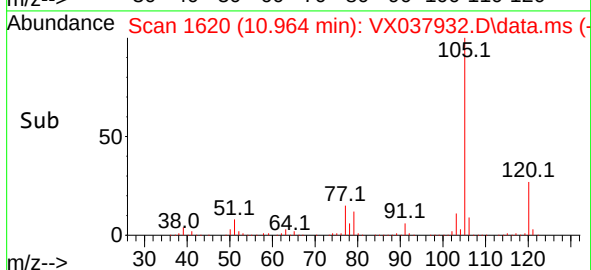
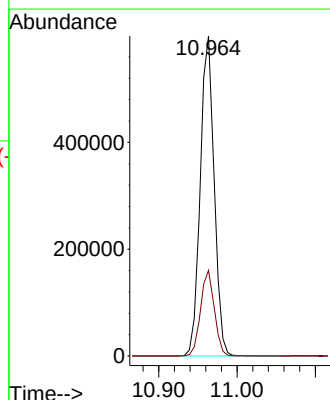
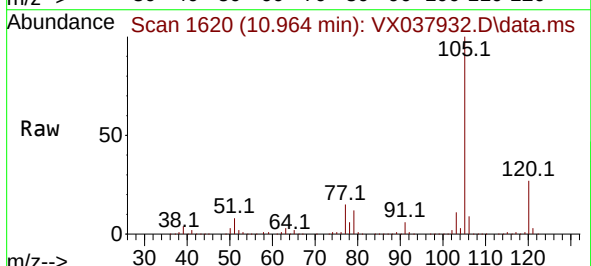
RT: 10.964 min Scan# 1620

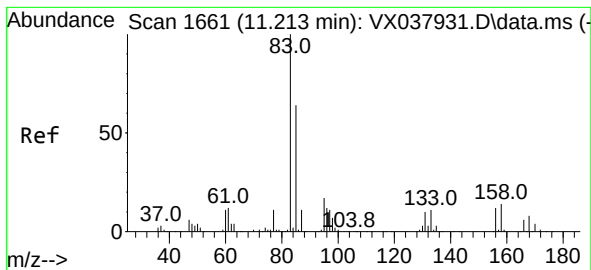
Delta R.T. 0.000 min

Lab File: VX037932.D

Acq: 27 Sep 2023 19:13

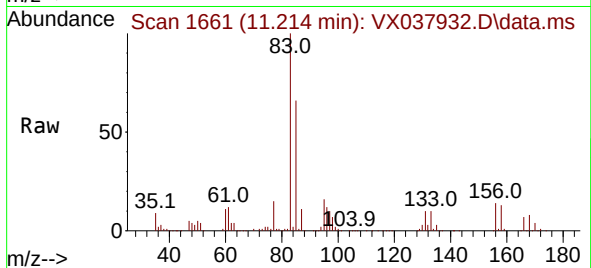
Tgt Ion:105 Resp: 738707
 Ion Ratio Lower Upper
 105 100
 120 26.4 19.5 36.3





#71
1,1,2,2-Tetrachloroethane
Concen: 50.384 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

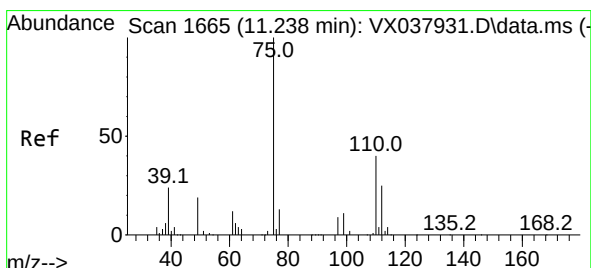
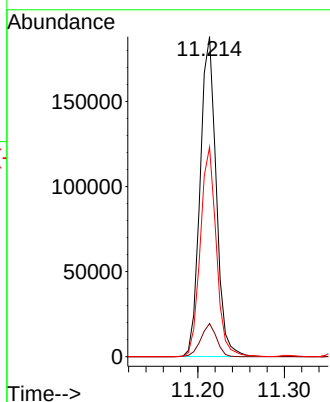
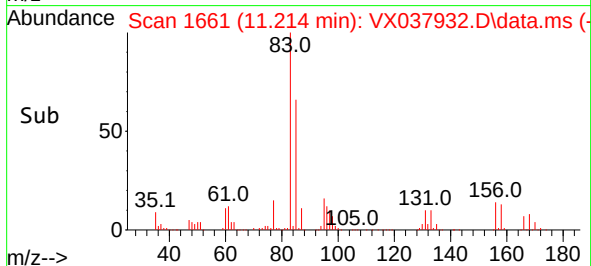
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



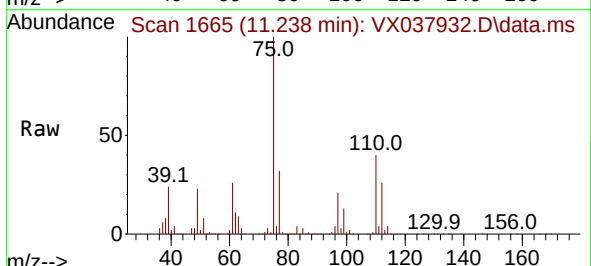
Tgt Ion: 83 Resp: 242639
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.8
85 65.2 32.4 97.0

Manual Integrations
APPROVED

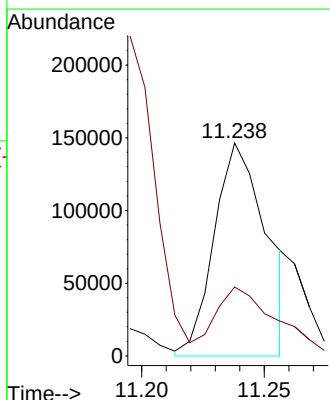
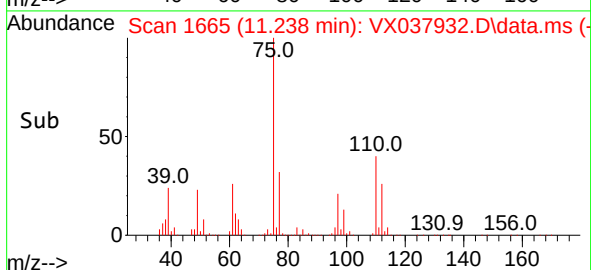
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023

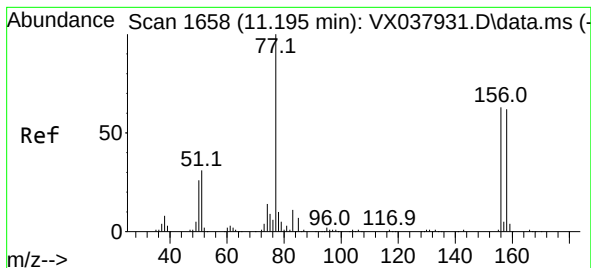


#72
1,2,3-Trichloropropane
Concen: 51.032 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13



Tgt Ion: 75 Resp: 215788
Ion Ratio Lower Upper
75 100
77 38.6 0.0 77.2





#73

Bromobenzene

Concen: 50.162 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX037932.D

Acq: 27 Sep 2023 19:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

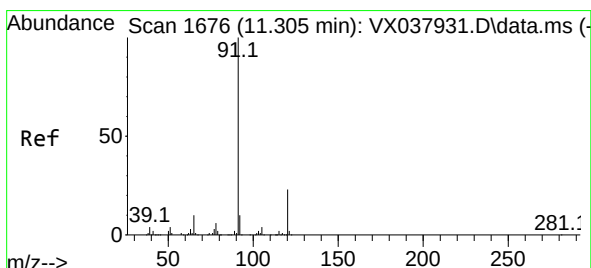
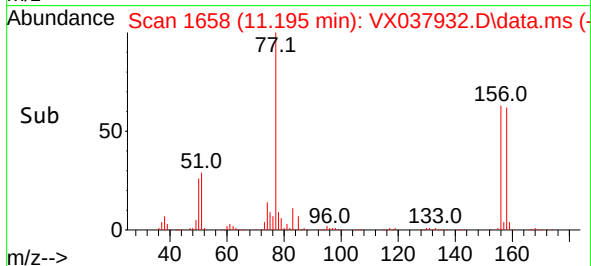
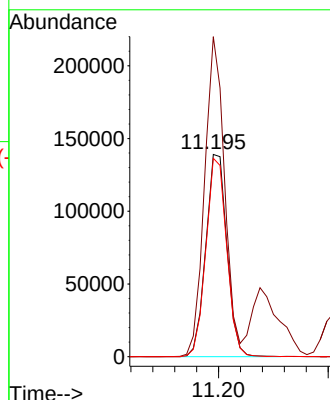
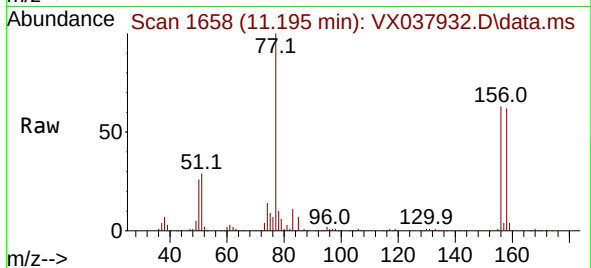
Tgt Ion:	156	Resp:	18591
Ion Ratio	Lower	Upper	
156	100		
77	149.3	0.0	333.0
158	96.7	0.0	196.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#74

n-propylbenzene

Concen: 50.827 ug/l

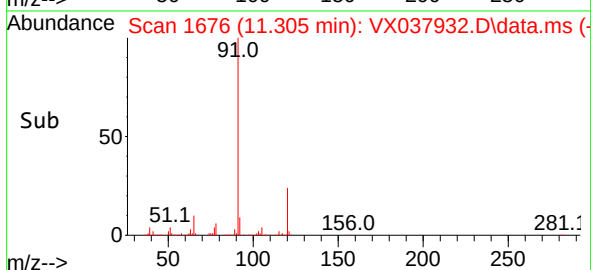
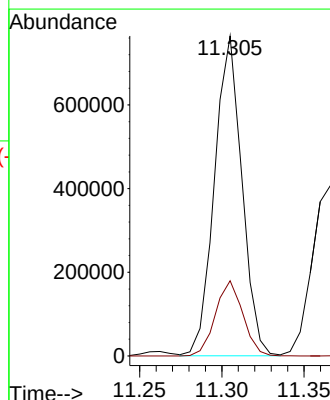
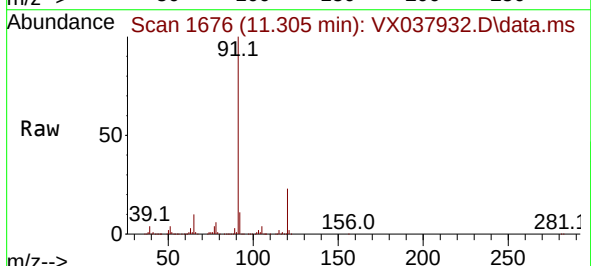
RT: 11.305 min Scan# 1676

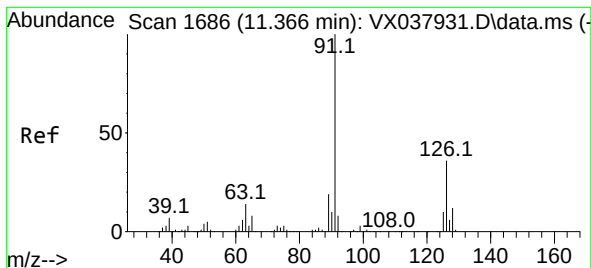
Delta R.T. 0.000 min

Lab File: VX037932.D

Acq: 27 Sep 2023 19:13

Tgt Ion:	91	Resp:	887259
Ion Ratio	Lower	Upper	
91	100		
120	23.4	0.0	46.6





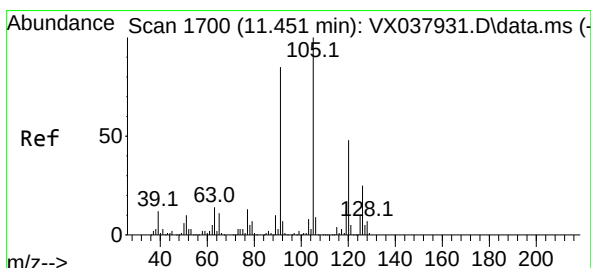
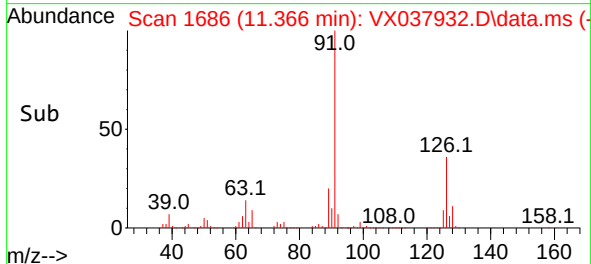
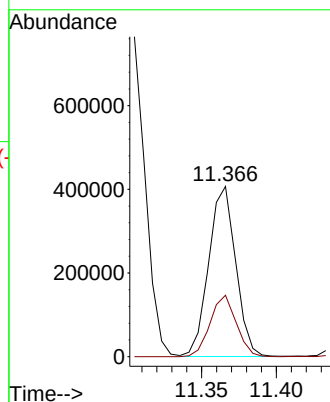
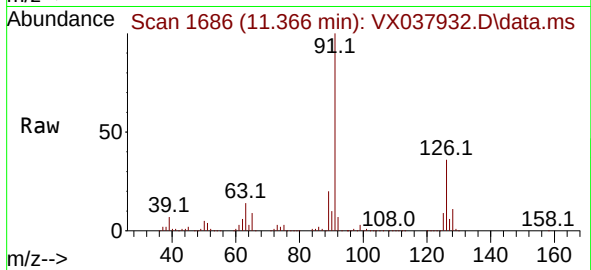
#75
2-Chlorotoluene
Concen: 50.138 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 91 Resp: 51240
Ion Ratio Lower Upper
91 100
126 34.8 0.0 66.2

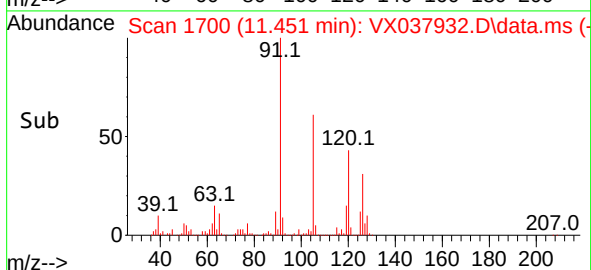
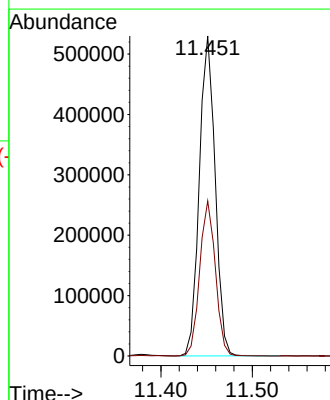
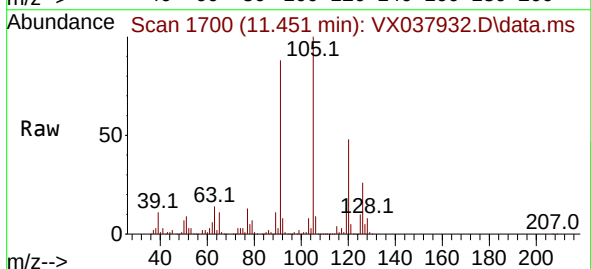
Manual Integrations
APPROVED

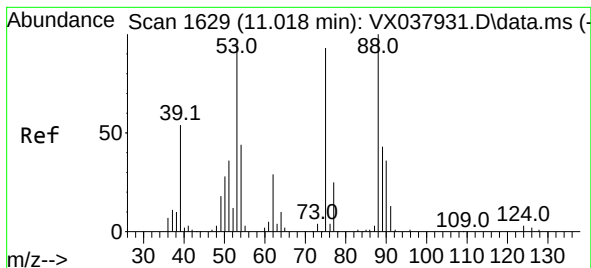
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#76
1,3,5-Trimethylbenzene
Concen: 50.563 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Tgt Ion:105 Resp: 637121
Ion Ratio Lower Upper
105 100
120 47.8 0.0 96.4





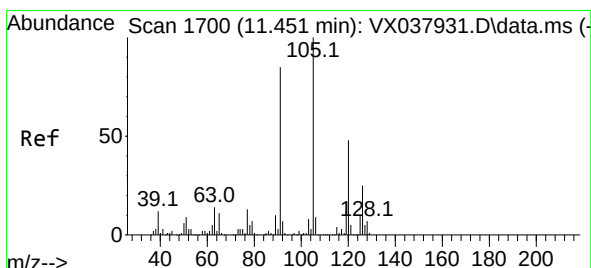
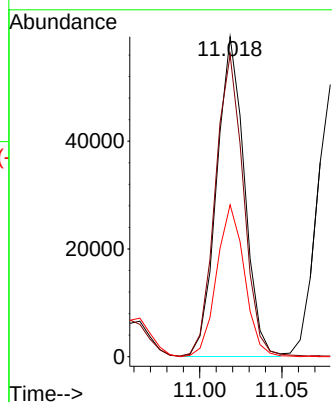
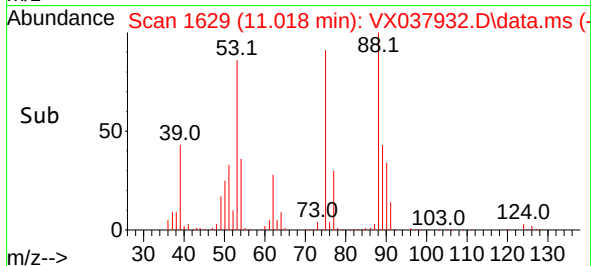
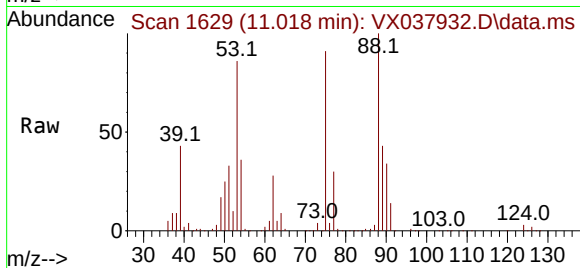
#77
t-1,4-Dichloro-2-butene
Concen: 51.999 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 75 Resp: 6963
Ion Ratio Lower Upper
75 100
53 94.3 53.9 161.7
89 47.5 22.1 66.1

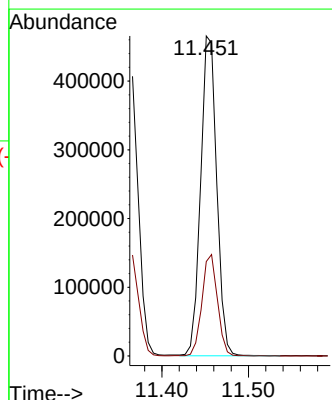
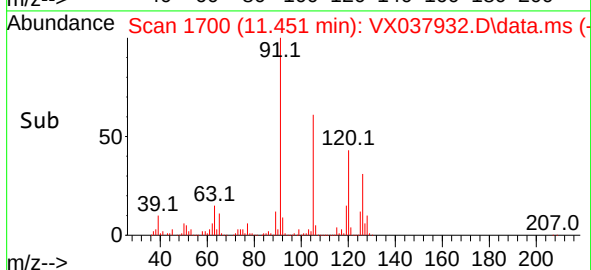
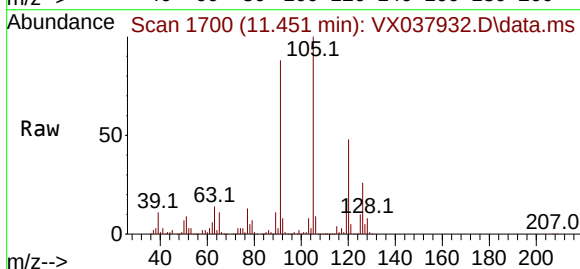
Manual Integrations
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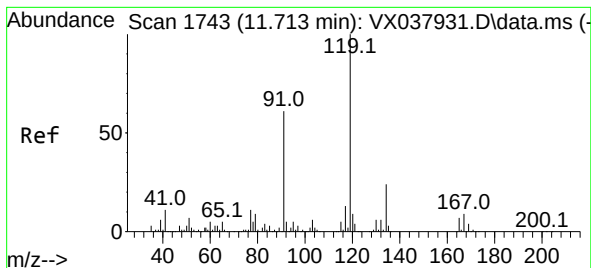
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#78
4-Chlorotoluene
Concen: 50.025 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Tgt Ion: 91 Resp: 599733
Ion Ratio Lower Upper
91 100
126 30.5 0.0 59.4





#79

tert-butylbenzene

Concen: 50.904 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX037932.D

Acq: 27 Sep 2023 19:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion:119 Resp: 631308

Ion Ratio Lower Upper

119 100

91 57.4 0.0 124.4

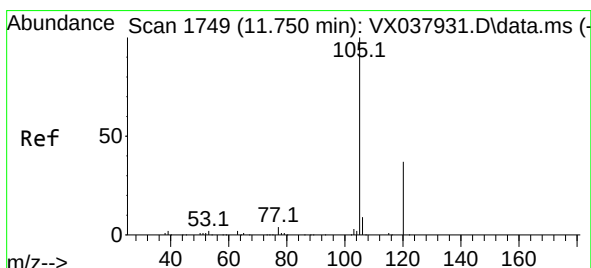
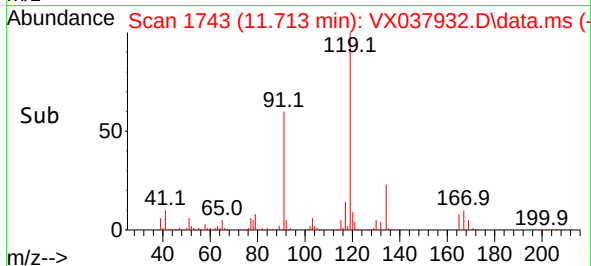
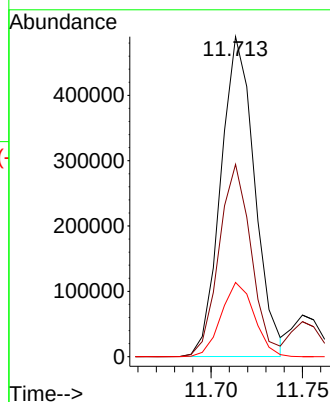
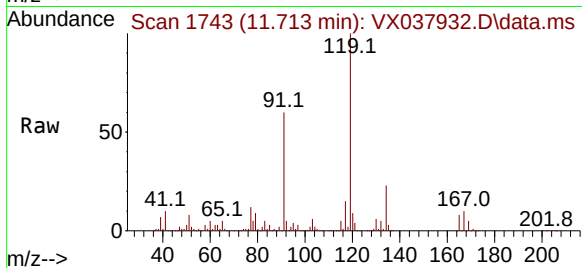
134 22.7 0.0 47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#80

1,2,4-Trimethylbenzene

Concen: 50.455 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX037932.D

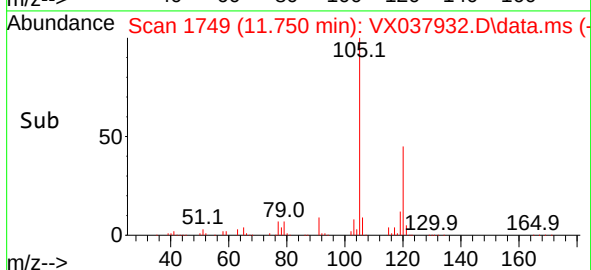
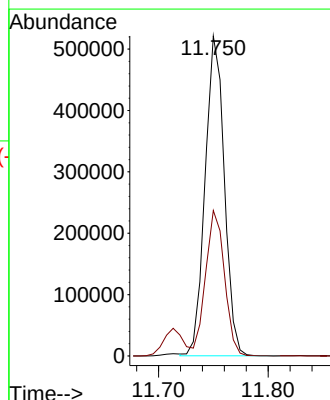
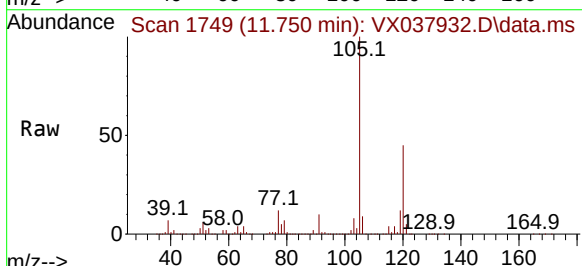
Acq: 27 Sep 2023 19:13

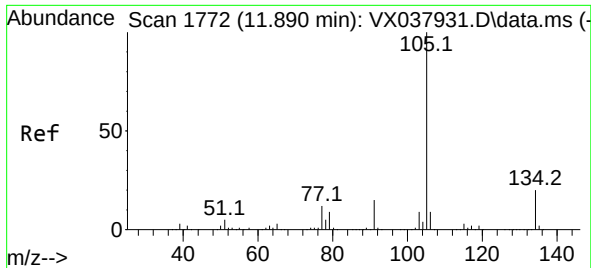
Tgt Ion:105 Resp: 632016

Ion Ratio Lower Upper

105 100

120 44.6 0.0 90.2





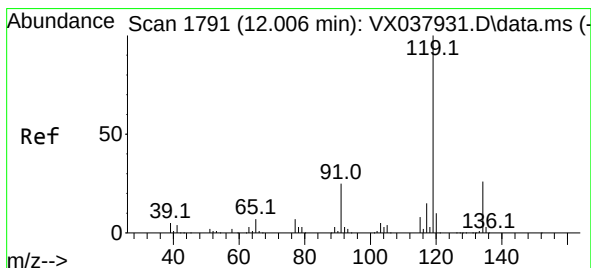
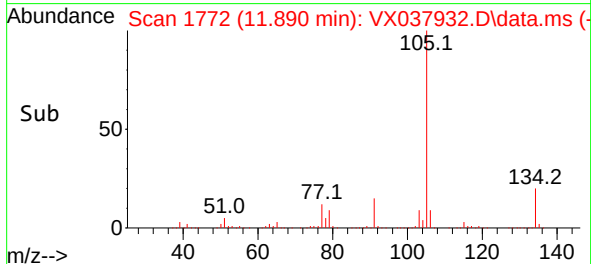
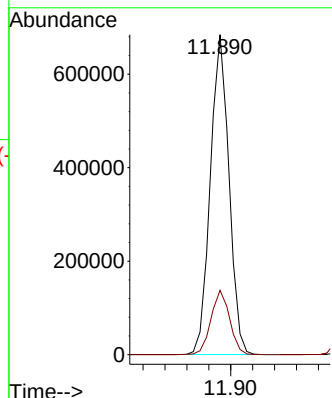
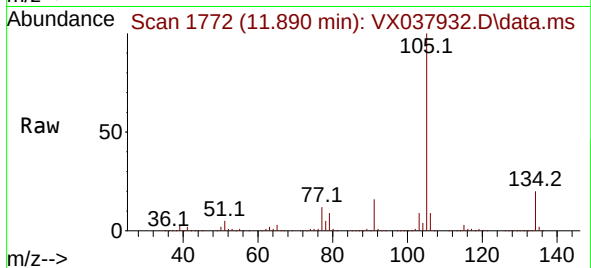
#81
sec-Butylbenzene
Concen: 50.597 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:105 Resp: 806972
Ion Ratio Lower Upper
105 100
134 20.2 0.0 41.2

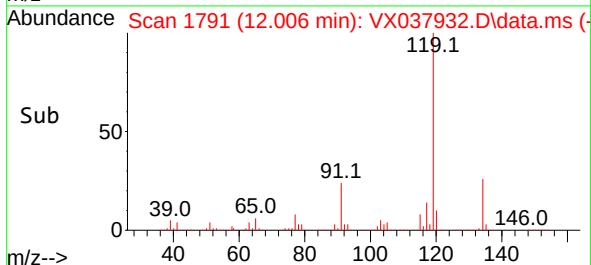
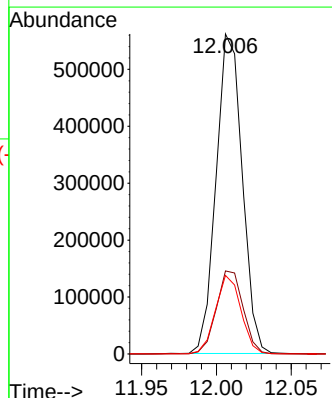
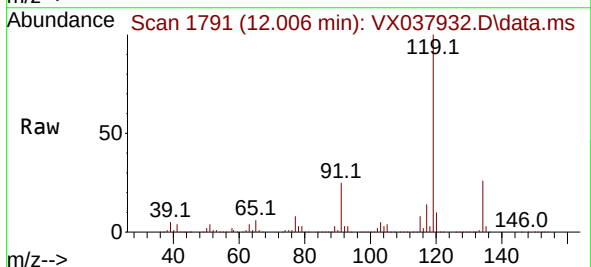
Manual Integrations
APPROVED

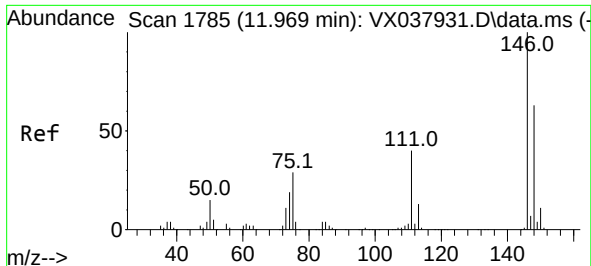
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#82
p-Isopropyltoluene
Concen: 50.959 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Tgt Ion:119 Resp: 682348
Ion Ratio Lower Upper
119 100
134 26.7 0.0 53.2
91 23.9 0.0 49.4





#83

1,3-Dichlorobenzene

Concen: 50.147 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037932.D

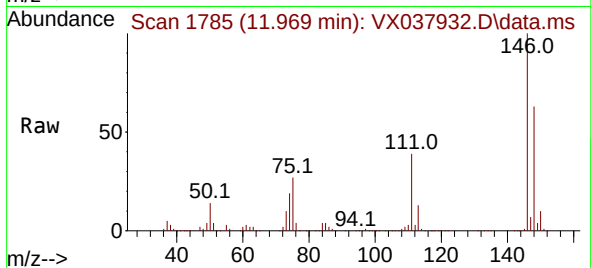
Acq: 27 Sep 2023 19:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050



Tgt Ion:146 Resp: 359107

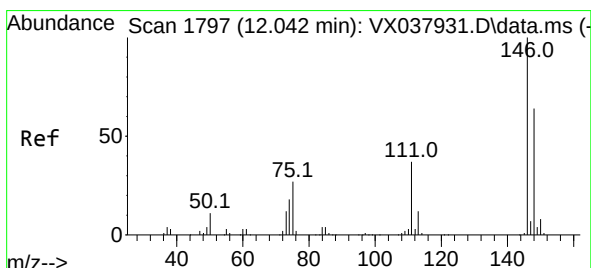
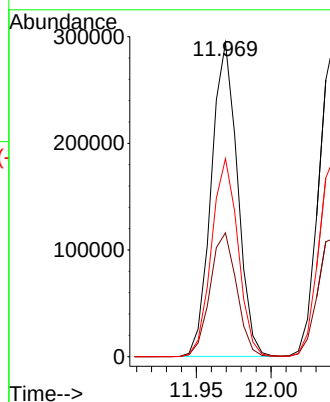
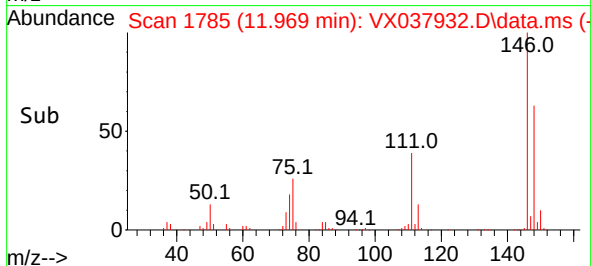
Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.4	61.2
148	63.6	31.6	94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#84

1,4-Dichlorobenzene

Concen: 50.026 ug/l

RT: 12.043 min Scan# 1797

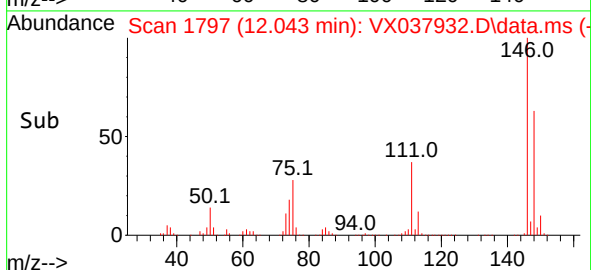
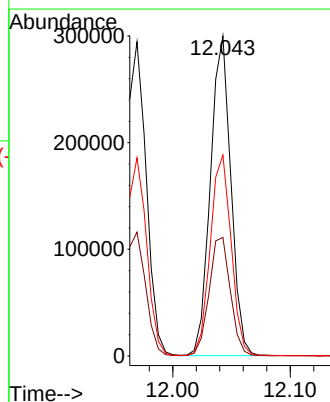
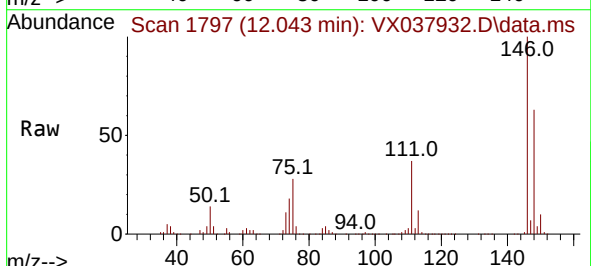
Delta R.T. 0.000 min

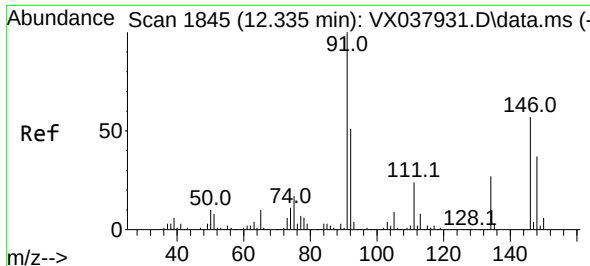
Lab File: VX037932.D

Acq: 27 Sep 2023 19:13

Tgt Ion:146 Resp: 363012

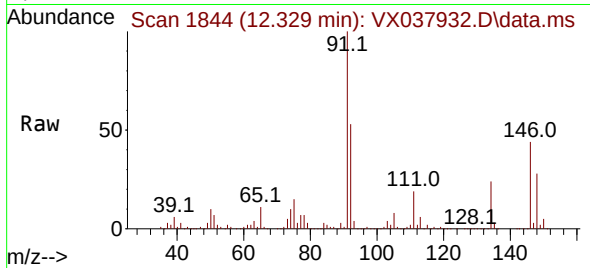
Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.2	60.6
148	64.2	32.1	96.3





#85
n-Butylbenzene
Concen: 51.186 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

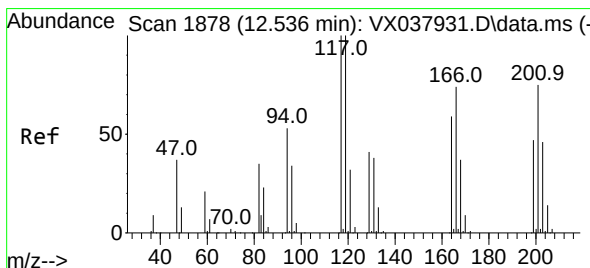
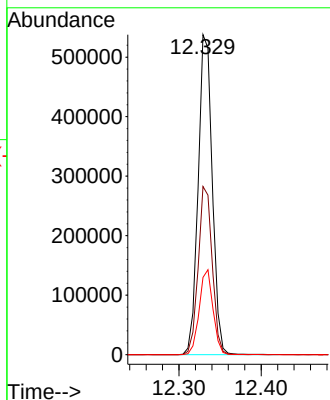
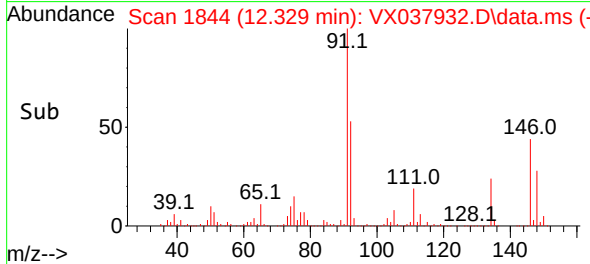
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 91 Resp: 641254
Ion Ratio Lower Upper
91 100
92 52.2 0.0 105.2
134 25.9 0.0 51.4

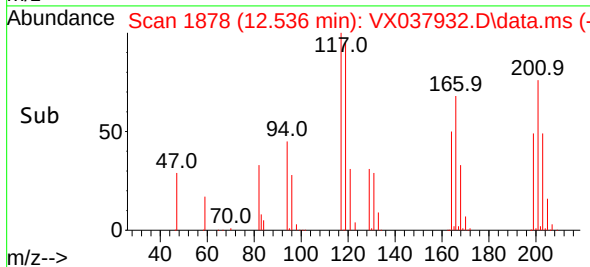
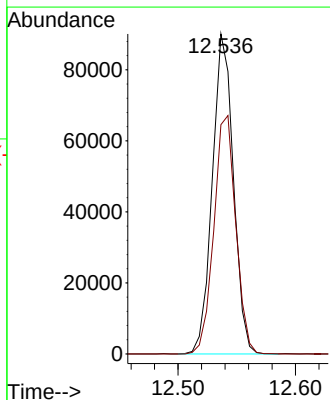
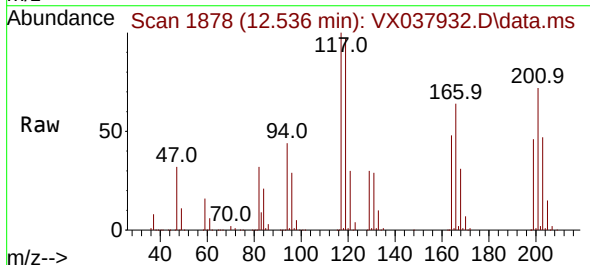
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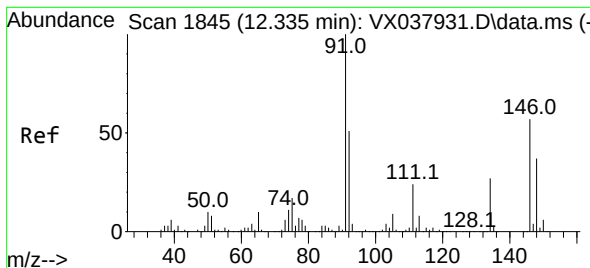
Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#86
Hexachloroethane
Concen: 51.565 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

Tgt Ion:117 Resp: 112492
Ion Ratio Lower Upper
117 100
201 77.4 36.0 108.0





#87

1,2-Dichlorobenzene

Concen: 50.299 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX037932.D

Acq: 27 Sep 2023 19:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion:146 Resp: 35489

Ion Ratio Lower Upper

146 100

111 41.4 21.4 64.3

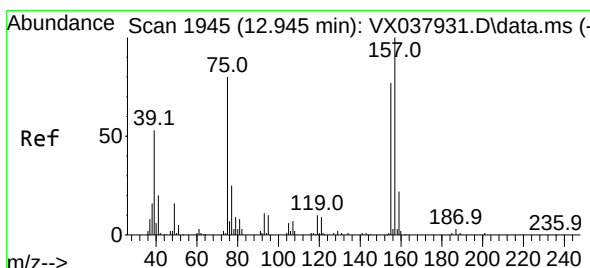
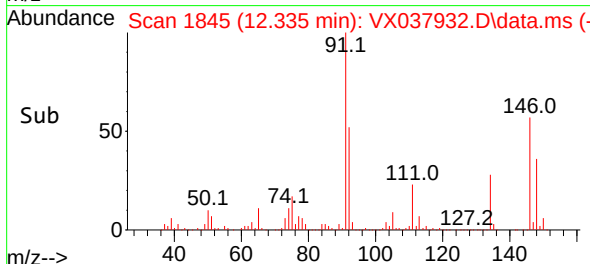
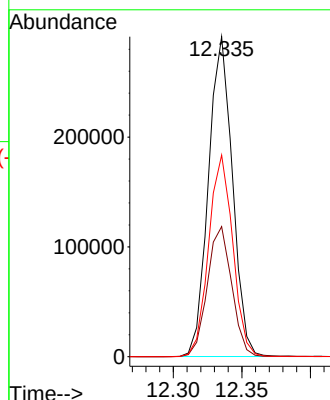
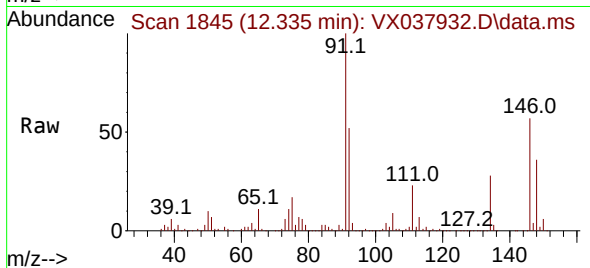
148 63.3 33.2 99.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 51.726 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX037932.D

Acq: 27 Sep 2023 19:13

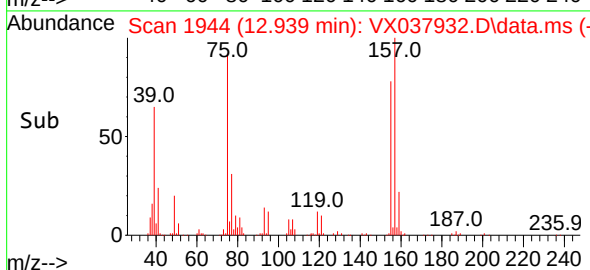
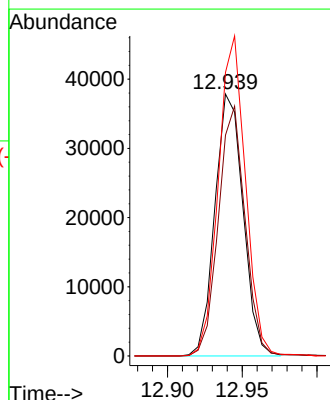
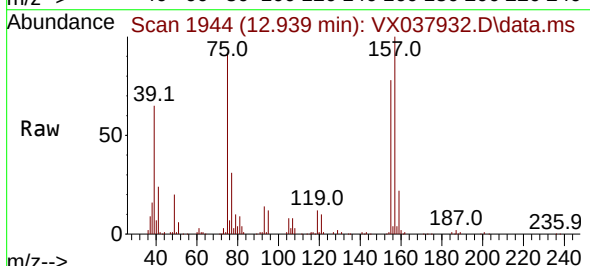
Tgt Ion: 75 Resp: 49616

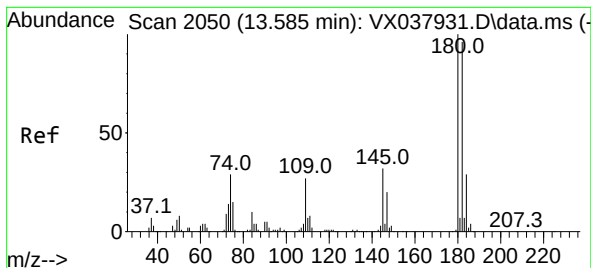
Ion Ratio Lower Upper

75 100

155 90.8 62.7 94.1

157 117.6 81.5 122.3





#89

1,2,4-Trichlorobenzene

Concen: 50.194 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX037932.D

Acq: 27 Sep 2023 19:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

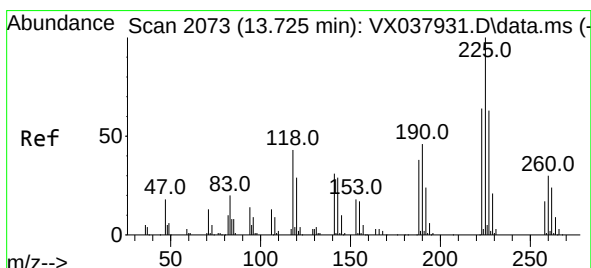
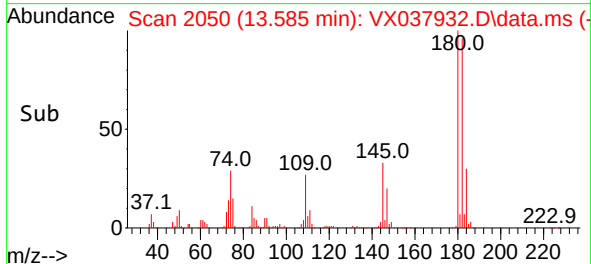
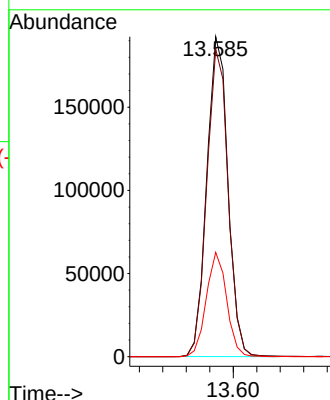
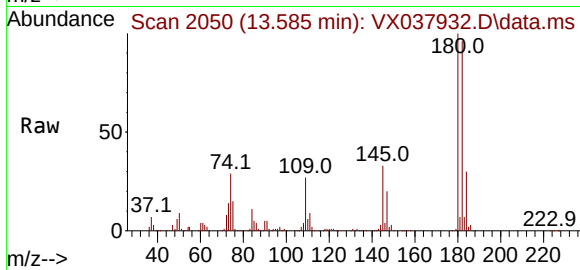
Tgt Ion:180	Resp: 24095
Ion Ratio	Lower Upper
180 100	
182 96.7	75.6 113.4
145 31.3	25.4 38.2

Manual Integrations

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Reviewed By :John Carlone 09/28/2023

Supervised By :Semsettin Yesilyurt 09/28/2023



#90

Hexachlorobutadiene

Concen: 50.557 ug/l

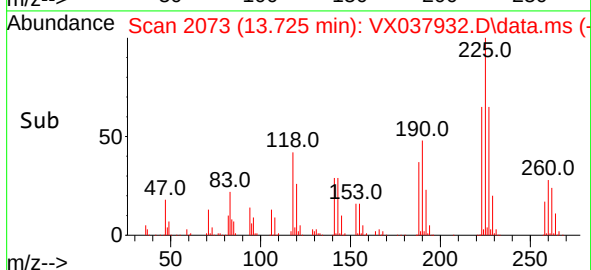
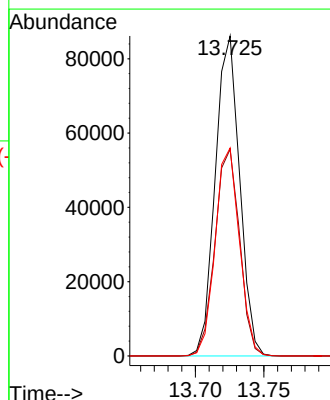
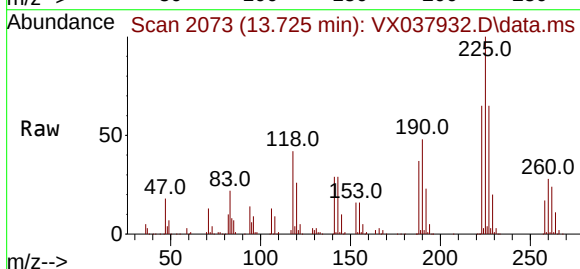
RT: 13.725 min Scan# 2073

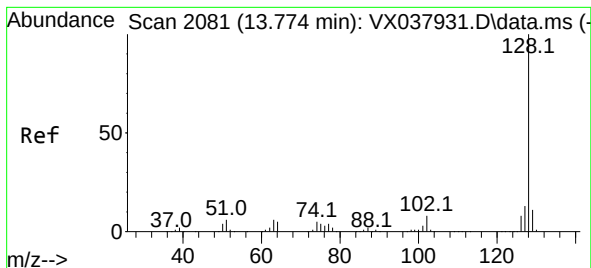
Delta R.T. 0.000 min

Lab File: VX037932.D

Acq: 27 Sep 2023 19:13

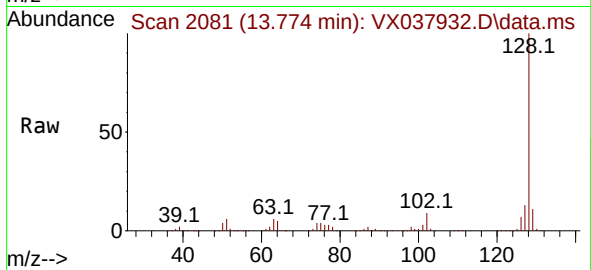
Tgt Ion:225	Resp: 106619
Ion Ratio	Lower Upper
225 100	
223 65.1	0.0 124.2
227 64.4	0.0 120.4





#91
Naphthalene
Concen: 50.389 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13

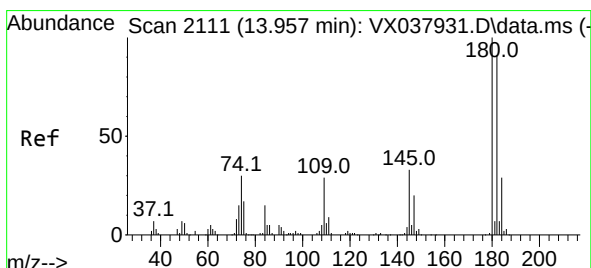
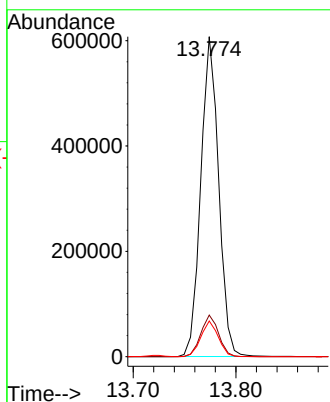
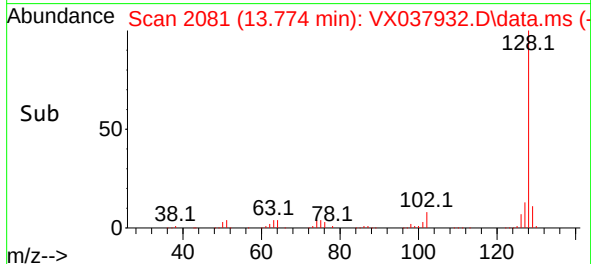
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



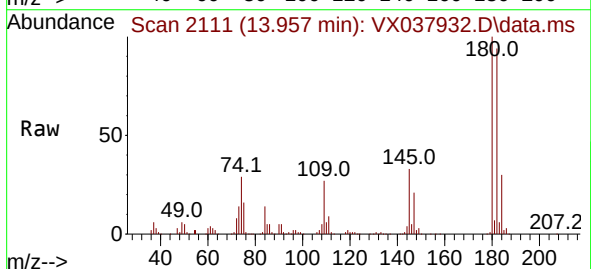
Tgt Ion:128 Resp: 733618
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 09/28/2023
Supervised By :Semsettin Yesilyurt 09/28/2023



#92
1,2,3-Trichlorobenzene
Concen: 50.213 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX037932.D
Acq: 27 Sep 2023 19:13



Tgt Ion:180 Resp: 234671
Ion Ratio Lower Upper
180 100
182 95.0 0.0 190.6
145 32.6 0.0 66.8

