

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
 Data File : VX035967.D
 Acq On : 01 Jun 2023 18:32
 Operator : JC/MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0020EC

Manual Integrations
 APPROVED

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

Quant Time: Jun 02 01:37:28 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	4.904	128	34676	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.763	114	192244	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	176439	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	90875	31.541	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 105.133%	
60) 4-Bromofluorobenzene	11.079	95	94001	31.751	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 105.833%	
63) Toluene-d8	8.647	98	233313	29.912	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	31297	17.650	ug/l	98
3) Chloromethane	1.295	50	39890	18.337	ug/l	96
4) Vinyl Chloride	1.374	62	35312	17.273	ug/l	98
5) Bromomethane	1.612	94	20045	14.575	ug/l	98
6) Chloroethane	1.685	64	23007	17.851	ug/l	97
7) Trichlorofluoromethane	1.886	101	49526	15.980	ug/l	99
8) Diethyl Ether	2.130	74	23955	18.591	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	27743	16.638	ug/l	97
10) 1,1-Dichloroethene	2.319	96	29961	17.237	ug/l	94
11) Methyl Iodide	2.453	142	25155	11.979	ug/l	95
12) Methyl Acetate	2.709	43	107778	21.943	ug/l	98
13) Acrolein	2.240	56	36530	94.086	ug/l	97
14) Acrylonitrile	3.069	53	132712	107.784	ug/l	99
15) Acetone	2.398	58	35269	95.765	ug/l	85
16) Carbon Disulfide	2.508	76	63410	16.809	ug/l	98
17) Allyl chloride	2.666	41	69487	19.815	ug/l	96
18) Methylene Chloride	2.788	84	40738	17.996	ug/l	99
19) trans-1,2-Dichloroethene	3.093	96	36485	18.619	ug/l	97
20) Diisopropyl ether	3.764	45	149960	19.809	ug/l	89
21) 1,1-Dichloroethane	3.611	63	78847	19.870	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	48537	20.018	ug/l	96
23) tert-Butyl Alcohol	3.014	59	55679m	123.883	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	147421	21.043	ug/l	97
25) Chloroform	5.093	83	84962	20.865	ug/l	97
26) Cyclohexane	5.471	56	47081	15.688	ug/l #	96
29) 1,1-Dichloropropene	5.696	75	51513	19.242	ug/l	98
30) 2-Butanone	4.568	43	194468	110.970	ug/l	100
31) 2,2-Dichloropropane	4.477	77	56602	19.680	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	65219	20.862	ug/l	99
33) Carbon Tetrachloride	5.678	117	49377	20.002	ug/l	96
34) Benzene	6.038	78	172648	20.443	ug/l	99
35) Methacrylonitrile	4.922	41	40676	21.752	ug/l	97
36) 1,2-Dichloroethane	6.086	62	71997	21.905	ug/l #	87
37) Trichloroethene	7.129	130	41444	19.523	ug/l	99
38) Methylcyclohexane	7.379	83	44145	15.036	ug/l	99
39) 1,2-Dichloropropane	7.434	63	45546	20.036	ug/l	96
40) Dibromomethane	7.586	93	31944	20.777	ug/l	98
41) Bromodichloromethane	7.824	83	60717	21.845	ug/l	98
42) Vinyl Acetate	3.727	43	534389	103.814	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
 Data File : VX035967.D
 Acq On : 01 Jun 2023 18:32
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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

Quant Time: Jun 02 01:37:28 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	4.721	43	67941	20.329	ug/l	98
44) Isopropyl Acetate	6.342	43	112541	20.658	ug/l	99
45) 1,4-Dioxane	7.708	88	24207m	467.829	ug/l	
46) Methyl methacrylate	7.696	41	56013	21.280	ug/l	94
47) n-amyl Acetate	10.842	43	92421	20.197	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	59939	19.493	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	67589	19.918	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	46424	21.106	ug/l	98
51) Ethyl methacrylate	9.116	69	70091	20.672	ug/l	96
52) 1,3-Dichloropropane	9.311	76	81348	21.222	ug/l	100
53) Dibromochloromethane	9.519	129	43656	21.642	ug/l	98
54) 1,2-Dibromoethane	9.610	107	47880	20.952	ug/l	99
55) 2-Chloroethyl vinyl ether	8.245	63	169870	94.405	ug/l	98
56) Bromoform	10.799	173	27592	21.100	ug/l	96
58) 4-Methyl-2-Pentanone	8.574	43	378726	110.510	ug/l	98
59) 2-Hexanone	9.433	43	283337	109.876	ug/l	98
61) Tetrachloroethene	9.275	164	31193	18.357	ug/l	91
62) Toluene	8.720	91	182651	20.102	ug/l	99
64) Chlorobenzene	10.080	112	113959	19.803	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	42332	21.042	ug/l	99
66) Ethyl Benzene	10.195	91	203884	20.064	ug/l	99
67) m/p-Xylenes	10.305	106	156054	40.572	ug/l	99
68) o-Xylene	10.640	106	78940	20.518	ug/l	99
69) Styrene	10.653	104	131424	20.698	ug/l	99
70) Isopropylbenzene	10.964	105	191654	19.516	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.214	83	75860	21.809	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	62874m	20.754	ug/l	
73) Bromobenzene	11.201	156	47890	20.073	ug/l	93
74) n-propylbenzene	11.305	91	218996	18.709	ug/l	100
75) 2-Chlorotoluene	11.366	91	148606	20.668	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	169199	20.286	ug/l	97
77) t-1,4-Dichloro-2-butene	11.018	75	16574	18.136	ug/l	96
78) 4-Chlorotoluene	11.457	91	167615	20.463	ug/l	99
79) tert-butylbenzene	11.713	119	159606	19.822	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	170544	20.347	ug/l	98
81) sec-Butylbenzene	11.890	105	178923	17.601	ug/l	99
82) p-Isopropyltoluene	12.006	119	155873	18.431	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	87538	19.386	ug/l	97
84) 1,4-Dichlorobenzene	12.043	146	90155	19.892	ug/l	99
85) n-Butylbenzene	12.335	91	123467	16.410	ug/l	99
86) Hexachloroethane	12.536	117	23124	17.363	ug/l	96
87) 1,2-Dichlorobenzene	12.335	146	92274	20.857	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	15493	23.305	ug/l	93
89) 1,2,4-Trichlorobenzene	13.585	180	49537	18.683	ug/l	98
90) Hexachlorobutadiene	13.725	225	15995	16.364	ug/l	97
91) Naphthalene	13.774	128	188738	20.570	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	49838	18.826	ug/l	96

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

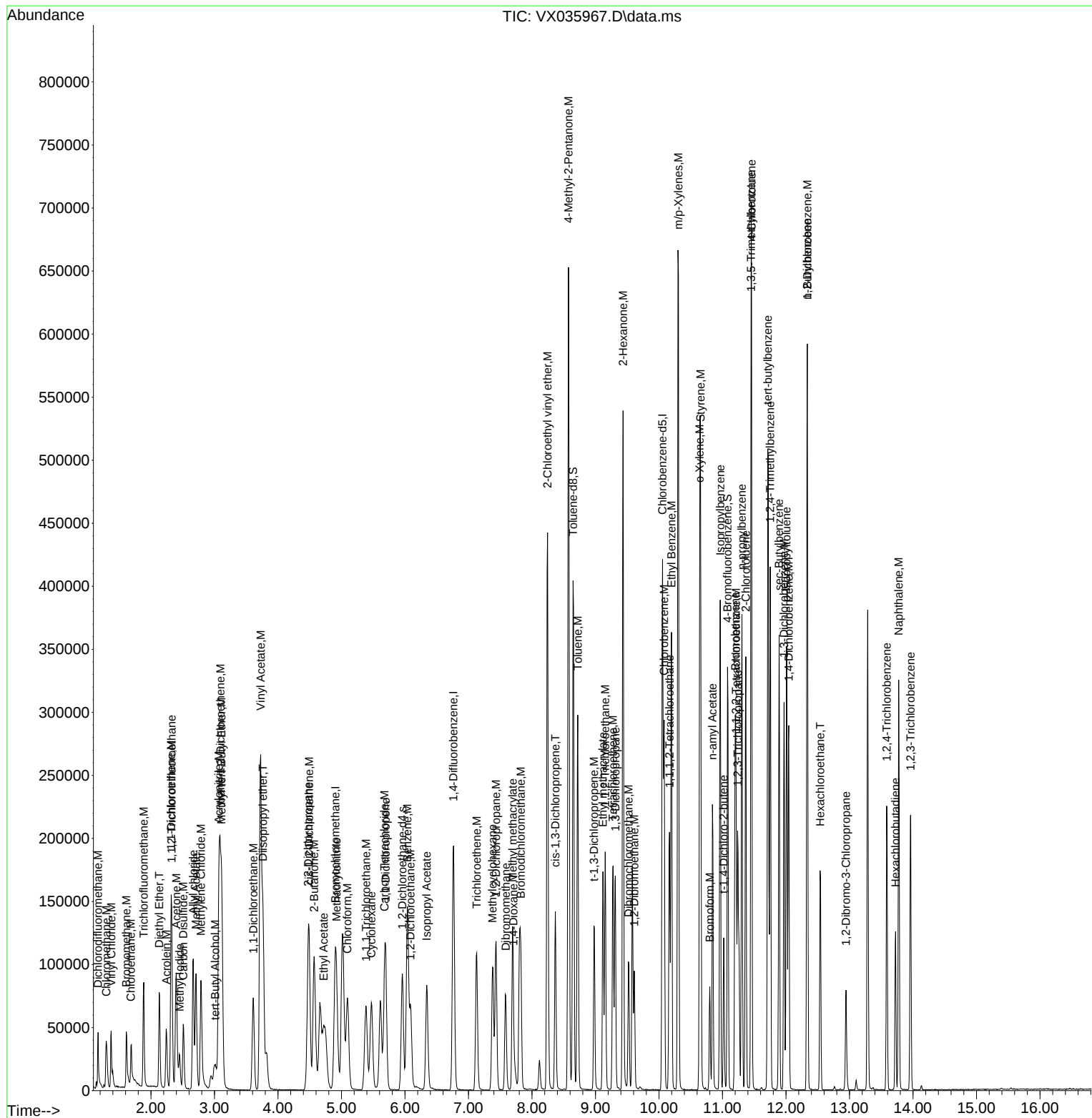
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
Data File : VX035967.D
Acq On : 01 Jun 2023 18:32
Operator : JC/MD
Sample : VSTDECC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

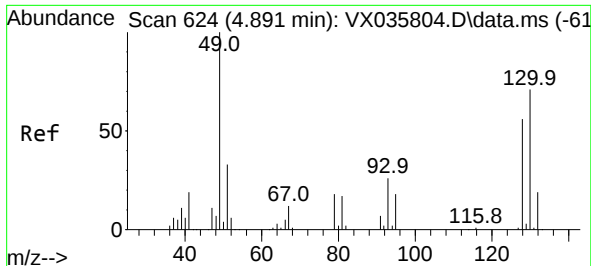
Instrument :
MSVOA_X
ClientSampleId :
VSTDECC020EC

Quant Time: Jun 02 01:37:28 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

Manual Integrations
APPROVED

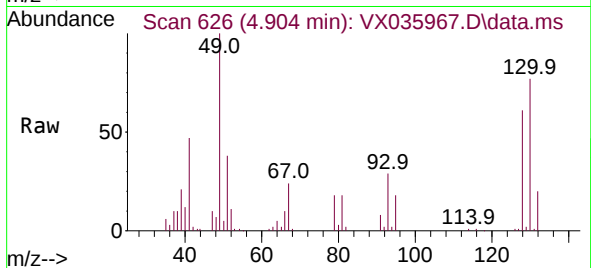
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

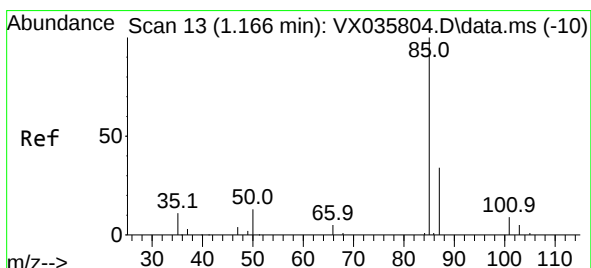
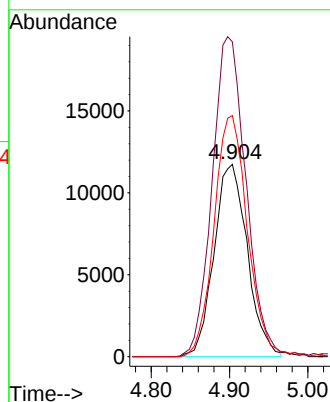
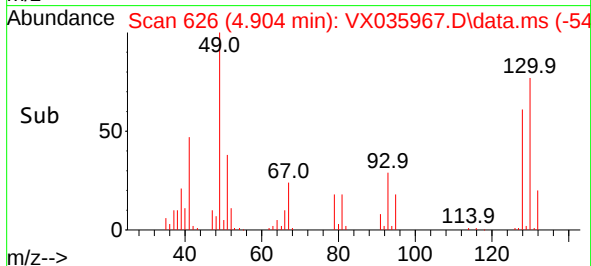
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 34670
Ion Ratio Lower Upper
128 100
49 168.9 0.0 428.8
130 126.1 0.0 310.8

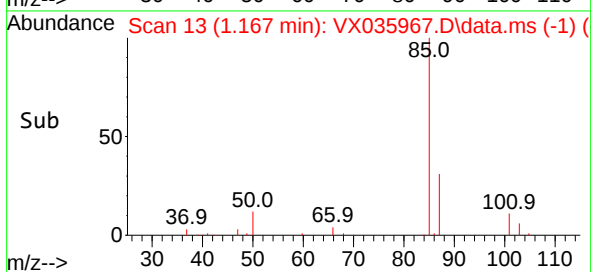
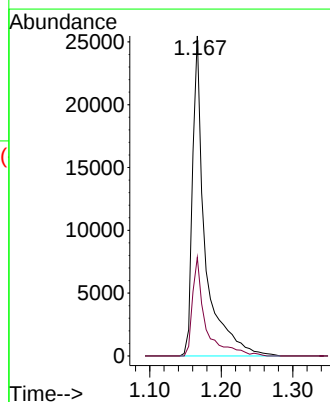
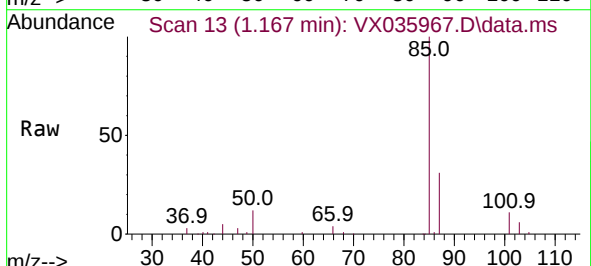
Manual Integrations
APPROVED

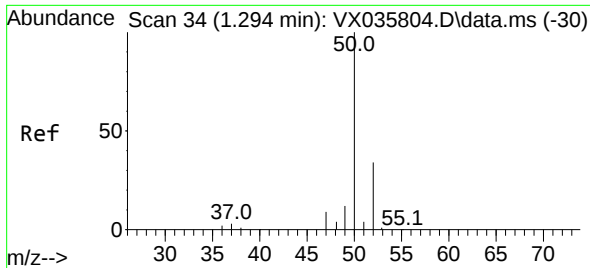
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#2
Dichlorodifluoromethane
Concen: 17.650 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Tgt Ion: 85 Resp: 31297
Ion Ratio Lower Upper
85 100
87 30.8 16.0 48.0





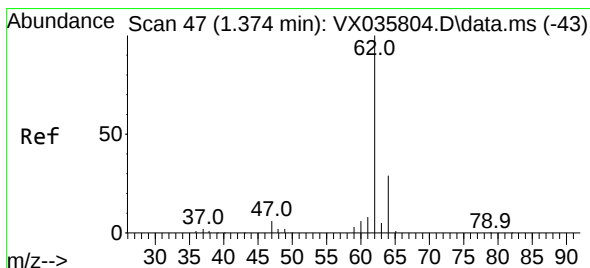
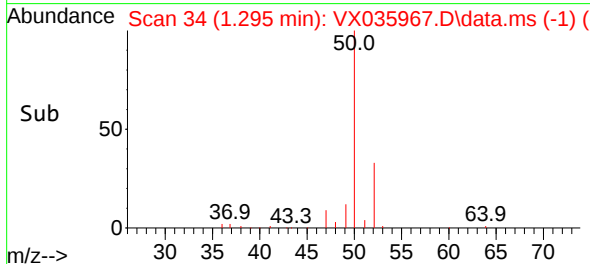
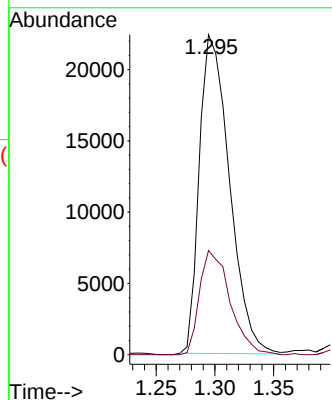
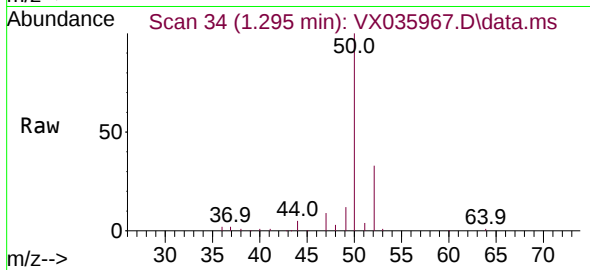
#3
Chloromethane
Concen: 18.337 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 39890
Ion Ratio Lower Upper
50 100
52 32.7 24.6 36.8

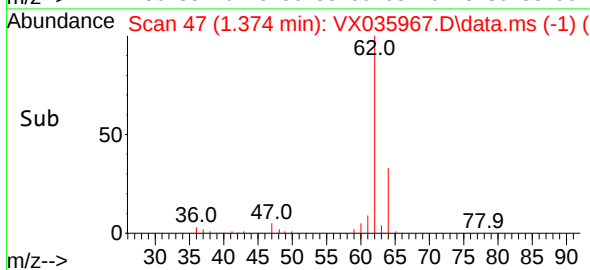
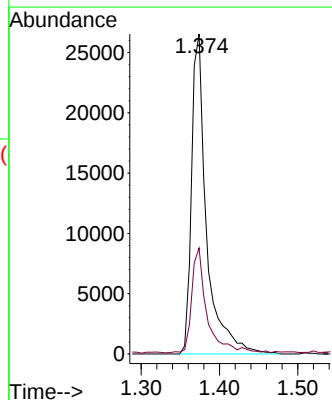
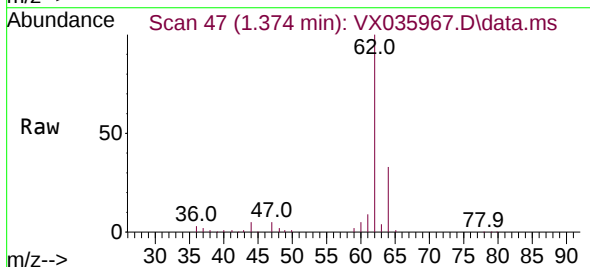
Manual Integrations
APPROVED

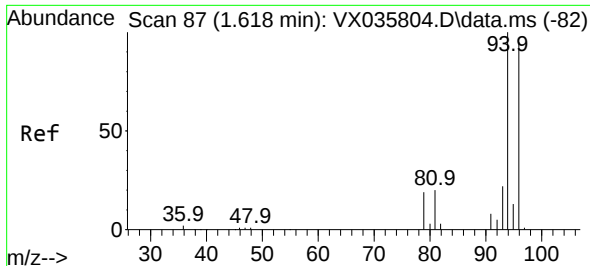
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#4
Vinyl Chloride
Concen: 17.273 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Tgt Ion: 62 Resp: 35312
Ion Ratio Lower Upper
62 100
64 32.5 26.9 40.3





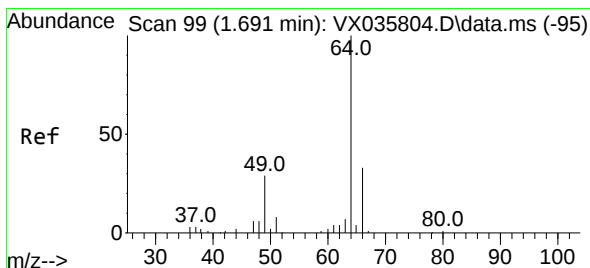
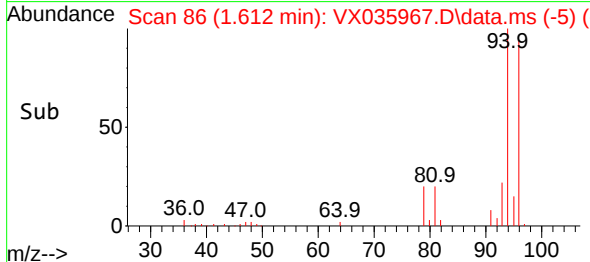
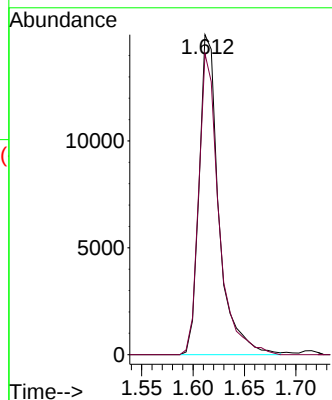
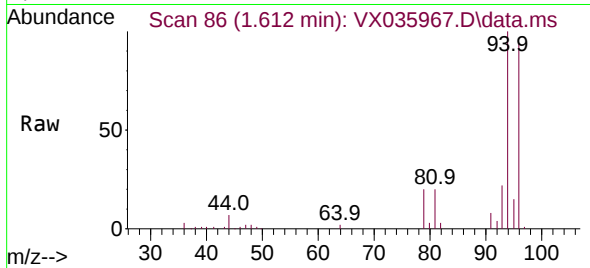
#5
Bromomethane
Concen: 14.575 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 94 Resp: 2004
Ion Ratio Lower Upper
94 100
96 94.0 73.4 110.0

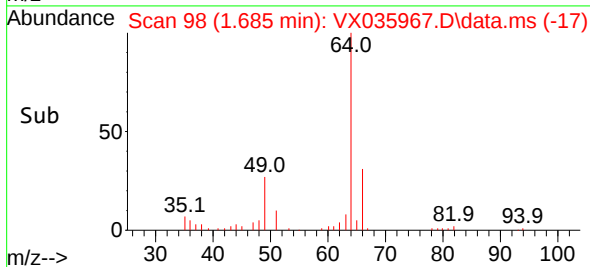
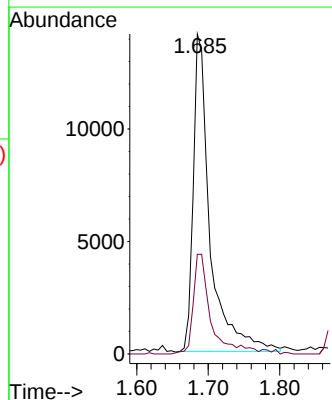
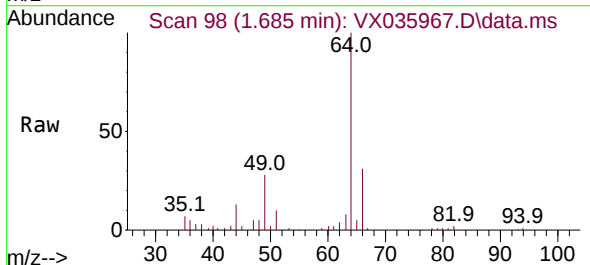
Manual Integrations
APPROVED

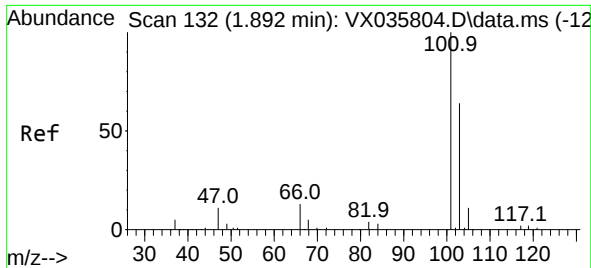
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#6
Chloroethane
Concen: 17.851 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

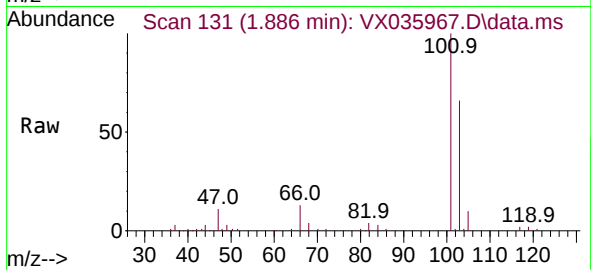
Tgt Ion: 64 Resp: 23007
Ion Ratio Lower Upper
64 100
66 31.4 26.6 40.0





#7
 Trichlorofluoromethane
 Concen: 15.980 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX035967.D
 Acq: 01 Jun 2023 18:32

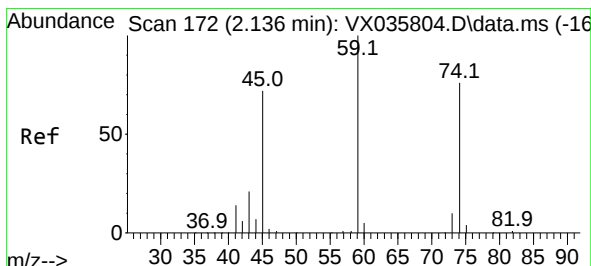
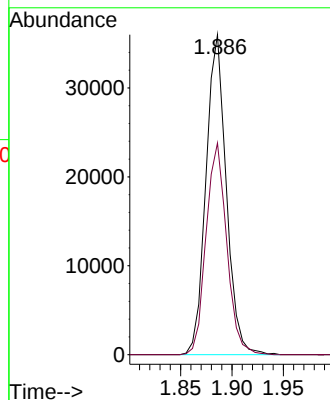
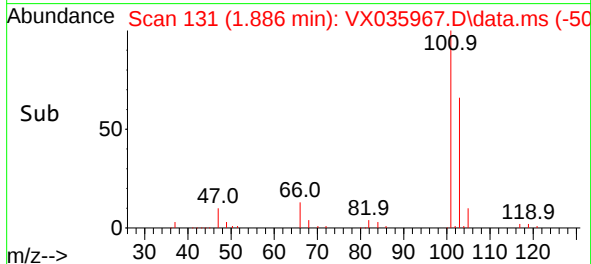
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:101 Resp: 49520
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.1 78.1

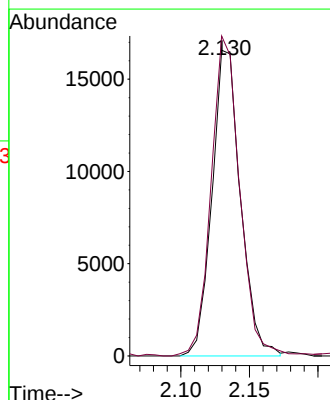
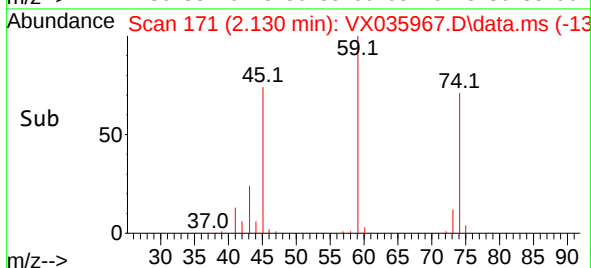
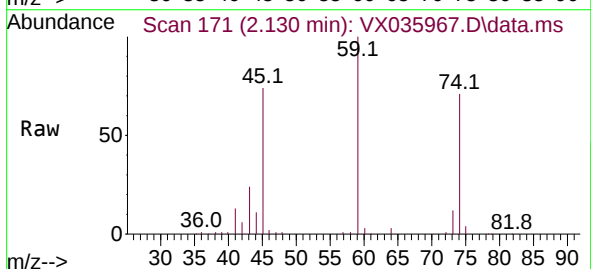
Manual Integrations
 APPROVED

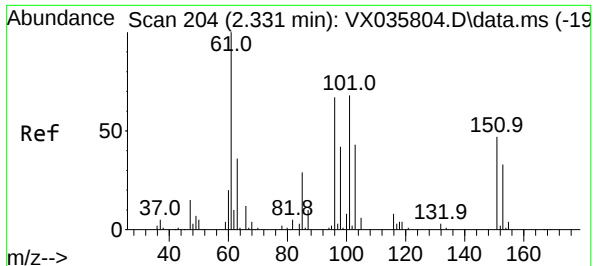
Reviewed By :John Carlone 06/02/2023
 Supervised By :Semsettin Yesilyurt 06/02/2023



#8
 Diethyl Ether
 Concen: 18.591 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX035967.D
 Acq: 01 Jun 2023 18:32

Tgt Ion: 74 Resp: 23955
 Ion Ratio Lower Upper
 74 100
 45 104.8 20.5 184.5





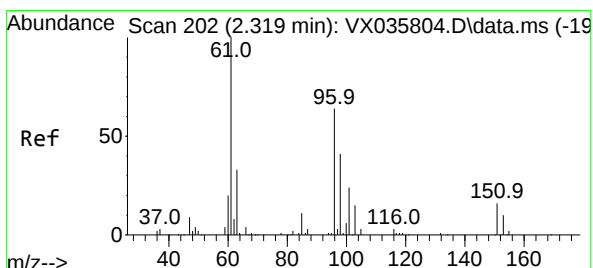
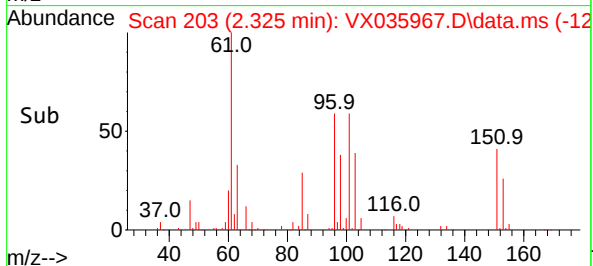
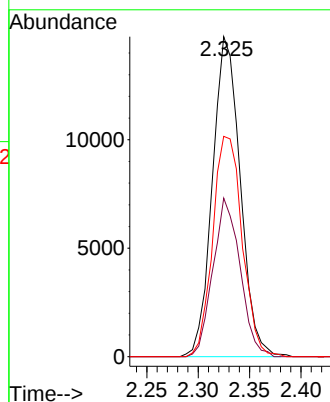
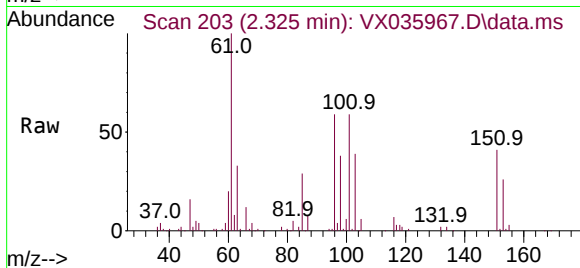
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.638 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 2774
Ion Ratio Lower Upper
101 100
85 48.3 0.0 88.8
151 72.9 0.0 147.6

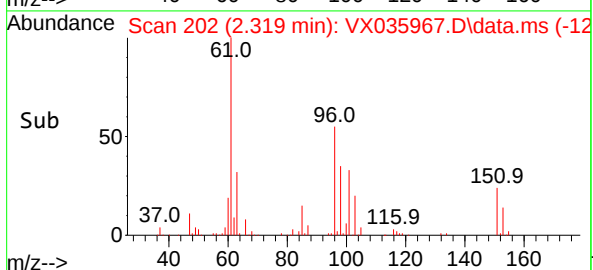
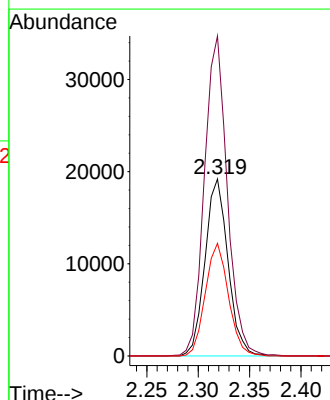
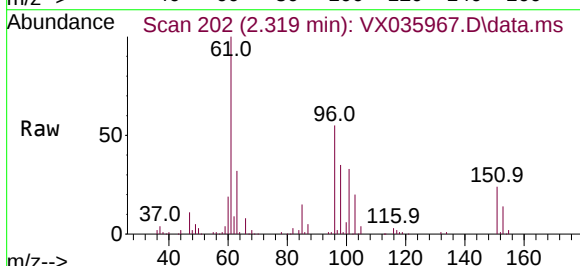
Manual Integrations
APPROVED

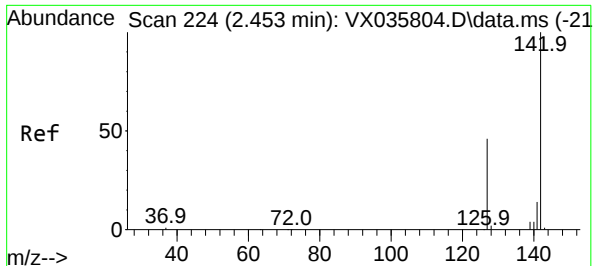
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#10
1,1-Dichloroethene
Concen: 17.237 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

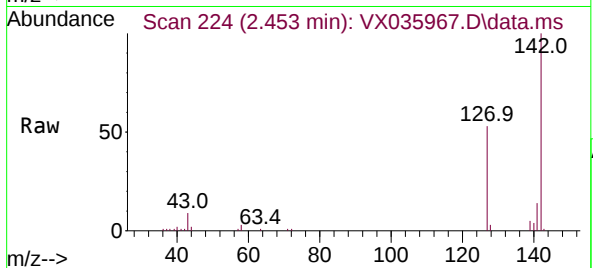
Tgt Ion: 96 Resp: 29961
Ion Ratio Lower Upper
96 100
61 180.5 135.8 203.6
98 63.7 49.8 74.6





#11
Methyl Iodide
Concen: 11.979 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

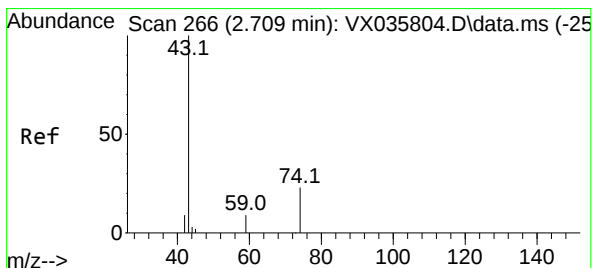
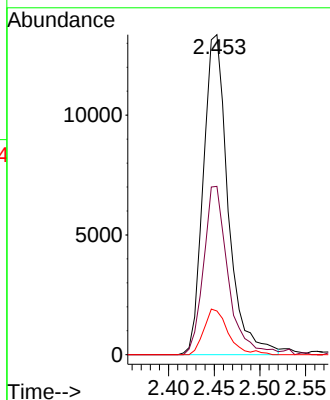
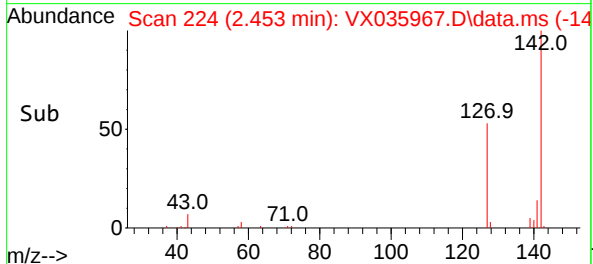
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 25158
Ion Ratio Lower Upper
142 100
127 52.6 24.5 73.5
141 13.8 7.6 22.8

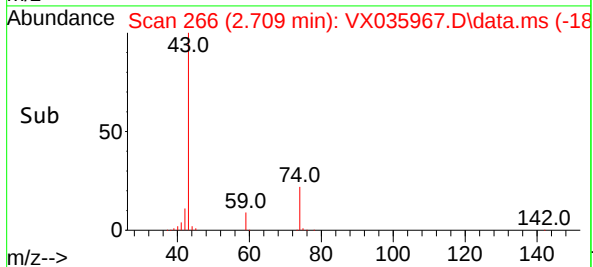
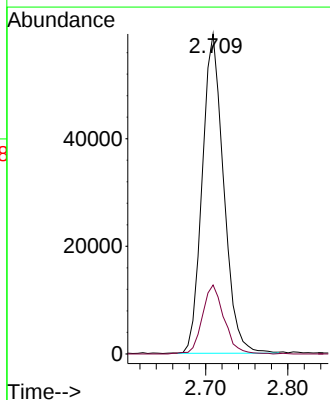
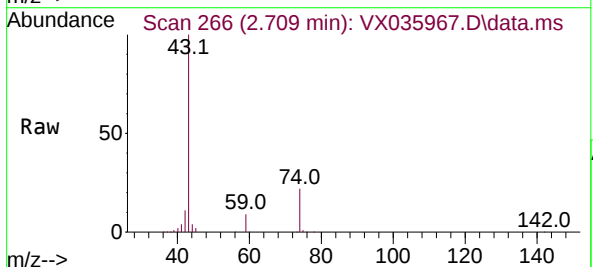
Manual Integrations
APPROVED

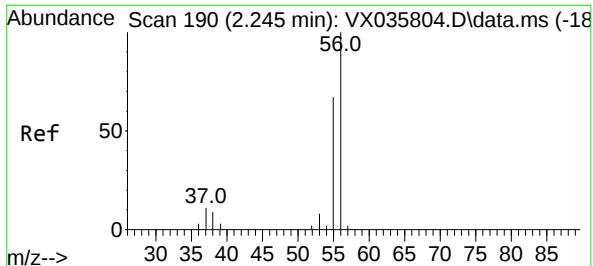
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#12
Methyl Acetate
Concen: 21.943 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

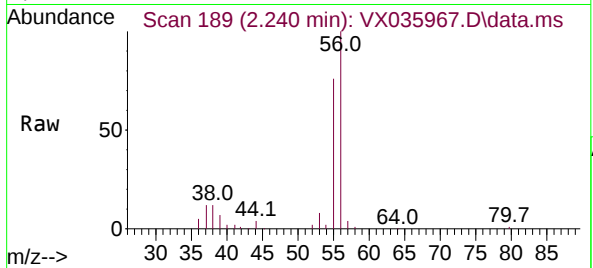
Tgt Ion: 43 Resp: 107778
Ion Ratio Lower Upper
43 100
74 21.4 18.0 27.0





#13
Acrolein
Concen: 94.086 ug/l
RT: 2.240 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

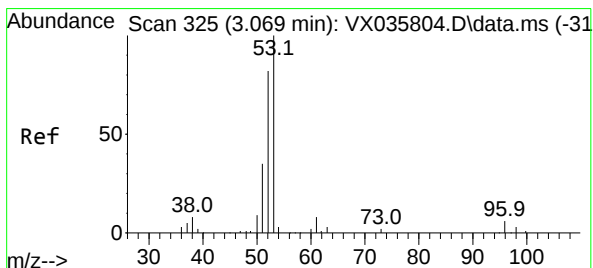
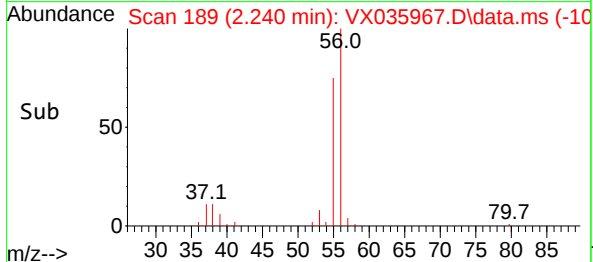
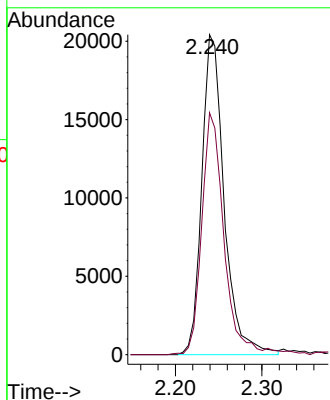
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 36530
Ion Ratio Lower Upper
56 100
55 73.0 56.6 85.0

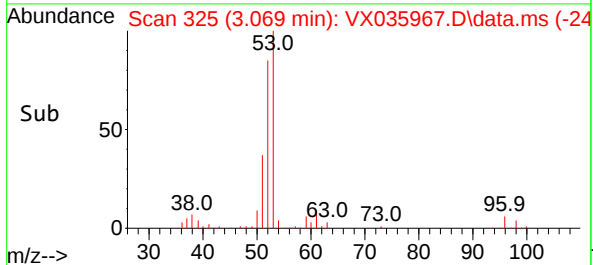
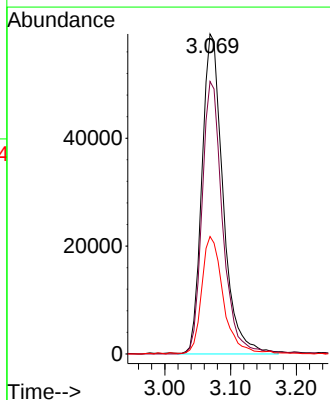
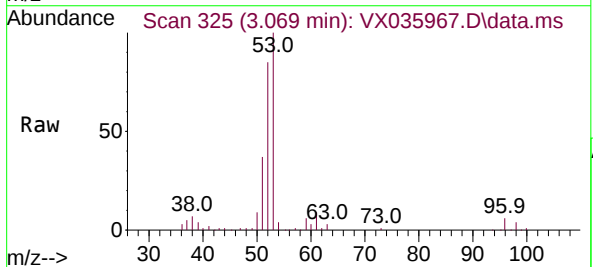
Manual Integrations
APPROVED

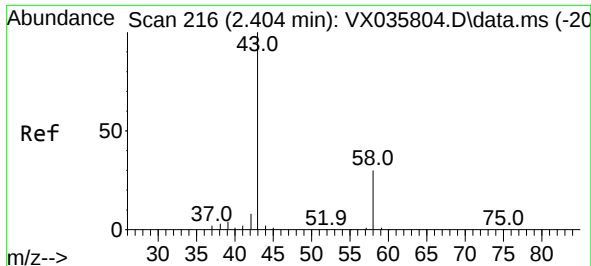
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#14
Acrylonitrile
Concen: 107.784 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Tgt Ion: 53 Resp: 132712
Ion Ratio Lower Upper
53 100
52 82.7 41.3 123.7
51 36.5 17.9 53.7





#15

Acetone

Concen: 95.765 ug/l

RT: 2.398 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX035967.D

Acq: 01 Jun 2023 18:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 58 Resp: 35269

Ion Ratio Lower Upper

58 100

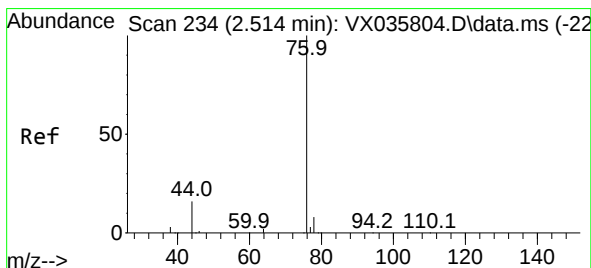
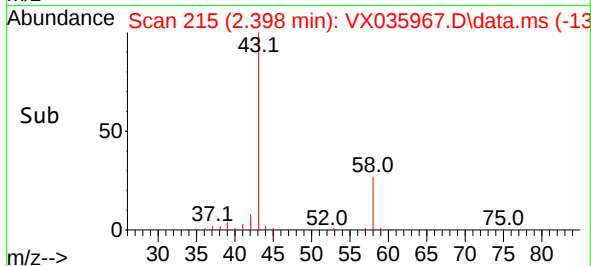
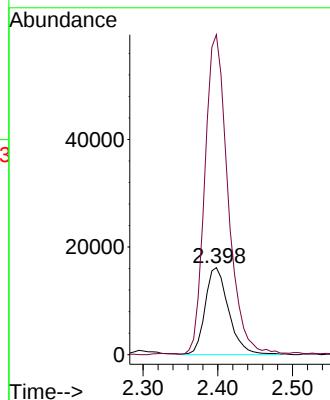
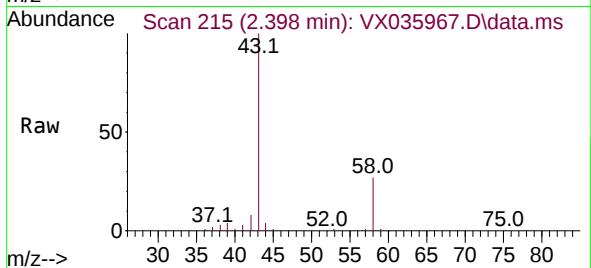
43 369.4 270.8 406.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#16

Carbon Disulfide

Concen: 16.809 ug/l

RT: 2.508 min Scan# 233

Delta R.T. -0.006 min

Lab File: VX035967.D

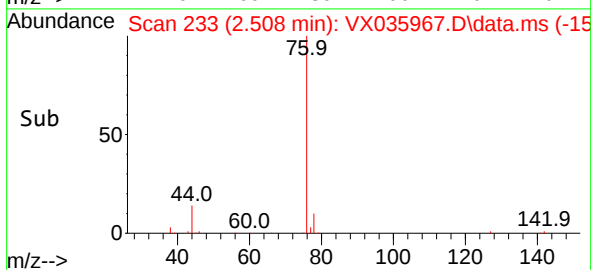
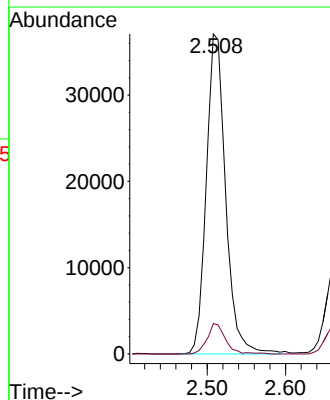
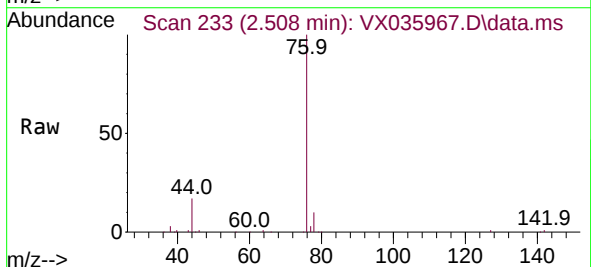
Acq: 01 Jun 2023 18:32

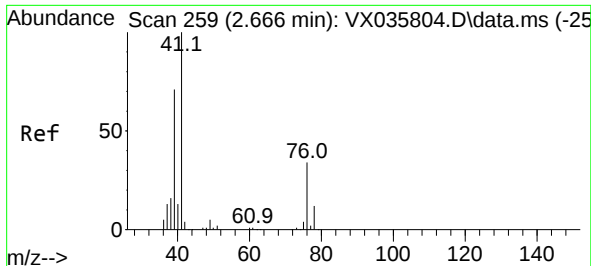
Tgt Ion: 76 Resp: 63410

Ion Ratio Lower Upper

76 100

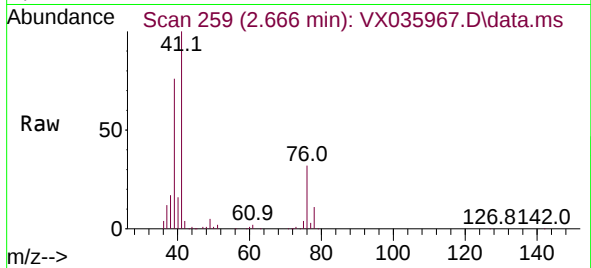
78 9.5 7.0 10.6





#17
 Allyl chloride
 Concen: 19.815 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX035967.D
 Acq: 01 Jun 2023 18:32

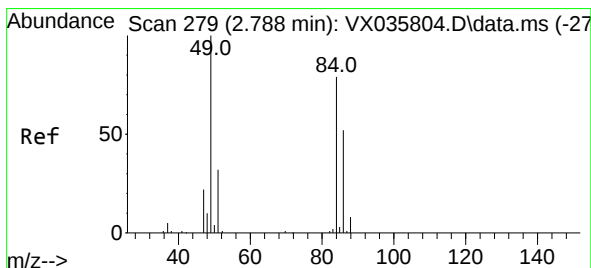
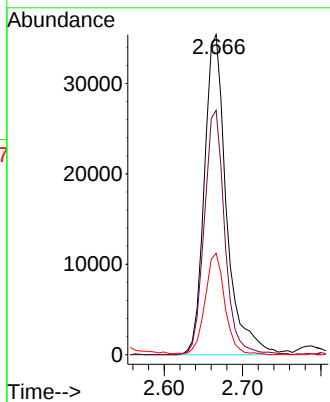
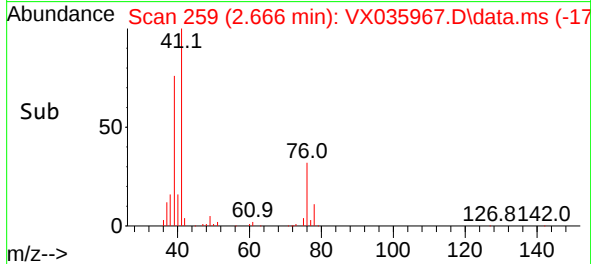
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 6948
 Ion Ratio Lower Upper
 41 100
 39 76.4 36.4 109.3
 76 31.7 17.0 51.0

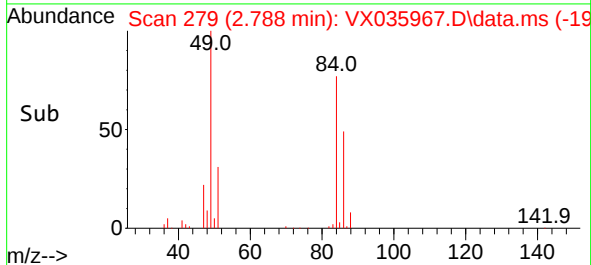
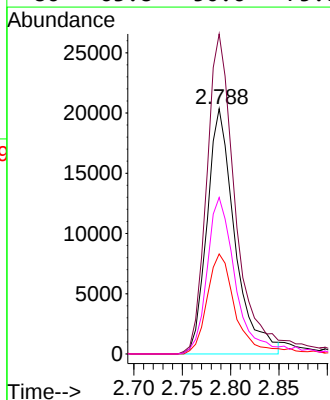
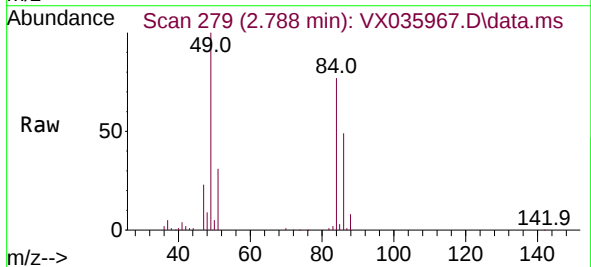
Manual Integrations
 APPROVED

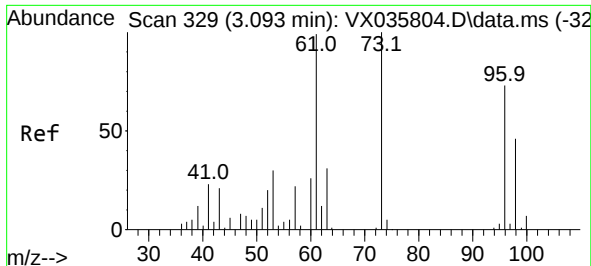
Reviewed By :John Carlone 06/02/2023
 Supervised By :Semsettin Yesilyurt 06/02/2023



#18
 Methylene Chloride
 Concen: 17.996 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX035967.D
 Acq: 01 Jun 2023 18:32

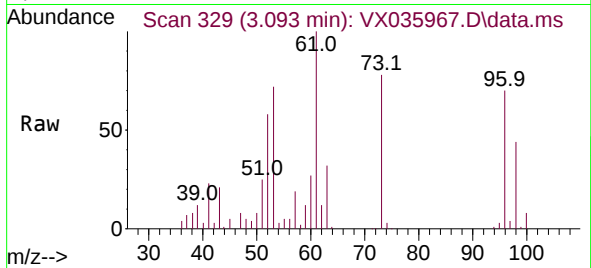
Tgt Ion: 84 Resp: 40738
 Ion Ratio Lower Upper
 84 100
 49 130.5 103.9 155.9
 51 40.8 30.6 45.8
 86 63.8 50.6 75.8





#19
trans-1,2-Dichloroethene
Concen: 18.619 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

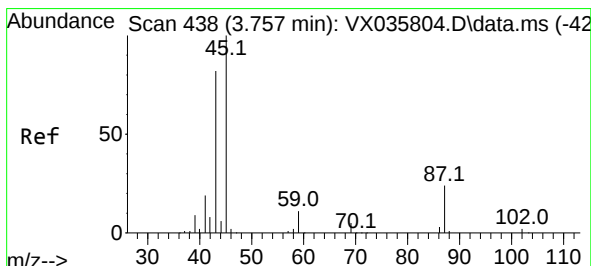
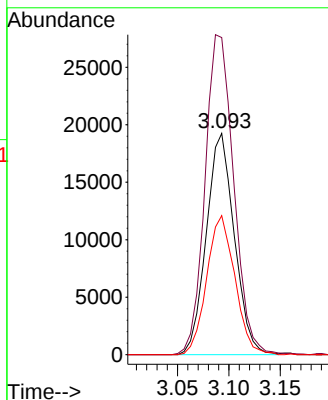
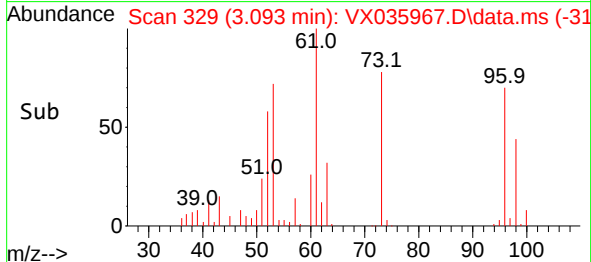
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



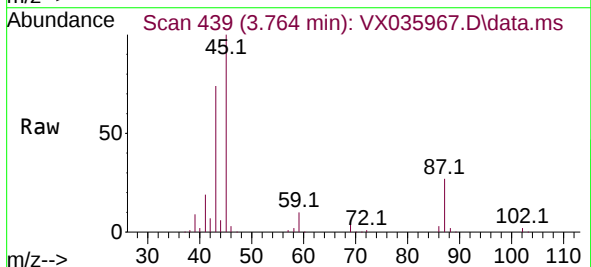
Tgt Ion: 96 Resp: 3648
Ion Ratio Lower Upper
96 100
61 142.6 111.1 166.7
98 62.8 48.6 72.8

Manual Integrations
APPROVED

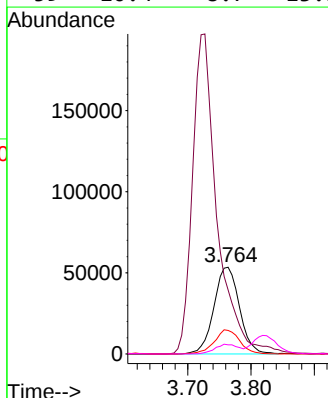
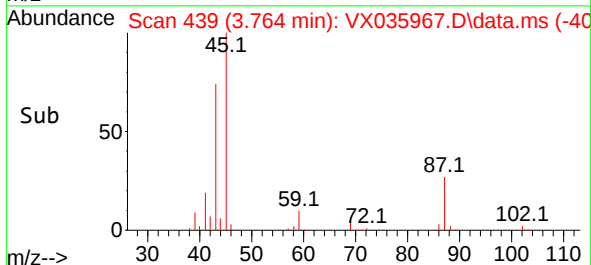
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

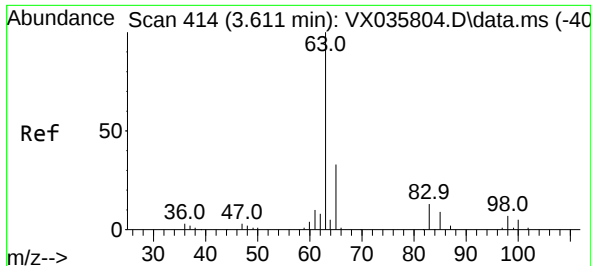


#20
Diisopropyl ether
Concen: 19.809 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32



Tgt Ion: 45 Resp: 149960
Ion Ratio Lower Upper
45 100
43 68.9 66.0 99.0
87 27.0 21.8 32.6
59 10.4 8.7 13.1





#21

1,1-Dichloroethane

Concen: 19.870 ug/l

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX035967.D

Acq: 01 Jun 2023 18:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 7884

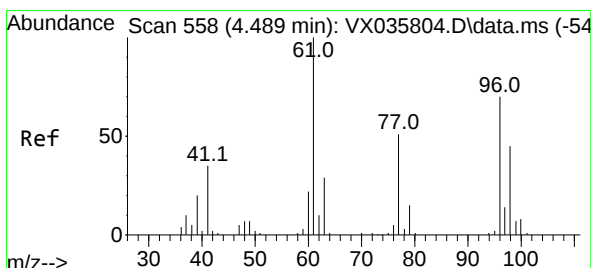
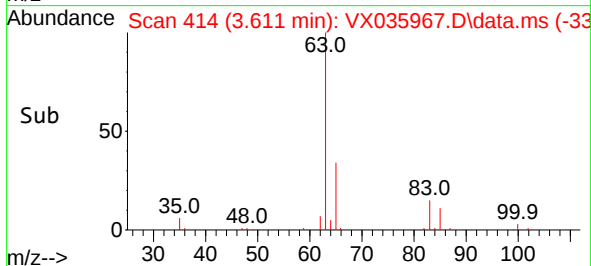
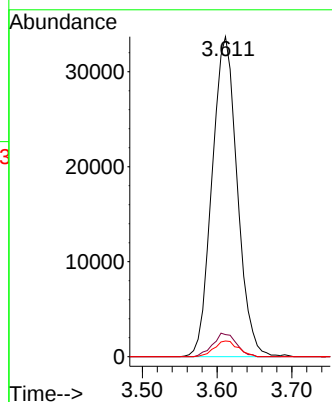
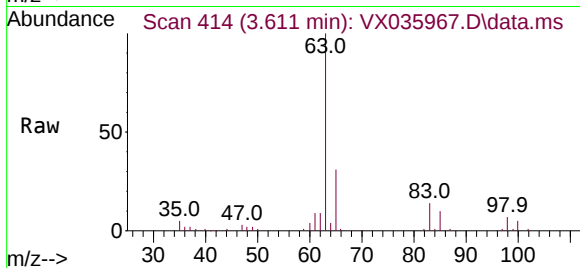
Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.5	10.6
100	4.9	2.2	6.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#22

cis-1,2-Dichloroethene

Concen: 20.018 ug/l

RT: 4.489 min Scan# 558

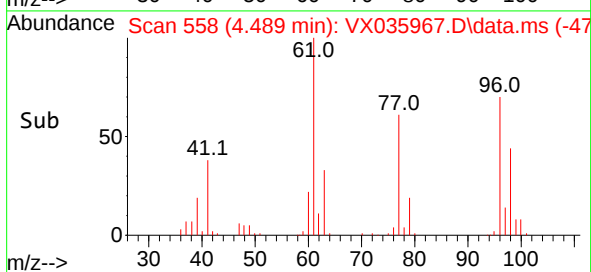
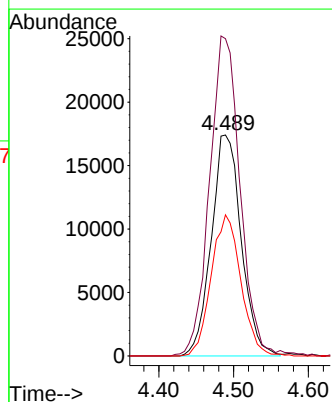
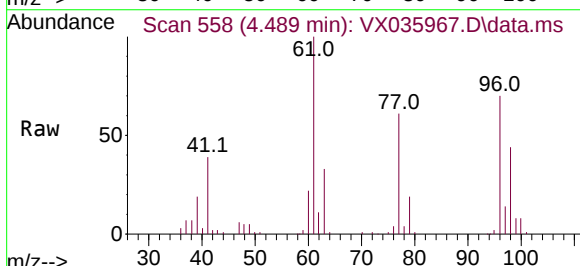
Delta R.T. 0.000 min

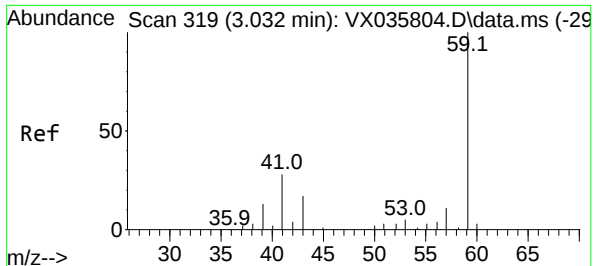
Lab File: VX035967.D

Acq: 01 Jun 2023 18:32

Tgt Ion: 96 Resp: 48537

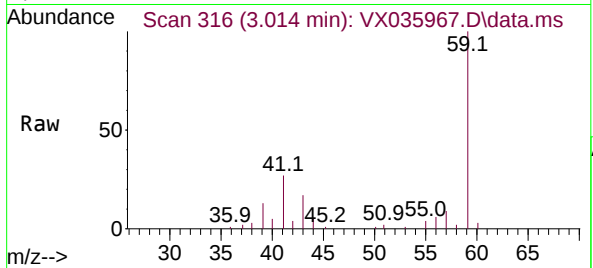
Ion	Ratio	Lower	Upper
96	100		
61	146.5	121.7	182.5
98	63.0	52.2	78.2





#23
tert-Butyl Alcohol
Concen: 123.883 ug/l m
RT: 3.014 min Scan# 319
Delta R.T. -0.018 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

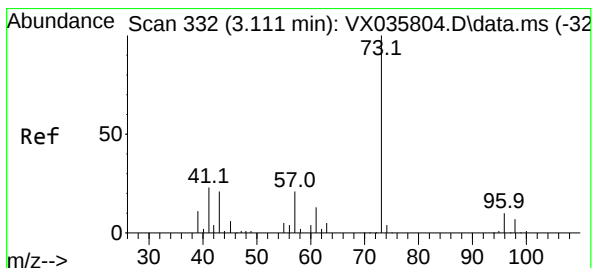
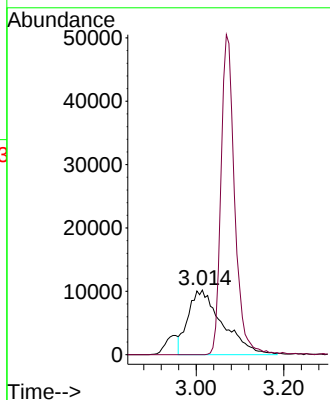
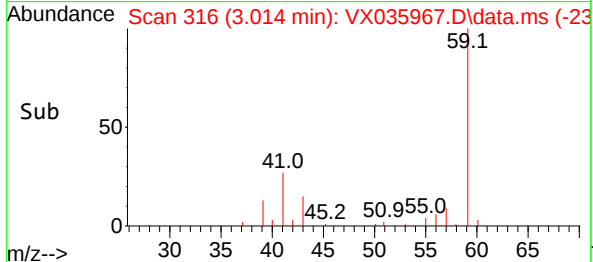
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 55679
Ion Ratio Lower Upper
59 100
52 197.2 0.2 0.4

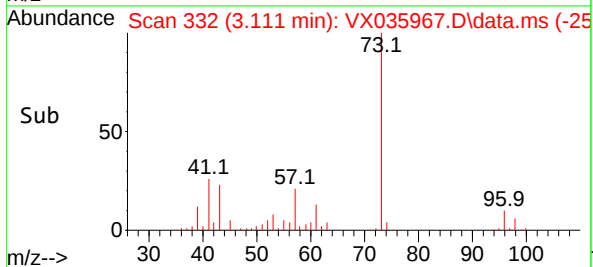
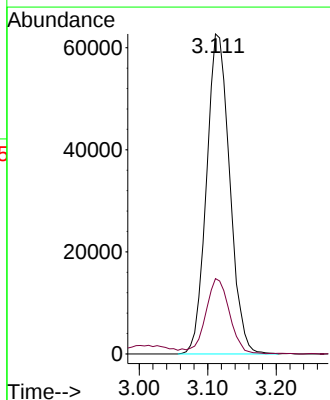
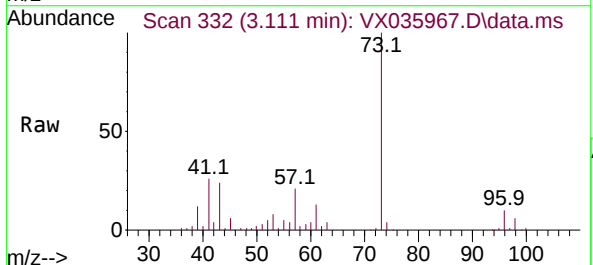
Manual Integrations
APPROVED

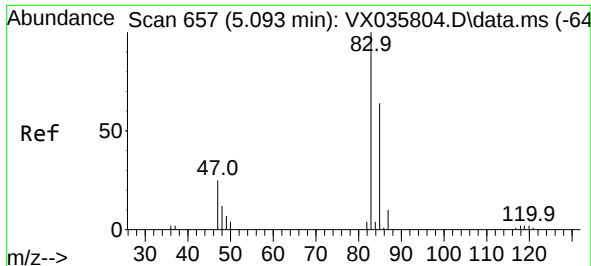
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#24
Methyl tert-Butyl Ether
Concen: 21.043 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Tgt Ion: 73 Resp: 147421
Ion Ratio Lower Upper
73 100
43 23.7 17.9 26.9





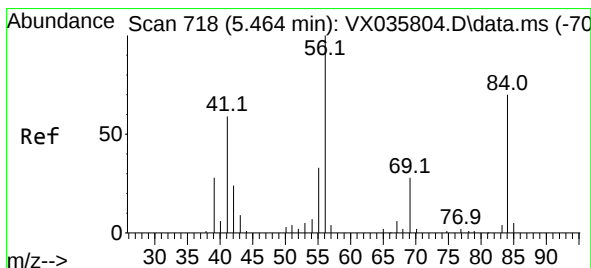
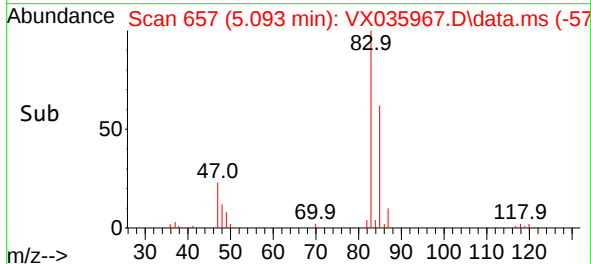
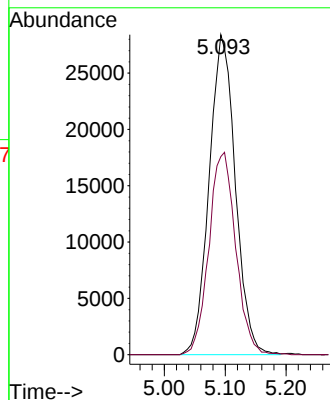
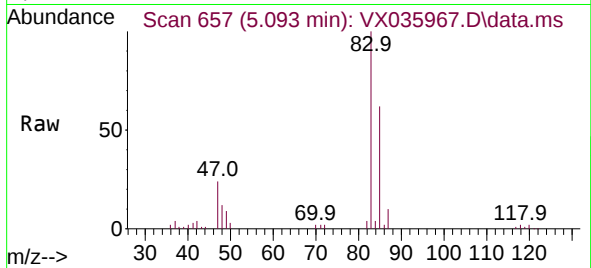
#25
Chloroform
Concen: 20.865 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 84962
Ion Ratio Lower Upper
83 100
85 61.9 51.2 76.8

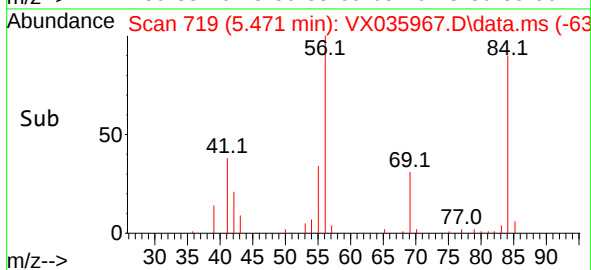
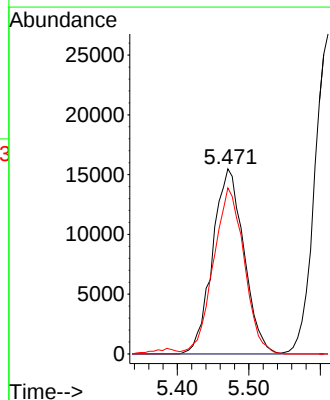
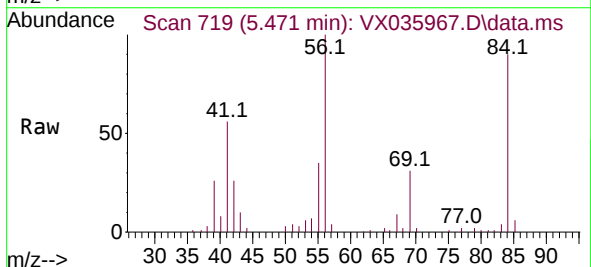
Manual Integrations
APPROVED

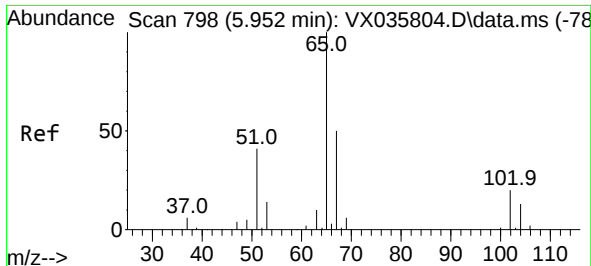
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#26
Cyclohexane
Concen: 15.688 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Tgt Ion: 56 Resp: 47081
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: 31.541 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035967.D

Acq: 01 Jun 2023 18:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 90875

Ion Ratio Lower Upper

65 100

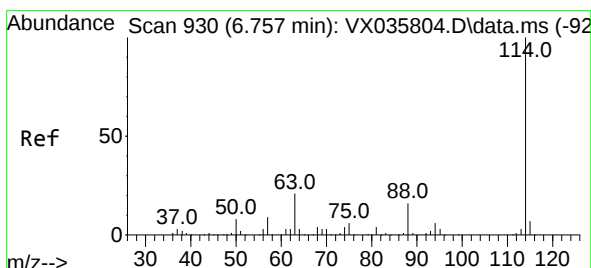
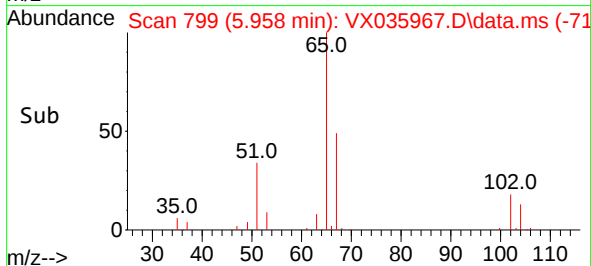
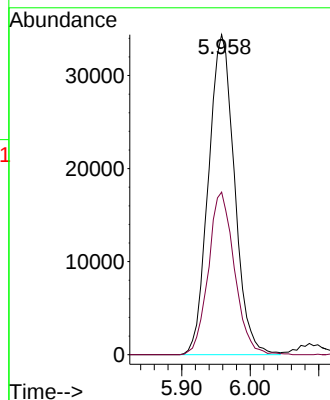
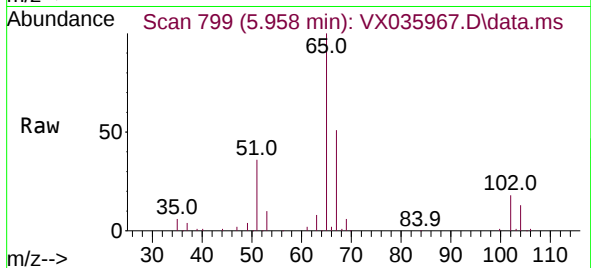
67 50.5 40.9 61.3

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: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX035967.D

Acq: 01 Jun 2023 18:32

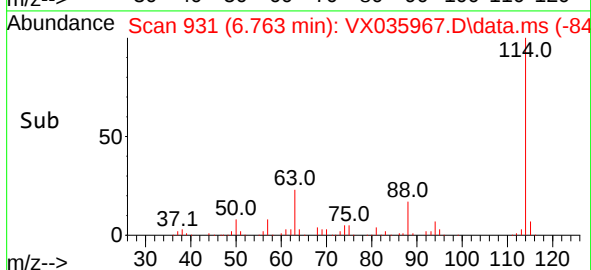
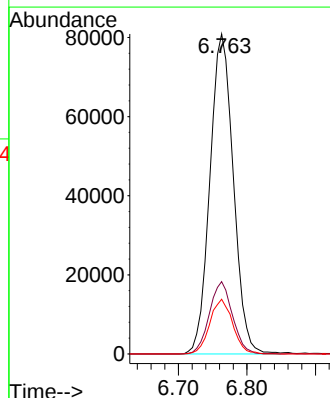
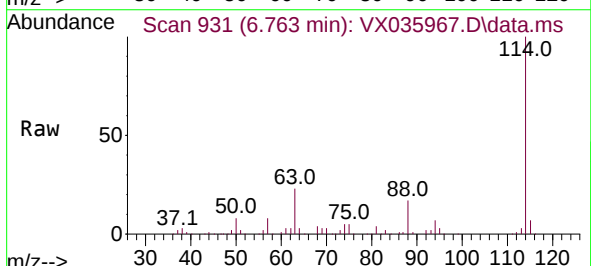
Tgt Ion:114 Resp: 192244

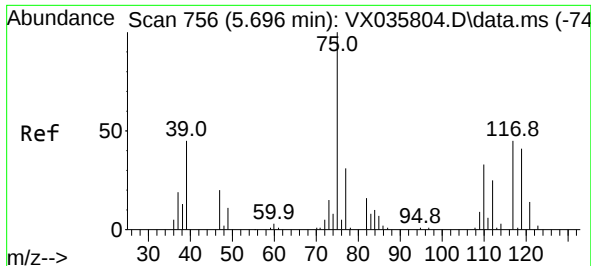
Ion Ratio Lower Upper

114 100

63 22.2 18.0 27.0

88 16.7 13.3 19.9





#29

1,1-Dichloropropene

Concen: 19.242 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX035967.D

Acq: 01 Jun 2023 18:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 5151

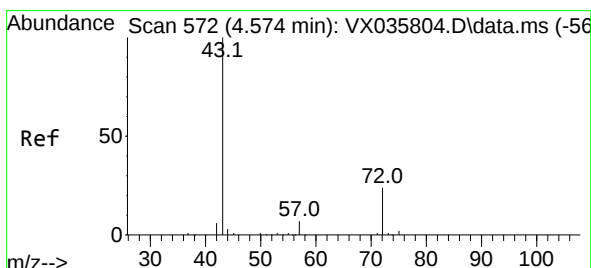
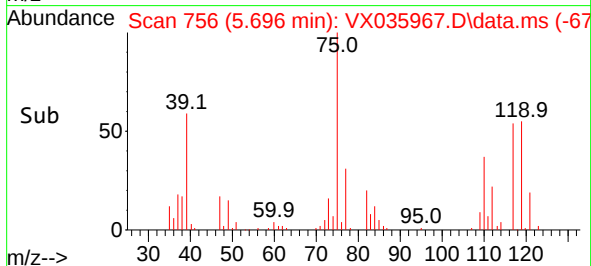
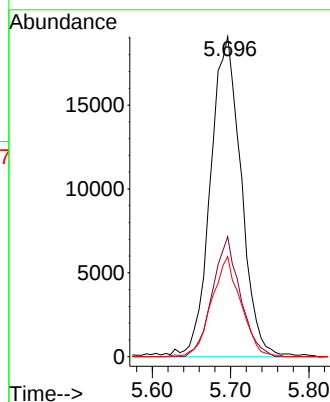
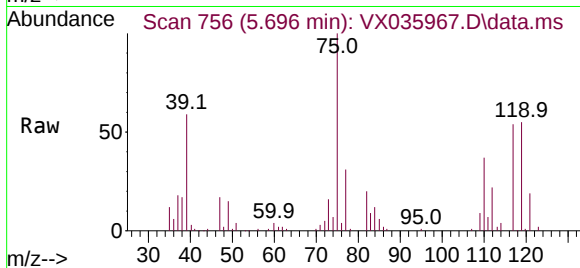
Ion	Ratio	Lower	Upper
75	100		
110	34.2	0.0	71.4
77	29.9	0.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#30

2-Butanone

Concen: 110.970 ug/l

RT: 4.568 min Scan# 571

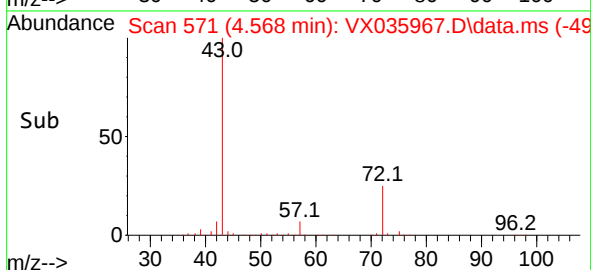
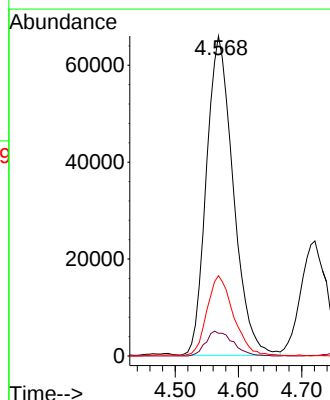
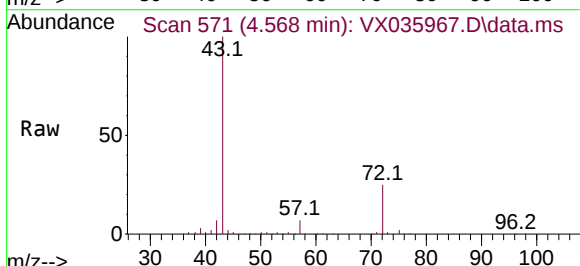
Delta R.T. -0.006 min

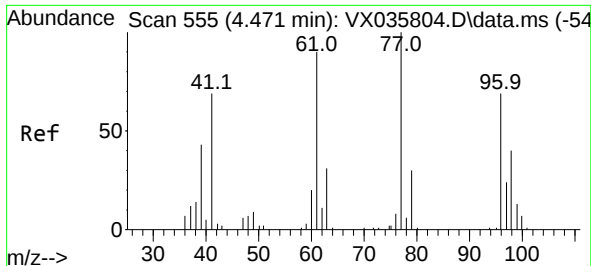
Lab File: VX035967.D

Acq: 01 Jun 2023 18:32

Tgt Ion: 43 Resp: 194468

Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.3	9.5
72	24.2	19.6	29.4





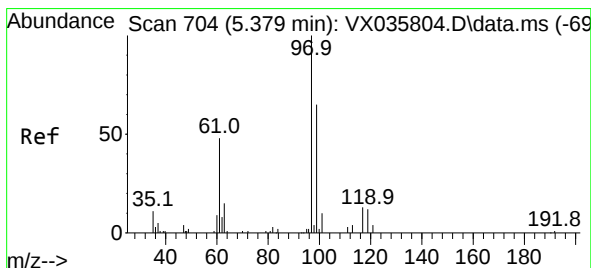
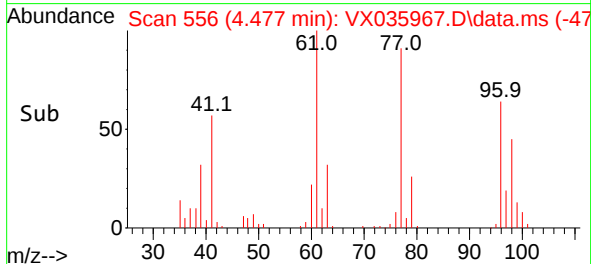
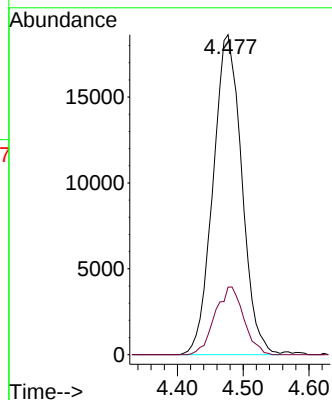
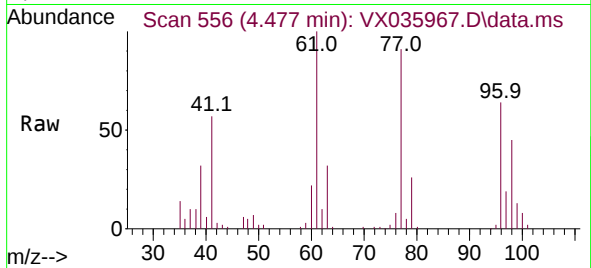
#31
2,2-Dichloropropane
Concen: 19.680 ug/l
RT: 4.477 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 5660
Ion Ratio Lower Upper
77 100
97 21.2 18.2 27.4

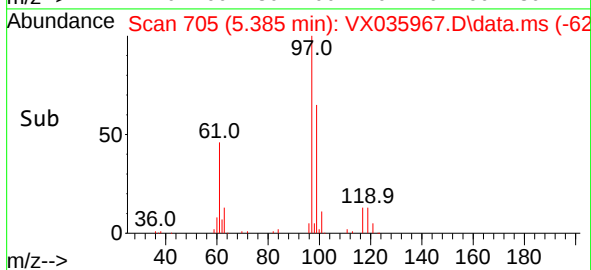
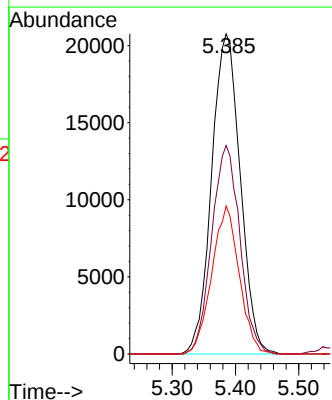
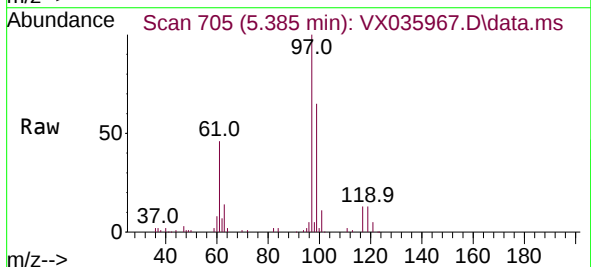
Manual Integrations
APPROVED

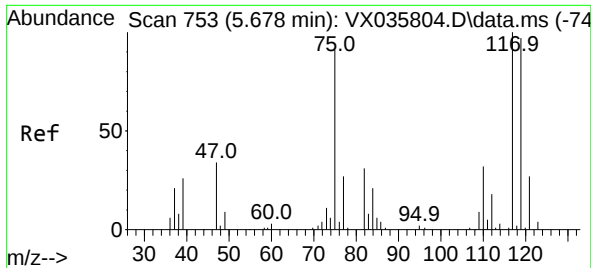
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#32
1,1,1-Trichloroethane
Concen: 20.862 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

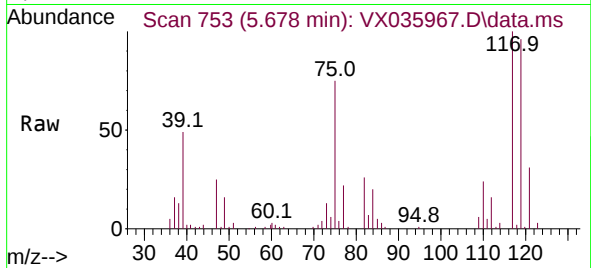
Tgt Ion: 97 Resp: 65219
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 44.3 36.6 55.0





#33
Carbon Tetrachloride
Concen: 20.002 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

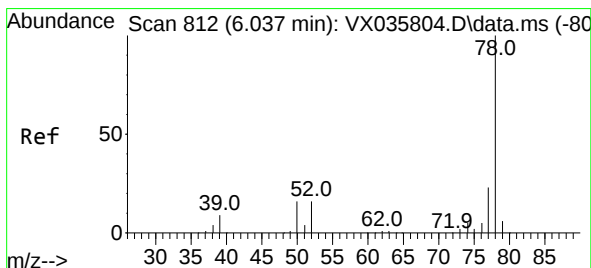
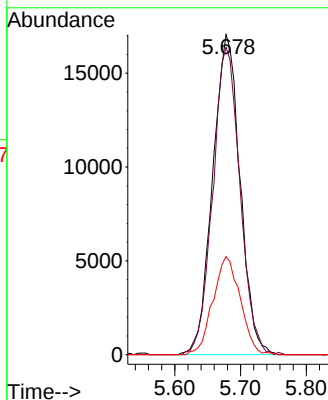
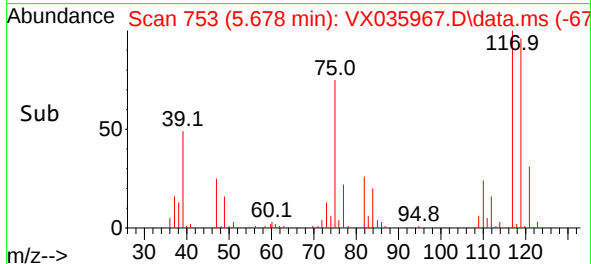
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 4937
Ion Ratio Lower Upper
117 100
119 96.0 73.3 109.9
121 30.7 24.0 36.0

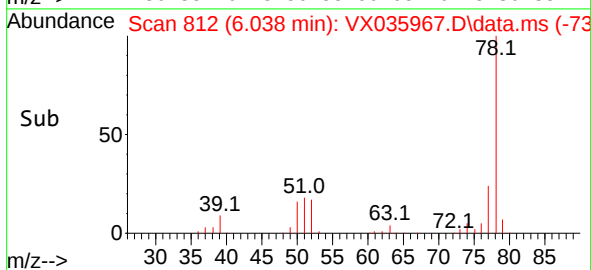
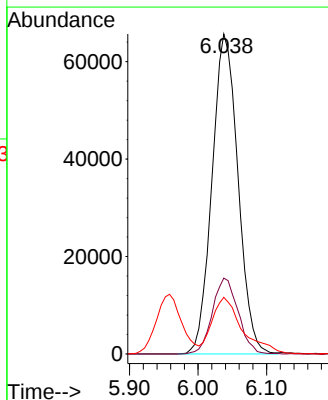
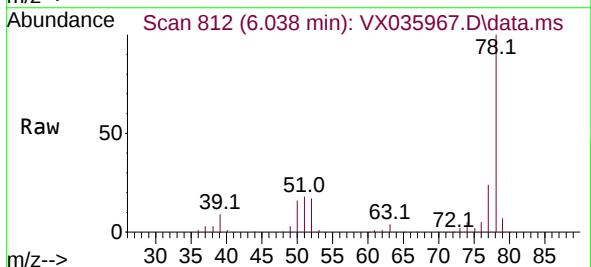
Manual Integrations
APPROVED

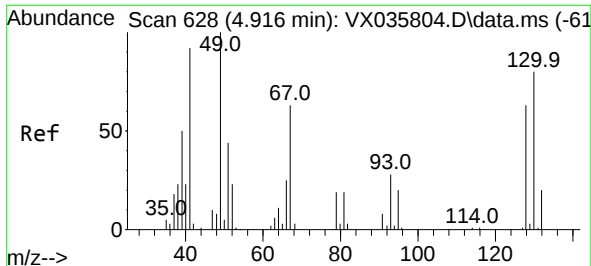
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#34
Benzene
Concen: 20.443 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Tgt Ion: 78 Resp: 172648
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4
51 16.7 14.6 21.8





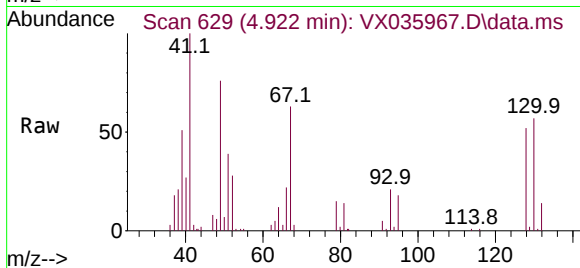
#35
Methacrylonitrile
Concen: 21.752 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

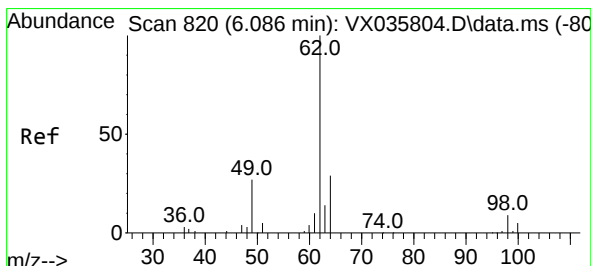
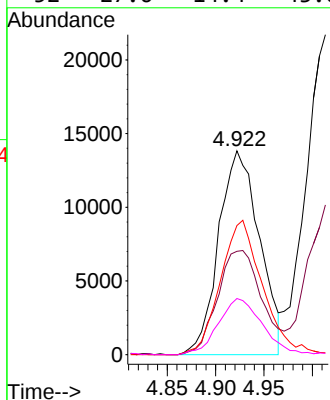
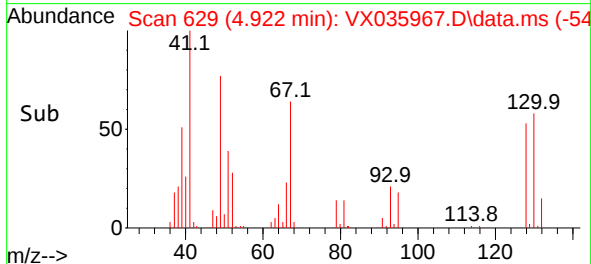


Tgt Ion: 41 Resp: 40670
Ion Ratio Lower Upper
41 100
39 50.7 28.0 84.0
67 63.3 31.6 94.7
52 27.6 14.4 43.0

Manual Integrations

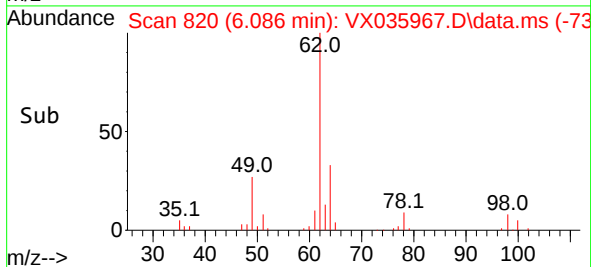
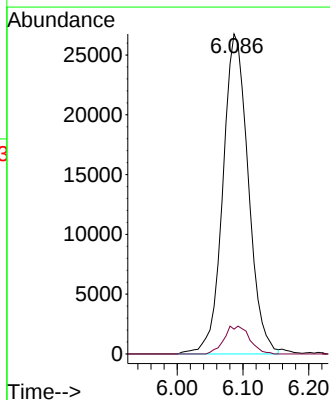
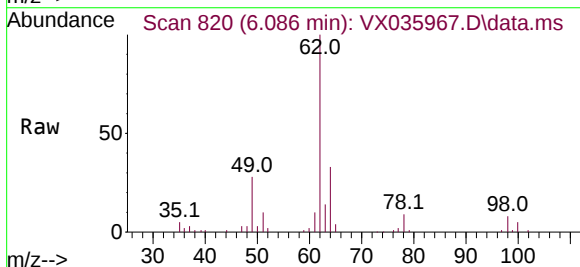
APPROVED

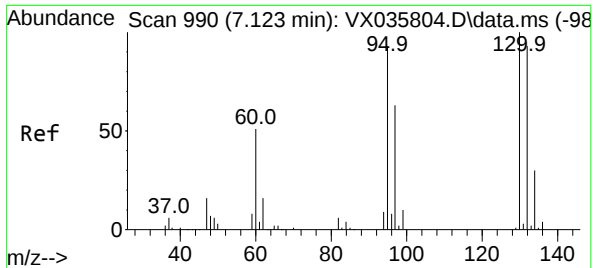
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#36
1,2-Dichloroethane
Concen: 21.905 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Tgt Ion: 62 Resp: 71997
Ion Ratio Lower Upper
62 100
98 4.0 7.0 10.6#





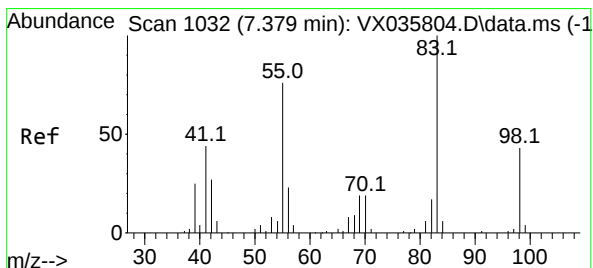
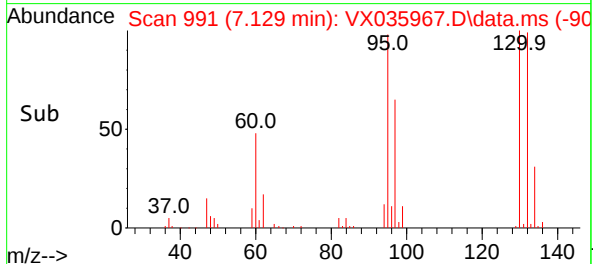
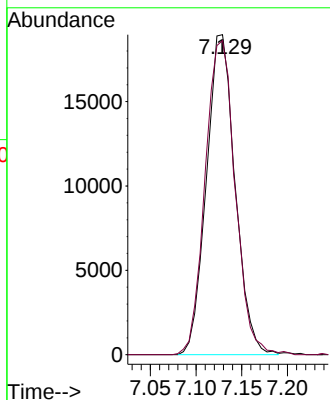
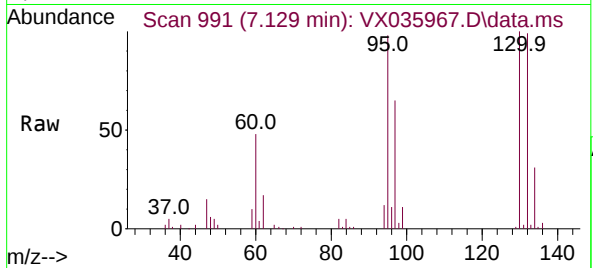
#37
Trichloroethene
Concen: 19.523 ug/l
RT: 7.129 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:130 Resp: 4144
Ion Ratio Lower Upper
130 100
95 97.8 77.8 116.6

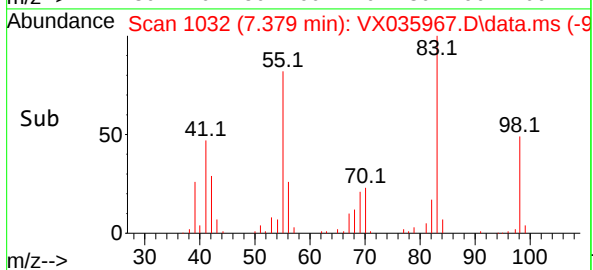
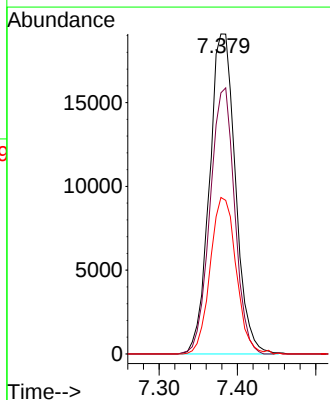
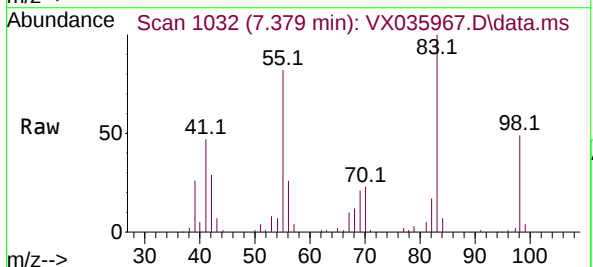
Manual Integrations
APPROVED

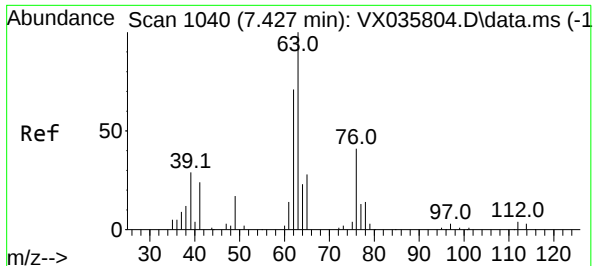
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#38
Methylcyclohexane
Concen: 15.036 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Tgt Ion: 83 Resp: 44145
Ion Ratio Lower Upper
83 100
55 78.7 38.8 116.4
98 48.5 23.8 71.2





#39

1,2-Dichloropropane

Concen: 20.036 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX035967.D

Acq: 01 Jun 2023 18:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 45540

Ion Ratio Lower Upper

63 100

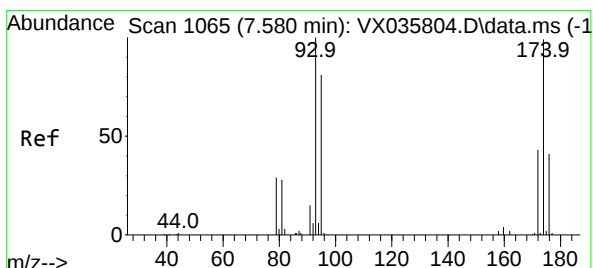
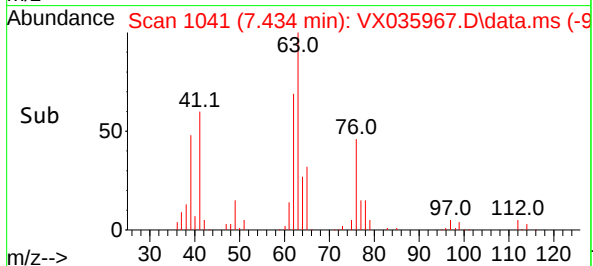
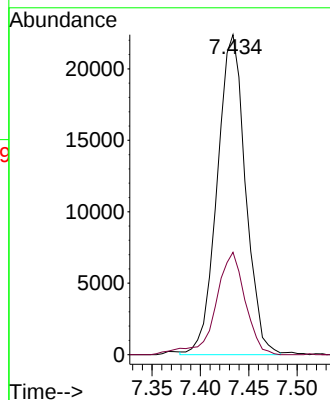
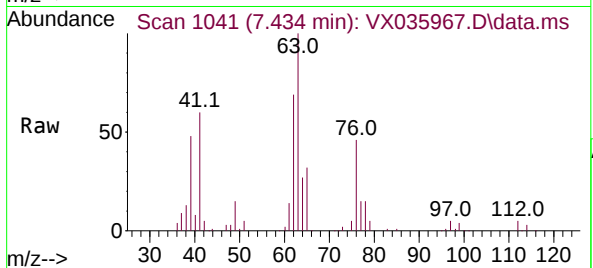
65 32.2 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#40

Dibromomethane

Concen: 20.777 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX035967.D

Acq: 01 Jun 2023 18:32

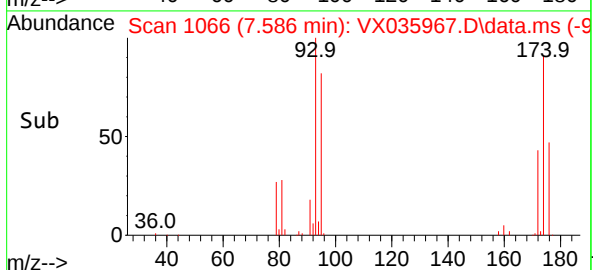
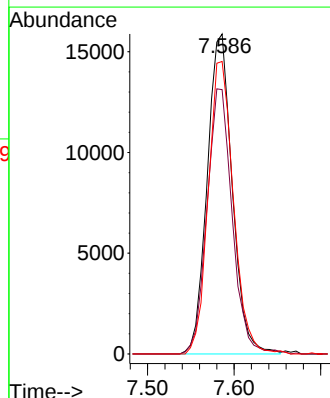
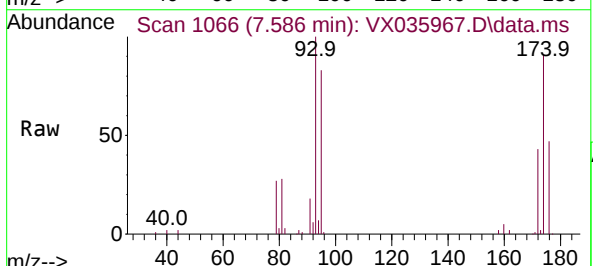
Tgt Ion: 93 Resp: 31944

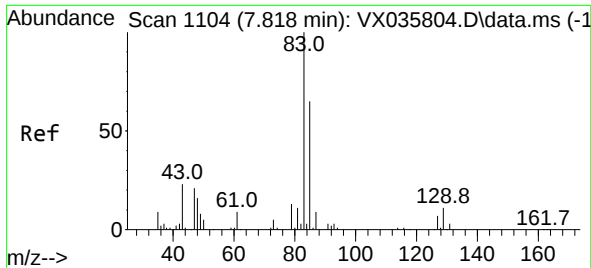
Ion Ratio Lower Upper

93 100

95 82.9 0.0 165.8

174 91.5 0.0 188.8





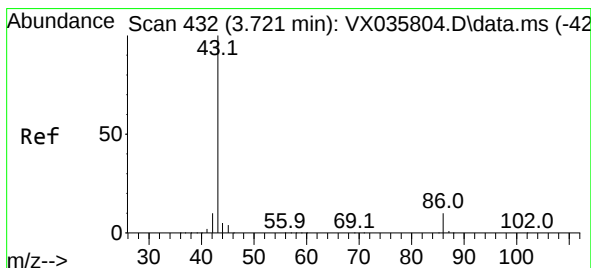
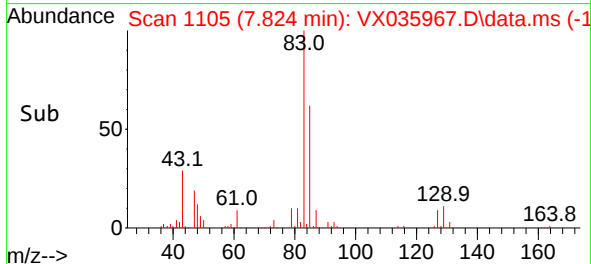
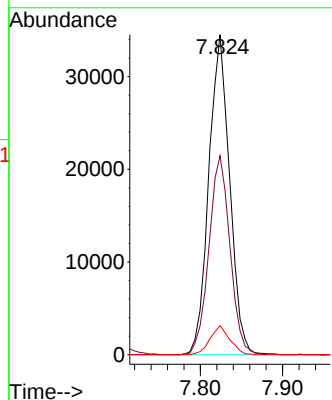
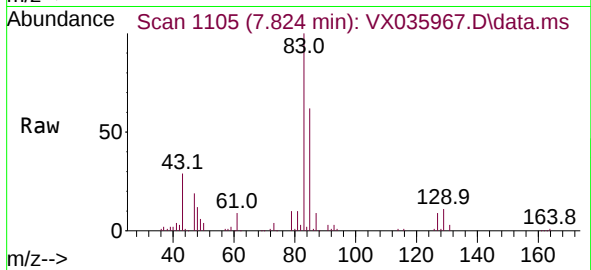
#41
Bromodichloromethane
Concen: 21.845 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 6071
Ion Ratio Lower Upper
83 100
85 62.2 51.1 76.7
127 9.1 8.2 12.4

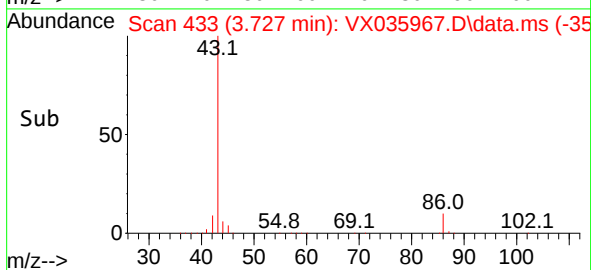
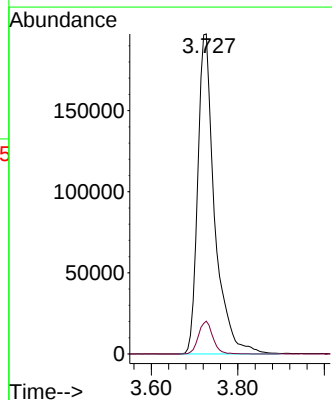
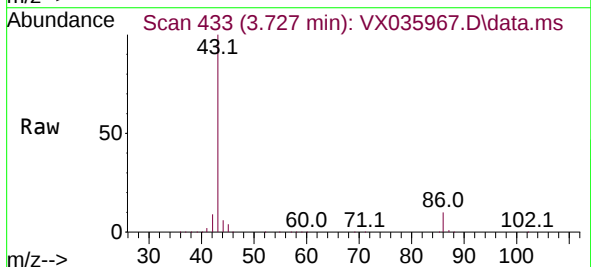
Manual Integrations
APPROVED

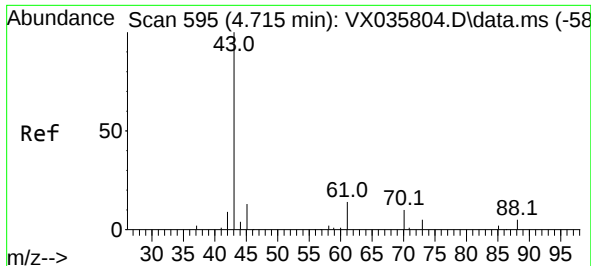
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#42
Vinyl Acetate
Concen: 103.814 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Tgt Ion: 43 Resp: 534389
Ion Ratio Lower Upper
43 100
86 8.7 6.9 10.3





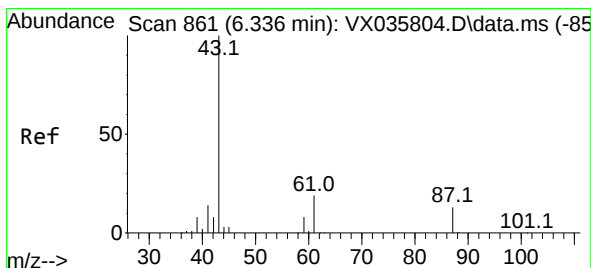
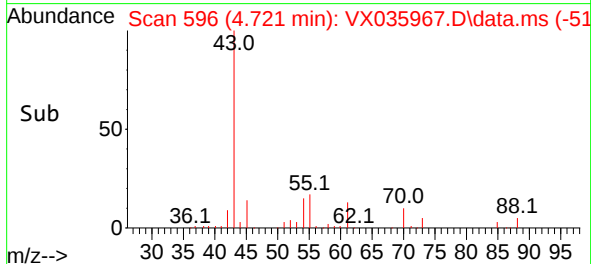
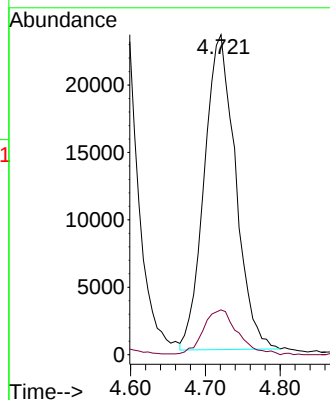
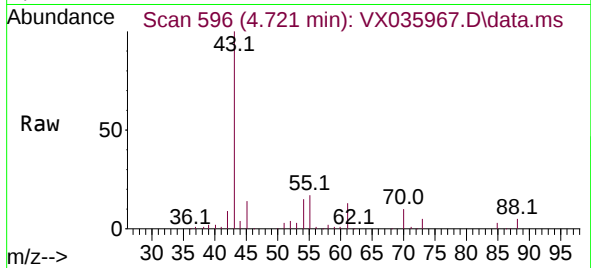
#43
Ethyl Acetate
Concen: 20.329 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 6794
Ion Ratio Lower Upper
43 100
45 15.7 12.0 18.0

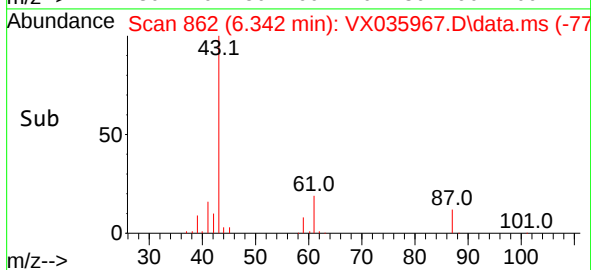
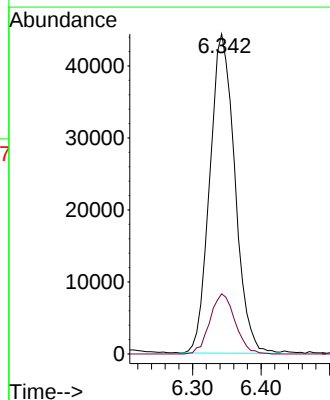
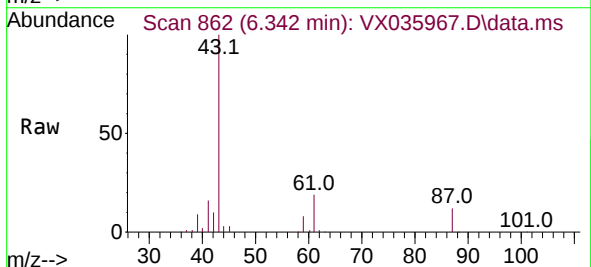
Manual Integrations
APPROVED

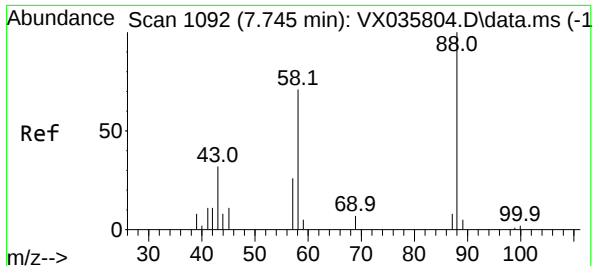
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#44
Isopropyl Acetate
Concen: 20.658 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Tgt Ion: 43 Resp: 112541
Ion Ratio Lower Upper
43 100
61 18.9 15.4 23.0





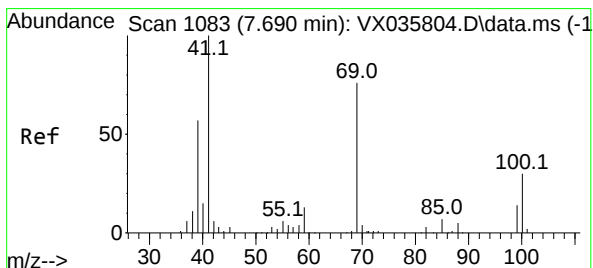
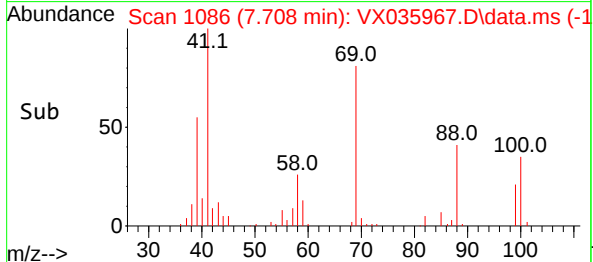
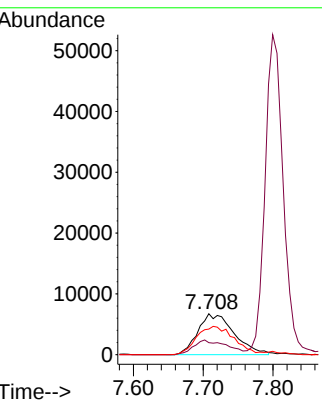
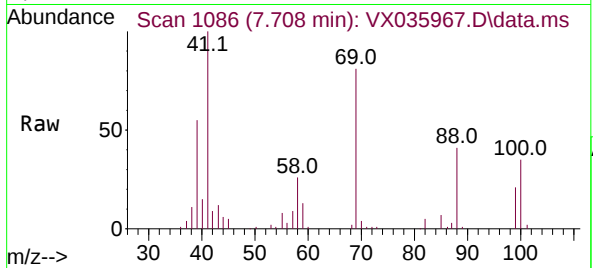
#45
1,4-Dioxane
Concen: 467.829 ug/l m
RT: 7.708 min Scan# 1086
Delta R.T. -0.036 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 88 Resp: 2420
Ion Ratio Lower Upper
88 100
43 18.7 26.5 39.7
58 71.0 55.6 83.4

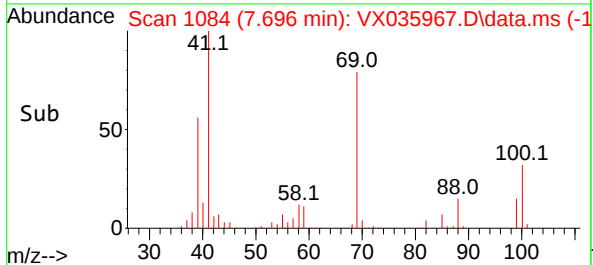
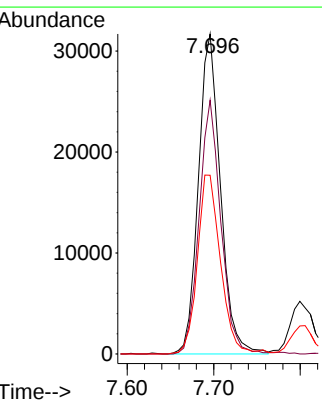
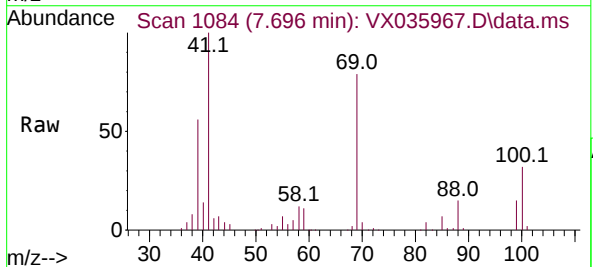
Manual Integrations
APPROVED

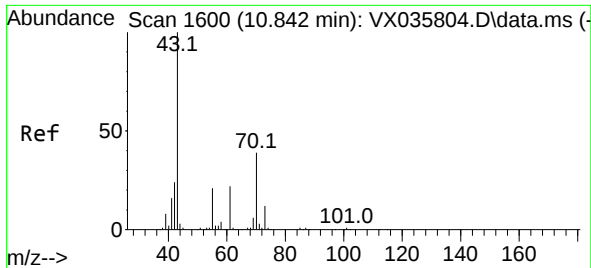
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#46
Methyl methacrylate
Concen: 21.280 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

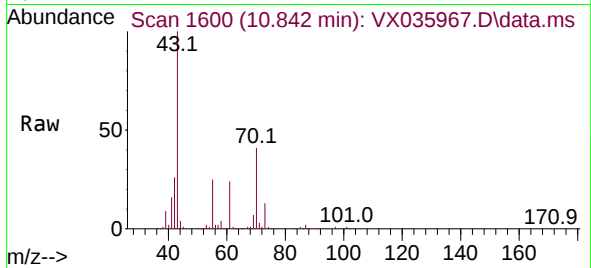
Tgt Ion: 41 Resp: 56013
Ion Ratio Lower Upper
41 100
69 79.3 38.1 114.5
39 55.9 31.4 94.3





#47
n-amyl acetate
Concen: 20.197 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

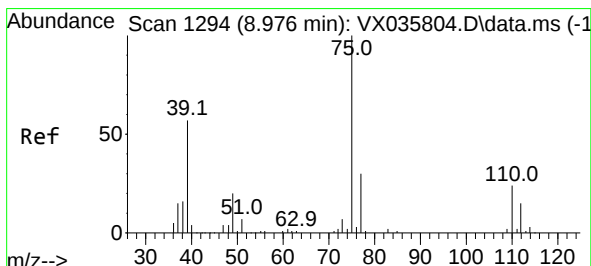
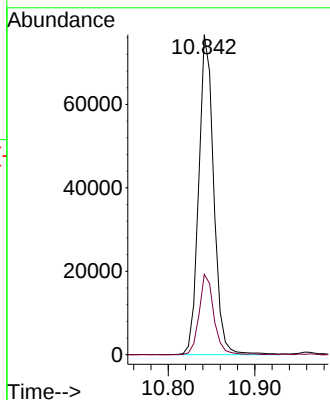
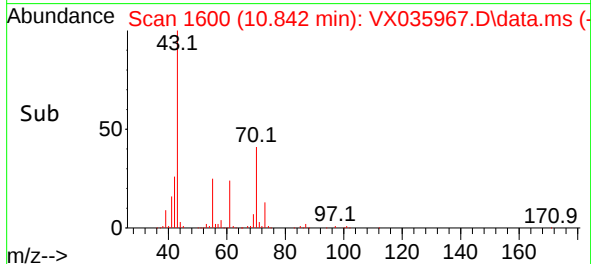
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 9242
Ion Ratio Lower Upper
43 100
55 24.5 18.6 28.0

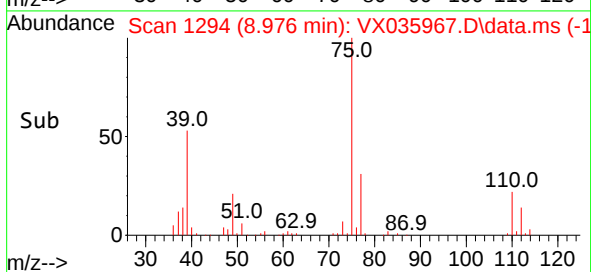
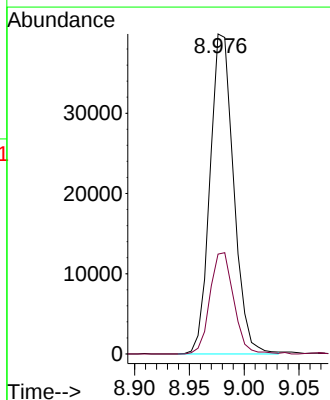
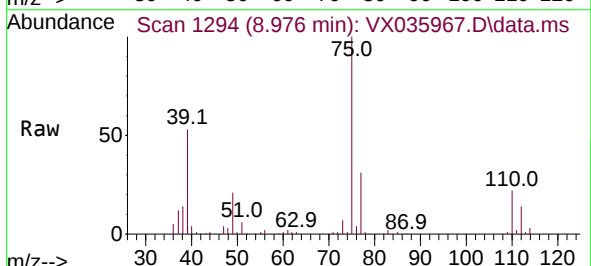
Manual Integrations
APPROVED

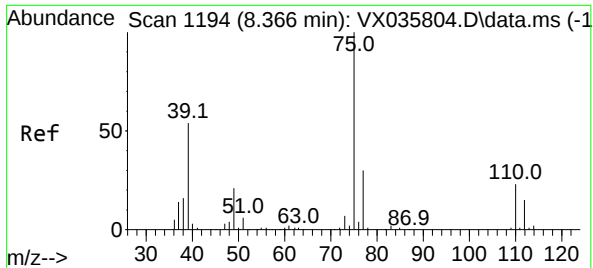
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#48
t-1,3-Dichloropropene
Concen: 19.493 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Tgt Ion: 75 Resp: 59939
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 19.918 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035967.D

Acq: 01 Jun 2023 18:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 67589

Ion Ratio Lower Upper

75 100

77 31.4 24.6 37.0

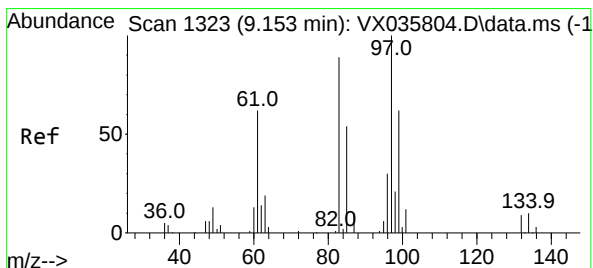
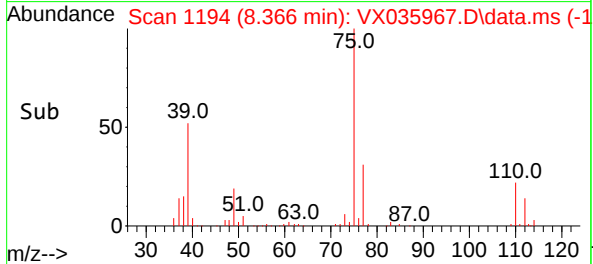
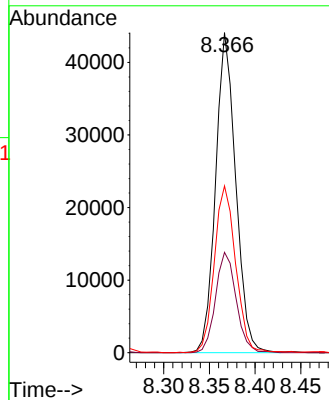
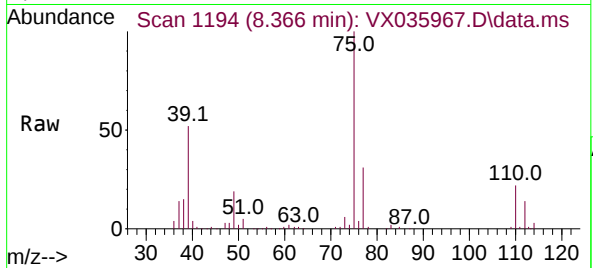
39 52.0 44.2 66.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#50

1,1,2-Trichloroethane

Concen: 21.106 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX035967.D

Acq: 01 Jun 2023 18:32

Tgt Ion: 97 Resp: 46424

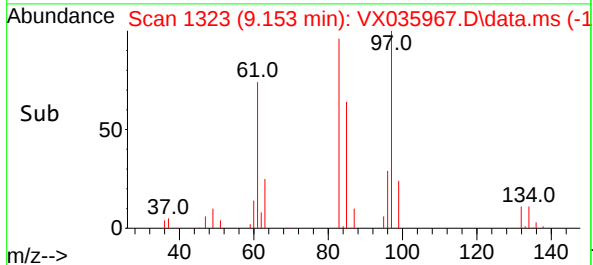
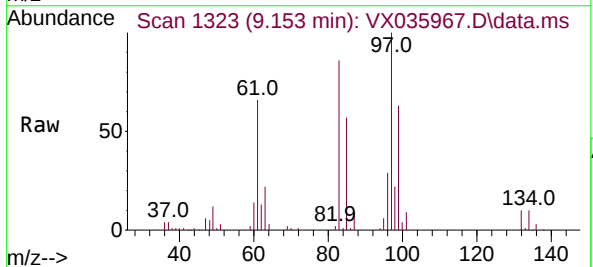
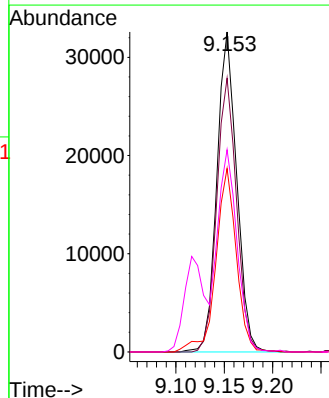
Ion Ratio Lower Upper

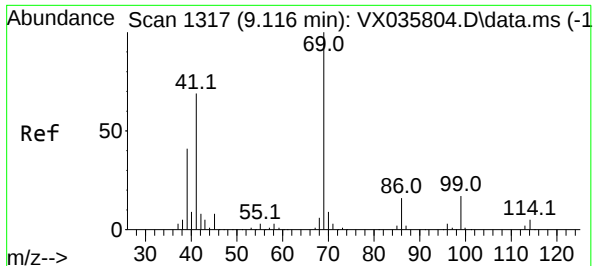
97 100

83 85.5 68.9 103.3

85 57.1 44.0 66.0

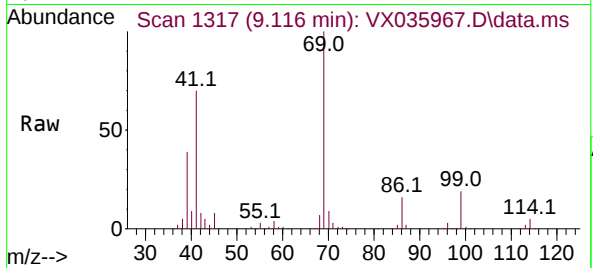
99 62.7 49.0 73.4





#51
Ethyl methacrylate
Concen: 20.672 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

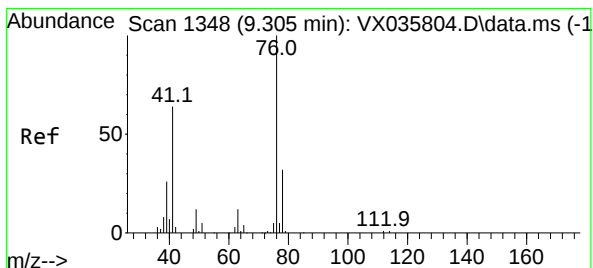
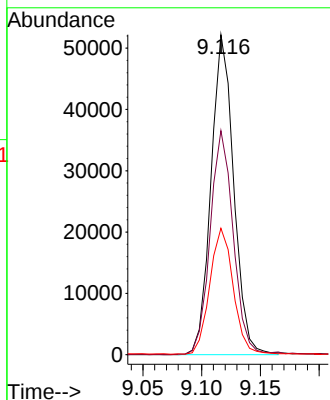
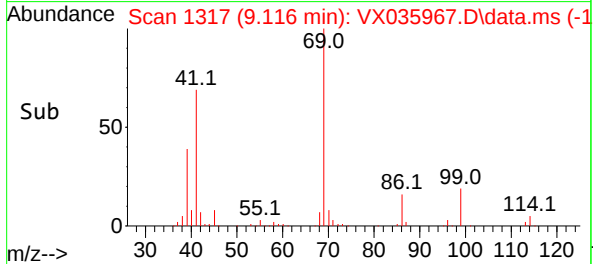
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



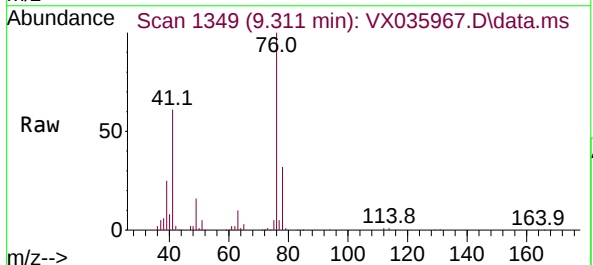
Tgt Ion: 69 Resp: 7009
Ion Ratio Lower Upper
69 100
41 69.8 36.2 108.6
39 39.2 21.2 63.6

Manual Integrations
APPROVED

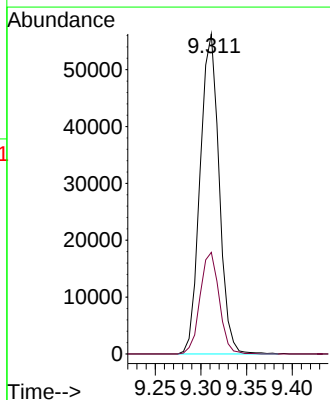
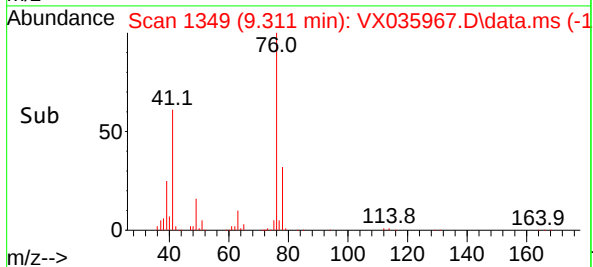
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

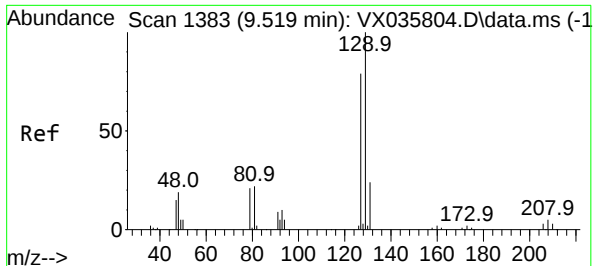


#52
1,3-Dichloropropane
Concen: 21.222 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32



Tgt Ion: 76 Resp: 81348
Ion Ratio Lower Upper
76 100
78 31.8 0.0 63.8





#53

Dibromochloromethane

Concen: 21.642 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX035967.D

Acq: 01 Jun 2023 18:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:129 Resp: 43650

Ion Ratio Lower Upper

129 100

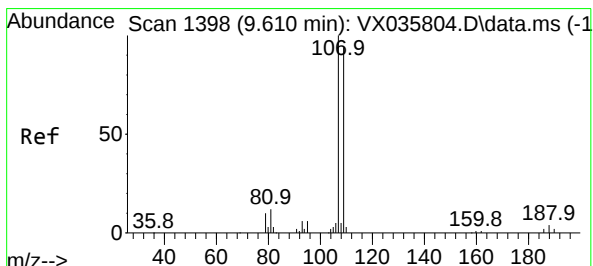
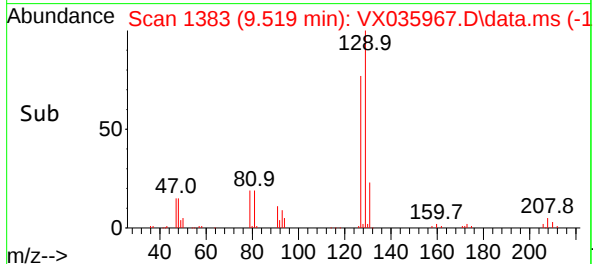
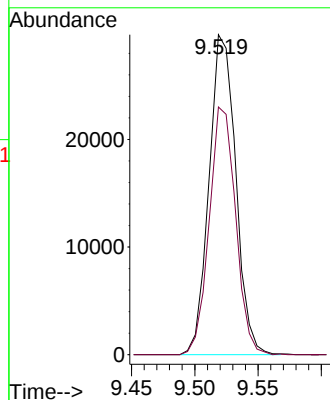
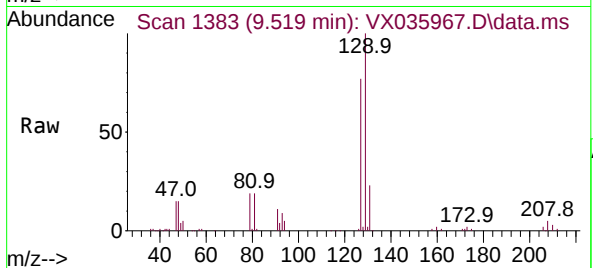
127 76.5 39.1 117.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#54

1,2-Dibromoethane

Concen: 20.952 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX035967.D

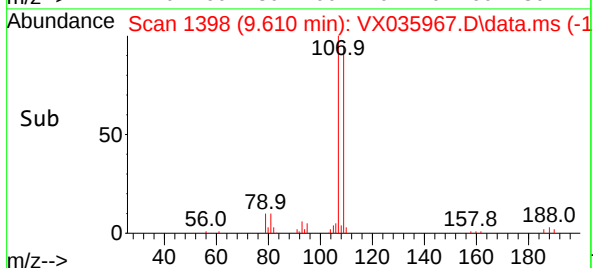
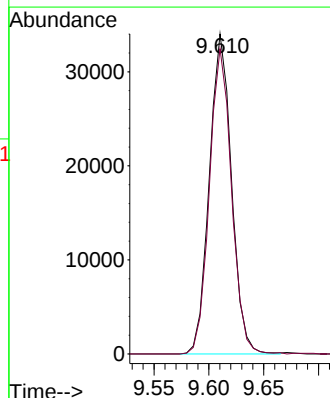
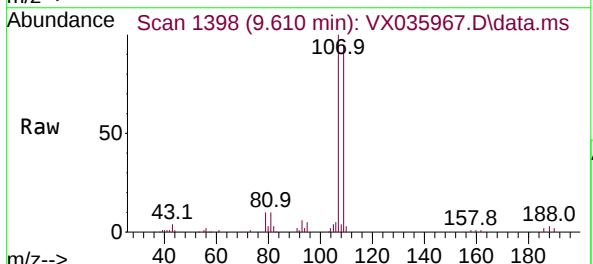
Acq: 01 Jun 2023 18:32

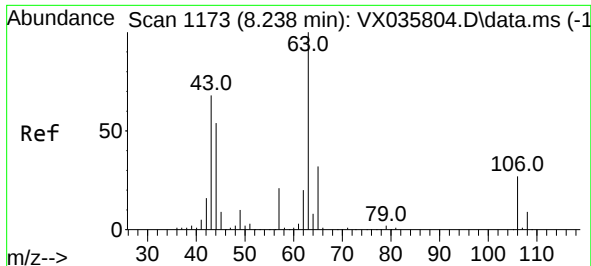
Tgt Ion:107 Resp: 47880

Ion Ratio Lower Upper

107 100

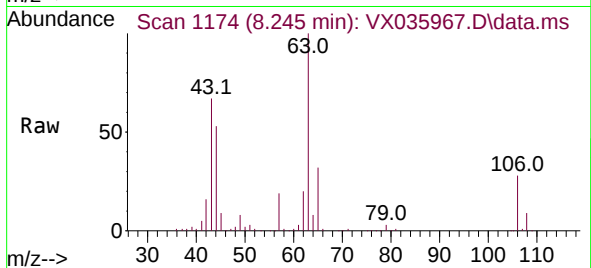
109 94.9 75.4 113.2





#55
2-Chloroethyl vinyl ether
Concen: 94.405 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

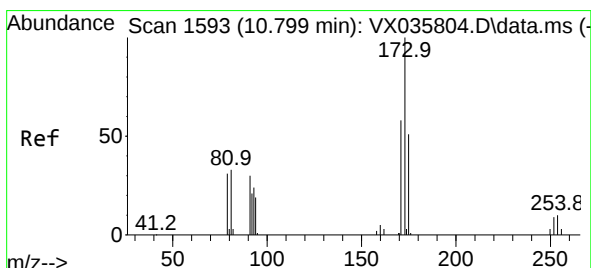
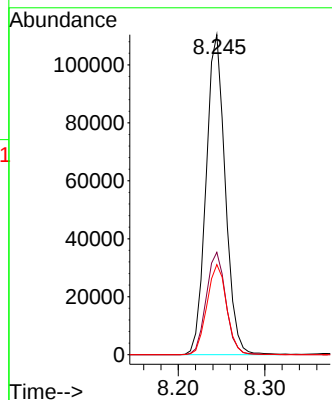
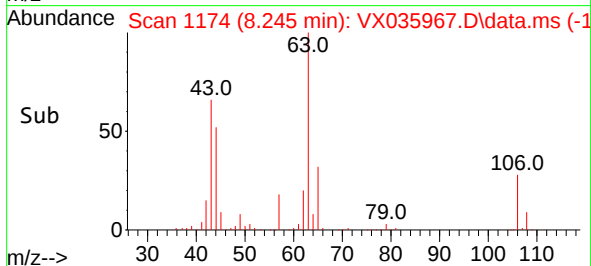
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 169870
Ion Ratio Lower Upper
63 100
65 32.5 25.4 38.2
106 29.0 21.6 32.4

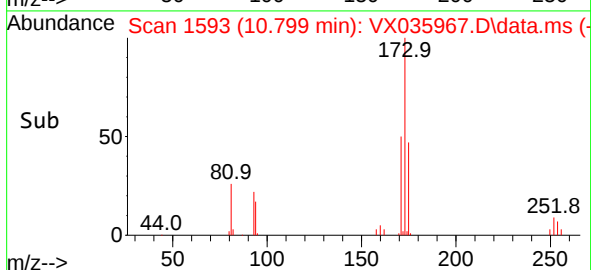
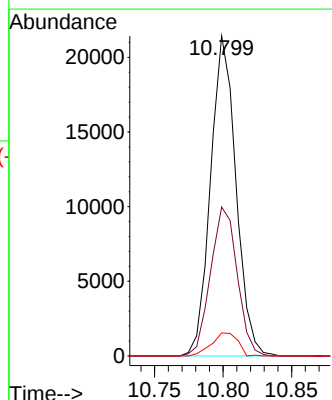
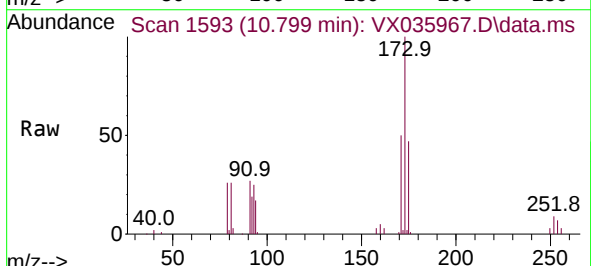
Manual Integrations
APPROVED

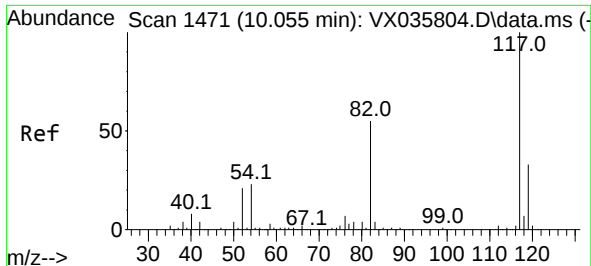
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#56
Bromoform
Concen: 21.100 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Tgt Ion:173 Resp: 27592
Ion Ratio Lower Upper
173 100
175 48.8 37.0 55.4
254 7.4 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: VX035967.D

Acq: 01 Jun 2023 18:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 117 Resp: 176439

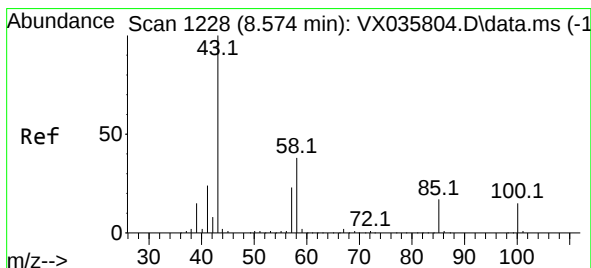
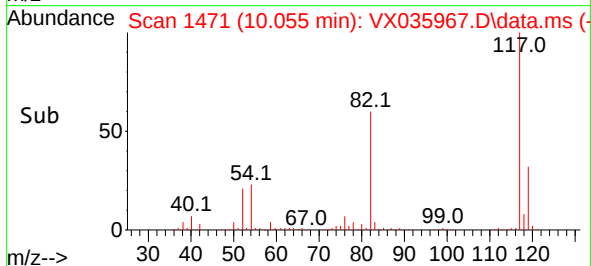
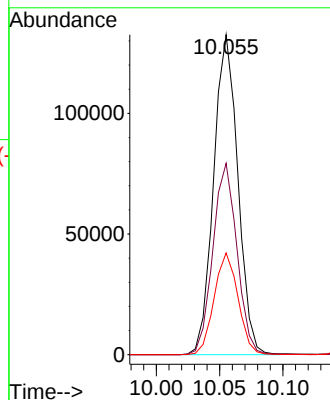
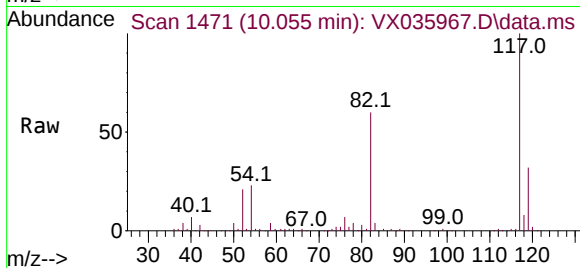
Ion	Ratio	Lower	Upper
117	100		
82	59.4	45.8	68.8
119	31.4	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#58

4-Methyl-2-Pentanone

Concen: 110.510 ug/l

RT: 8.574 min Scan# 1228

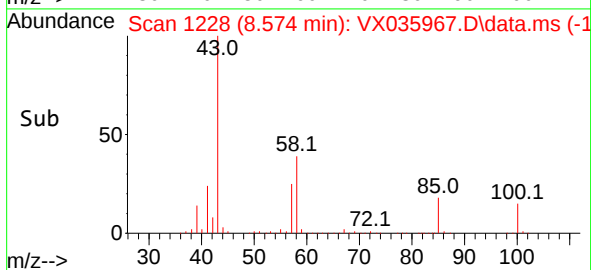
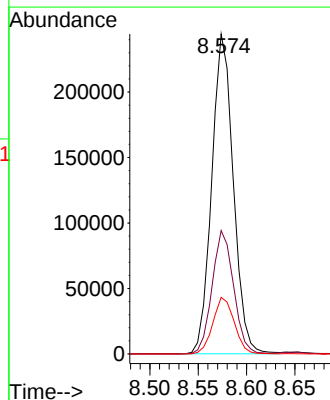
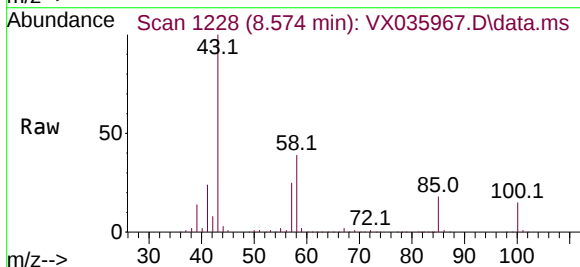
Delta R.T. 0.000 min

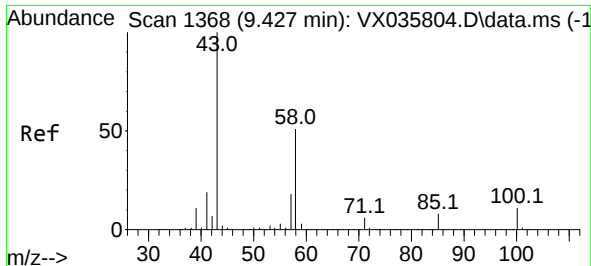
Lab File: VX035967.D

Acq: 01 Jun 2023 18:32

Tgt Ion: 43 Resp: 378726

Ion	Ratio	Lower	Upper
43	100		
58	38.5	29.9	44.9
85	17.6	13.2	19.8





#59

2-Hexanone

Concen: 109.876 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX035967.D

Acq: 01 Jun 2023 18:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

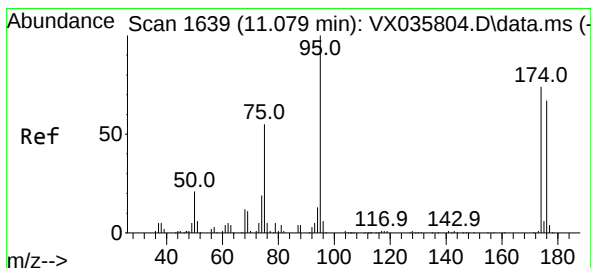
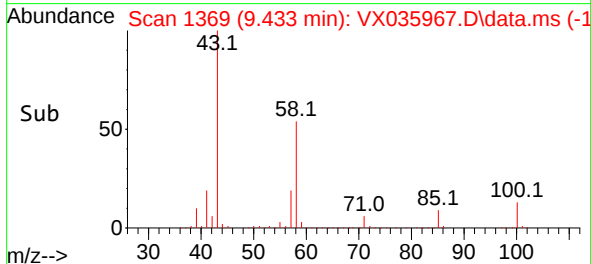
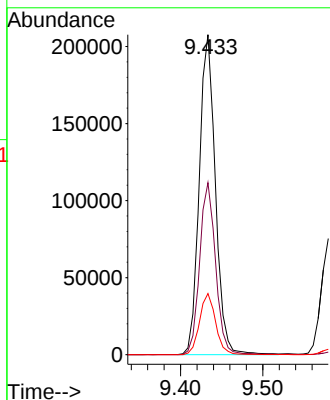
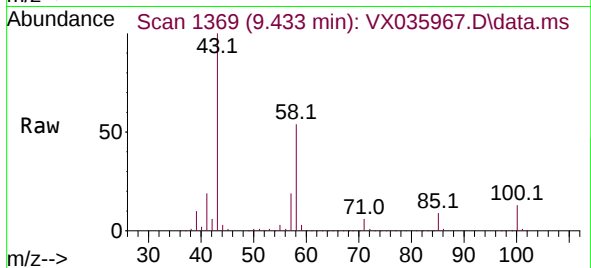
Tgt Ion: 43 Resp: 28333
 Ion Ratio Lower Upper
 43 100
 58 53.2 41.7 62.5
 57 19.1 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#60

4-Bromofluorobenzene

Concen: 31.751 ug/l

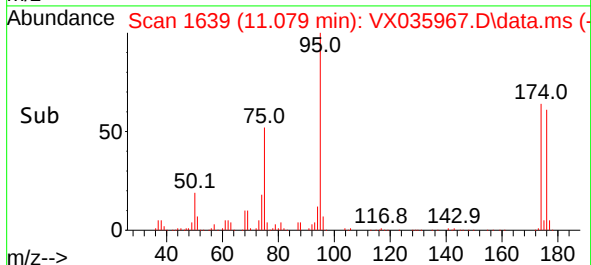
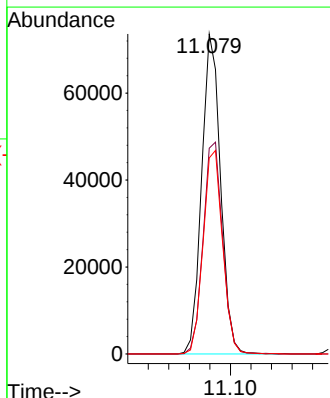
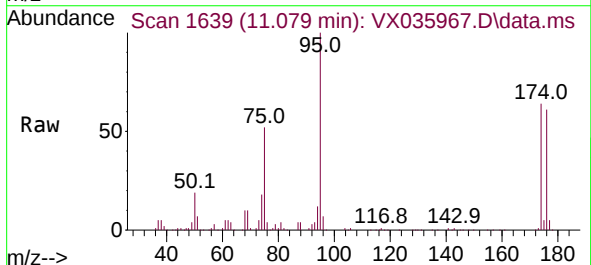
RT: 11.079 min Scan# 1639

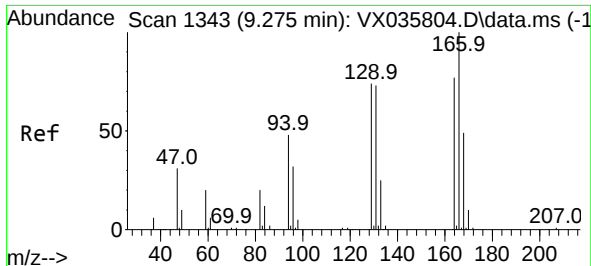
Delta R.T. 0.000 min

Lab File: VX035967.D

Acq: 01 Jun 2023 18:32

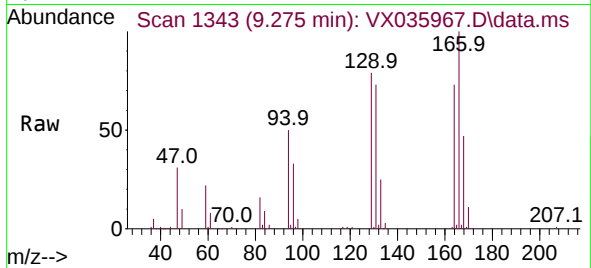
Tgt Ion: 95 Resp: 94001
 Ion Ratio Lower Upper
 95 100
 174 68.1 0.2 0.4#
 176 65.5 0.2 0.2#





#61
Tetrachloroethene
Concen: 18.357 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

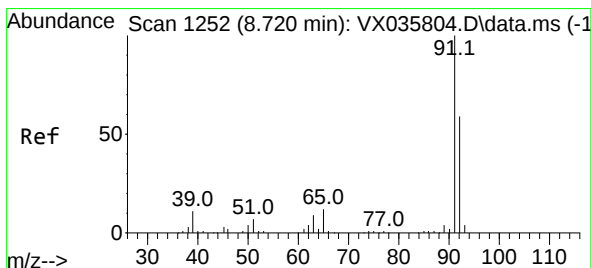
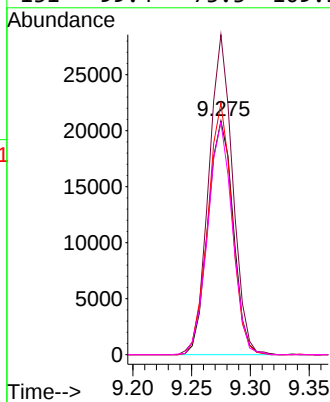
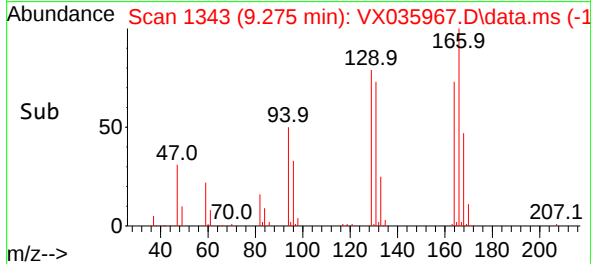
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 3119
Ion Ratio Lower Upper
164 100
166 136.9 100.1 150.1
129 107.6 79.1 118.7
131 99.4 73.3 109.9

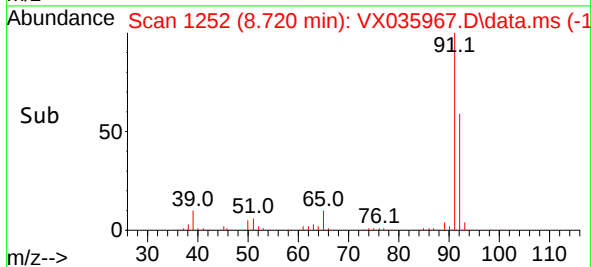
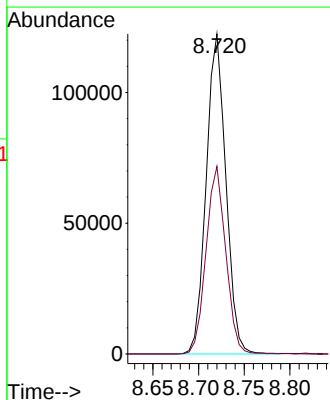
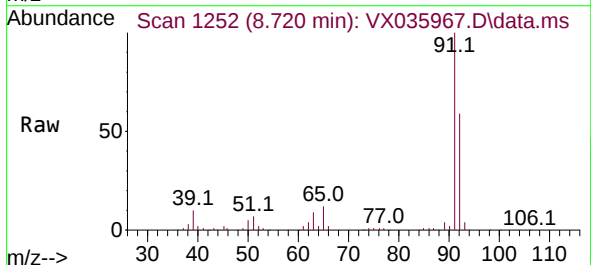
Manual Integrations
APPROVED

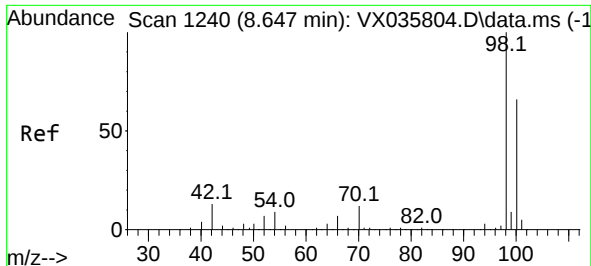
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#62
Toluene
Concen: 20.102 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

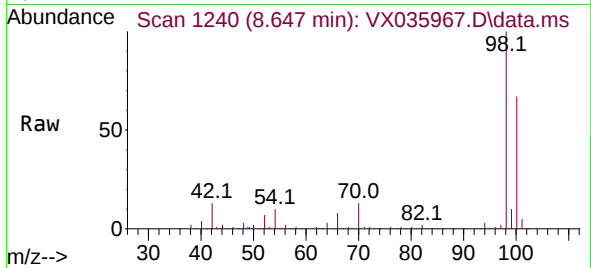
Tgt Ion: 91 Resp: 182651
Ion Ratio Lower Upper
91 100
92 58.7 46.5 69.7





#63
Toluene-d8
Concen: 29.912 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

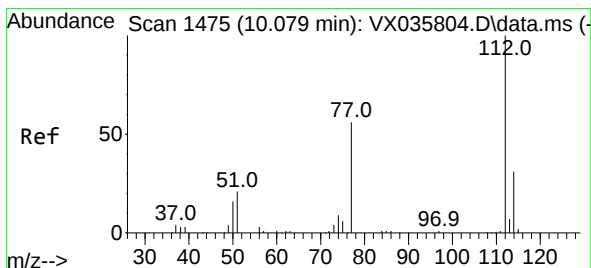
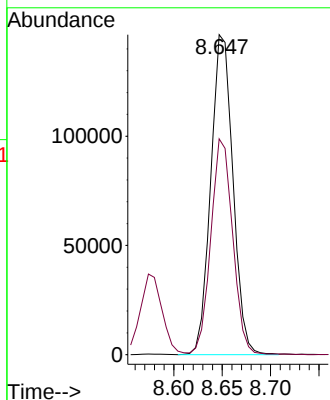
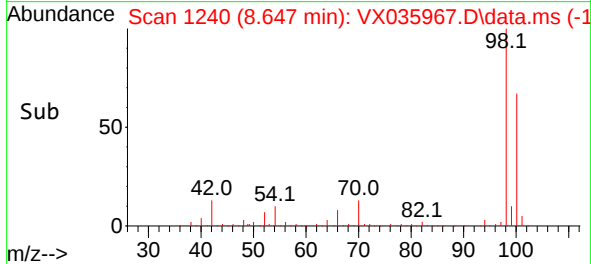
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 23331
Ion Ratio Lower Upper
98 100
100 66.1 52.1 78.1

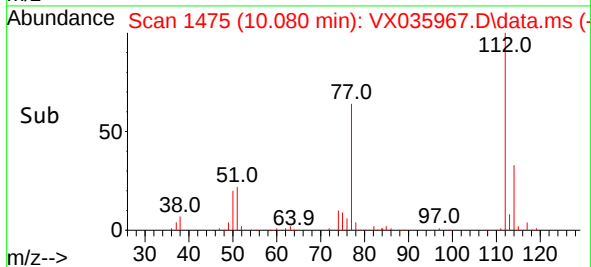
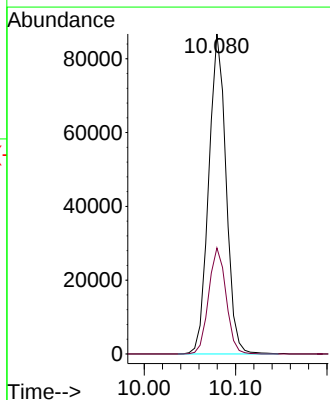
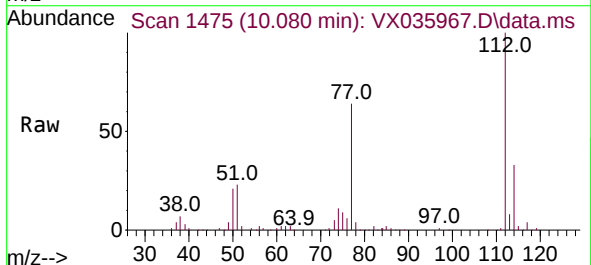
Manual Integrations
APPROVED

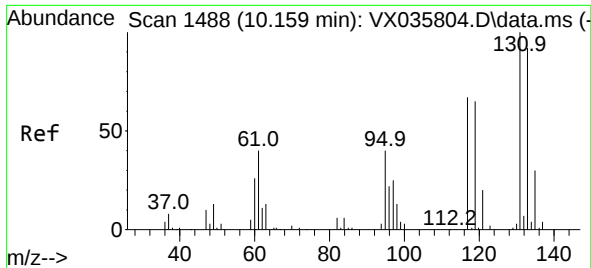
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#64
Chlorobenzene
Concen: 19.803 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

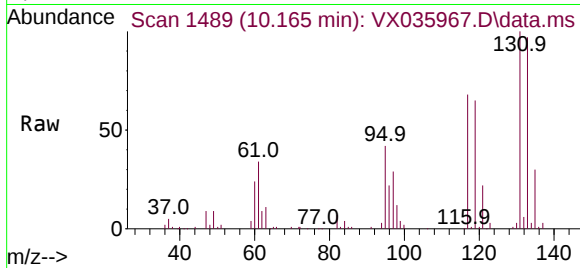
Tgt Ion:112 Resp: 113959
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.8





#65
1,1,1,2-Tetrachloroethane
Concen: 21.042 ug/l
RT: 10.165 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

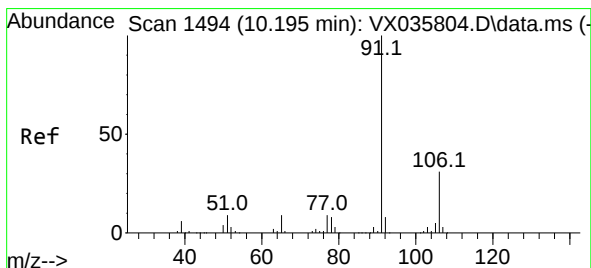
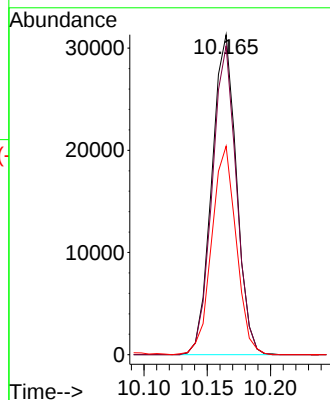
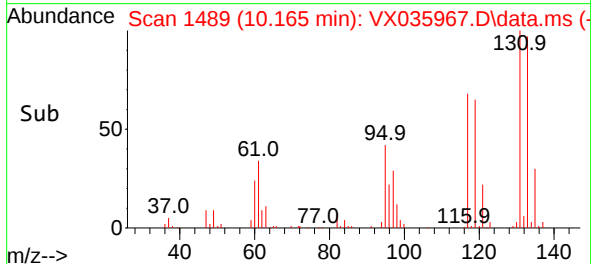
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 42332
Ion Ratio Lower Upper
131 100
133 95.0 0.0 186.6
119 64.9 0.0 128.6

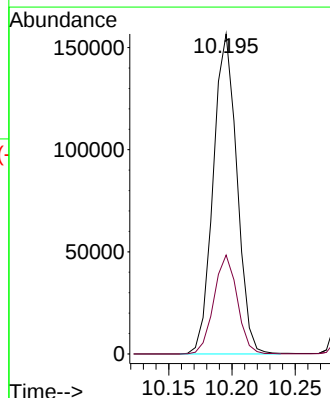
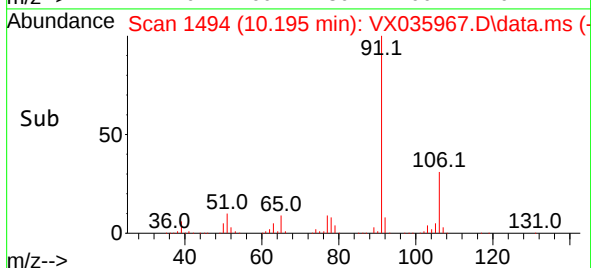
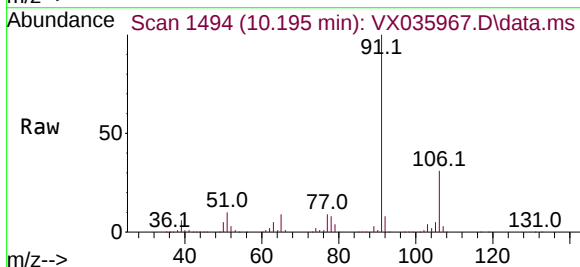
Manual Integrations
APPROVED

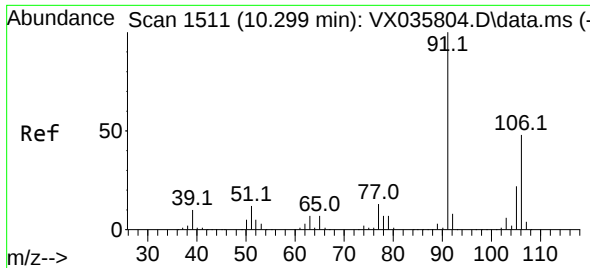
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#66
Ethyl Benzene
Concen: 20.064 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Tgt Ion: 91 Resp: 203884
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6





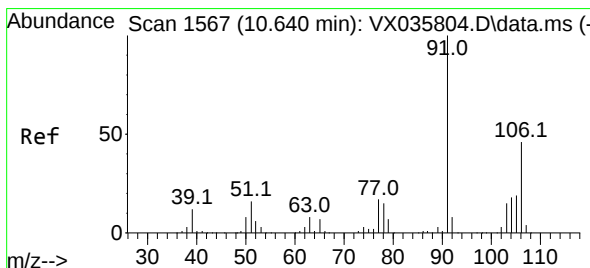
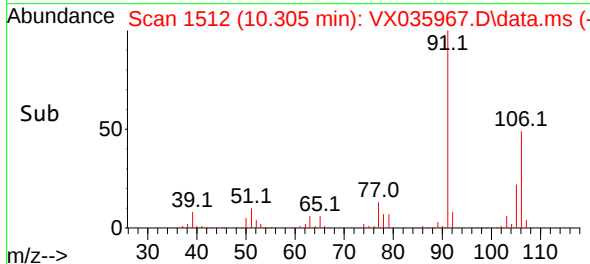
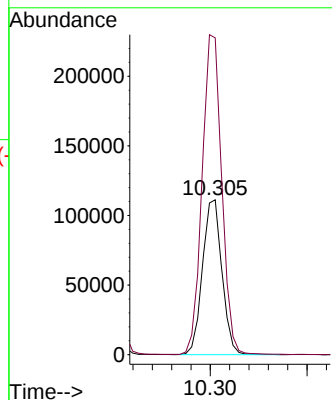
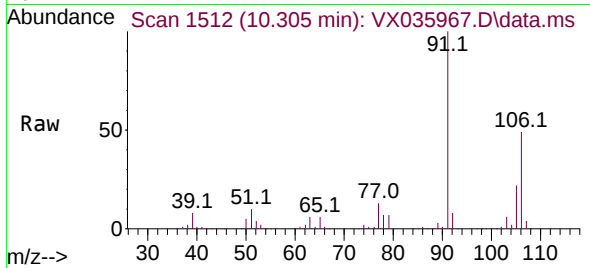
#67
m/p-Xylenes
Concen: 40.572 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 156054
Ion Ratio Lower Upper
106 100
91 208.1 167.4 251.2

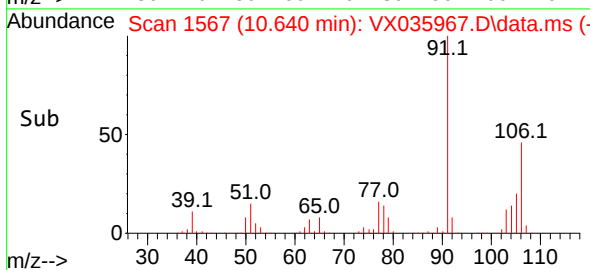
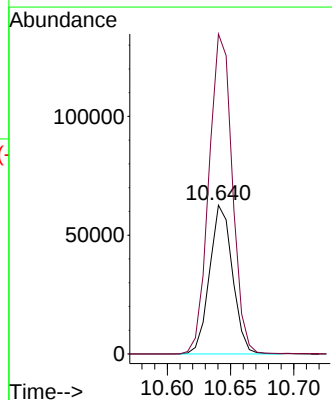
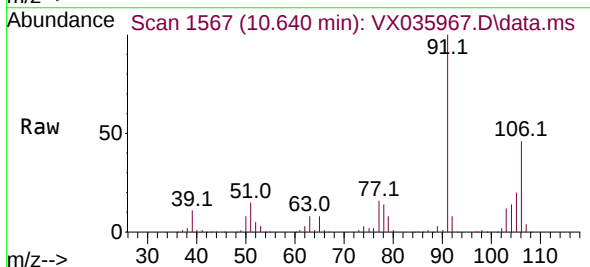
Manual Integrations
APPROVED

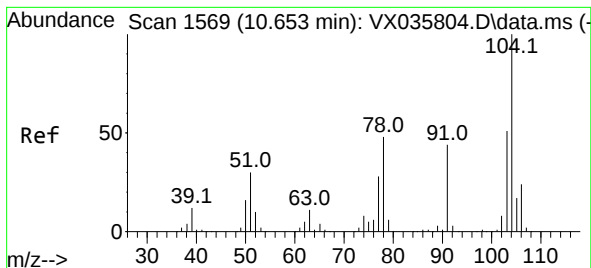
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#68
o-Xylene
Concen: 20.518 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Tgt Ion:106 Resp: 78940
Ion Ratio Lower Upper
106 100
91 219.4 108.9 326.8





#69

Styrene

Concen: 20.698 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX035967.D

Acq: 01 Jun 2023 18:32

Instrument :

MSVOA_X

ClientSampleId :

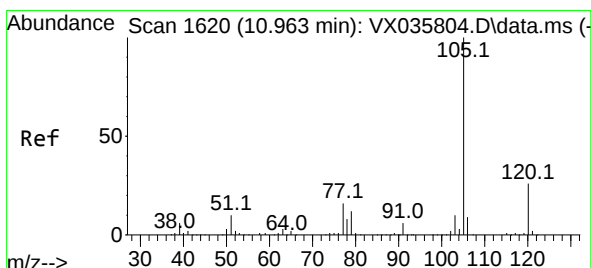
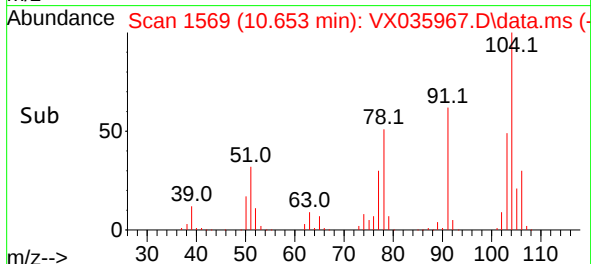
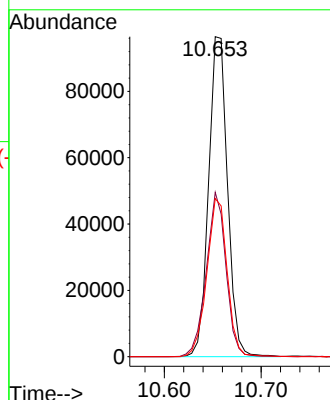
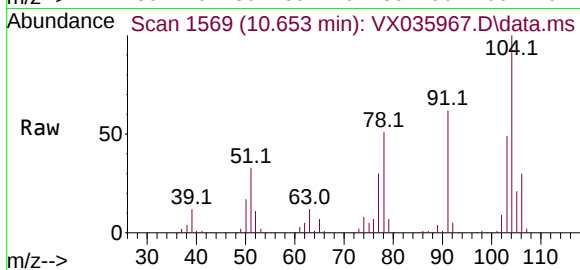
VSTDCCC020EC

Tgt Ion:104 Resp: 131424
 Ion Ratio Lower Upper
 104 100
 78 53.6 42.8 64.2
 103 52.8 43.8 65.8

Manual Integrations

APPROVED

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



#70

Isopropylbenzene

Concen: 19.516 ug/l

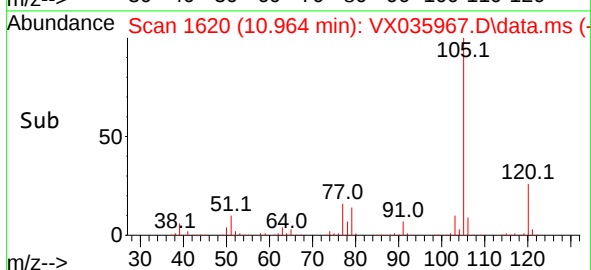
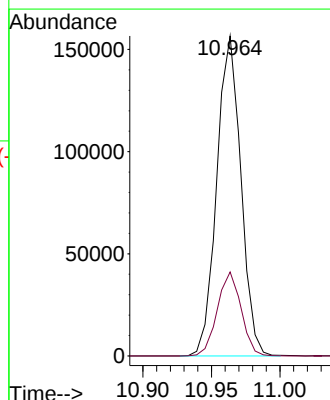
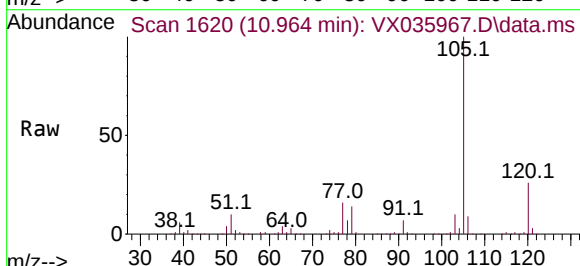
RT: 10.964 min Scan# 1620

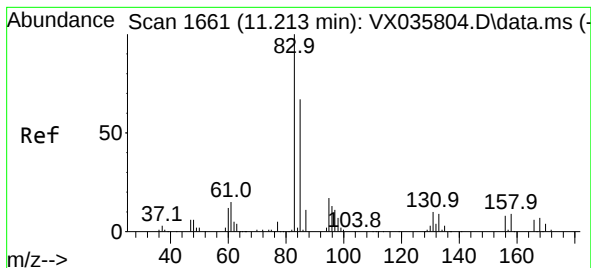
Delta R.T. 0.000 min

Lab File: VX035967.D

Acq: 01 Jun 2023 18:32

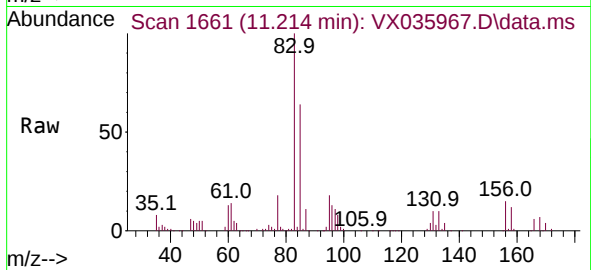
Tgt Ion:105 Resp: 191654
 Ion Ratio Lower Upper
 105 100
 120 25.8 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 21.809 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

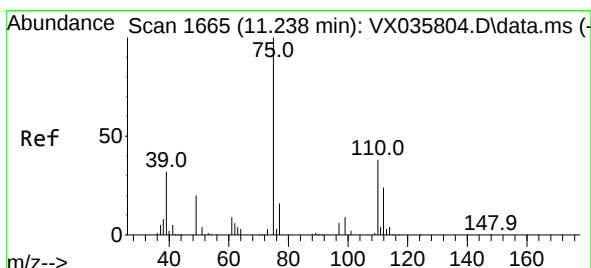
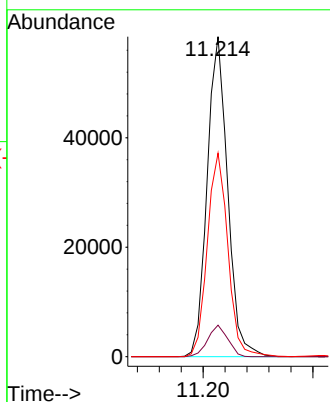
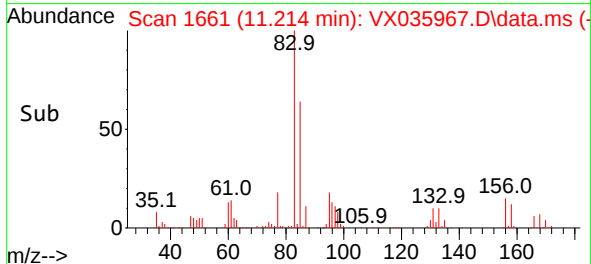
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



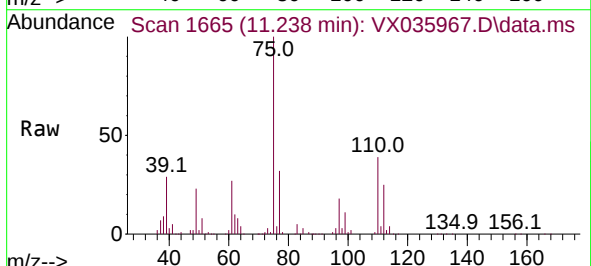
Tgt Ion: 83 Resp: 75860
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.2
85 63.9 31.9 95.5

Manual Integrations
APPROVED

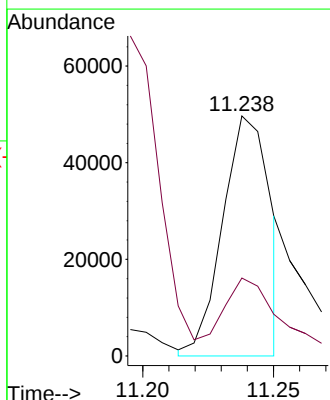
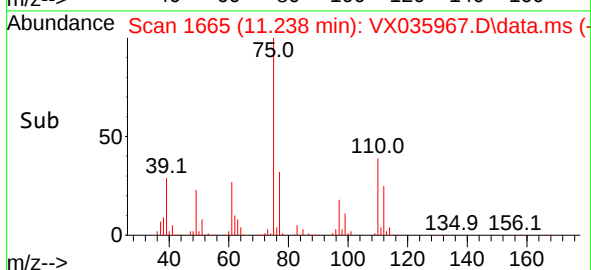
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

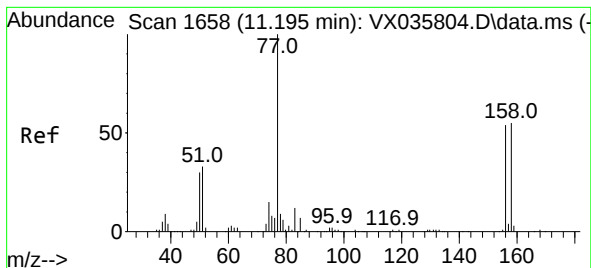


#72
1,2,3-Trichloropropane
Concen: 20.754 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32



Tgt Ion: 75 Resp: 62874
Ion Ratio Lower Upper
75 100
77 40.1 0.0 73.8





#73

Bromobenzene

Concen: 20.073 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX035967.D

Acq: 01 Jun 2023 18:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

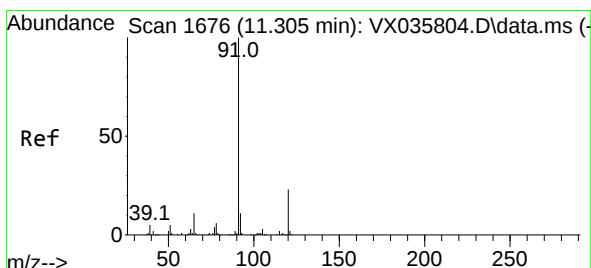
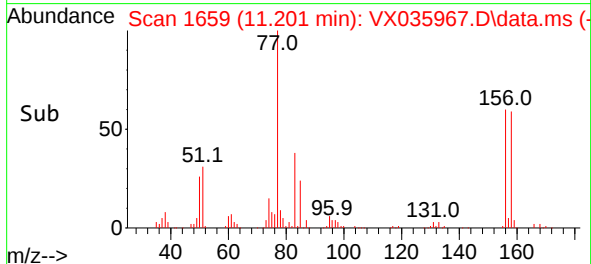
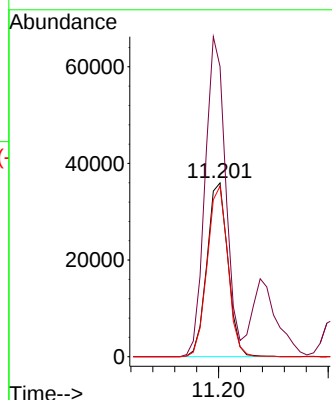
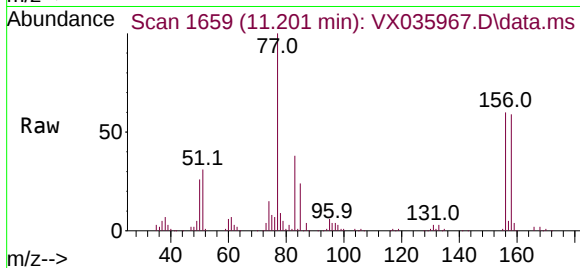
Tgt Ion:	156	Resp:	47890
Ion Ratio	Lower	Upper	
156	100		
77	179.9	0.0	330.8
158	96.4	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#74

n-propylbenzene

Concen: 18.709 ug/l

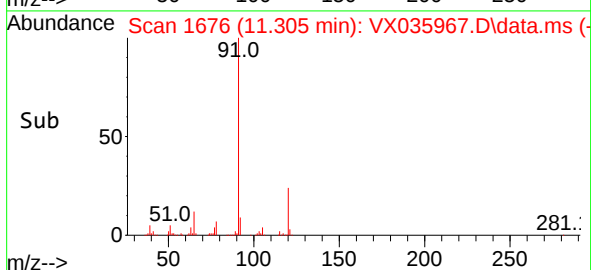
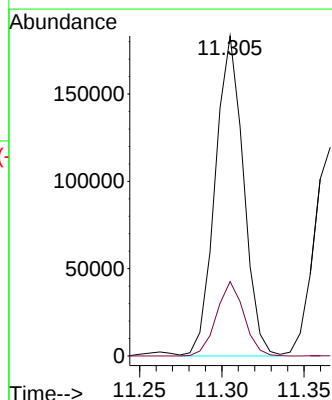
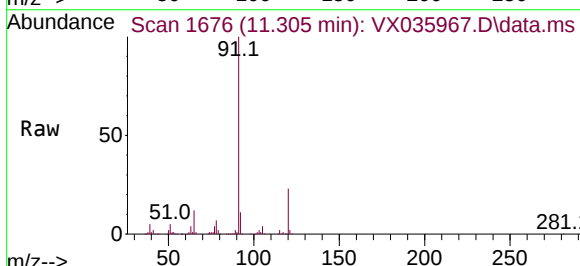
RT: 11.305 min Scan# 1676

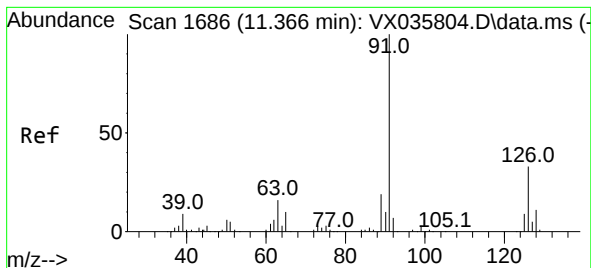
Delta R.T. 0.000 min

Lab File: VX035967.D

Acq: 01 Jun 2023 18:32

Tgt Ion:	91	Resp:	218996
Ion Ratio	Lower	Upper	
91	100		
120	22.6	0.0	44.8





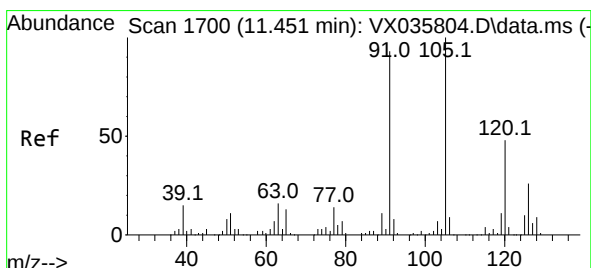
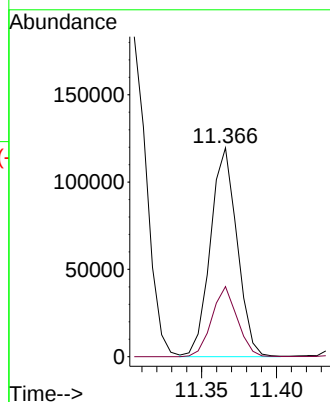
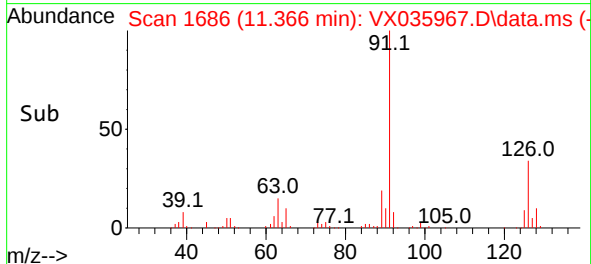
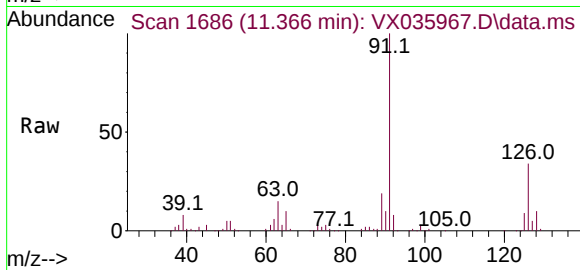
#75
2-Chlorotoluene
Concen: 20.668 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 148600
Ion Ratio Lower Upper
91 100
126 31.9 0.0 66.4

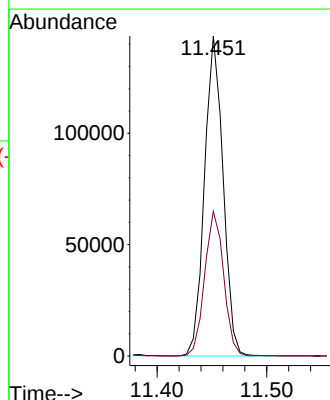
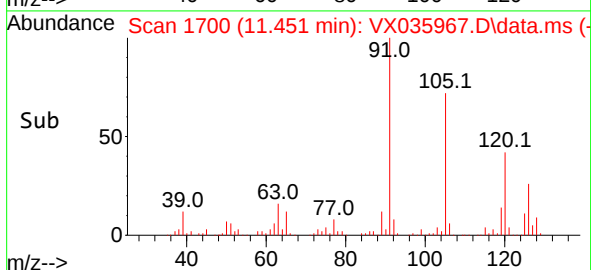
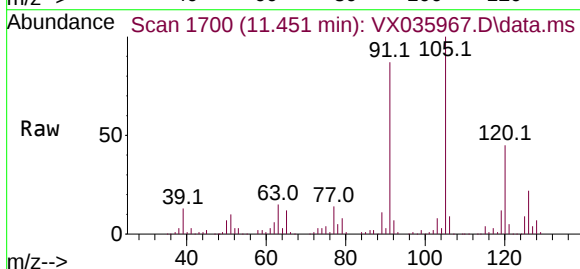
Manual Integrations
APPROVED

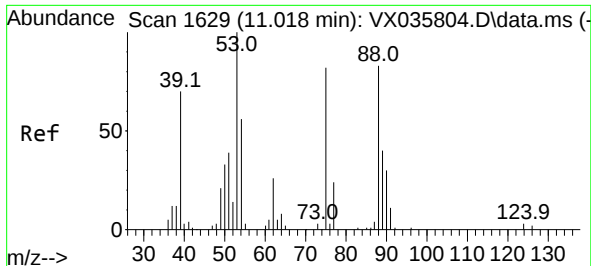
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.286 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

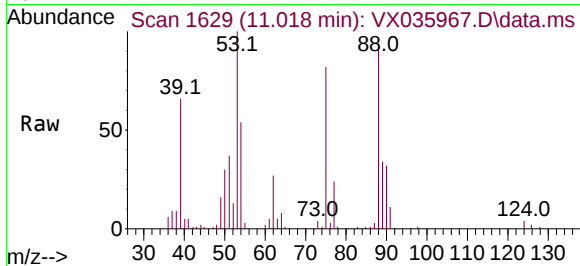
Tgt Ion:105 Resp: 169199
Ion Ratio Lower Upper
105 100
120 46.2 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 18.136 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

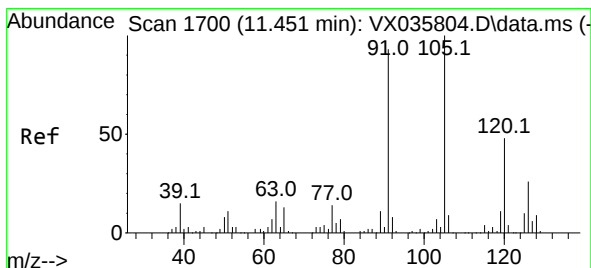
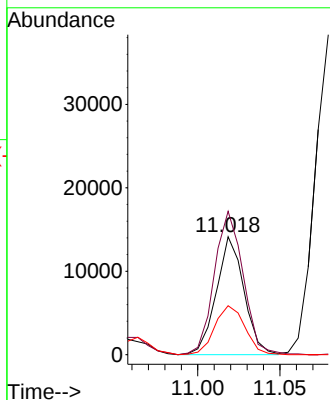
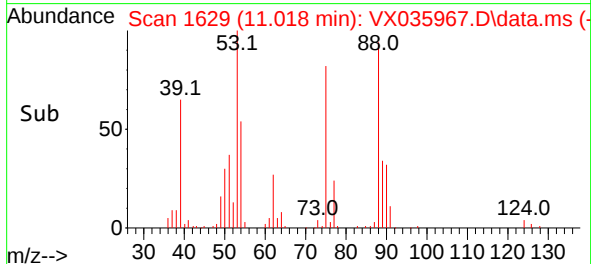
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 16574
Ion Ratio Lower Upper
75 100
53 121.5 58.2 174.6
89 41.6 20.6 61.8

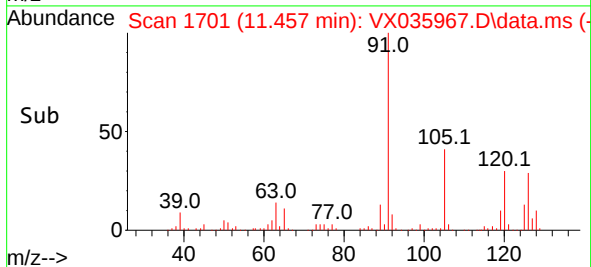
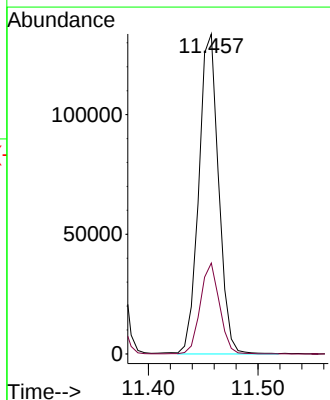
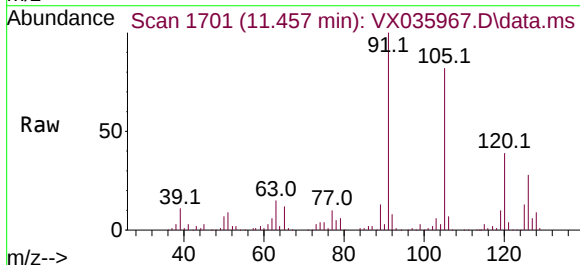
Manual Integrations
APPROVED

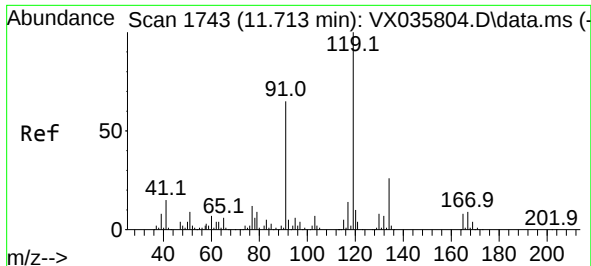
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#78
4-Chlorotoluene
Concen: 20.463 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

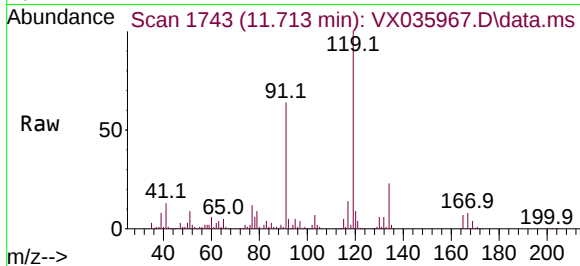
Tgt Ion: 91 Resp: 167615
Ion Ratio Lower Upper
91 100
126 27.6 0.0 56.8





#79
tert-butylbenzene
Concen: 19.822 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

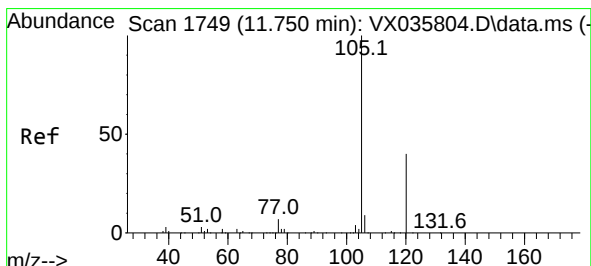
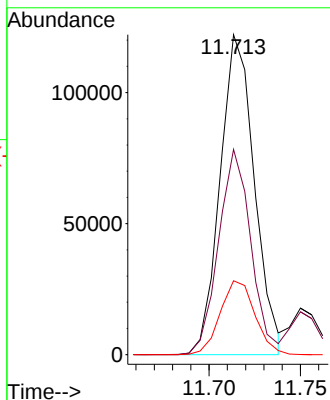
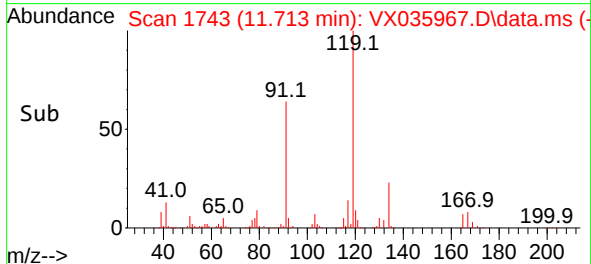
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:119 Resp: 159600
Ion Ratio Lower Upper
119 100
91 60.5 0.0 122.4
134 23.4 0.0 49.2

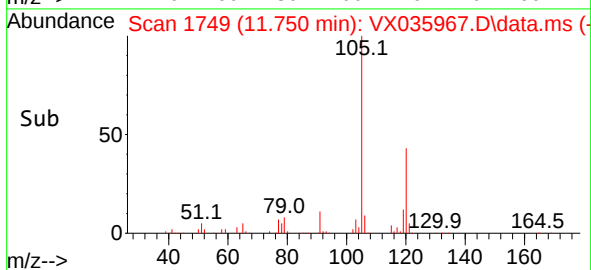
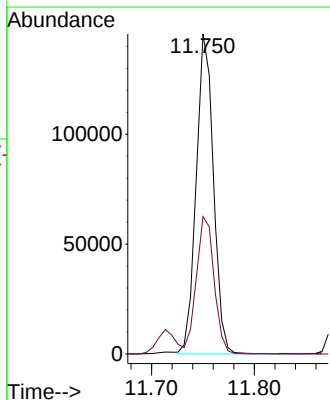
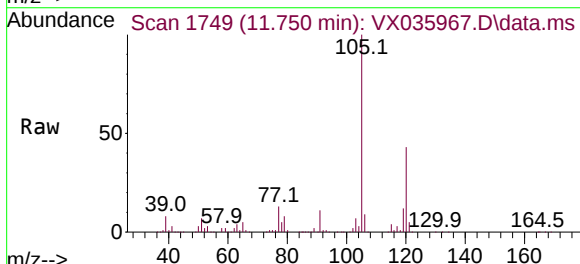
Manual Integrations
APPROVED

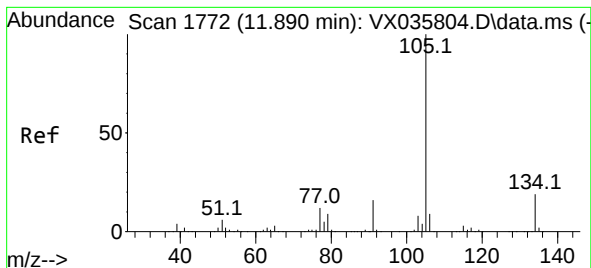
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.347 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

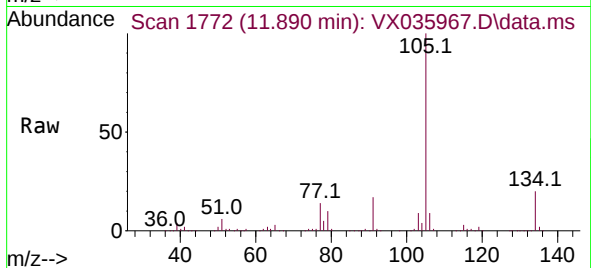
Tgt Ion:105 Resp: 170544
Ion Ratio Lower Upper
105 100
120 44.1 0.0 90.4





#81
sec-Butylbenzene
Concen: 17.601 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

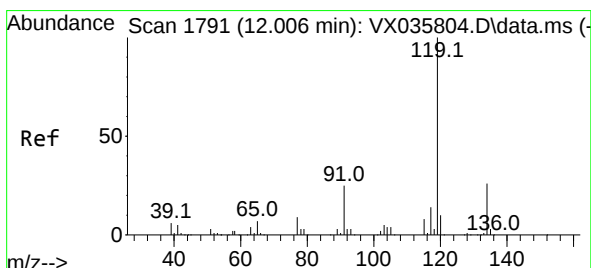
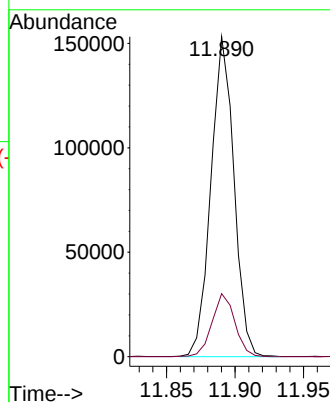
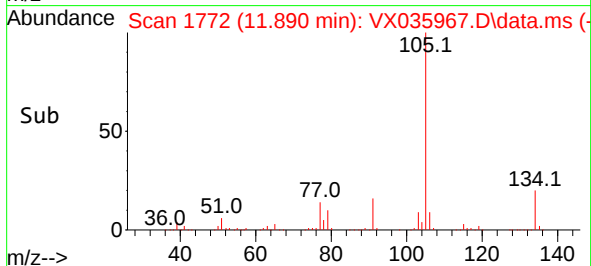
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



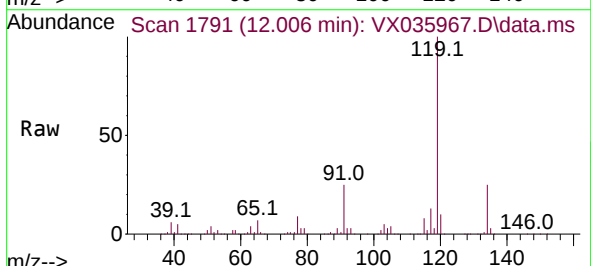
Tgt Ion:105 Resp: 17892
Ion Ratio Lower Upper
105 100
134 19.6 0.0 40.2

Manual Integrations
APPROVED

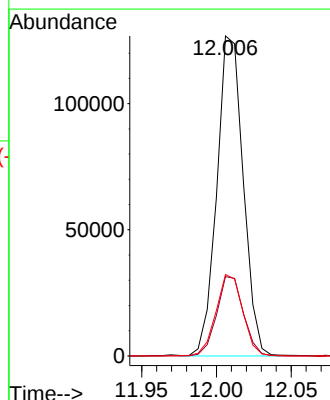
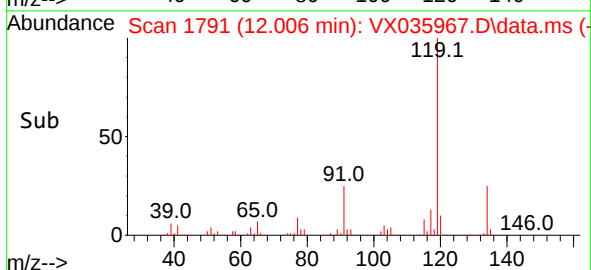
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

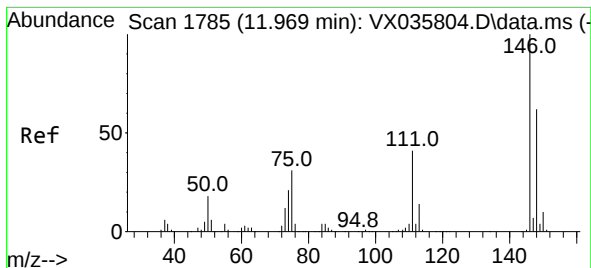


#82
p-Isopropyltoluene
Concen: 18.431 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32



Tgt Ion:119 Resp: 155873
Ion Ratio Lower Upper
119 100
134 25.0 0.0 52.2
91 25.7 0.0 51.0





#83

1,3-Dichlorobenzene

Concen: 19.386 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035967.D

Acq: 01 Jun 2023 18:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:146 Resp: 87538

Ion Ratio Lower Upper

146 100

111 44.2 20.6 61.9

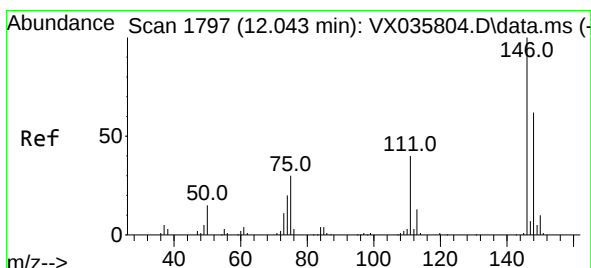
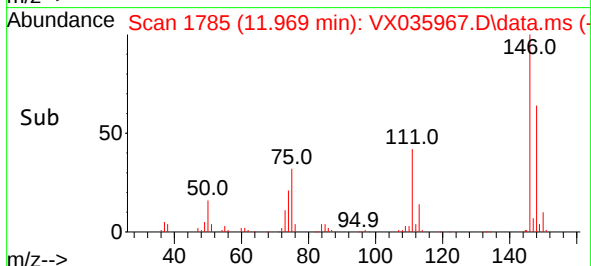
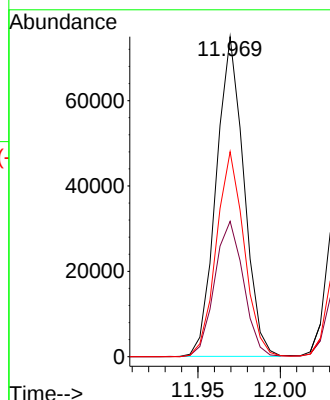
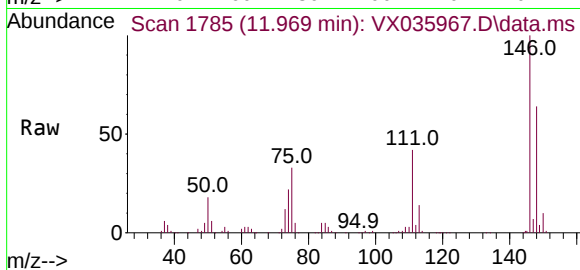
148 64.6 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2023

Supervised By :Semsettin Yesilyurt 06/02/2023



#84

1,4-Dichlorobenzene

Concen: 19.892 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035967.D

Acq: 01 Jun 2023 18:32

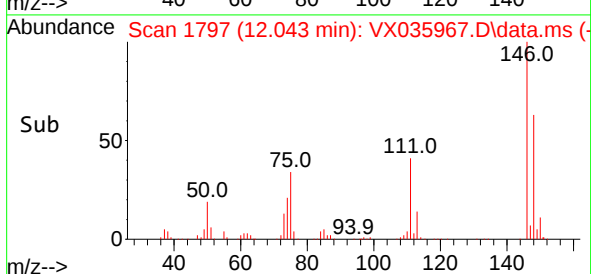
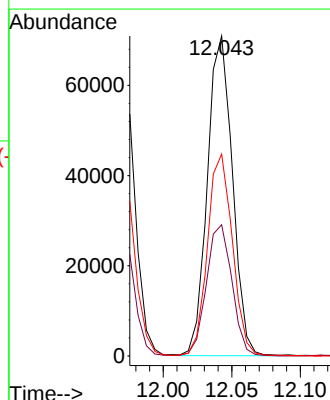
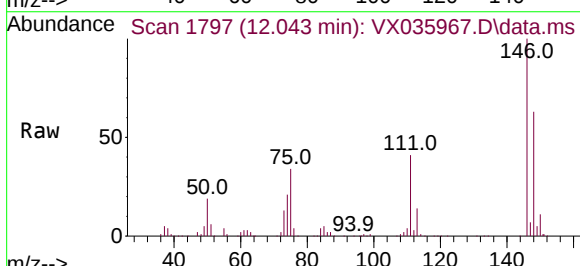
Tgt Ion:146 Resp: 90155

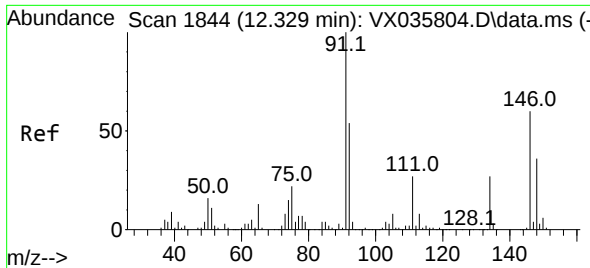
Ion Ratio Lower Upper

146 100

111 41.8 20.3 60.9

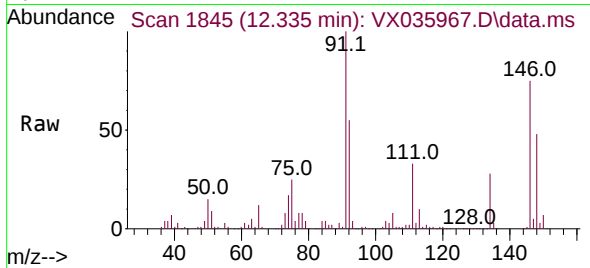
148 62.6 31.8 95.3





#85
n-Butylbenzene
Concen: 16.410 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

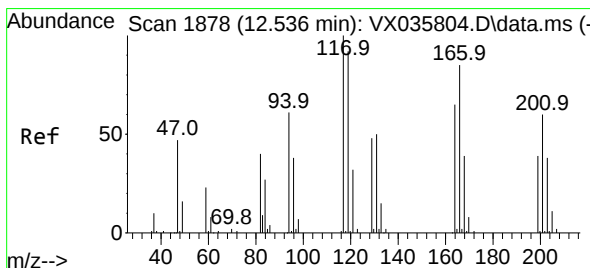
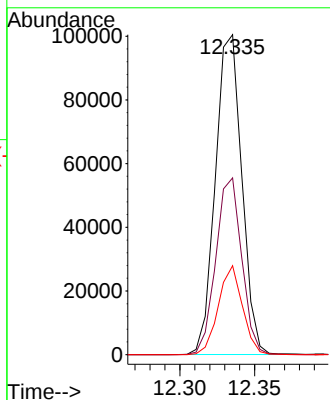
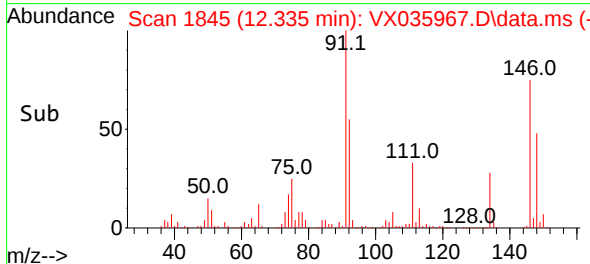
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 12346
Ion Ratio Lower Upper
91 100
92 54.3 0.0 107.6
134 25.5 0.0 49.8

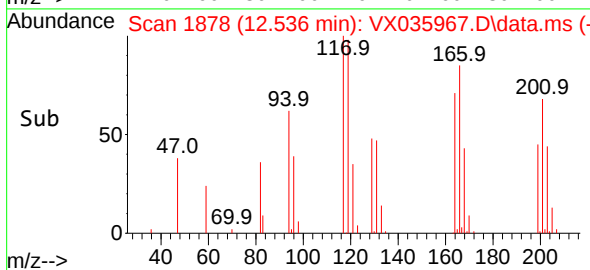
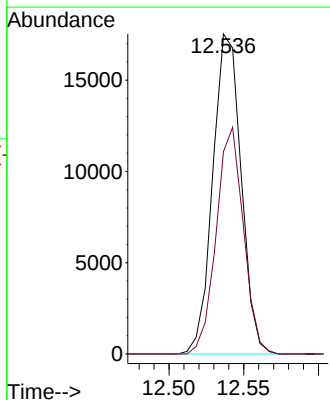
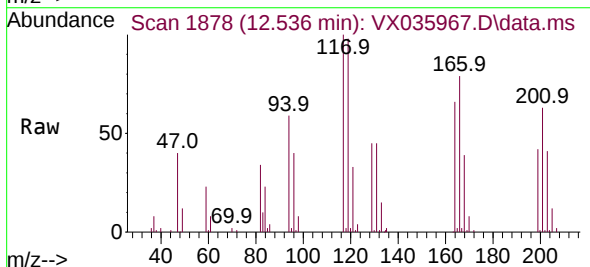
Manual Integrations
APPROVED

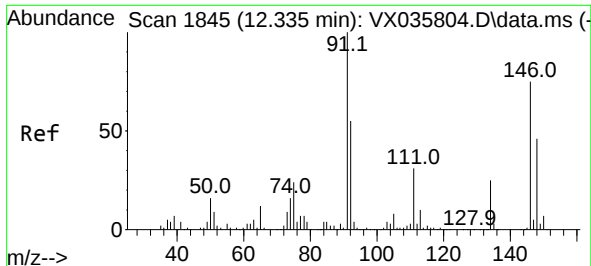
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023



#86
Hexachloroethane
Concen: 17.363 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

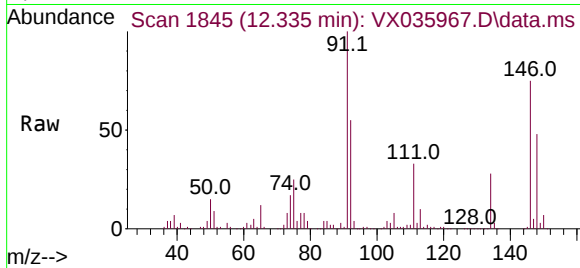
Tgt Ion:117 Resp: 23124
Ion Ratio Lower Upper
117 100
201 67.9 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 20.857 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

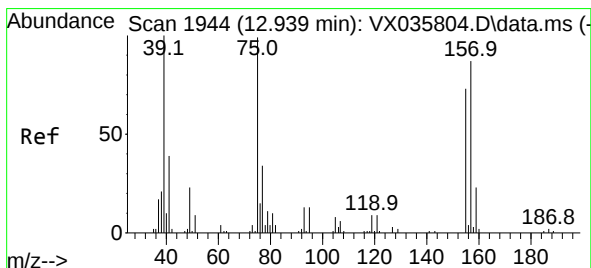
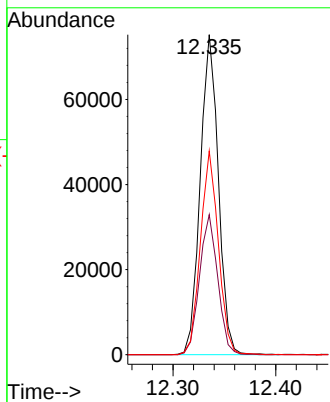
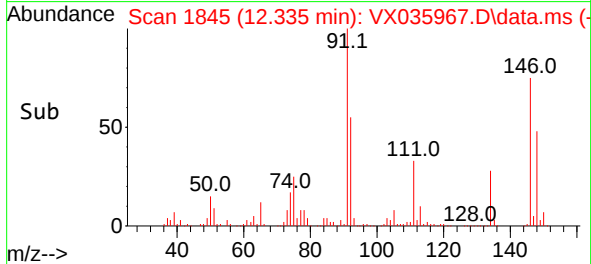
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



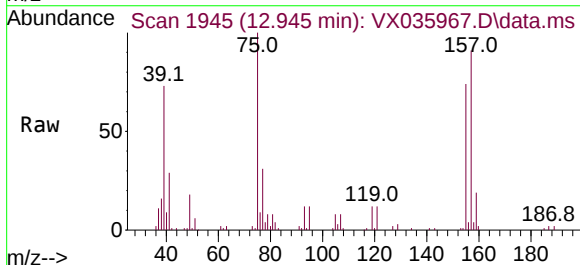
Tgt Ion:146 Resp: 92274
Ion Ratio Lower Upper
146 100
111 44.1 21.3 64.0
148 63.0 31.7 95.1

Manual Integrations
APPROVED

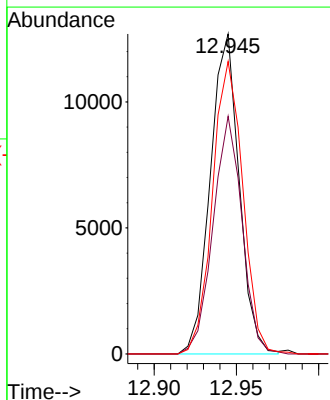
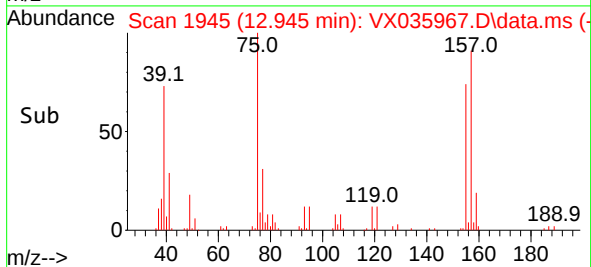
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

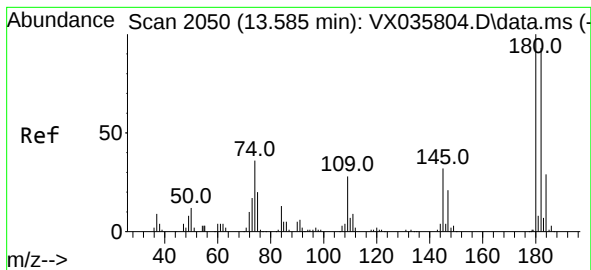


#88
1,2-Dibromo-3-Chloropropane
Concen: 23.305 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32



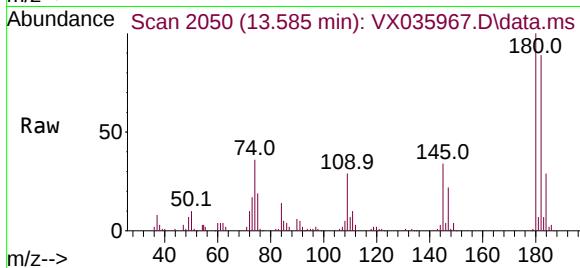
Tgt Ion: 75 Resp: 15493
Ion Ratio Lower Upper
75 100
155 74.4 63.7 95.5
157 95.8 83.7 125.5





#89
1,2,4-Trichlorobenzene
Concen: 18.683 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

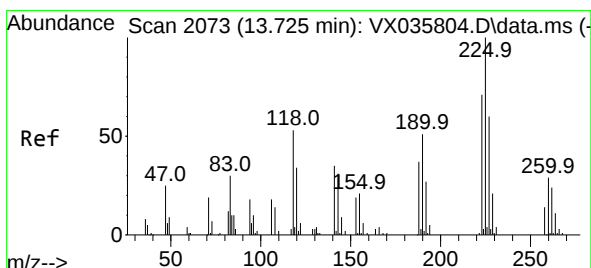
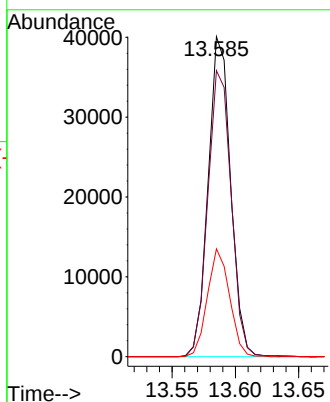
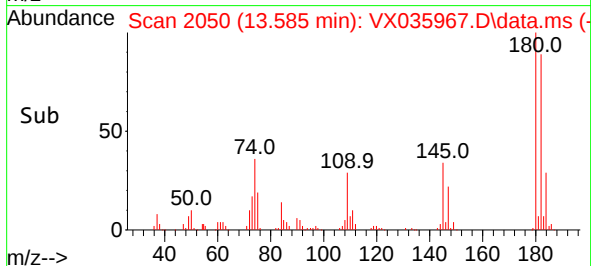
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



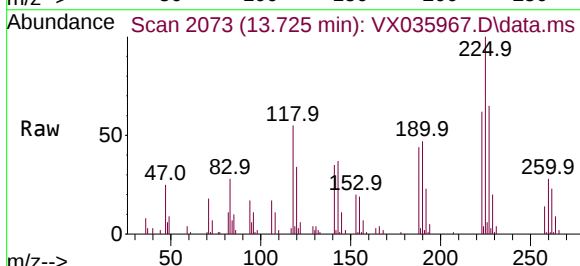
Tgt Ion:180 Resp: 4953
Ion Ratio Lower Upper
180 100
182 92.7 75.8 113.8
145 33.3 25.8 38.6

Manual Integrations
APPROVED

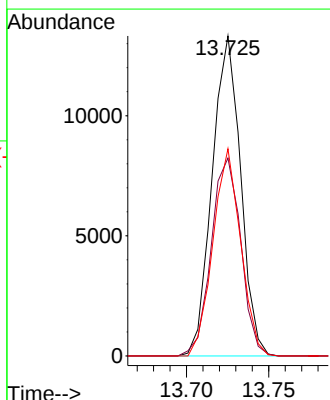
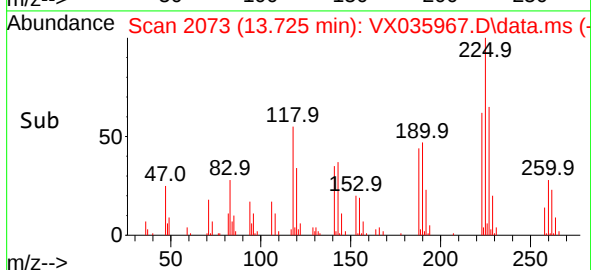
Reviewed By :John Carlone 06/02/2023
Supervised By :Semsettin Yesilyurt 06/02/2023

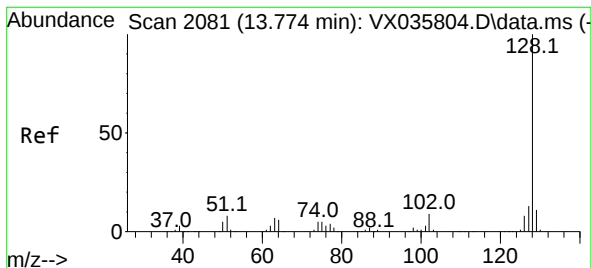


#90
Hexachlorobutadiene
Concen: 16.364 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32



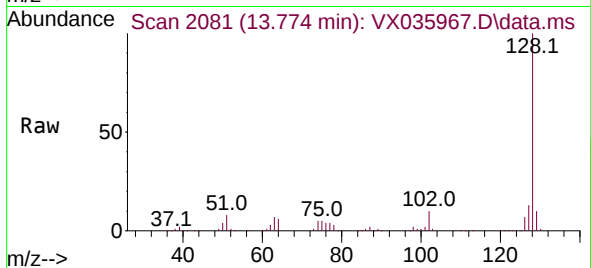
Tgt Ion:225 Resp: 15995
Ion Ratio Lower Upper
225 100
223 64.3 0.0 124.2
227 63.1 0.0 122.8





#91
Naphthalene
Concen: 20.570 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32

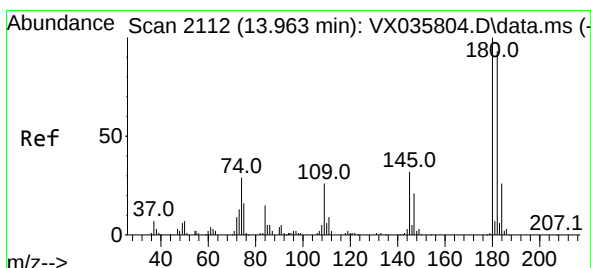
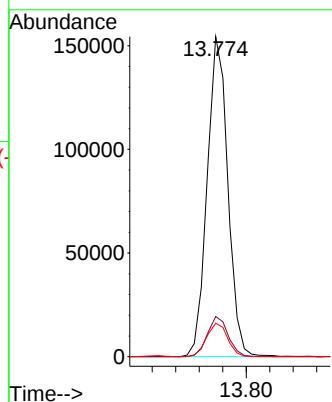
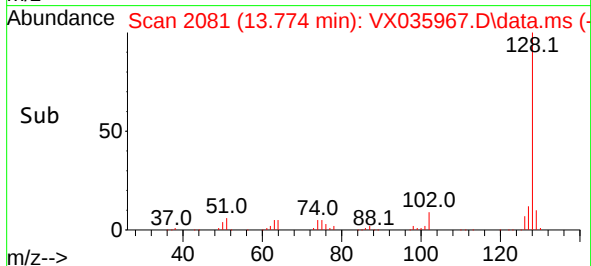
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



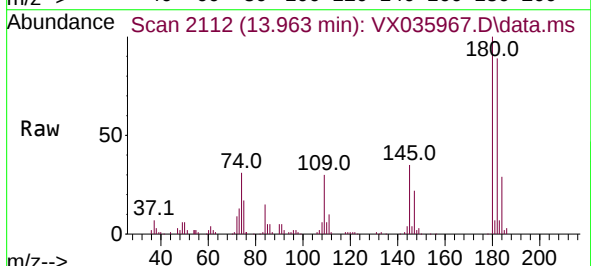
Tgt Ion:128 Resp: 188738
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.6 8.8 13.2

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 18.826 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035967.D
Acq: 01 Jun 2023 18:32



Tgt Ion:180 Resp: 49838
Ion Ratio Lower Upper
180 100
182 92.0 0.0 191.0
145 37.0 0.0 66.8

