

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021123\
 Data File : VX034092.D
 Acq On : 09 Feb 2023 09:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/09/2023
 Supervised By : Semsettin Yesilyurt 02/10/2023

Quant Time: Feb 09 10:05:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	155889	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	209398	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	66476	44.233	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.460%		
35) Dibromofluoromethane	5.379	113	59915	44.958	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.920%		
50) Toluene-d8	8.647	98	212489	44.254	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.500%#		
62) 4-Bromofluorobenzene	11.079	95	77570	45.233	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60063	47.397	ug/l	97
3) Chloromethane	1.294	50	49710	41.568	ug/l	100
4) Vinyl Chloride	1.374	62	51676	41.262	ug/l	100
5) Bromomethane	1.605	94	27879	43.229	ug/l	98
6) Chloroethane	1.684	64	29608	42.752	ug/l	99
7) Trichlorofluoromethane	1.886	101	90342	45.338	ug/l	98
8) Diethyl Ether	2.130	74	28712	41.892	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	58805	44.201	ug/l	91
10) Methyl Iodide	2.453	142	79805	42.342	ug/l	93
11) Tert butyl alcohol	2.953	59	46103	218.962	ug/l #	82
12) 1,1-Dichloroethene	2.319	96	54391	42.613	ug/l	92
13) Acrolein	2.233	56	58960	208.778	ug/l	99
14) Allyl chloride	2.660	41	90128	43.308	ug/l	91
15) Acrylonitrile	3.056	53	140138	207.488	ug/l	99
16) Acetone	2.373	43	166900	262.941	ug/l	96
17) Carbon Disulfide	2.514	76	135581	41.867	ug/l	98
18) Methyl Acetate	2.696	43	85550	43.328	ug/l	96
19) Methyl tert-butyl Ether	3.105	73	179882	45.702	ug/l	99
20) Methylene Chloride	2.788	84	61278	42.198	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	60260	43.346	ug/l	97
22) Diisopropyl ether	3.751	45	177477	43.215	ug/l	96
23) Vinyl Acetate	3.715	43	680520	217.606	ug/l	96
24) 1,1-Dichloroethane	3.605	63	104341	44.078	ug/l	99
25) 2-Butanone	4.544	43	207796	224.823	ug/l	95
26) 2,2-Dichloropropane	4.471	77	81488	47.191	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	70007	43.779	ug/l	97
28) Bromochloromethane	4.891	49	46487	44.667	ug/l	86
29) Tetrahydrofuran	4.995	42	118476	201.544	ug/l	93
30) Chloroform	5.086	83	110544	44.808	ug/l	100
31) Cyclohexane	5.464	56	93939	42.922	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	99441	46.803	ug/l	98
36) 1,1-Dichloropropene	5.690	75	82738	45.282	ug/l	99
37) Ethyl Acetate	4.702	43	73125	42.961	ug/l	98
38) Carbon Tetrachloride	5.672	117	93087	47.767	ug/l	97
39) Methylcyclohexane	7.379	83	105048	45.673	ug/l	96
40) Benzene	6.031	78	235879	44.617	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	43346	45.251	ug/l	98
42) 1,2-Dichloroethane	6.080	62	85861	47.794	ug/l	99
43) Isopropyl Acetate	6.330	43	121638	45.823	ug/l	98
44) Trichloroethene	7.123	130	74761	46.011	ug/l	94
45) 1,2-Dichloropropane	7.427	63	59014	45.211	ug/l	99
46) Dibromomethane	7.580	93	43400	46.409	ug/l	94
47) Bromodichloromethane	7.818	83	86545	48.840	ug/l	97
48) Methyl methacrylate	7.683	41	61617	44.957	ug/l	93
49) 1,4-Dioxane	7.659	88	25180	954.450	ug/l #	91
51) 4-Methyl-2-Pentanone	8.567	43	369276	221.779	ug/l	97
52) Toluene	8.714	92	155459	45.374	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	89494	50.240	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	98347	48.526	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	63214	46.192	ug/l	96
56) Ethyl methacrylate	9.116	69	90960	47.588	ug/l	96
57) 1,3-Dichloropropane	9.305	76	101832	45.551	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	202695	227.924	ug/l	96
59) 2-Hexanone	9.427	43	283288	232.487	ug/l	97
60) Dibromochloromethane	9.518	129	74215	48.931	ug/l	99
61) 1,2-Dibromoethane	9.610	107	67782	46.061	ug/l	98
64) Tetrachloroethene	9.268	164	71206	45.563	ug/l	98
65) Chlorobenzene	10.079	112	175684	45.450	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	69249	47.408	ug/l	99
67) Ethyl Benzene	10.189	91	302368	46.216	ug/l	98
68) m/p-Xylenes	10.299	106	239129	91.438	ug/l	100
69) o-Xylene	10.640	106	116174	46.254	ug/l	99
70) Styrene	10.652	104	194495	47.017	ug/l	99
71) Bromoform	10.799	173	59488	49.928	ug/l #	97
73) Isopropylbenzene	10.963	105	310573	46.307	ug/l	100
74) N-amyl acetate	10.841	43	101001	45.712	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	86085	42.658	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	72286m	41.950	ug/l	
77) Bromobenzene	11.195	156	84934	45.669	ug/l	96
78) n-propylbenzene	11.305	91	343413	46.309	ug/l	99
79) 2-Chlorotoluene	11.366	91	204532	45.551	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	259811	46.539	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25920	46.324	ug/l	97
82) 4-Chlorotoluene	11.451	91	237084	46.684	ug/l	100
83) tert-Butylbenzene	11.713	119	266686	46.239	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	260145	46.644	ug/l	99
85) sec-Butylbenzene	11.890	105	321951	46.655	ug/l	99
86) p-Isopropyltoluene	12.006	119	286746	47.378	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	154988	45.417	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	157158	45.360	ug/l	100
89) n-Butylbenzene	12.329	91	230274	48.528	ug/l	99
90) Hexachloroethane	12.536	117	46730	49.045	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	150349	45.174	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18333	46.200	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	112550	47.862	ug/l	99
94) Hexachlorobutadiene	13.725	225	55266	47.480	ug/l	100
95) Naphthalene	13.774	128	300500	46.510	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	110226	46.664	ug/l	99

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QLast Update : Fri Feb 03 23:25:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

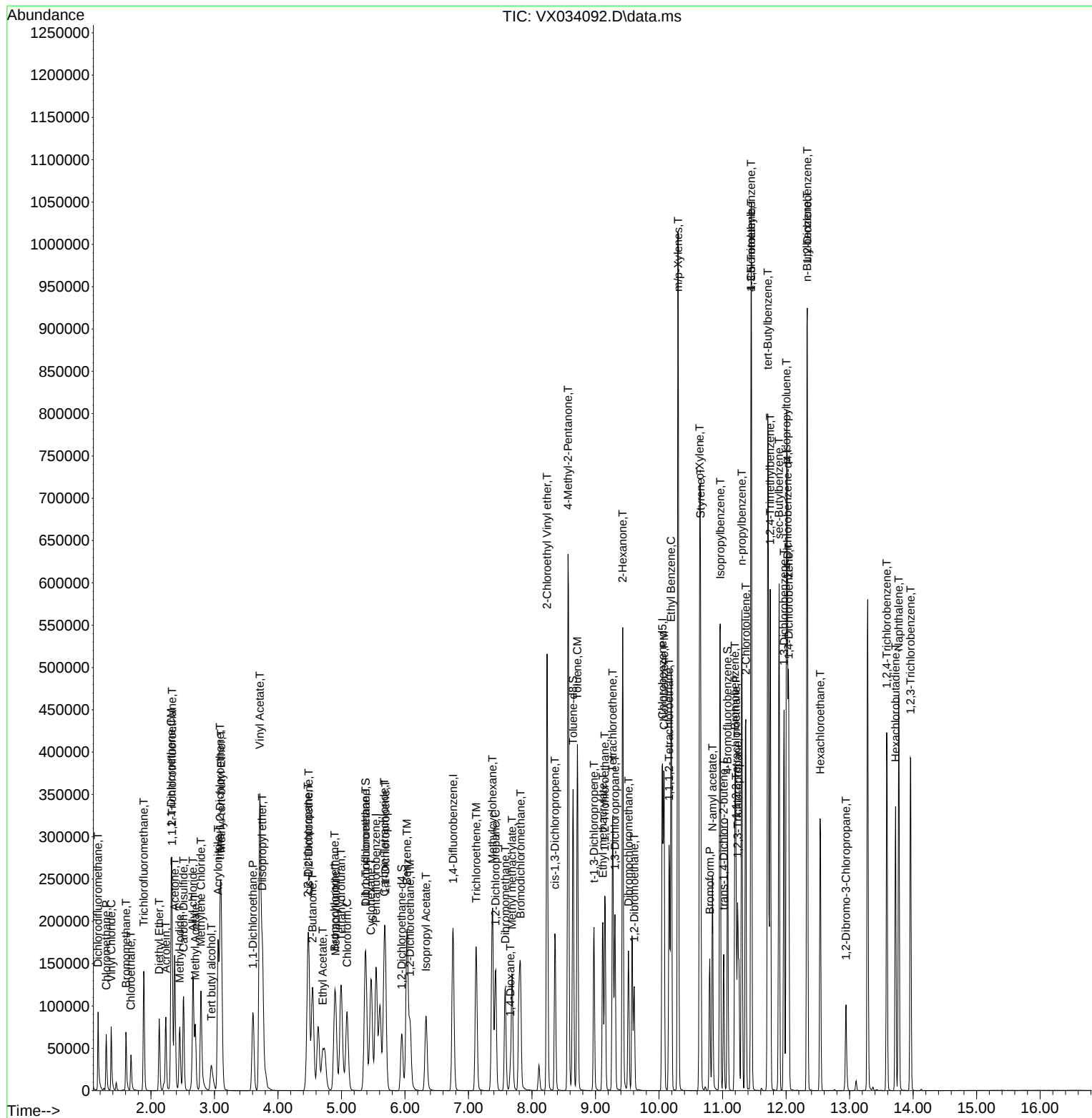
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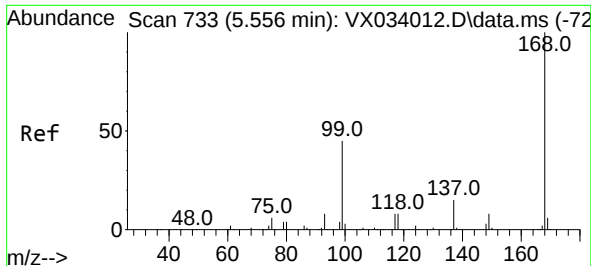
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Manual Integrations APPROVED

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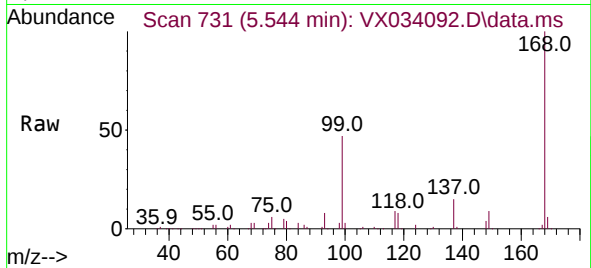
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

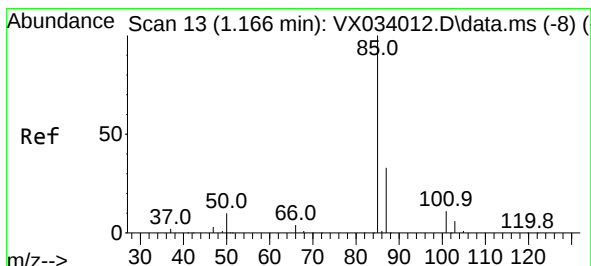
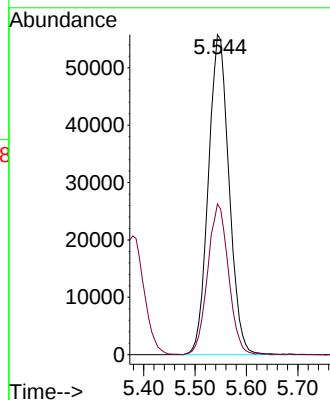
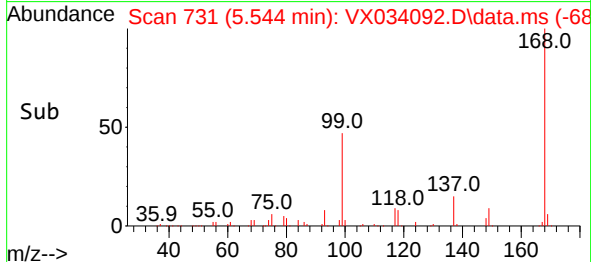
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 155889
Ion Ratio Lower Upper
168 100
99 47.2 39.6 59.4

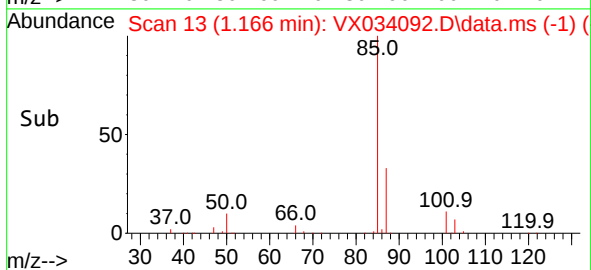
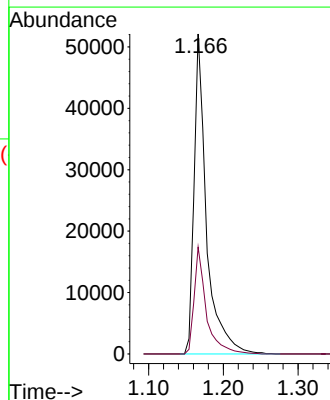
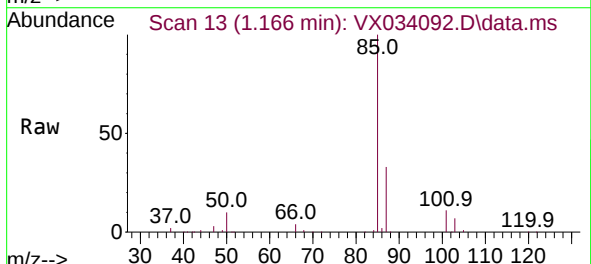
Manual Integrations
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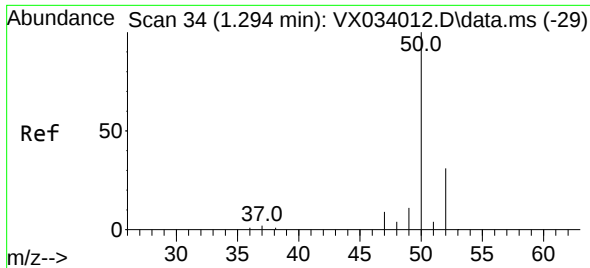
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#2
Dichlorodifluoromethane
Concen: 47.397 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

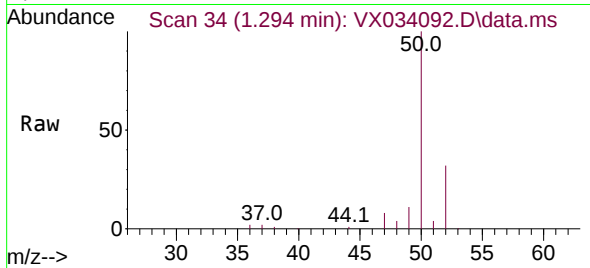
Tgt Ion: 85 Resp: 60063
Ion Ratio Lower Upper
85 100
87 33.4 15.8 47.4





#3
Chloromethane
Concen: 41.568 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

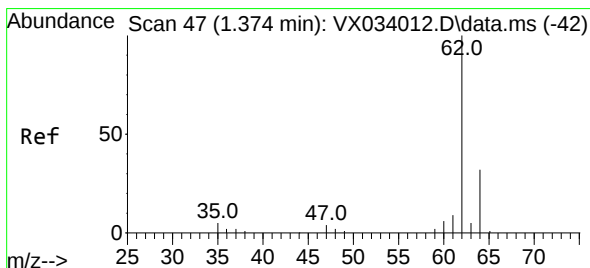
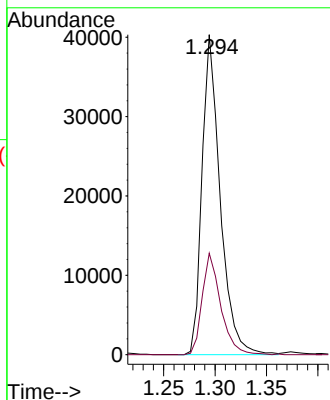
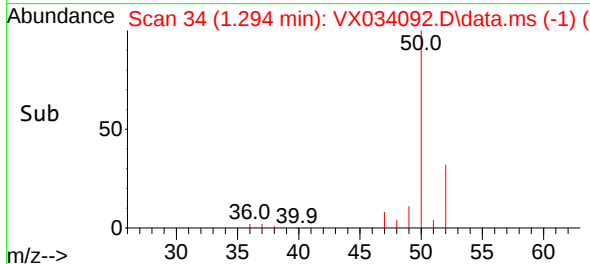
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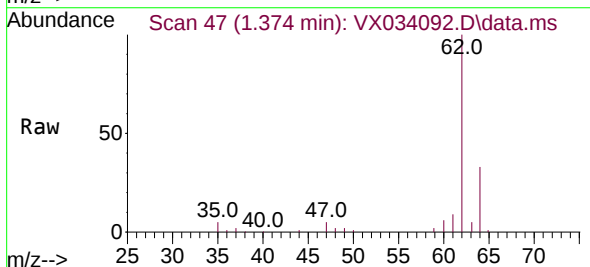
Tgt Ion: 50 Resp: 49710
Ion Ratio Lower Upper
50 100
52 31.7 25.2 37.8

Manual Integrations
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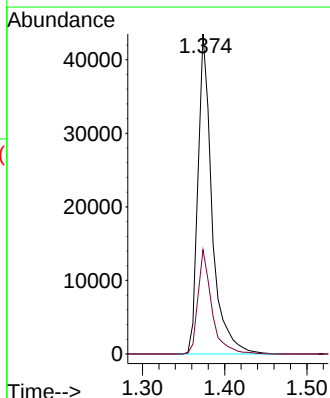
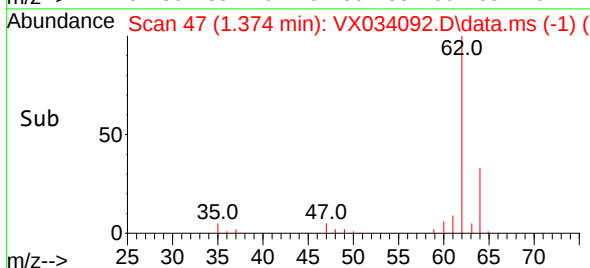
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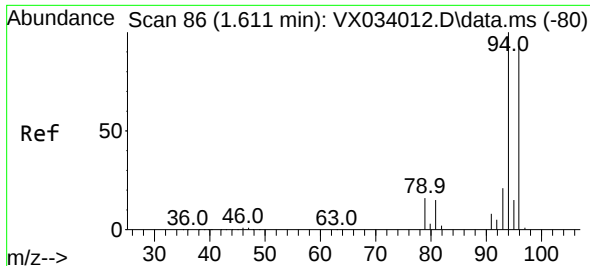


#4
Vinyl Chloride
Concen: 41.262 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36



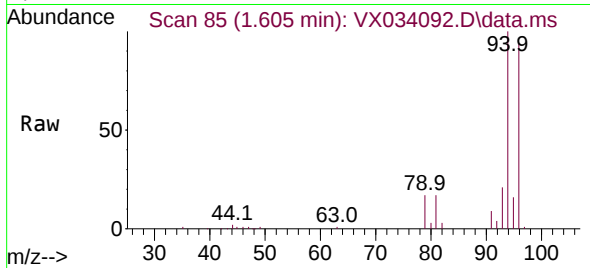
Tgt Ion: 62 Resp: 51676
Ion Ratio Lower Upper
62 100
64 32.5 26.2 39.4





#5
Bromomethane
Concen: 43.229 ug/l
RT: 1.605 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

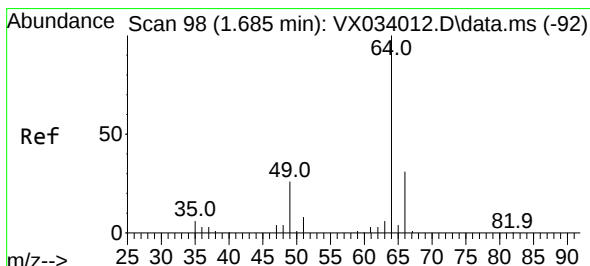
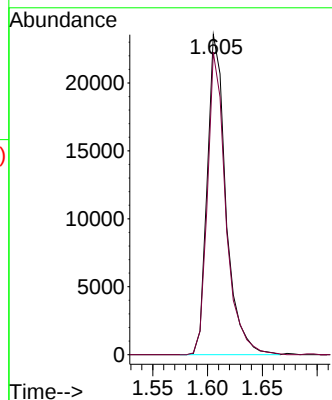
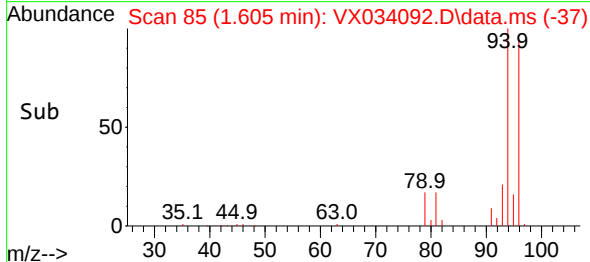
Instrument :
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Tgt Ion: 94 Resp: 27879
Ion Ratio Lower Upper
94 100
96 94.4 74.3 111.5

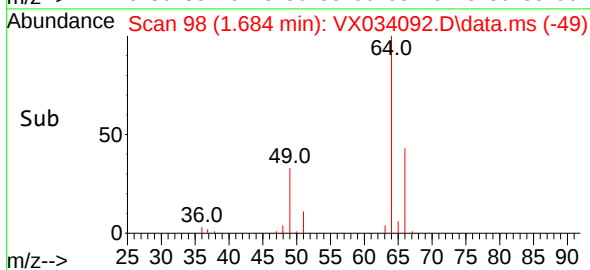
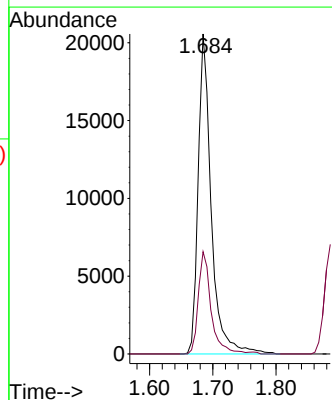
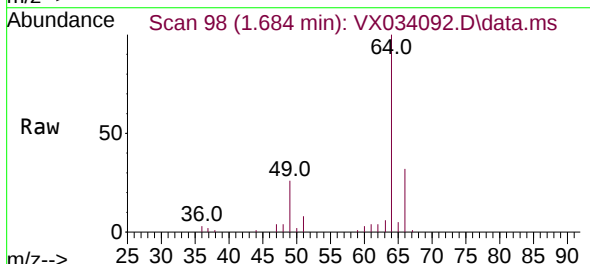
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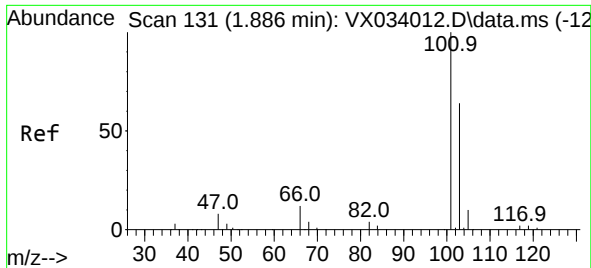
Reviewed By :John Carlone 02/09/2023
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#6
Chloroethane
Concen: 42.752 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

Tgt Ion: 64 Resp: 29608
Ion Ratio Lower Upper
64 100
66 31.9 26.1 39.1





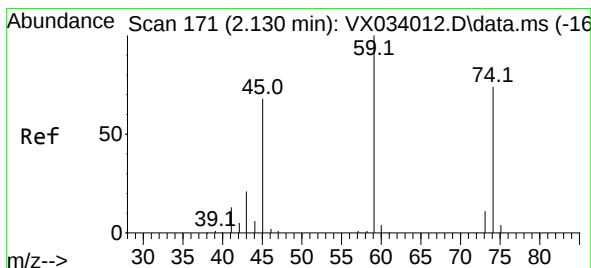
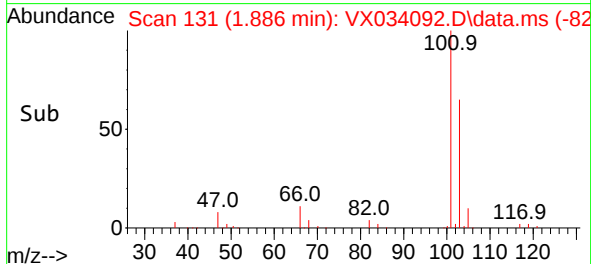
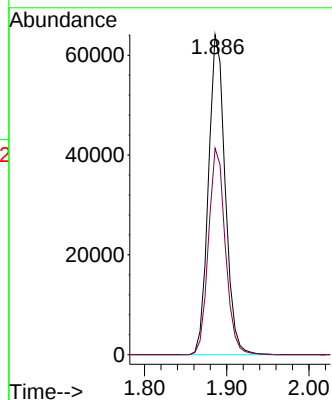
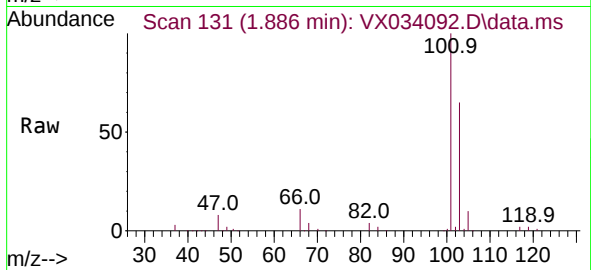
#7
Trichlorofluoromethane
Concen: 45.338 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 9034
Ion Ratio Lower Upper
101 100
103 64.5 50.6 75.8

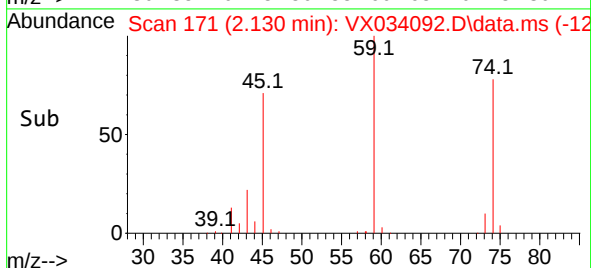
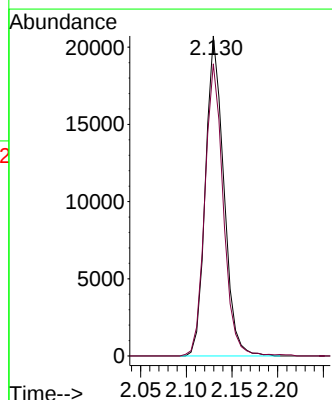
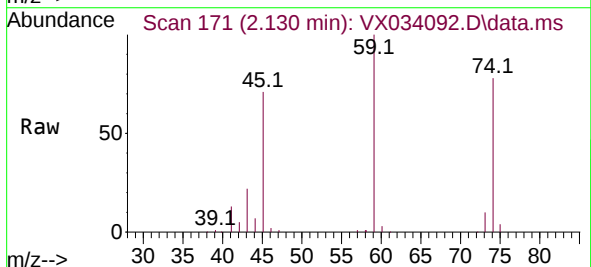
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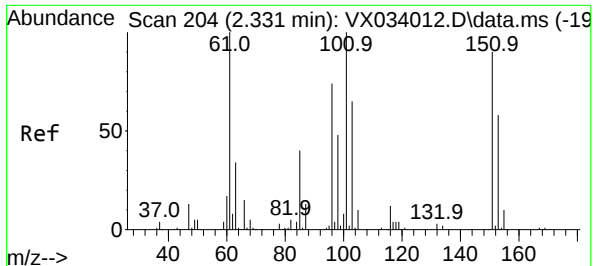
Reviewed By :John Carlone 02/09/2023
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#8
Diethyl Ether
Concen: 41.892 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

Tgt Ion: 74 Resp: 28712
Ion Ratio Lower Upper
74 100
45 92.3 51.5 154.5





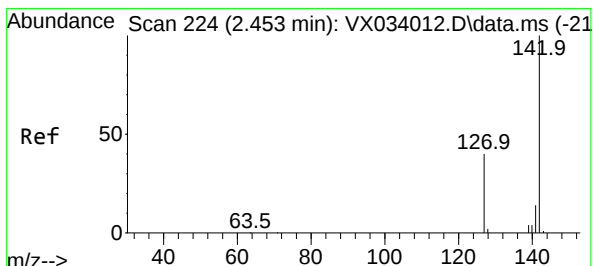
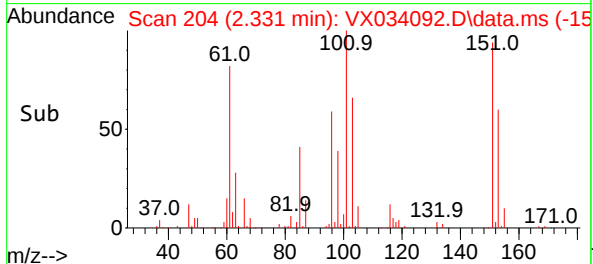
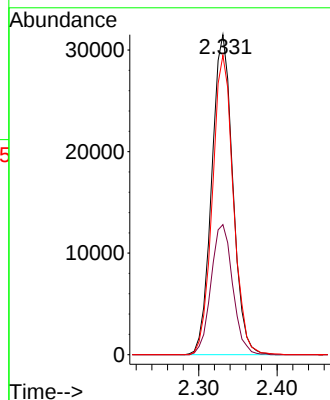
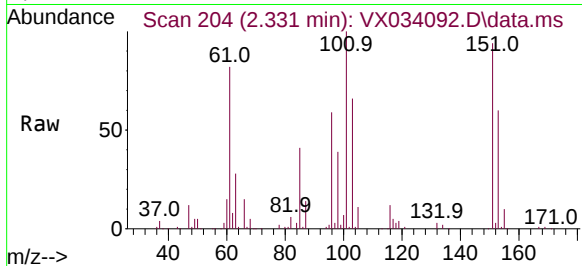
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.201 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 5880
Ion Ratio Lower Upper
101 100
85 41.8 36.7 55.1
151 92.8 66.5 99.7

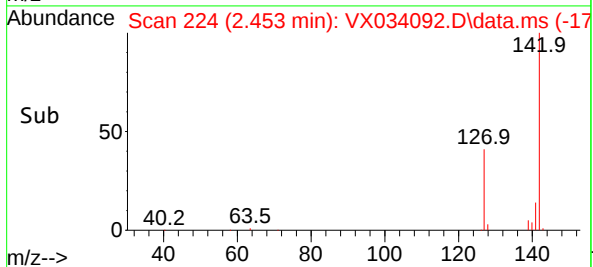
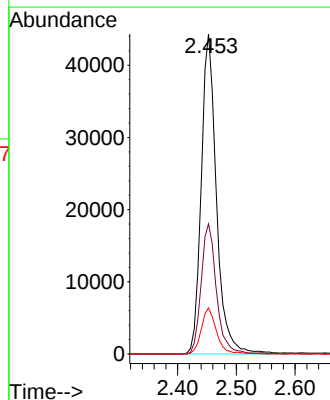
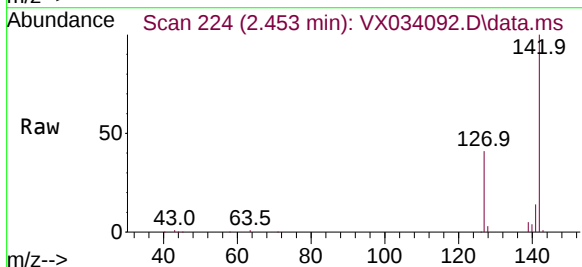
Manual Integrations
APPROVED

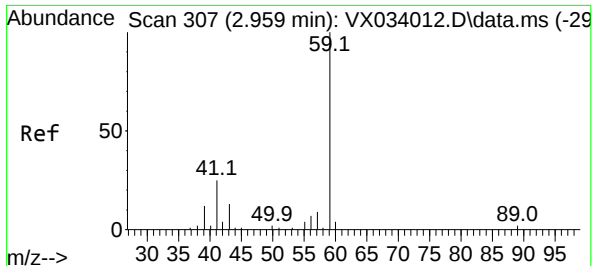
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#10
Methyl Iodide
Concen: 42.342 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

Tgt Ion:142 Resp: 79805
Ion Ratio Lower Upper
142 100
127 40.7 37.3 55.9
141 14.3 11.5 17.3





#11

Tert butyl alcohol

Concen: 218.962 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 4610

Ion Ratio Lower Upper

59 100

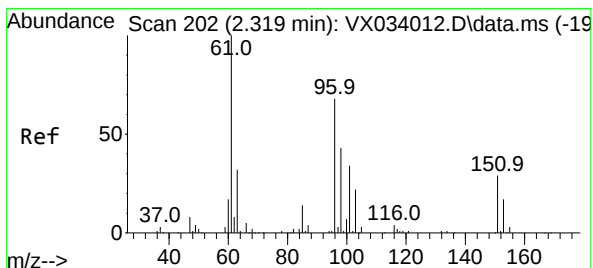
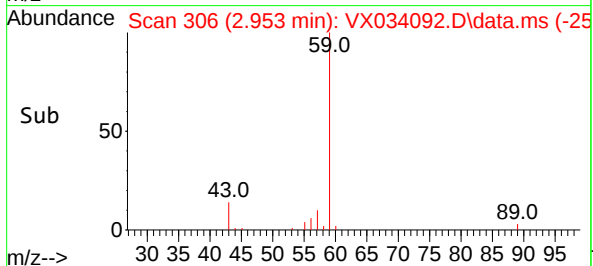
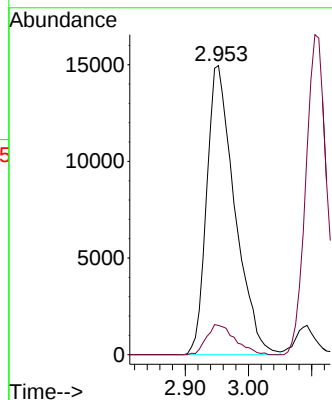
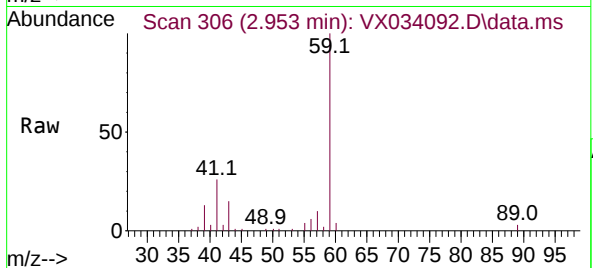
57 10.6 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#12

1,1-Dichloroethene

Concen: 42.613 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

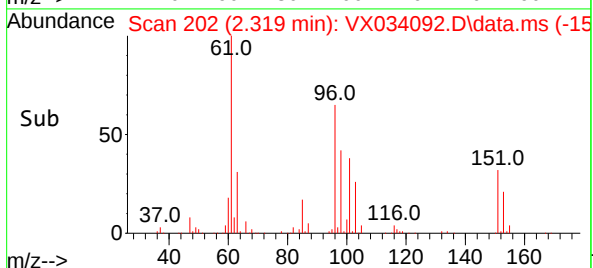
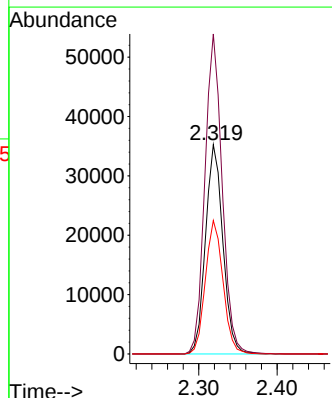
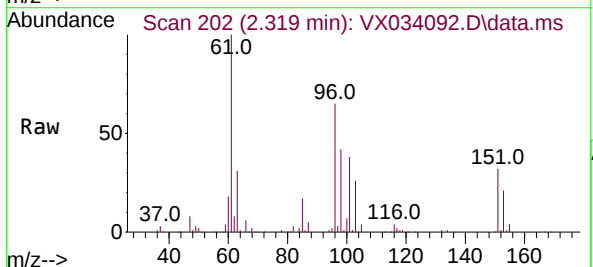
Tgt Ion: 96 Resp: 54391

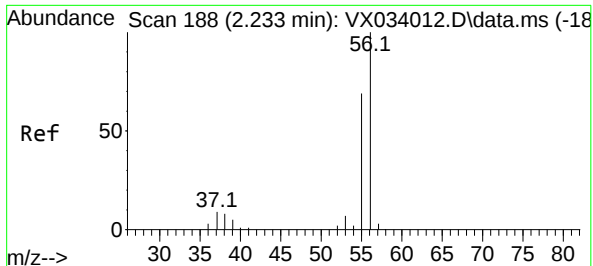
Ion Ratio Lower Upper

96 100

61 152.9 134.2 201.4

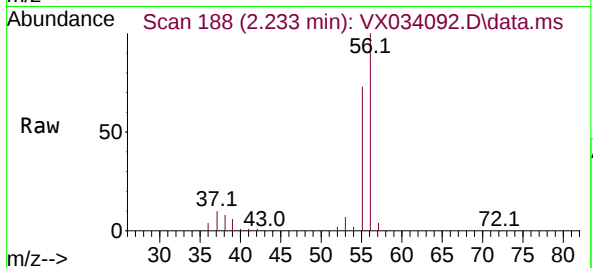
98 63.7 50.2 75.2





#13
Acrolein
Concen: 208.778 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

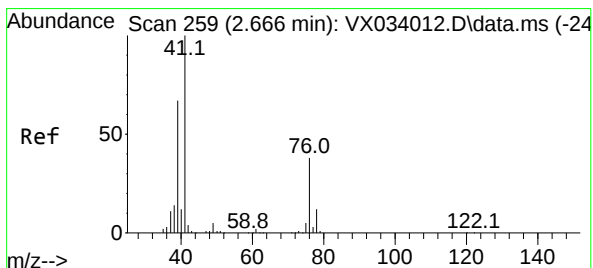
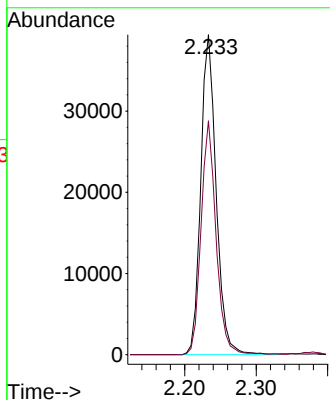
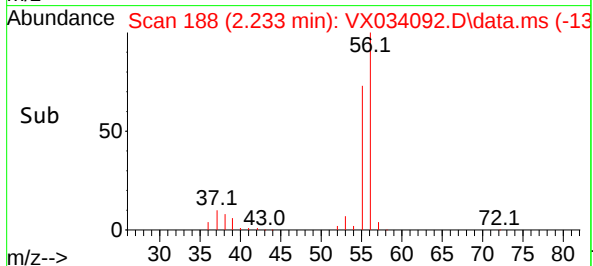
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 58960
Ion Ratio Lower Upper
56 100
55 71.2 56.3 84.5

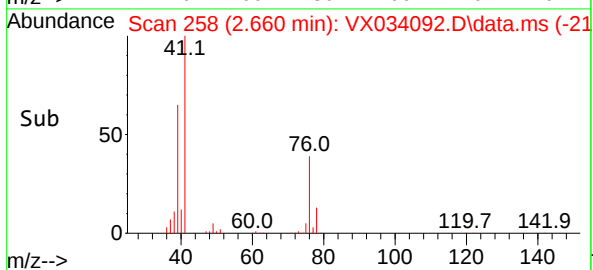
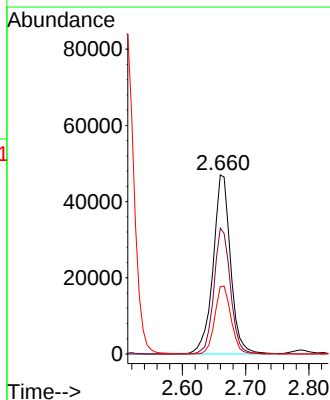
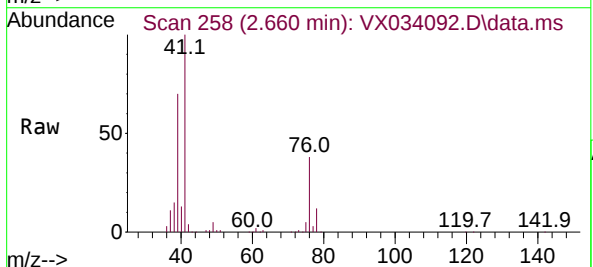
Manual Integrations
APPROVED

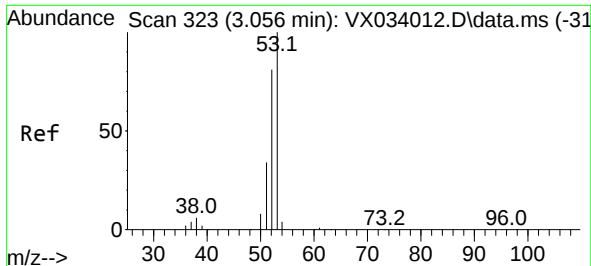
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#14
Allyl chloride
Concen: 43.308 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

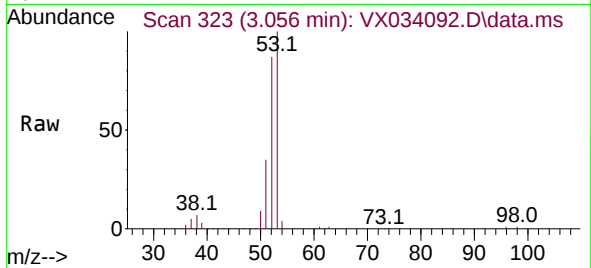
Tgt Ion: 41 Resp: 90128
Ion Ratio Lower Upper
41 100
39 66.1 59.0 88.4
76 35.0 24.6 37.0





#15
Acrylonitrile
Concen: 207.488 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

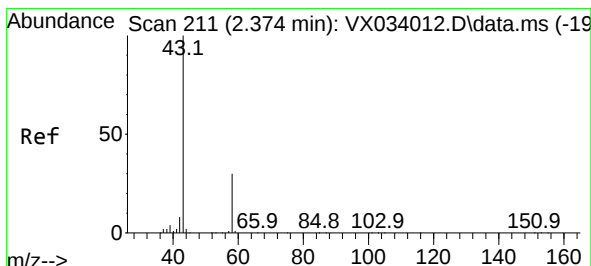
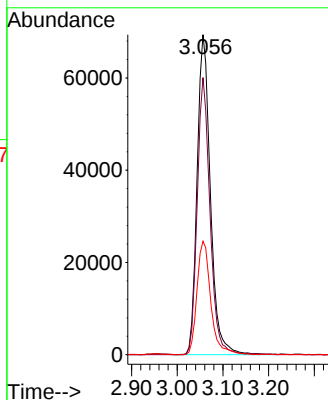
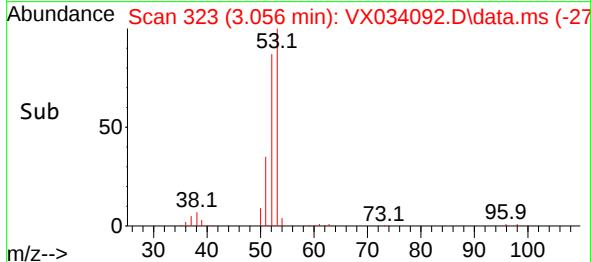
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



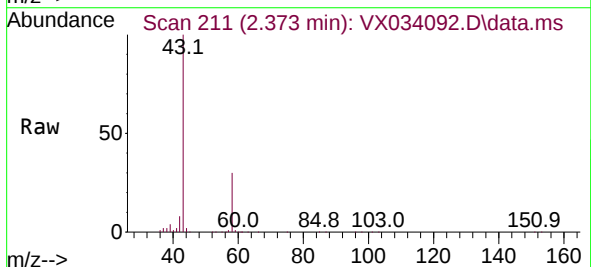
Tgt Ion: 53 Resp: 140138
Ion Ratio Lower Upper
53 100
52 83.5 65.7 98.5
51 36.8 29.0 43.4

Manual Integrations
APPROVED

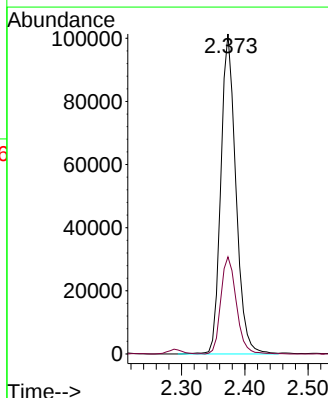
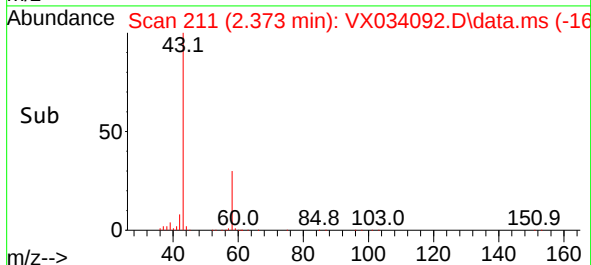
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

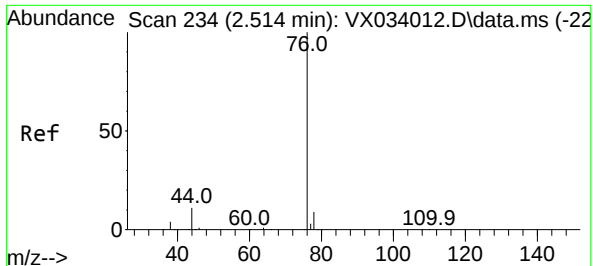


#16
Acetone
Concen: 262.941 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36



Tgt Ion: 43 Resp: 166900
Ion Ratio Lower Upper
43 100
58 30.3 22.6 33.8





#17

Carbon Disulfide

Concen: 41.867 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 13558

Ion Ratio Lower Upper

76 100

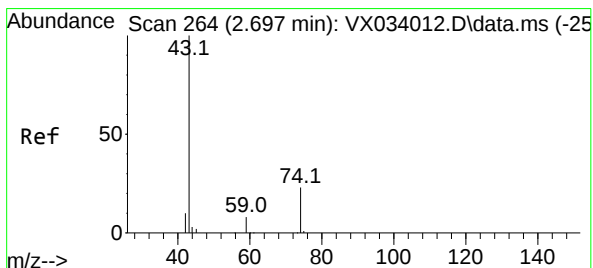
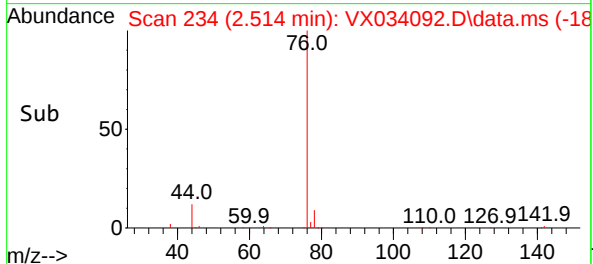
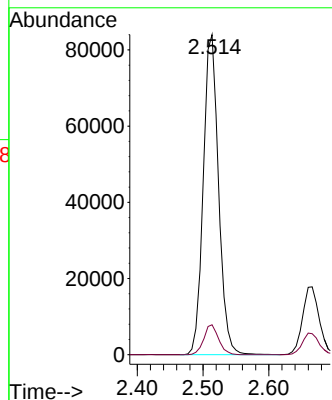
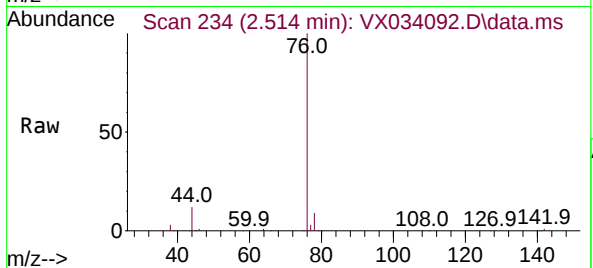
78 9.4 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#18

Methyl Acetate

Concen: 43.328 ug/l

RT: 2.696 min Scan# 264

Delta R.T. -0.000 min

Lab File: VX034092.D

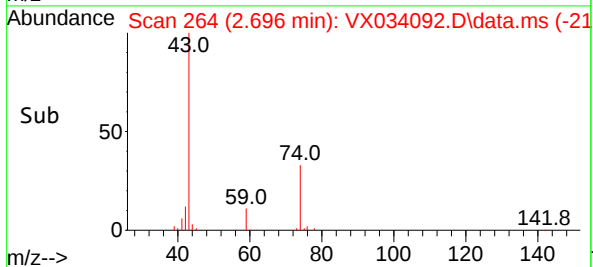
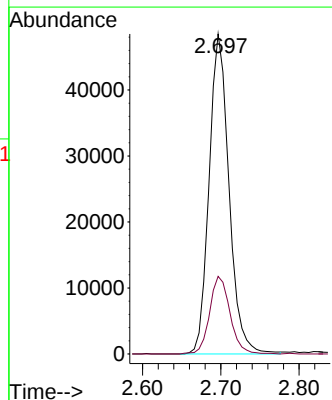
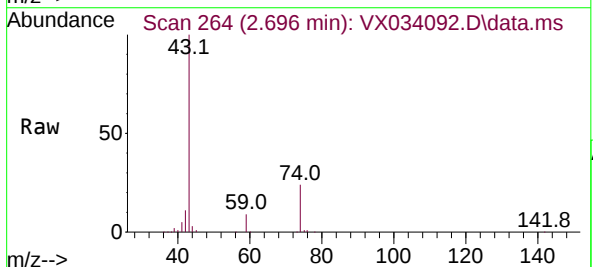
Acq: 09 Feb 2023 09:36

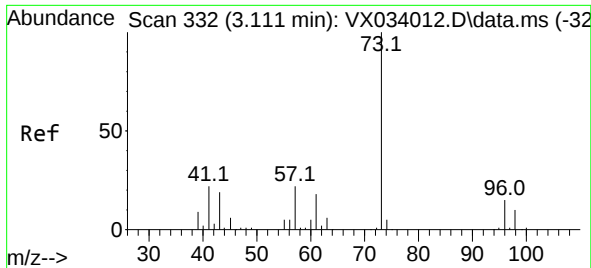
Tgt Ion: 43 Resp: 85550

Ion Ratio Lower Upper

43 100

74 24.8 18.2 27.4





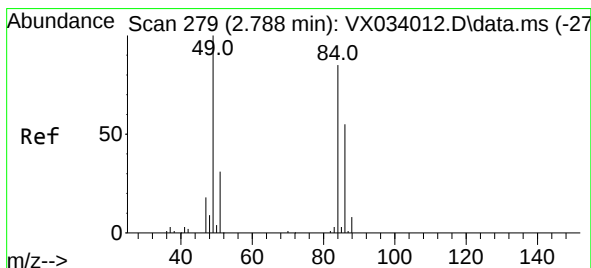
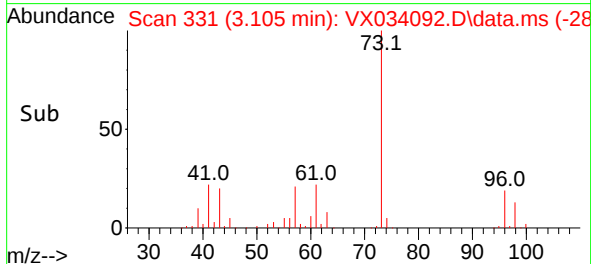
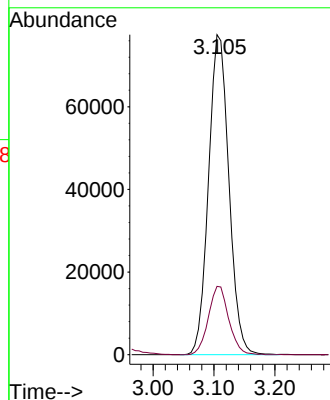
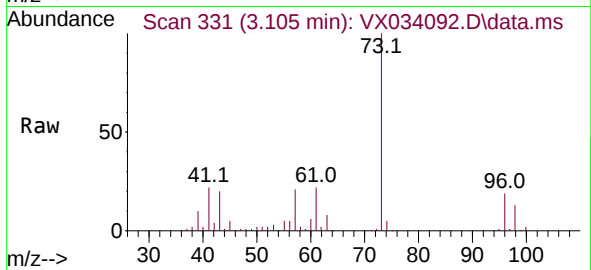
#19
Methyl tert-butyl Ether
Concen: 45.702 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 17988
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.0

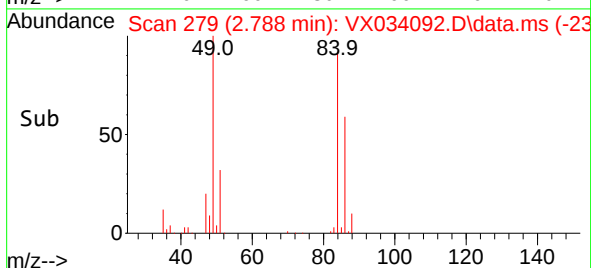
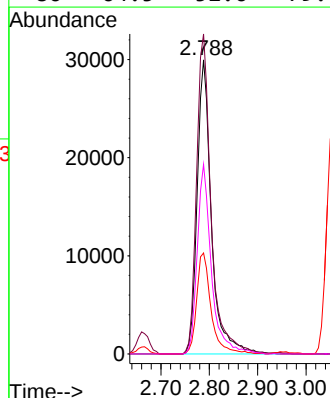
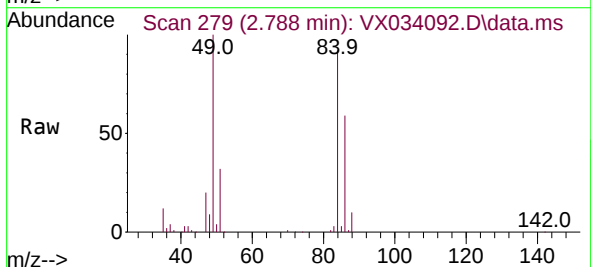
Manual Integrations
APPROVED

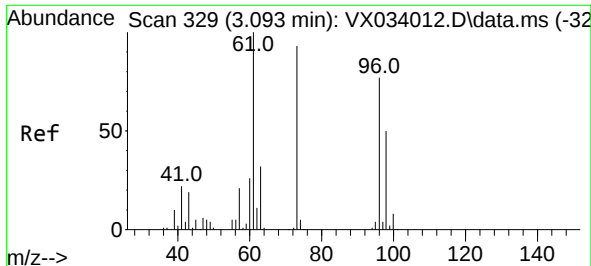
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#20
Methylene Chloride
Concen: 42.198 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

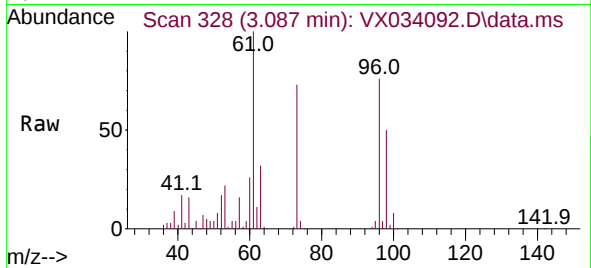
Tgt Ion: 84 Resp: 61278
Ion Ratio Lower Upper
84 100
49 108.8 101.1 151.7
51 34.3 31.0 46.6
86 64.5 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 43.346 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

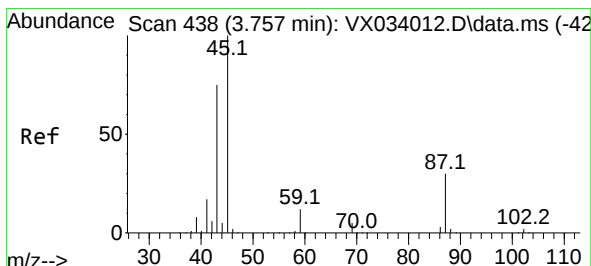
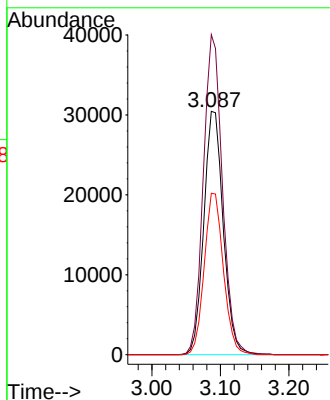
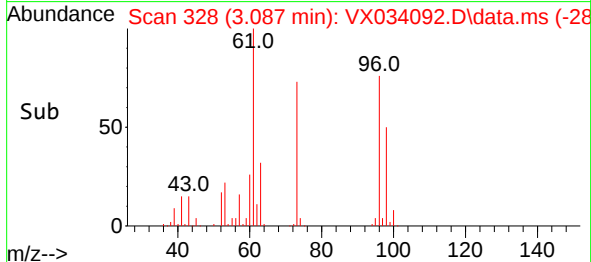
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



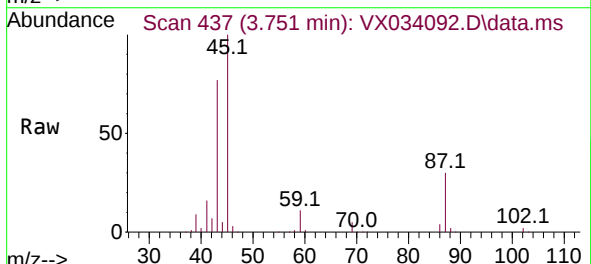
Tgt Ion: 96 Resp: 60260
Ion Ratio Lower Upper
96 100
61 131.5 106.7 160.1
98 66.4 50.0 75.0

Manual Integrations
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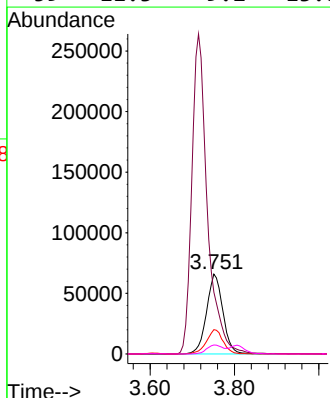
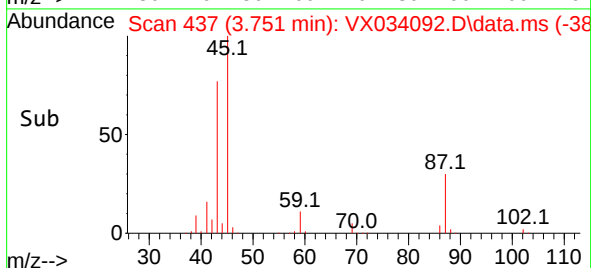
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

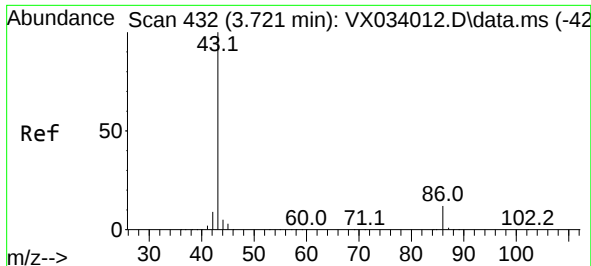


#22
Diisopropyl ether
Concen: 43.215 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36



Tgt Ion: 45 Resp: 177477
Ion Ratio Lower Upper
45 100
43 77.1 64.6 97.0
87 30.4 21.9 32.9
59 11.3 9.2 13.8





#23

Vinyl Acetate

Concen: 217.606 ug/l

RT: 3.715 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 680520

Ion Ratio Lower Upper

43 100

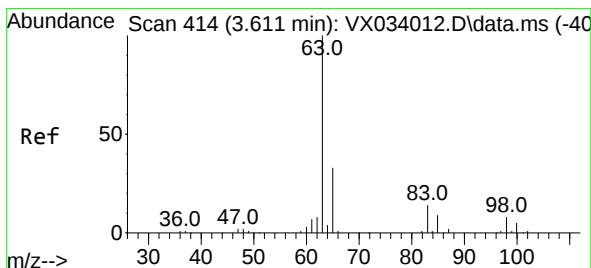
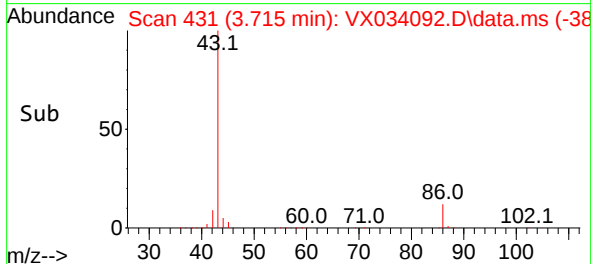
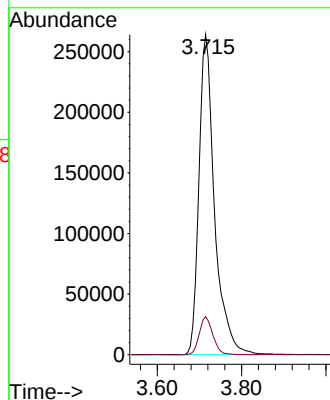
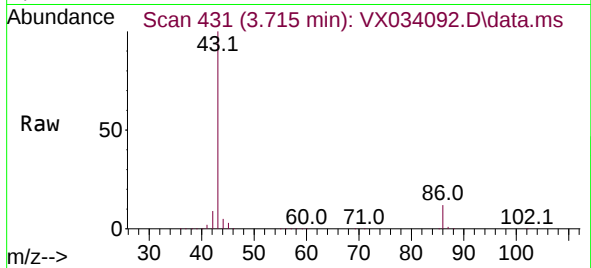
86 11.9 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#24

1,1-Dichloroethane

Concen: 44.078 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.006 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

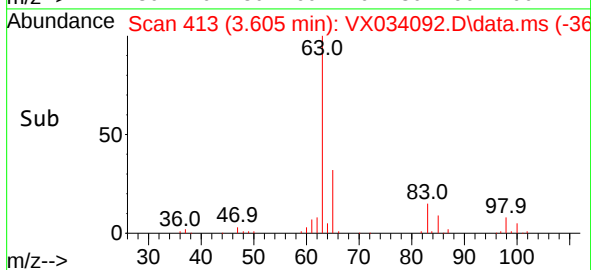
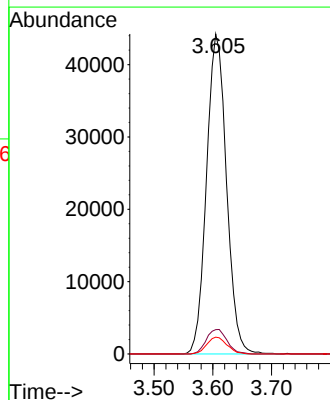
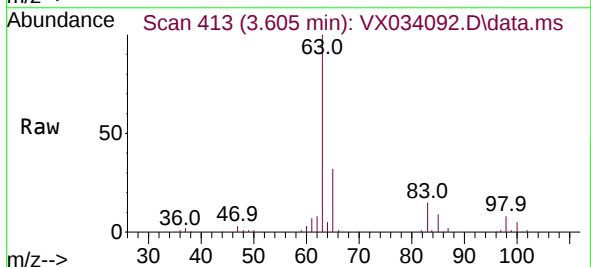
Tgt Ion: 63 Resp: 104341

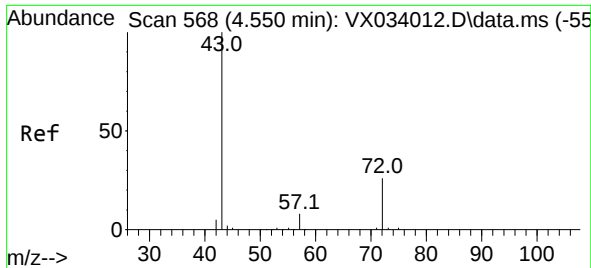
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.2

100 5.2 2.4 7.2





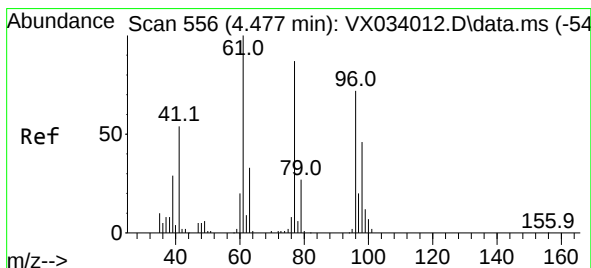
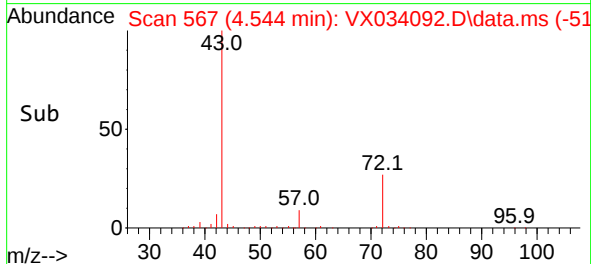
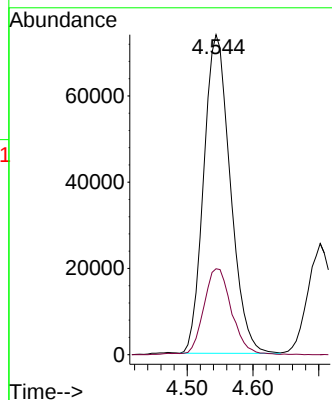
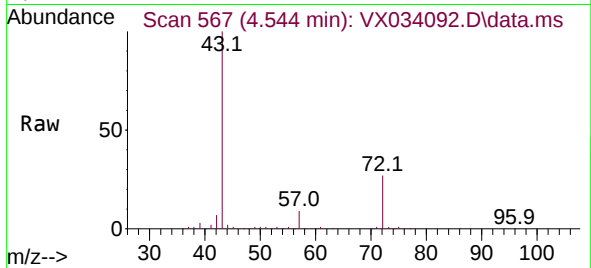
#25
2-Butanone
Concen: 224.823 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 207790
Ion Ratio Lower Upper
43 100
72 26.9 19.4 29.2

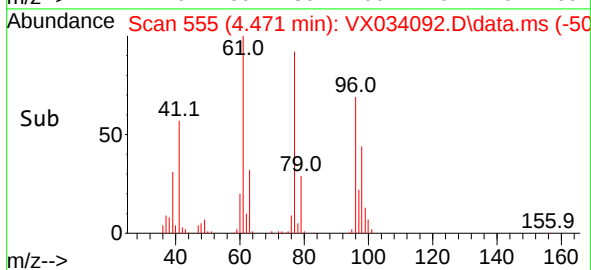
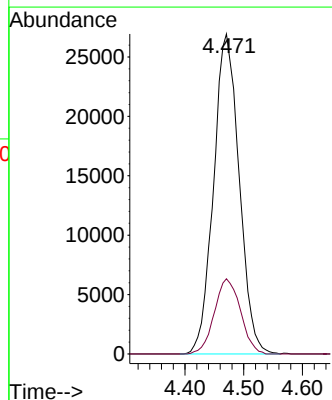
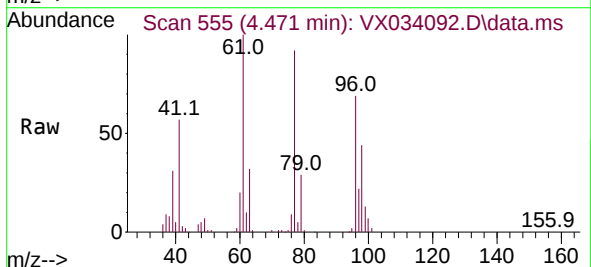
Manual Integrations
APPROVED

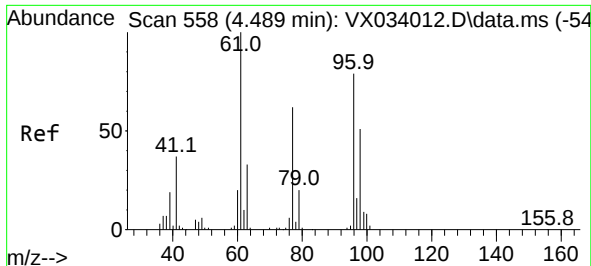
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#26
2,2-Dichloropropane
Concen: 47.191 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

Tgt Ion: 77 Resp: 81488
Ion Ratio Lower Upper
77 100
97 23.9 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 43.779 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 7000

Ion Ratio Lower Upper

96 100

61 134.5 0.0 277.6

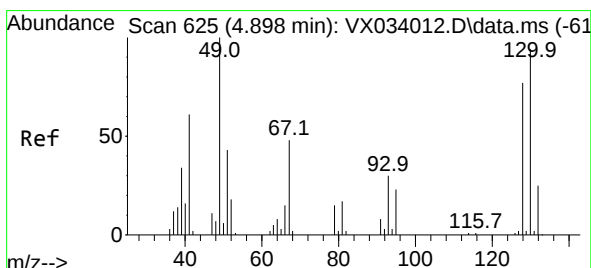
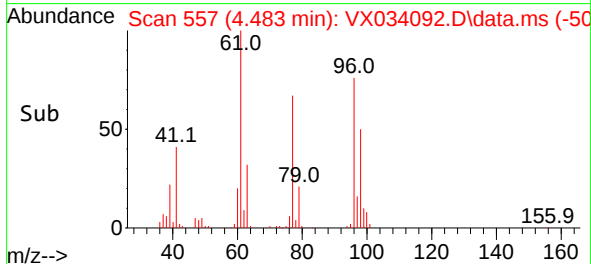
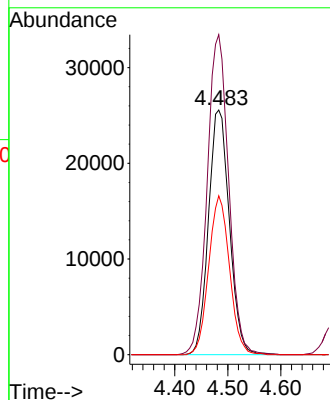
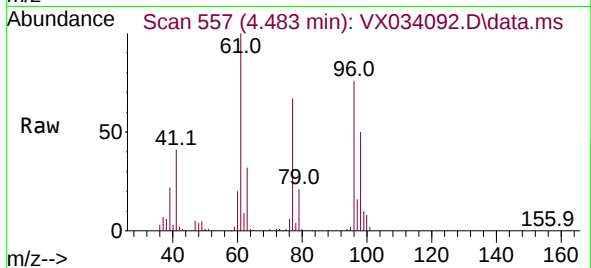
98 64.6 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#28

Bromochloromethane

Concen: 44.667 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

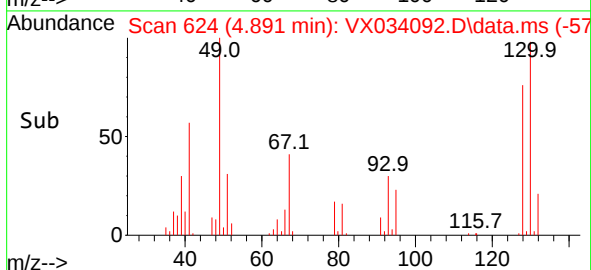
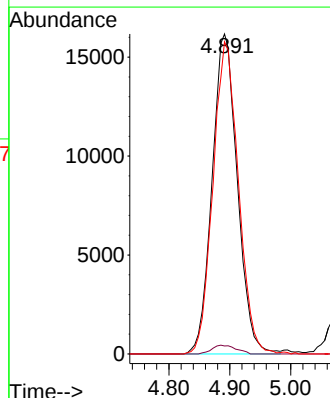
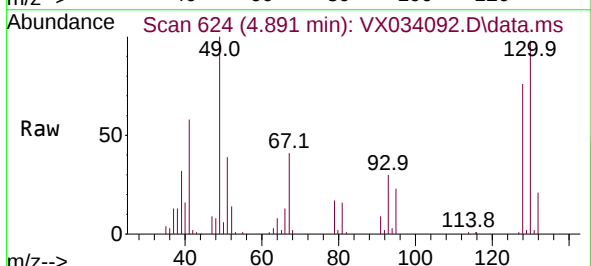
Tgt Ion: 49 Resp: 46487

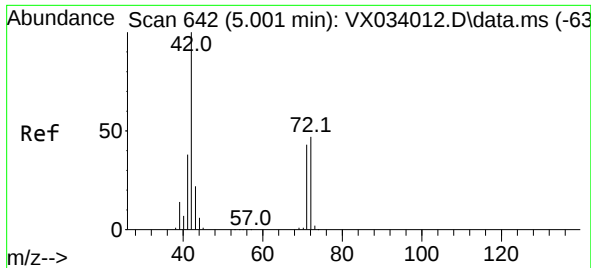
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 98.4 68.5 102.7





#29

Tetrahydrofuran

Concen: 201.544 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 118470

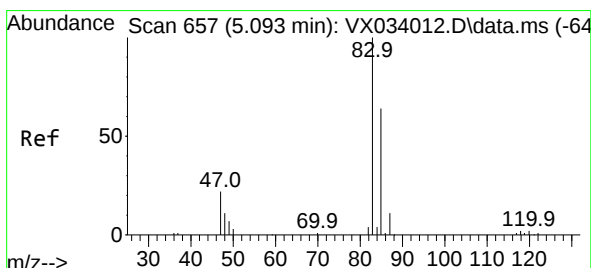
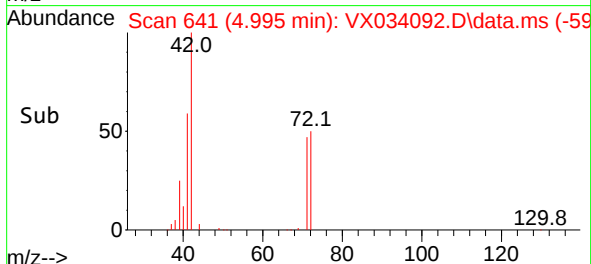
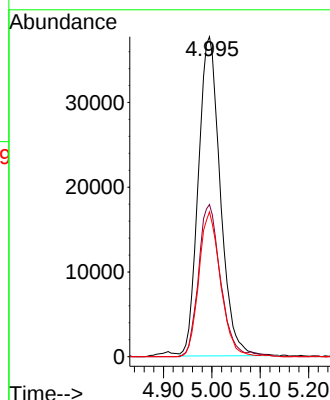
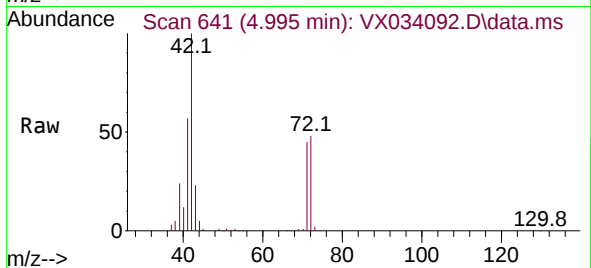
Ion	Ratio	Lower	Upper
42	100		
72	48.3	34.8	52.2
71	44.6	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#30

Chloroform

Concen: 44.808 ug/l

RT: 5.086 min Scan# 656

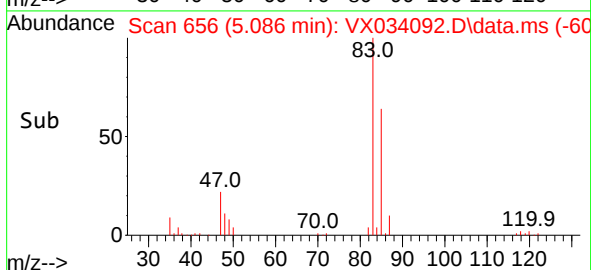
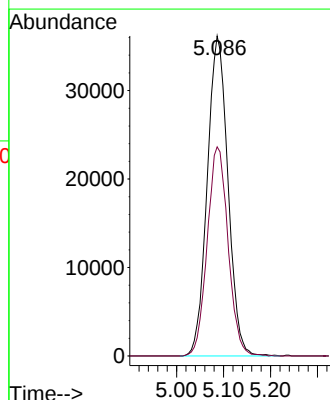
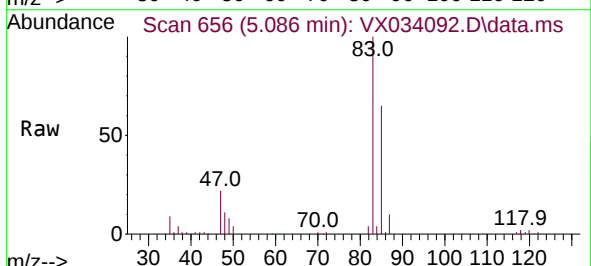
Delta R.T. -0.006 min

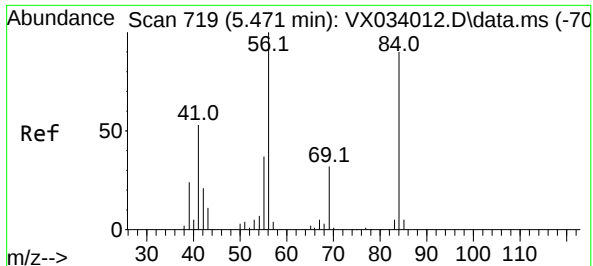
Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Tgt Ion: 83 Resp: 110544

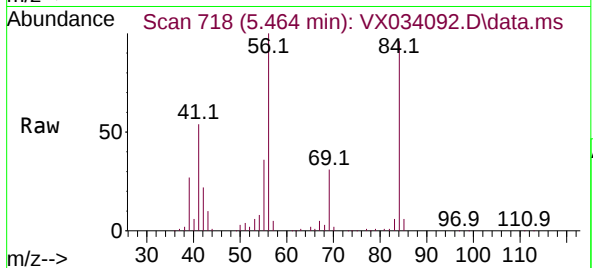
Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.1	78.1





#31
Cyclohexane
Concen: 42.922 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

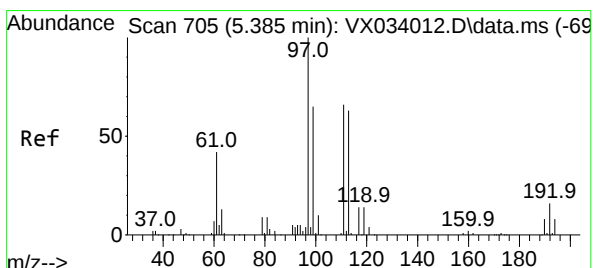
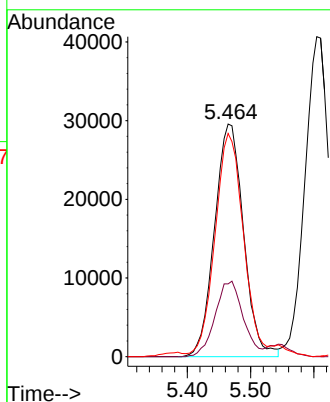
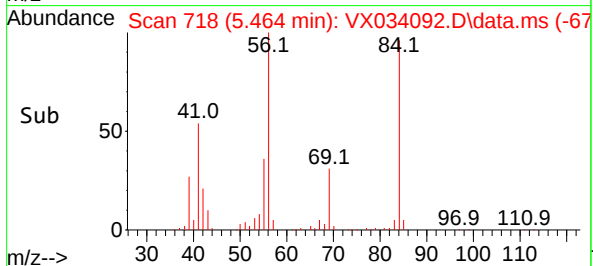
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



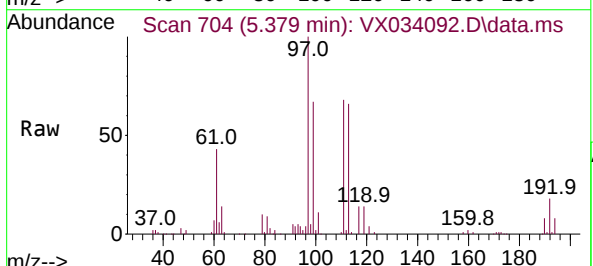
Tgt Ion: 56 Resp: 93939
Ion Ratio Lower Upper
56 100
69 31.3 24.6 37.0
84 94.0 71.0 106.6

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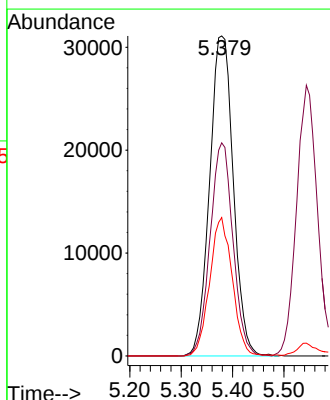
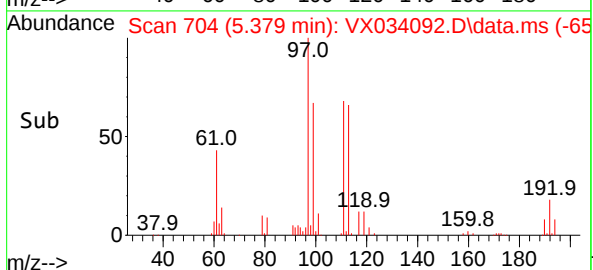
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

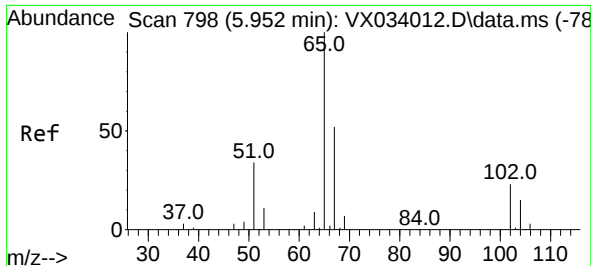


#32
1,1,1-Trichloroethane
Concen: 46.803 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36



Tgt Ion: 97 Resp: 99441
Ion Ratio Lower Upper
97 100
99 64.4 52.3 78.5
61 41.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.233 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 66470

Ion Ratio Lower Upper

65 100

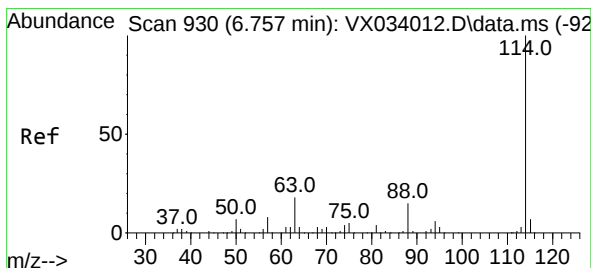
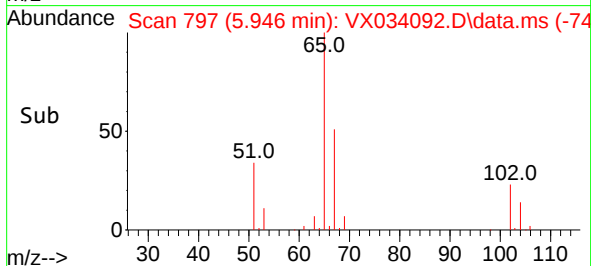
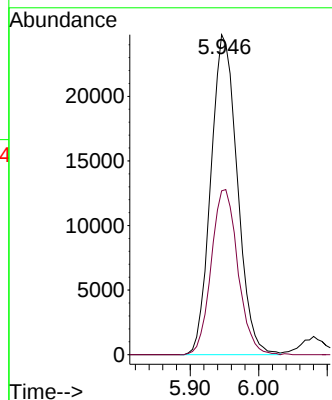
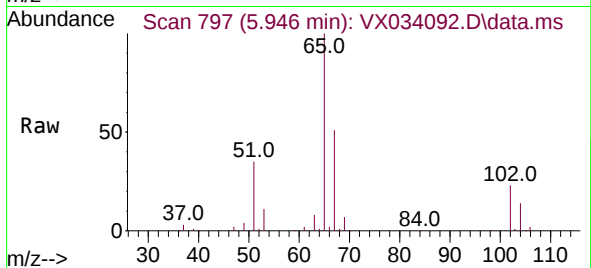
67 51.8 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

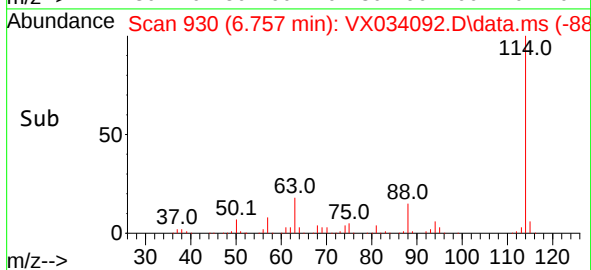
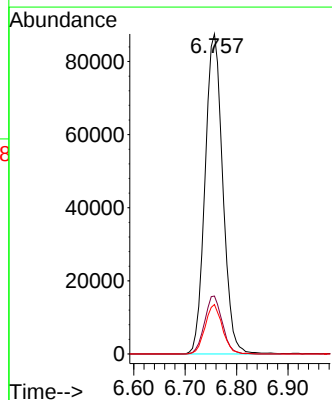
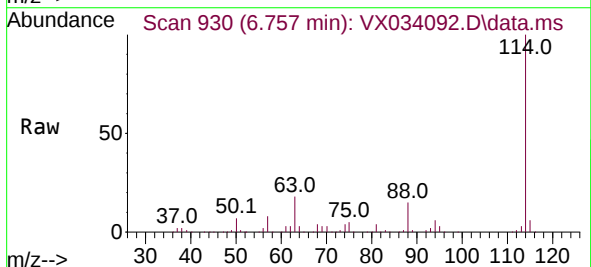
Tgt Ion:114 Resp: 209398

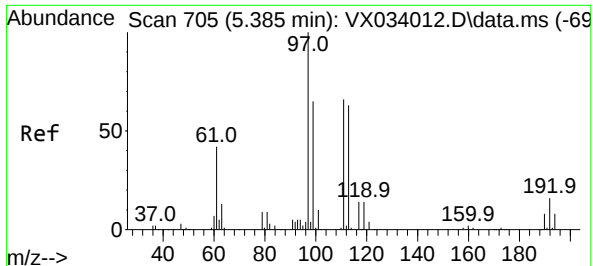
Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.4

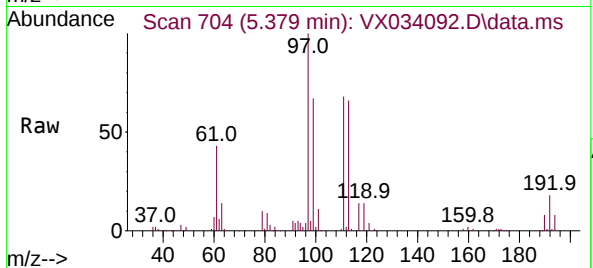
88 15.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 44.958 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

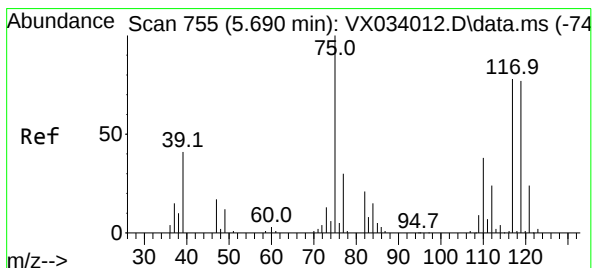
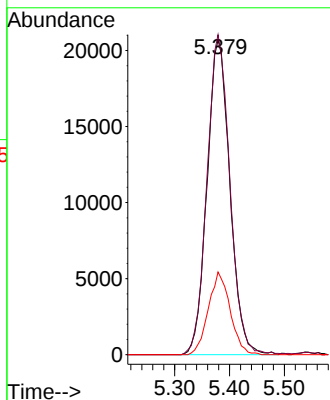
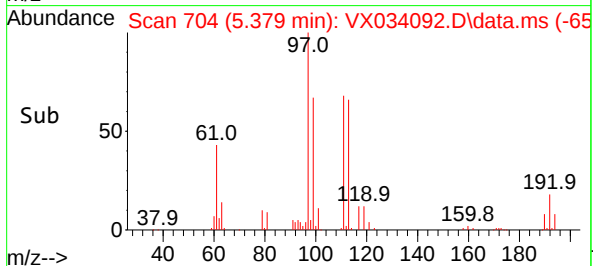
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



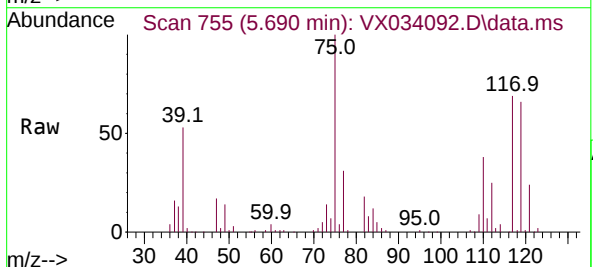
Tgt Ion: 113 Resp: 5991
Ion Ratio Lower Upper
113 100
111 101.8 83.0 124.6
192 25.0 19.0 28.4

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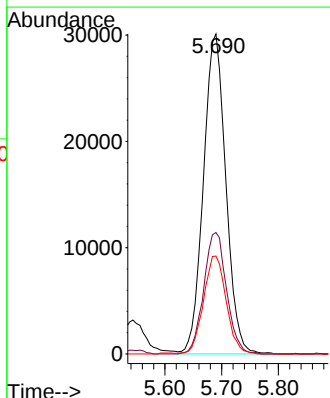
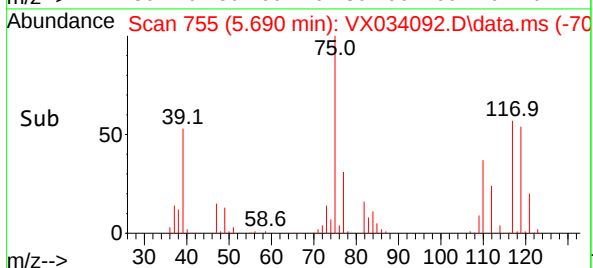
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

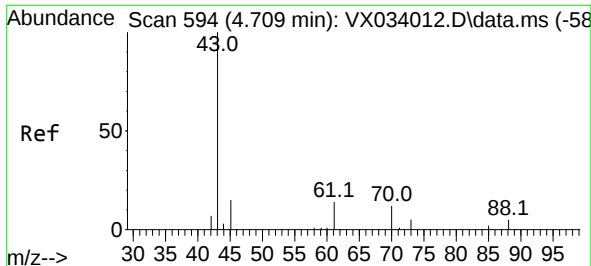


#36
1,1-Dichloropropene
Concen: 45.282 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36



Tgt Ion: 75 Resp: 82738
Ion Ratio Lower Upper
75 100
110 38.6 18.8 56.4
77 30.9 25.1 37.7





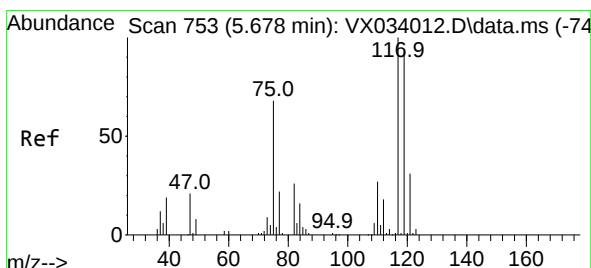
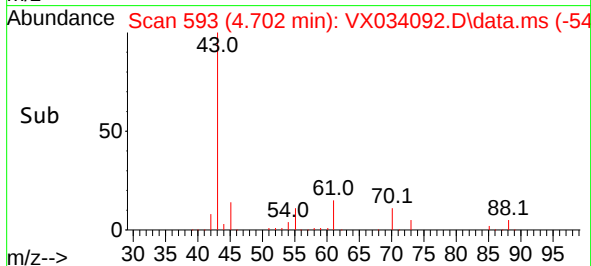
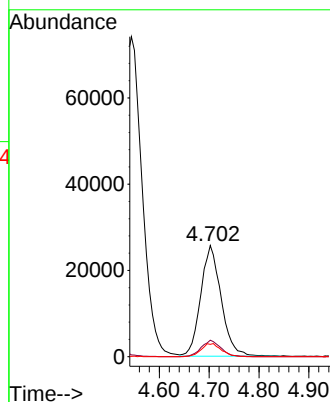
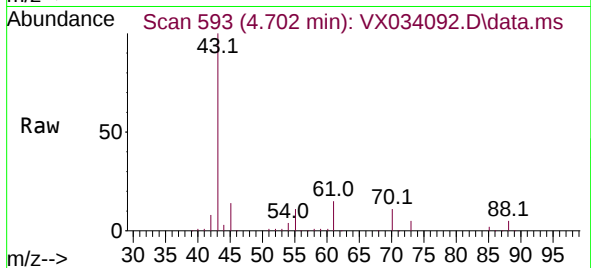
#37
Ethyl Acetate
Concen: 42.961 ug/l
RT: 4.702 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 73125
Ion Ratio Lower Upper
43 100
61 14.3 11.1 16.7
70 11.7 8.5 12.7

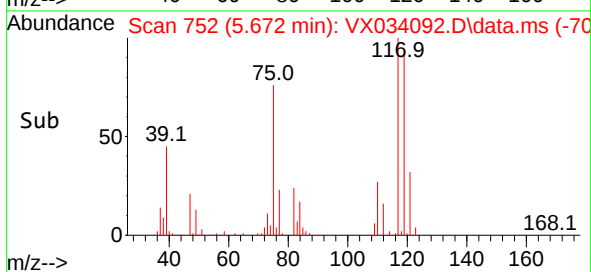
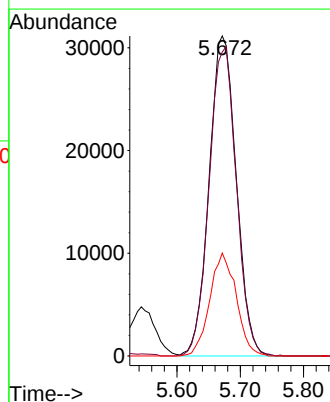
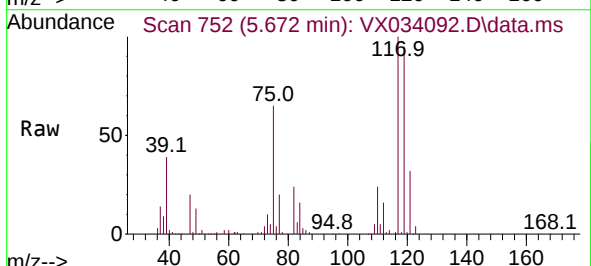
Manual Integrations
APPROVED

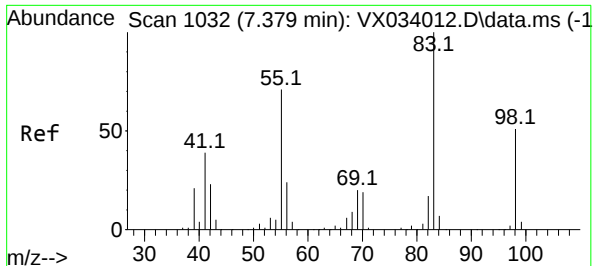
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#38
Carbon Tetrachloride
Concen: 47.767 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

Tgt Ion:117 Resp: 93087
Ion Ratio Lower Upper
117 100
119 94.8 78.0 117.0
121 32.1 24.4 36.6





#39

Methylcyclohexane

Concen: 45.673 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 10504

Ion Ratio Lower Upper

83 100

55 74.0 61.8 92.6

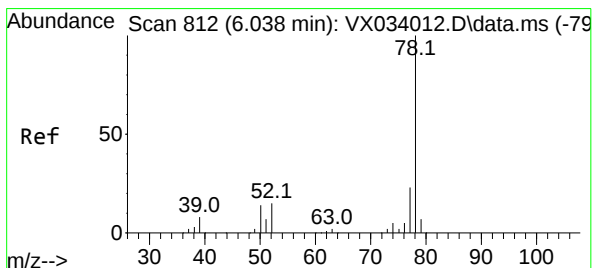
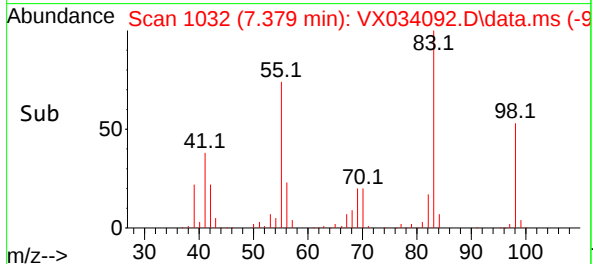
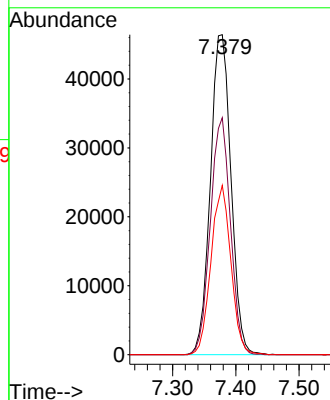
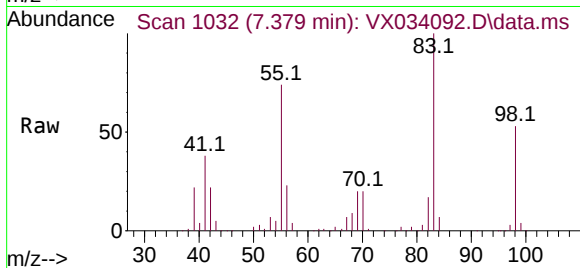
98 52.9 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#40

Benzene

Concen: 44.617 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX034092.D

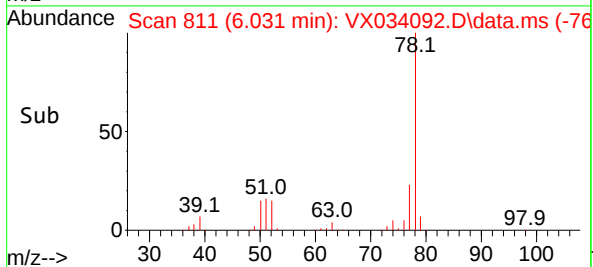
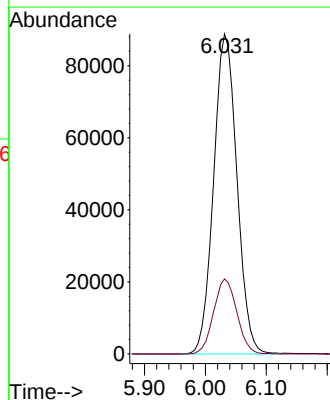
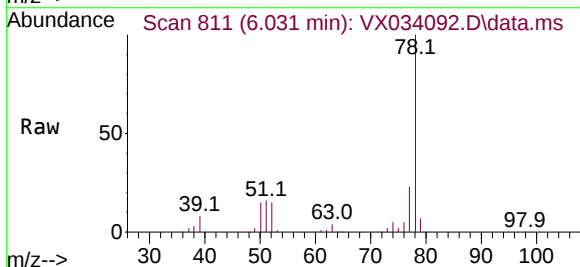
Acq: 09 Feb 2023 09:36

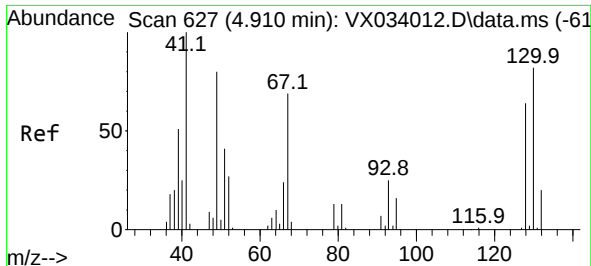
Tgt Ion: 78 Resp: 235879

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.4





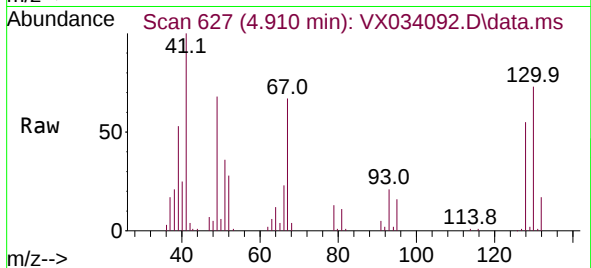
#41
Methacrylonitrile
Concen: 45.251 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



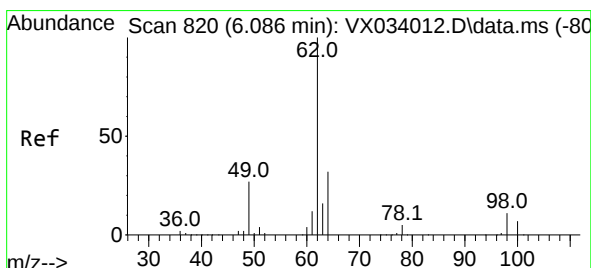
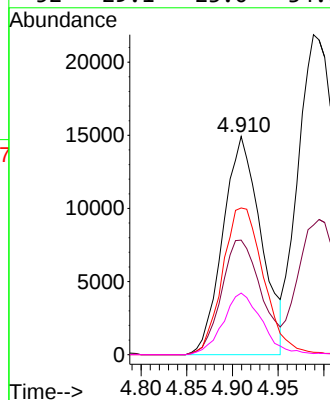
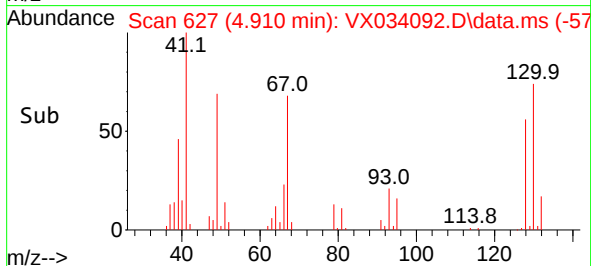
Tgt Ion: 41 Resp: 43340
Ion Ratio Lower Upper
41 100
39 54.8 43.8 65.6
67 72.6 54.8 82.2
52 29.1 23.0 34.6

Manual Integrations

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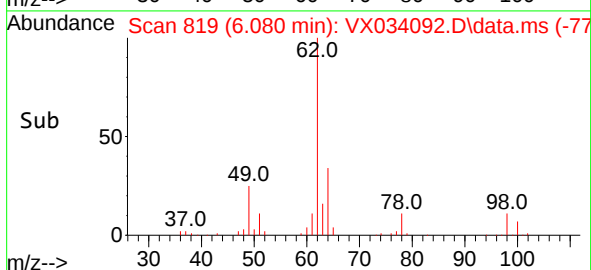
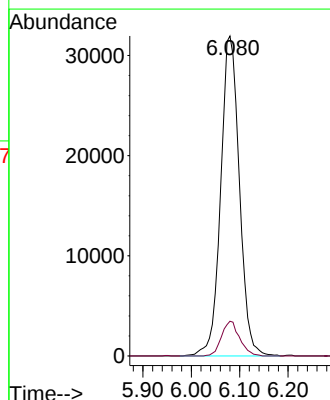
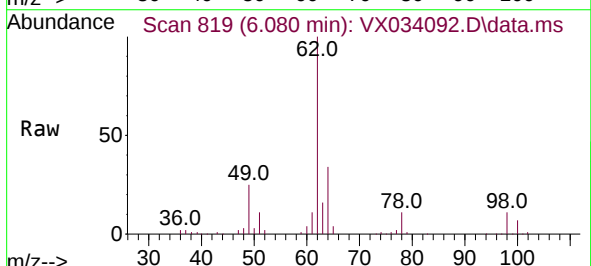
Reviewed By :John Carlone 02/09/2023

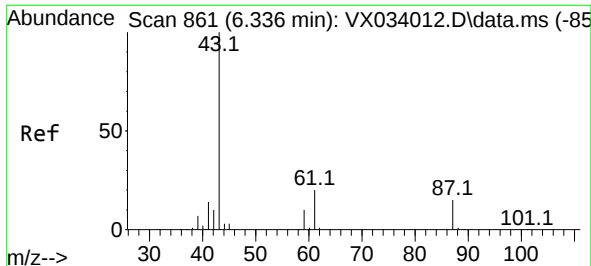
Supervised By :Semsettin Yesilyurt 02/10/2023



#42
1,2-Dichloroethane
Concen: 47.794 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

Tgt Ion: 62 Resp: 85861
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.2





#43

Isopropyl Acetate

Concen: 45.823 ug/l

RT: 6.330 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 121638

Ion Ratio Lower Upper

43 100

61 20.4 15.7 23.5

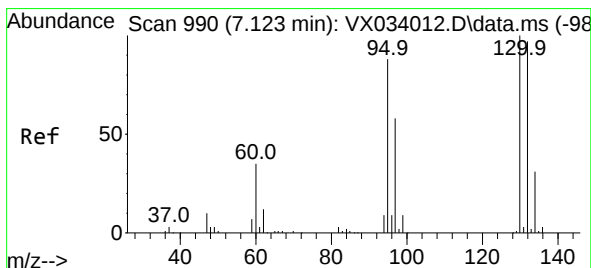
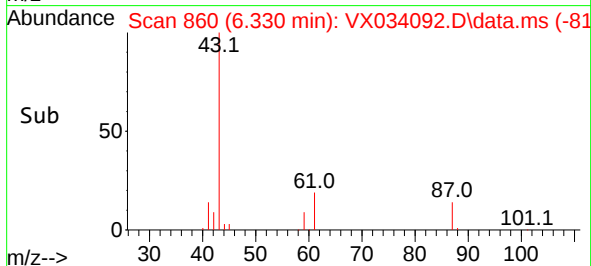
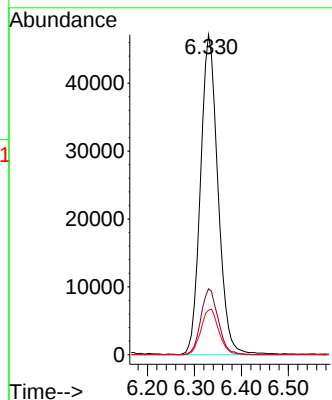
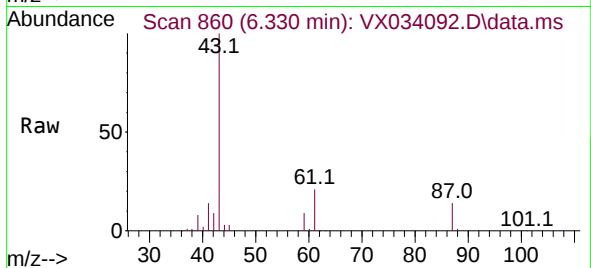
87 14.5 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#44

Trichloroethene

Concen: 46.011 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX034092.D

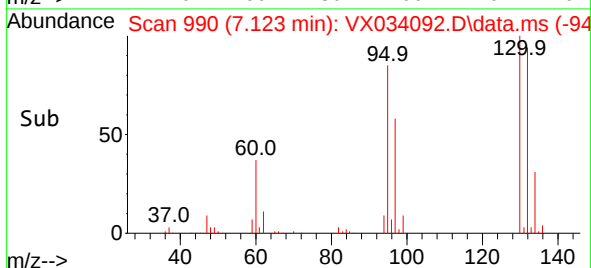
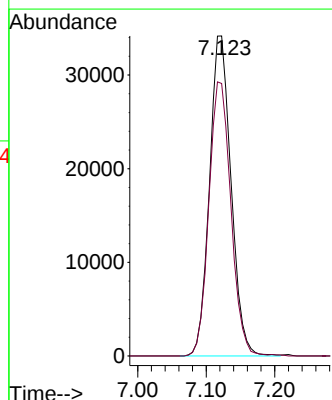
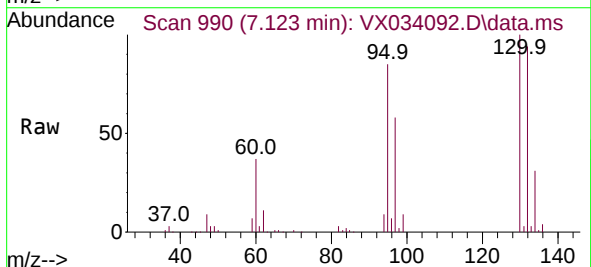
Acq: 09 Feb 2023 09:36

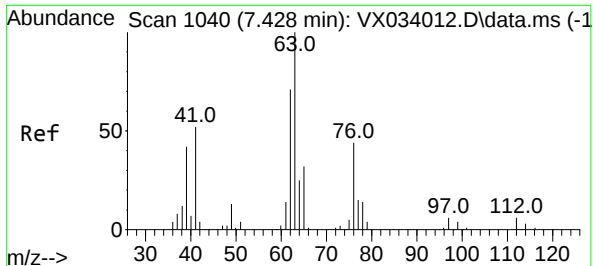
Tgt Ion:130 Resp: 74761

Ion Ratio Lower Upper

130 100

95 85.2 0.0 182.6





#45

1,2-Dichloropropane

Concen: 45.211 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 59014

Ion Ratio Lower Upper

63 100

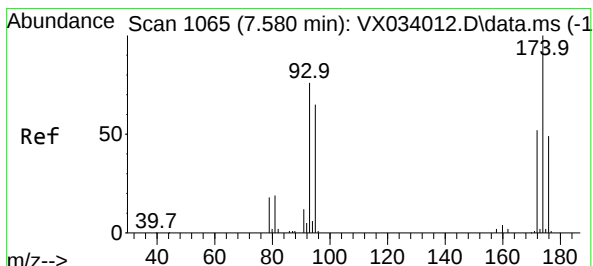
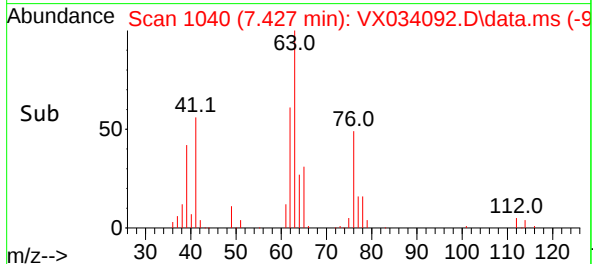
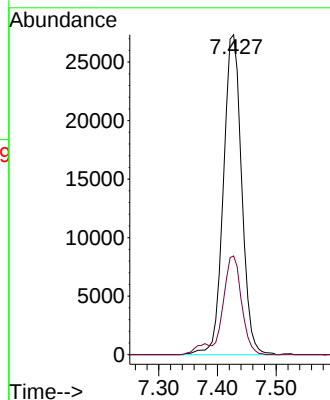
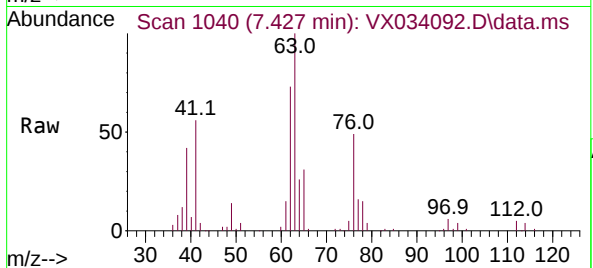
65 30.9 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#46

Dibromomethane

Concen: 46.409 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

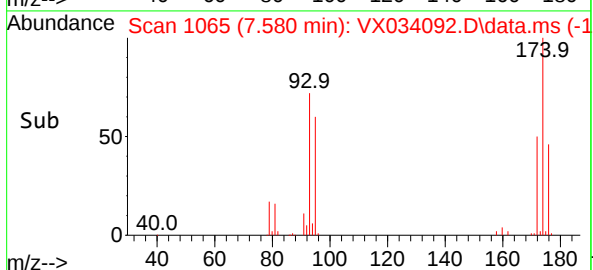
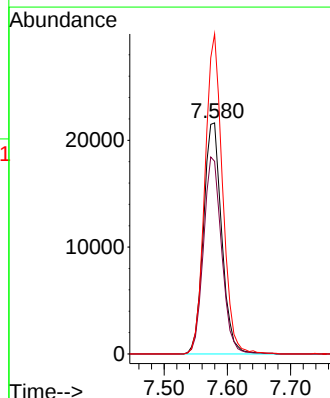
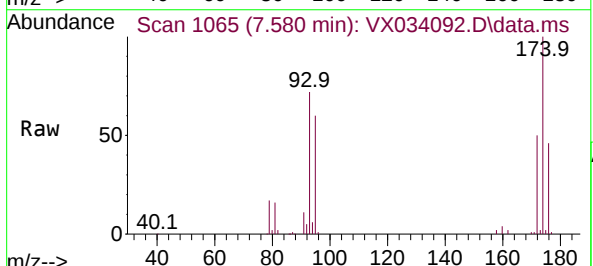
Tgt Ion: 93 Resp: 43400

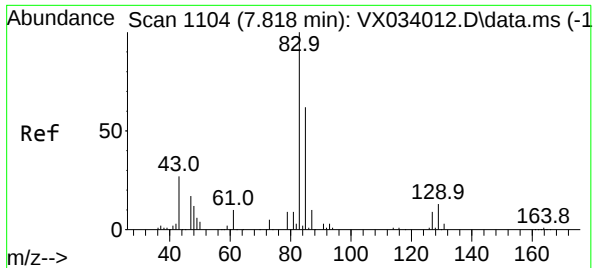
Ion Ratio Lower Upper

93 100

95 85.0 67.6 101.4

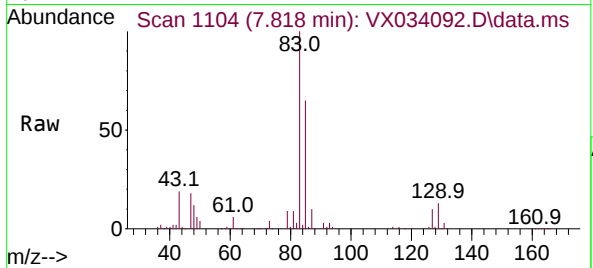
174 133.5 97.4 146.0





#47
Bromodichloromethane
Concen: 48.840 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

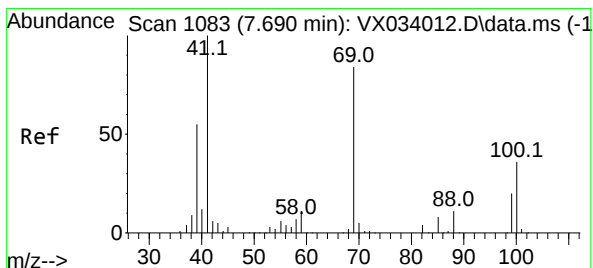
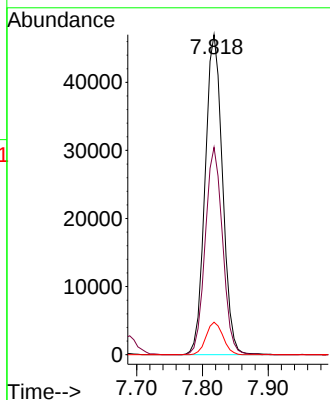
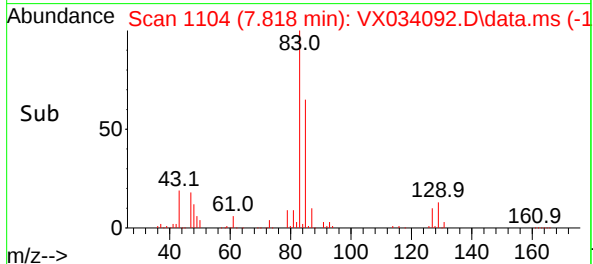
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



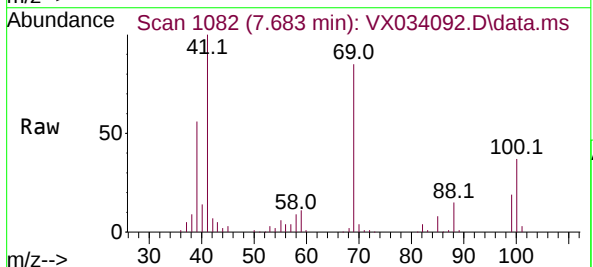
Tgt Ion: 83 Resp: 8654
Ion Ratio Lower Upper
83 100
85 64.8 49.8 74.6
127 10.2 7.0 10.4

Manual Integrations
APPROVED

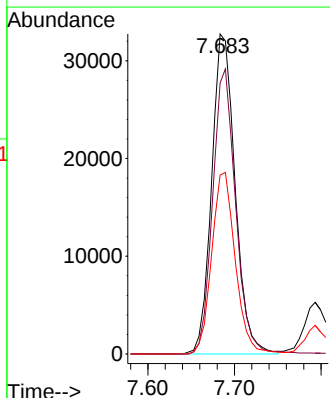
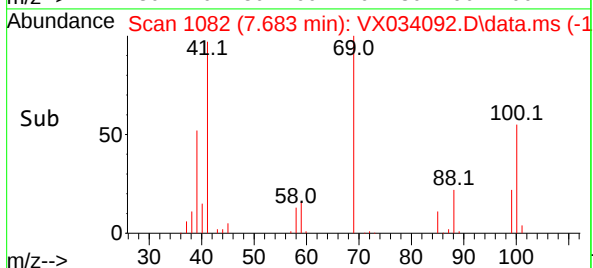
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

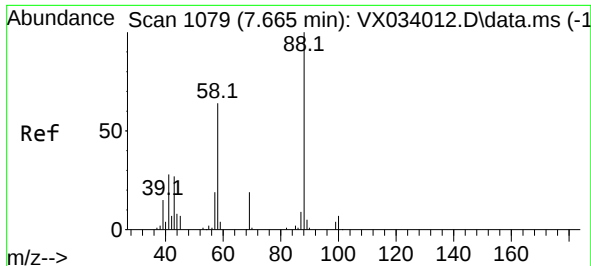


#48
Methyl methacrylate
Concen: 44.957 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36



Tgt Ion: 41 Resp: 61617
Ion Ratio Lower Upper
41 100
69 87.4 63.1 94.7
39 57.0 43.2 64.8





#49

1,4-Dioxane

Concen: 954.450 ug/l

RT: 7.659 min Scan# 1079

Delta R.T. -0.006 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

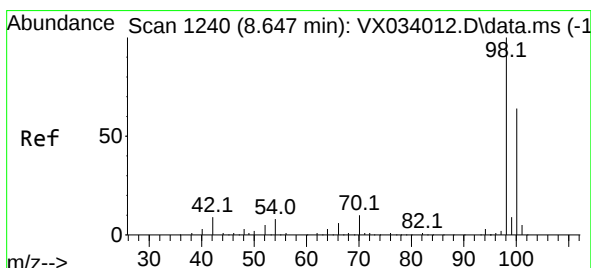
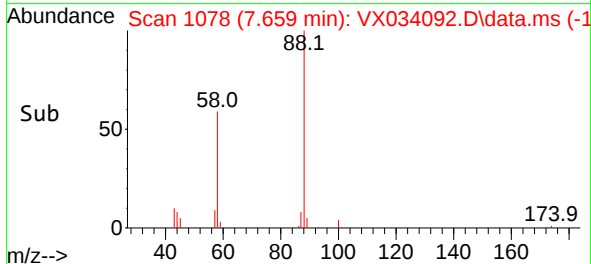
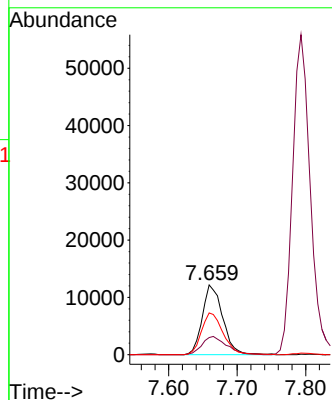
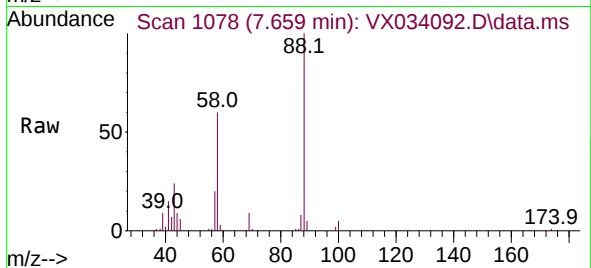
Tgt Ion: 88 Resp: 25180
 Ion Ratio Lower Upper
 88 100
 43 31.3 0.0 0.0
 58 63.4 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#50

Toluene-d8

Concen: 44.254 ug/l

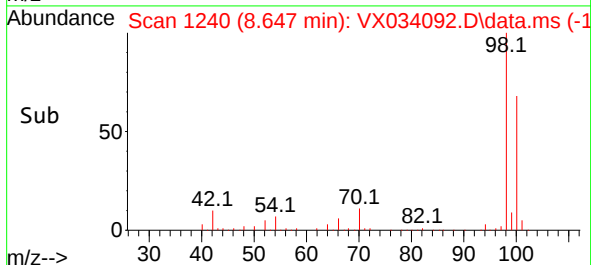
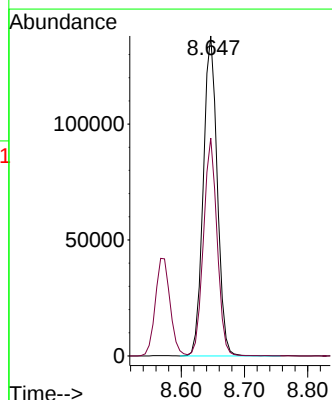
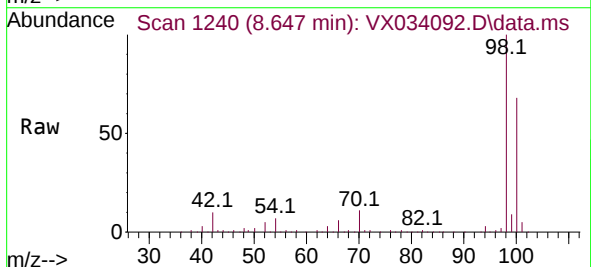
RT: 8.647 min Scan# 1240

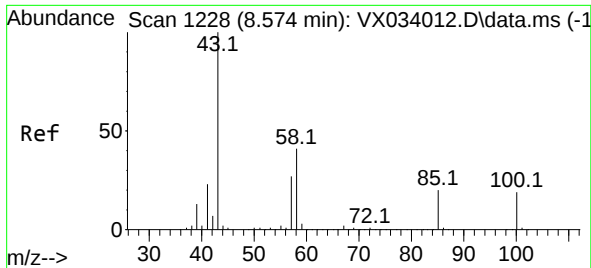
Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Tgt Ion: 98 Resp: 212489
 Ion Ratio Lower Upper
 98 100
 100 66.2 53.6 80.4





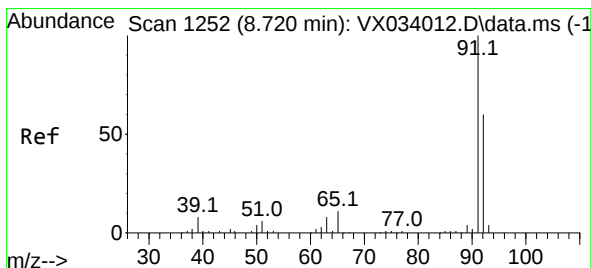
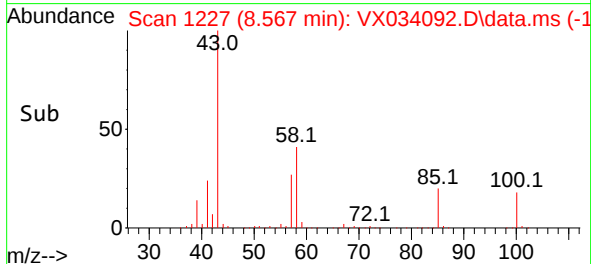
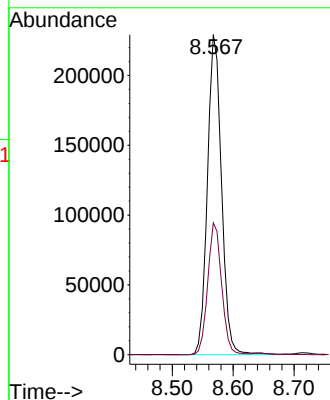
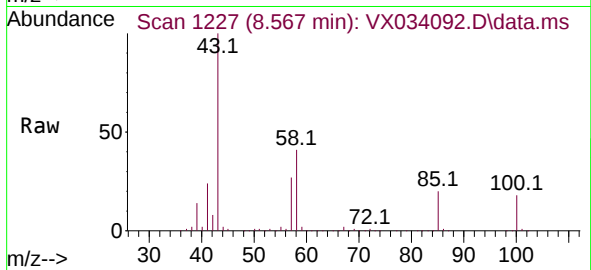
#51
4-Methyl-2-Pentanone
Concen: 221.779 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 369270
Ion Ratio Lower Upper
43 100
58 40.7 31.2 46.8

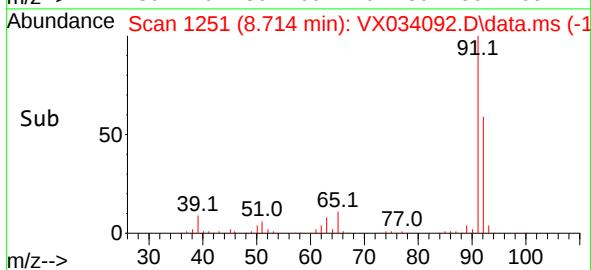
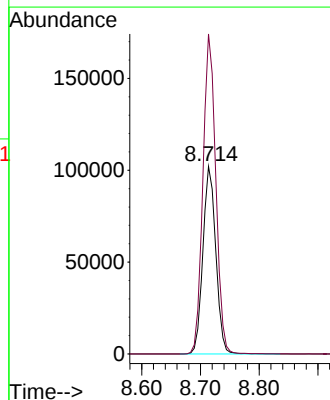
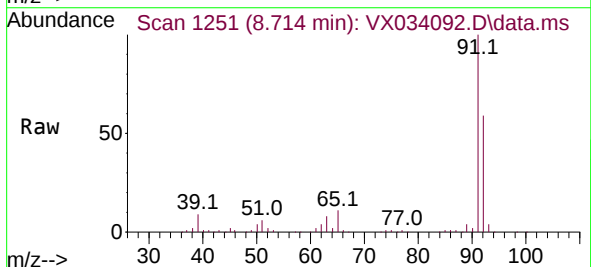
Manual Integrations
APPROVED

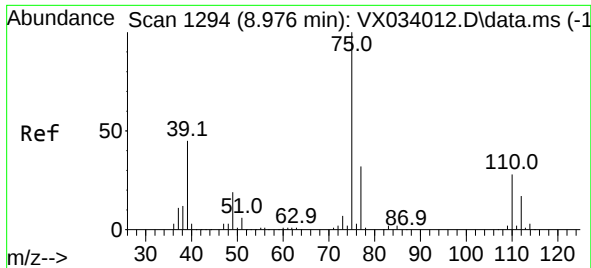
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#52
Toluene
Concen: 45.374 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

Tgt Ion: 92 Resp: 155459
Ion Ratio Lower Upper
92 100
91 170.4 135.5 203.3





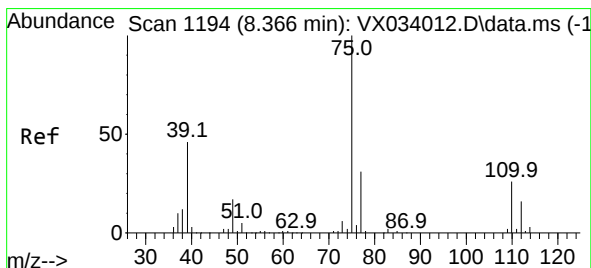
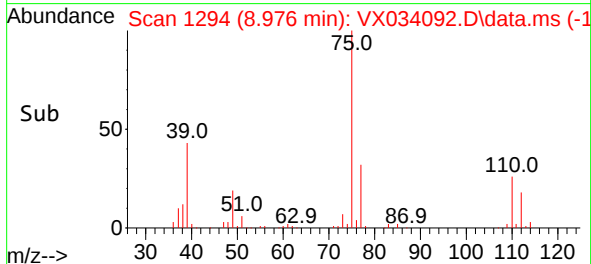
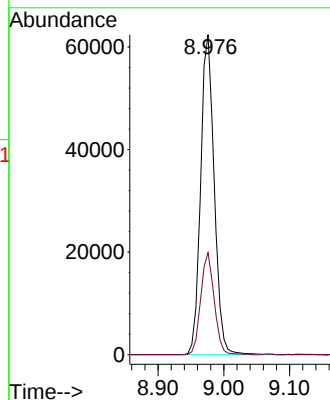
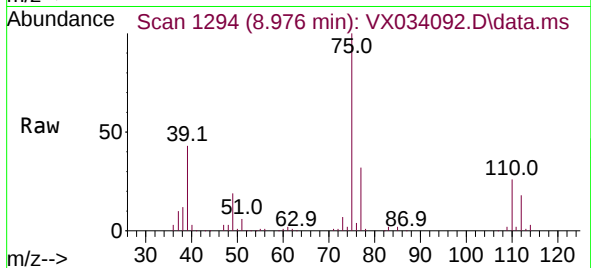
#53
t-1,3-Dichloropropene
Concen: 50.240 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 89494
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3

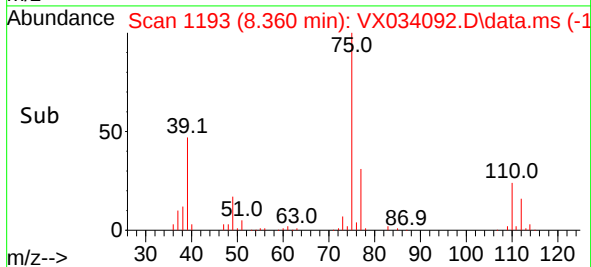
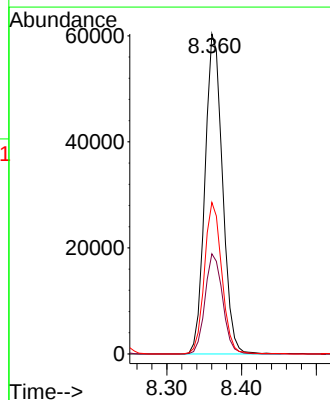
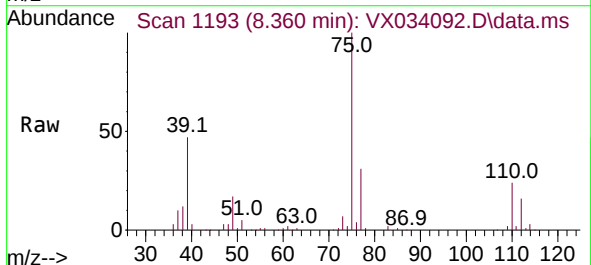
Manual Integrations
APPROVED

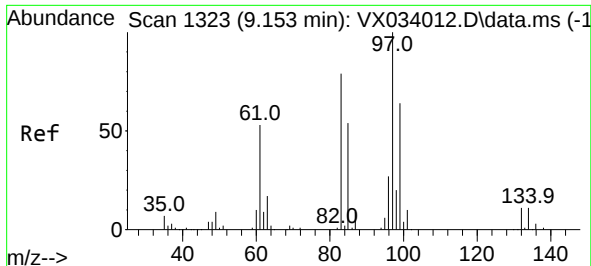
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#54
cis-1,3-Dichloropropene
Concen: 48.526 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

Tgt Ion: 75 Resp: 98347
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6
39 47.4 38.6 58.0





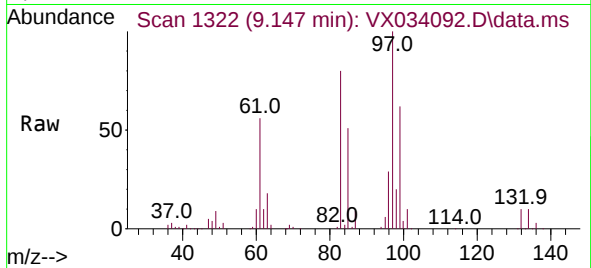
#55
1,1,2-Trichloroethane
Concen: 46.192 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



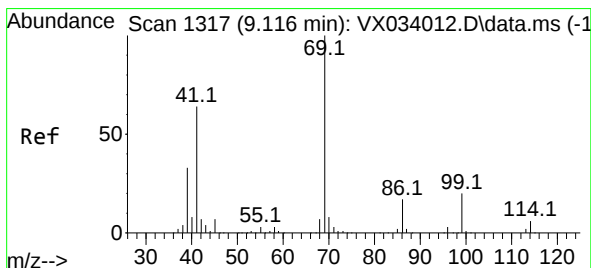
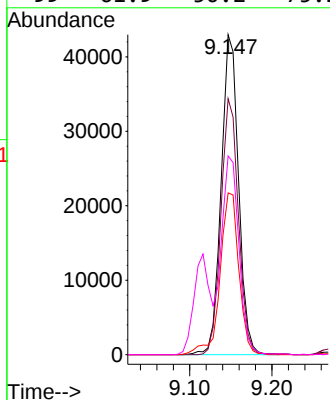
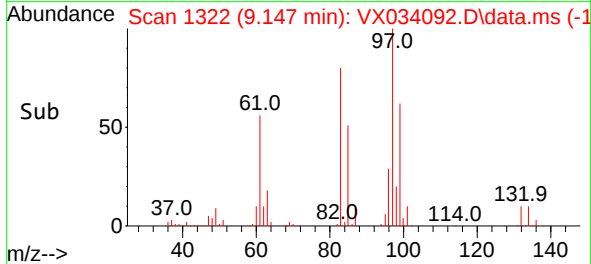
Tgt Ion: 97 Resp: 63214
Ion Ratio Lower Upper
97 100
83 80.0 67.4 101.0
85 50.6 43.2 64.8
99 61.9 50.2 75.2

Manual Integrations

APPROVED

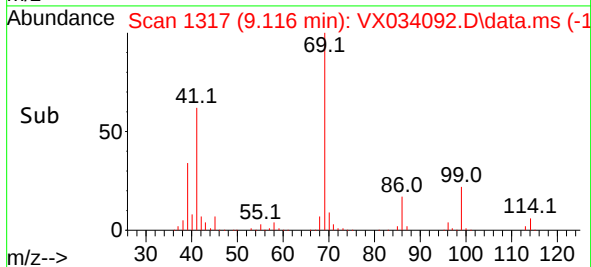
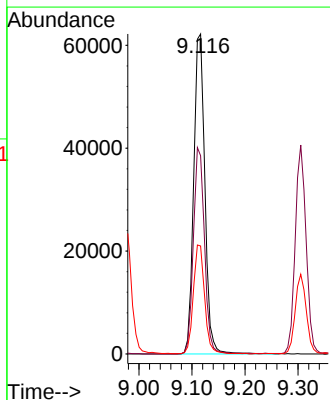
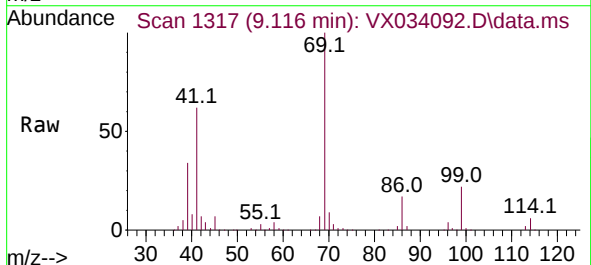
Reviewed By :John Carlone 02/09/2023

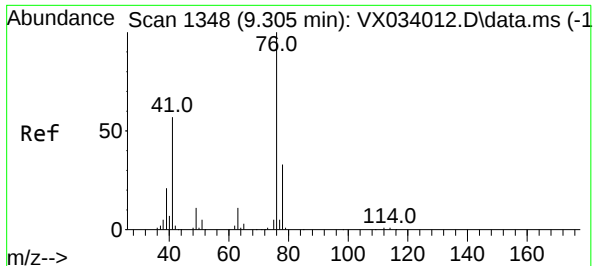
Supervised By :Semsettin Yesilyurt 02/10/2023



#56
Ethyl methacrylate
Concen: 47.588 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

Tgt Ion: 69 Resp: 90960
Ion Ratio Lower Upper
69 100
41 64.5 55.1 82.7
39 34.1 28.5 42.7





#57

1,3-Dichloropropane

Concen: 45.551 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 10183

Ion Ratio Lower Upper

76 100

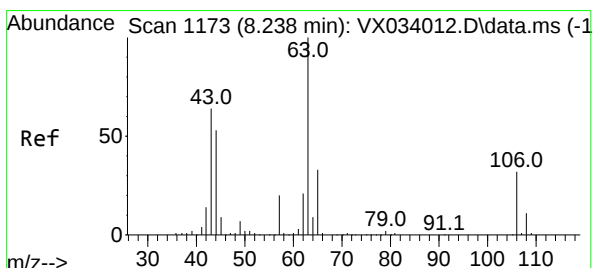
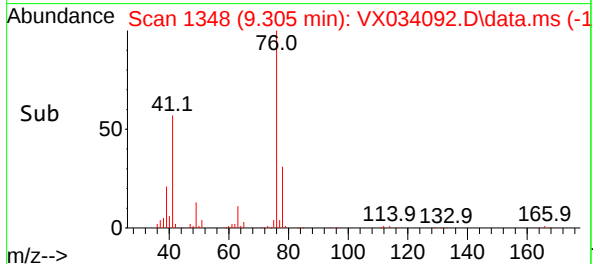
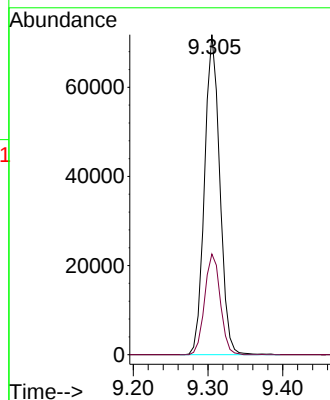
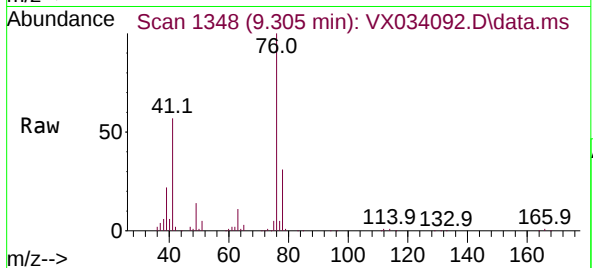
78 32.1 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#58

2-Chloroethyl Vinyl ether

Concen: 227.924 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX034092.D

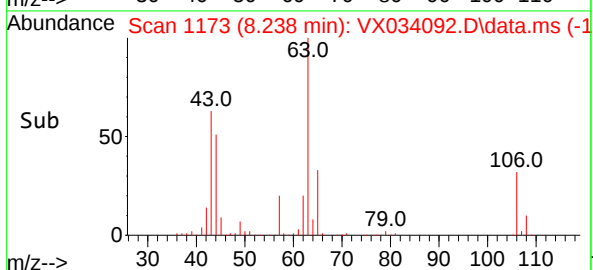
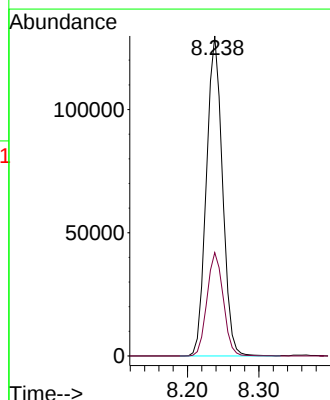
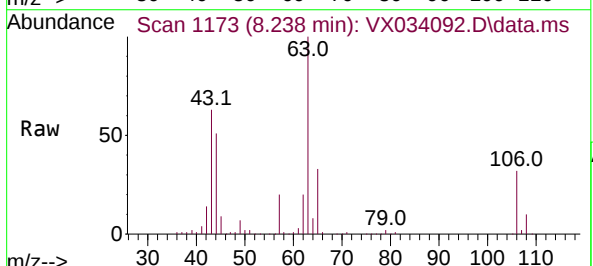
Acq: 09 Feb 2023 09:36

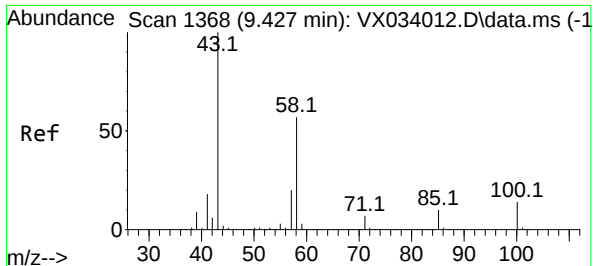
Tgt Ion: 63 Resp: 202695

Ion Ratio Lower Upper

63 100

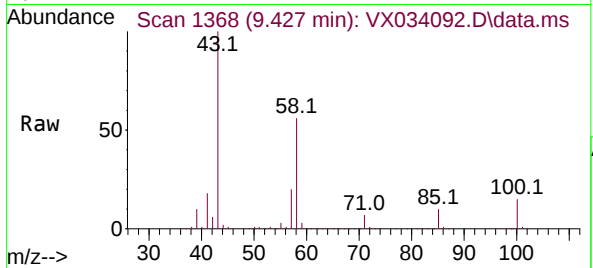
106 32.6 24.5 36.7





#59
2-Hexanone
Concen: 232.487 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

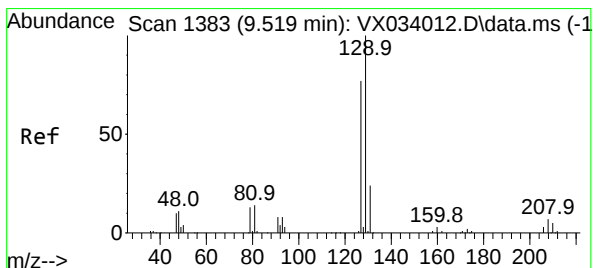
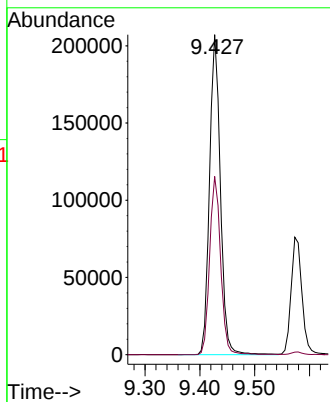
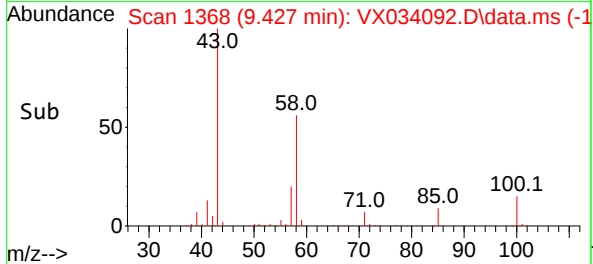
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 28328
Ion Ratio Lower Upper
43 100
58 56.5 27.4 82.0

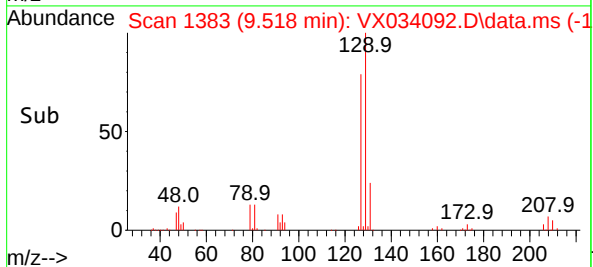
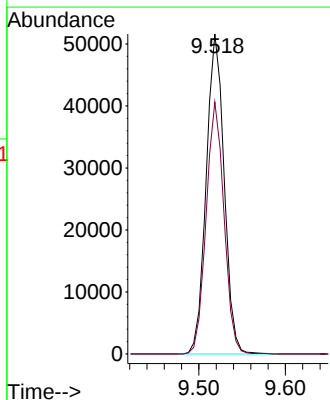
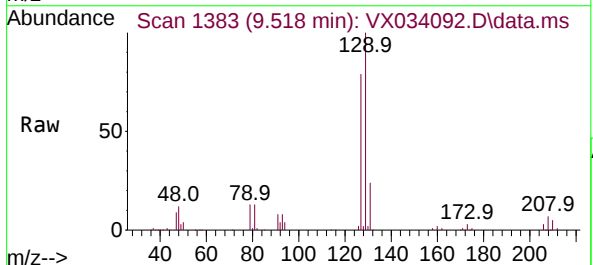
Manual Integrations
APPROVED

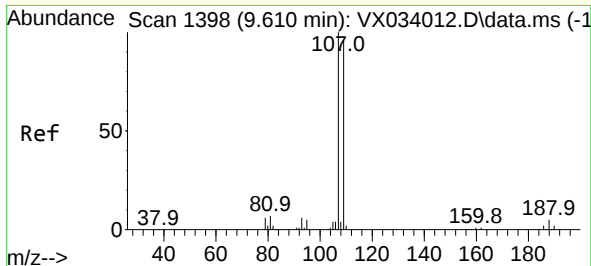
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#60
Dibromochloromethane
Concen: 48.931 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

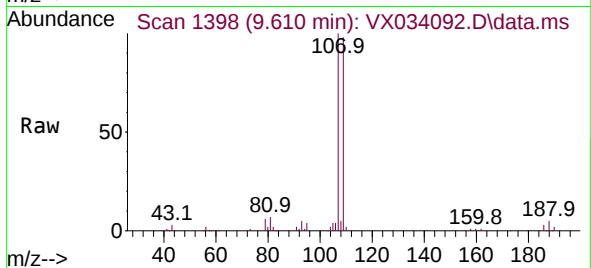
Tgt Ion:129 Resp: 74215
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.3





#61
1,2-Dibromoethane
Concen: 46.061 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

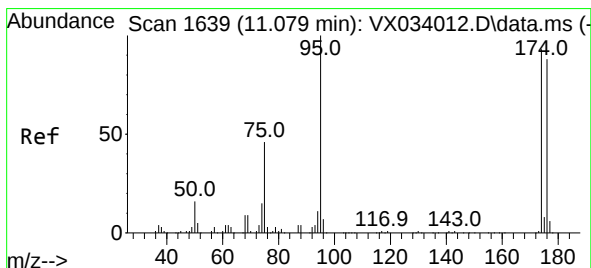
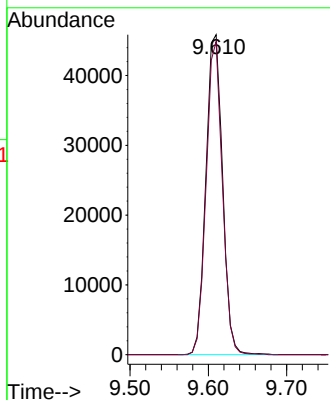
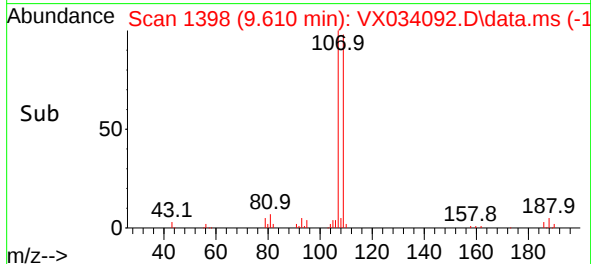
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



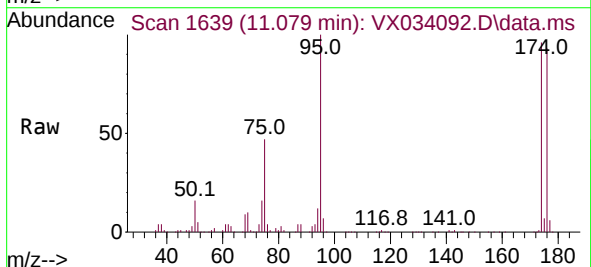
Tgt Ion:107 Resp: 6778
Ion Ratio Lower Upper
107 100
109 94.8 74.2 111.2

Manual Integrations
APPROVED

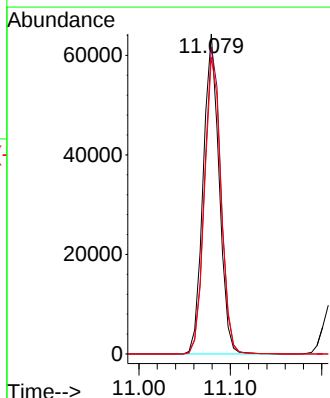
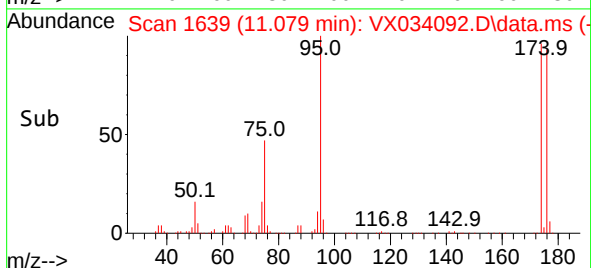
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

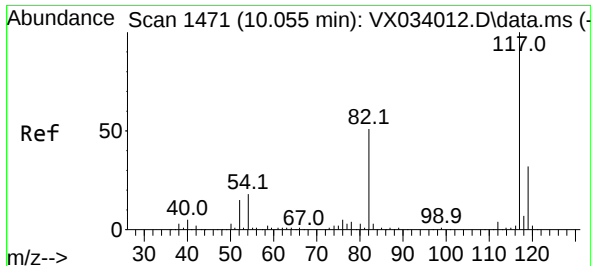


#62
4-Bromofluorobenzene
Concen: 45.233 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36



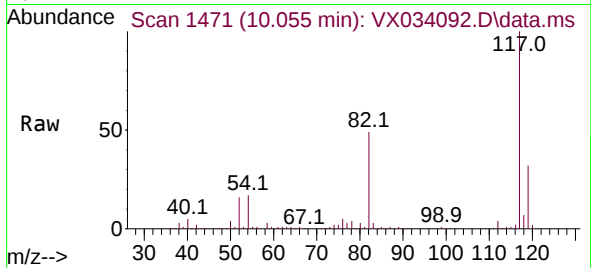
Tgt Ion: 95 Resp: 77570
Ion Ratio Lower Upper
95 100
174 98.9 0.0 184.4
176 95.8 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

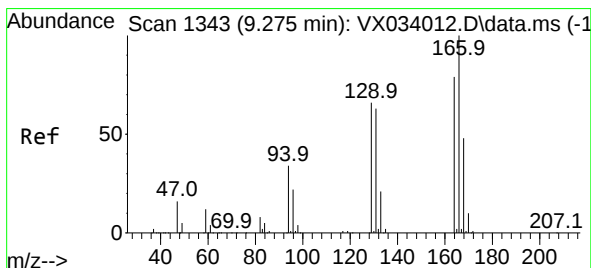
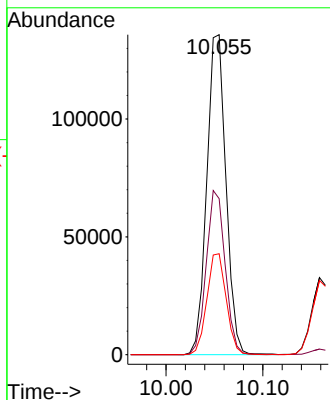
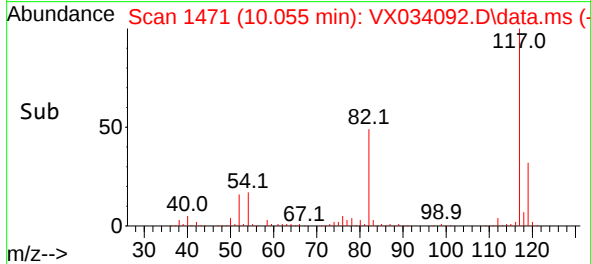
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 187162
Ion Ratio Lower Upper
117 100
82 48.7 40.6 60.8
119 31.5 25.6 38.4

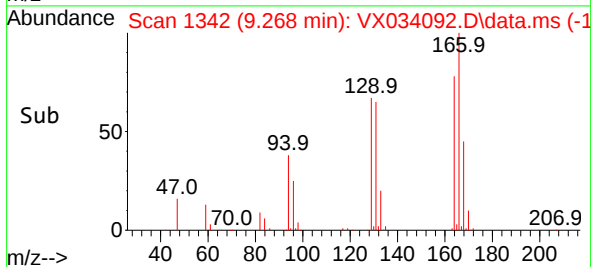
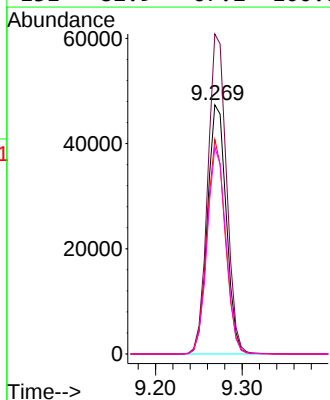
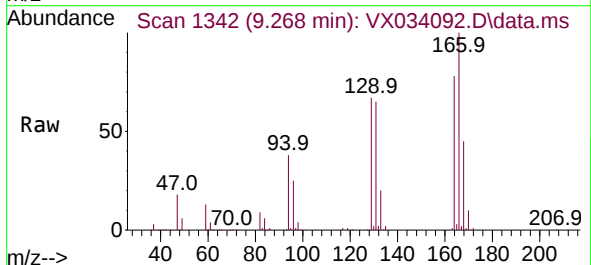
Manual Integrations
APPROVED

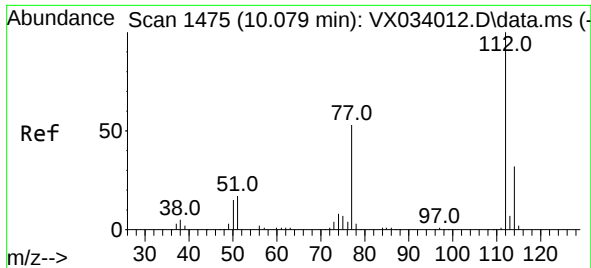
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#64
Tetrachloroethene
Concen: 45.563 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

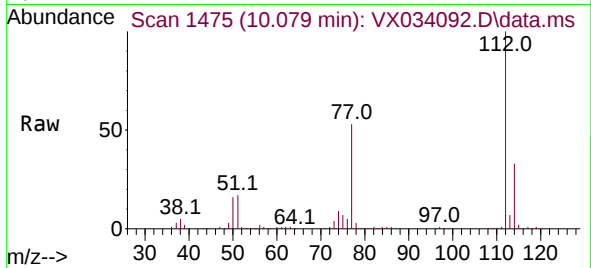
Tgt Ion:164 Resp: 71206
Ion Ratio Lower Upper
164 100
166 128.5 100.2 150.2
129 86.1 69.2 103.8
131 82.9 67.2 100.8





#65
Chlorobenzene
Concen: 45.450 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

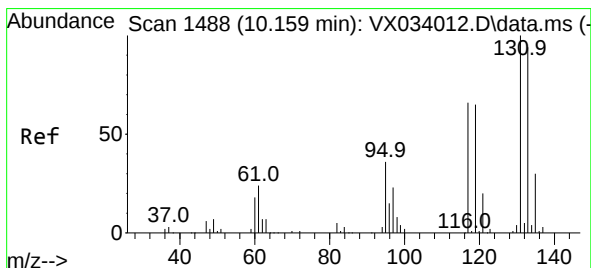
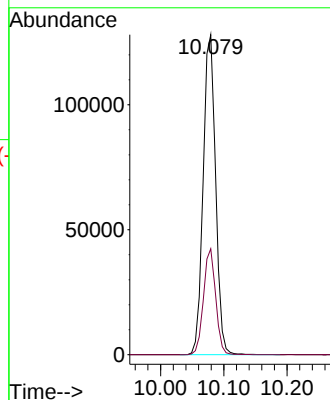
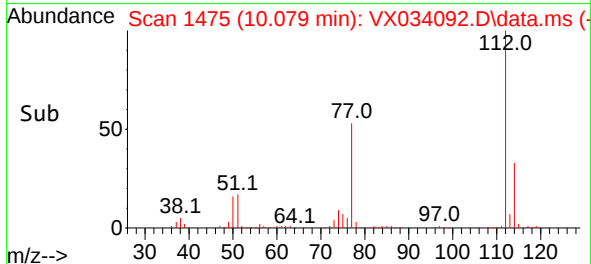
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



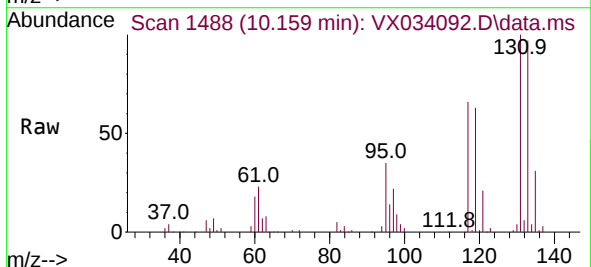
Tgt Ion:112 Resp: 175684
Ion Ratio Lower Upper
112 100
114 33.1 26.2 39.4

Manual Integrations
APPROVED

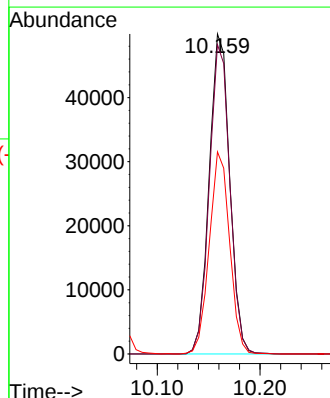
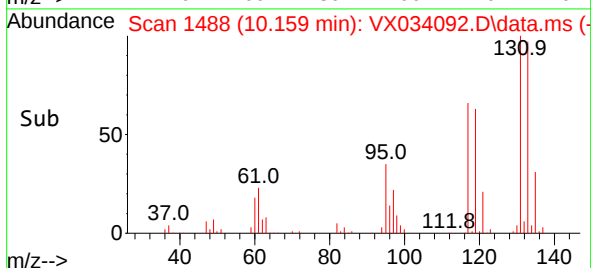
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

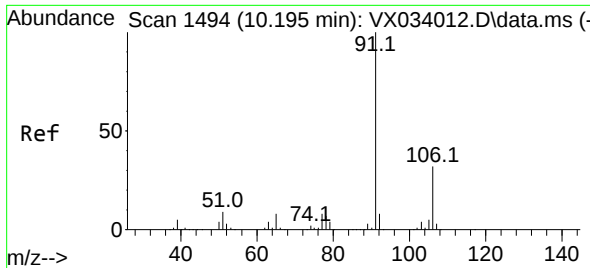


#66
1,1,1,2-Tetrachloroethane
Concen: 47.408 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36



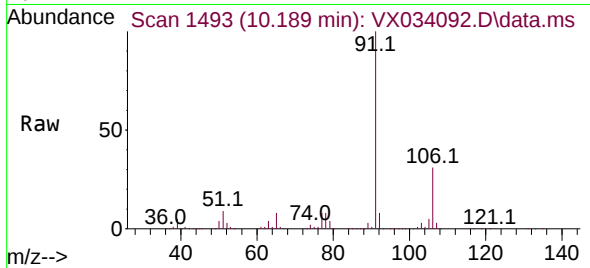
Tgt Ion:131 Resp: 69249
Ion Ratio Lower Upper
131 100
133 96.6 48.4 145.0
119 62.5 31.9 95.7





#67
Ethyl Benzene
Concen: 46.216 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

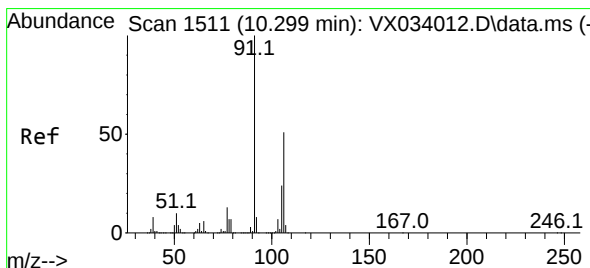
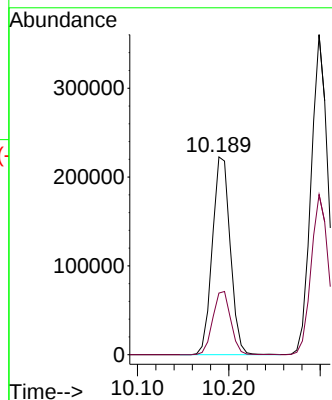
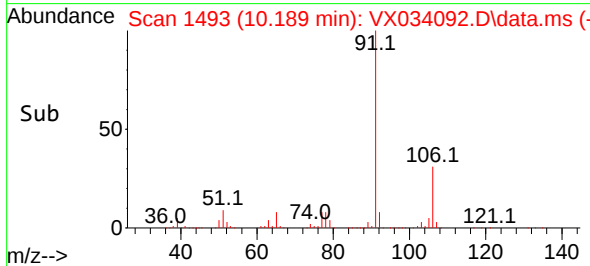
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



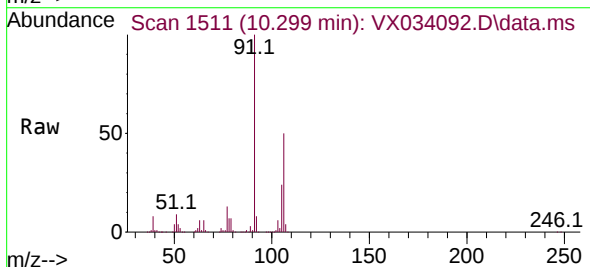
Tgt Ion: 91 Resp: 302368
Ion Ratio Lower Upper
91 100
106 31.2 25.8 38.8

Manual Integrations
APPROVED

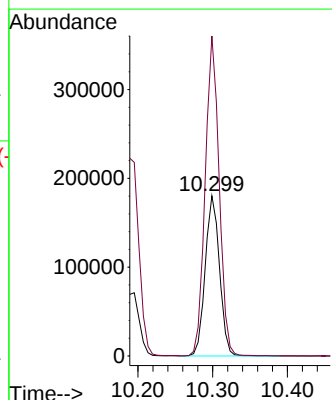
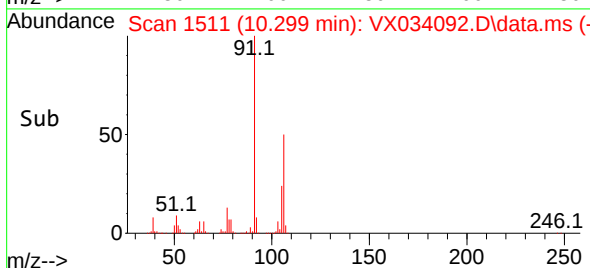
Reviewed By :John Carbone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

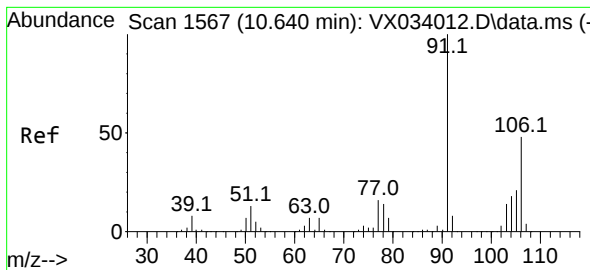


#68
m/p-Xylenes
Concen: 91.438 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36



Tgt Ion:106 Resp: 239129
Ion Ratio Lower Upper
106 100
91 195.2 156.4 234.6





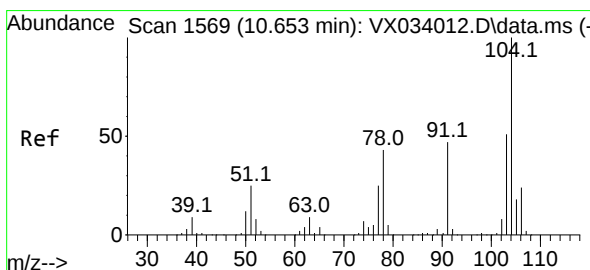
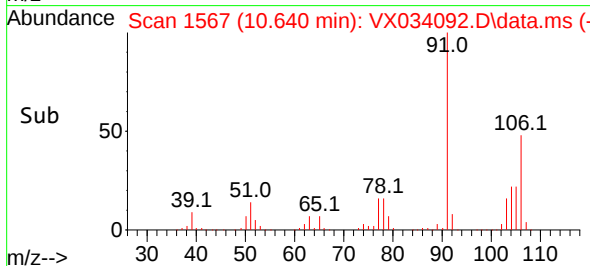
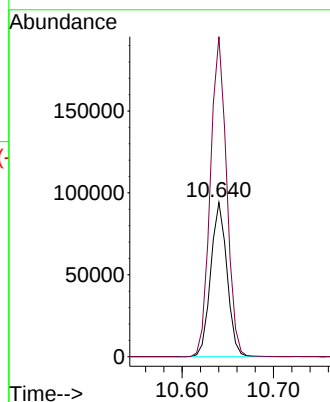
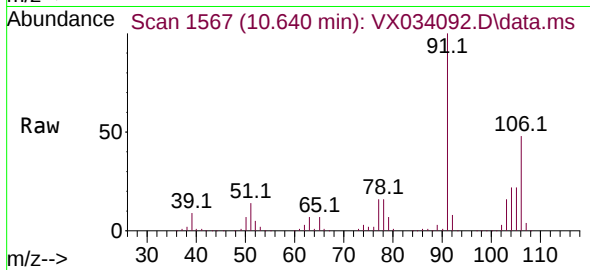
#69
o-Xylene
Concen: 46.254 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 116174
Ion Ratio Lower Upper
106 100
91 207.9 103.1 309.3

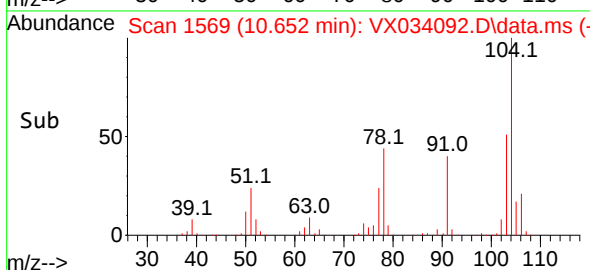
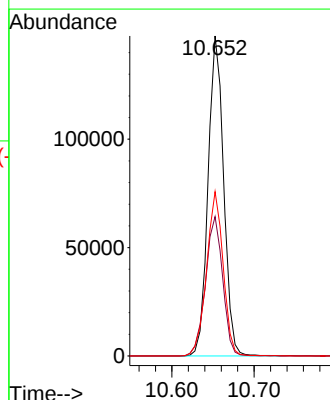
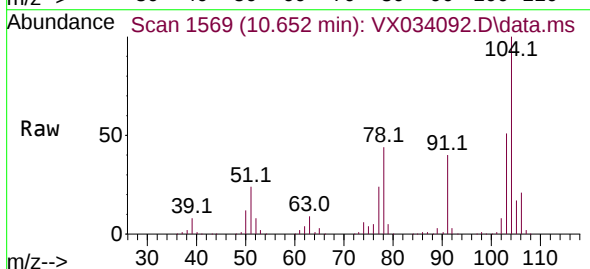
Manual Integrations
APPROVED

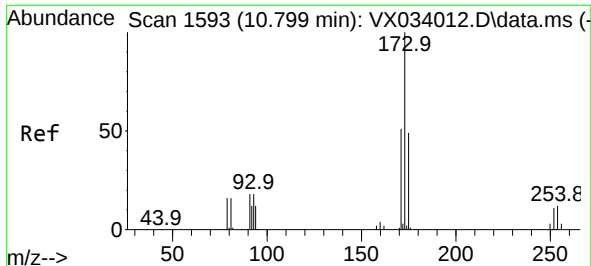
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#70
Styrene
Concen: 47.017 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

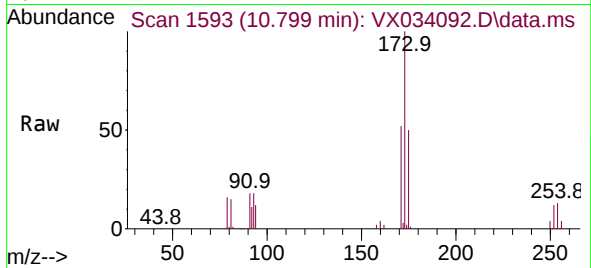
Tgt Ion:104 Resp: 194495
Ion Ratio Lower Upper
104 100
78 48.0 37.5 56.3
103 54.8 43.3 64.9





#71
Bromoform
Concen: 49.928 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

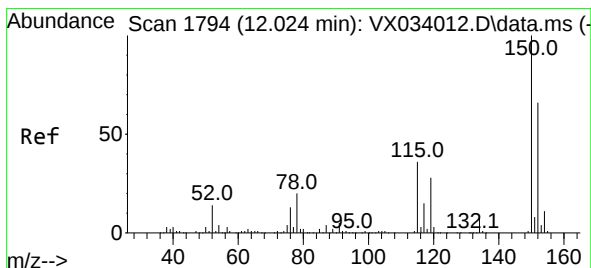
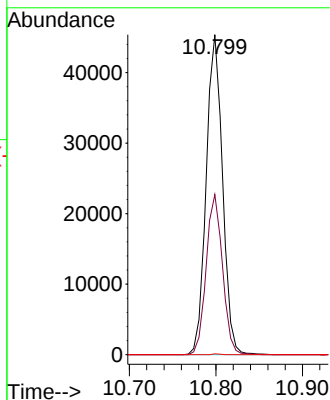
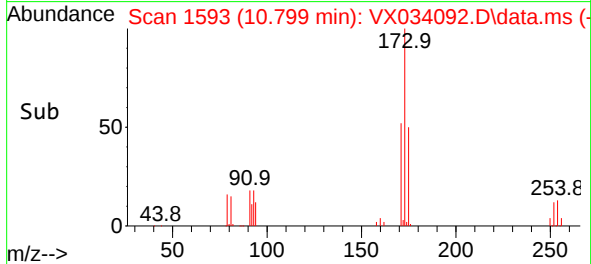
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 5948
Ion Ratio Lower Upper
173 100
175 50.0 24.1 72.3
254 0.1 0.1 0.1

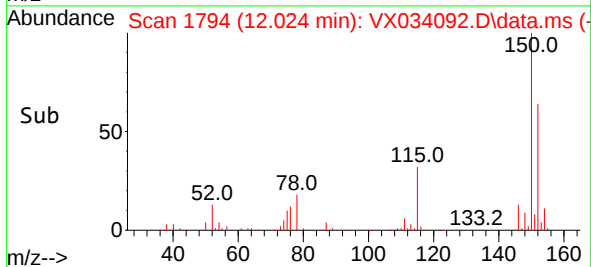
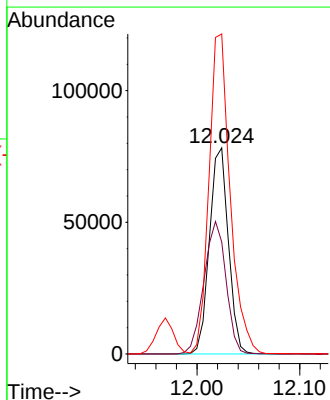
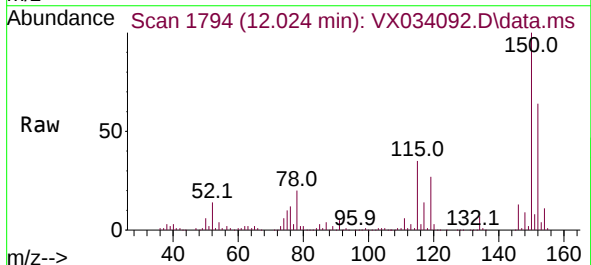
Manual Integrations
APPROVED

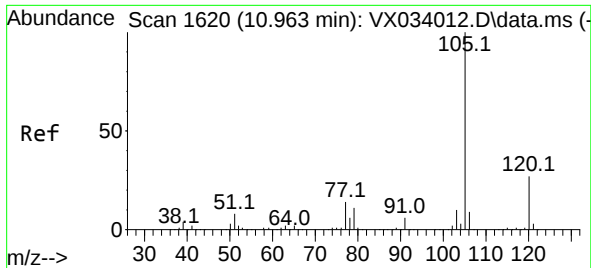
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

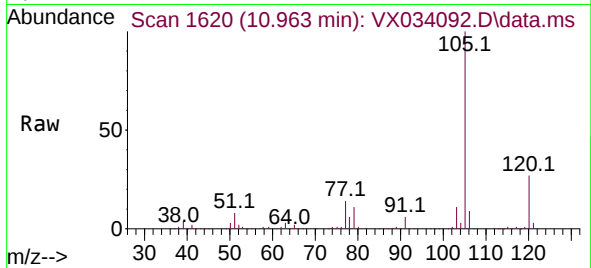
Tgt Ion:152 Resp: 100354
Ion Ratio Lower Upper
152 100
115 74.8 38.7 116.1
150 173.9 0.0 348.2





#73
Isopropylbenzene
Concen: 46.307 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

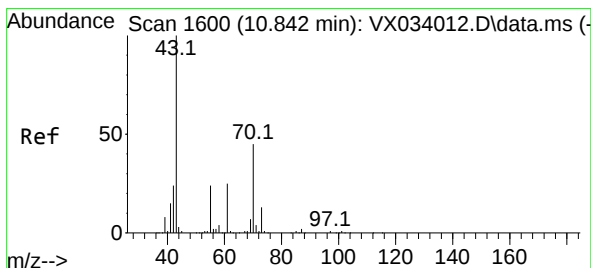
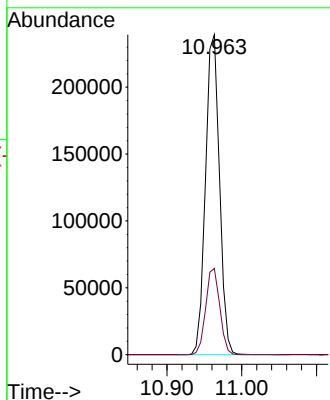
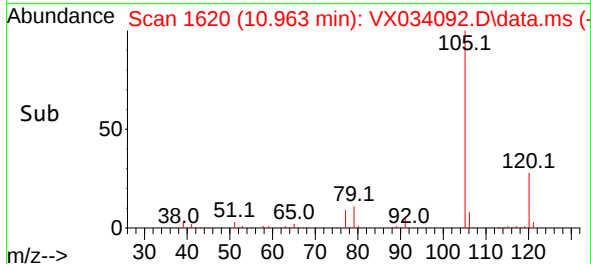
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



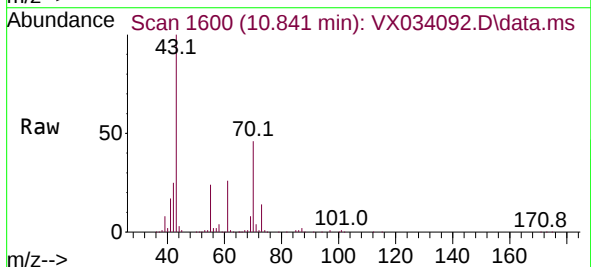
Tgt Ion:105 Resp: 31057
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.8

Manual Integrations
APPROVED

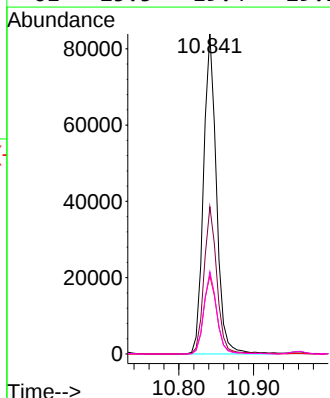
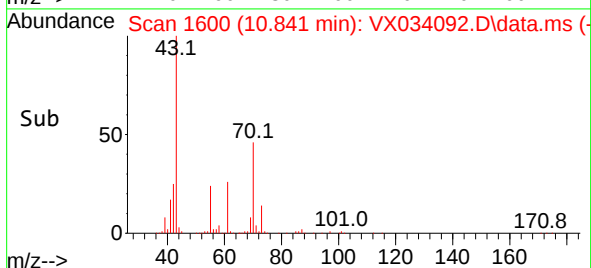
Reviewed By :John Carbone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

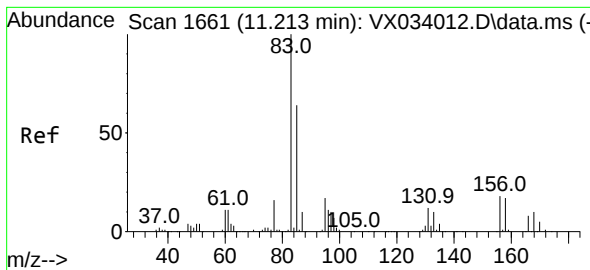


#74
N-ethyl acetate
Concen: 45.712 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36



Tgt Ion: 43 Resp: 101001
Ion Ratio Lower Upper
43 100
70 45.6 34.8 52.2
55 25.2 19.4 29.0
61 25.5 19.4 29.2





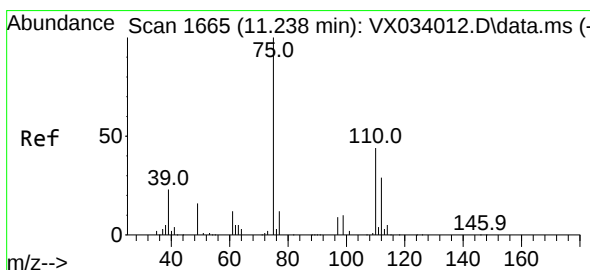
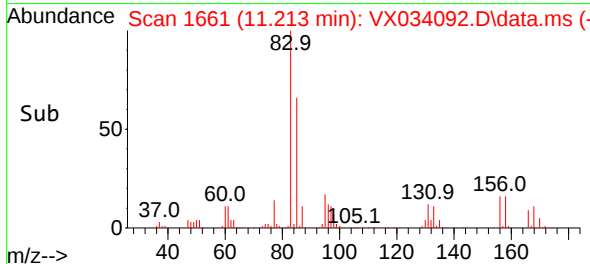
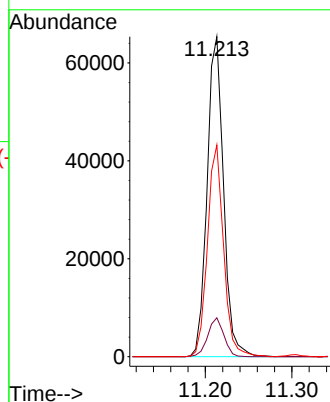
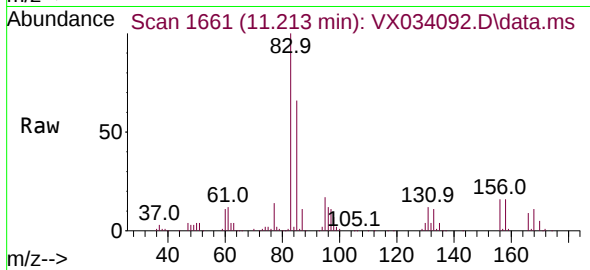
#75
1,1,2,2-Tetrachloroethane
Concen: 42.658 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 86085
Ion Ratio Lower Upper
83 100
131 11.9 5.5 16.7
85 65.0 32.3 96.9

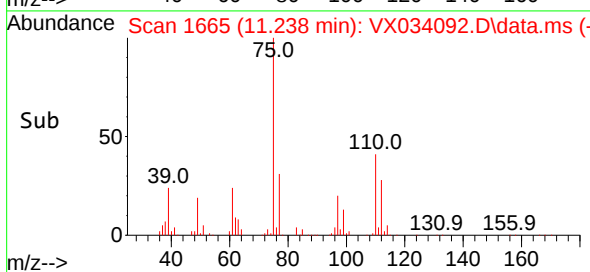
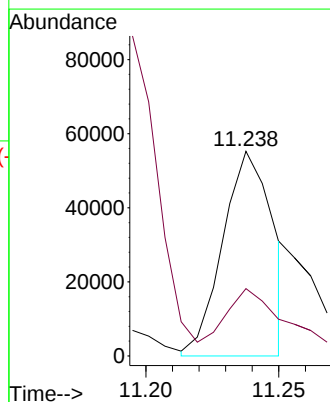
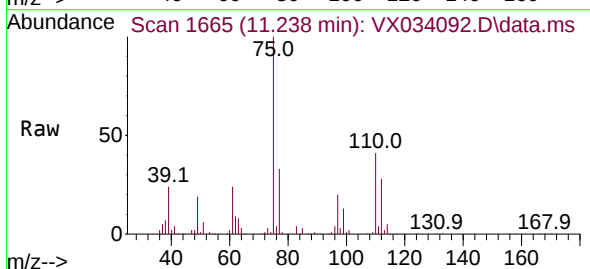
Manual Integrations
APPROVED

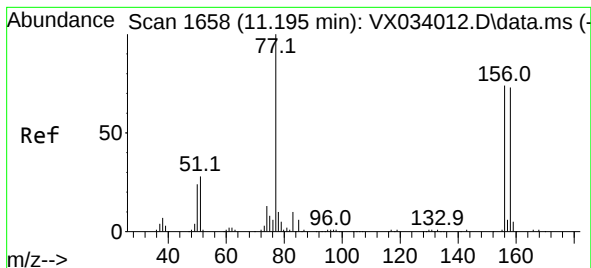
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#76
1,2,3-Trichloropropane
Concen: 41.950 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

Tgt Ion: 75 Resp: 72286
Ion Ratio Lower Upper
75 100
77 41.8 21.8 65.4





#77

Bromobenzene

Concen: 45.669 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

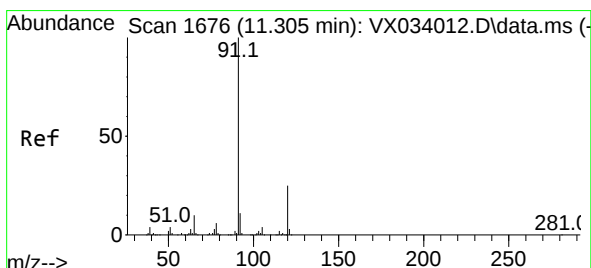
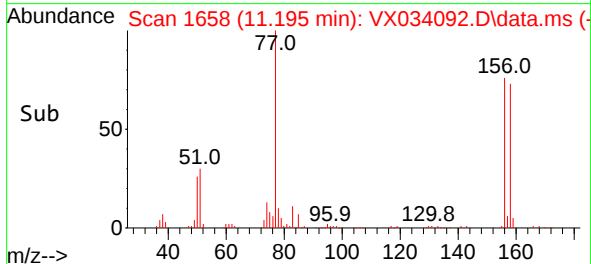
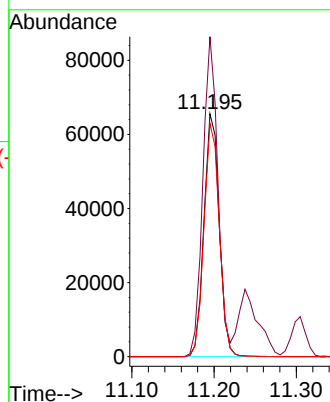
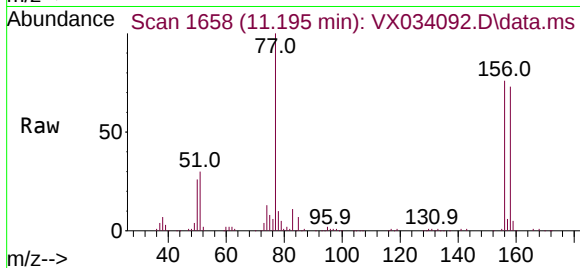
Tgt Ion:	156	Resp:	84934
Ion Ratio	Lower	Upper	
156	100		
77	128.5	68.1	204.3
158	96.1	48.0	144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#78

n-propylbenzene

Concen: 46.309 ug/l

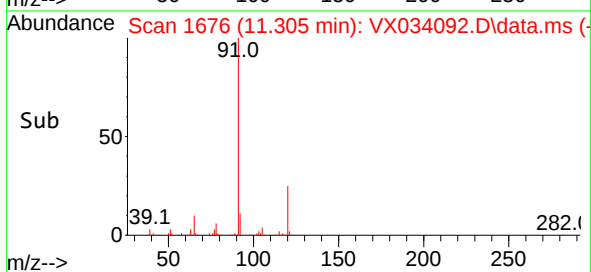
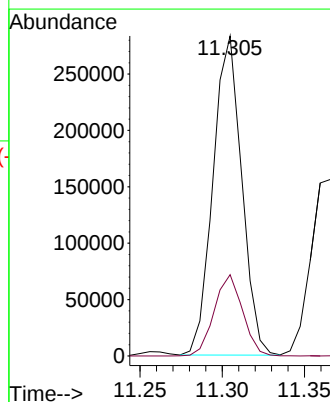
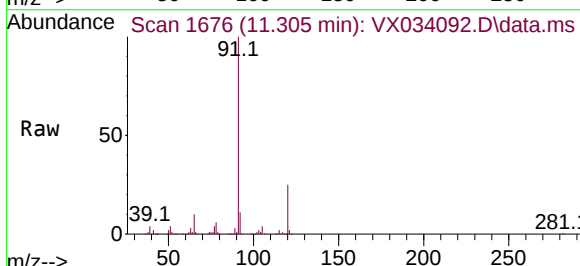
RT: 11.305 min Scan# 1676

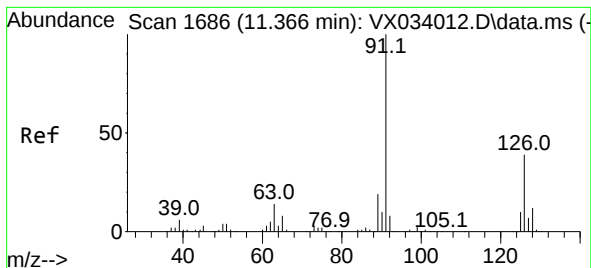
Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Tgt Ion:	91	Resp:	343413
Ion Ratio	Lower	Upper	
91	100		
120	25.2	12.3	36.8





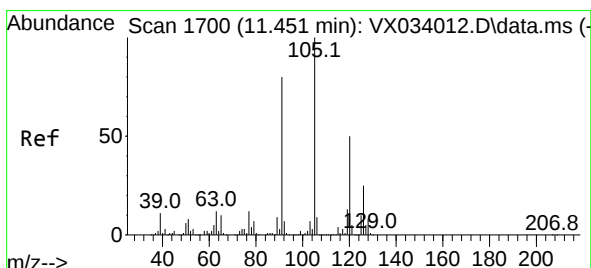
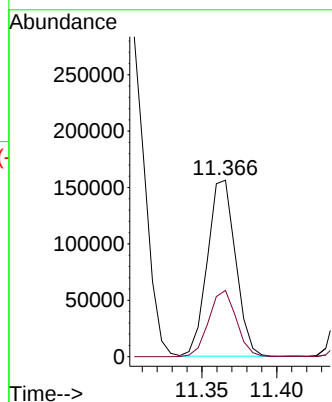
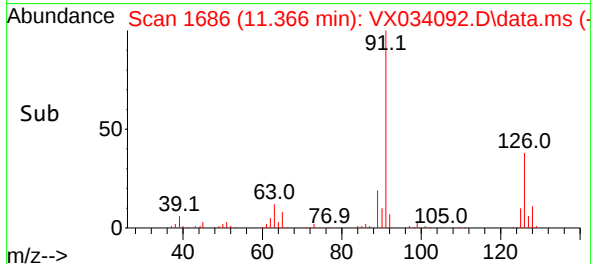
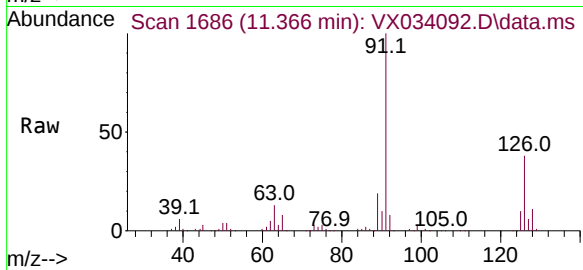
#79
2-Chlorotoluene
Concen: 45.551 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 204532
Ion Ratio Lower Upper
91 100
126 36.7 18.1 54.1

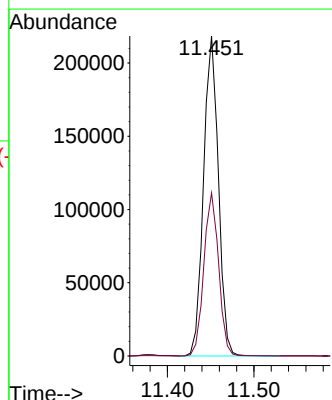
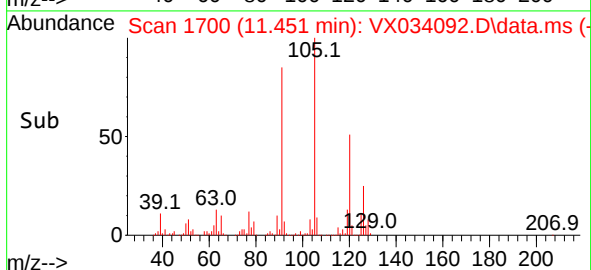
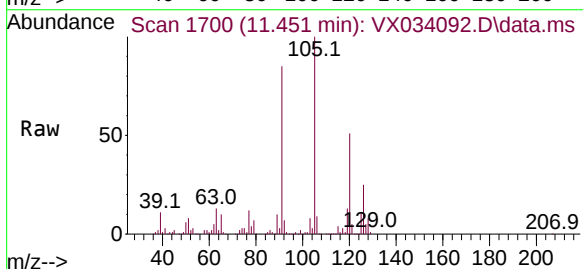
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.539 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

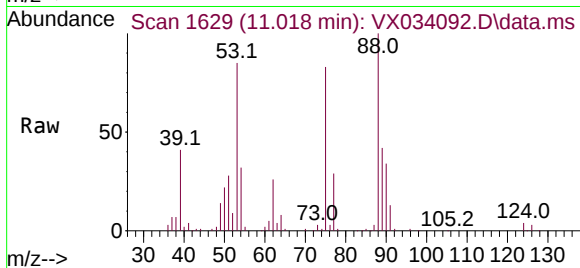
Tgt Ion:105 Resp: 259811
Ion Ratio Lower Upper
105 100
120 50.8 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 46.324 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

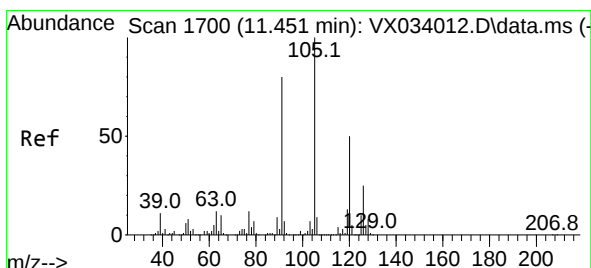
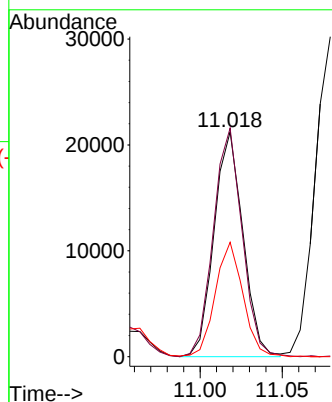
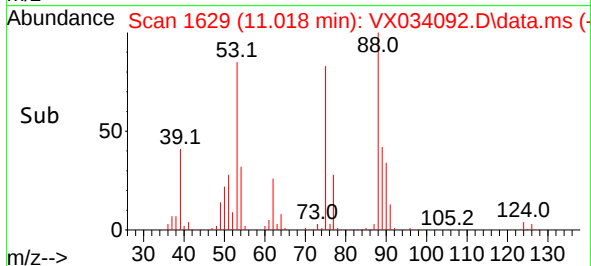
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 25920
Ion Ratio Lower Upper
75 100
53 101.2 83.0 124.6
89 48.8 37.7 56.5

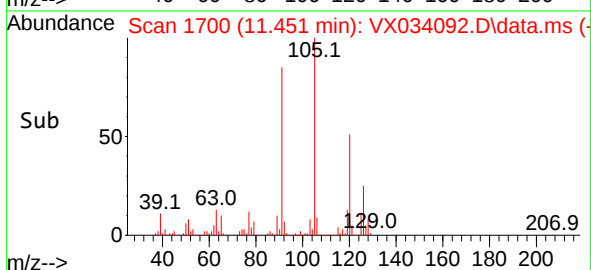
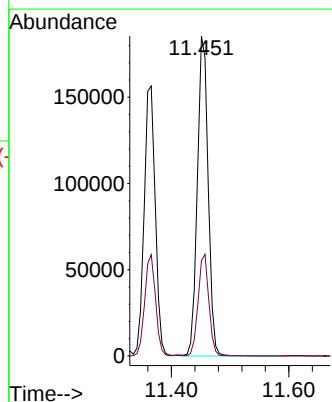
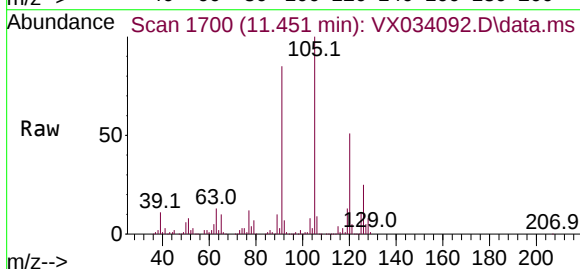
Manual Integrations
APPROVED

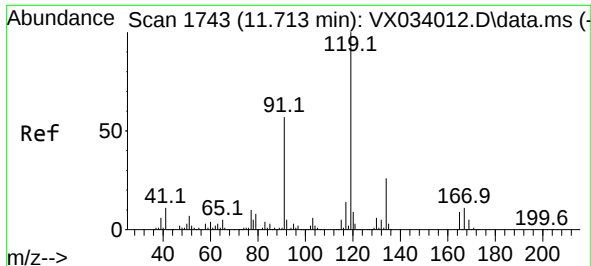
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#82
4-Chlorotoluene
Concen: 46.684 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

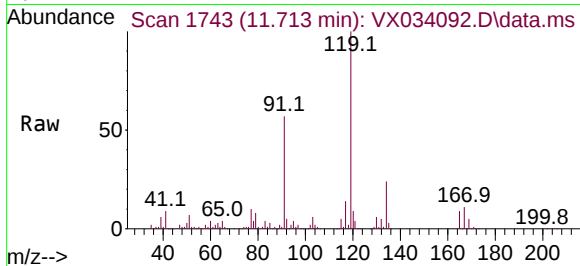
Tgt Ion: 91 Resp: 237084
Ion Ratio Lower Upper
91 100
126 31.5 15.8 47.4





#83
tert-Butylbenzene
Concen: 46.239 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

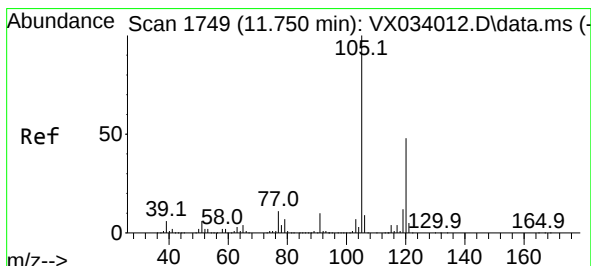
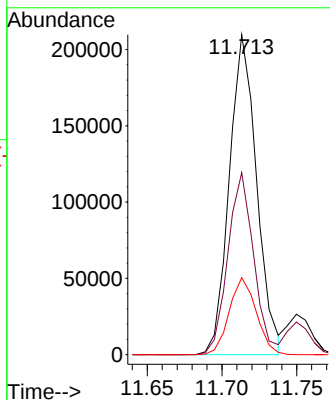
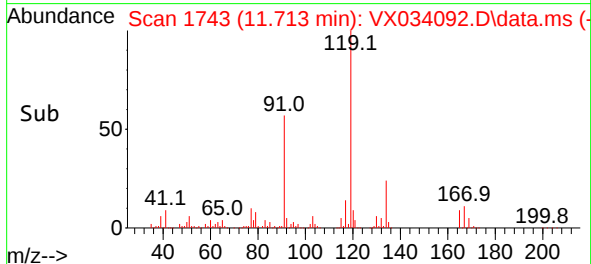
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 266680
Ion Ratio Lower Upper
119 100
91 54.0 26.9 80.7
134 23.8 12.3 36.8

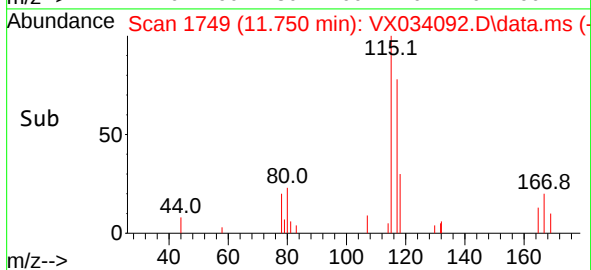
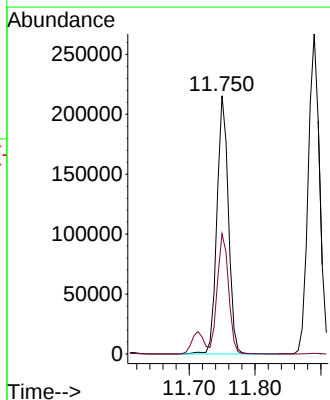
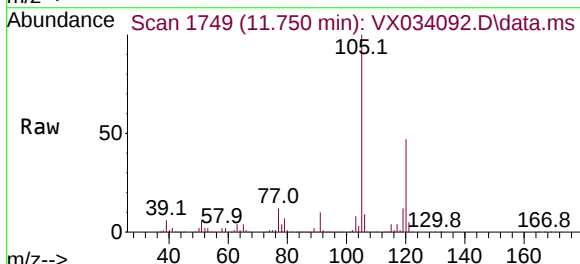
Manual Integrations
APPROVED

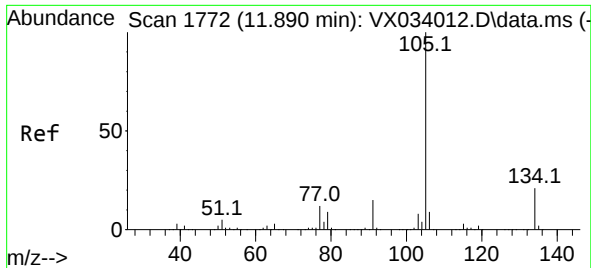
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023



#84
1,2,4-Trimethylbenzene
Concen: 46.644 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

Tgt Ion:105 Resp: 260145
Ion Ratio Lower Upper
105 100
120 45.9 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 46.655 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX034092.D
 Acq: 09 Feb 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

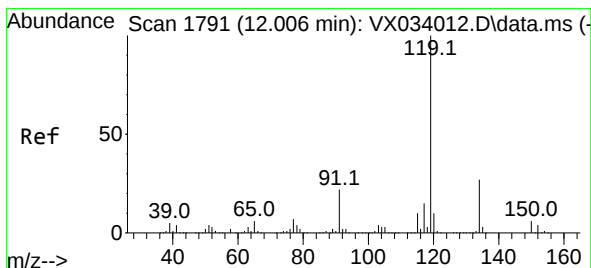
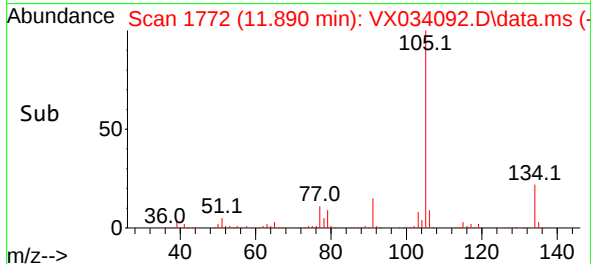
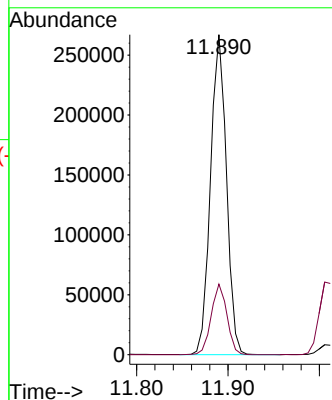
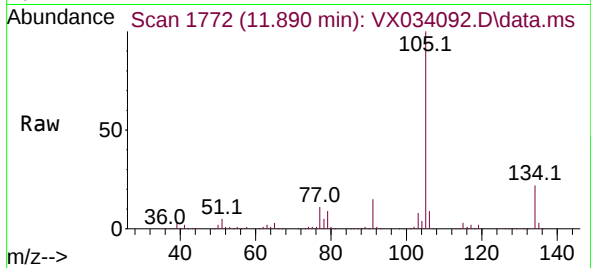
VSTDCCC050

Tgt Ion:105 Resp: 32195
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.8 32.3

Manual Integrations

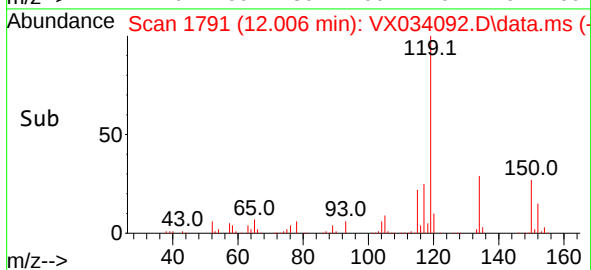
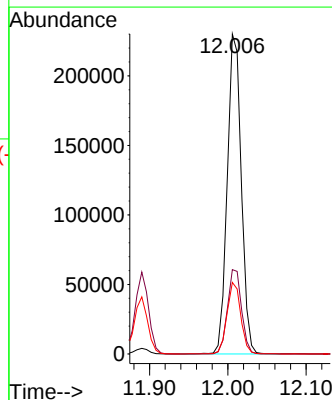
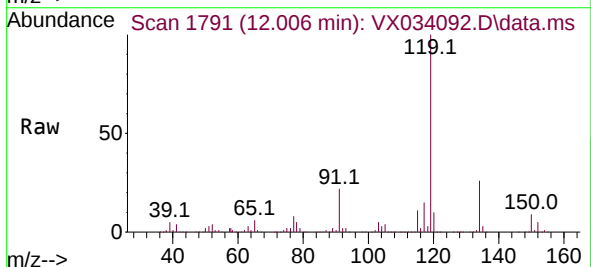
APPROVED

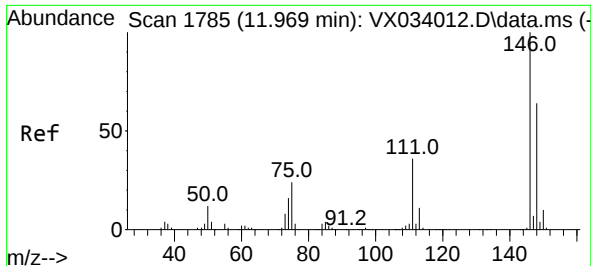
Reviewed By :John Carlone 02/09/2023
 Supervised By :Semsettin Yesilyurt 02/10/2023



#86
 p-Isopropyltoluene
 Concen: 47.378 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX034092.D
 Acq: 09 Feb 2023 09:36

Tgt Ion:119 Resp: 286746
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.6 40.8
 91 22.0 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 45.417 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 154988

Ion Ratio Lower Upper

146 100

111 37.5 18.6 55.6

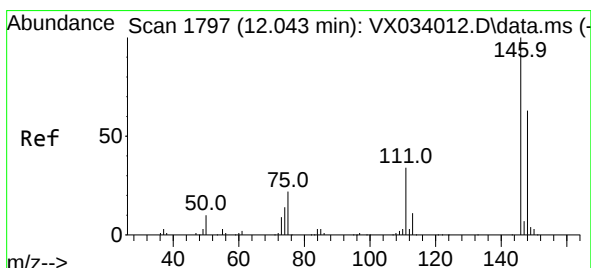
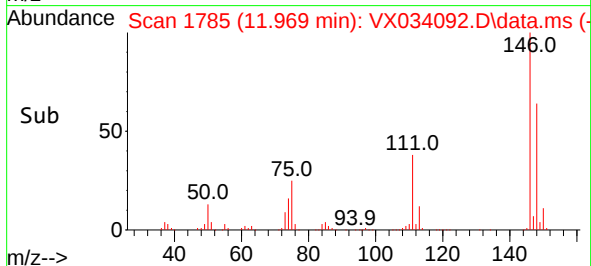
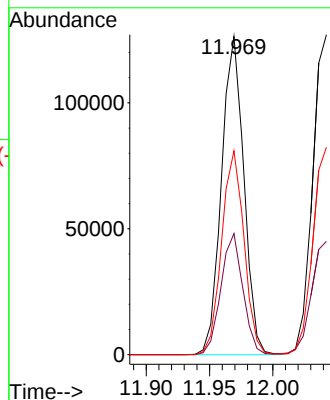
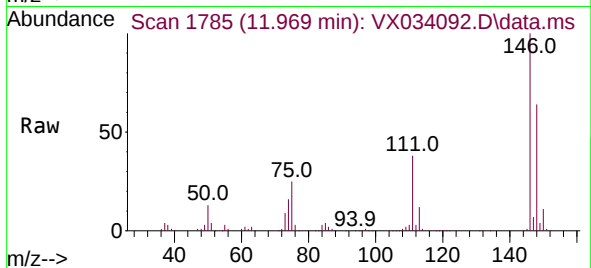
148 64.2 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#88

1,4-Dichlorobenzene

Concen: 45.360 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

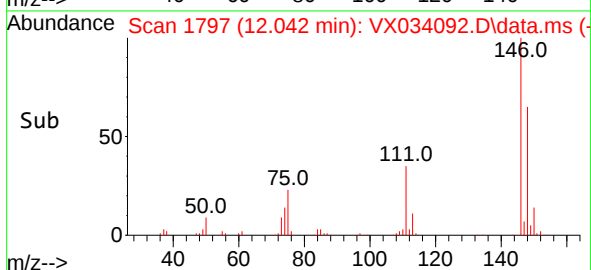
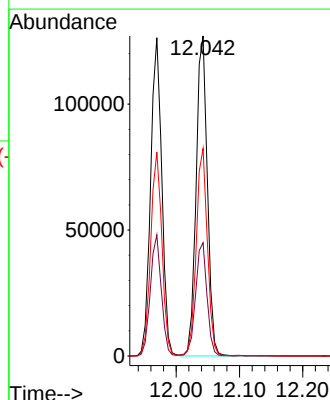
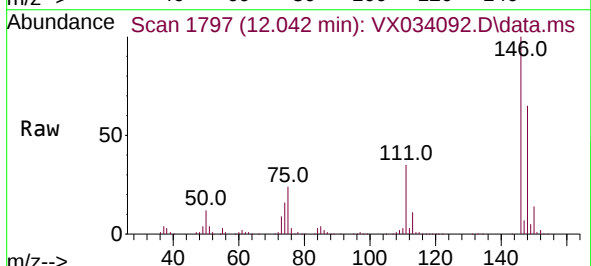
Tgt Ion:146 Resp: 157158

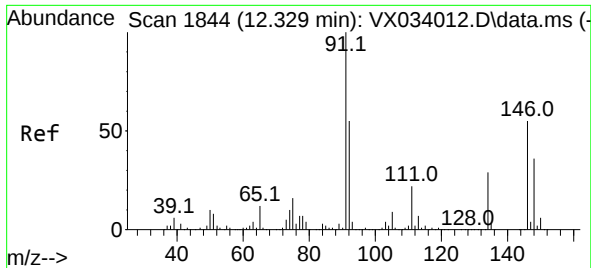
Ion Ratio Lower Upper

146 100

111 36.2 17.8 53.4

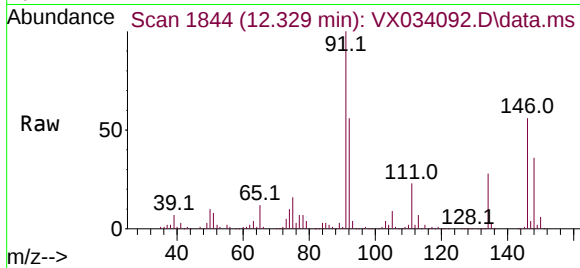
148 64.4 32.1 96.3





#89
n-Butylbenzene
Concen: 48.528 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36

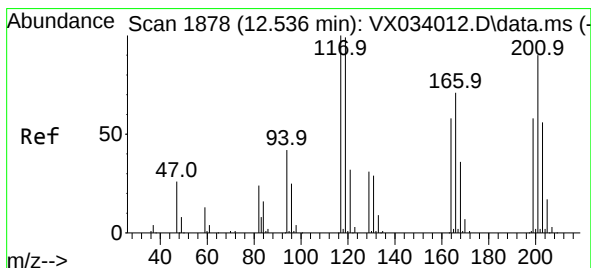
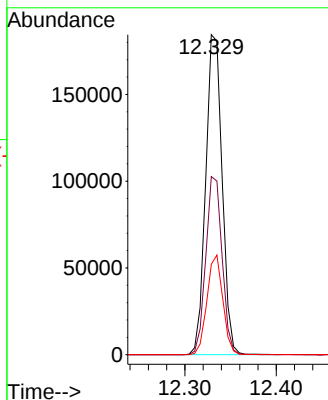
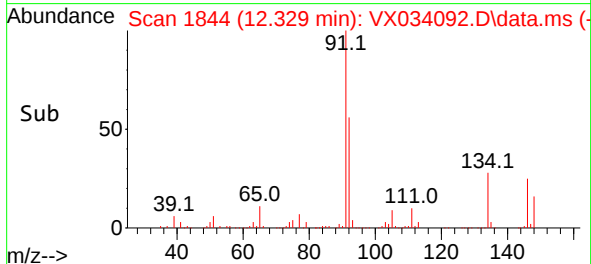
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



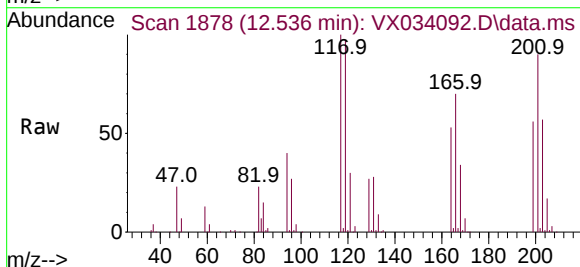
Tgt Ion: 91 Resp: 230274
Ion Ratio Lower Upper
91 100
92 55.3 27.5 82.5
134 30.0 14.3 42.9

Manual Integrations
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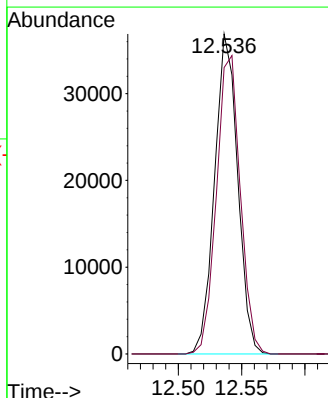
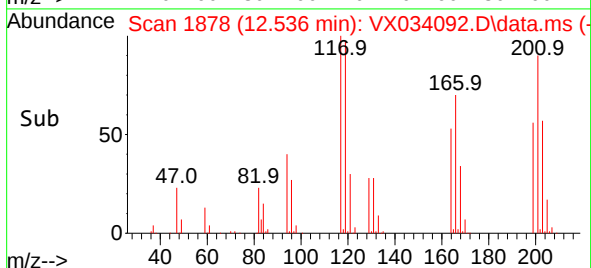
Reviewed By :John Carlone 02/09/2023
Supervised By :Semsettin Yesilyurt 02/10/2023

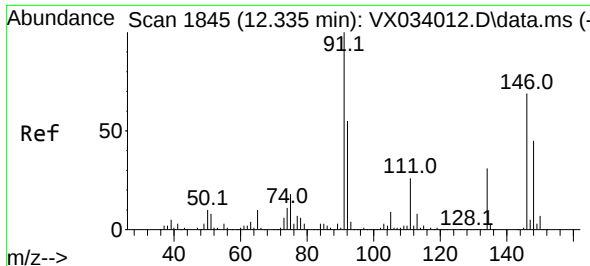


#90
Hexachloroethane
Concen: 49.045 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX034092.D
Acq: 09 Feb 2023 09:36



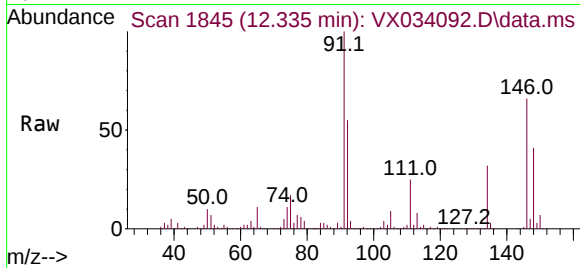
Tgt Ion:117 Resp: 46730
Ion Ratio Lower Upper
117 100
201 96.3 45.1 135.3





#91
 1,2-Dichlorobenzene
 Concen: 45.174 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX034092.D
 Acq: 09 Feb 2023 09:36

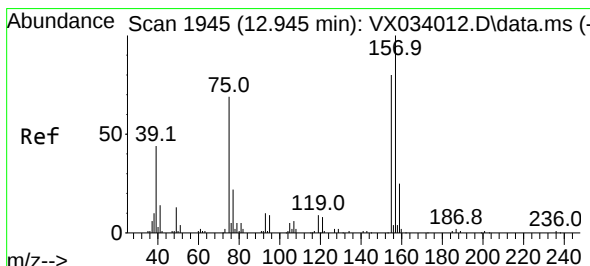
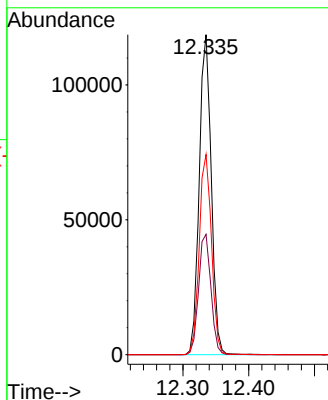
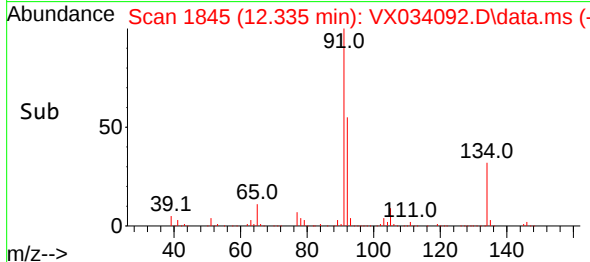
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



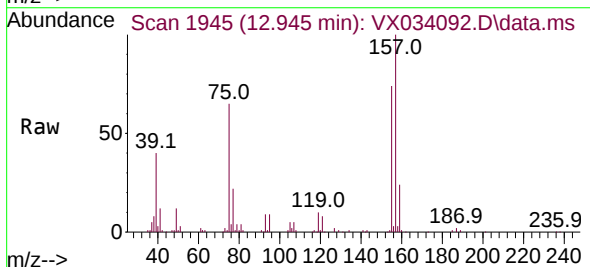
Tgt Ion:146 Resp: 150349
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.3 57.8
 148 63.8 32.3 96.9

Manual Integrations
 APPROVED

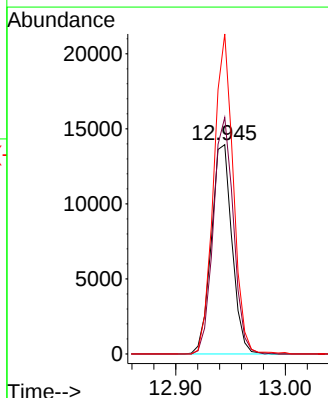
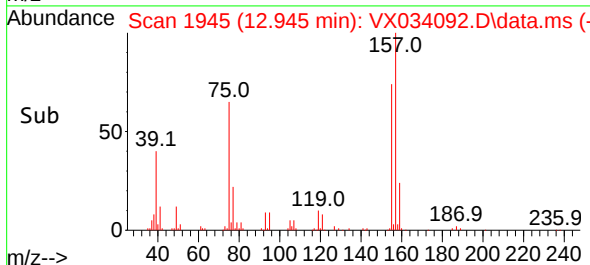
Reviewed By :John Carlone 02/09/2023
 Supervised By :Semsettin Yesilyurt 02/10/2023

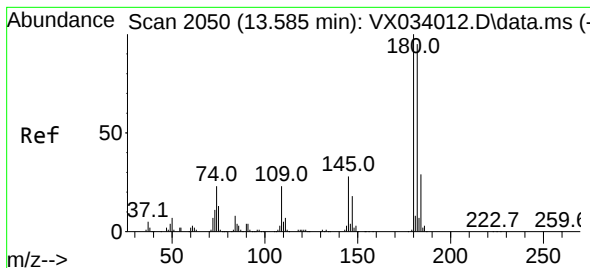


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.200 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. -0.000 min
 Lab File: VX034092.D
 Acq: 09 Feb 2023 09:36



Tgt Ion: 75 Resp: 18333
 Ion Ratio Lower Upper
 75 100
 155 109.7 51.7 155.1
 157 144.3 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 47.862 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

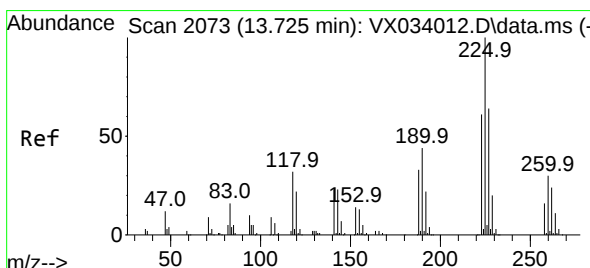
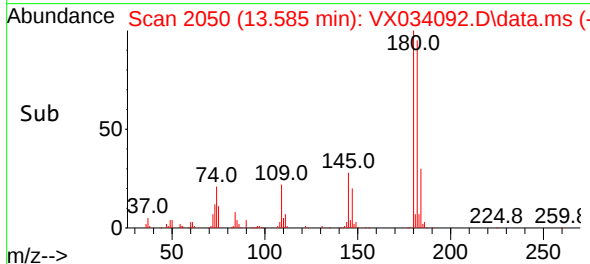
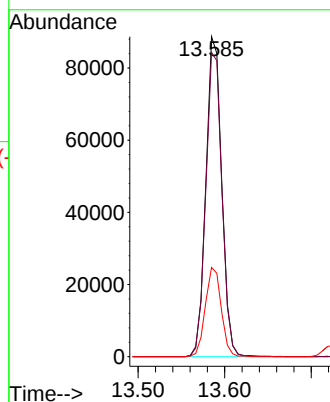
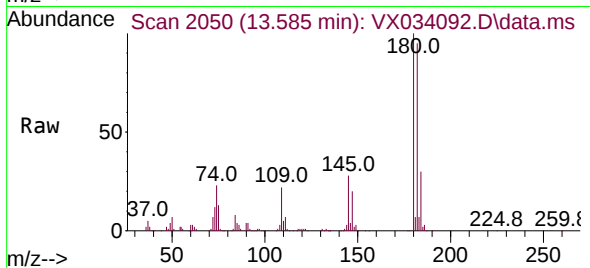
Tgt Ion:180	Resp: 112550
Ion Ratio	Lower Upper
180 100	
182 96.8	47.9 143.6
145 28.1	14.1 42.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#94

Hexachlorobutadiene

Concen: 47.480 ug/l

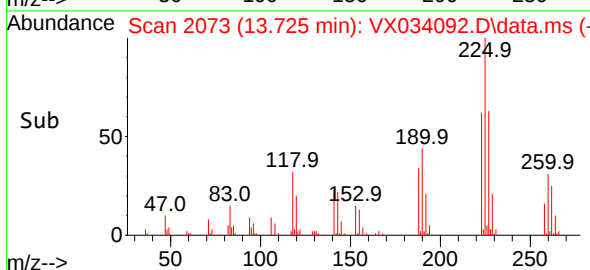
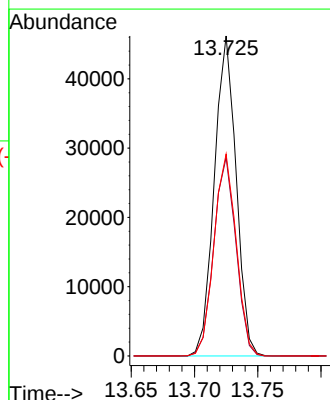
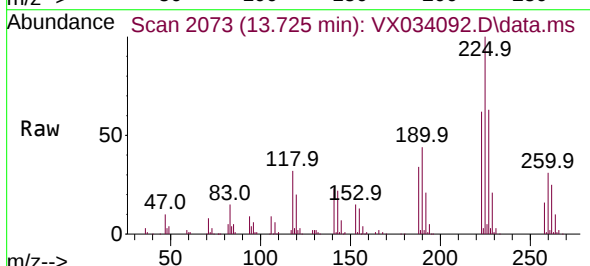
RT: 13.725 min Scan# 2073

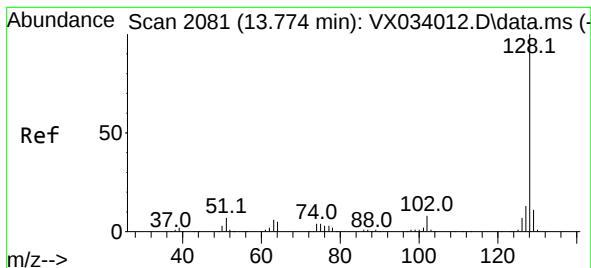
Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Tgt Ion:225	Resp: 55266
Ion Ratio	Lower Upper
225 100	
223 63.1	31.3 93.9
227 64.5	32.3 96.9





#95

Naphthalene

Concen: 46.510 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 300500

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

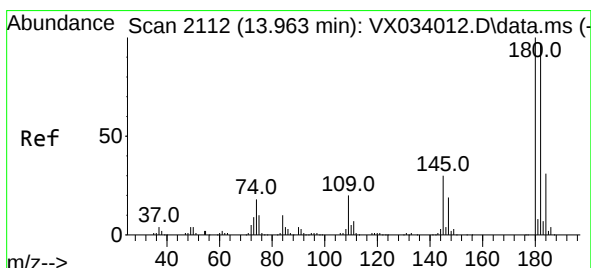
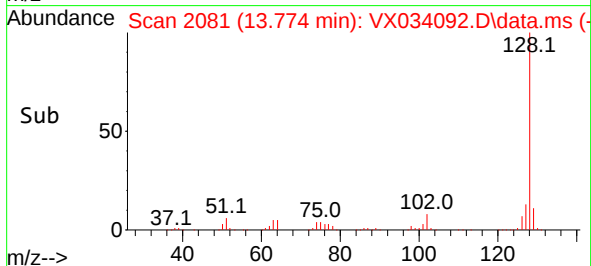
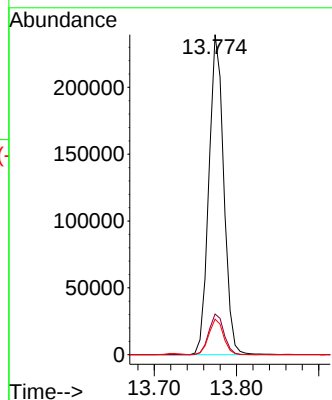
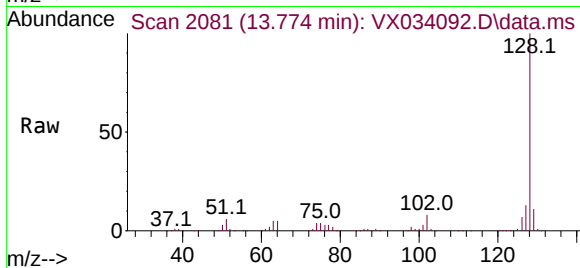
129 11.0 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/09/2023

Supervised By :Semsettin Yesilyurt 02/10/2023



#96

1,2,3-Trichlorobenzene

Concen: 46.664 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX034092.D

Acq: 09 Feb 2023 09:36

Tgt Ion:180 Resp: 110226

Ion Ratio Lower Upper

180 100

182 97.0 47.6 142.9

145 30.3 15.1 45.3

