

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
 Data File : VX035947.D
 Acq On : 01 Jun 2023 09:56
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/02/2023
 Supervised By : Semsettin Yesilyurt 06/02/2023

Quant Time: Jun 02 01:35:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	35496	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	213135	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	192307	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	92900	31.499	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 105.000%			
60) 4-Bromofluorobenzene	11.079	95	100871	31.260	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 104.200%			
63) Toluene-d8	8.647	98	255106	30.007	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.033%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	50132	27.619	ug/l	99
3) Chloromethane	1.294	50	45119	20.262	ug/l	96
4) Vinyl Chloride	1.373	62	43571	20.821	ug/l	95
5) Bromomethane	1.617	94	28966	20.575	ug/l	96
6) Chloroethane	1.690	64	28163	21.347	ug/l	96
7) Trichlorofluoromethane	1.886	101	70229	22.137	ug/l	96
8) Diethyl Ether	2.129	74	26111	19.796	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	43414	25.435	ug/l	97
10) 1,1-Dichloroethene	2.318	96	37966	21.337	ug/l	90
11) Methyl Iodide	2.453	142	41662	19.382	ug/l	98
12) Methyl Acetate	2.709	43	104302	20.745	ug/l	98
13) Acrolein	2.245	56	46528	117.068	ug/l	98
14) Acrylonitrile	3.068	53	129858	103.030	ug/l	99
15) Acetone	2.404	58	42661	113.160	ug/l	92
16) Carbon Disulfide	2.514	76	87180	22.576	ug/l	100
17) Allyl chloride	2.666	41	77059	21.467	ug/l	94
18) Methylene Chloride	2.788	84	45668	19.708	ug/l	96
19) trans-1,2-Dichloroethene	3.093	96	42299	21.088	ug/l	92
20) Diisopropyl ether	3.757	45	159610	20.596	ug/l	99
21) 1,1-Dichloroethane	3.605	63	86430	21.278	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	50196	20.224	ug/l	96
23) tert-Butyl Alcohol	3.026	59	53893m	117.139	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	154046	21.480	ug/l	94
25) Chloroform	5.086	83	89647	21.507	ug/l	98
26) Cyclohexane	5.470	56	70978	23.105	ug/l #	96
29) 1,1-Dichloropropene	5.690	75	63533	21.406	ug/l	98
30) 2-Butanone	4.568	43	200768	103.335	ug/l	99
31) 2,2-Dichloropropane	4.470	77	71831	22.527	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	76275	22.007	ug/l	99
33) Carbon Tetrachloride	5.678	117	63963	23.371	ug/l	96
34) Benzene	6.037	78	185510	19.813	ug/l	98
35) Methacrylonitrile	4.916	41	41326	19.933	ug/l	97
36) 1,2-Dichloroethane	6.086	62	74199	20.362	ug/l	99
37) Trichloroethene	7.122	130	47538	20.199	ug/l	99
38) Methylcyclohexane	7.378	83	71952	22.106	ug/l	98
39) 1,2-Dichloropropane	7.427	63	48518	19.251	ug/l	98
40) Dibromomethane	7.580	93	33313	19.544	ug/l	99
41) Bromodichloromethane	7.817	83	65751	21.338	ug/l	97
42) Vinyl Acetate	3.721	43	555337	97.309	ug/l	100

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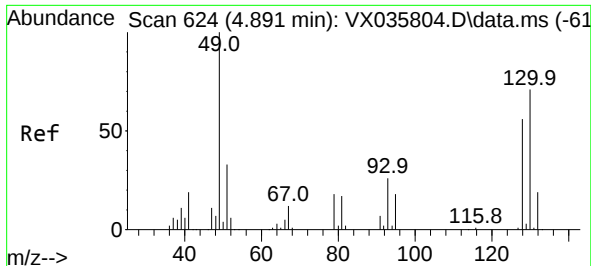
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Quant Time: Jun 02 01:35:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.714	43	66802	18.029	ug/l	97
44) Isopropyl Acetate	6.336	43	111531	18.466	ug/l	99
45) 1,4-Dioxane	7.738	88	25605m	446.343	ug/l	
46) Methyl methacrylate	7.689	41	55508	19.021	ug/l	99
47) n-amyl Acetate	10.841	43	91902	18.115	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	67307	19.744	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	75967	20.192	ug/l	93
50) 1,1,2-Trichloroethane	9.153	97	49318	20.224	ug/l	95
51) Ethyl methacrylate	9.116	69	72298	19.233	ug/l	95
52) 1,3-Dichloropropane	9.305	76	84751	19.943	ug/l	99
53) Dibromochloromethane	9.518	129	46978	21.006	ug/l	99
54) 1,2-Dibromoethane	9.610	107	50468	19.920	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	198989	99.748	ug/l	98
56) Bromoform	10.799	173	30606	21.111	ug/l	96
58) 4-Methyl-2-Pentanone	8.573	43	359192	96.161	ug/l	98
59) 2-Hexanone	9.433	43	277624	98.777	ug/l	98
61) Tetrachloroethene	9.274	164	40712	21.982	ug/l	95
62) Toluene	8.720	91	202726	20.470	ug/l	99
64) Chlorobenzene	10.079	112	126485	20.167	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	44397	20.247	ug/l	97
66) Ethyl Benzene	10.195	91	229877	20.755	ug/l	99
67) m/p-Xylenes	10.299	106	176526	42.108	ug/l	98
68) o-Xylene	10.640	106	86919	20.728	ug/l	100
69) Styrene	10.652	104	142531	20.595	ug/l	100
70) Isopropylbenzene	10.963	105	229770	21.467	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	74256	19.586	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	63054m	19.096	ug/l	
73) Bromobenzene	11.195	156	53326	20.507	ug/l	96
74) n-propylbenzene	11.305	91	266084	20.856	ug/l	100
75) 2-Chlorotoluene	11.366	91	166319	21.223	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	194907	21.441	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	18447	18.520	ug/l	96
78) 4-Chlorotoluene	11.451	91	187905	21.047	ug/l	100
79) tert-butylbenzene	11.713	119	186394	21.239	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	191539	20.966	ug/l	99
81) sec-Butylbenzene	11.890	105	232463	20.980	ug/l	99
82) p-Isopropyltoluene	12.006	119	194844	21.138	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	102157	20.757	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	102841	20.819	ug/l	99
85) n-Butylbenzene	12.335	91	168033	20.490	ug/l	99
86) Hexachloroethane	12.536	117	29146	20.079	ug/l	95
87) 1,2-Dichlorobenzene	12.335	146	100027	20.743	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	16400	22.634	ug/l	93
89) 1,2,4-Trichlorobenzene	13.585	180	62081	21.482	ug/l	97
90) Hexachlorobutadiene	13.725	225	25466	23.904	ug/l	97
91) Naphthalene	13.774	128	213227	21.321	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	60748	21.054	ug/l	98

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



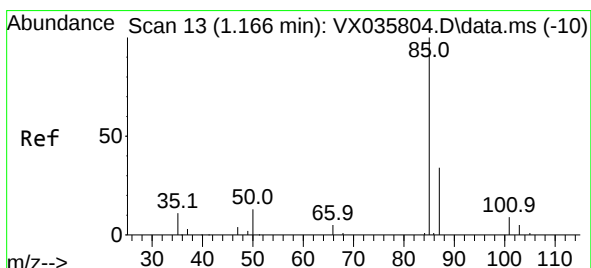
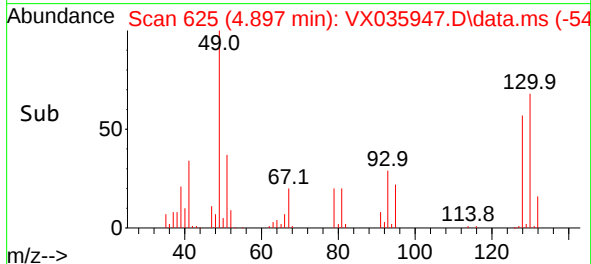
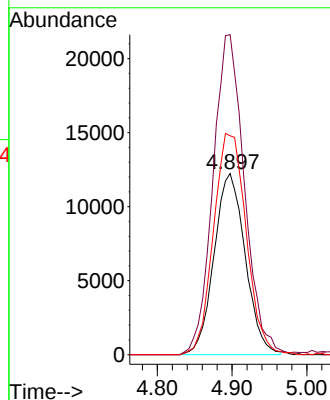
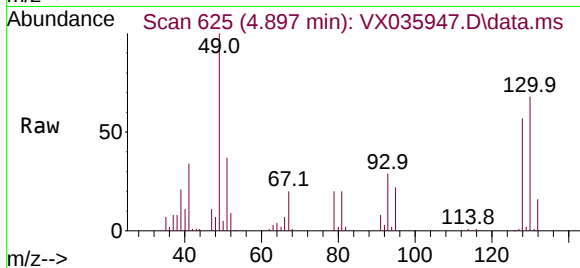
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 35490
Ion Ratio Lower Upper
128 100
49 178.2 0.0 428.8
130 128.4 0.0 310.8

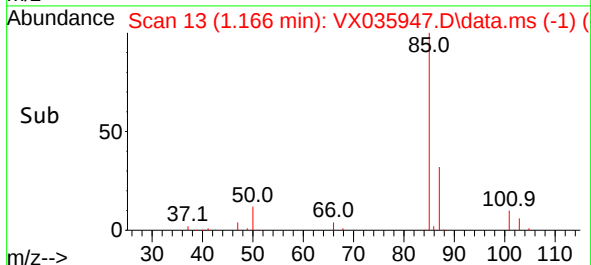
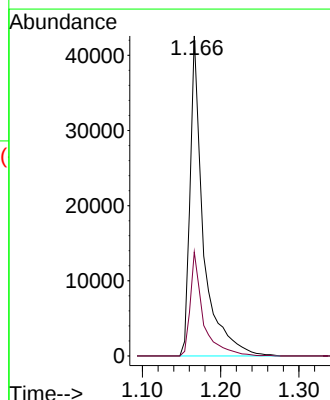
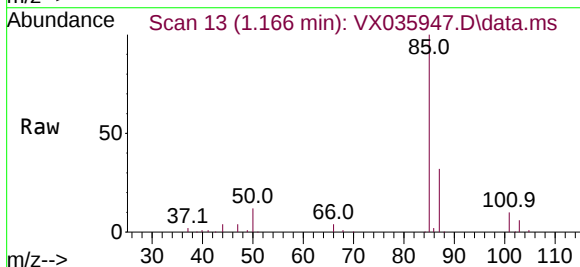
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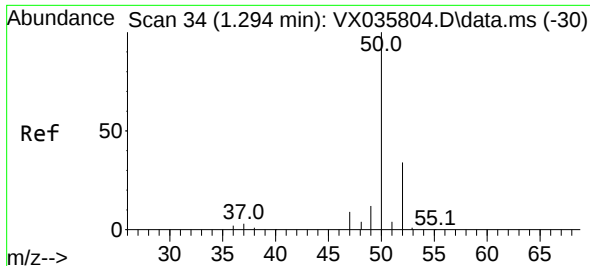
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#2
Dichlorodifluoromethane
Concen: 27.619 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Tgt Ion: 85 Resp: 50132
Ion Ratio Lower Upper
85 100
87 32.5 16.0 48.0





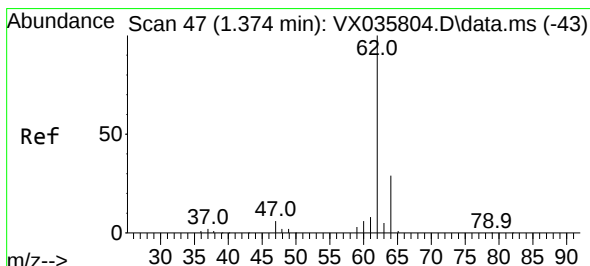
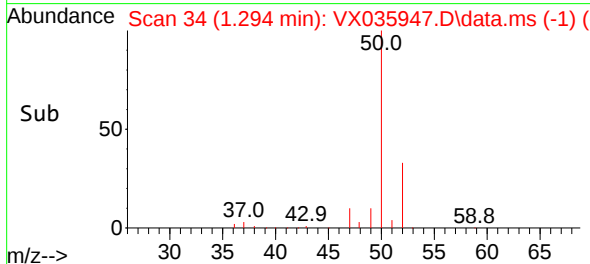
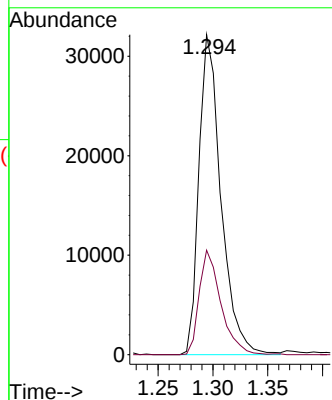
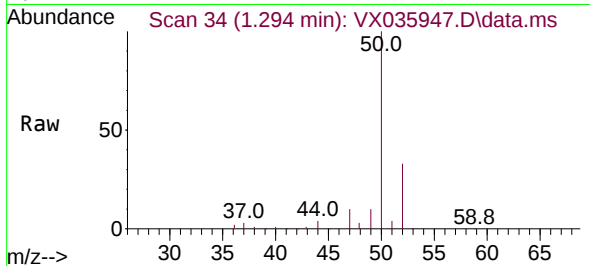
#3
Chloromethane
Concen: 20.262 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 45119
Ion Ratio Lower Upper
50 100
52 32.7 24.6 36.8

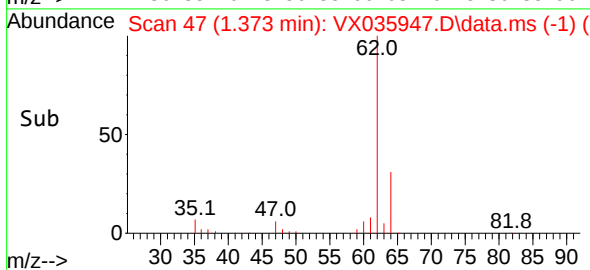
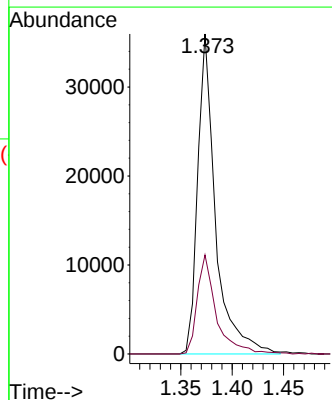
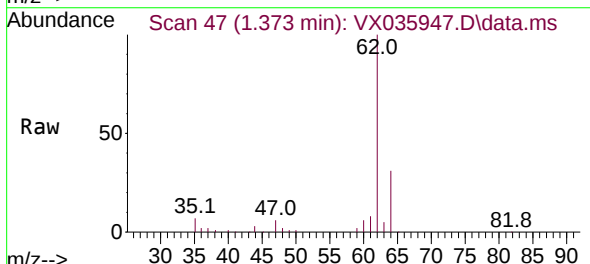
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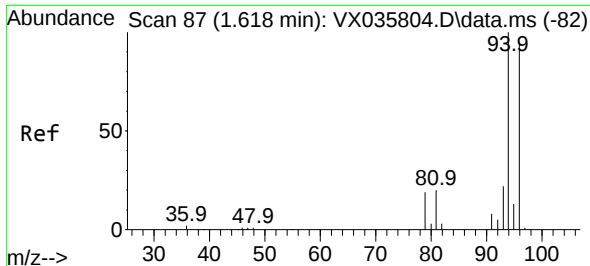
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#4
Vinyl Chloride
Concen: 20.821 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Tgt Ion: 62 Resp: 43571
Ion Ratio Lower Upper
62 100
64 31.0 26.9 40.3





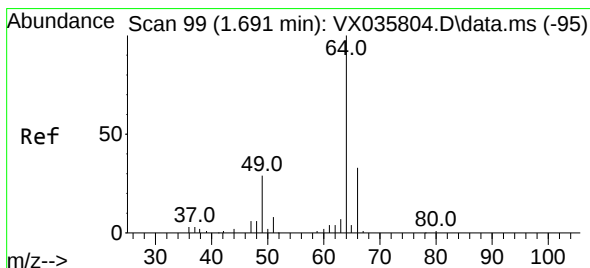
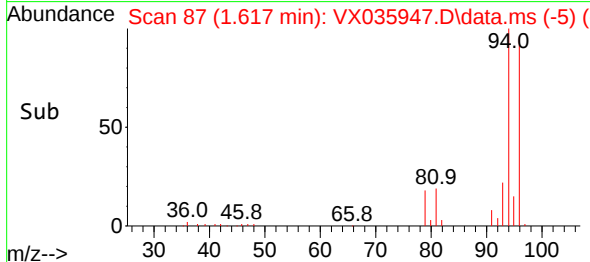
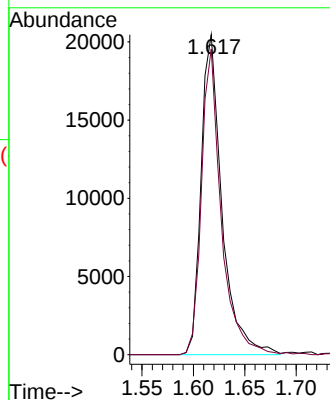
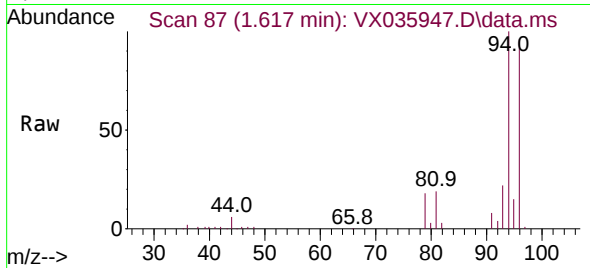
#5
Bromomethane
Concen: 20.575 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 94 Resp: 28960
Ion Ratio Lower Upper
94 100
96 95.5 73.4 110.0

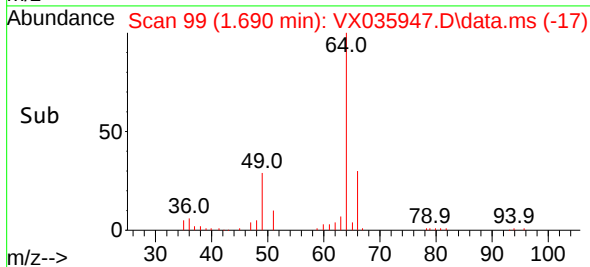
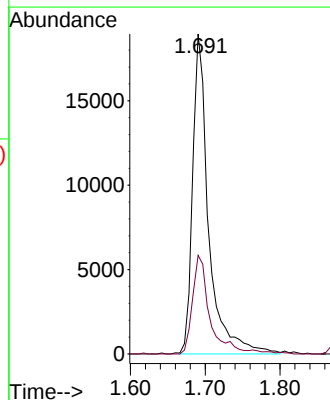
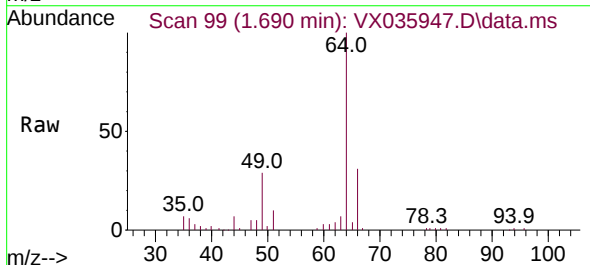
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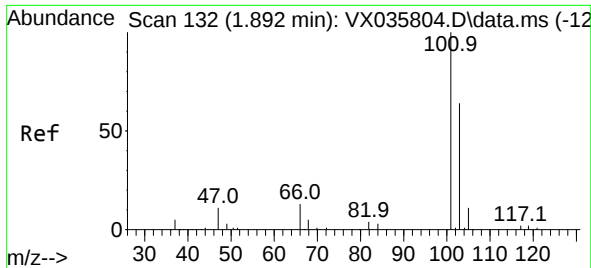
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#6
Chloroethane
Concen: 21.347 ug/l
RT: 1.690 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Tgt Ion: 64 Resp: 28163
Ion Ratio Lower Upper
64 100
66 30.9 26.6 40.0





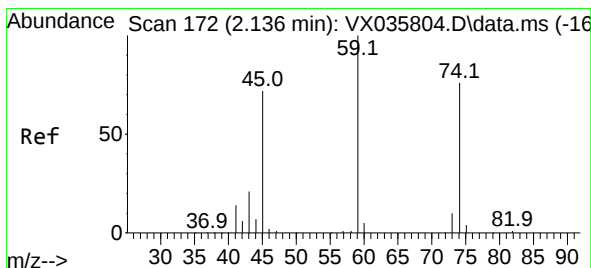
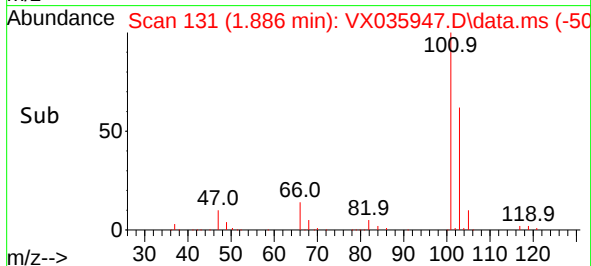
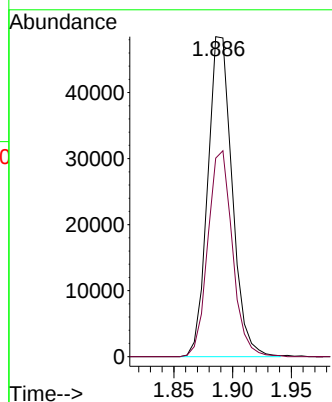
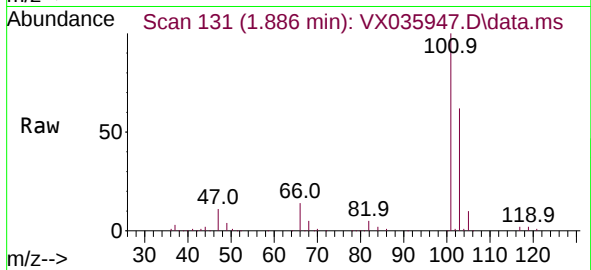
#7
Trichlorofluoromethane
Concen: 22.137 ug/l
RT: 1.886 min Scan# 111
Delta R.T. -0.006 min
Lab File: VX035947.D
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Instrument :
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Tgt Ion:101 Resp: 70229
Ion Ratio Lower Upper
101 100
103 62.0 52.1 78.1

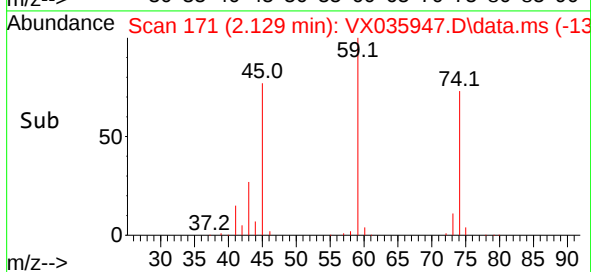
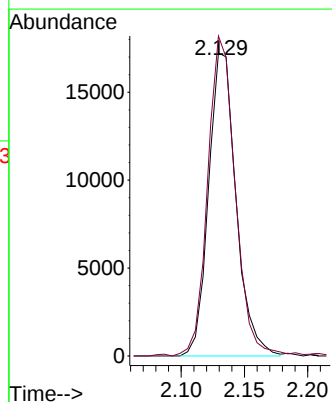
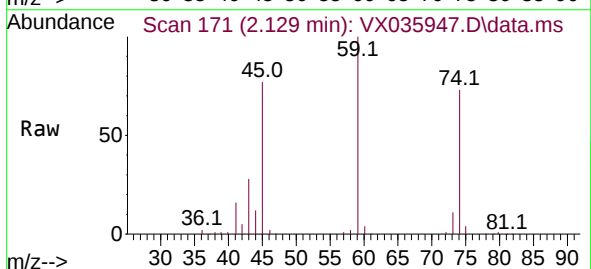
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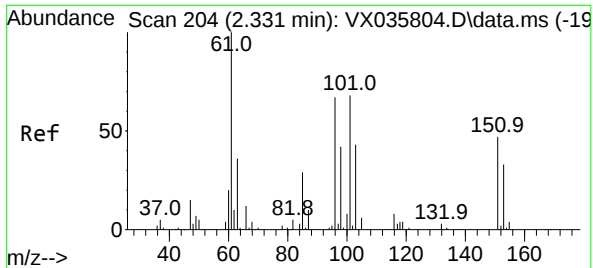
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#8
Diethyl Ether
Concen: 19.796 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Tgt Ion: 74 Resp: 26111
Ion Ratio Lower Upper
74 100
45 105.4 20.5 184.5





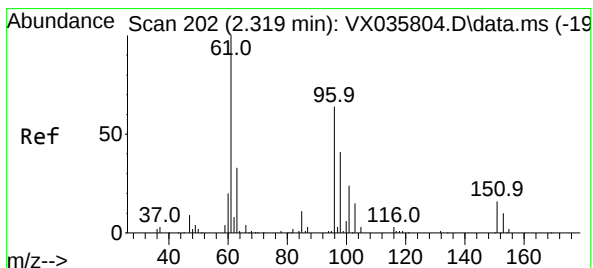
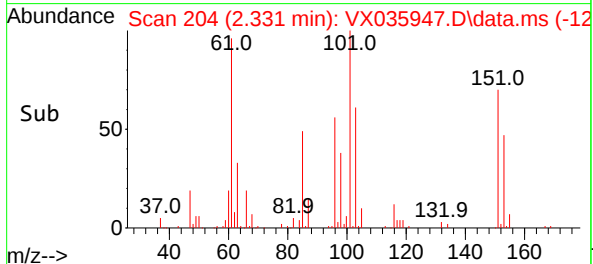
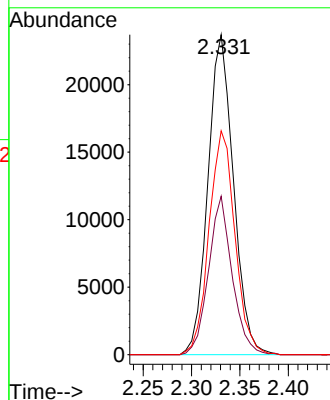
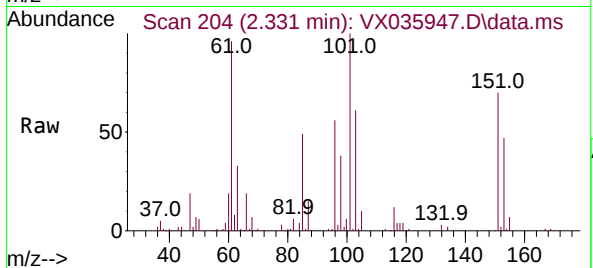
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1,1,2-Trichlorotrifluoroethane
Concen: 25.435 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Instrument :
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ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 43414
Ion Ratio Lower Upper
101 100
85 45.9 0.0 88.8
151 71.2 0.0 147.6

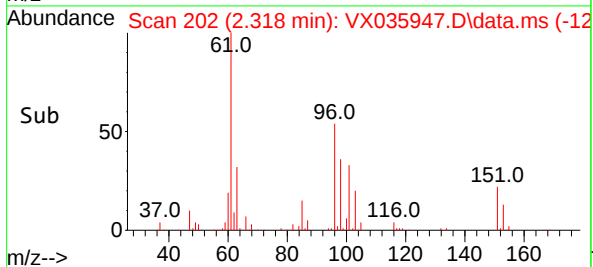
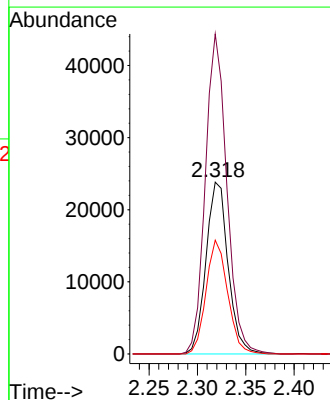
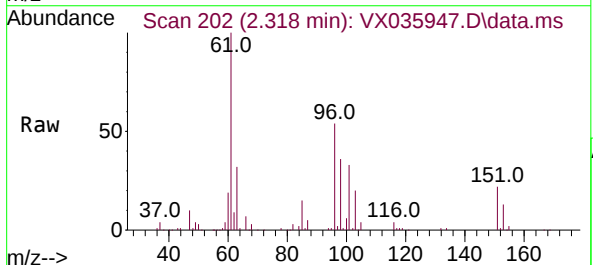
Manual Integrations
APPROVED

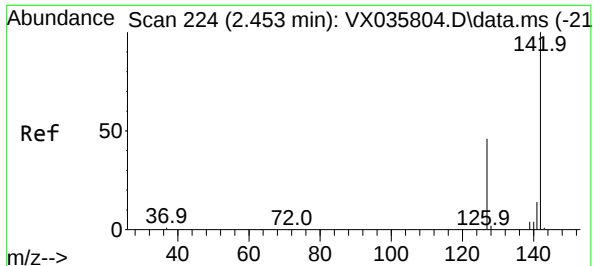
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#10
1,1-Dichloroethene
Concen: 21.337 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

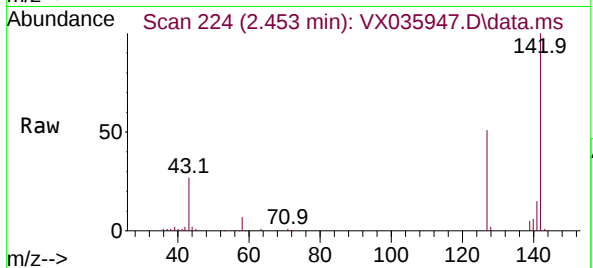
Tgt Ion: 96 Resp: 37966
Ion Ratio Lower Upper
96 100
61 186.3 135.8 203.6
98 66.2 49.8 74.6





#11
Methyl Iodide
Concen: 19.382 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

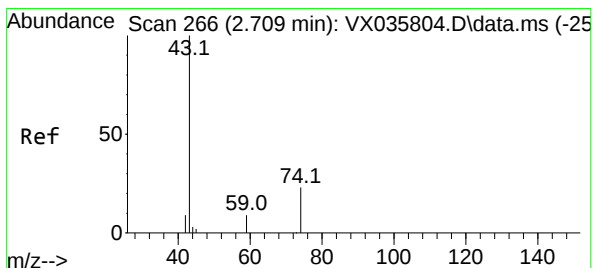
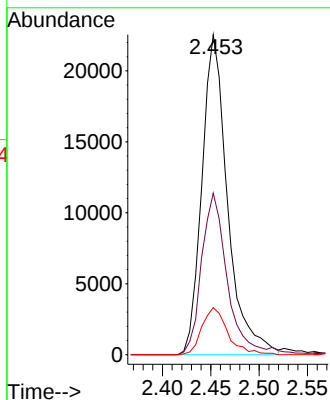
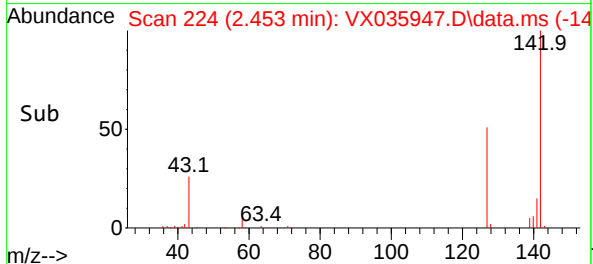
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



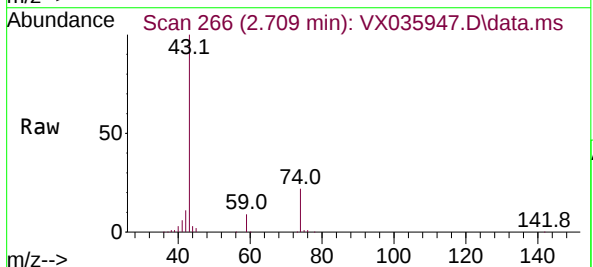
Tgt Ion:142 Resp: 41662
Ion Ratio Lower Upper
142 100
127 50.3 24.5 73.5
141 14.8 7.6 22.8

Manual Integrations
APPROVED

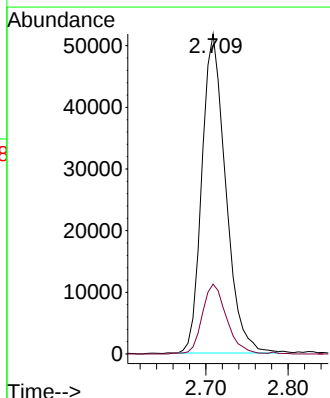
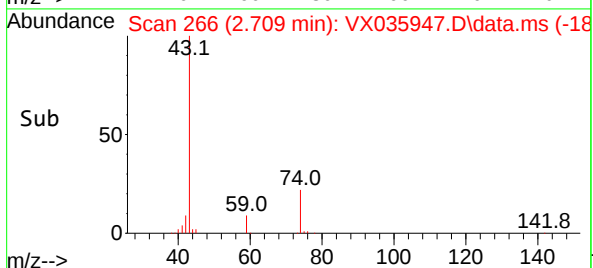
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

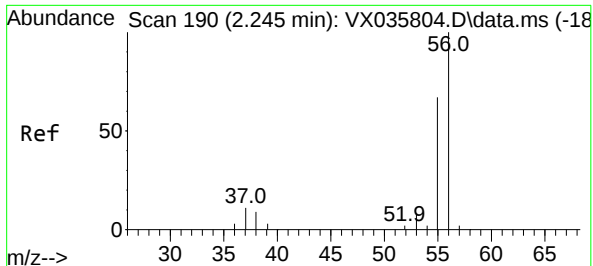


#12
Methyl Acetate
Concen: 20.745 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56



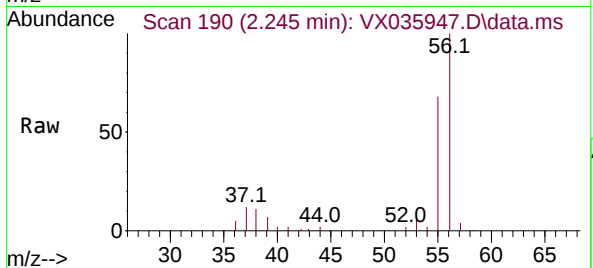
Tgt Ion: 43 Resp: 104302
Ion Ratio Lower Upper
43 100
74 21.7 18.0 27.0





#13
Acrolein
Concen: 117.068 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

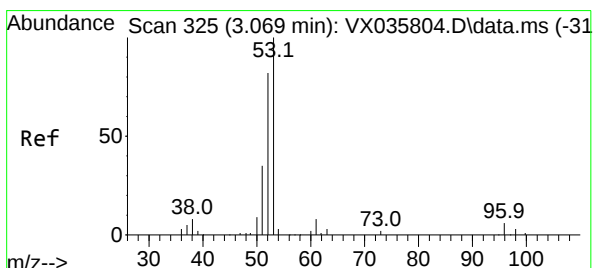
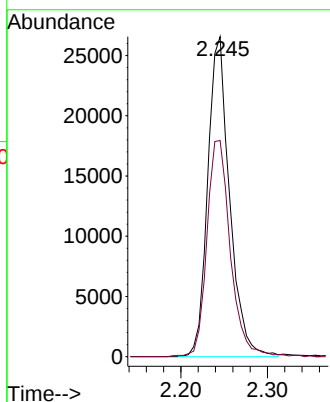
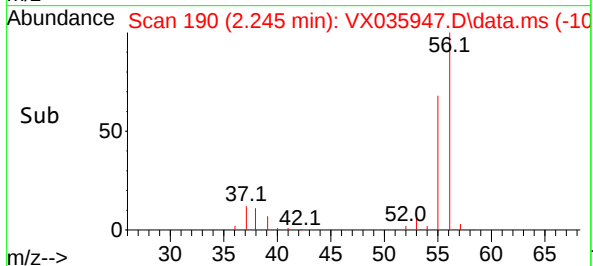
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



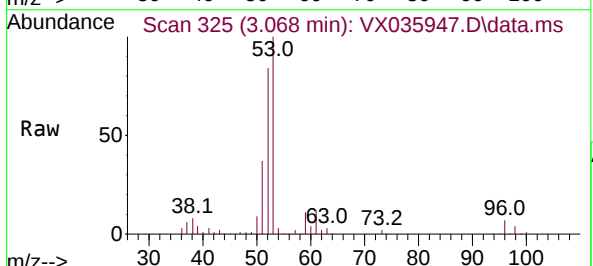
Tgt Ion: 56 Resp: 46528
Ion Ratio Lower Upper
56 100
55 72.2 56.6 85.0

Manual Integrations
APPROVED

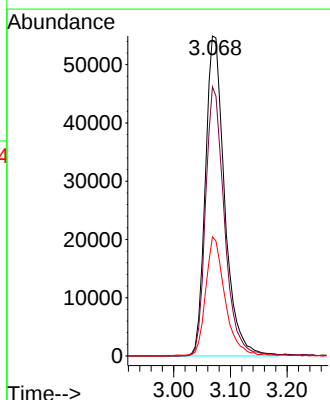
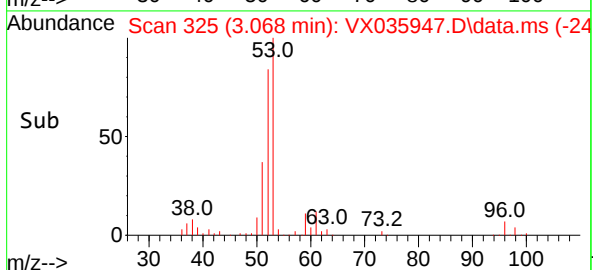
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

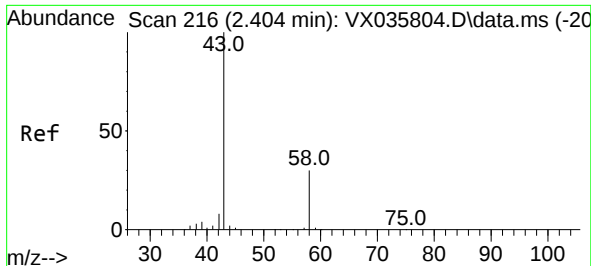


#14
Acrylonitrile
Concen: 103.030 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56



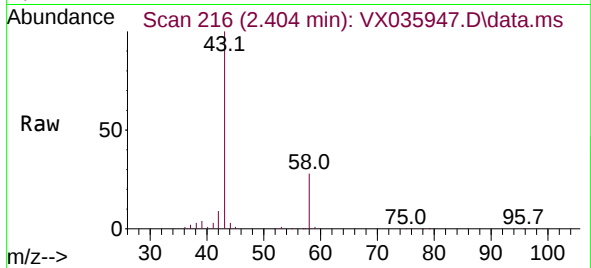
Tgt Ion: 53 Resp: 129858
Ion Ratio Lower Upper
53 100
52 82.3 41.3 123.7
51 36.9 17.9 53.7





#15
Acetone
Concen: 113.160 ug/l
RT: 2.404 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

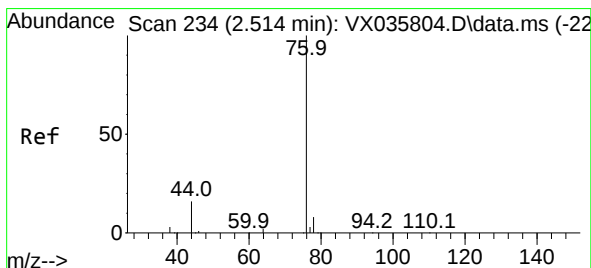
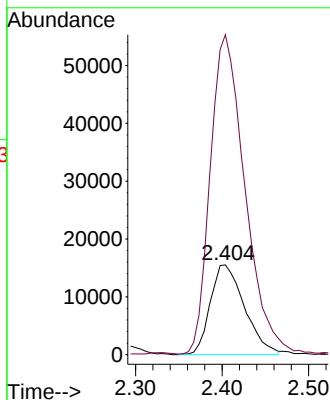
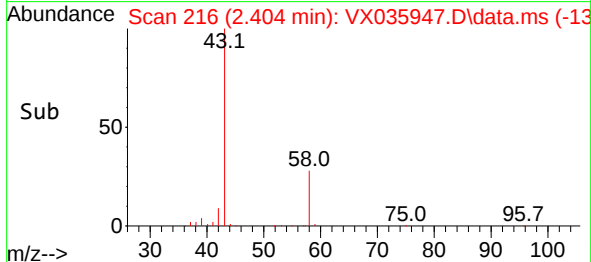
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 58 Resp: 4266
Ion Ratio Lower Upper
58 100
43 355.7 270.8 406.2

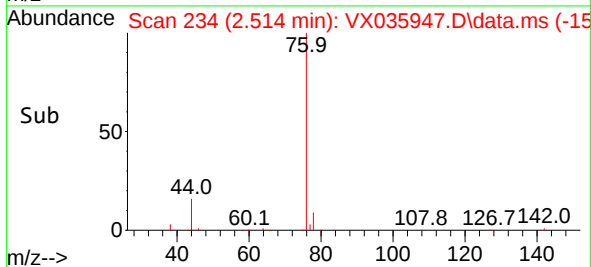
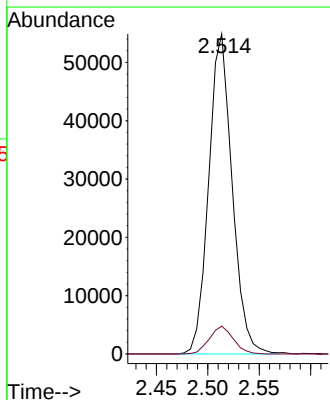
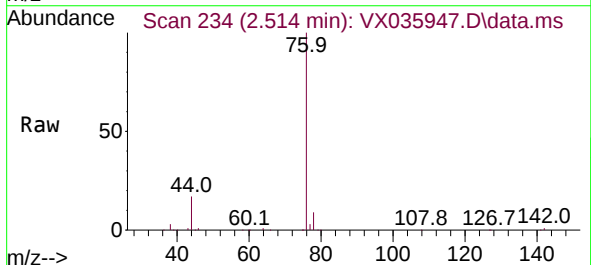
Manual Integrations
APPROVED

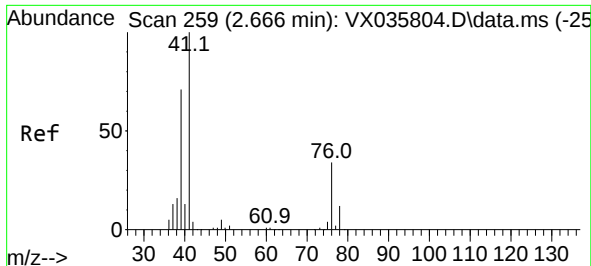
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#16
Carbon Disulfide
Concen: 22.576 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Tgt Ion: 76 Resp: 87180
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6





#17

Allyl chloride

Concen: 21.467 ug/l

RT: 2.666 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX035947.D

Acq: 01 Jun 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 41 Resp: 77059

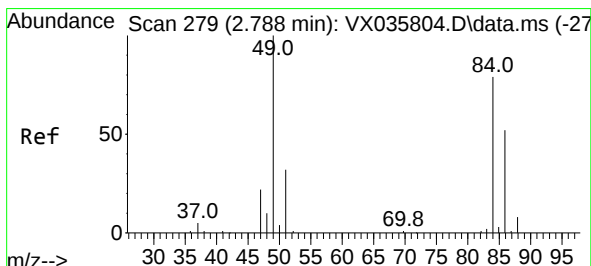
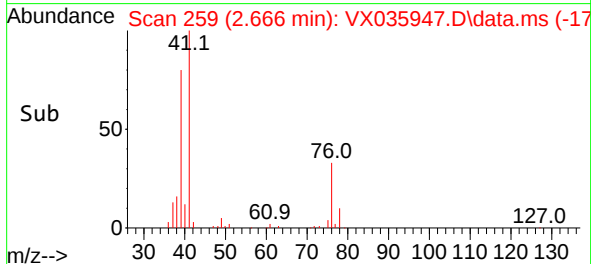
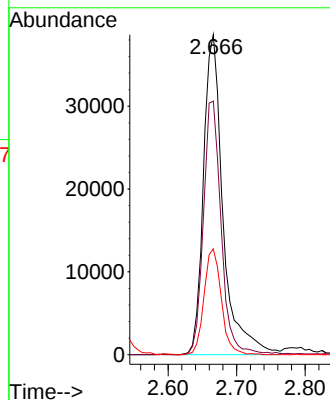
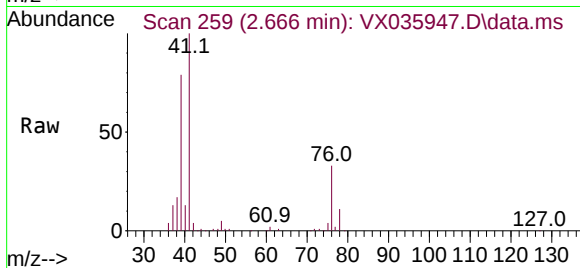
Ion	Ratio	Lower	Upper
41	100		
39	79.3	36.4	109.3
76	33.1	17.0	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#18

Methylene Chloride

Concen: 19.708 ug/l

RT: 2.788 min Scan# 279

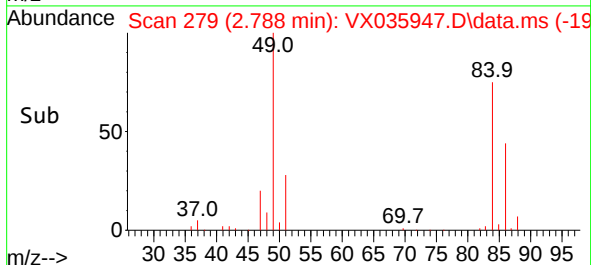
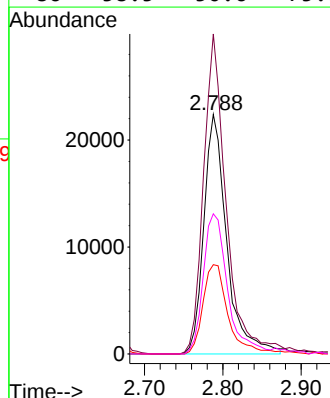
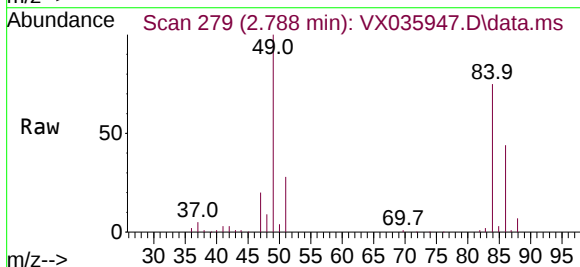
Delta R.T. -0.000 min

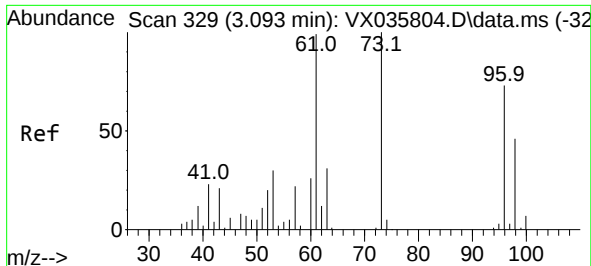
Lab File: VX035947.D

Acq: 01 Jun 2023 09:56

Tgt Ion: 84 Resp: 45668

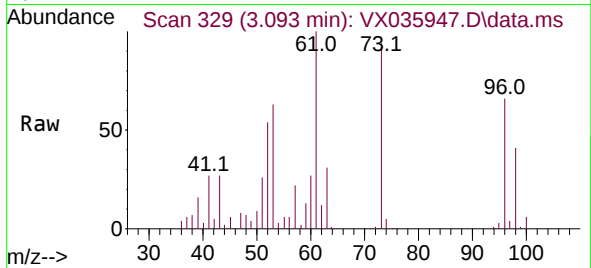
Ion	Ratio	Lower	Upper
84	100		
49	133.6	103.9	155.9
51	37.3	30.6	45.8
86	58.5	50.6	75.8





#19
trans-1,2-Dichloroethene
Concen: 21.088 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

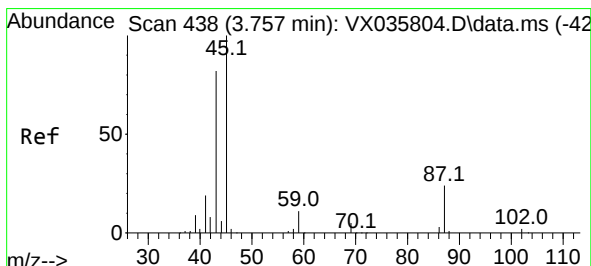
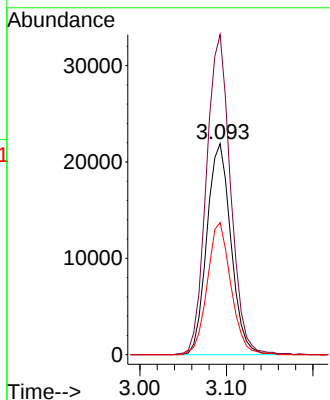
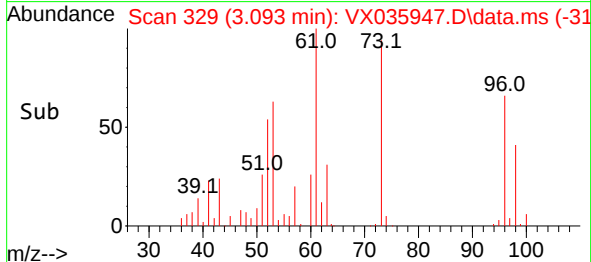
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



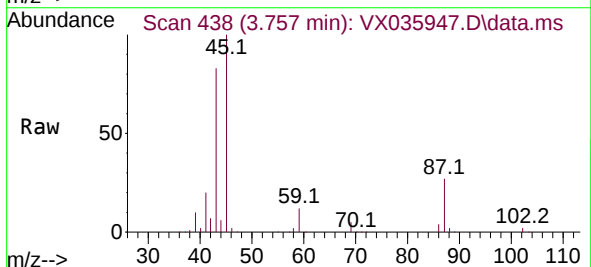
Tgt Ion: 96 Resp: 42299
Ion Ratio Lower Upper
96 100
61 151.2 111.1 166.7
98 62.6 48.6 72.8

Manual Integrations
APPROVED

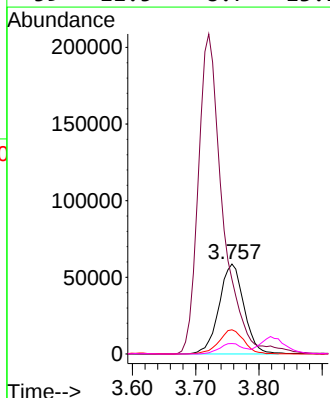
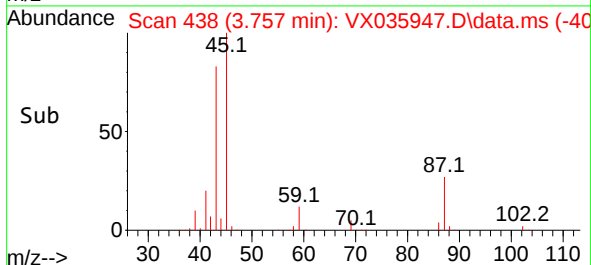
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

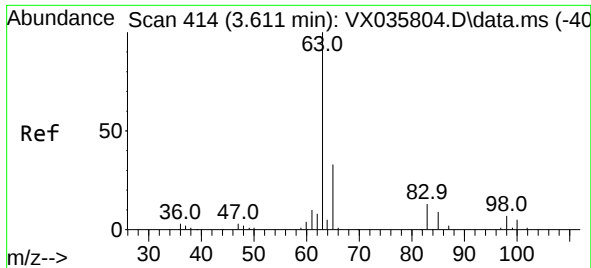


#20
Diisopropyl ether
Concen: 20.596 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56



Tgt Ion: 45 Resp: 159610
Ion Ratio Lower Upper
45 100
43 82.2 66.0 99.0
87 26.9 21.8 32.6
59 11.5 8.7 13.1





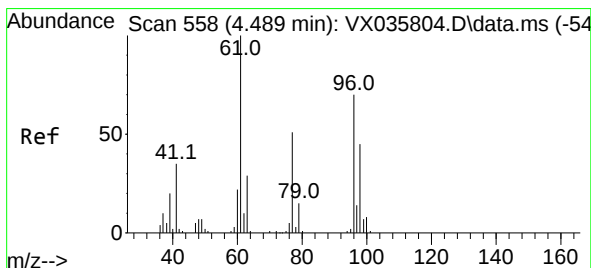
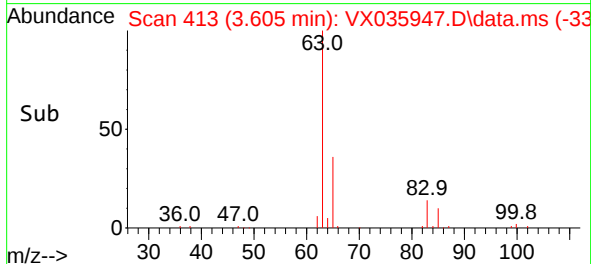
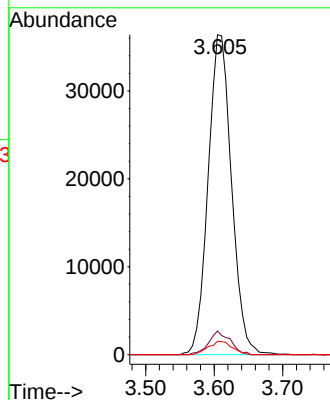
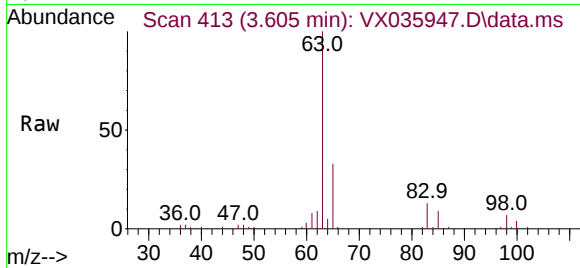
#21
1,1-Dichloroethane
Concen: 21.278 ug/l
RT: 3.605 min Scan# 414
Delta R.T. -0.006 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 86430
Ion Ratio Lower Upper
63 100
98 7.4 3.5 10.6
100 4.2 2.2 6.6

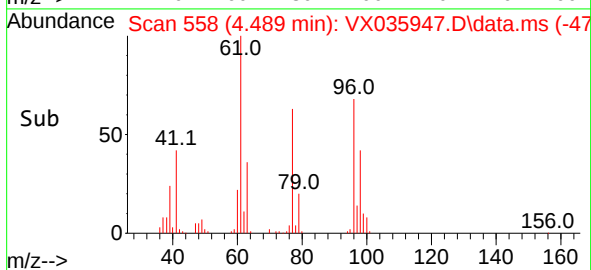
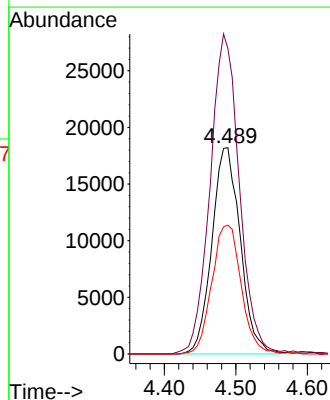
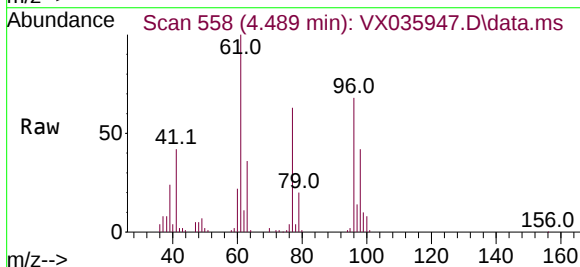
Manual Integrations
APPROVED

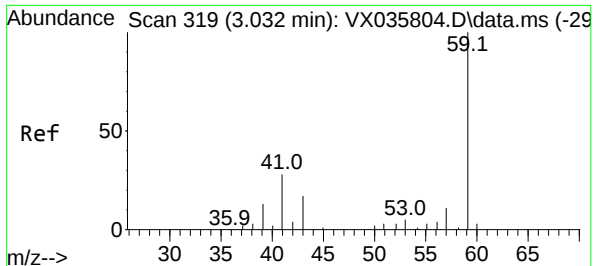
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#22
cis-1,2-Dichloroethene
Concen: 20.224 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

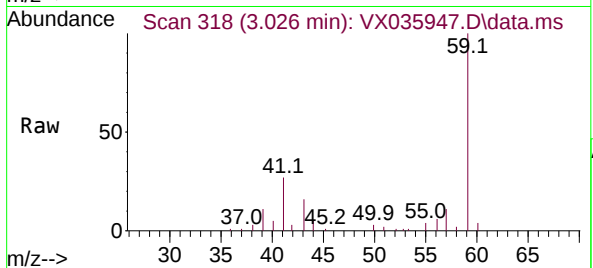
Tgt Ion: 96 Resp: 50196
Ion Ratio Lower Upper
96 100
61 159.4 121.7 182.5
98 64.5 52.2 78.2





#23
tert-Butyl Alcohol
Concen: 117.139 ug/l m
RT: 3.026 min Scan# 319
Delta R.T. -0.006 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

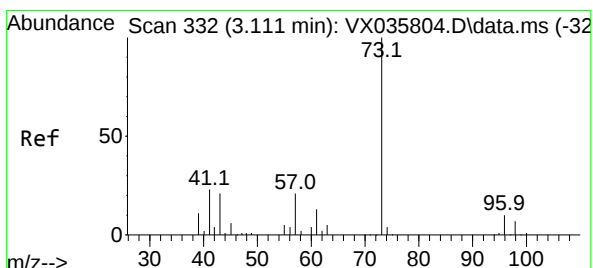
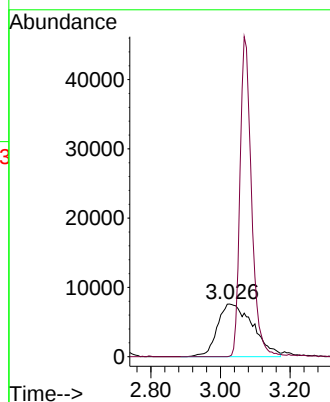
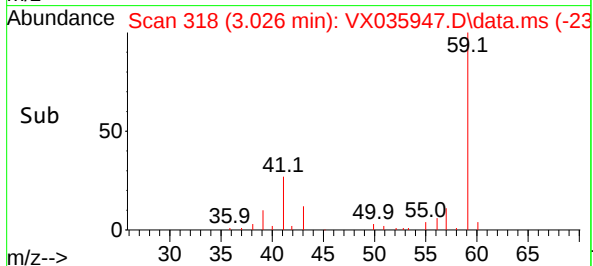
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 59 Resp: 5389
Ion Ratio Lower Upper
59 100
52 198.4 0.2 0.4

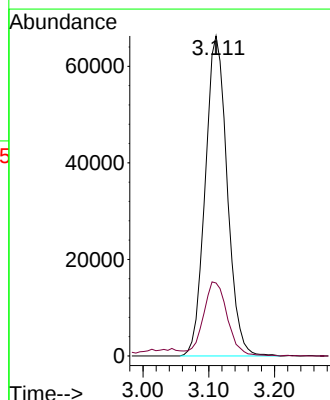
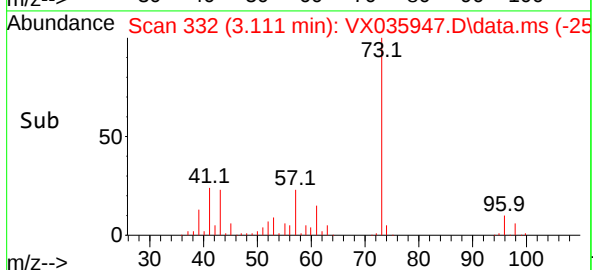
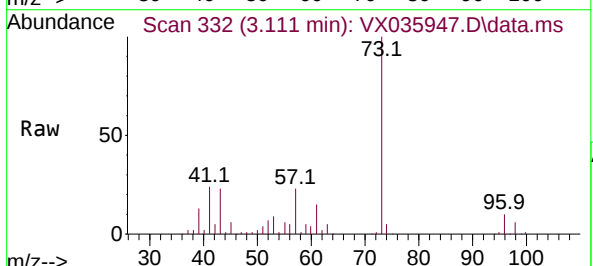
Manual Integrations
APPROVED

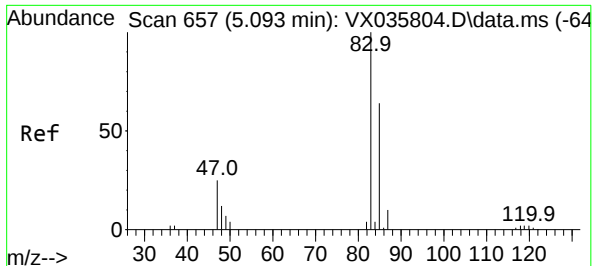
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#24
Methyl tert-Butyl Ether
Concen: 21.480 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Tgt Ion: 73 Resp: 154046
Ion Ratio Lower Upper
73 100
43 25.4 17.9 26.9





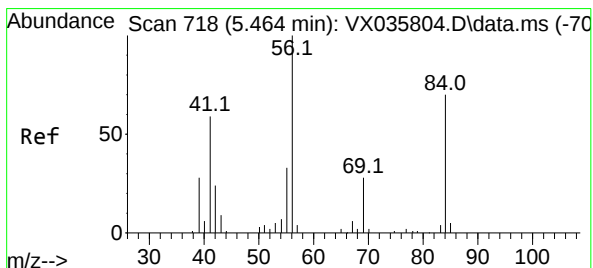
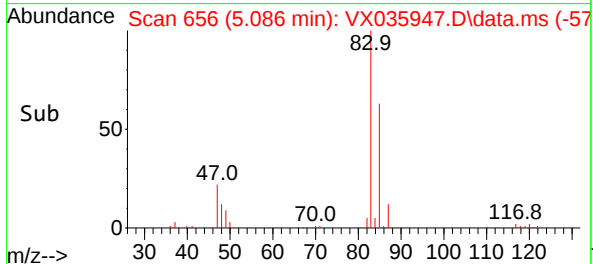
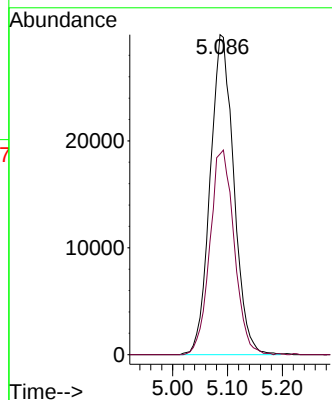
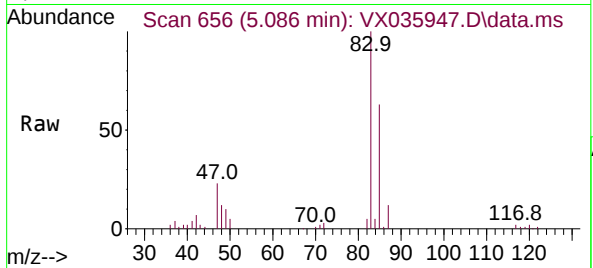
#25
Chloroform
Concen: 21.507 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 8964
Ion Ratio Lower Upper
83 100
85 62.7 51.2 76.8

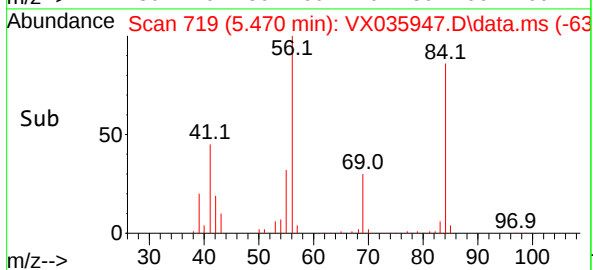
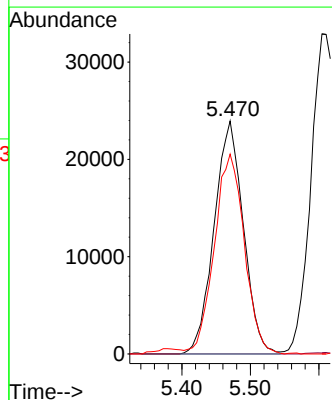
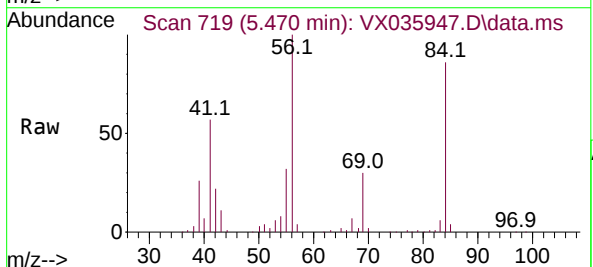
Manual Integrations
APPROVED

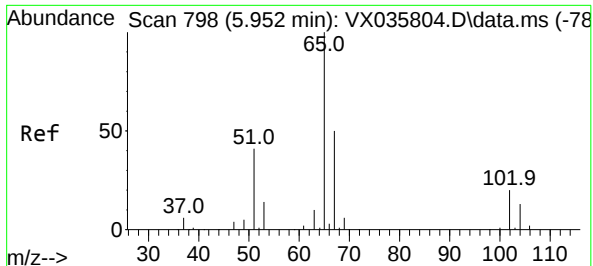
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#26
Cyclohexane
Concen: 23.105 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Tgt Ion: 56 Resp: 70978
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.1 67.4 101.2





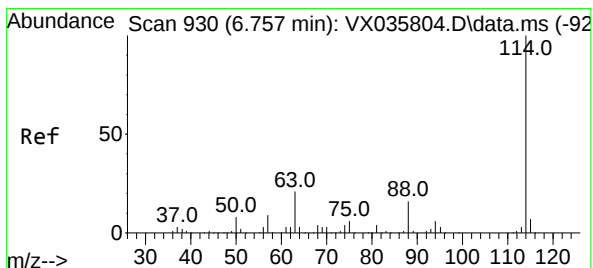
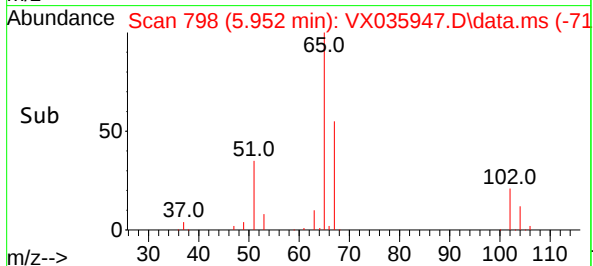
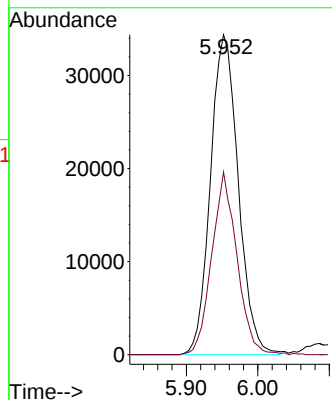
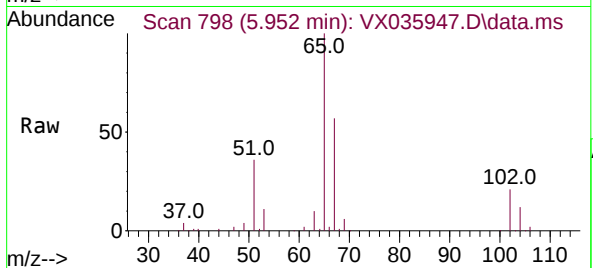
#27
1,2-Dichloroethane-d4
Concen: 31.499 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 65 Resp: 92900
Ion Ratio Lower Upper
65 100
67 51.7 40.9 61.3

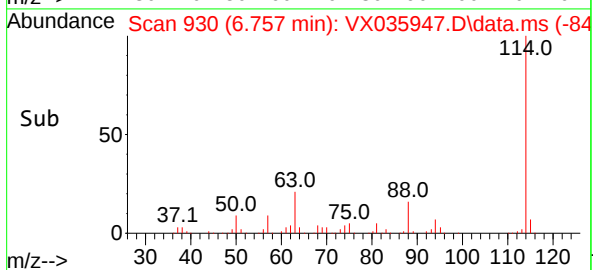
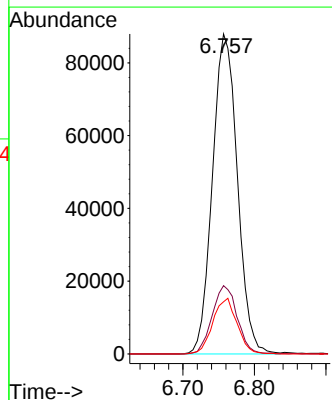
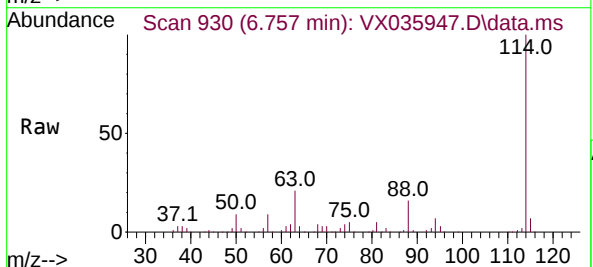
Manual Integrations
APPROVED

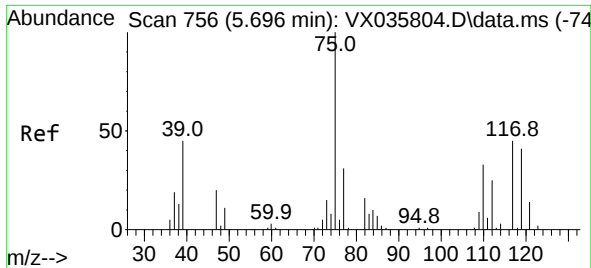
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Tgt Ion:114 Resp: 213135
Ion Ratio Lower Upper
114 100
63 21.3 18.0 27.0
88 16.9 13.3 19.9





#29

1,1-Dichloropropene

Concen: 21.406 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX035947.D

Acq: 01 Jun 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 6353

Ion Ratio Lower Upper

75 100

110 34.2 0.0 71.4

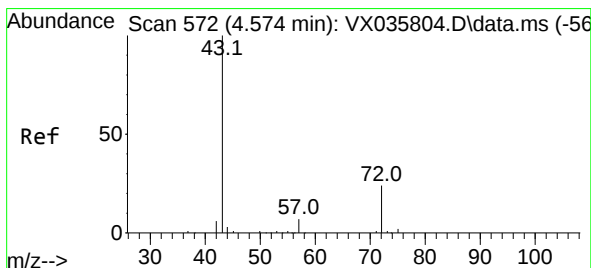
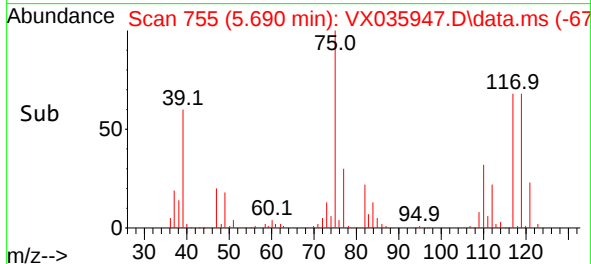
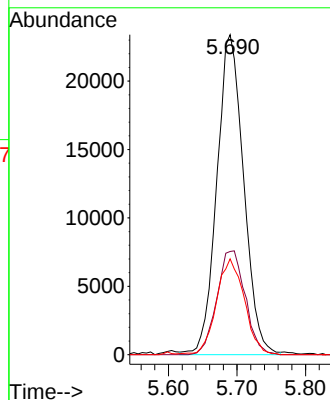
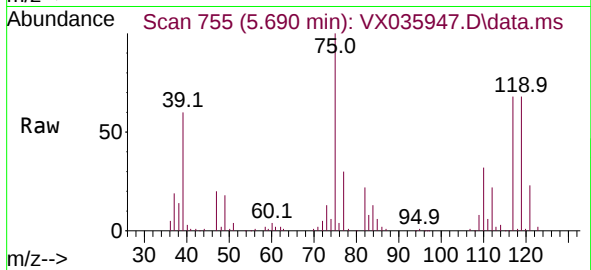
77 31.0 0.0 61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#30

2-Butanone

Concen: 103.335 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.006 min

Lab File: VX035947.D

Acq: 01 Jun 2023 09:56

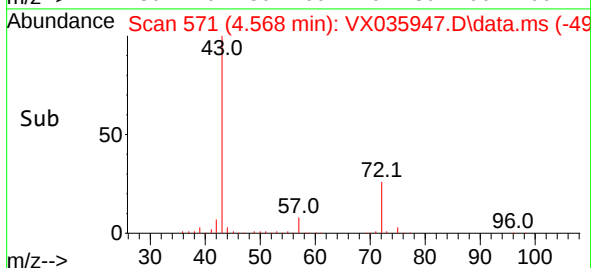
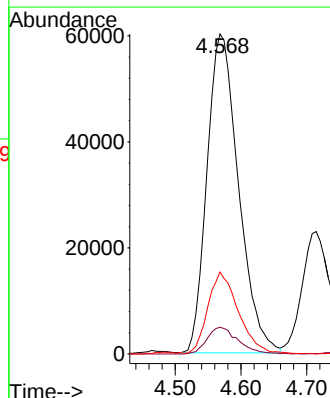
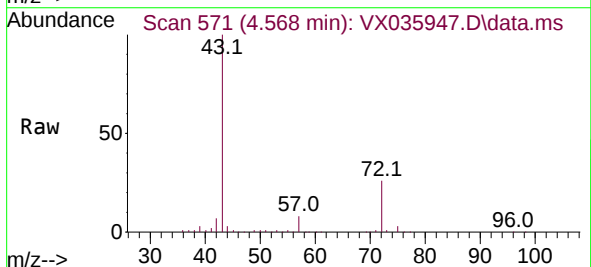
Tgt Ion: 43 Resp: 200768

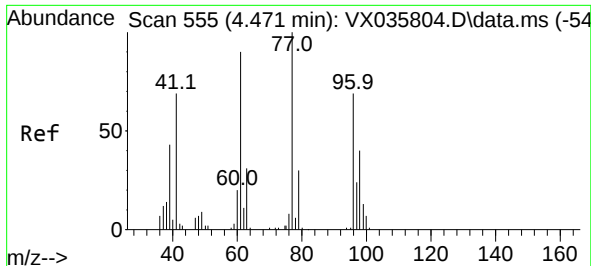
Ion Ratio Lower Upper

43 100

57 8.2 6.3 9.5

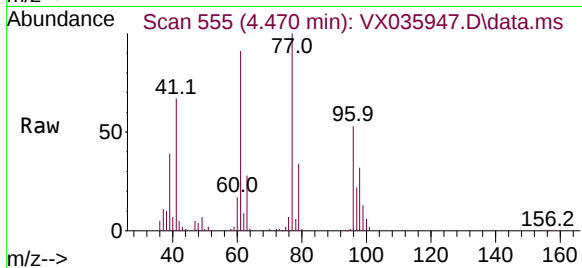
72 25.0 19.6 29.4





#31
2,2-Dichloropropane
Concen: 22.527 ug/l
RT: 4.470 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

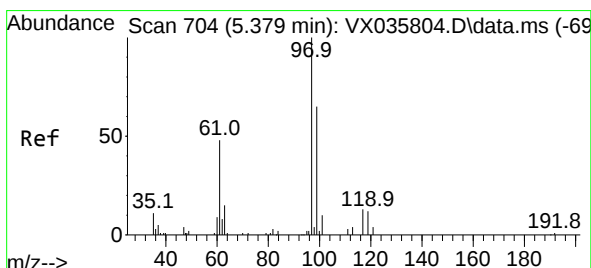
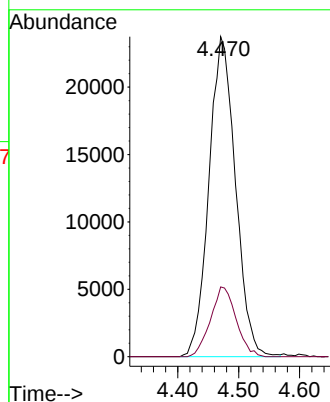
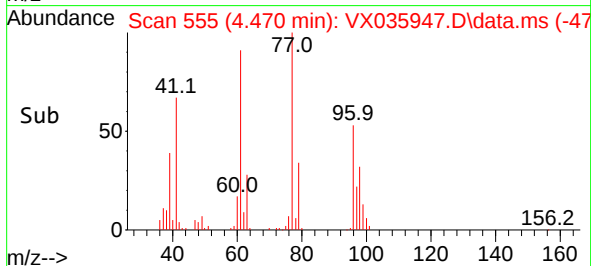
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



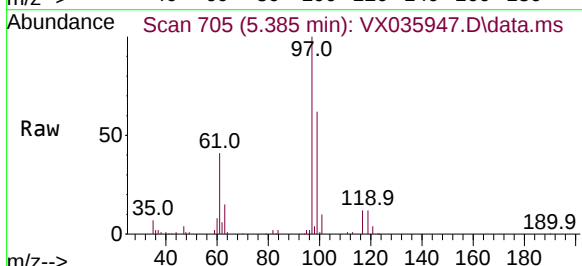
Tgt Ion: 77 Resp: 7183
Ion Ratio Lower Upper
77 100
97 21.0 18.2 27.4

Manual Integrations
APPROVED

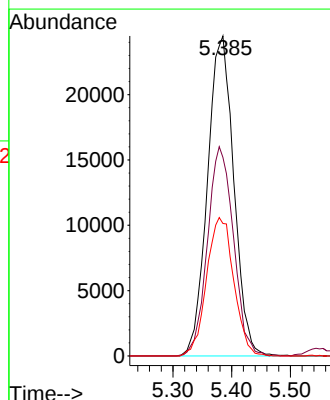
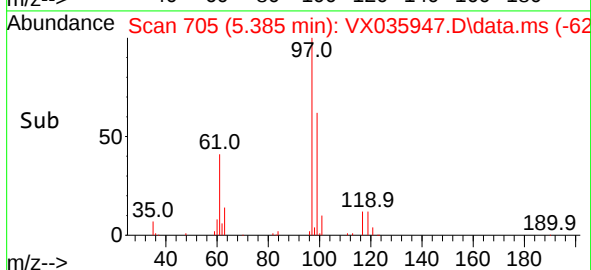
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

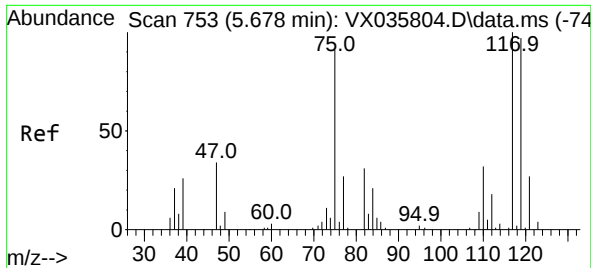


#32
1,1,1-Trichloroethane
Concen: 22.007 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56



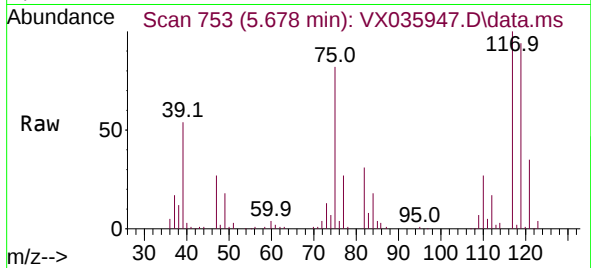
Tgt Ion: 97 Resp: 76275
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 44.7 36.6 55.0





#33
Carbon Tetrachloride
Concen: 23.371 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

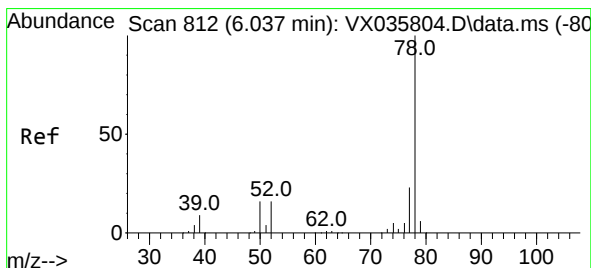
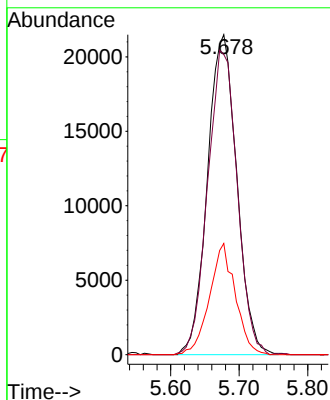
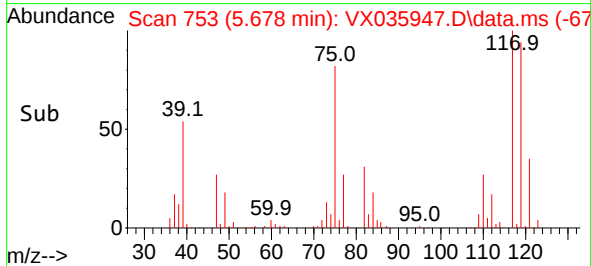
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



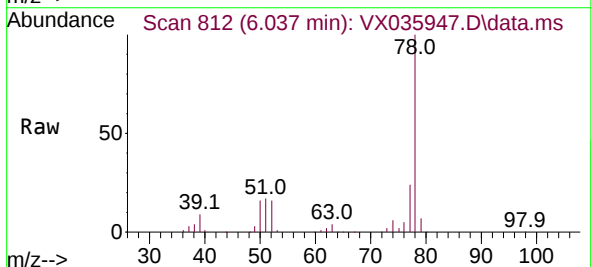
Tgt Ion:117 Resp: 6396
Ion Ratio Lower Upper
117 100
119 93.5 73.3 109.9
121 34.7 24.0 36.0

Manual Integrations
APPROVED

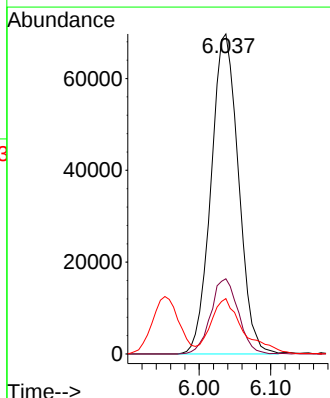
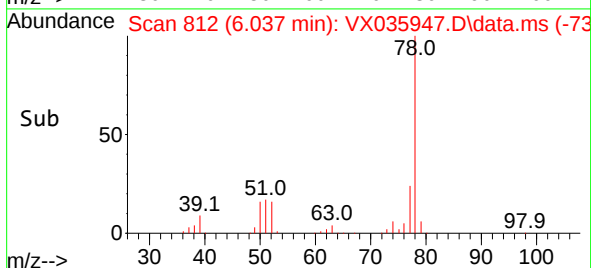
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

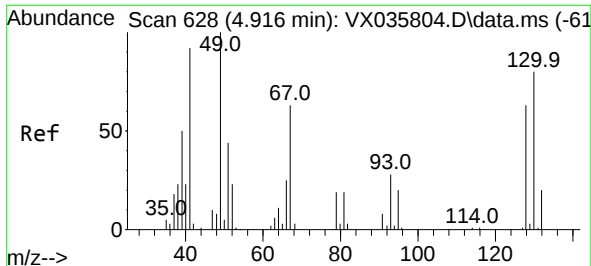


#34
Benzene
Concen: 19.813 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56



Tgt Ion: 78 Resp: 185510
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4
51 16.0 14.6 21.8





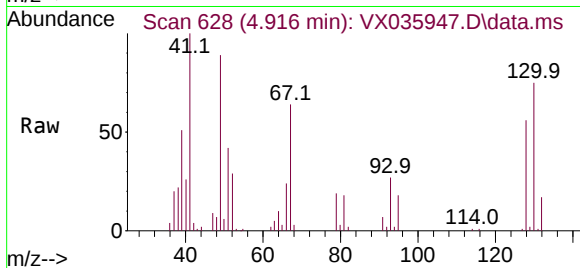
#35
Methacrylonitrile
Concen: 19.933 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



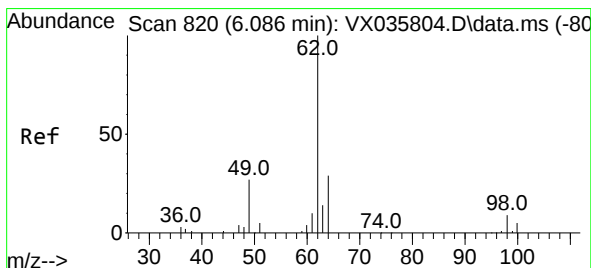
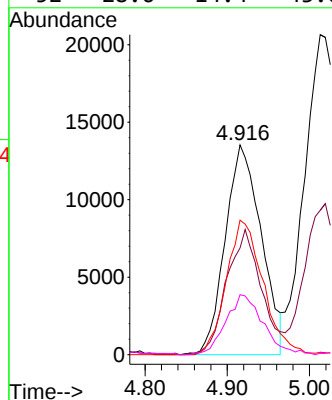
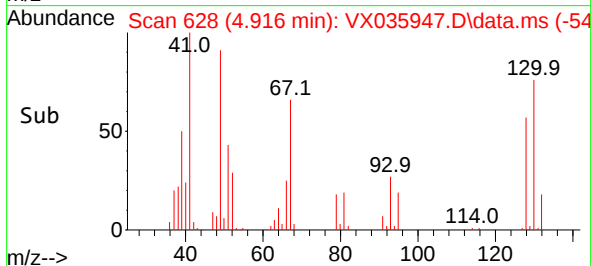
Tgt Ion: 41 Resp: 41320
Ion Ratio Lower Upper
41 100
39 50.8 28.0 84.0
67 64.2 31.6 94.7
52 28.6 14.4 43.0

Manual Integrations

APPROVED

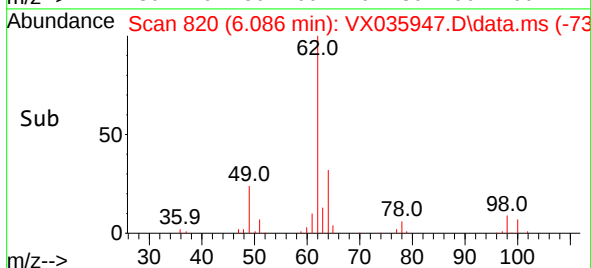
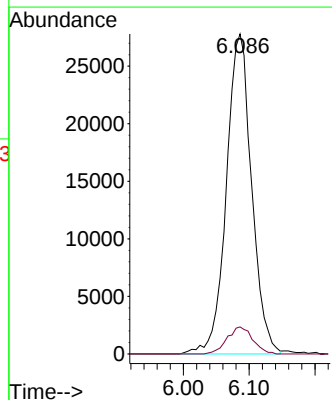
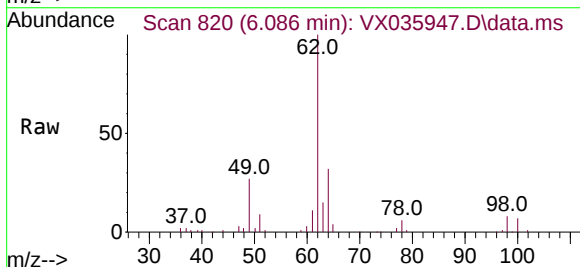
Reviewed By :John Carlone 06/02/2023

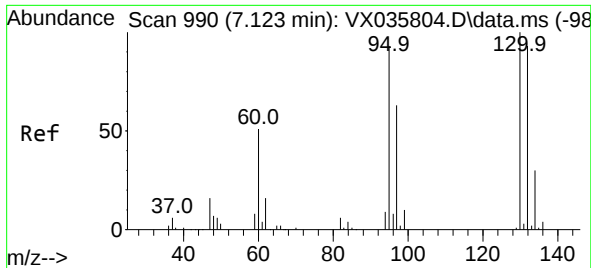
Supervised By :Semsettin Yesilyurt 06/02/2023



#36
1,2-Dichloroethane
Concen: 20.362 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

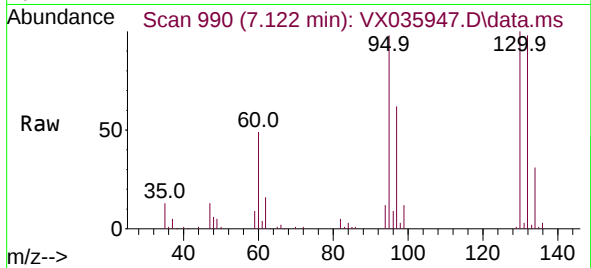
Tgt Ion: 62 Resp: 74199
Ion Ratio Lower Upper
62 100
98 8.6 7.0 10.6





#37
Trichloroethene
Concen: 20.199 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

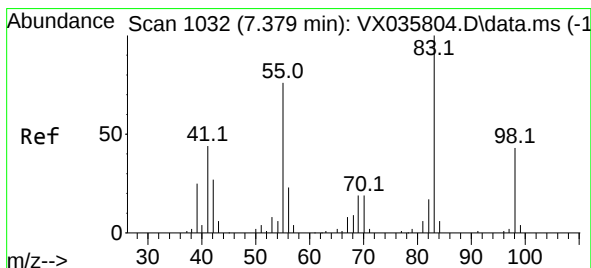
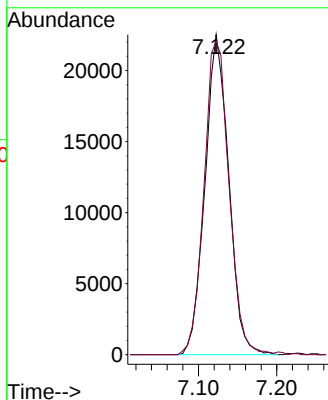
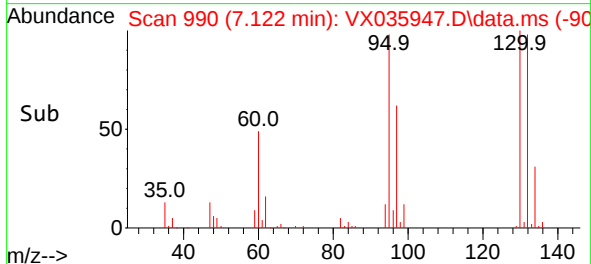
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



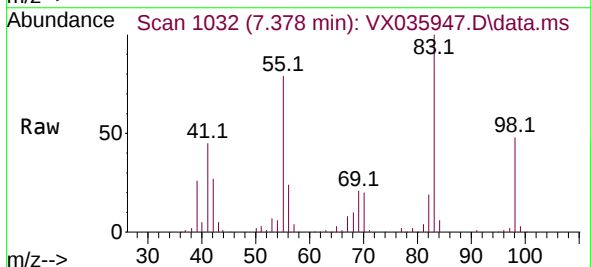
Tgt Ion:130 Resp: 47538
Ion Ratio Lower Upper
130 100
95 98.0 77.8 116.6

Manual Integrations
APPROVED

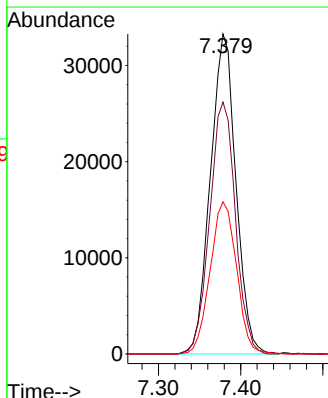
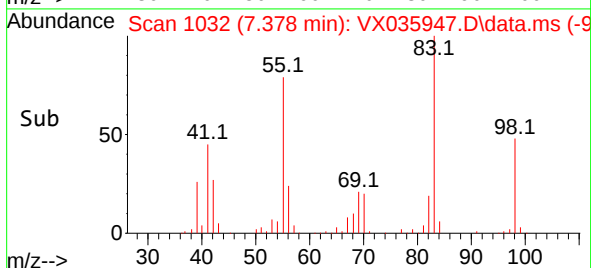
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

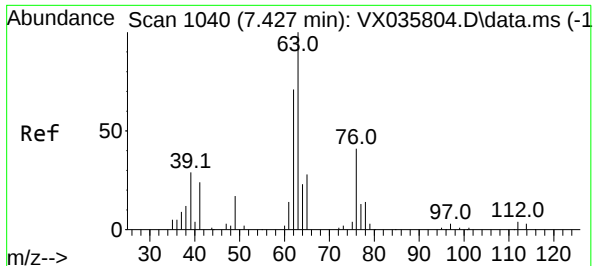


#38
Methylcyclohexane
Concen: 22.106 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56



Tgt Ion: 83 Resp: 71952
Ion Ratio Lower Upper
83 100
55 79.2 38.8 116.4
98 49.2 23.8 71.2





#39

1,2-Dichloropropane

Concen: 19.251 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX035947.D

Acq: 01 Jun 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 48518

Ion Ratio Lower Upper

63 100

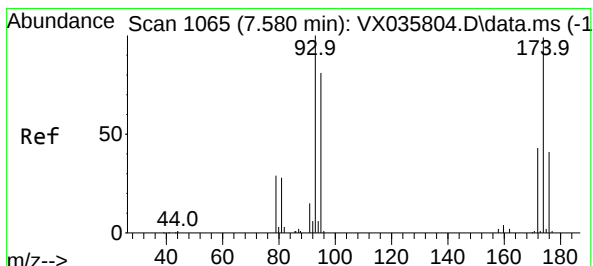
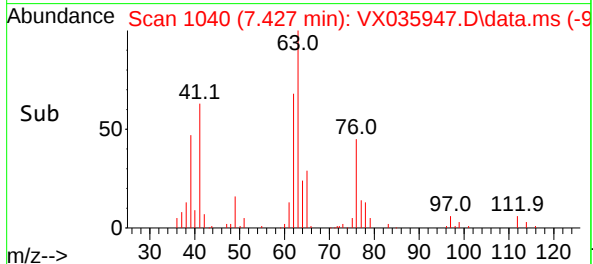
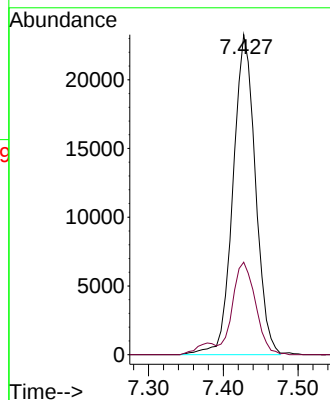
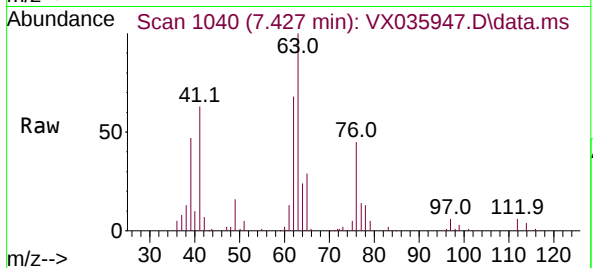
65 28.9 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#40

Dibromomethane

Concen: 19.544 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035947.D

Acq: 01 Jun 2023 09:56

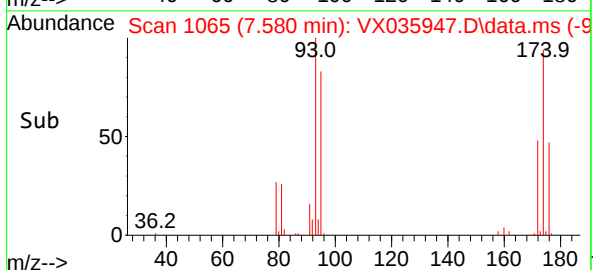
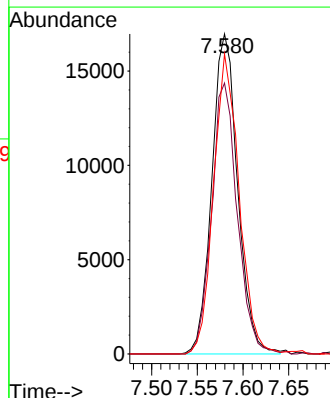
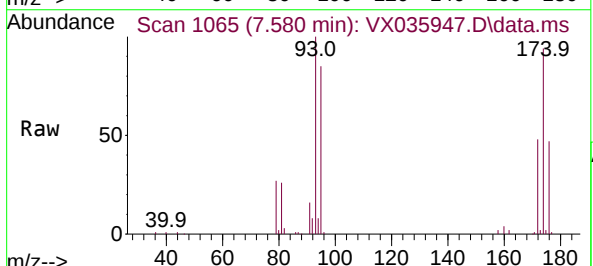
Tgt Ion: 93 Resp: 33313

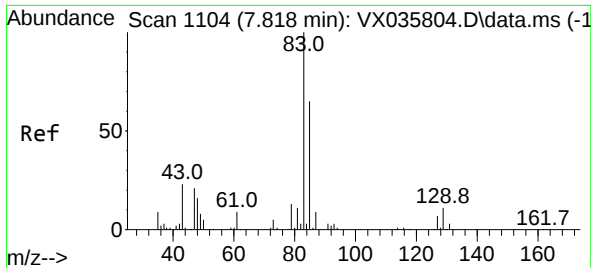
Ion Ratio Lower Upper

93 100

95 84.1 0.0 165.8

174 93.0 0.0 188.8





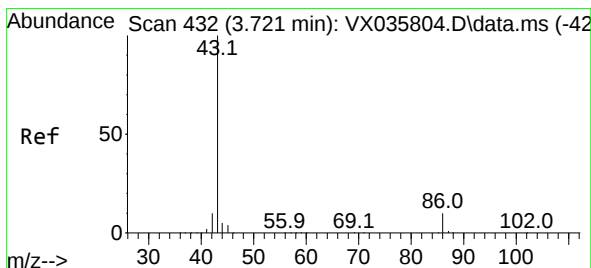
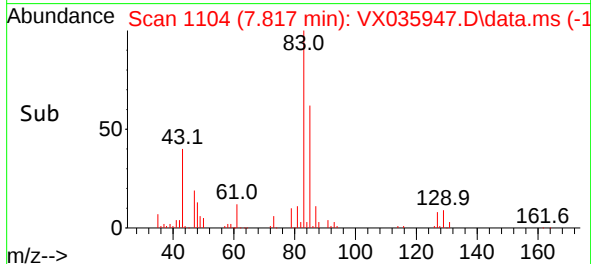
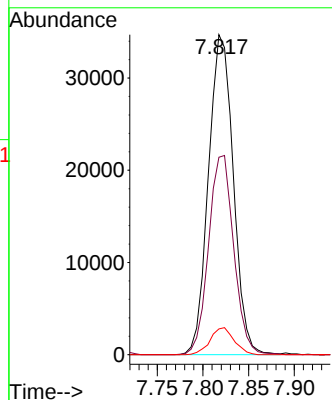
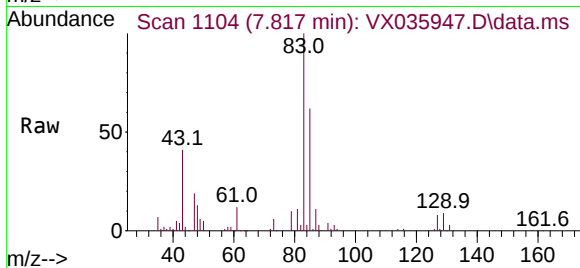
#41
Bromodichloromethane
Concen: 21.338 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 6575
Ion Ratio Lower Upper
83 100
85 61.6 51.1 76.7
127 9.0 8.2 12.4

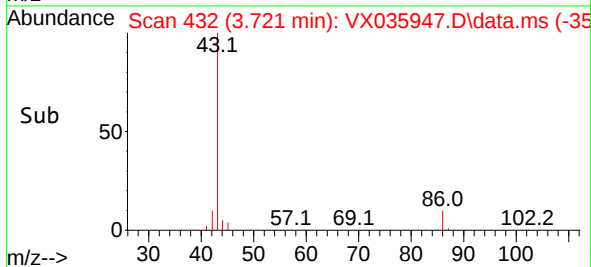
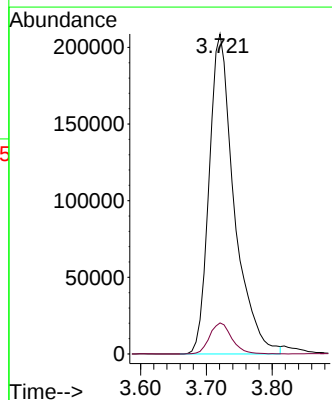
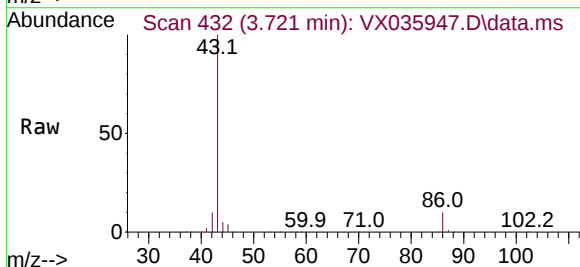
Manual Integrations
APPROVED

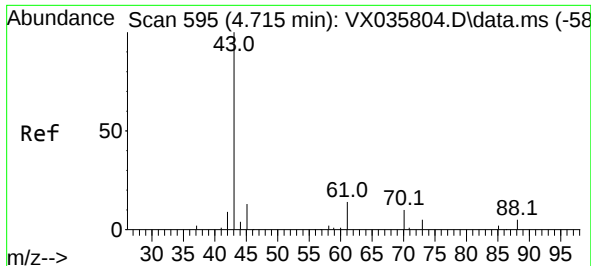
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#42
Vinyl Acetate
Concen: 97.309 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Tgt Ion: 43 Resp: 555337
Ion Ratio Lower Upper
43 100
86 8.6 6.9 10.3





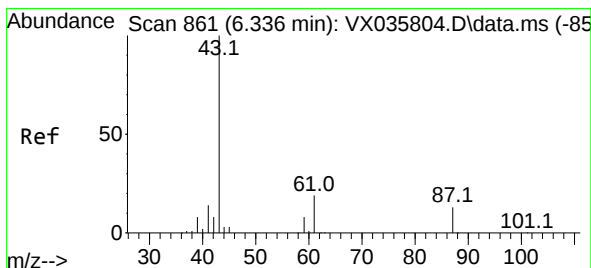
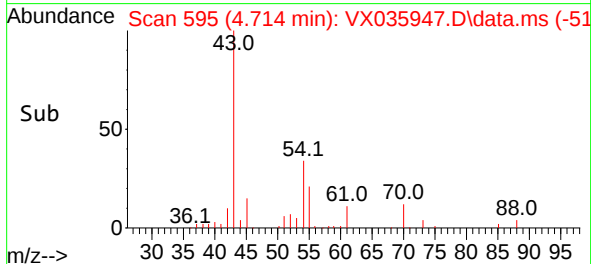
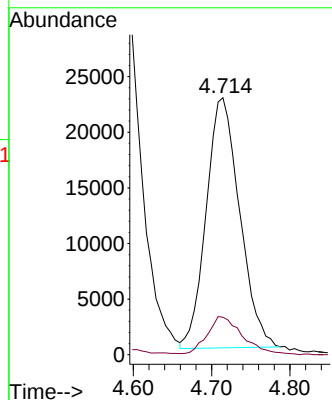
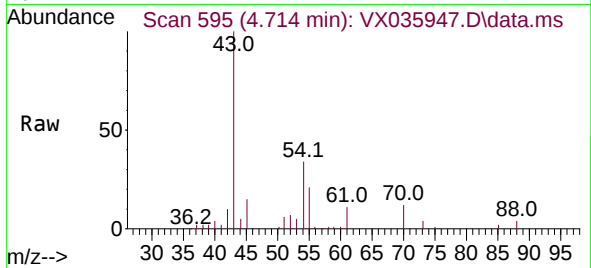
#43
Ethyl Acetate
Concen: 18.029 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 66802
Ion Ratio Lower Upper
43 100
45 16.2 12.0 18.0

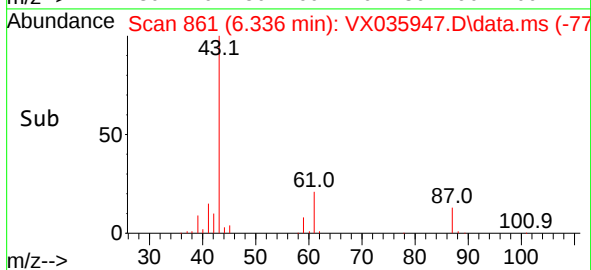
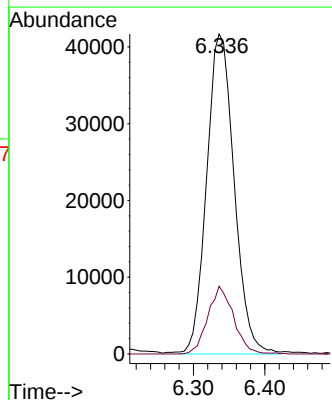
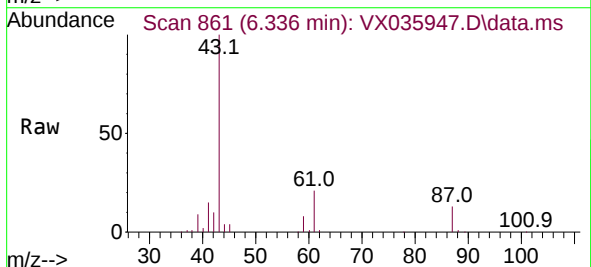
Manual Integrations
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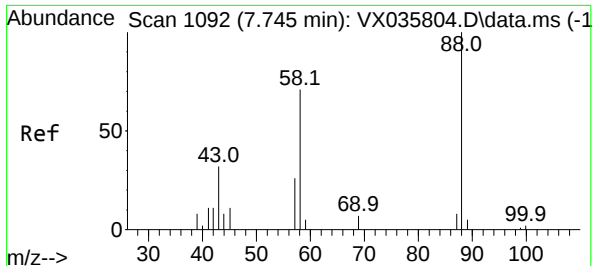
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#44
Isopropyl Acetate
Concen: 18.466 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Tgt Ion: 43 Resp: 111531
Ion Ratio Lower Upper
43 100
61 19.7 15.4 23.0





#45

1,4-Dioxane

Concen: 446.343 ug/l m

RT: 7.738 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VX035947.D

Acq: 01 Jun 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 88 Resp: 2560

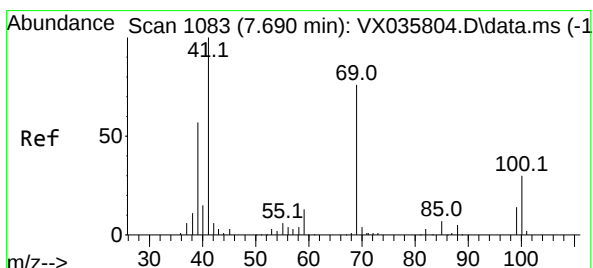
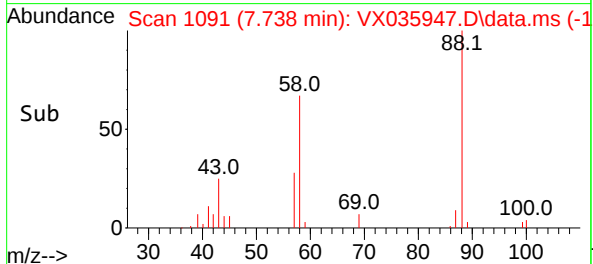
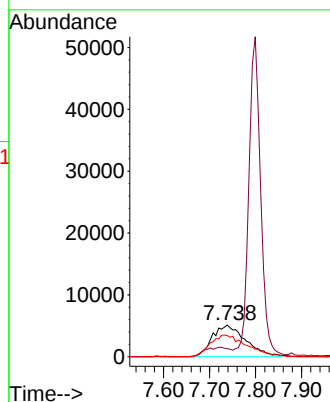
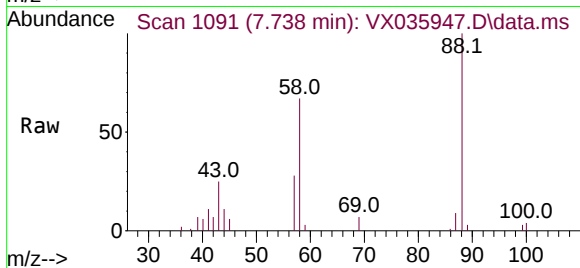
Ion	Ratio	Lower	Upper
88	100		
43	13.4	26.5	39.7
58	40.5	55.6	83.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#46

Methyl methacrylate

Concen: 19.021 ug/l

RT: 7.689 min Scan# 1083

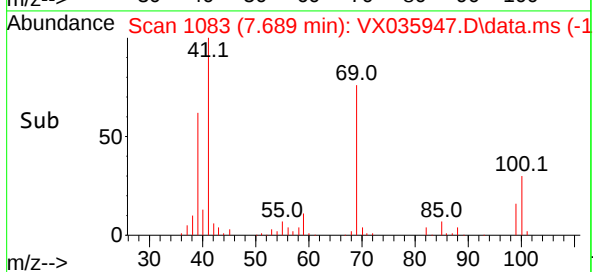
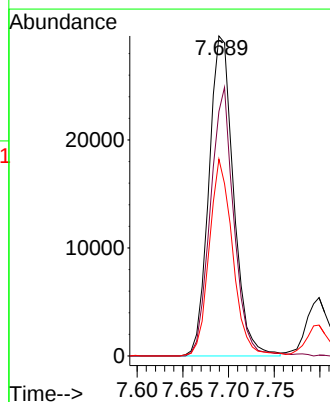
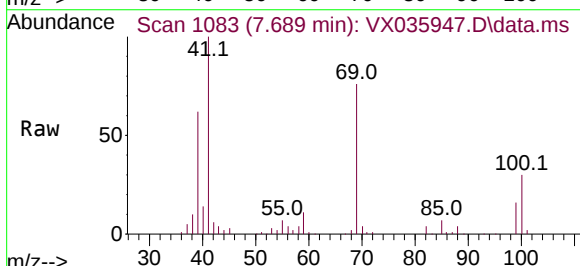
Delta R.T. -0.000 min

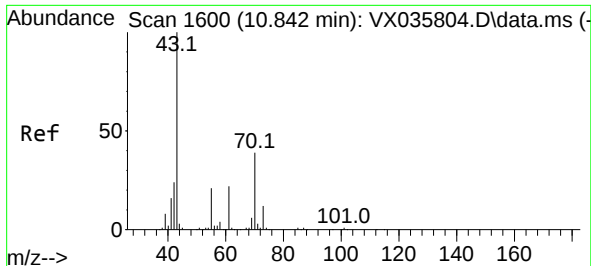
Lab File: VX035947.D

Acq: 01 Jun 2023 09:56

Tgt Ion: 41 Resp: 55508

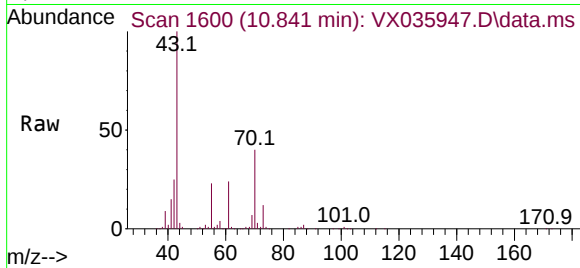
Ion	Ratio	Lower	Upper
41	100		
69	76.4	38.1	114.5
39	61.5	31.4	94.3





#47
n-amyl acetate
Concen: 18.115 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

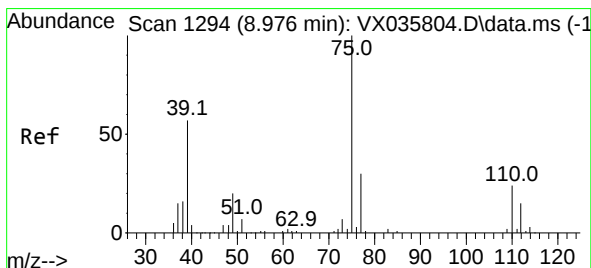
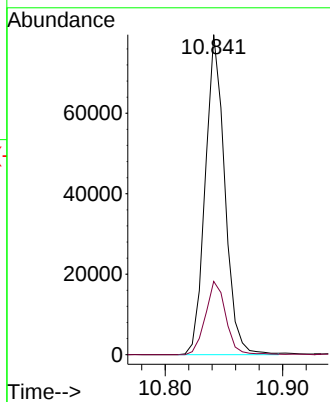
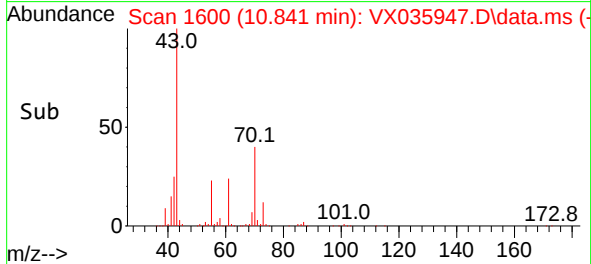
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 91902
Ion Ratio Lower Upper
43 100
55 23.7 18.6 28.0

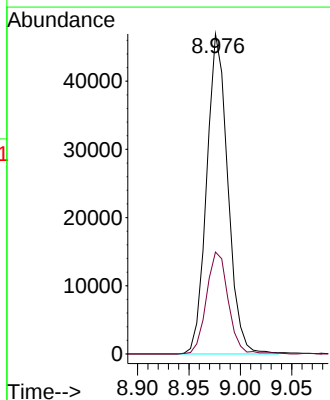
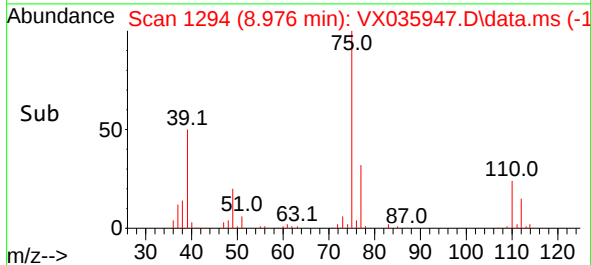
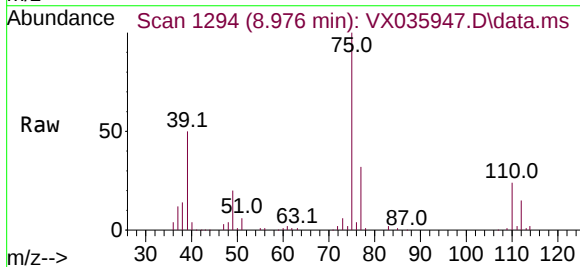
Manual Integrations
APPROVED

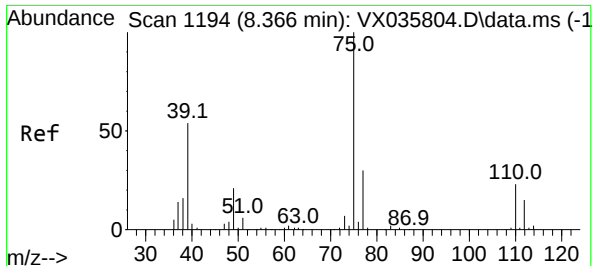
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#48
t-1,3-Dichloropropene
Concen: 19.744 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Tgt Ion: 75 Resp: 67307
Ion Ratio Lower Upper
75 100
77 31.8 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 20.192 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX035947.D

Acq: 01 Jun 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 7596

Ion Ratio Lower Upper

75 100

77 29.4 24.6 37.0

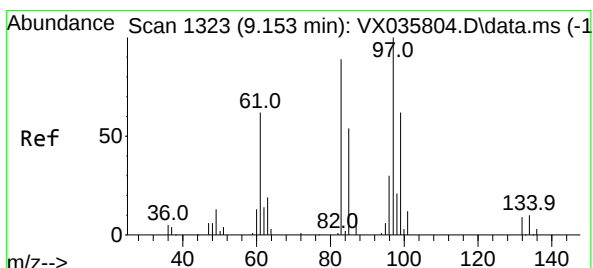
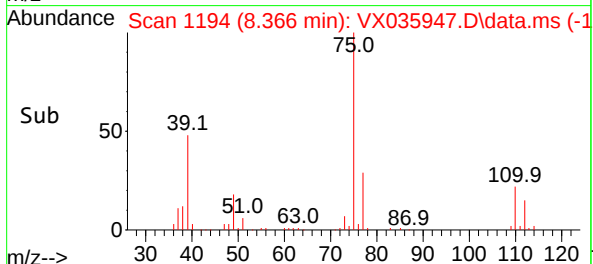
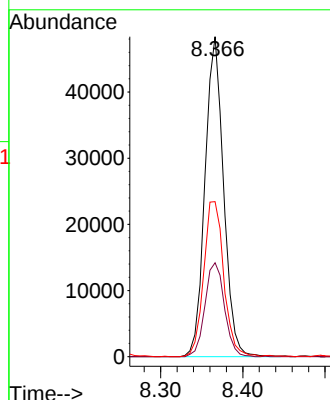
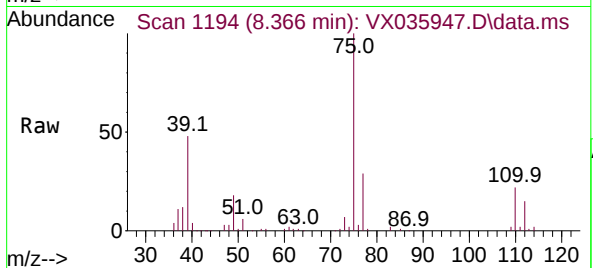
39 48.4 44.2 66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#50

1,1,2-Trichloroethane

Concen: 20.224 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX035947.D

Acq: 01 Jun 2023 09:56

Tgt Ion: 97 Resp: 49318

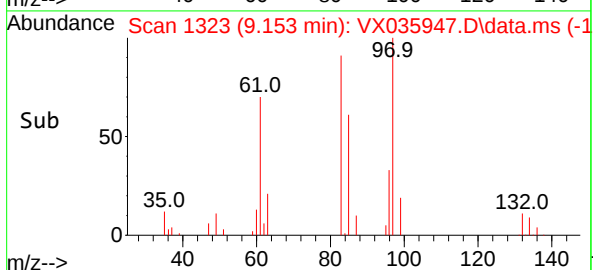
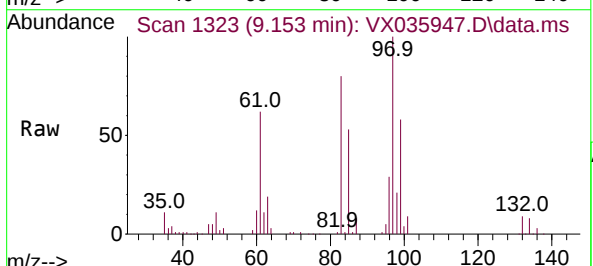
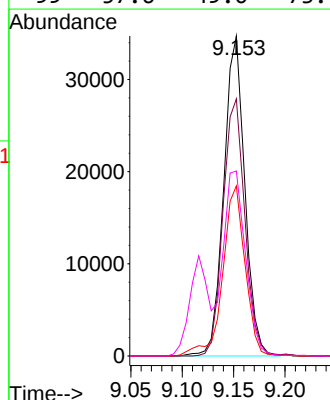
Ion Ratio Lower Upper

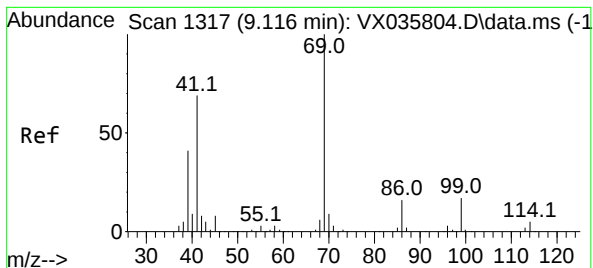
97 100

83 80.4 68.9 103.3

85 52.9 44.0 66.0

99 57.6 49.0 73.4





#51

Ethyl methacrylate

Concen: 19.233 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX035947.D

Acq: 01 Jun 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 69 Resp: 72298

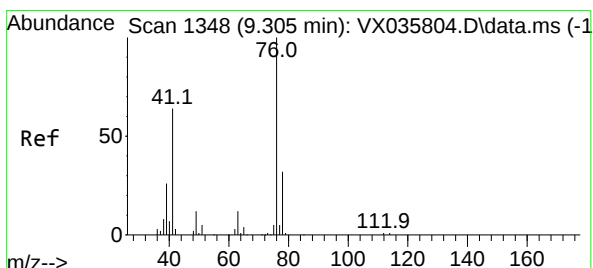
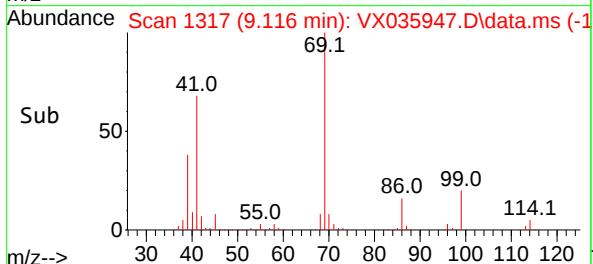
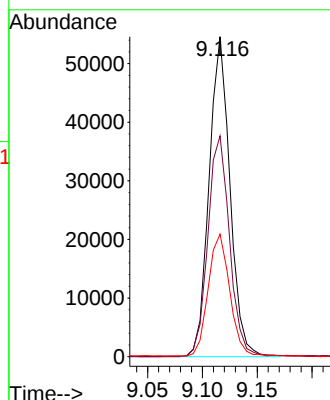
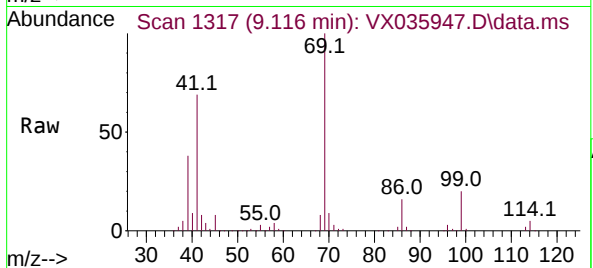
Ion	Ratio	Lower	Upper
69	100		
41	68.8	36.2	108.6
39	38.1	21.2	63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#52

1,3-Dichloropropane

Concen: 19.943 ug/l

RT: 9.305 min Scan# 1348

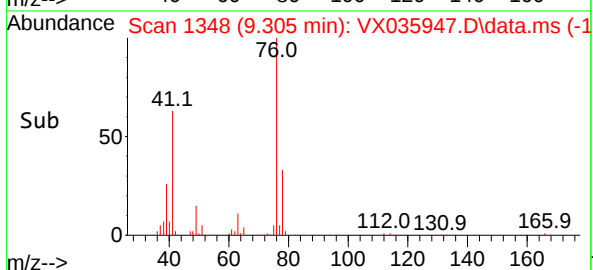
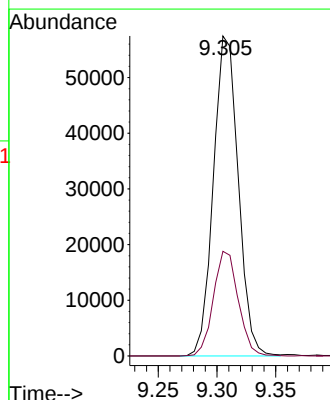
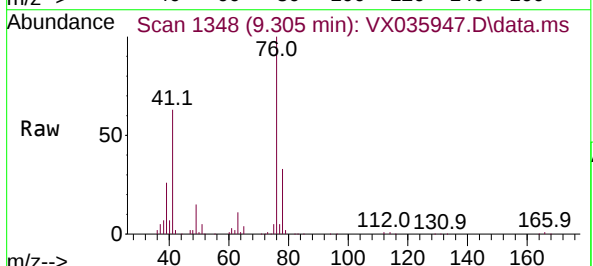
Delta R.T. -0.000 min

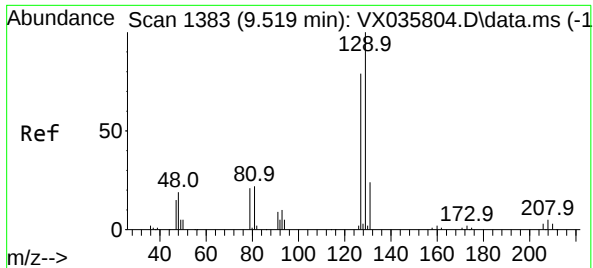
Lab File: VX035947.D

Acq: 01 Jun 2023 09:56

Tgt Ion: 76 Resp: 84751

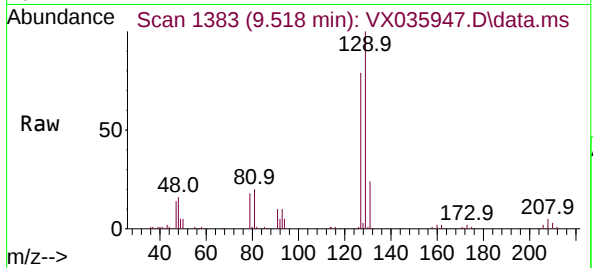
Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	63.8





#53
Dibromochloromethane
Concen: 21.006 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

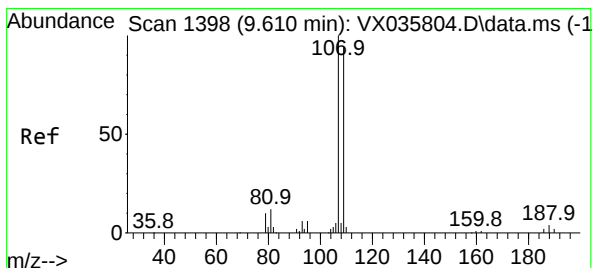
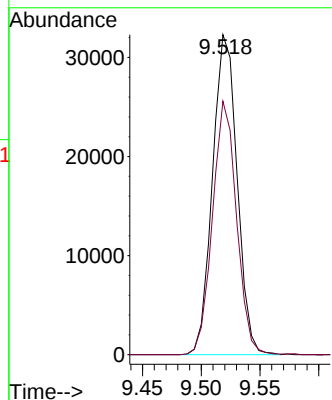
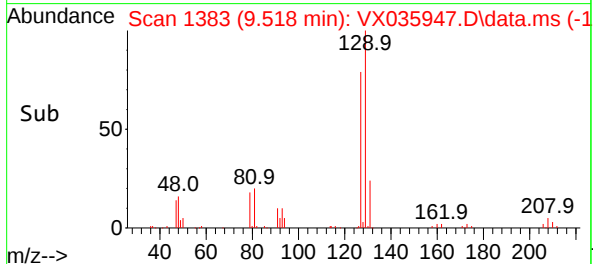
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:129 Resp: 46978
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.5

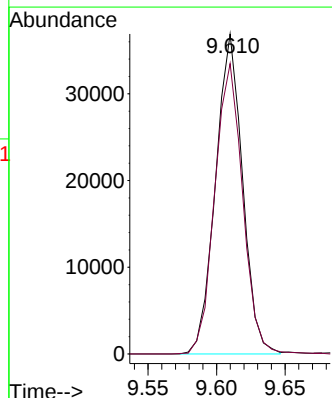
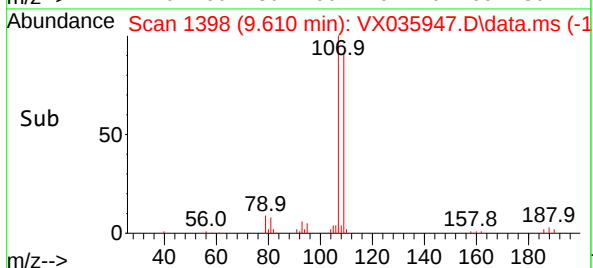
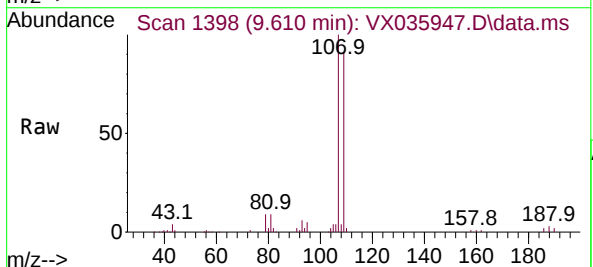
Manual Integrations
APPROVED

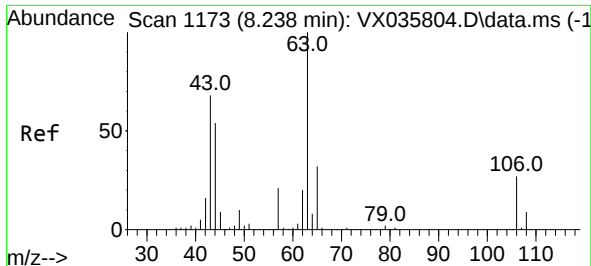
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#54
1,2-Dibromoethane
Concen: 19.920 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Tgt Ion:107 Resp: 50468
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.2





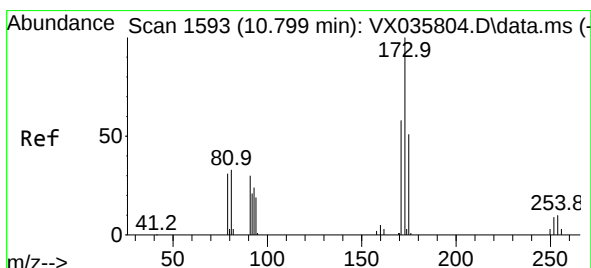
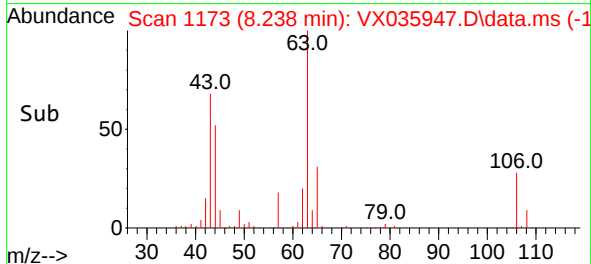
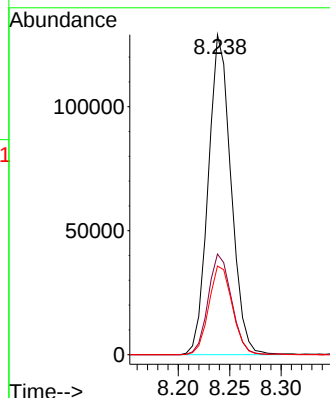
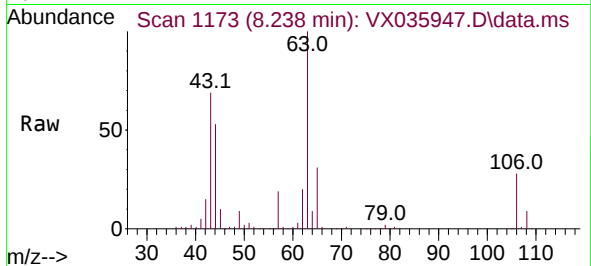
#55
2-Chloroethyl vinyl ether
Concen: 99.748 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 198989
Ion Ratio Lower Upper
63 100
65 32.1 25.4 38.2
106 28.6 21.6 32.4

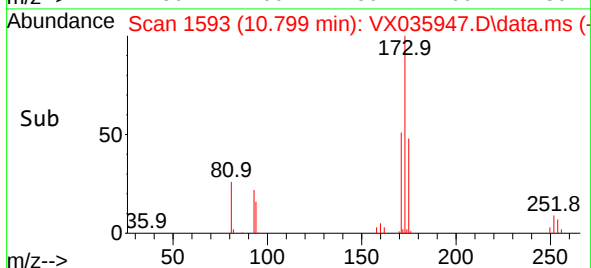
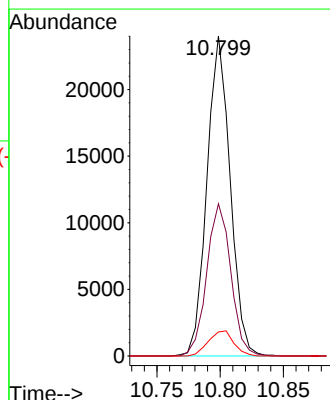
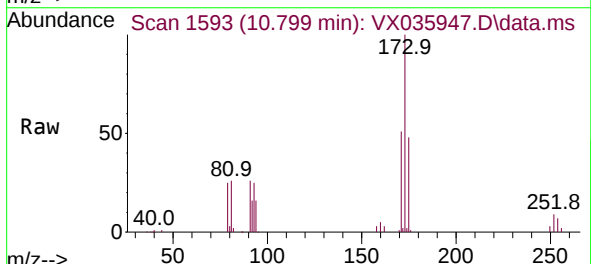
Manual Integrations
APPROVED

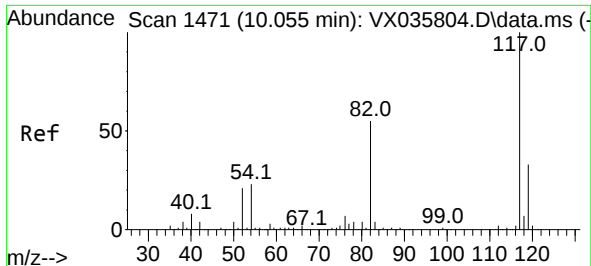
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#56
Bromoform
Concen: 21.111 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Tgt Ion:173 Resp: 30606
Ion Ratio Lower Upper
173 100
175 49.5 37.0 55.4
254 8.6 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: VX035947.D
Acq: 01 Jun 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

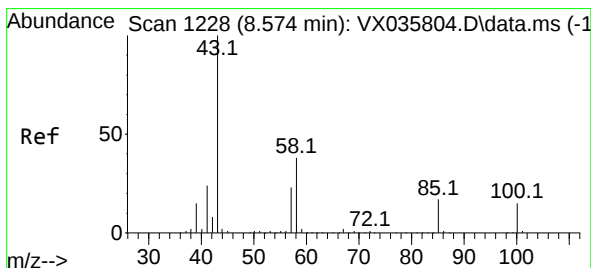
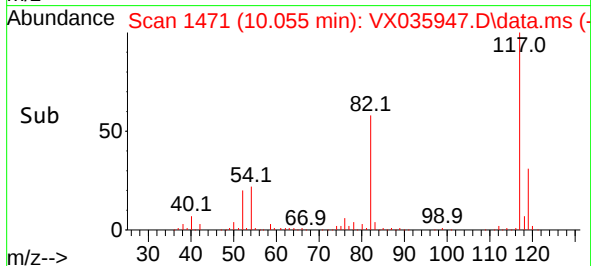
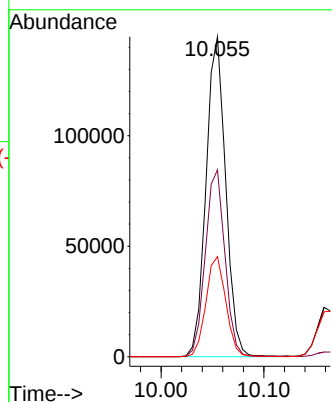
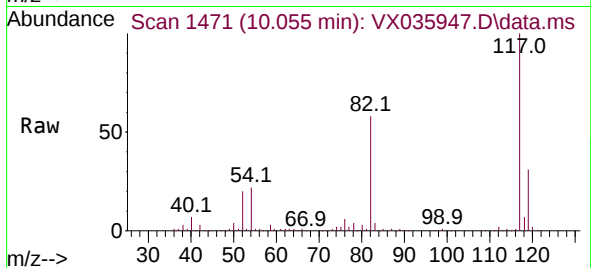
VSTDCCC020

Tgt Ion:117 Resp: 192307
Ion Ratio Lower Upper
117 100
82 58.2 45.8 68.8
119 31.7 25.4 38.0

Manual Integrations

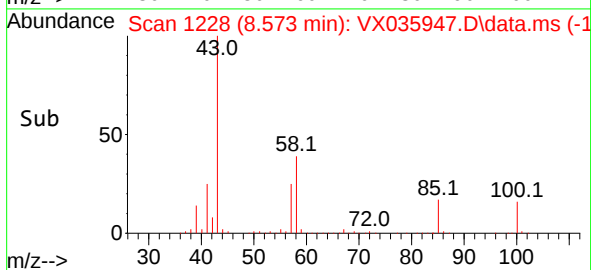
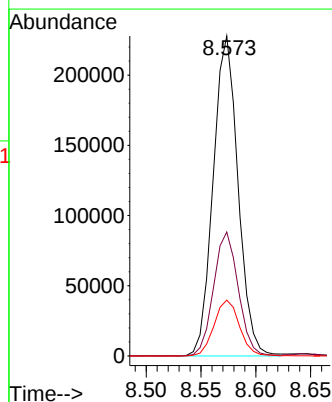
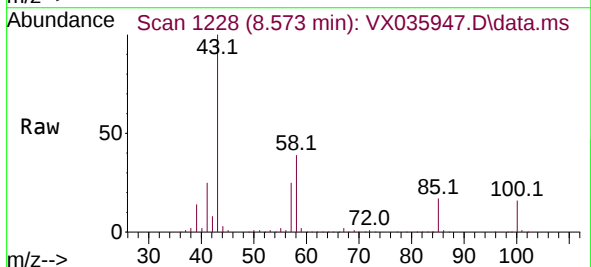
APPROVED

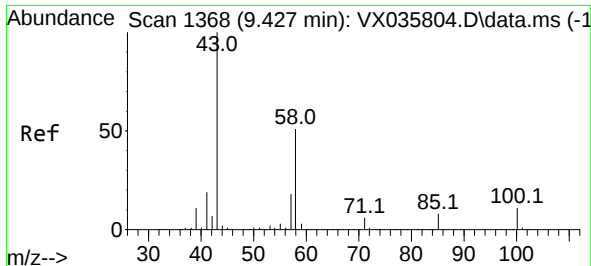
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#58
4-Methyl-2-Pentanone
Concen: 96.161 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Tgt Ion: 43 Resp: 359192
Ion Ratio Lower Upper
43 100
58 38.6 29.9 44.9
85 17.8 13.2 19.8





#59

2-Hexanone

Concen: 98.777 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX035947.D

Acq: 01 Jun 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 277624

Ion Ratio Lower Upper

43 100

58 53.7 41.7 62.5

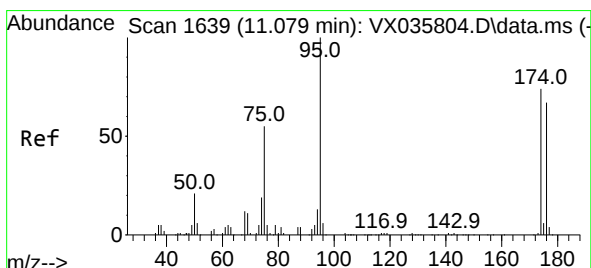
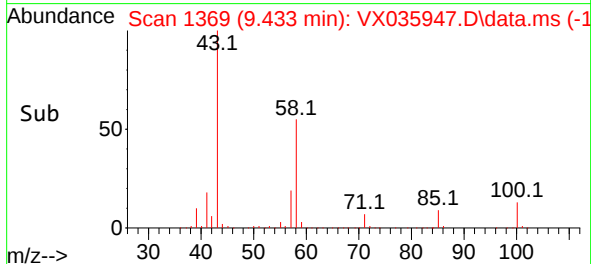
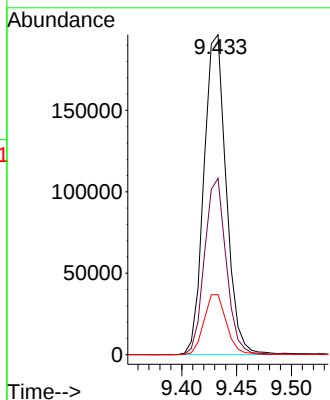
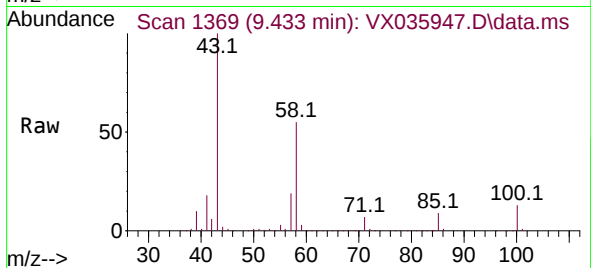
57 19.0 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#60

4-Bromofluorobenzene

Concen: 31.260 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX035947.D

Acq: 01 Jun 2023 09:56

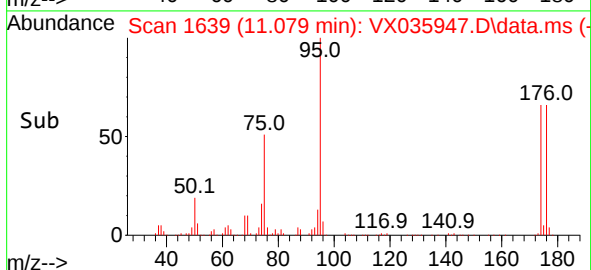
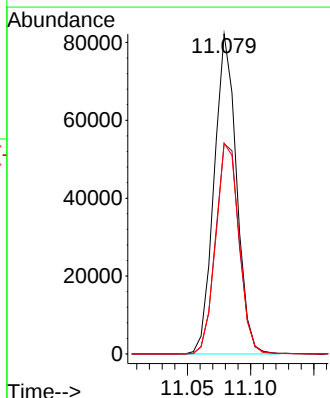
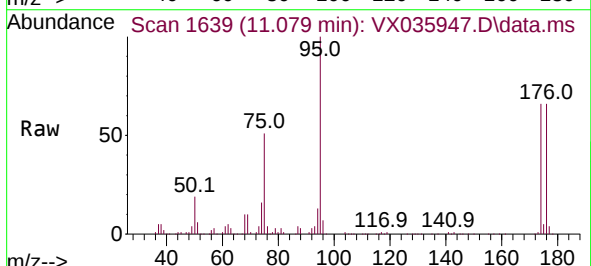
Tgt Ion: 95 Resp: 100871

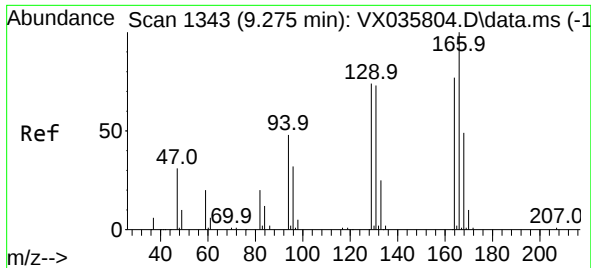
Ion Ratio Lower Upper

95 100

174 69.1 0.2 0.4#

176 68.5 0.2 0.2#





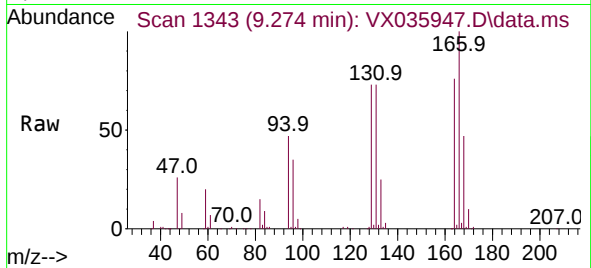
#61
Tetrachloroethene
Concen: 21.982 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



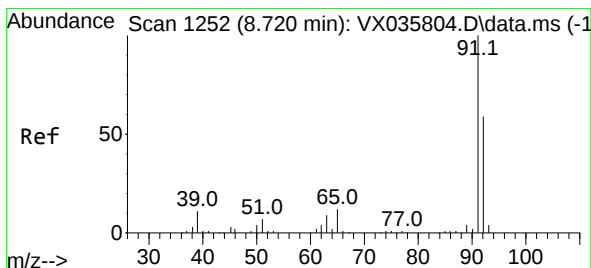
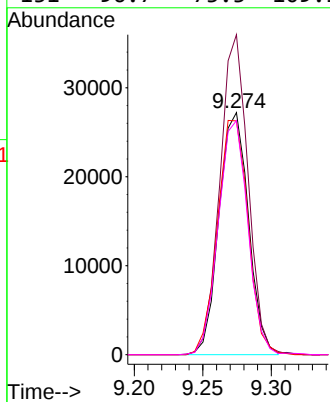
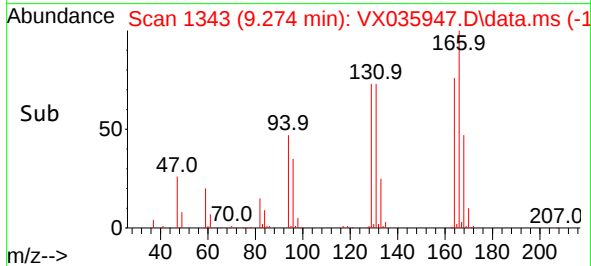
Tgt Ion:164 Resp: 4071
Ion Ratio Lower Upper
164 100
166 132.2 100.1 150.1
129 96.6 79.1 118.7
131 96.7 73.3 109.9

Manual Integrations

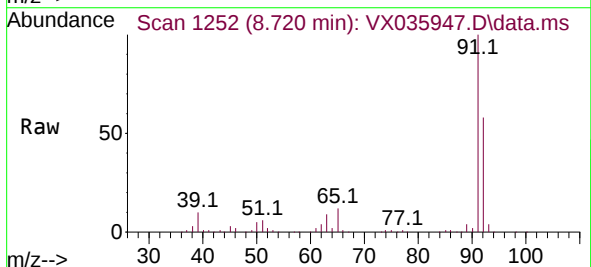
APPROVED

Reviewed By :John Carlone 06/02/2023

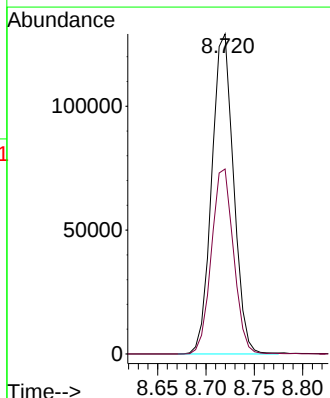
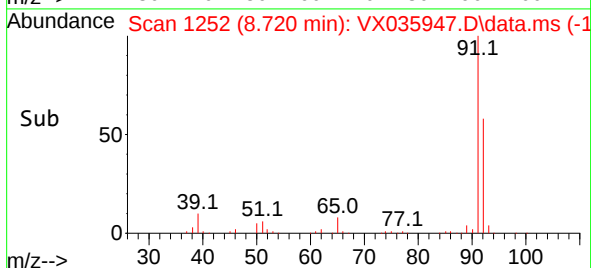
Supervised By :Semsettin Yesilyurt 06/02/2023

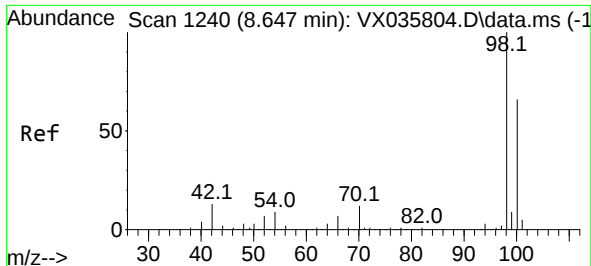


#62
Toluene
Concen: 20.470 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56



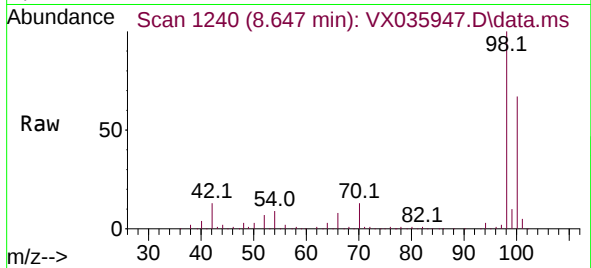
Tgt Ion: 91 Resp: 202726
Ion Ratio Lower Upper
91 100
92 58.6 46.5 69.7





#63
Toluene-d8
Concen: 30.007 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

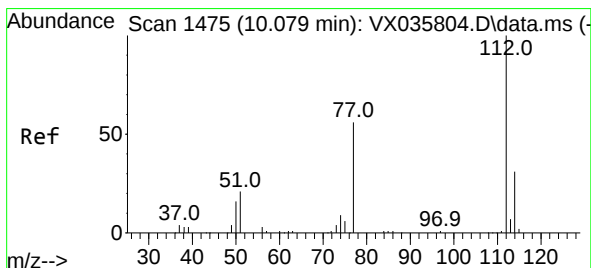
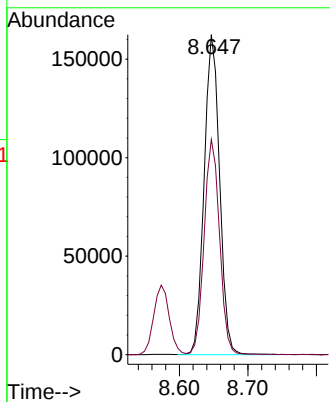
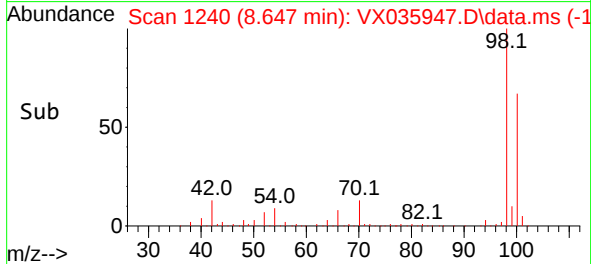
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



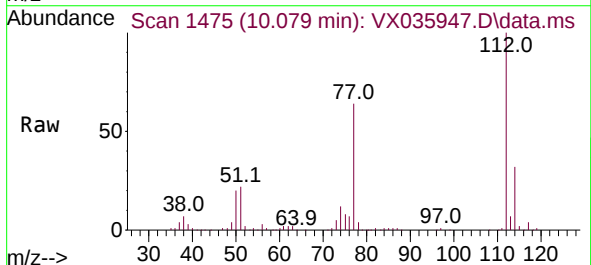
Tgt Ion: 98 Resp: 255100
Ion Ratio Lower Upper
98 100
100 66.6 52.1 78.1

Manual Integrations
APPROVED

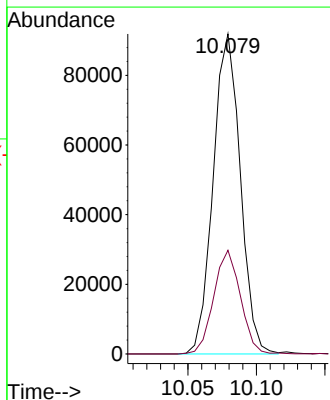
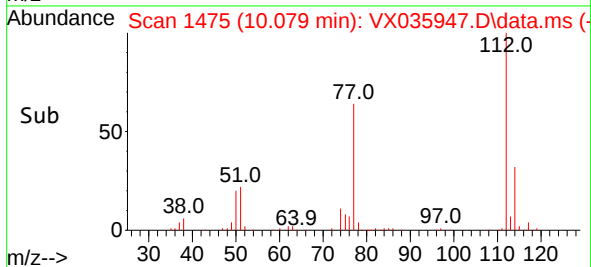
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

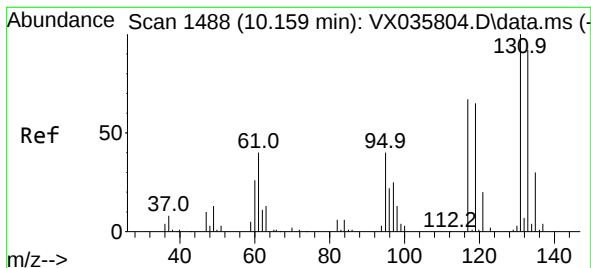


#64
Chlorobenzene
Concen: 20.167 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56



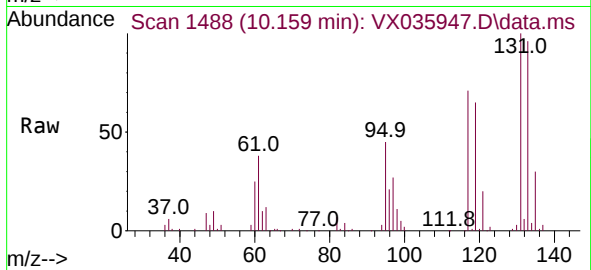
Tgt Ion:112 Resp: 126485
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8





#65
1,1,1,2-Tetrachloroethane
Concen: 20.247 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

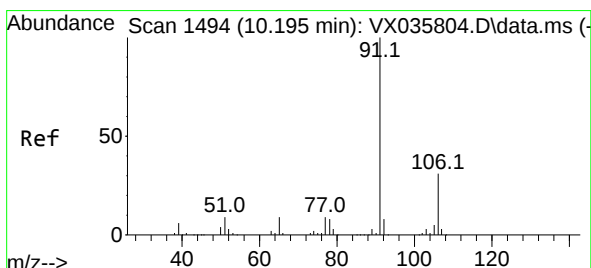
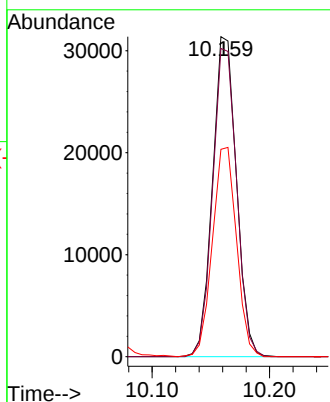
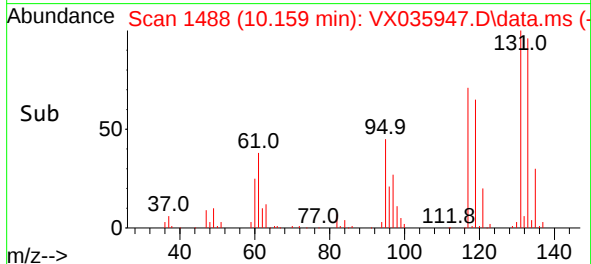
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:131 Resp: 44397
Ion Ratio Lower Upper
131 100
133 96.6 0.0 186.6
119 65.9 0.0 128.6

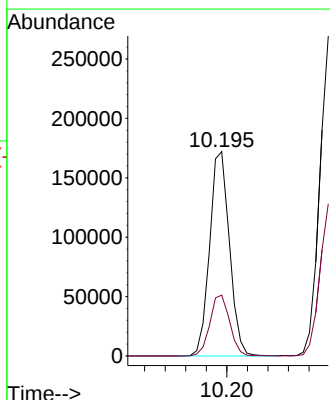
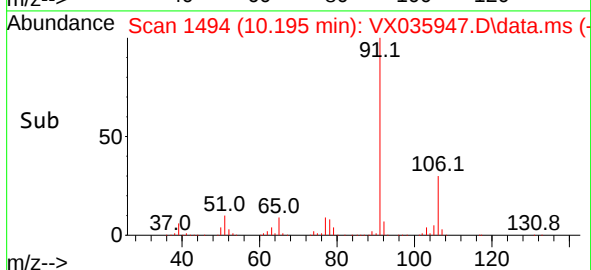
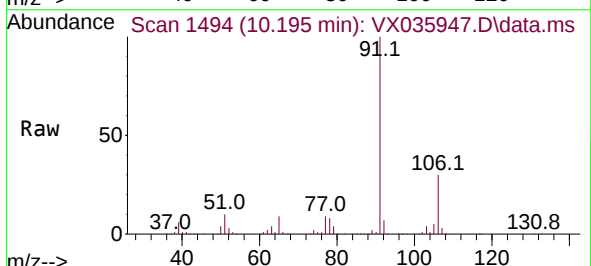
Manual Integrations
APPROVED

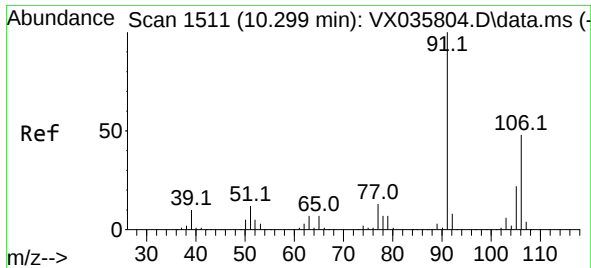
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#66
Ethyl Benzene
Concen: 20.755 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Tgt Ion: 91 Resp: 229877
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6





#67

m/p-Xylenes

Concen: 42.108 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX035947.D

Acq: 01 Jun 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:106 Resp: 176520

Ion Ratio Lower Upper

106 100

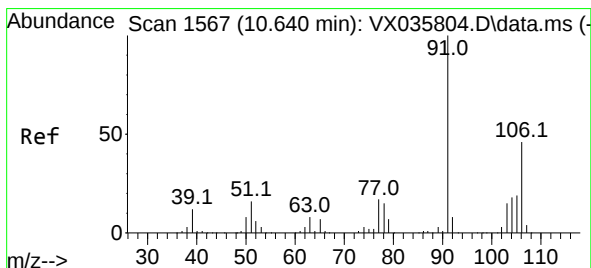
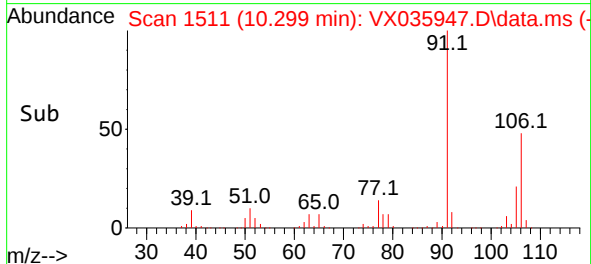
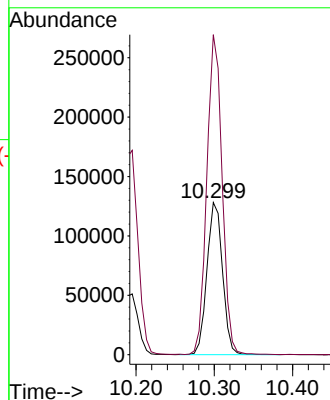
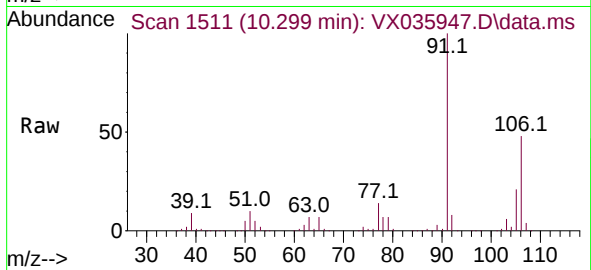
91 206.0 167.4 251.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#68

o-Xylene

Concen: 20.728 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX035947.D

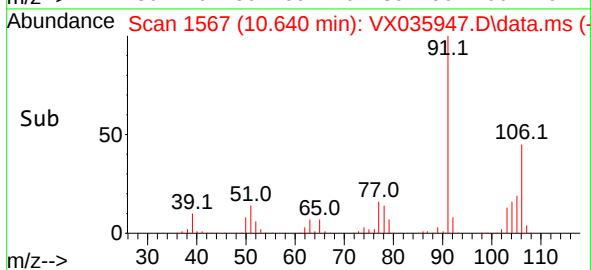
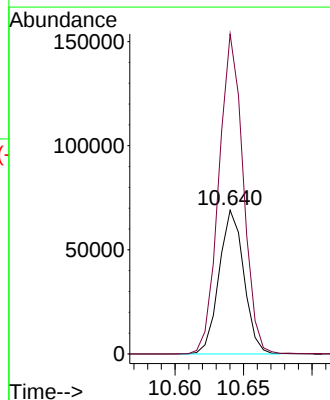
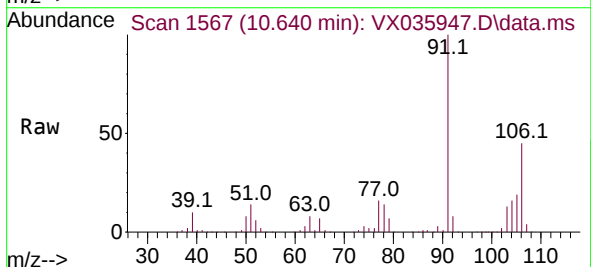
Acq: 01 Jun 2023 09:56

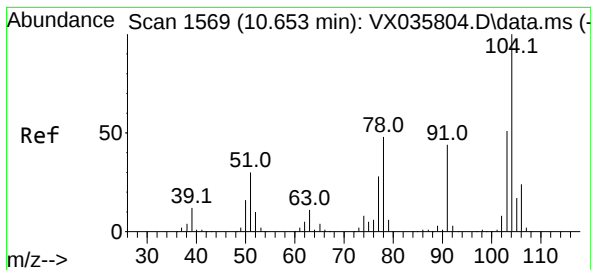
Tgt Ion:106 Resp: 86919

Ion Ratio Lower Upper

106 100

91 217.6 108.9 326.8





#69

Styrene

Concen: 20.595 ug/l

RT: 10.652 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035947.D

Acq: 01 Jun 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:104 Resp: 14253

Ion Ratio Lower Upper

104 100

78 54.0 42.8 64.2

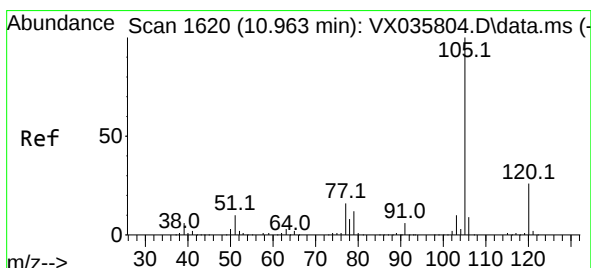
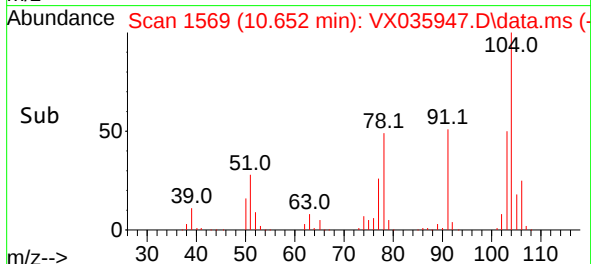
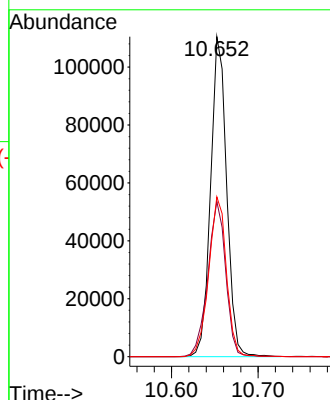
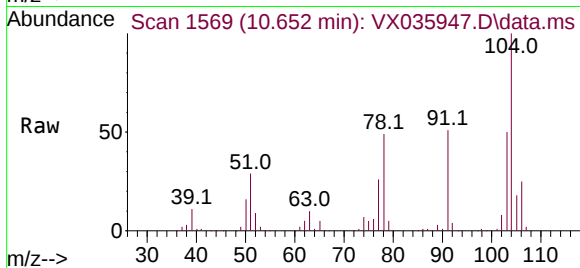
103 54.9 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#70

Isopropylbenzene

Concen: 21.467 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX035947.D

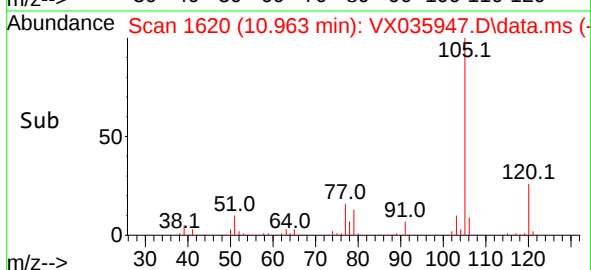
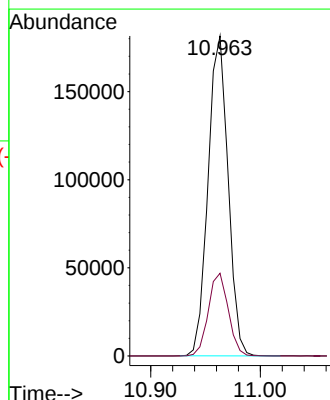
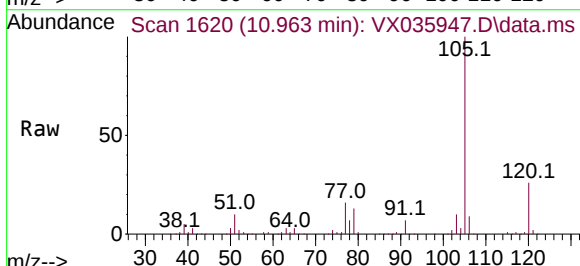
Acq: 01 Jun 2023 09:56

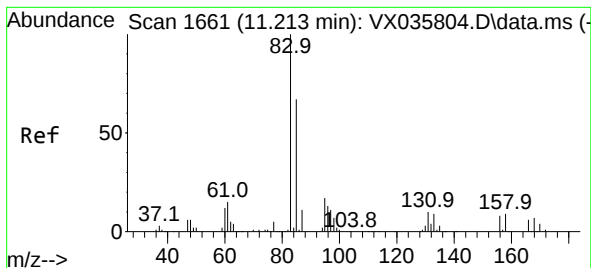
Tgt Ion:105 Resp: 229770

Ion Ratio Lower Upper

105 100

120 25.7 18.5 34.3





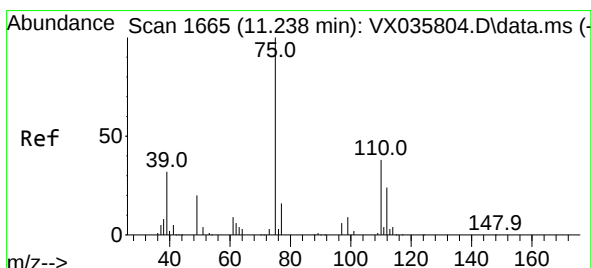
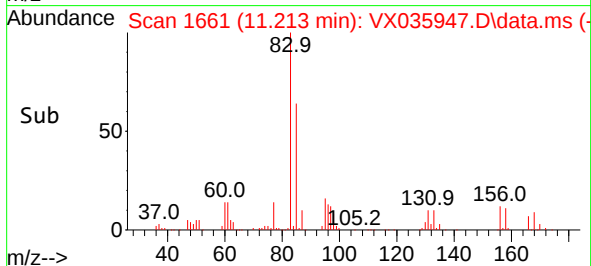
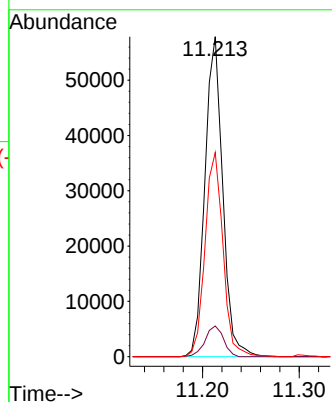
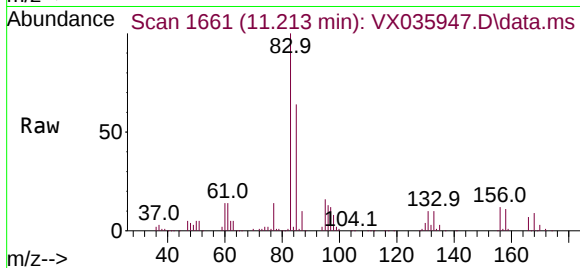
#71
1,1,2,2-Tetrachloroethane
Concen: 19.586 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 74250
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.2
85 64.4 31.9 95.5

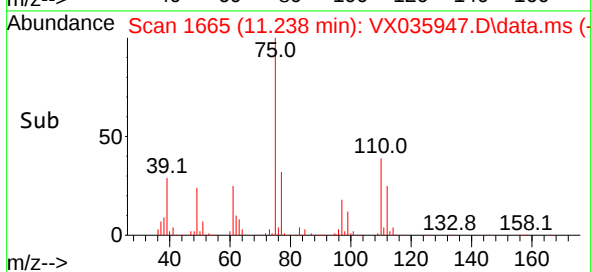
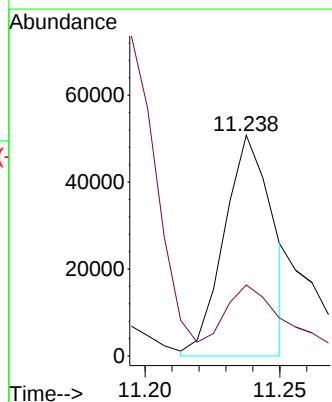
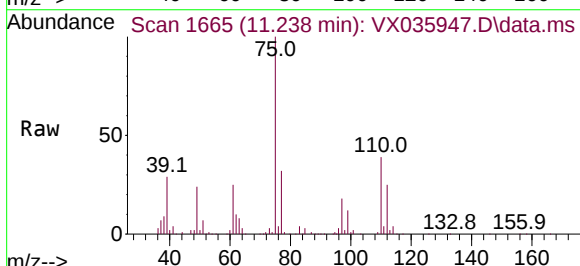
Manual Integrations
APPROVED

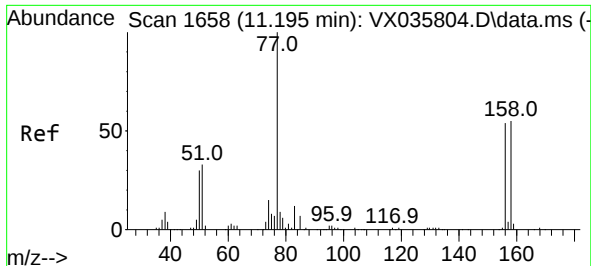
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#72
1,2,3-Trichloropropane
Concen: 19.096 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

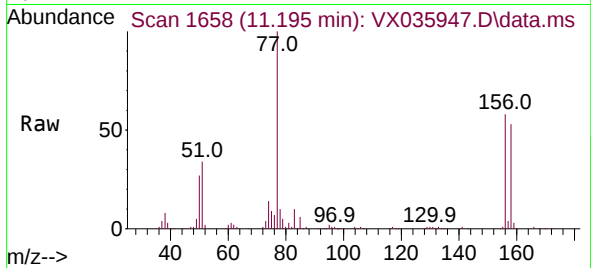
Tgt Ion: 75 Resp: 63054
Ion Ratio Lower Upper
75 100
77 42.2 0.0 73.8





#73
Bromobenzene
Concen: 20.507 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

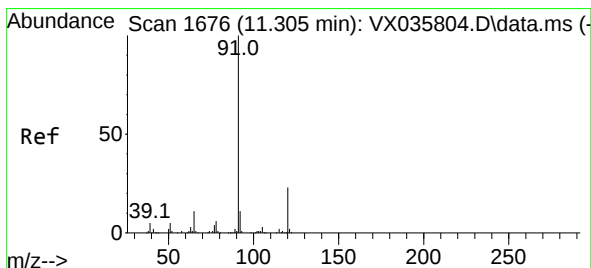
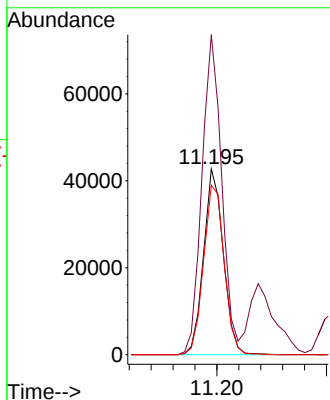
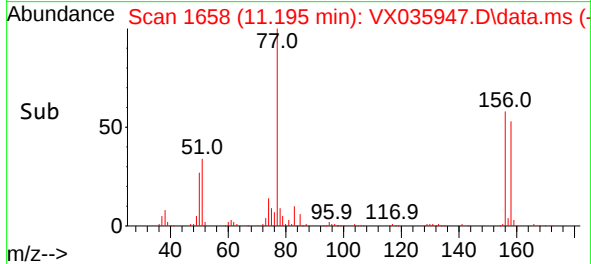
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



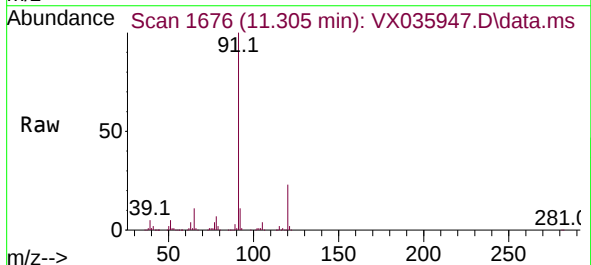
Tgt Ion:156 Resp: 53320
Ion Ratio Lower Upper
156 100
77 172.7 0.0 330.8
158 95.3 0.0 193.4

Manual Integrations
APPROVED

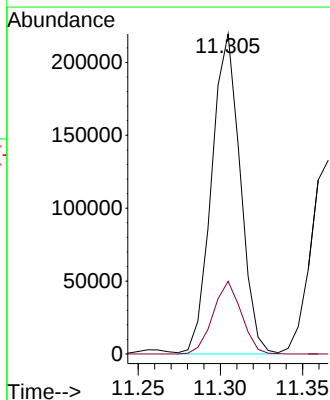
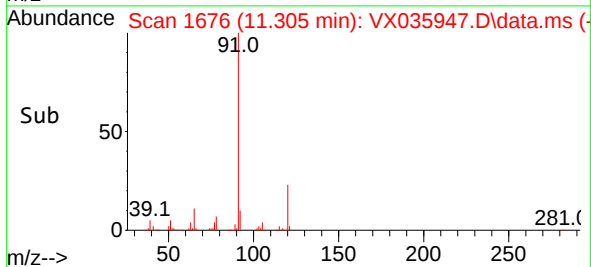
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

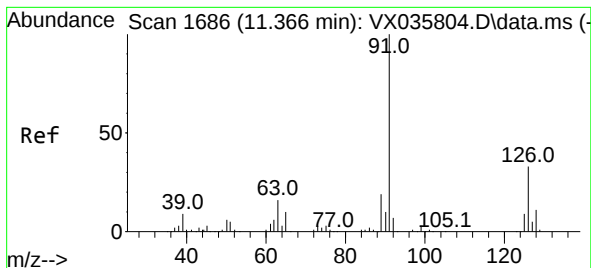


#74
n-propylbenzene
Concen: 20.856 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56



Tgt Ion: 91 Resp: 266084
Ion Ratio Lower Upper
91 100
120 22.4 0.0 44.8





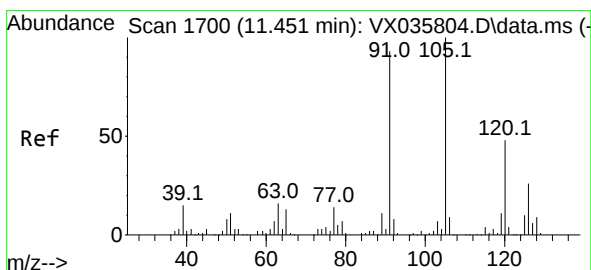
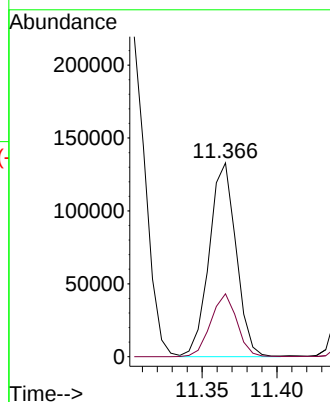
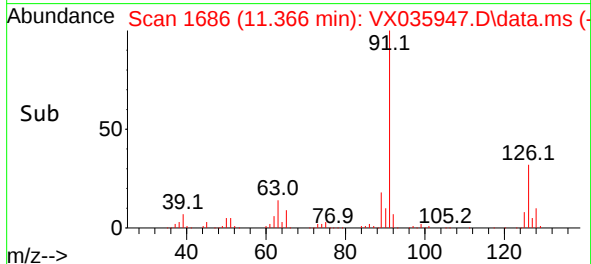
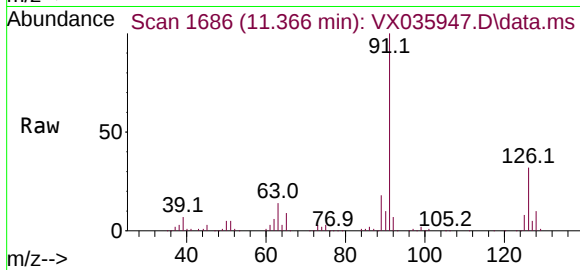
#75
2-Chlorotoluene
Concen: 21.223 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 166319
Ion Ratio Lower Upper
91 100
126 31.5 0.0 66.4

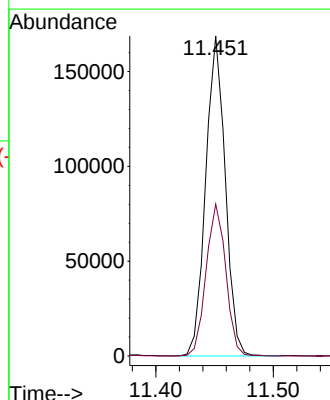
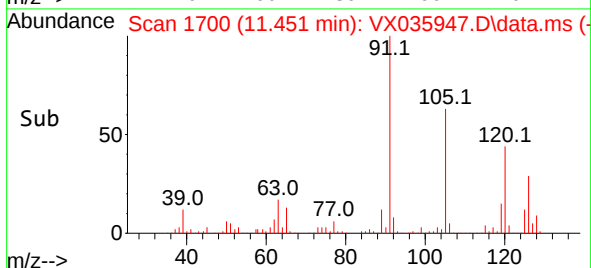
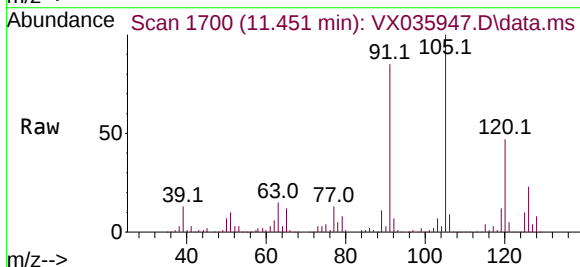
Manual Integrations
APPROVED

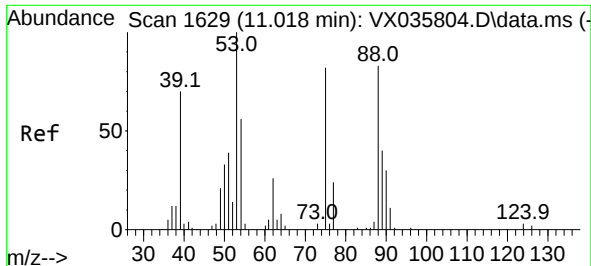
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#76
1,3,5-Trimethylbenzene
Concen: 21.441 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

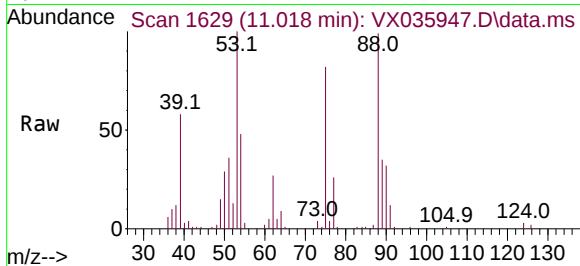
Tgt Ion:105 Resp: 194907
Ion Ratio Lower Upper
105 100
120 47.6 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 18.520 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

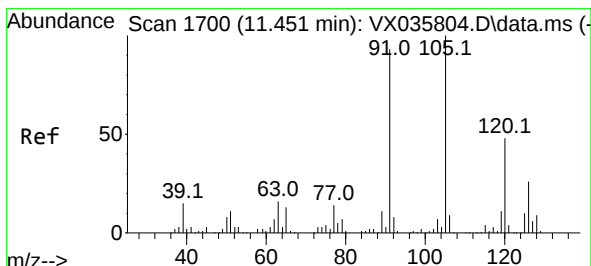
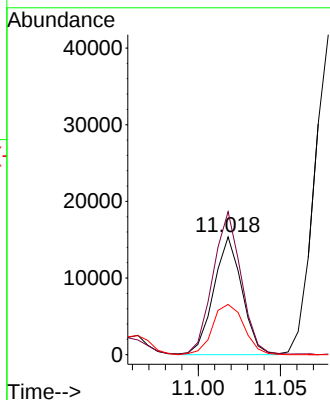
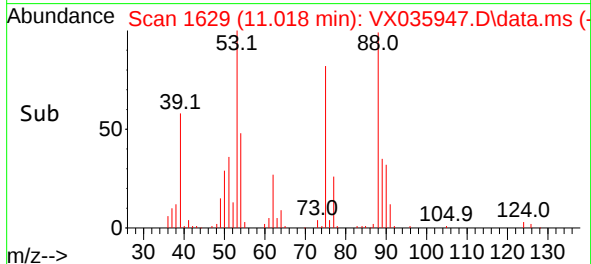
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 1844
Ion Ratio Lower Upper
75 100
53 121.9 58.2 174.6
89 42.9 20.6 61.8

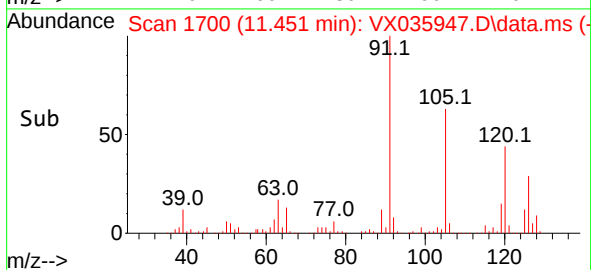
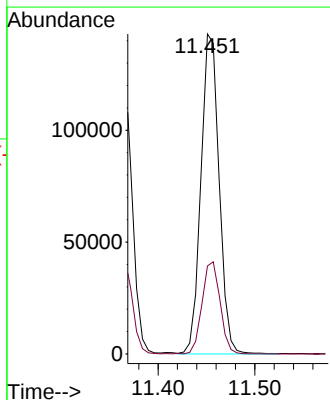
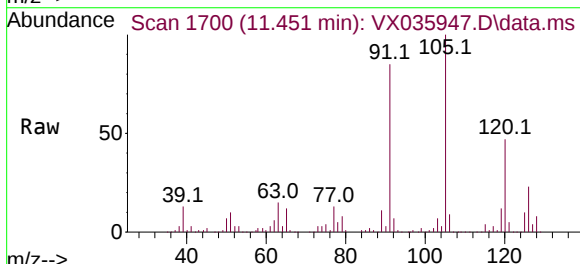
Manual Integrations
APPROVED

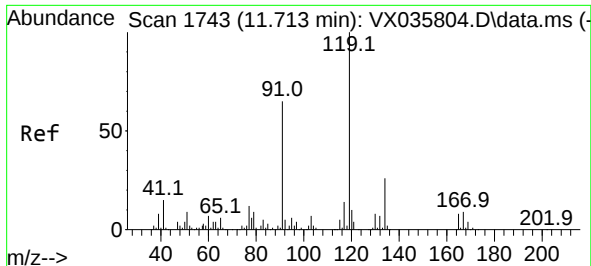
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#78
4-Chlorotoluene
Concen: 21.047 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

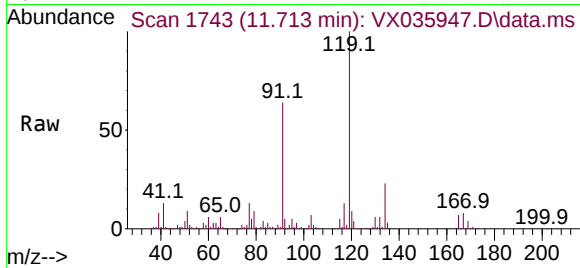
Tgt Ion: 91 Resp: 187905
Ion Ratio Lower Upper
91 100
126 28.3 0.0 56.8





#79
tert-butylbenzene
Concen: 21.239 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

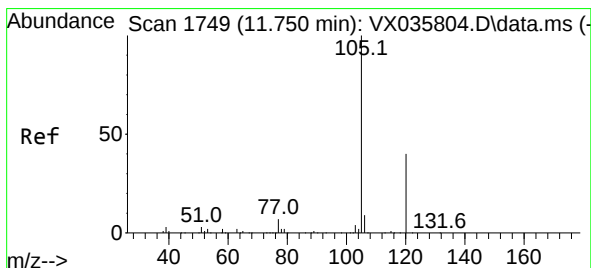
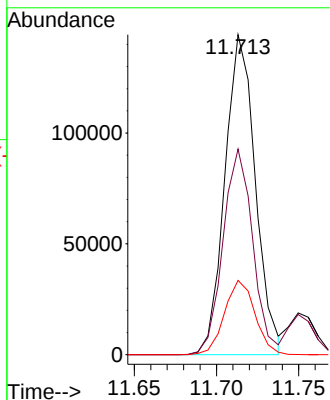
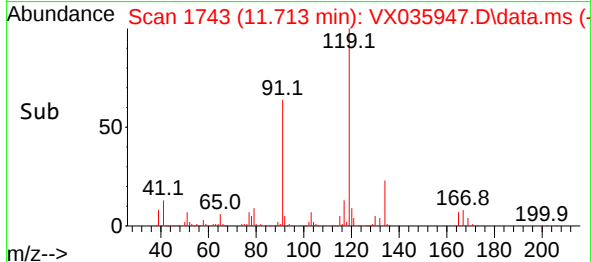
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:119 Resp: 186394
Ion Ratio Lower Upper
119 100
91 62.8 0.0 122.4
134 23.2 0.0 49.2

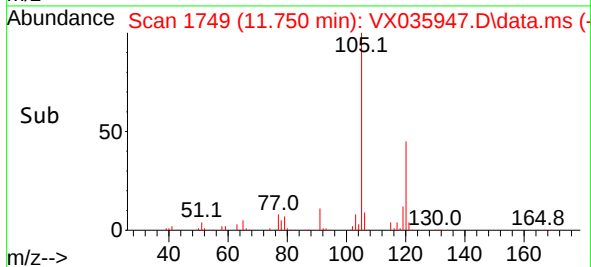
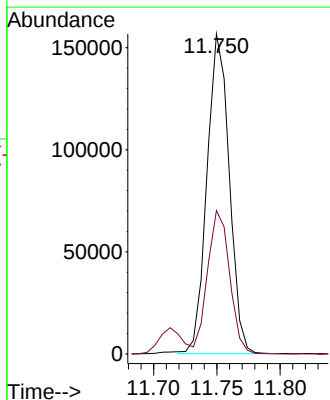
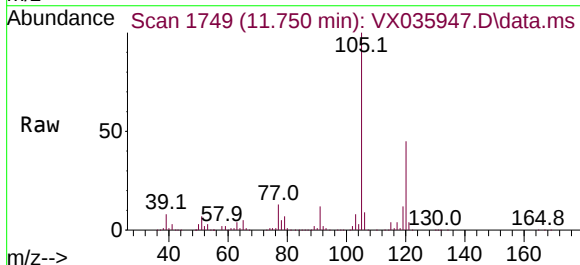
Manual Integrations
APPROVED

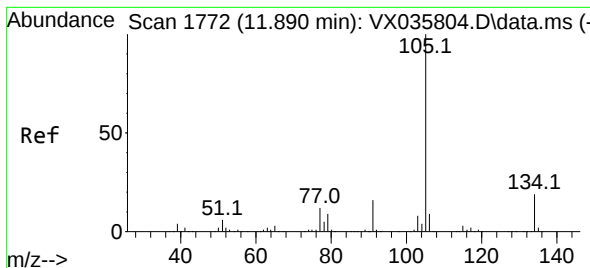
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.966 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Tgt Ion:105 Resp: 191539
Ion Ratio Lower Upper
105 100
120 44.5 0.0 90.4





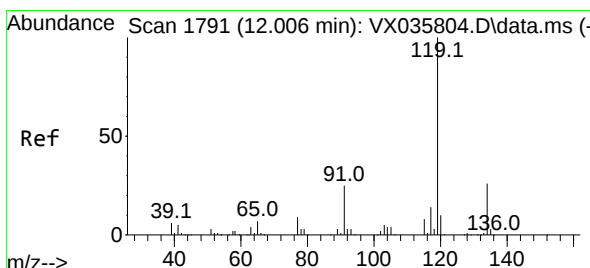
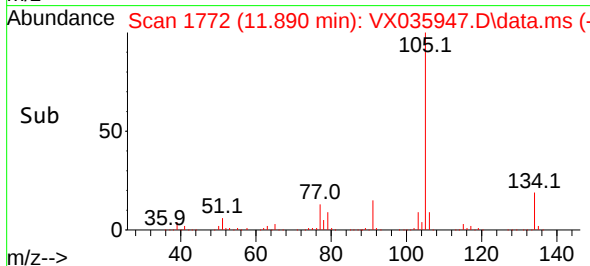
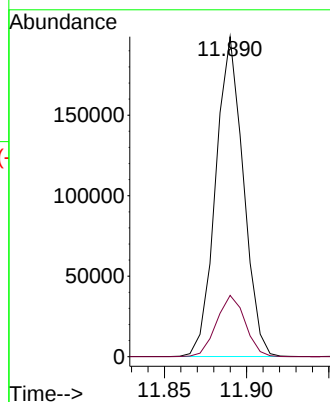
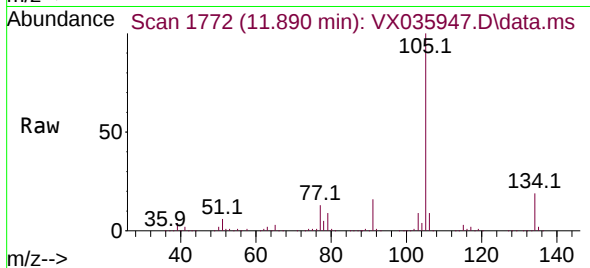
#81
 sec-Butylbenzene
 Concen: 20.980 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX035947.D
 Acq: 01 Jun 2023 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:105 Resp: 23246
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 40.2

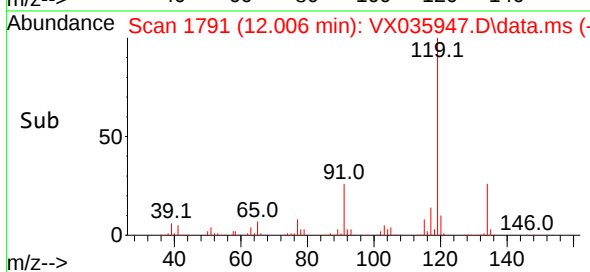
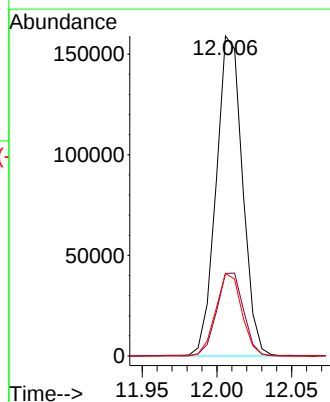
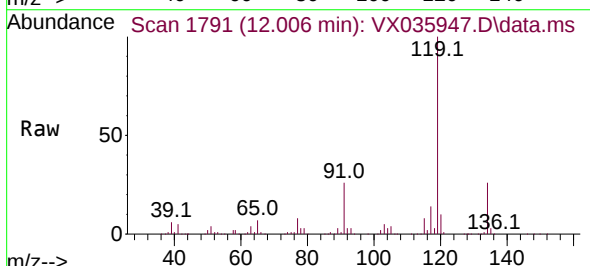
Manual Integrations
 APPROVED

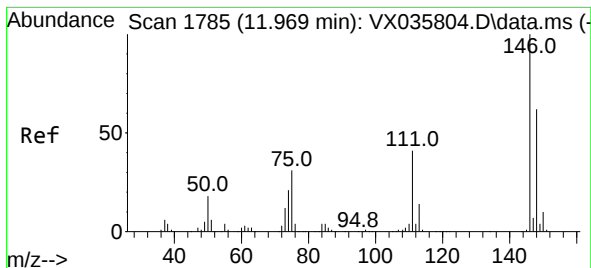
Reviewed By :John Carlone 06/02/2023
 Supervised By :Semsettin Yesilyurt 06/02/2023



#82
 p-Isopropyltoluene
 Concen: 21.138 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035947.D
 Acq: 01 Jun 2023 09:56

Tgt Ion:119 Resp: 194844
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 52.2
 91 25.5 0.0 51.0





#83

1,3-Dichlorobenzene

Concen: 20.757 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX035947.D

Acq: 01 Jun 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:146 Resp: 10215

Ion Ratio Lower Upper

146 100

111 43.1 20.6 61.9

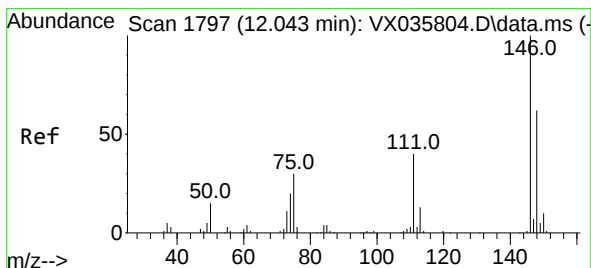
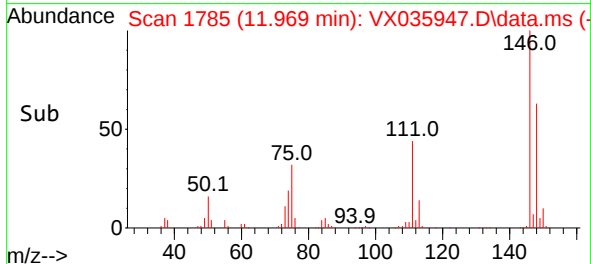
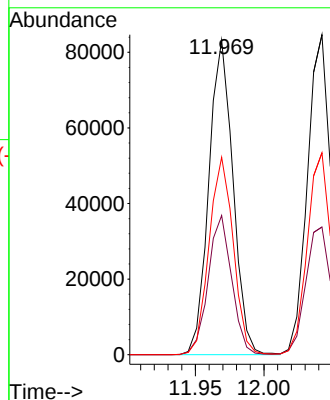
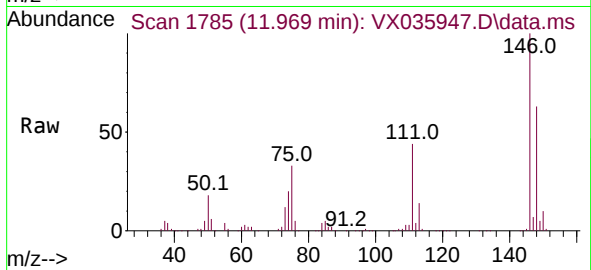
148 62.8 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#84

1,4-Dichlorobenzene

Concen: 20.819 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX035947.D

Acq: 01 Jun 2023 09:56

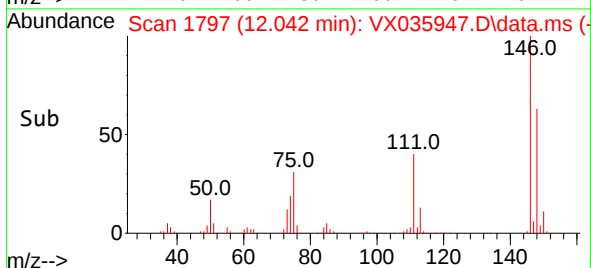
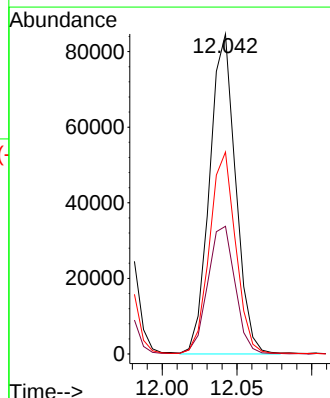
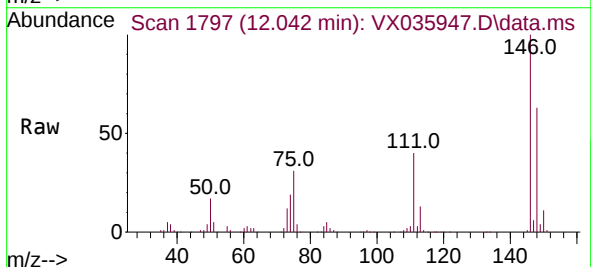
Tgt Ion:146 Resp: 102841

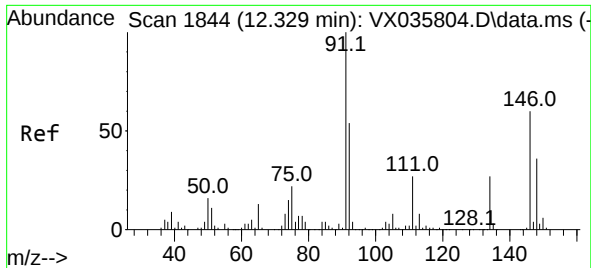
Ion Ratio Lower Upper

146 100

111 41.9 20.3 60.9

148 63.3 31.8 95.3





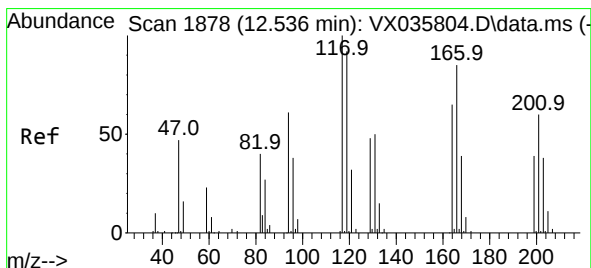
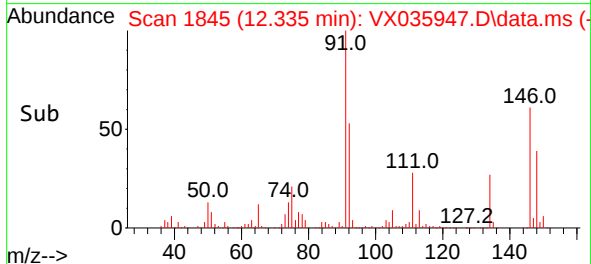
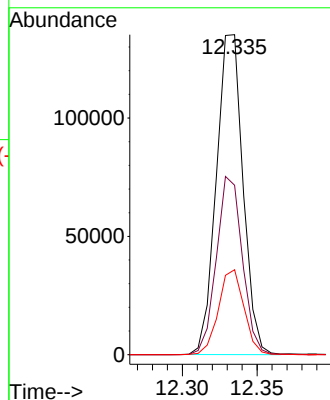
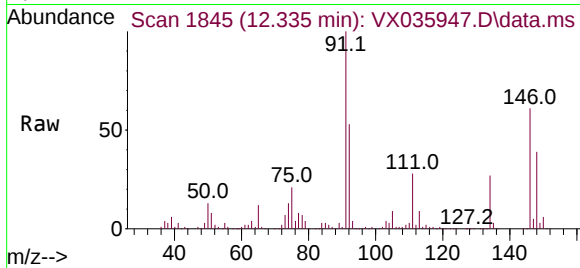
#85
n-Butylbenzene
Concen: 20.490 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 16803
Ion Ratio Lower Upper
91 100
92 54.3 0.0 107.6
134 25.4 0.0 49.8

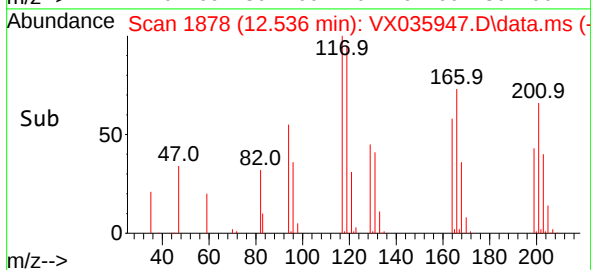
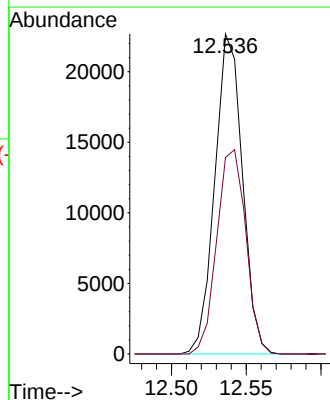
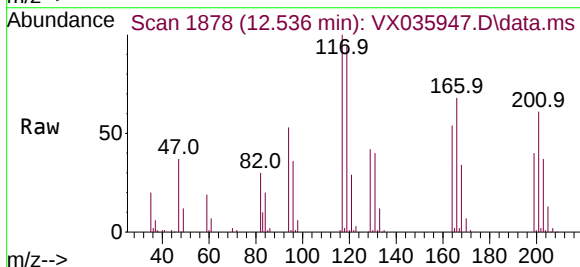
Manual Integrations
APPROVED

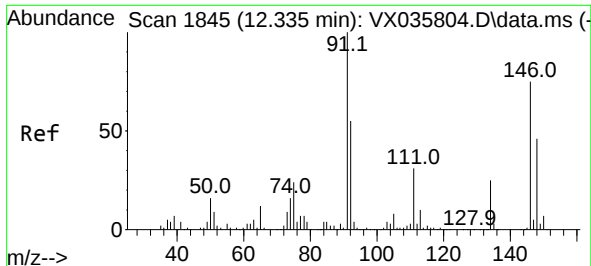
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#86
Hexachloroethane
Concen: 20.079 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

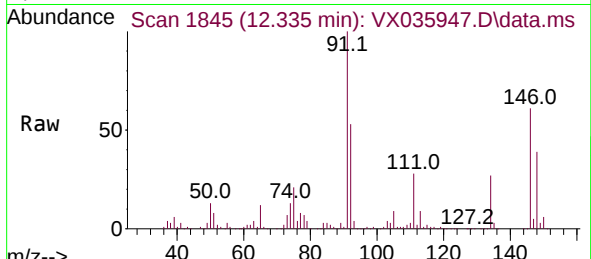
Tgt Ion:117 Resp: 29146
Ion Ratio Lower Upper
117 100
201 67.1 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 20.743 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

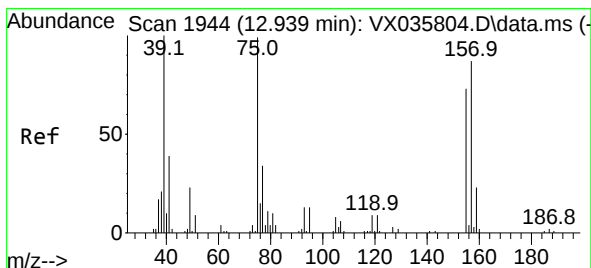
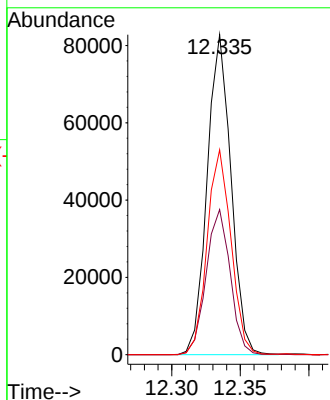
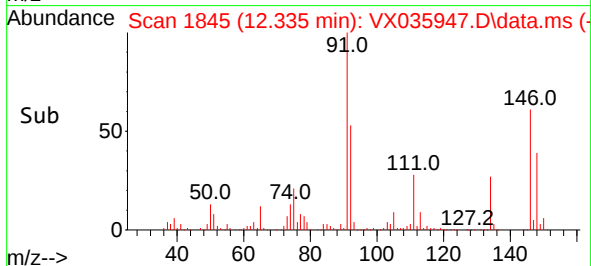
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:146 Resp: 10002
Ion Ratio Lower Upper
146 100
111 45.9 21.3 64.0
148 64.3 31.7 95.1

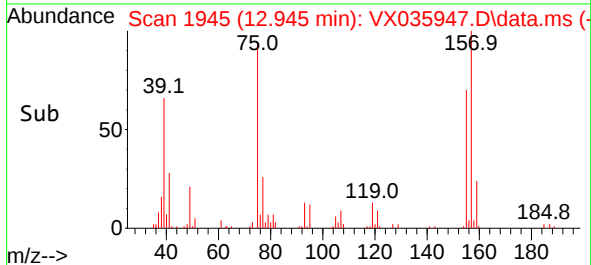
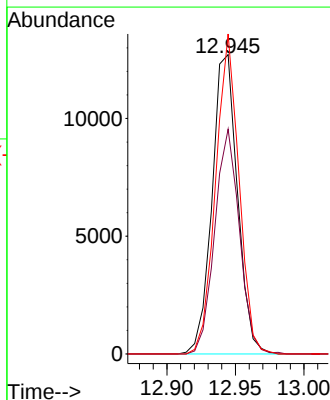
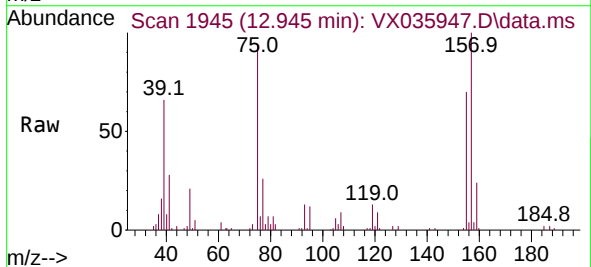
Manual Integrations
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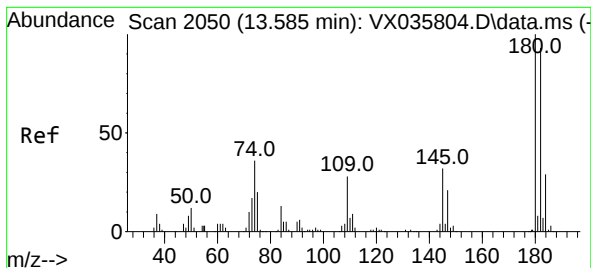
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 22.634 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

Tgt Ion: 75 Resp: 16400
Ion Ratio Lower Upper
75 100
155 72.8 63.7 95.5
157 97.6 83.7 125.5





#89

1,2,4-Trichlorobenzene

Concen: 21.482 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX035947.D

Acq: 01 Jun 2023 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:180 Resp: 6208

Ion Ratio Lower Upper

180 100

182 91.9 75.8 113.8

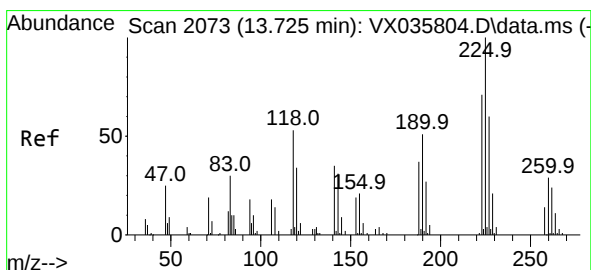
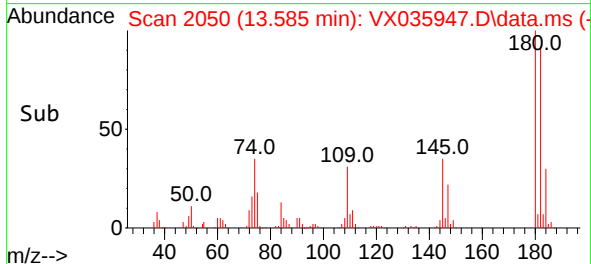
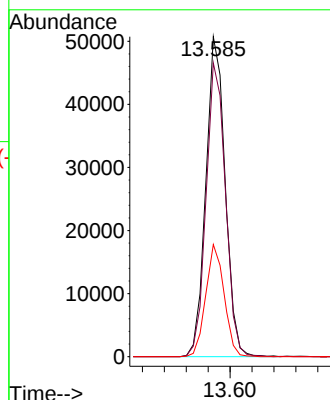
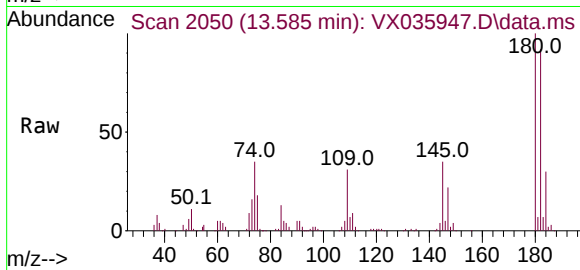
145 33.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#90

Hexachlorobutadiene

Concen: 23.904 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX035947.D

Acq: 01 Jun 2023 09:56

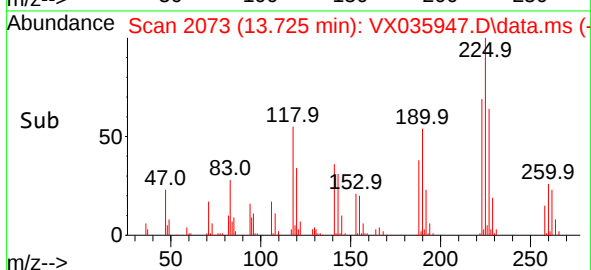
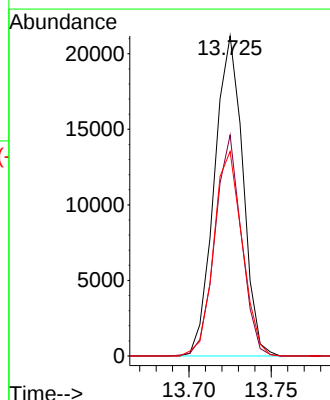
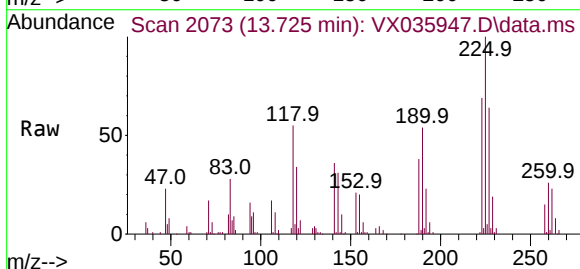
Tgt Ion:225 Resp: 25466

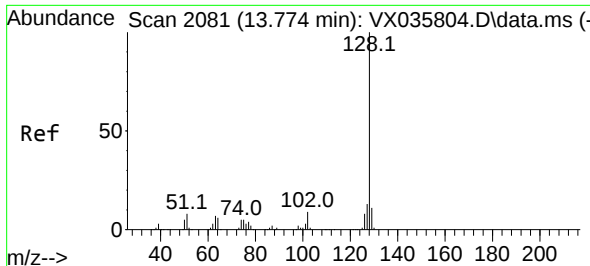
Ion Ratio Lower Upper

225 100

223 63.9 0.0 124.2

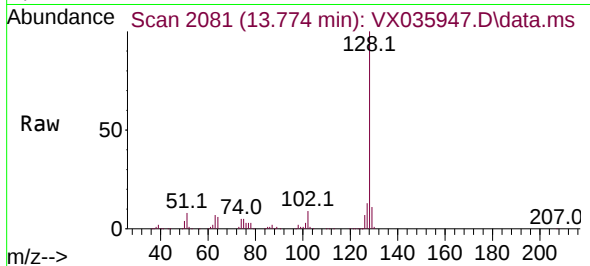
227 63.9 0.0 122.8





#91
Naphthalene
Concen: 21.321 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56

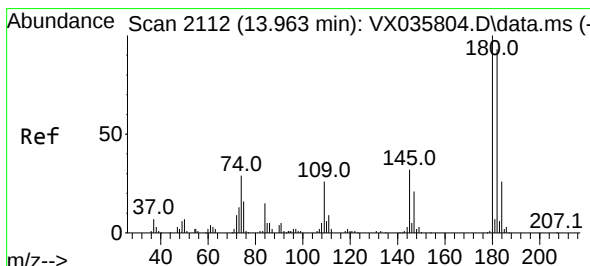
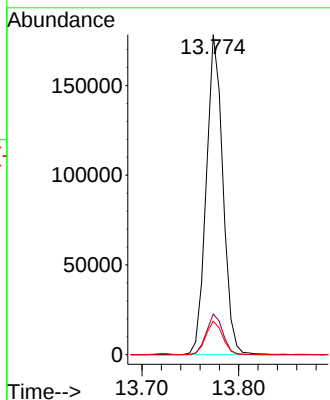
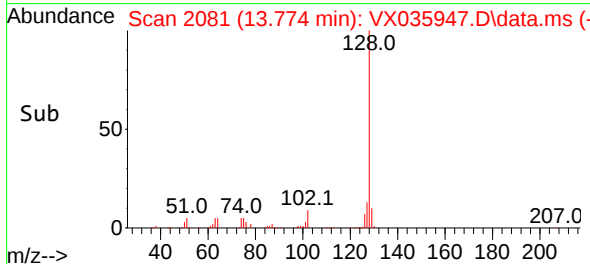
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



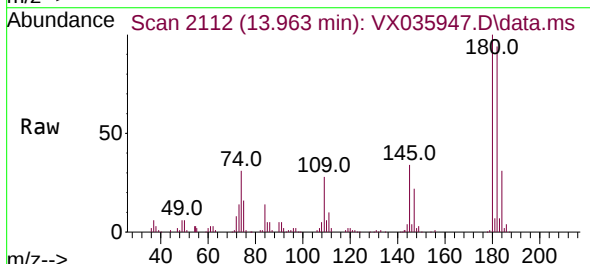
Tgt Ion:128 Resp: 213227
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#92
1,2,3-Trichlorobenzene
Concen: 21.054 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035947.D
Acq: 01 Jun 2023 09:56



Tgt Ion:180 Resp: 60748
Ion Ratio Lower Upper
180 100
182 93.7 0.0 191.0
145 35.6 0.0 66.8

