

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020724\
 Data File : VX040146.D
 Acq On : 07 Feb 2024 11:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 07 15:22:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/07/2024
 Supervised By : Semsettin Yesilyurt 02/08/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	92854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147383	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66707	44.639	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.280%		
35) Dibromofluoromethane	5.379	113	50683	50.517	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.040%		
50) Toluene-d8	8.647	98	183426	48.887	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.780%		
62) 4-Bromofluorobenzene	11.079	95	79587	55.088	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.180%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	64451	61.626	ug/l	98
3) Chloromethane	1.294	50	54102	54.547	ug/l	99
4) Vinyl Chloride	1.374	62	44989	49.045	ug/l	100
5) Bromomethane	1.593	94	44946	50.403	ug/l	96
6) Chloroethane	1.679	64	26754	44.179	ug/l	95
7) Trichlorofluoromethane	1.886	101	54445	37.305	ug/l	97
8) Diethyl Ether	2.130	74	25828	50.056	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	50992	46.827	ug/l	99
10) Methyl Iodide	2.447	142	70252	60.604	ug/l	93
11) Tert butyl alcohol	2.959	59	77328	285.184	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	50491	48.346	ug/l	86
13) Acrolein	2.233	56	52917	203.693	ug/l	99
14) Allyl chloride	2.660	41	99790	53.009	ug/l	97
15) Acrylonitrile	3.056	53	192644	283.622	ug/l	99
16) Acetone	2.374	43	170269	243.178	ug/l	91
17) Carbon Disulfide	2.508	76	145386	47.613	ug/l	99
18) Methyl Acetate	2.697	43	78567	47.365	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	206044	57.594	ug/l	99
20) Methylene Chloride	2.788	84	65926	52.982	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	60767	52.834	ug/l	95
22) Diisopropyl ether	3.751	45	198672	54.483	ug/l	89
23) Vinyl Acetate	3.715	43	966576	296.183	ug/l	98
24) 1,1-Dichloroethane	3.605	63	107782	51.608	ug/l	97
25) 2-Butanone	4.550	43	247125	253.898	ug/l	96
26) 2,2-Dichloropropane	4.465	77	80043	49.119	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	66195	51.580	ug/l	96
28) Bromochloromethane	4.891	49	51868	53.260	ug/l	96
29) Tetrahydrofuran	4.995	42	165735	267.802	ug/l	96
30) Chloroform	5.086	83	114818	51.199	ug/l	100
31) Cyclohexane	5.471	56	80389	42.945	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	85841	44.602	ug/l	99
36) 1,1-Dichloropropene	5.690	75	77093	53.131	ug/l	97
37) Ethyl Acetate	4.708	43	98378	62.082	ug/l	99
38) Carbon Tetrachloride	5.672	117	74273	53.497	ug/l	98
39) Methylcyclohexane	7.379	83	80563	45.634	ug/l	94
40) Benzene	6.031	78	235606	55.750	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	52823	65.730	ug/l	94
42) 1,2-Dichloroethane	6.080	62	91323	56.135	ug/l	98
43) Isopropyl Acetate	6.336	43	154652	61.887	ug/l	99
44) Trichloroethene	7.123	130	53446	48.057	ug/l	97
45) 1,2-Dichloropropane	7.428	63	57887	51.878	ug/l	95
46) Dibromomethane	7.580	93	43258	51.649	ug/l	97
47) Bromodichloromethane	7.818	83	81305	54.506	ug/l	97
48) Methyl methacrylate	7.690	41	72740	59.090	ug/l	93
49) 1,4-Dioxane	7.659	88	30205	1129.144	ug/l #	91
51) 4-Methyl-2-Pentanone	8.568	43	505554	296.362	ug/l	99
52) Toluene	8.714	92	147088	55.840	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	89879	58.095	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	95456	57.823	ug/l	92
55) 1,1,2-Trichloroethane	9.147	97	60966	55.916	ug/l	96
56) Ethyl methacrylate	9.116	69	95996	60.293	ug/l	96
57) 1,3-Dichloropropane	9.305	76	104424	58.145	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	230192	287.509	ug/l	99
59) 2-Hexanone	9.427	43	413399	303.943	ug/l	99
60) Dibromochloromethane	9.519	129	68060	62.123	ug/l	99
61) 1,2-Dibromoethane	9.610	107	70884	60.134	ug/l	100
64) Tetrachloroethene	9.275	164	46828	45.615	ug/l	98
65) Chlorobenzene	10.079	112	155326	47.630	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	58996	53.569	ug/l	98
67) Ethyl Benzene	10.189	91	298242	50.972	ug/l	99
68) m/p-Xylenes	10.299	106	228656	103.876	ug/l	100
69) o-Xylene	10.640	106	107133	51.309	ug/l	98
70) Styrene	10.653	104	188527	53.572	ug/l	98
71) Bromoform	10.799	173	47517	52.937	ug/l #	100
73) Isopropylbenzene	10.963	105	268611	49.757	ug/l	98
74) N-amyl acetate	10.842	43	153386	59.055	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	99475	49.010	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	83505m	52.159	ug/l	
77) Bromobenzene	11.195	156	66145	53.116	ug/l	99
78) n-propylbenzene	11.305	91	343792	51.750	ug/l	99
79) 2-Chlorotoluene	11.366	91	206274	51.577	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	249465	53.756	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	29250	56.584	ug/l	95
82) 4-Chlorotoluene	11.451	91	246531	53.707	ug/l	98
83) tert-Butylbenzene	11.713	119	235163	52.956	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	255547	55.185	ug/l	98
85) sec-Butylbenzene	11.890	105	291118	49.482	ug/l	100
86) p-Isopropyltoluene	12.006	119	243211	50.624	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	136975	54.524	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	127166	49.450	ug/l	99
89) n-Butylbenzene	12.329	91	214372	45.972	ug/l	97
90) Hexachloroethane	12.536	117	38086	48.636	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	121186	50.031	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	25625	55.697	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	83903	55.412	ug/l	96
94) Hexachlorobutadiene	13.725	225	28128	47.159	ug/l	98
95) Naphthalene	13.774	128	297412	57.831	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	80523	53.786	ug/l	98

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

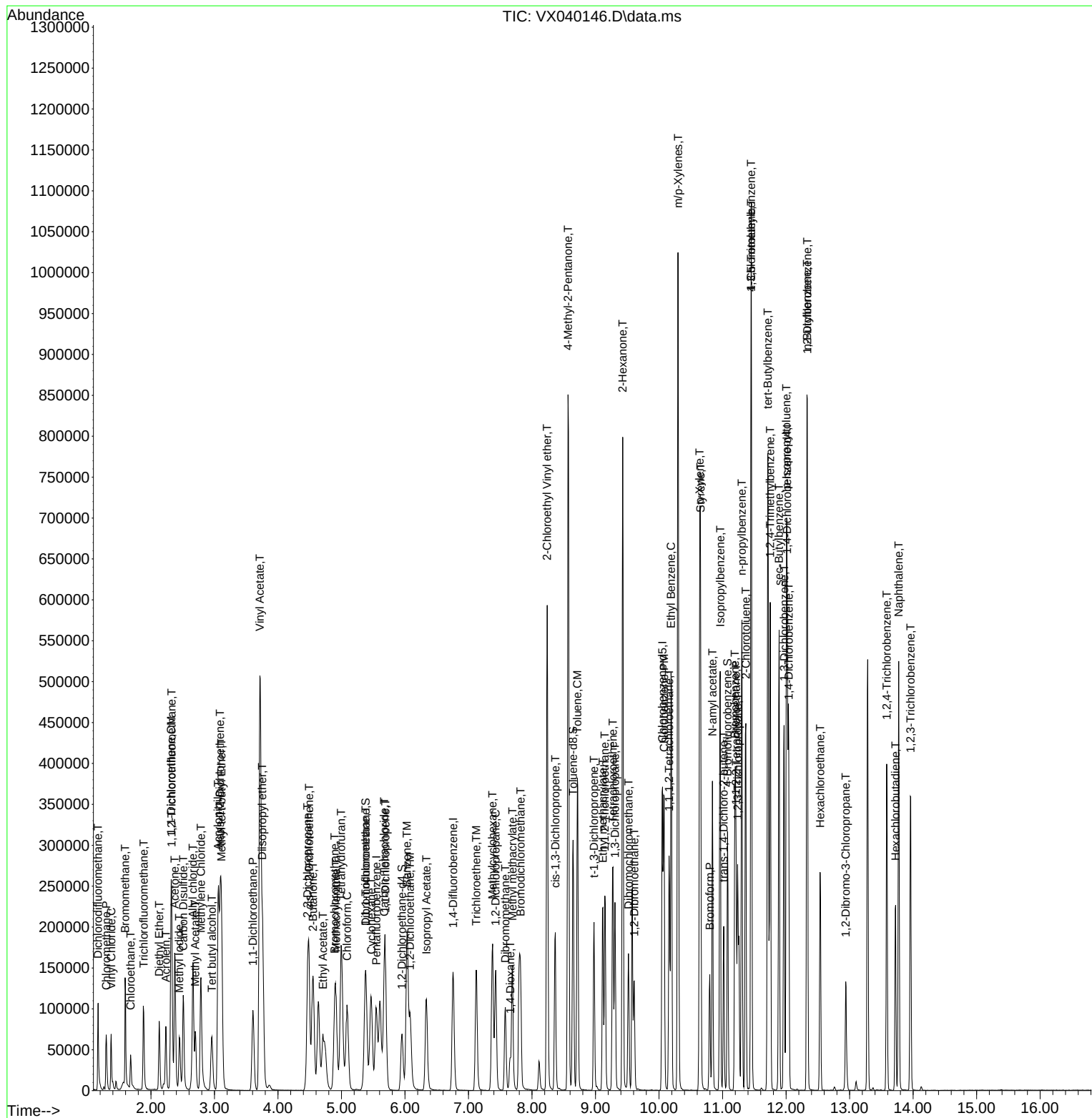
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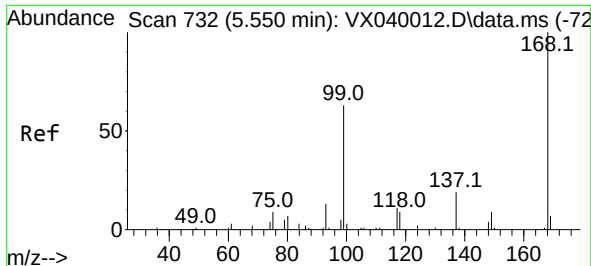
Instrument :
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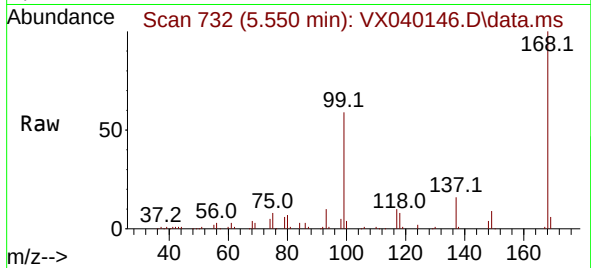
Reviewed By : John Carlone 02/07/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

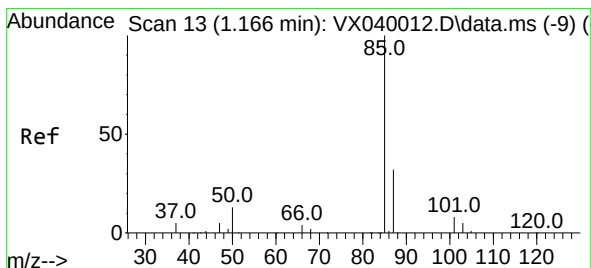
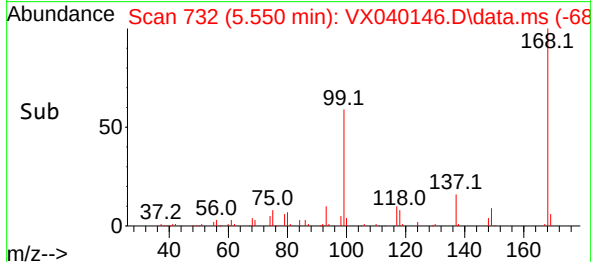
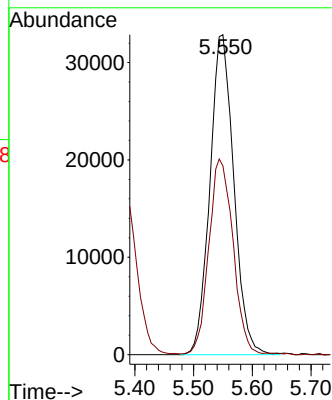
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 92854
Ion Ratio Lower Upper
168 100
99 58.8 56.6 85.0

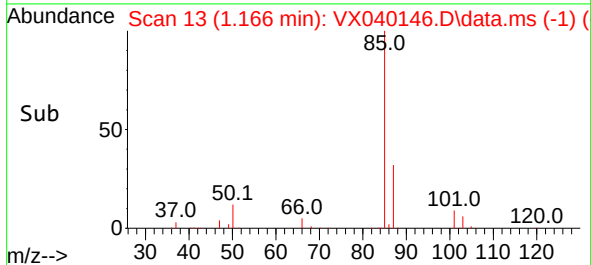
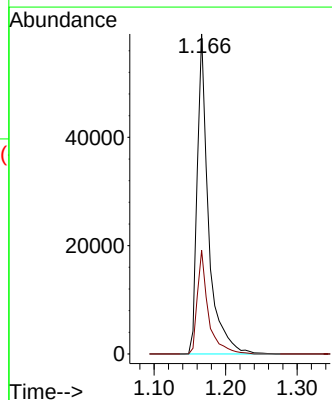
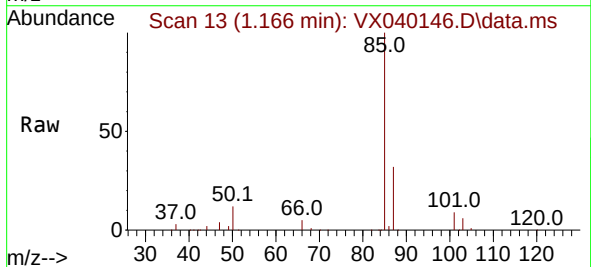
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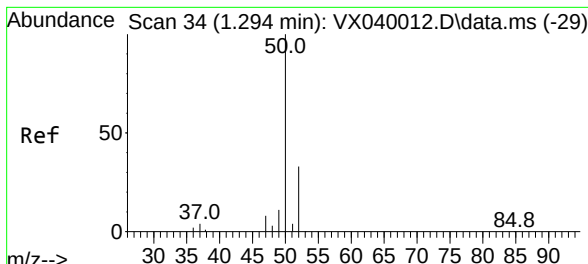
Reviewed By :John Carlone 02/07/2024
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#2
Dichlorodifluoromethane
Concen: 61.626 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

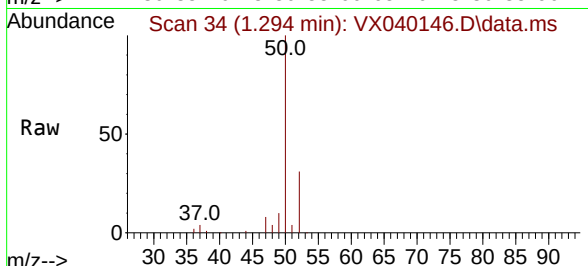
Tgt Ion: 85 Resp: 64451
Ion Ratio Lower Upper
85 100
87 32.4 16.7 50.1





#3
Chloromethane
Concen: 54.547 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

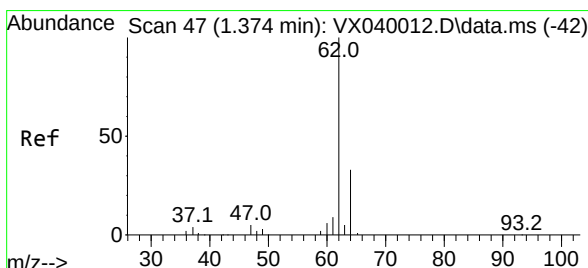
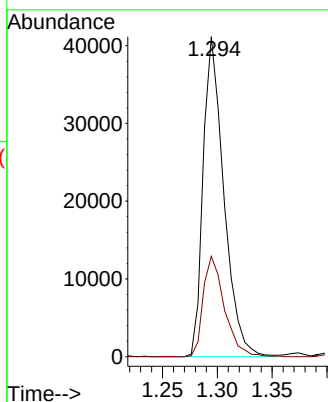
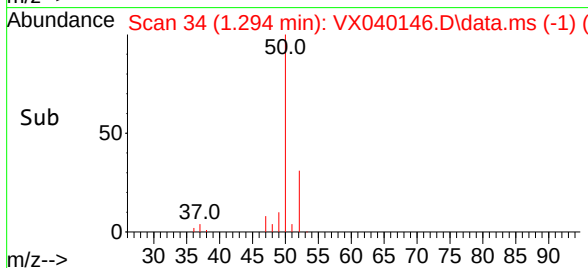
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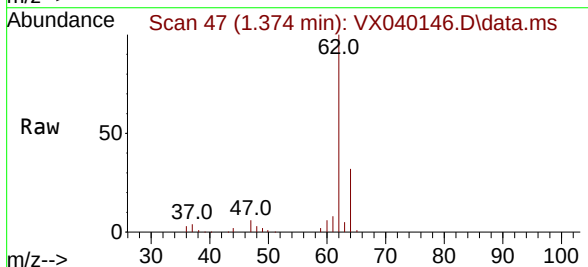
Tgt Ion: 50 Resp: 54102
Ion Ratio Lower Upper
50 100
52 31.3 25.5 38.3

Manual Integrations
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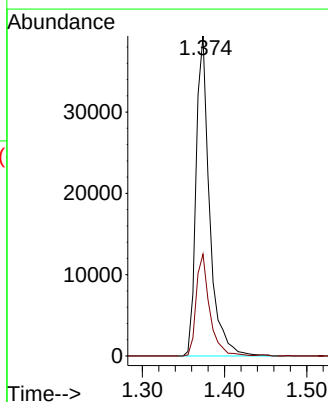
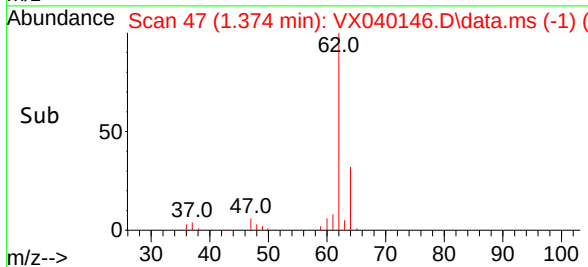
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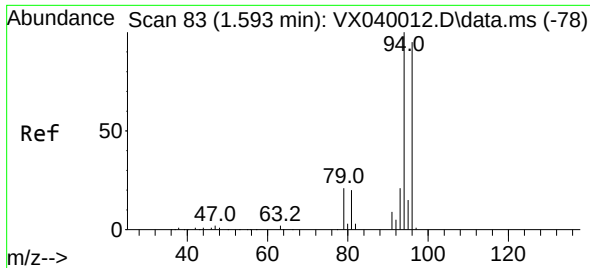


#4
Vinyl Chloride
Concen: 49.045 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45



Tgt Ion: 62 Resp: 44989
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0





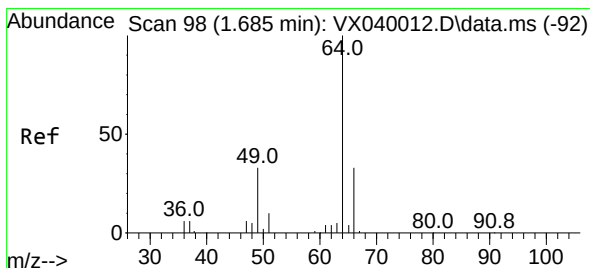
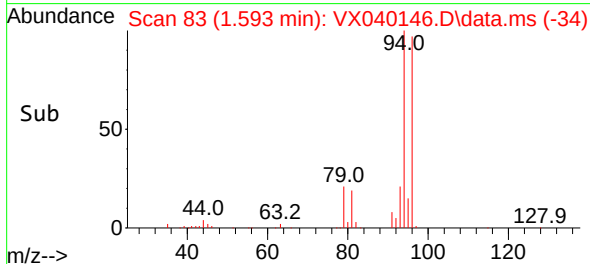
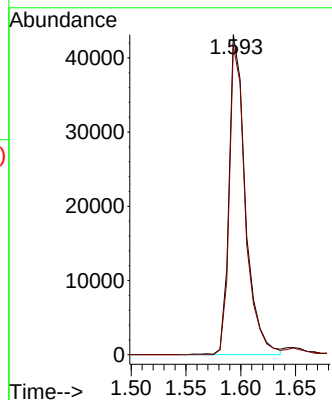
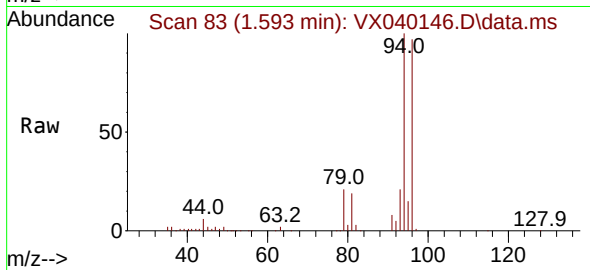
#5
Bromomethane
Concen: 50.403 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX040146.D
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Tgt Ion: 94 Resp: 44940
Ion Ratio Lower Upper
94 100
96 96.6 74.6 111.8

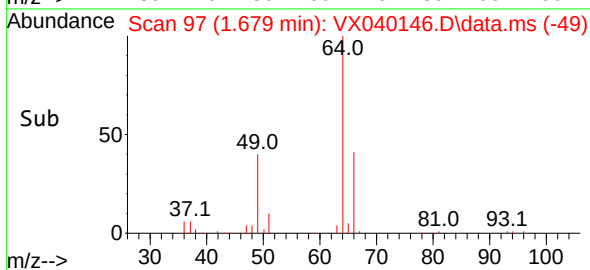
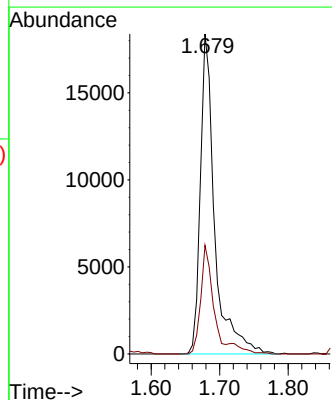
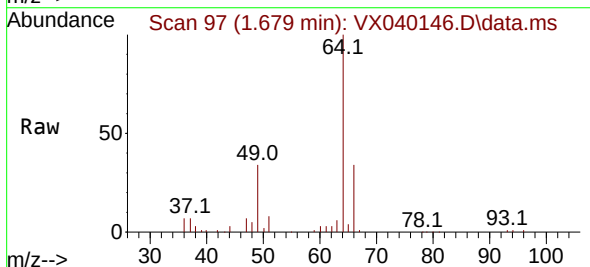
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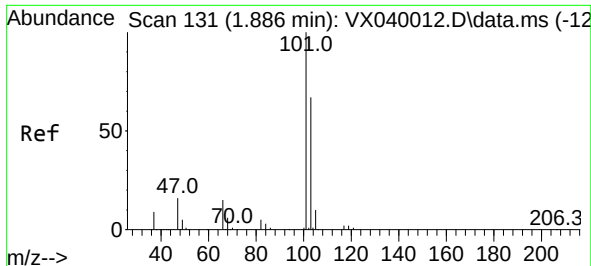
Reviewed By :John Carlone 02/07/2024
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#6
Chloroethane
Concen: 44.179 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

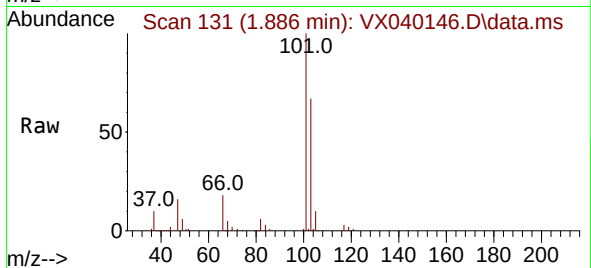
Tgt Ion: 64 Resp: 26754
Ion Ratio Lower Upper
64 100
66 34.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 37.305 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040146.D
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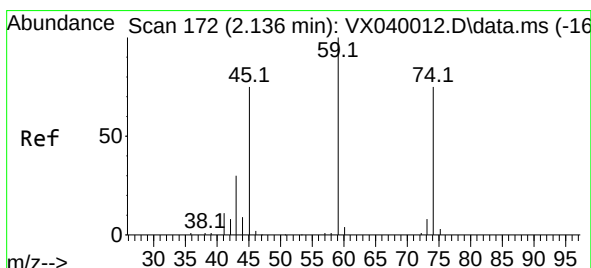
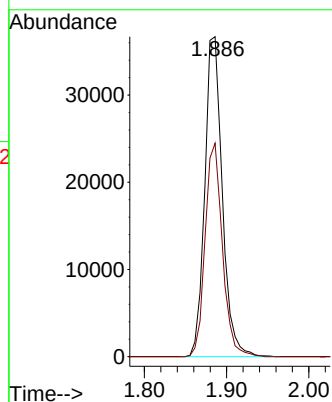
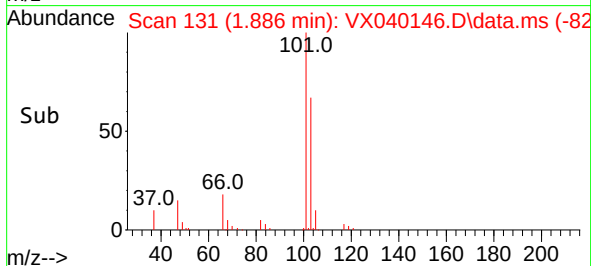
Instrument :
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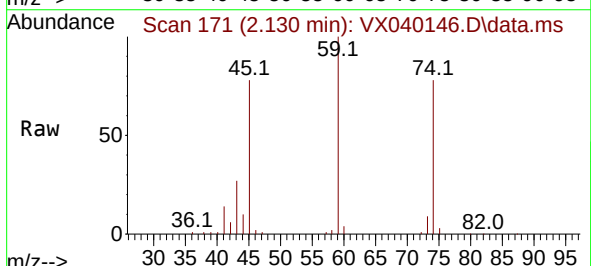
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Ion Ratio Lower Upper
101 100
103 66.7 51.4 77.2

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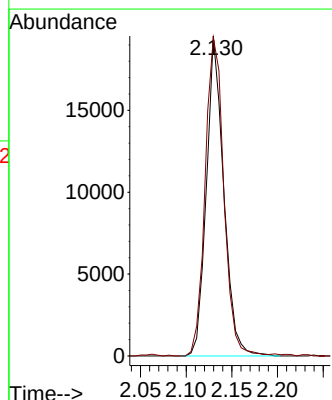
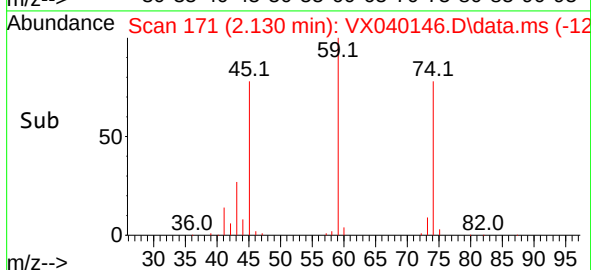
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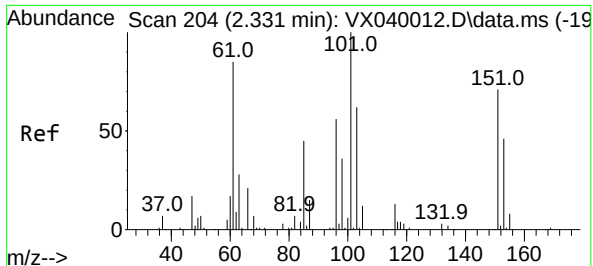


#8
Diethyl Ether
Concen: 50.056 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040146.D
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Tgt Ion: 74 Resp: 25828
Ion Ratio Lower Upper
74 100
45 107.1 53.3 159.8





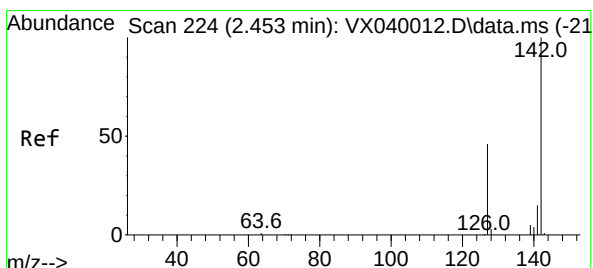
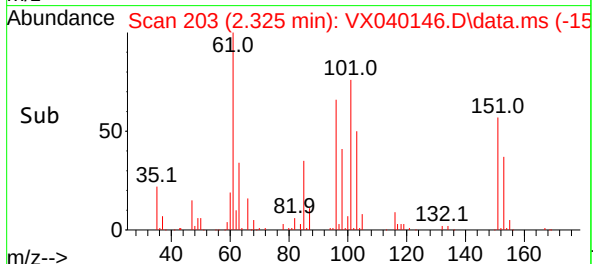
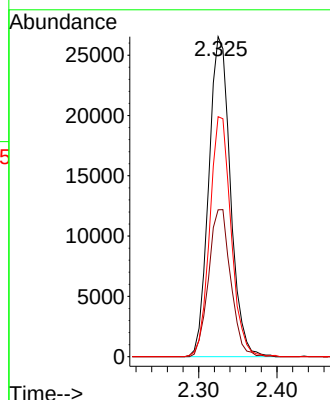
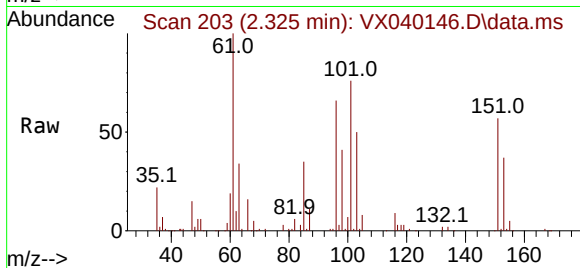
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.827 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 50992
Ion Ratio Lower Upper
101 100
85 46.9 37.0 55.6
151 73.8 58.6 87.8

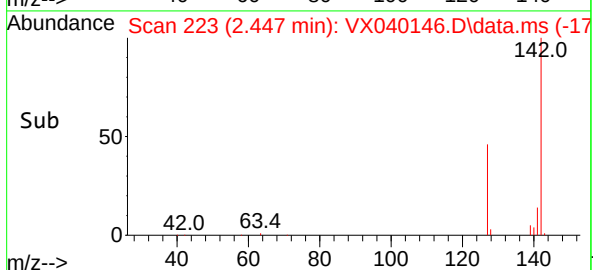
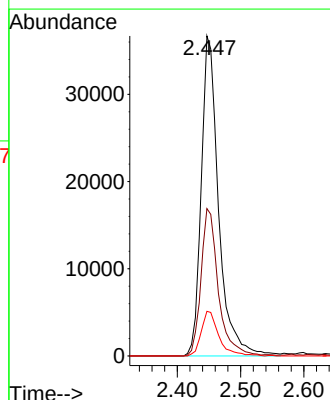
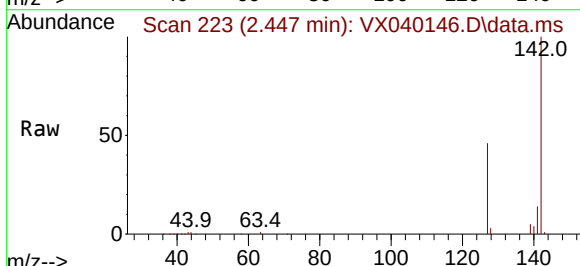
Manual Integrations
APPROVED

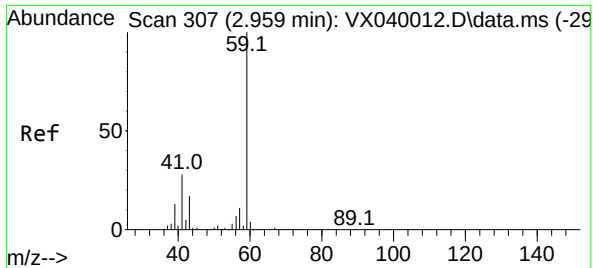
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#10
Methyl Iodide
Concen: 60.604 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Tgt Ion:142 Resp: 70252
Ion Ratio Lower Upper
142 100
127 46.0 41.6 62.4
141 14.1 11.6 17.4





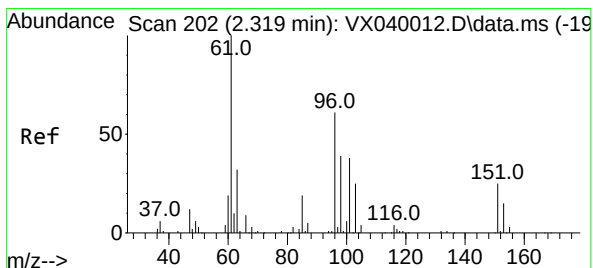
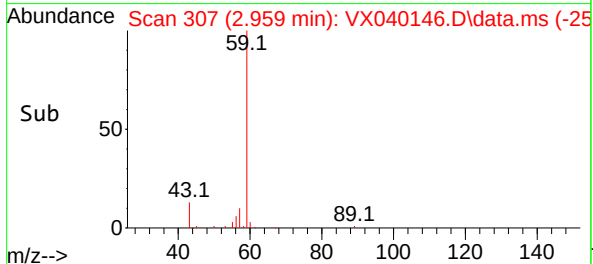
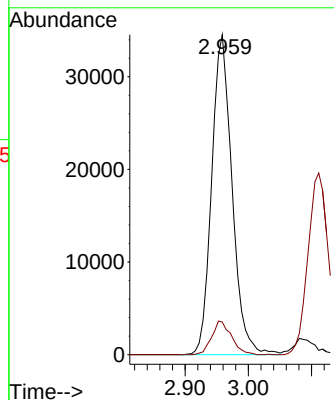
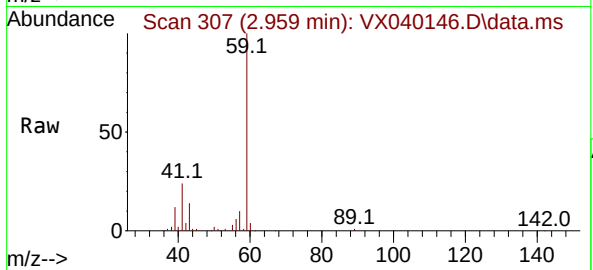
#11
Tert butyl alcohol
Concen: 285.184 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 77328
Ion Ratio Lower Upper
59 100
57 10.2 6.0 9.0

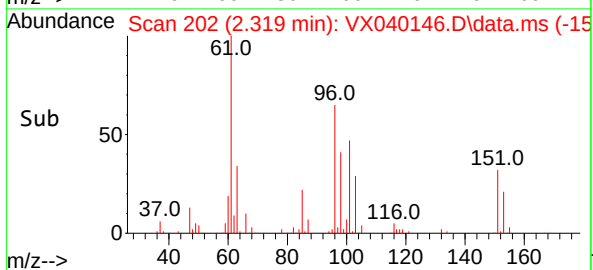
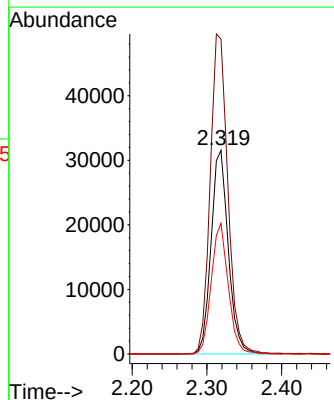
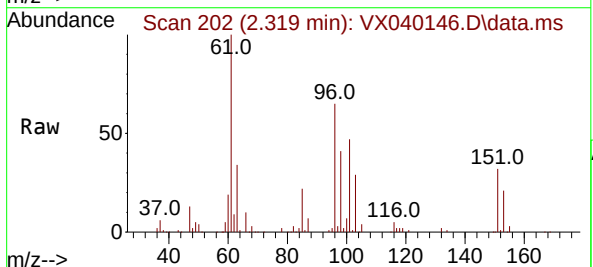
Manual Integrations
APPROVED

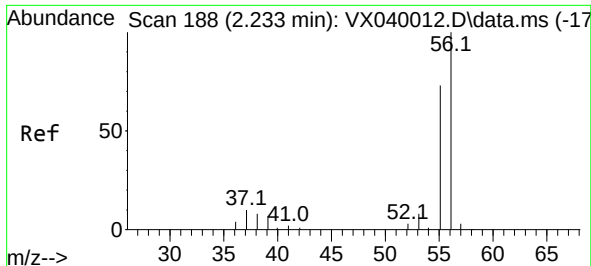
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#12
1,1-Dichloroethene
Concen: 48.346 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

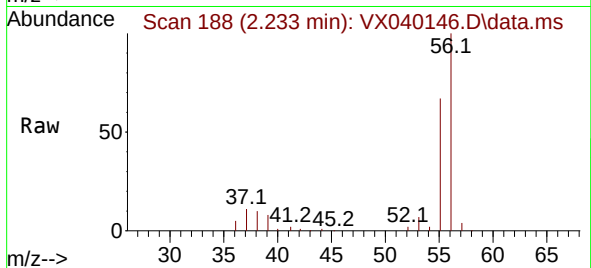
Tgt Ion: 96 Resp: 50491
Ion Ratio Lower Upper
96 100
61 154.6 144.6 216.8
98 64.1 50.4 75.6





#13
Acrolein
Concen: 203.693 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

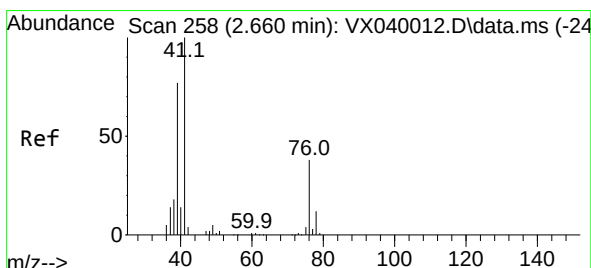
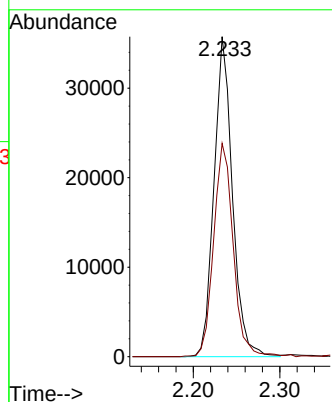
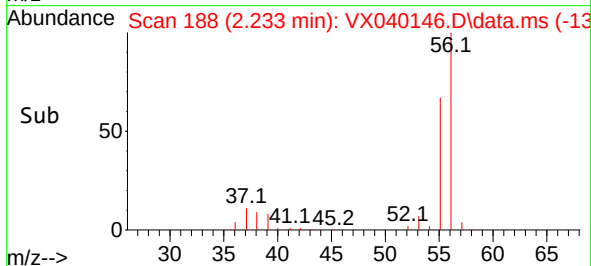
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 5291
Ion Ratio Lower Upper
56 100
55 70.9 57.1 85.7

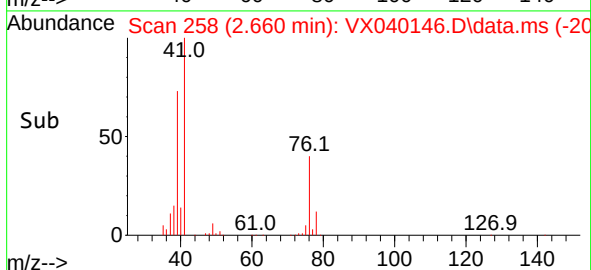
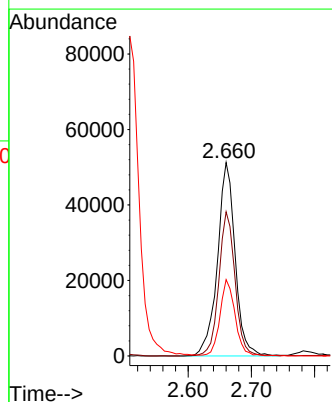
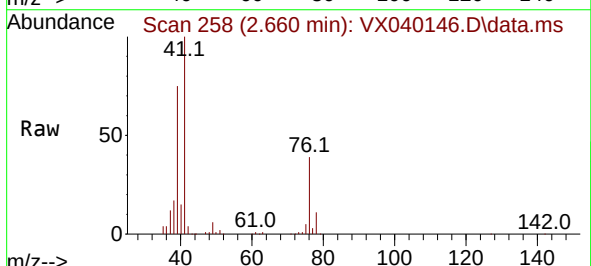
Manual Integrations
APPROVED

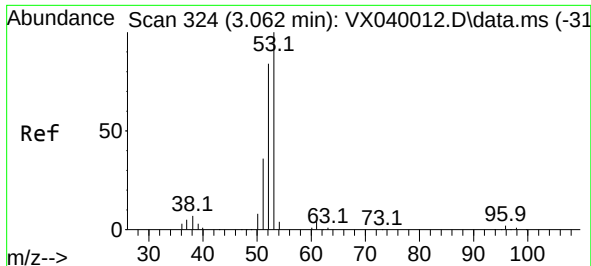
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#14
Allyl chloride
Concen: 53.009 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

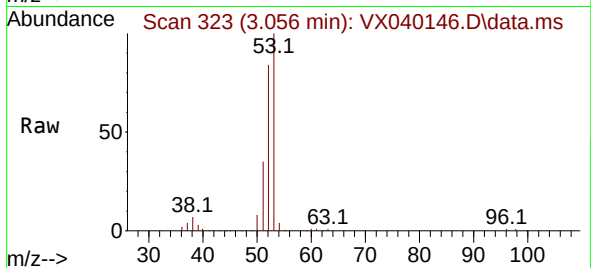
Tgt Ion: 41 Resp: 99790
Ion Ratio Lower Upper
41 100
39 67.9 55.8 83.6
76 33.8 24.3 36.5





#15
Acrylonitrile
Concen: 283.622 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

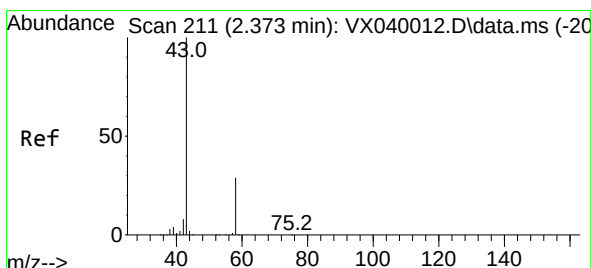
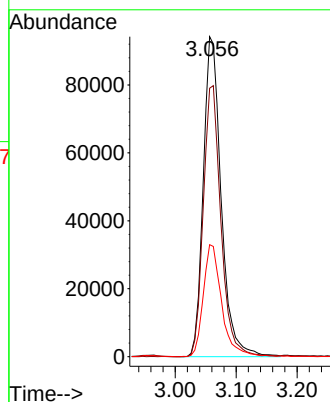
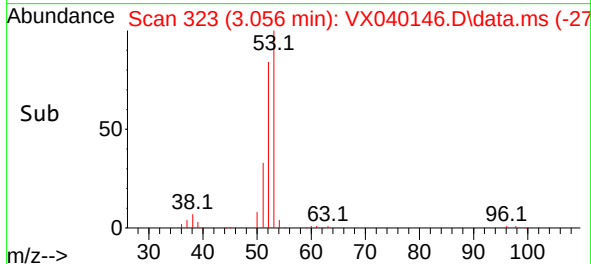
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 192644
Ion Ratio Lower Upper
53 100
52 83.4 66.0 99.0
51 36.0 29.8 44.6

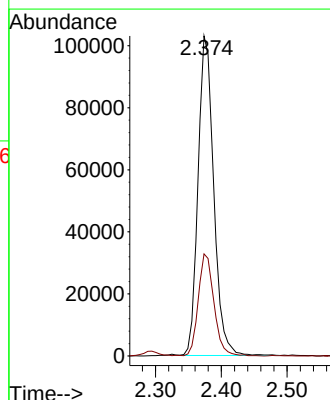
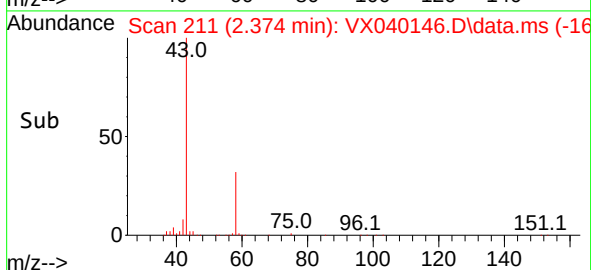
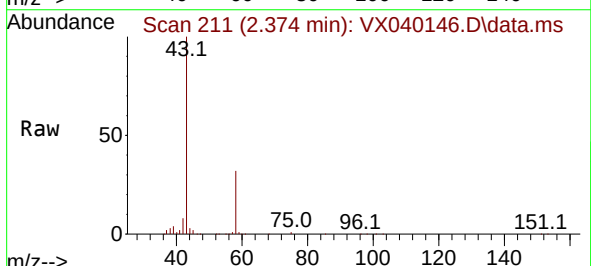
Manual Integrations
APPROVED

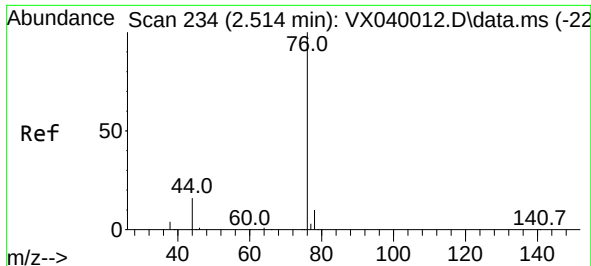
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#16
Acetone
Concen: 243.178 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Tgt Ion: 43 Resp: 170269
Ion Ratio Lower Upper
43 100
58 31.8 21.9 32.9





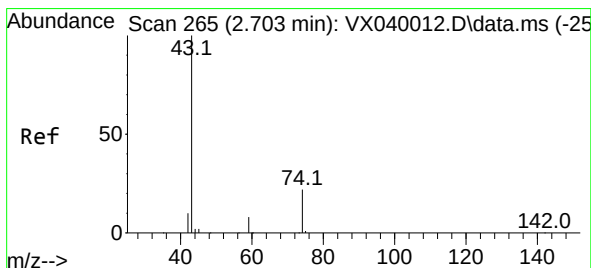
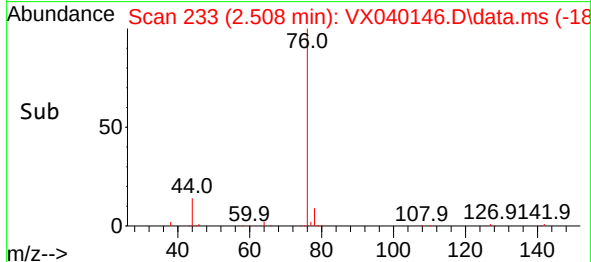
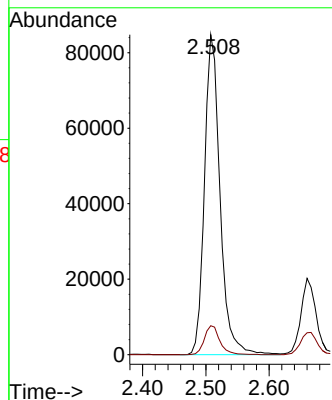
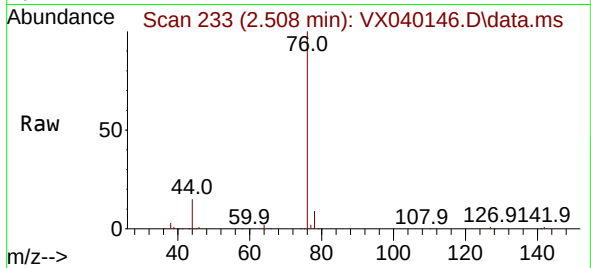
#17
Carbon Disulfide
Concen: 47.613 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 145380
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

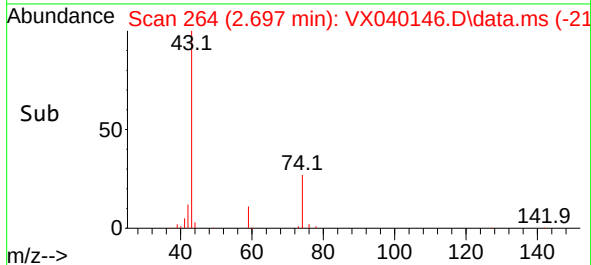
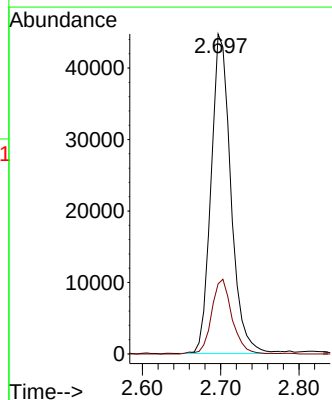
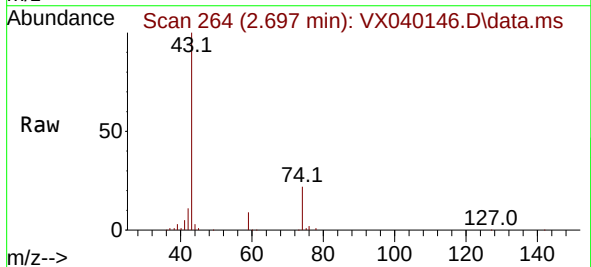
Manual Integrations
APPROVED

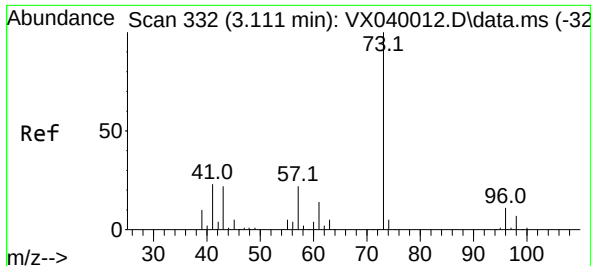
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#18
Methyl Acetate
Concen: 47.365 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Tgt Ion: 43 Resp: 78567
Ion Ratio Lower Upper
43 100
74 24.1 17.8 26.8





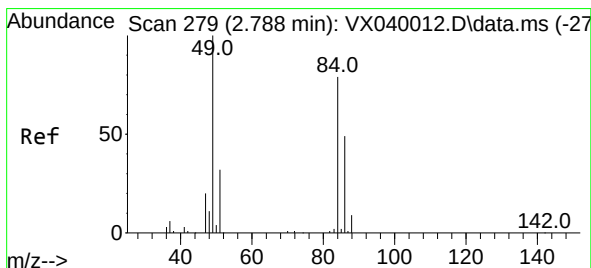
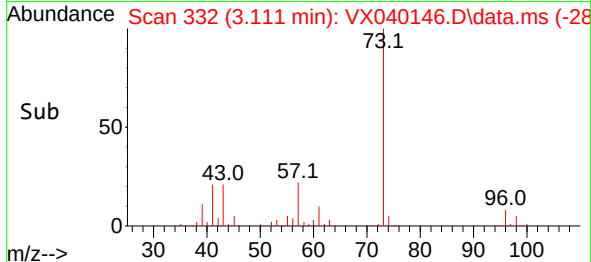
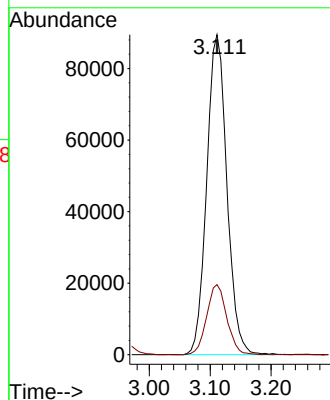
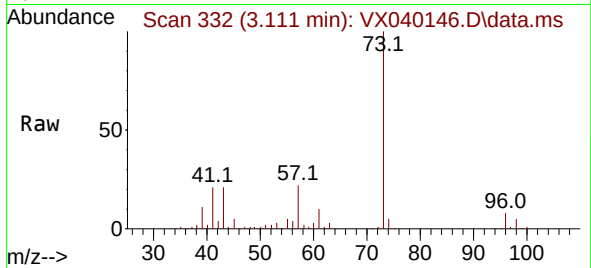
#19
Methyl tert-butyl Ether
Concen: 57.594 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 206044
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9

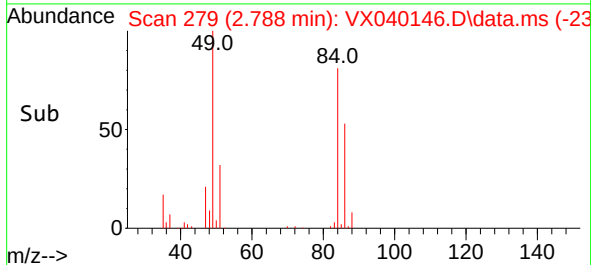
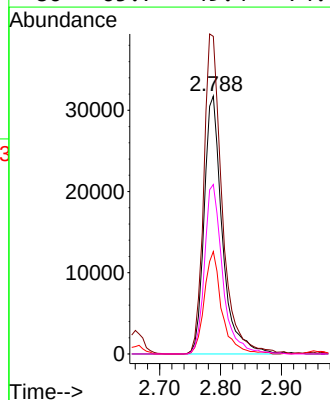
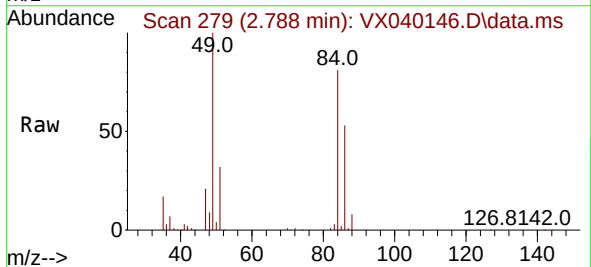
Manual Integrations
APPROVED

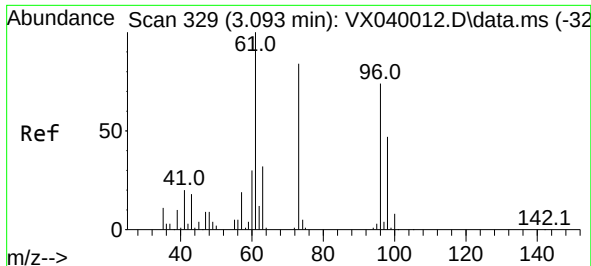
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#20
Methylene Chloride
Concen: 52.982 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

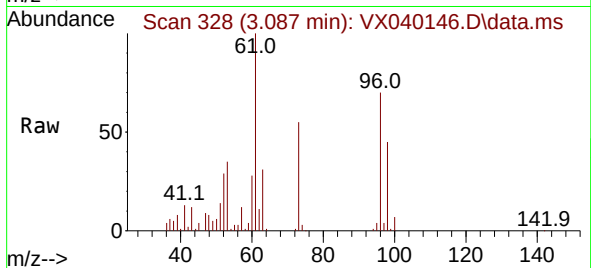
Tgt Ion: 84 Resp: 65926
Ion Ratio Lower Upper
84 100
49 123.1 103.6 155.4
51 39.7 33.8 50.6
86 65.7 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 52.834 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

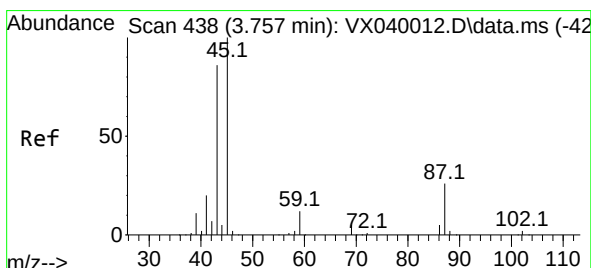
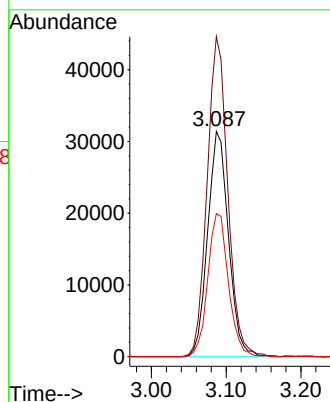
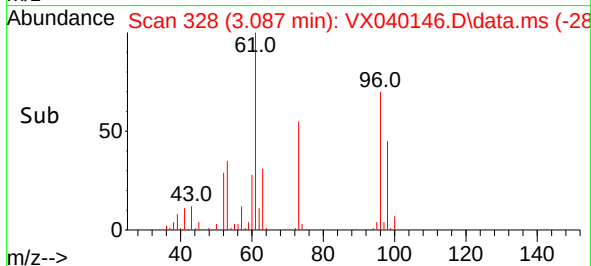
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 6076
Ion Ratio Lower Upper
96 100
61 142.0 119.2 178.8
98 63.5 48.7 73.1

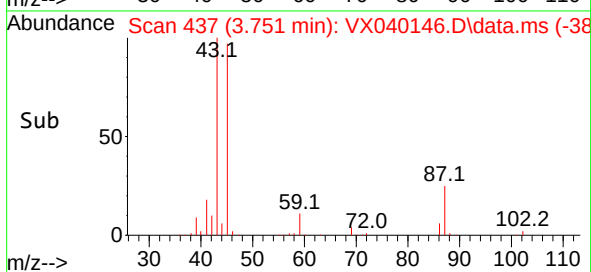
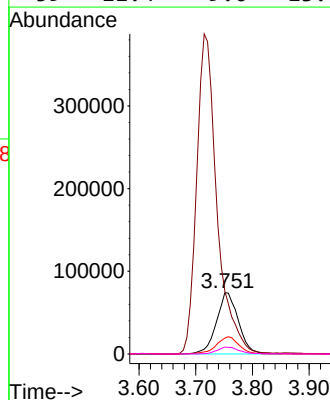
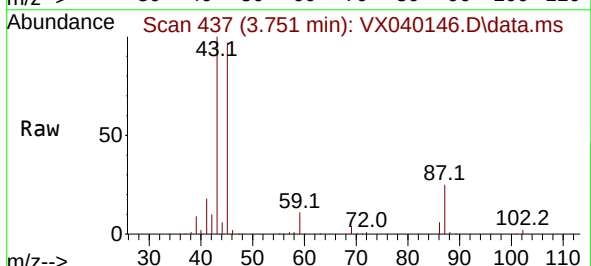
Manual Integrations
APPROVED

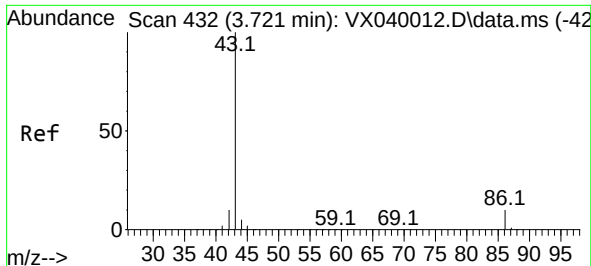
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#22
Diisopropyl ether
Concen: 54.483 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Tgt Ion: 45 Resp: 198672
Ion Ratio Lower Upper
45 100
43 101.4 69.7 104.5
87 25.9 20.8 31.2
59 11.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 296.183 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX040146.D
 Acq: 07 Feb 2024 11:45

Instrument :

MSVOA_X

ClientSampleId :

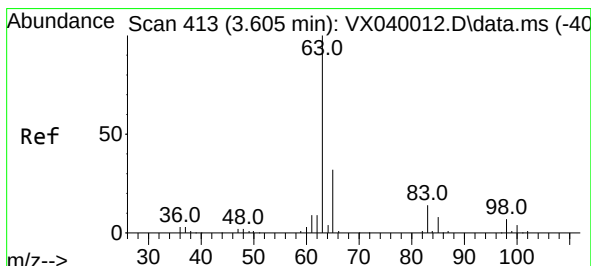
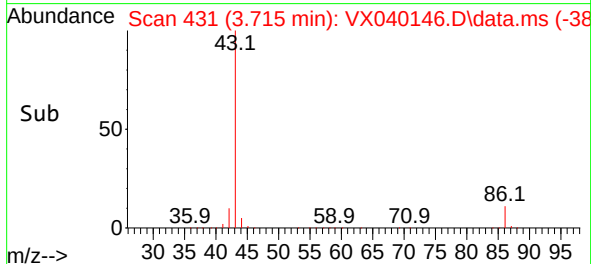
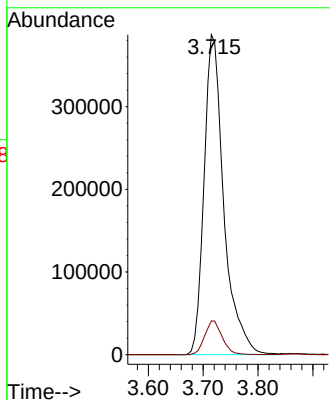
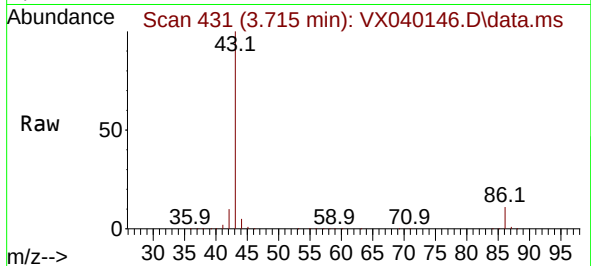
VSTDCCC050

Tgt Ion: 43 Resp: 966570
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.8 11.8

Manual Integrations

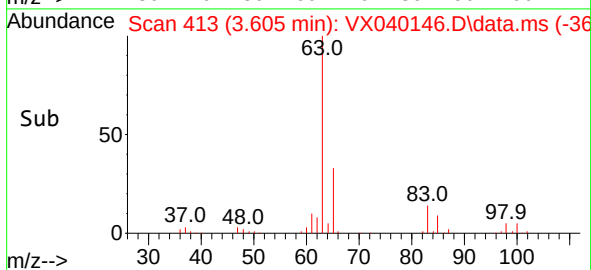
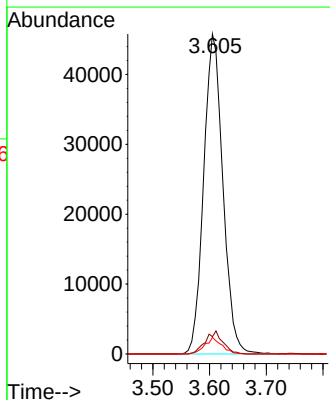
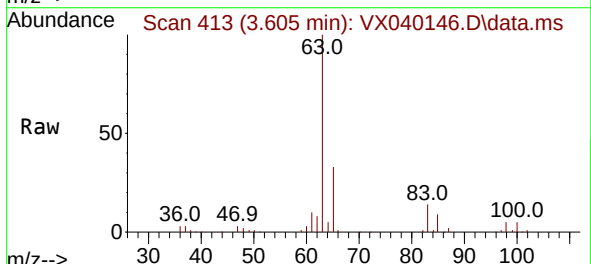
APPROVED

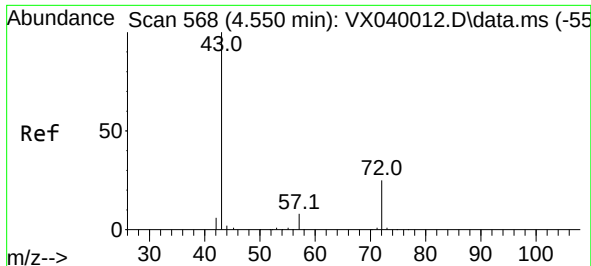
Reviewed By :John Carlone 02/07/2024
 Supervised By :Semsettin Yesilyurt 02/08/2024



#24
 1,1-Dichloroethane
 Concen: 51.608 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040146.D
 Acq: 07 Feb 2024 11:45

Tgt Ion: 63 Resp: 107782
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.3 9.8
 100 5.2 2.1 6.5





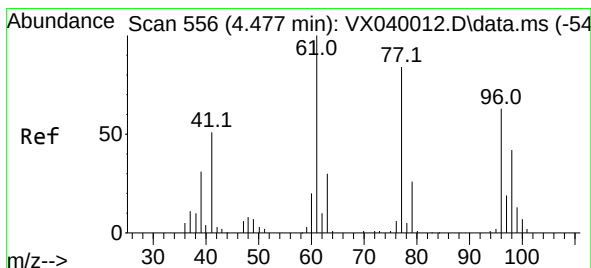
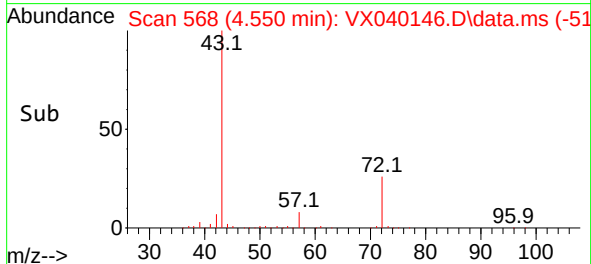
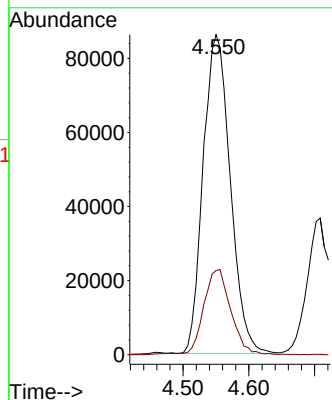
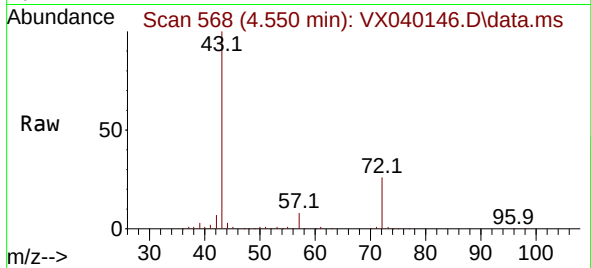
#25
2-Butanone
Concen: 253.898 ug/l
RT: 4.550 min Scan# 501
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 247129
Ion Ratio Lower Upper
43 100
72 26.3 19.4 29.2

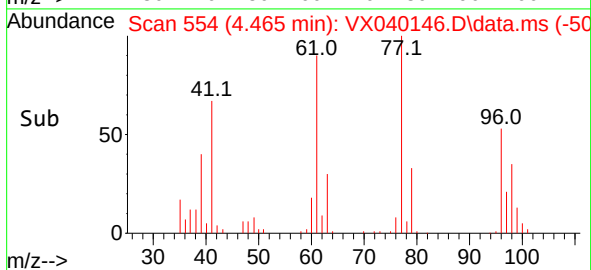
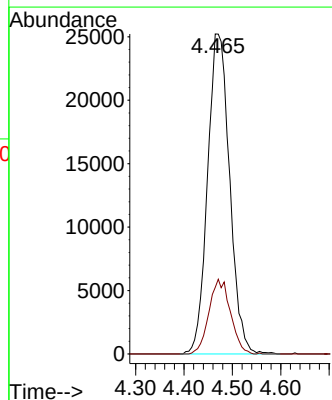
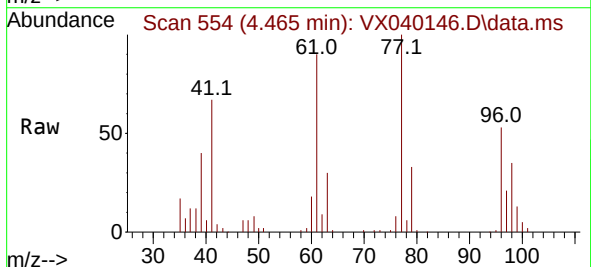
Manual Integrations
APPROVED

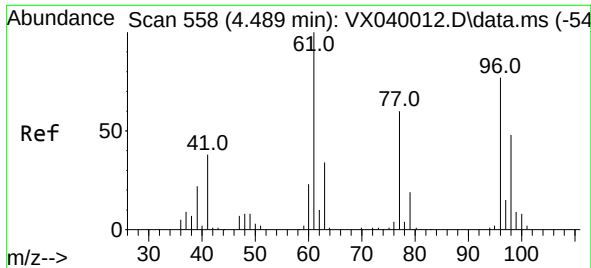
Reviewed By :John Carbone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#26
2,2-Dichloropropane
Concen: 49.119 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.012 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Tgt Ion: 77 Resp: 80043
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.580 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX040146.D

Acq: 07 Feb 2024 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 6619

Ion Ratio Lower Upper

96 100

61 149.9 0.0 312.2

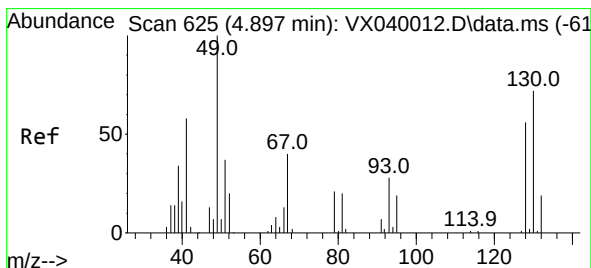
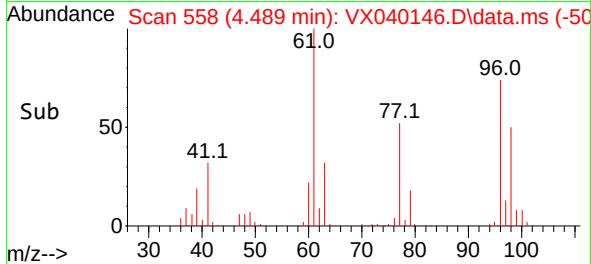
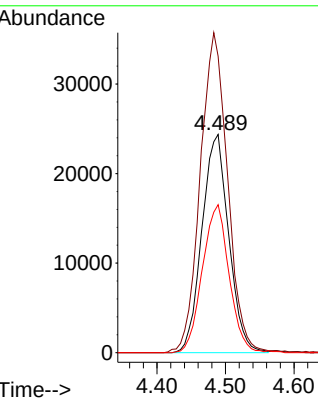
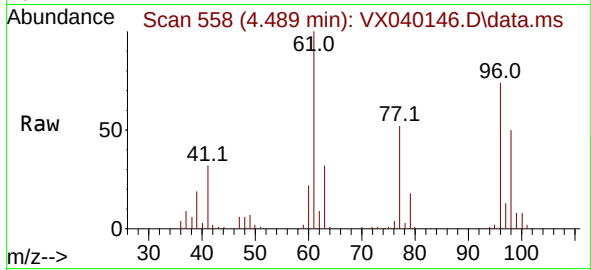
98 67.3 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#28

Bromochloromethane

Concen: 53.260 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX040146.D

Acq: 07 Feb 2024 11:45

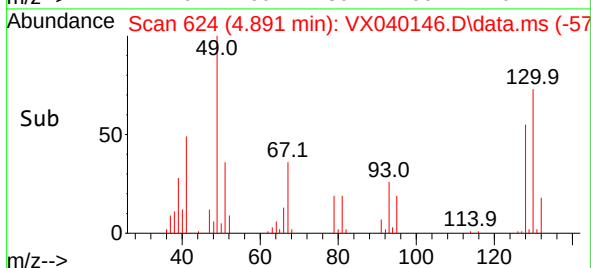
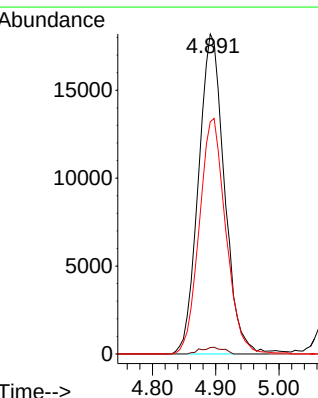
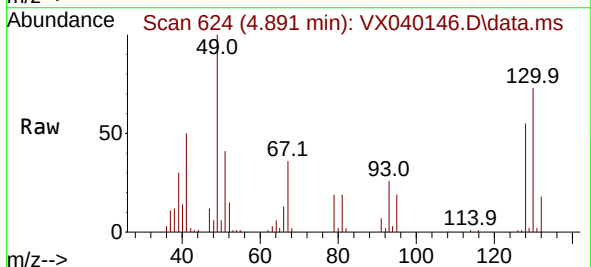
Tgt Ion: 49 Resp: 51868

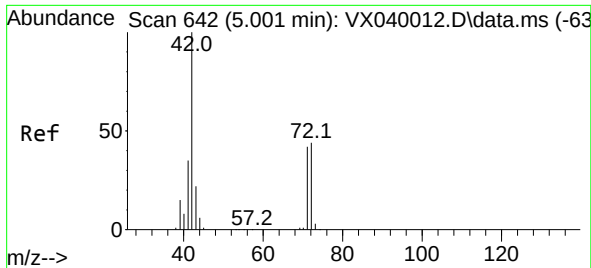
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 75.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 267.802 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX040146.D

Acq: 07 Feb 2024 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 16573

Ion Ratio Lower Upper

42 100

72 45.4 34.2 51.4

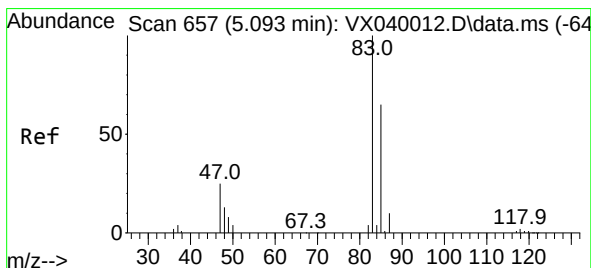
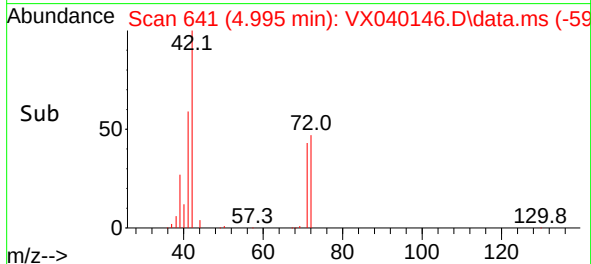
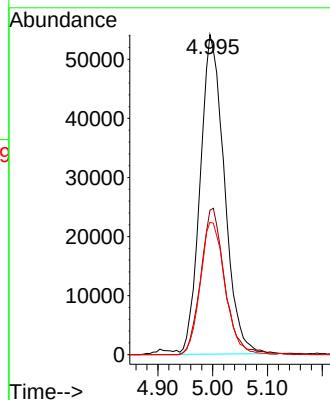
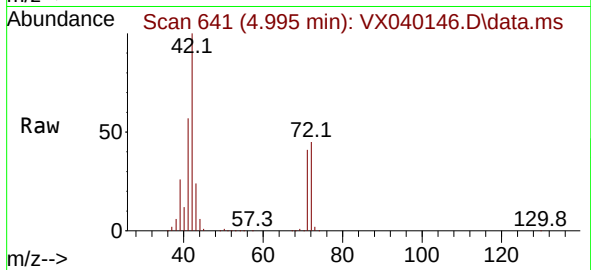
71 42.3 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#30

Chloroform

Concen: 51.199 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX040146.D

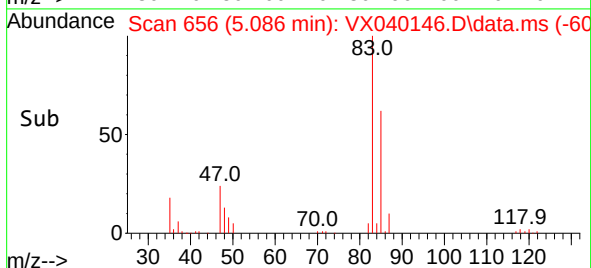
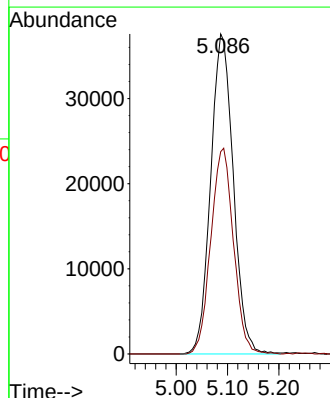
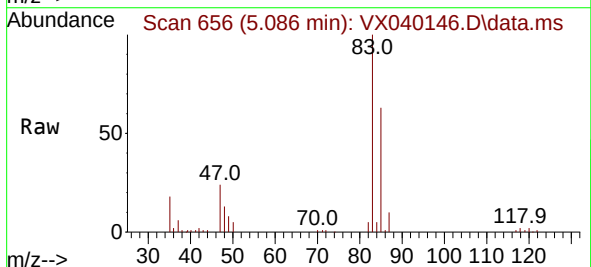
Acq: 07 Feb 2024 11:45

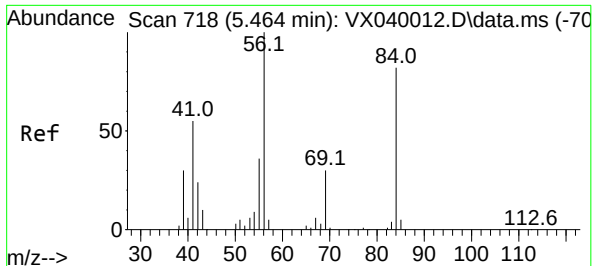
Tgt Ion: 83 Resp: 114818

Ion Ratio Lower Upper

83 100

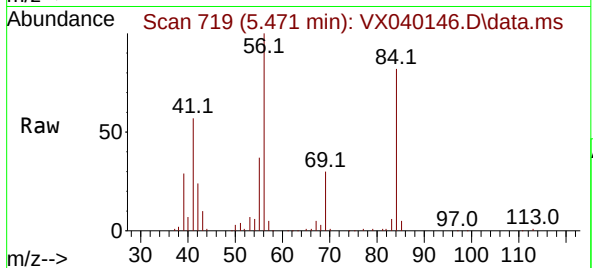
85 63.2 50.3 75.5





#31
Cyclohexane
Concen: 42.945 ug/l
RT: 5.471 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

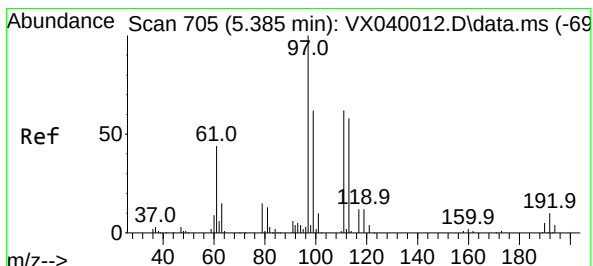
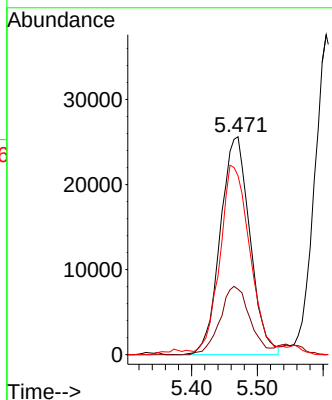
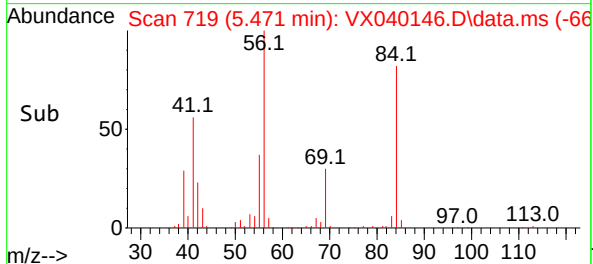
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 80389
Ion Ratio Lower Upper
56 100
69 30.0 23.4 35.2
84 80.0 65.9 98.9

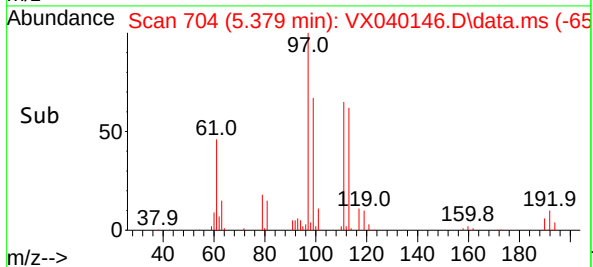
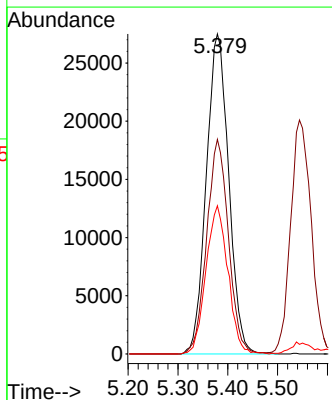
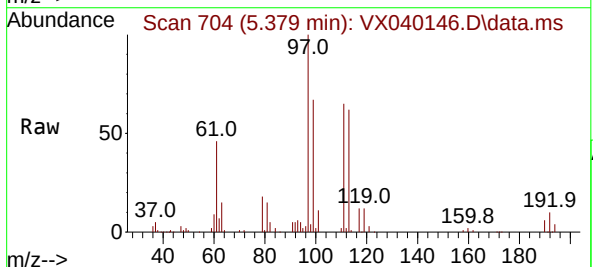
Manual Integrations
APPROVED

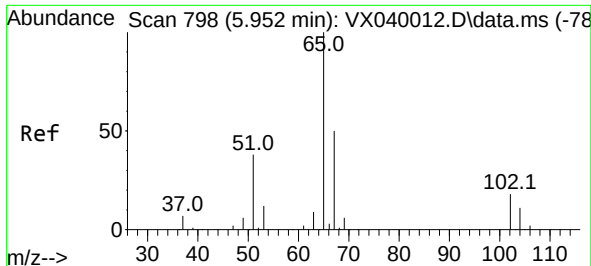
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#32
1,1,1-Trichloroethane
Concen: 44.602 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

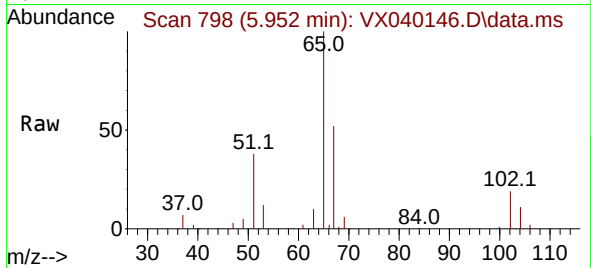
Tgt Ion: 97 Resp: 85841
Ion Ratio Lower Upper
97 100
99 65.1 51.1 76.7
61 45.5 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 44.639 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

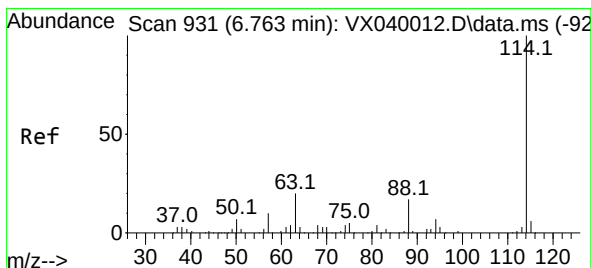
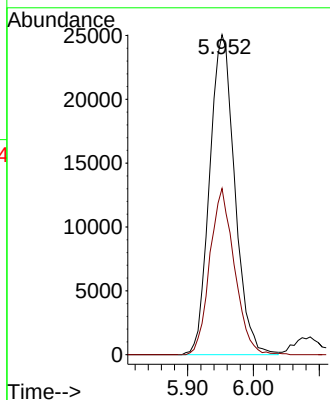
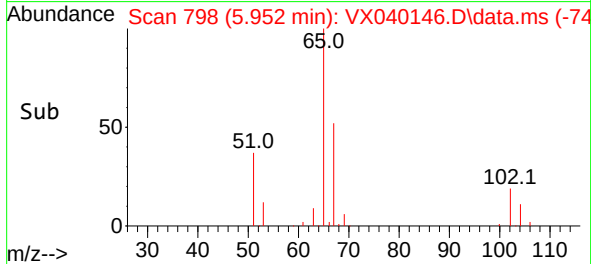
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 65 Resp: 6670
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2

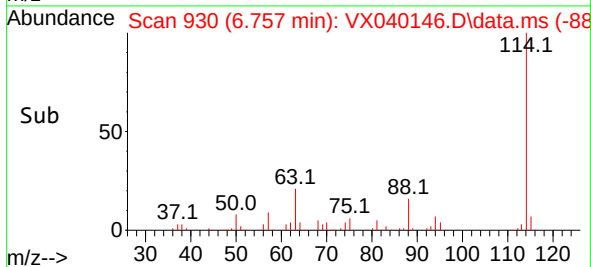
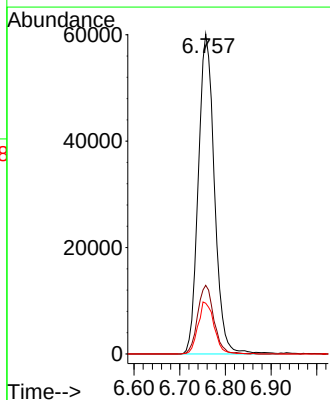
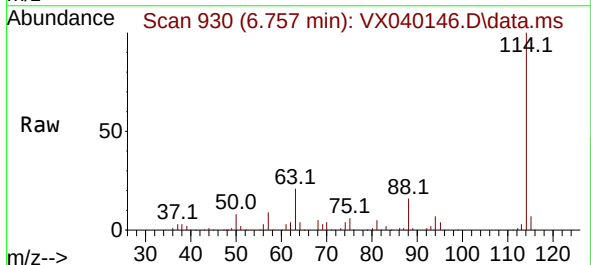
Manual Integrations
APPROVED

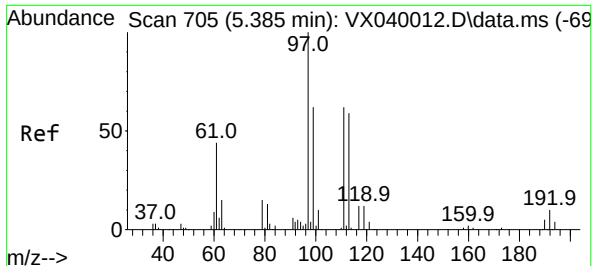
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

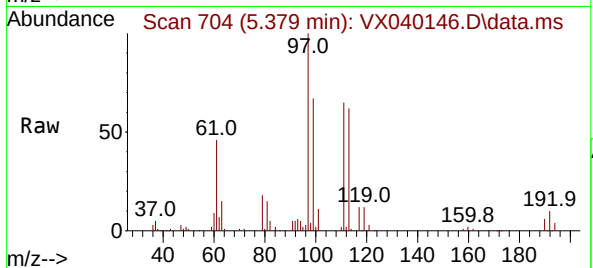
Tgt Ion:114 Resp: 147383
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 15.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.517 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

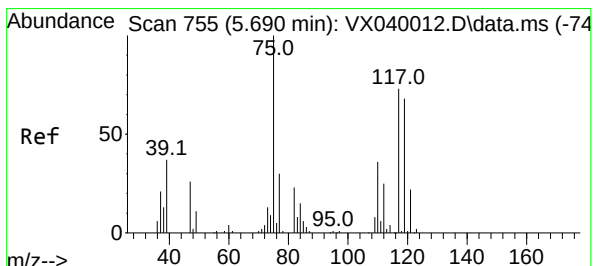
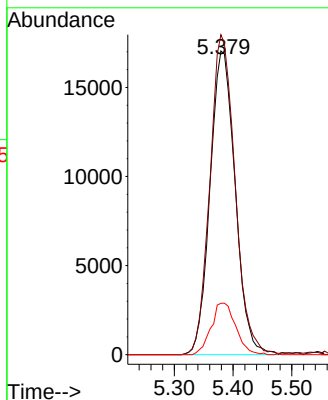
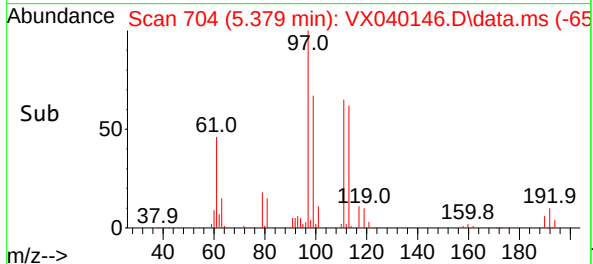
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 5068
Ion Ratio Lower Upper
113 100
111 105.2 82.9 124.3
192 16.6 13.3 19.9

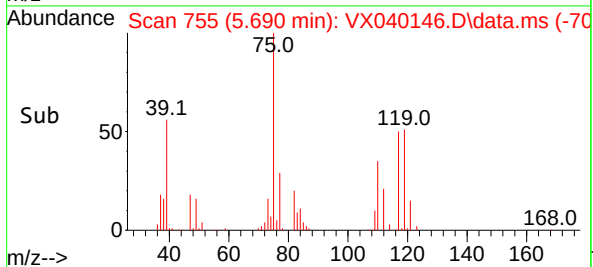
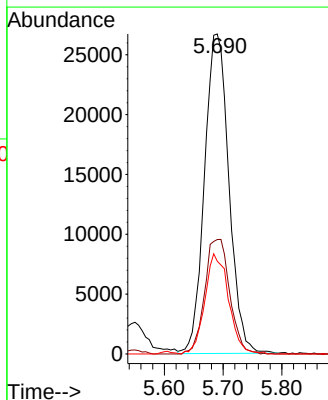
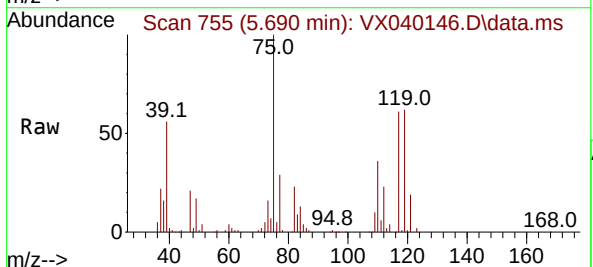
Manual Integrations
APPROVED

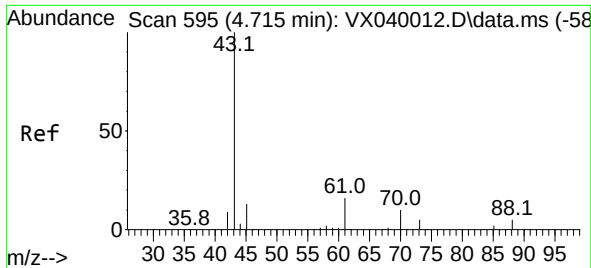
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#36
1,1-Dichloropropene
Concen: 53.131 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Tgt Ion: 75 Resp: 77093
Ion Ratio Lower Upper
75 100
110 36.8 17.0 50.9
77 30.5 24.7 37.1





#37
Ethyl Acetate
Concen: 62.082 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Instrument :

MSVOA_X

ClientSampleId :

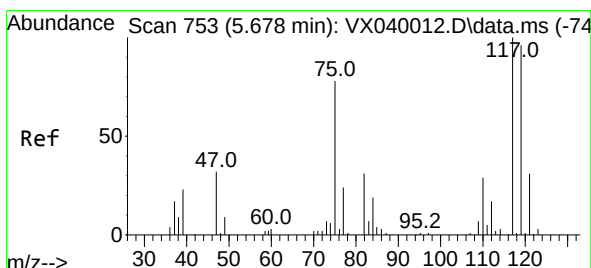
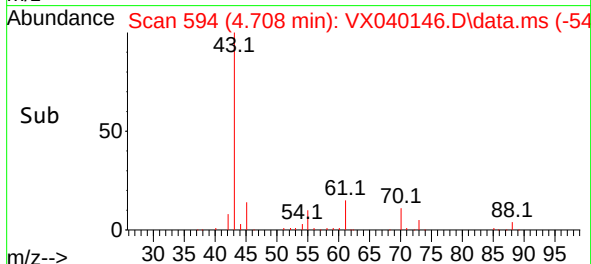
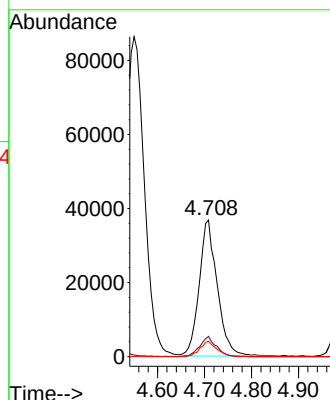
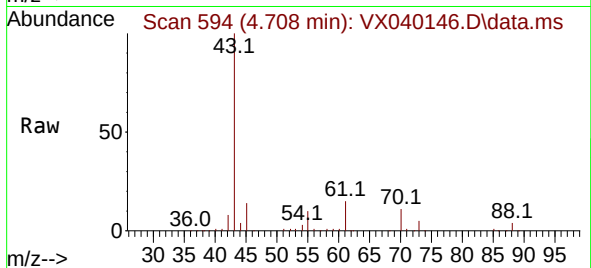
VSTDCCC050

Tgt Ion: 43 Resp: 98378
Ion Ratio Lower Upper
43 100
61 13.7 10.6 16.0
70 10.5 8.3 12.5

Manual Integrations

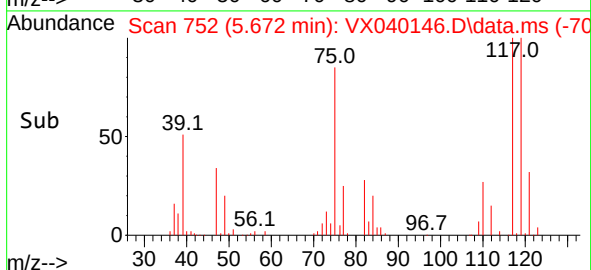
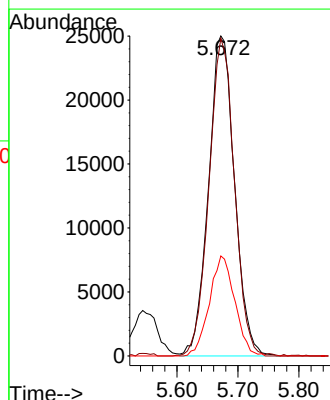
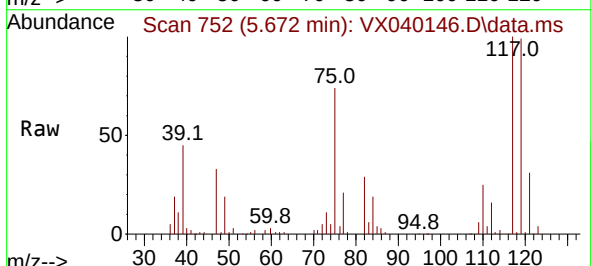
APPROVED

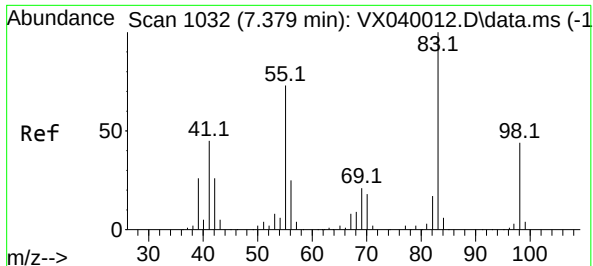
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#38
Carbon Tetrachloride
Concen: 53.497 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Tgt Ion:117 Resp: 74273
Ion Ratio Lower Upper
117 100
119 99.2 78.2 117.2
121 31.2 24.4 36.6





#39
Methylcyclohexane
Concen: 45.634 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

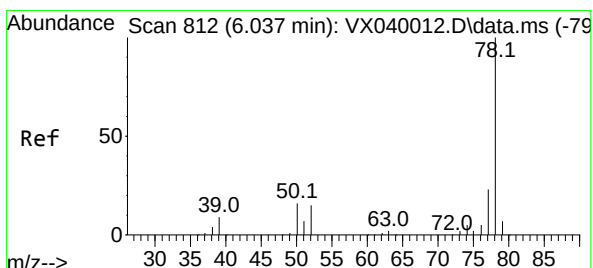
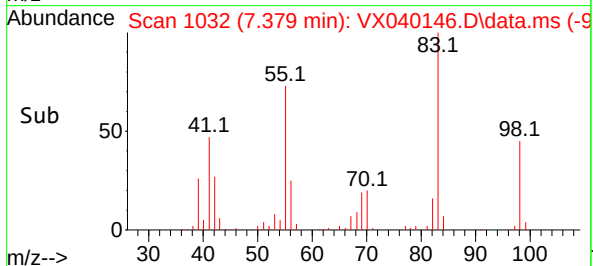
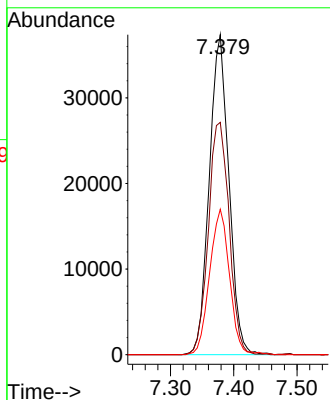
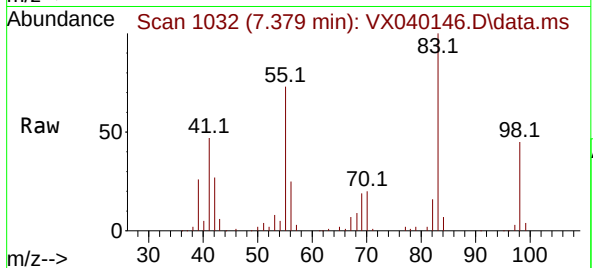
Tgt Ion: 83 Resp: 8056
Ion Ratio Lower Upper
83 100
55 72.6 64.6 97.0
98 45.5 36.7 55.1

Manual Integrations

APPROVED

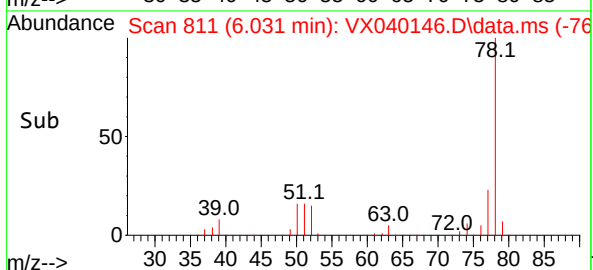
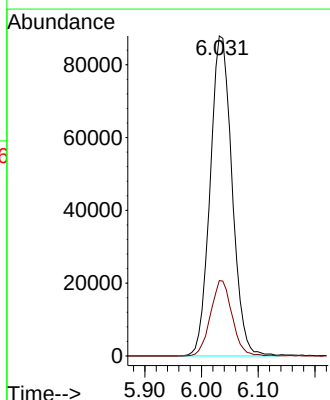
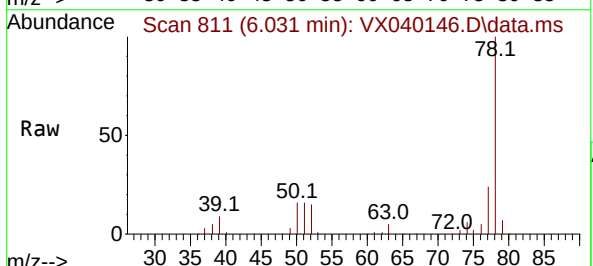
Reviewed By :John Carlone 02/07/2024

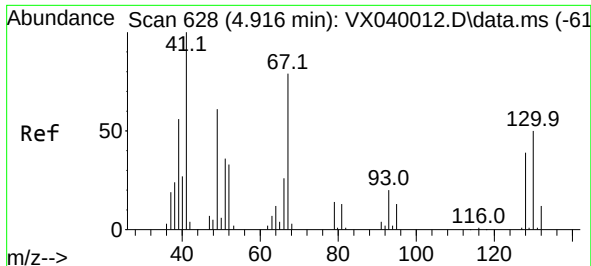
Supervised By :Semsettin Yesilyurt 02/08/2024



#40
Benzene
Concen: 55.750 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Tgt Ion: 78 Resp: 235606
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





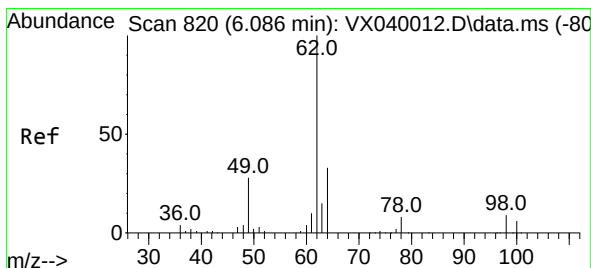
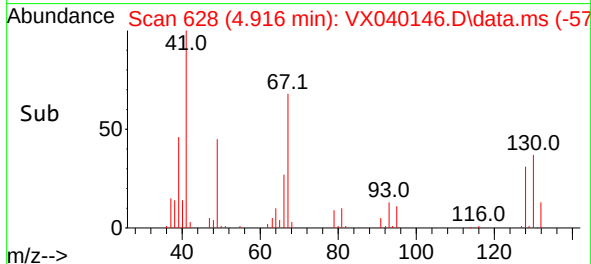
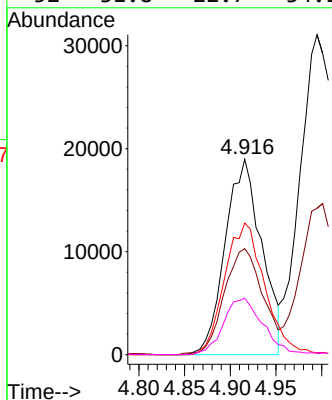
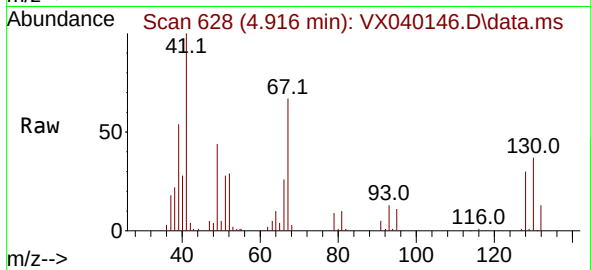
#41
Methacrylonitrile
Concen: 65.730 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 5282
Ion Ratio Lower Upper
41 100
39 57.2 45.2 67.8
67 74.1 52.6 78.8
52 31.8 22.7 34.1

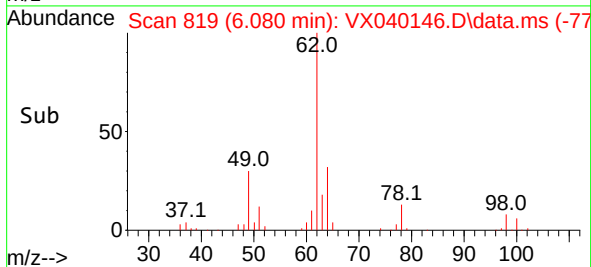
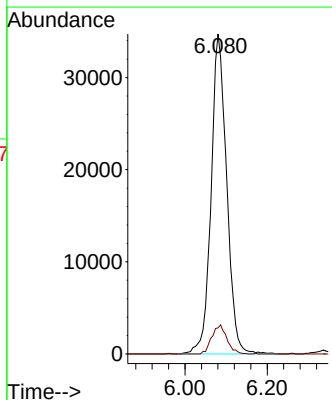
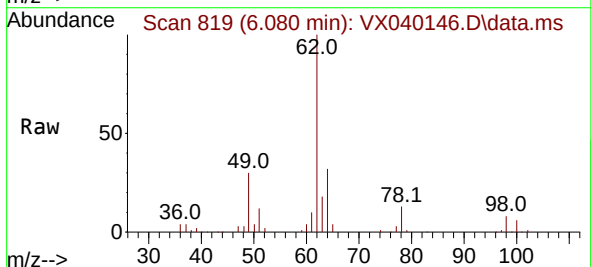
Manual Integrations
APPROVED

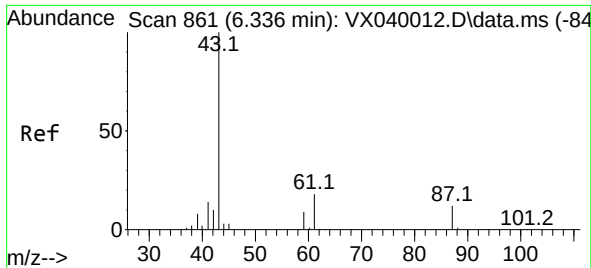
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#42
1,2-Dichloroethane
Concen: 56.135 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Tgt Ion: 62 Resp: 91323
Ion Ratio Lower Upper
62 100
98 8.8 0.0 16.0





#43
Isopropyl Acetate
Concen: 61.887 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Instrument :

MSVOA_X

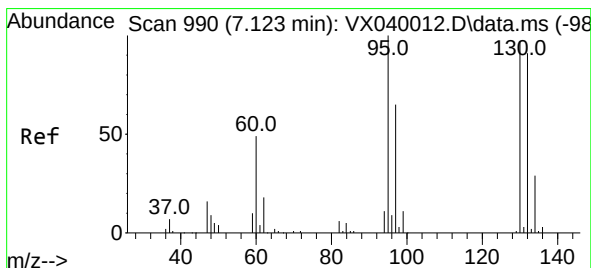
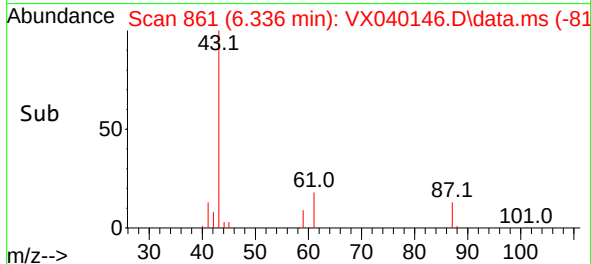
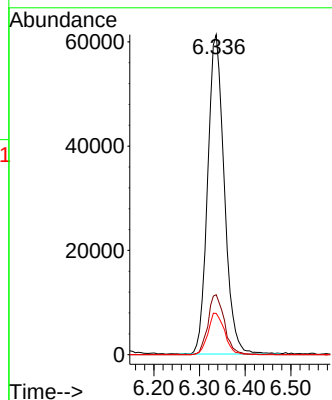
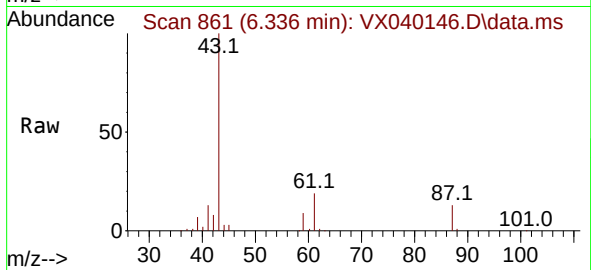
ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 154652
Ion Ratio Lower Upper
43 100
61 18.6 15.2 22.8
87 13.0 9.8 14.6

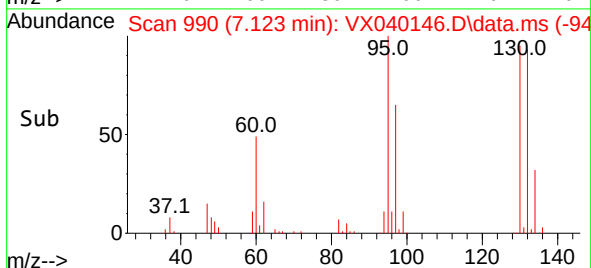
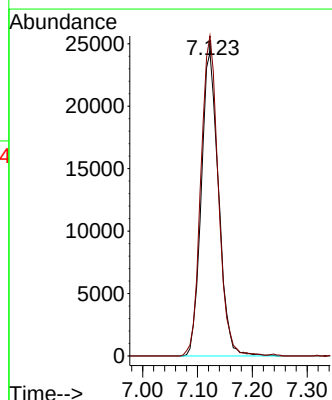
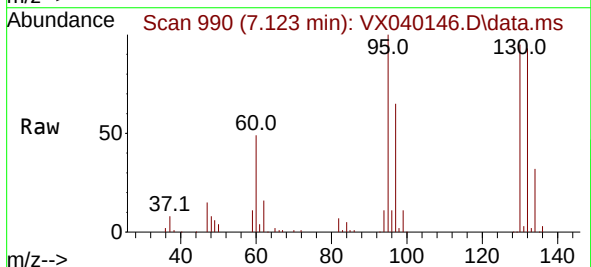
Manual Integrations
APPROVED

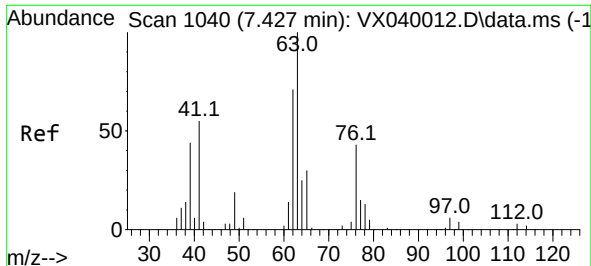
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#44
Trichloroethene
Concen: 48.057 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Tgt Ion:130 Resp: 53446
Ion Ratio Lower Upper
130 100
95 105.4 0.0 204.4





#45

1,2-Dichloropropane

Concen: 51.878 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040146.D

Acq: 07 Feb 2024 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 5788

Ion Ratio Lower Upper

63 100

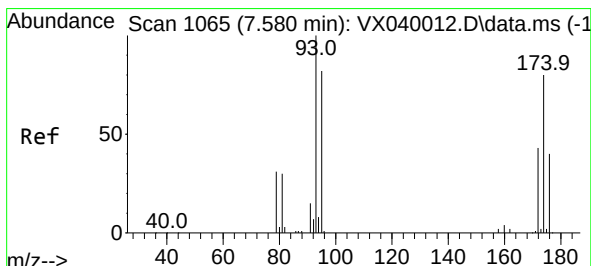
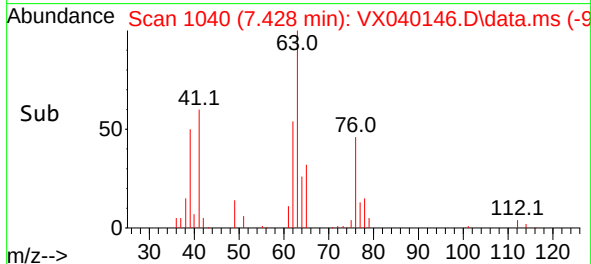
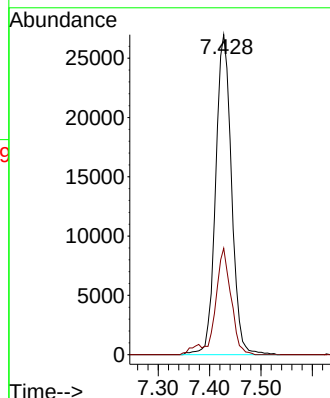
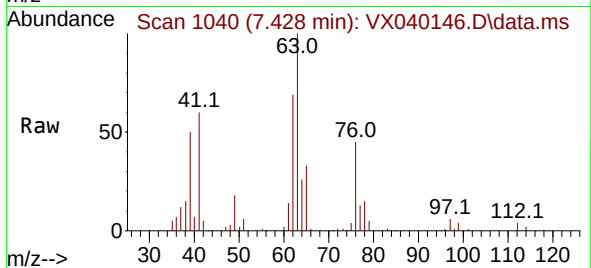
65 33.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#46

Dibromomethane

Concen: 51.649 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX040146.D

Acq: 07 Feb 2024 11:45

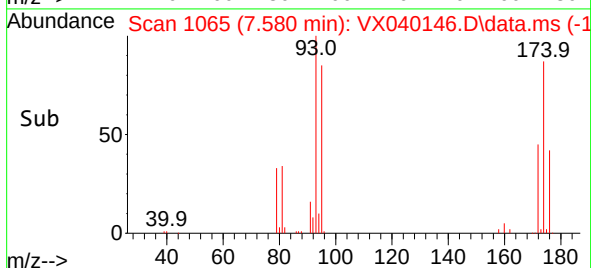
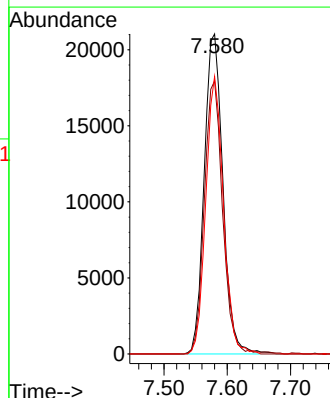
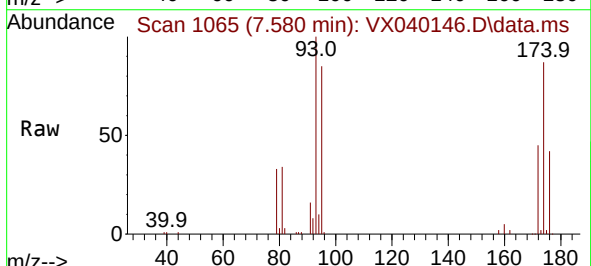
Tgt Ion: 93 Resp: 43258

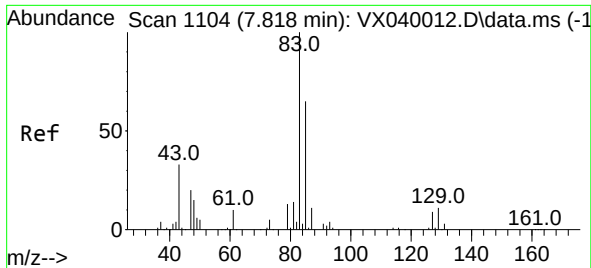
Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

174 82.0 69.4 104.0





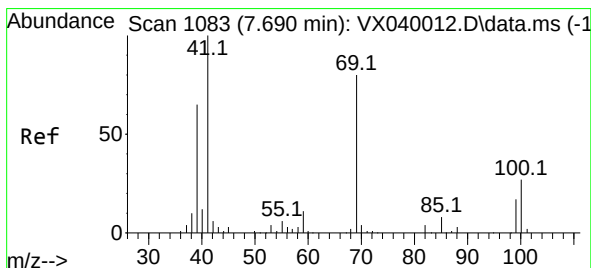
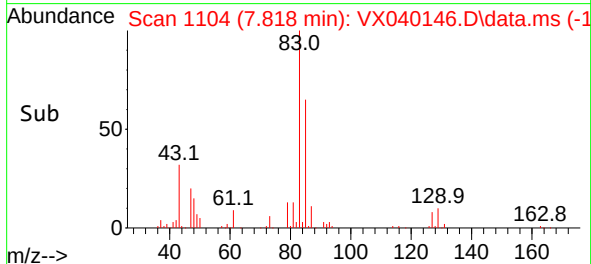
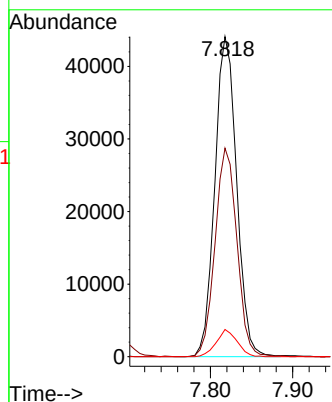
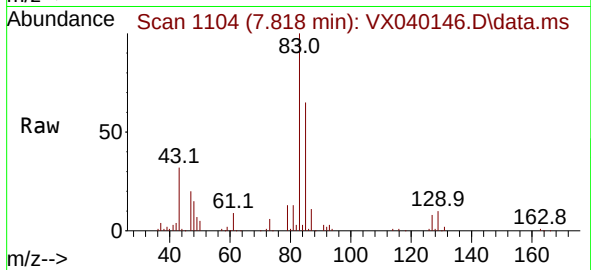
#47
Bromodichloromethane
Concen: 54.506 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 8130
Ion Ratio Lower Upper
83 100
85 65.1 49.8 74.6
127 8.5 7.1 10.7

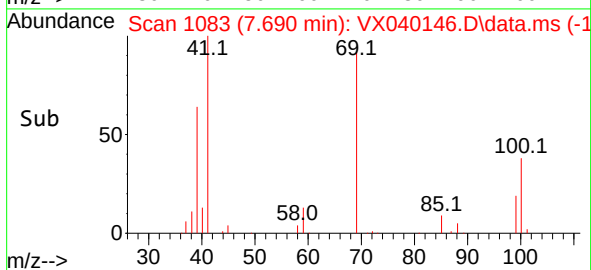
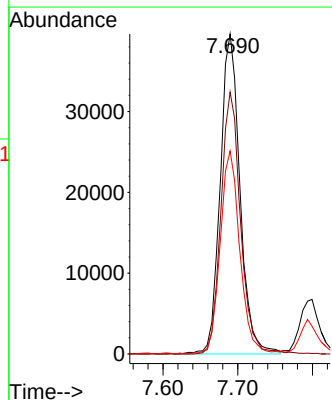
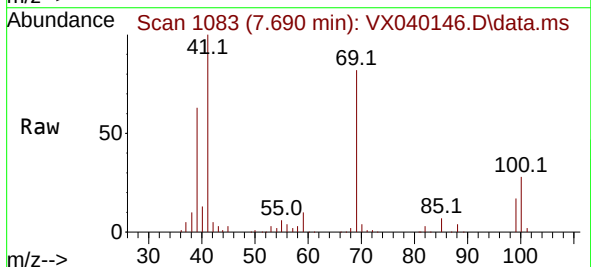
Manual Integrations
APPROVED

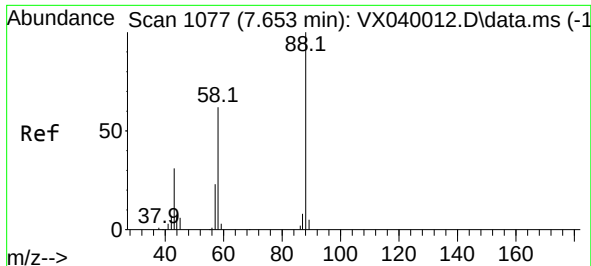
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#48
Methyl methacrylate
Concen: 59.090 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Tgt Ion: 41 Resp: 72740
Ion Ratio Lower Upper
41 100
69 81.8 59.2 88.8
39 63.3 47.7 71.5





#49

1,4-Dioxane

Concen: 1129.144 ug/l

RT: 7.659 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VX040146.D

Acq: 07 Feb 2024 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

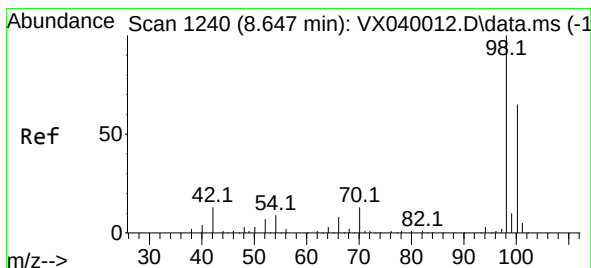
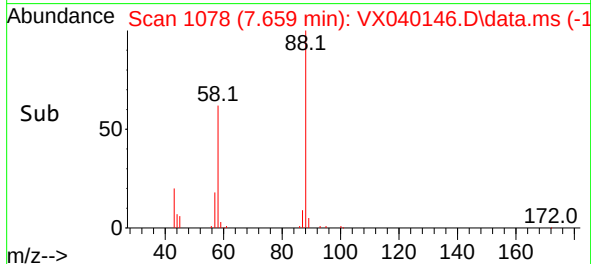
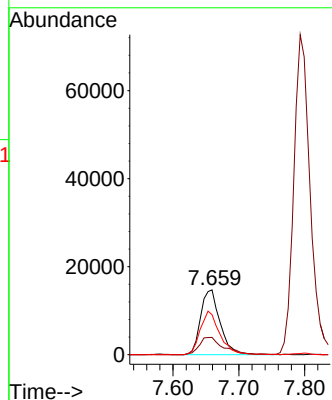
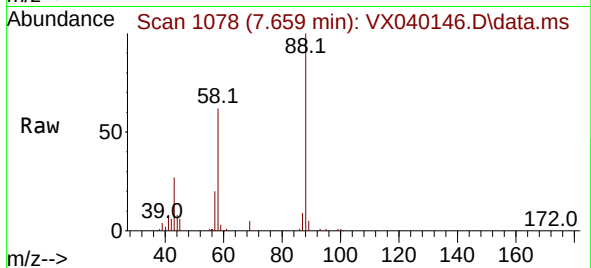
Tgt Ion: 88 Resp: 30205
 Ion Ratio Lower Upper
 88 100
 43 33.5 0.0 0.0
 58 67.5 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#50

Toluene-d8

Concen: 48.887 ug/l

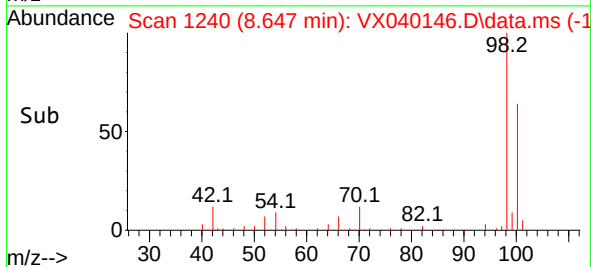
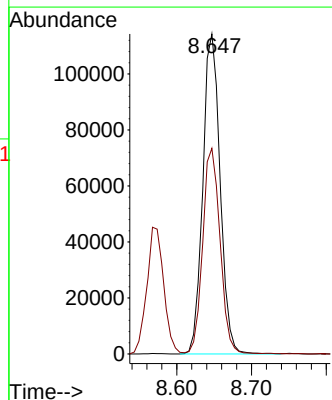
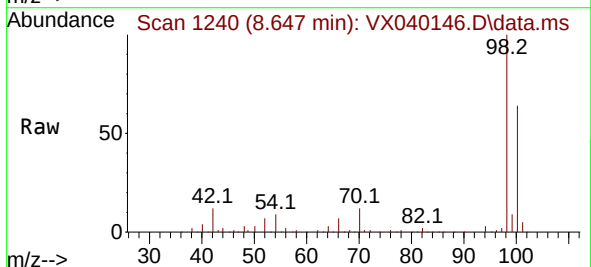
RT: 8.647 min Scan# 1240

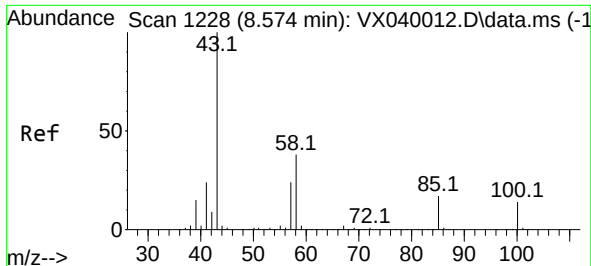
Delta R.T. 0.000 min

Lab File: VX040146.D

Acq: 07 Feb 2024 11:45

Tgt Ion: 98 Resp: 183426
 Ion Ratio Lower Upper
 98 100
 100 64.1 53.1 79.7





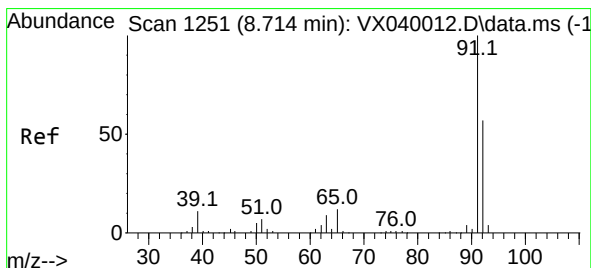
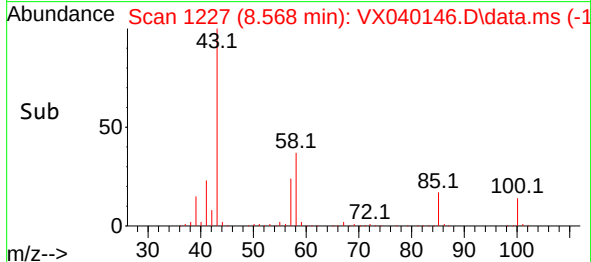
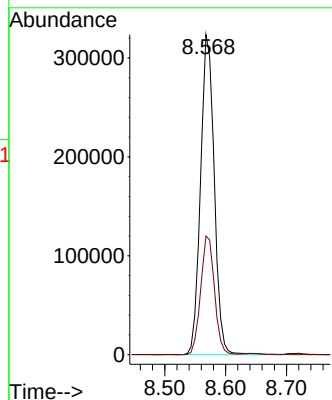
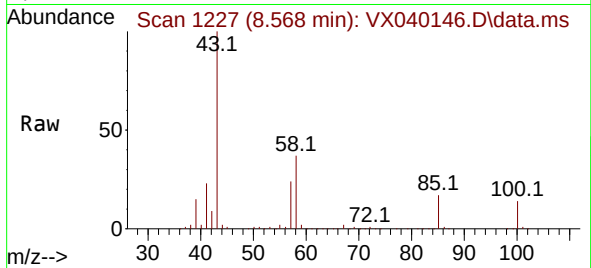
#51
4-Methyl-2-Pentanone
Concen: 296.362 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 505554
Ion Ratio Lower Upper
43 100
58 37.3 30.4 45.6

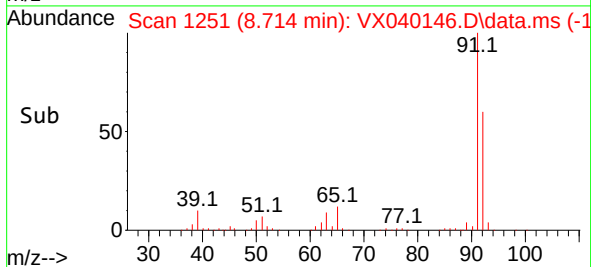
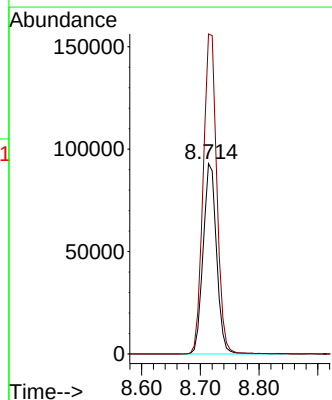
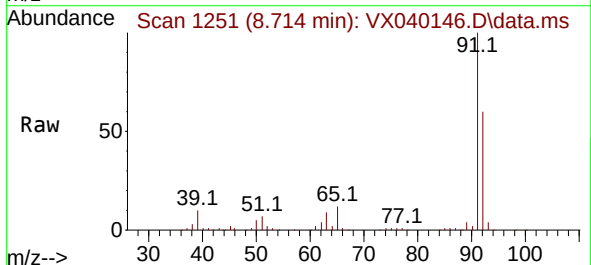
Manual Integrations
APPROVED

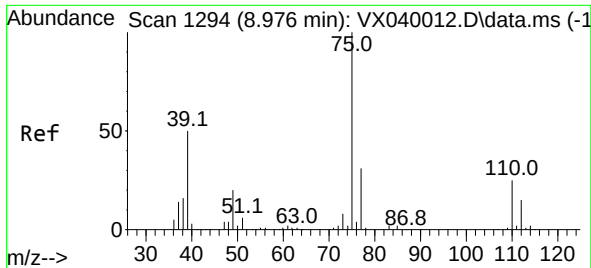
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#52
Toluene
Concen: 55.840 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Tgt Ion: 92 Resp: 147088
Ion Ratio Lower Upper
92 100
91 171.0 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 58.095 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Instrument :

MSVOA_X

ClientSampleId :

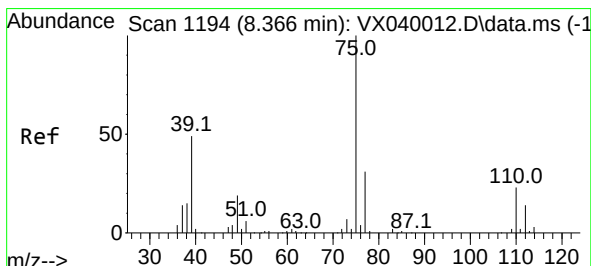
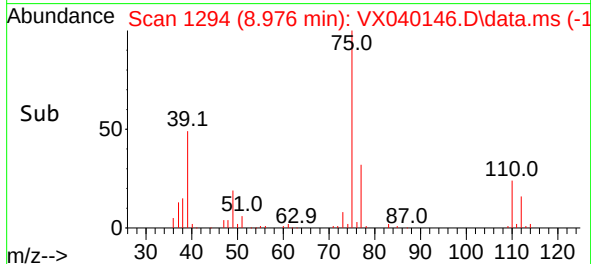
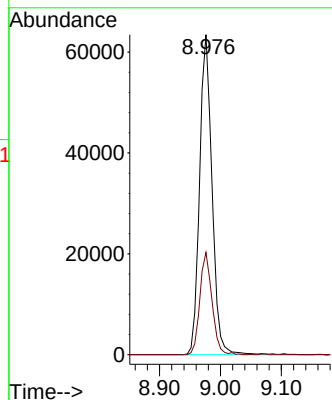
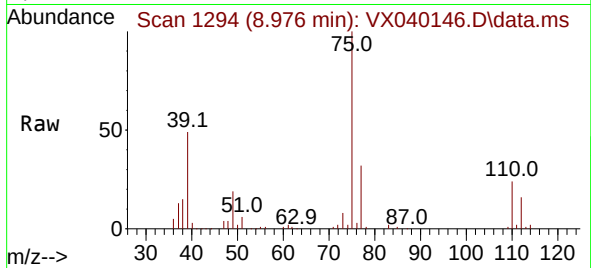
VSTDCCC050

Tgt Ion: 75 Resp: 89879
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5

Manual Integrations

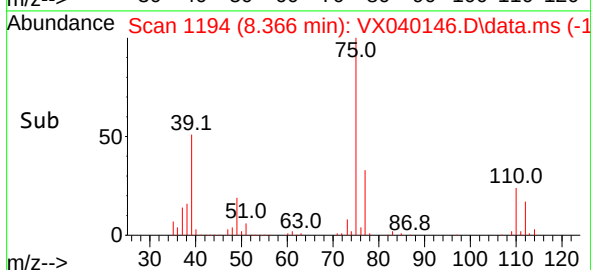
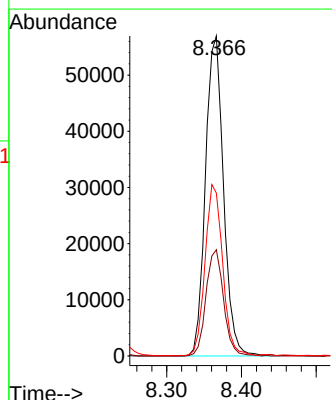
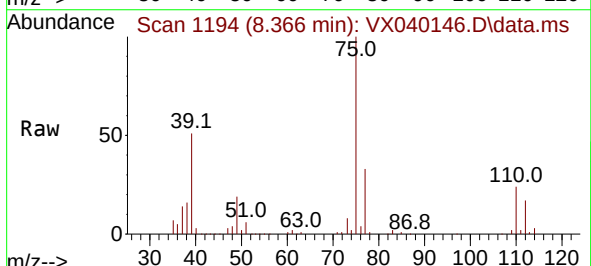
APPROVED

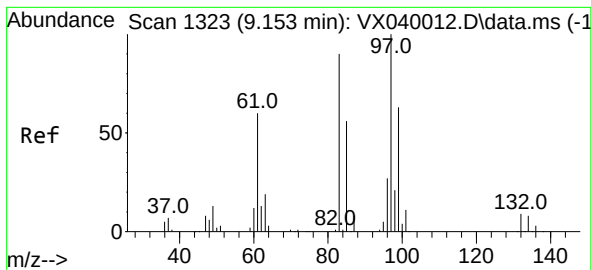
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#54
cis-1,3-Dichloropropene
Concen: 57.823 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Tgt Ion: 75 Resp: 95456
Ion Ratio Lower Upper
75 100
77 33.2 25.3 37.9
39 50.7 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 55.916 ug/l

RT: 9.147 min Scan# 1323

Delta R.T. -0.006 min

Lab File: VX040146.D

Acq: 07 Feb 2024 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 6096

Ion Ratio Lower Upper

97 100

83 84.1 65.8 98.8

85 55.7 41.6 62.4

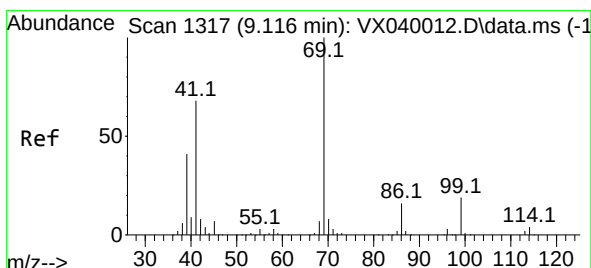
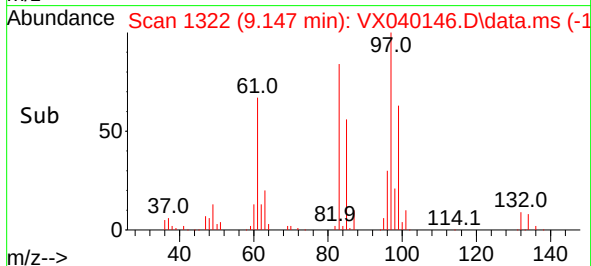
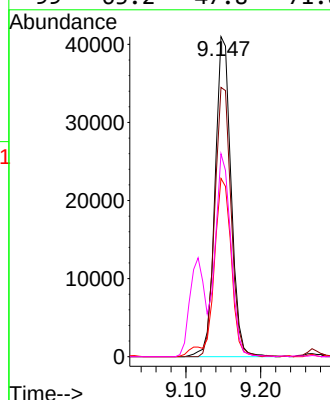
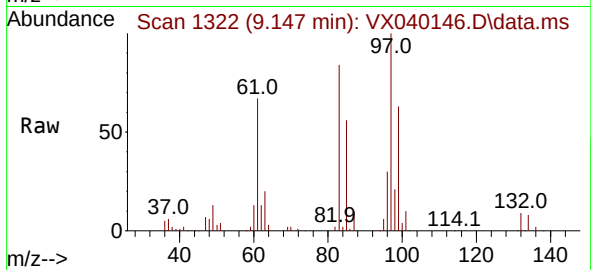
99 63.2 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#56

Ethyl methacrylate

Concen: 60.293 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX040146.D

Acq: 07 Feb 2024 11:45

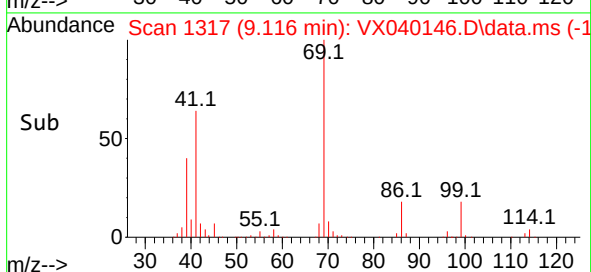
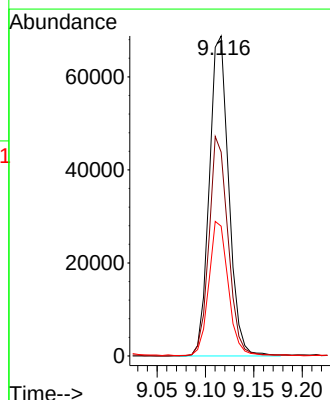
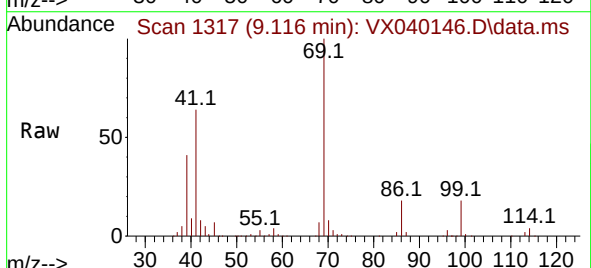
Tgt Ion: 69 Resp: 95996

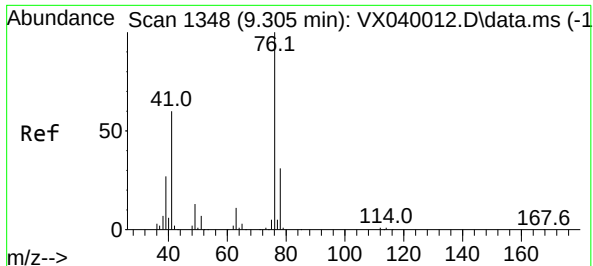
Ion Ratio Lower Upper

69 100

41 67.7 56.8 85.2

39 42.3 32.0 48.0





#57

1,3-Dichloropropane

Concen: 58.145 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040146.D

Acq: 07 Feb 2024 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 104424

Ion Ratio Lower Upper

76 100

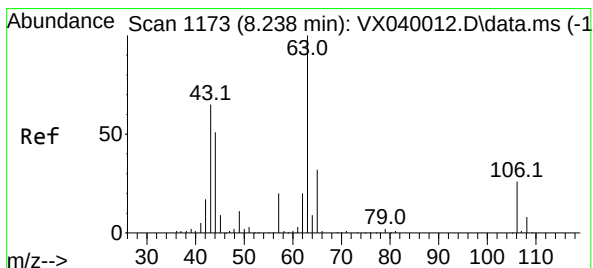
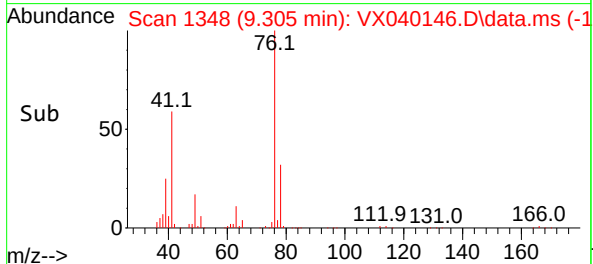
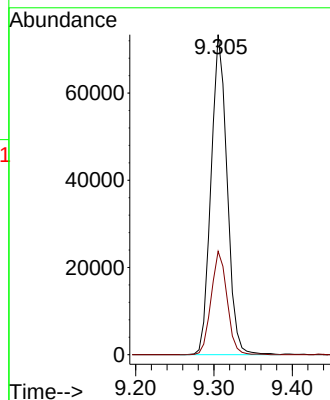
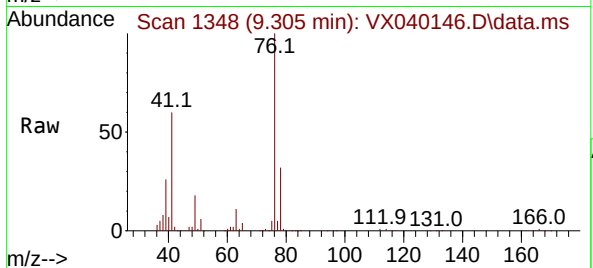
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#58

2-Chloroethyl Vinyl ether

Concen: 287.509 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX040146.D

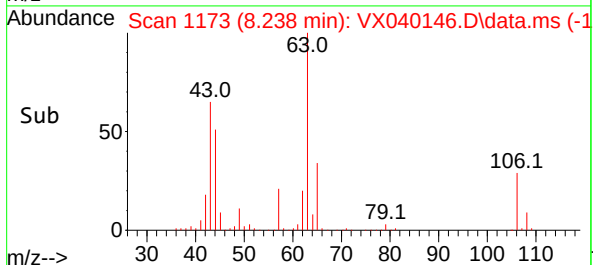
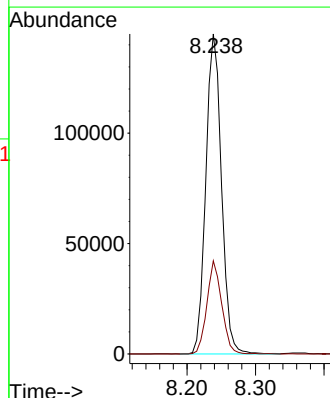
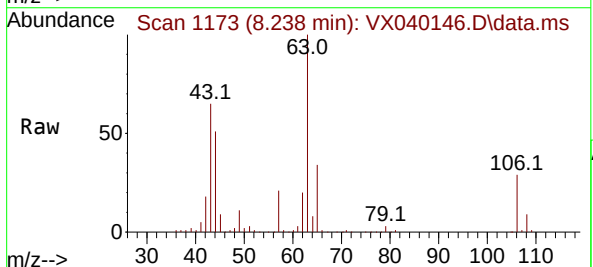
Acq: 07 Feb 2024 11:45

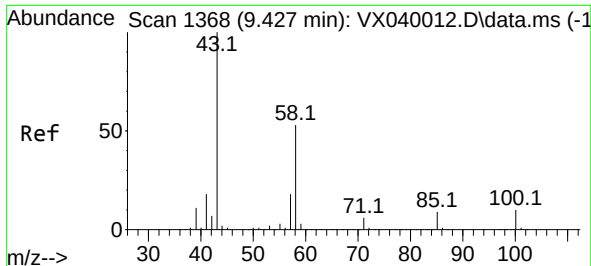
Tgt Ion: 63 Resp: 230192

Ion Ratio Lower Upper

63 100

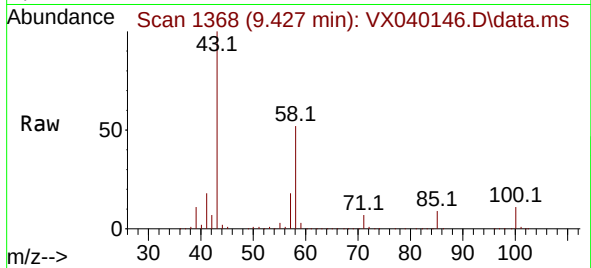
106 27.6 22.5 33.7





#59
2-Hexanone
Concen: 303.943 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

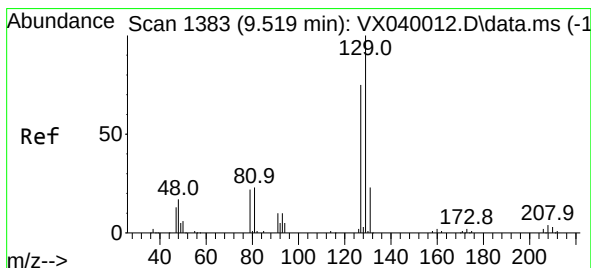
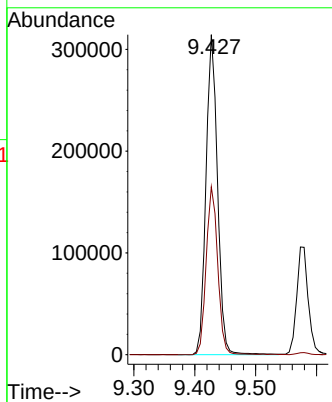
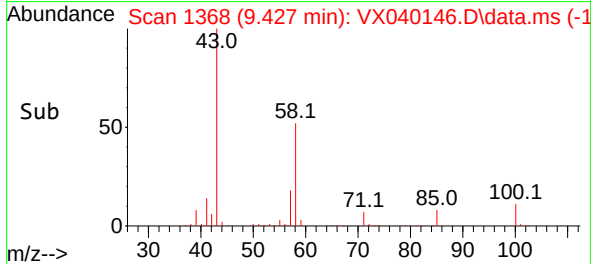
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 413395
Ion Ratio Lower Upper
43 100
58 52.7 26.2 78.5

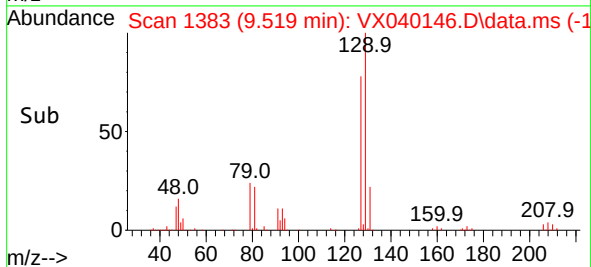
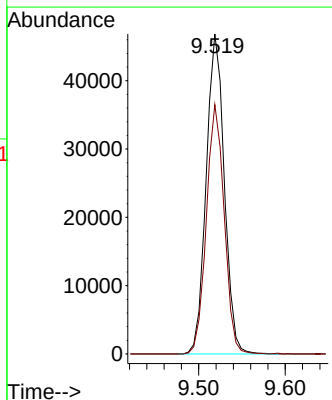
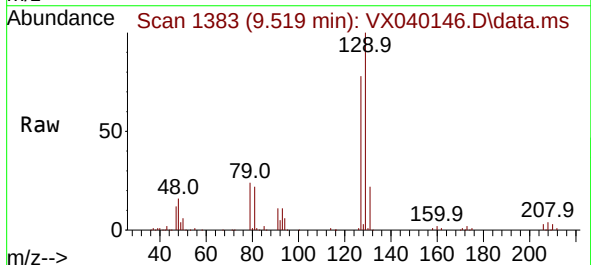
Manual Integrations
APPROVED

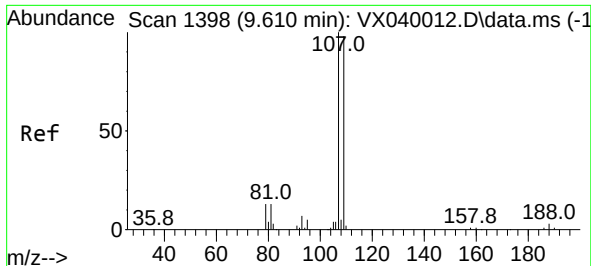
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#60
Dibromochloromethane
Concen: 62.123 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Tgt Ion:129 Resp: 68060
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 60.134 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

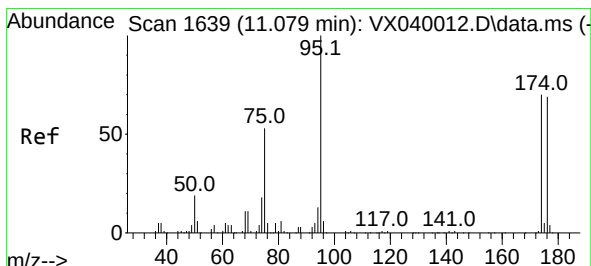
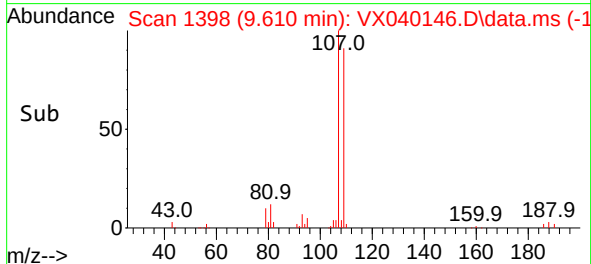
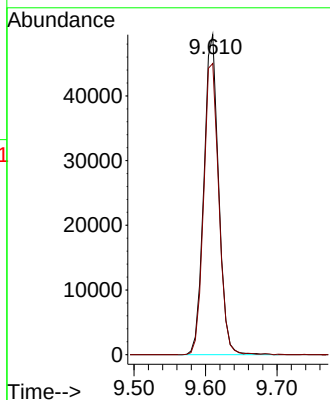
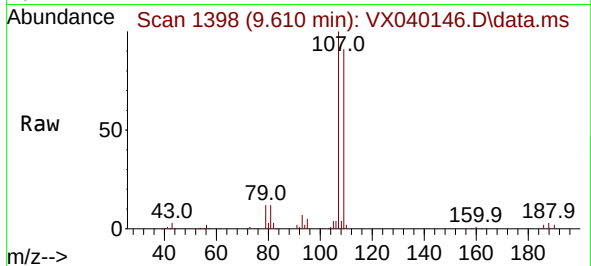
Tgt Ion:107 Resp: 70884
Ion Ratio Lower Upper
107 100
109 93.7 75.2 112.8

Manual Integrations

APPROVED

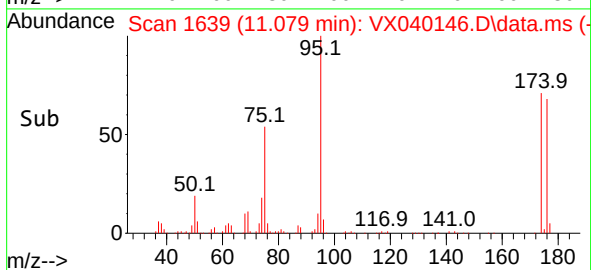
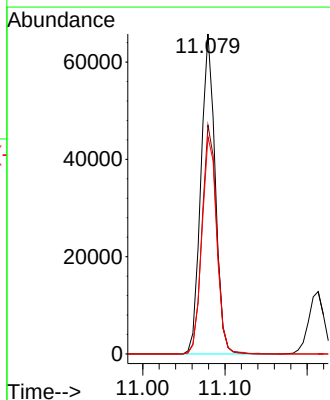
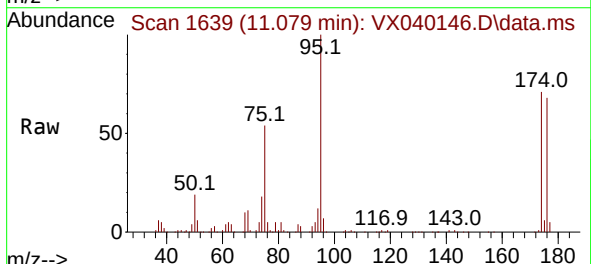
Reviewed By :John Carlone 02/07/2024

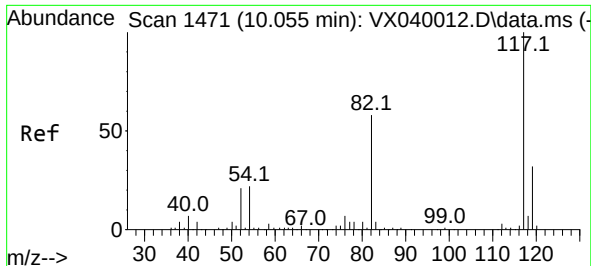
Supervised By :Semsettin Yesilyurt 02/08/2024



#62
4-Bromofluorobenzene
Concen: 55.088 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

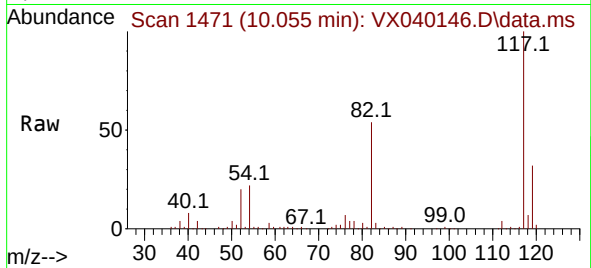
Tgt Ion: 95 Resp: 79587
Ion Ratio Lower Upper
95 100
174 73.2 0.0 135.6
176 70.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

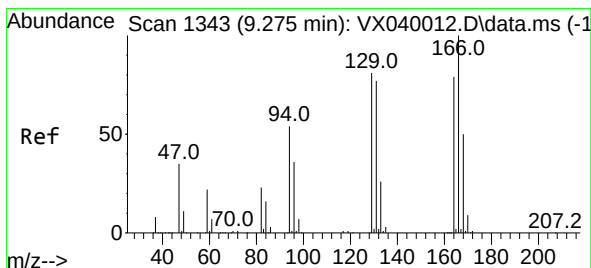
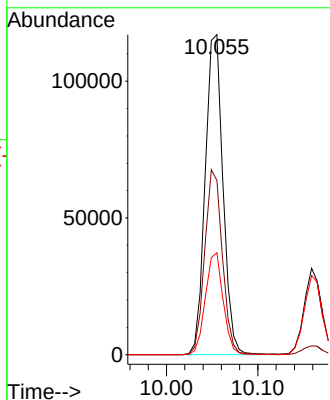
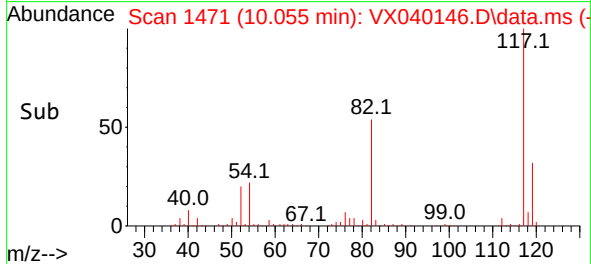
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 157772
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.4
119 31.8 25.5 38.3

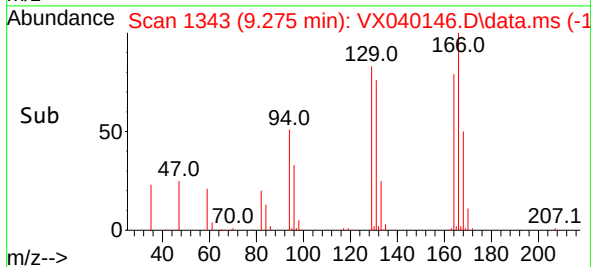
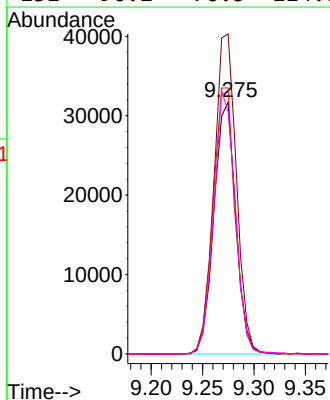
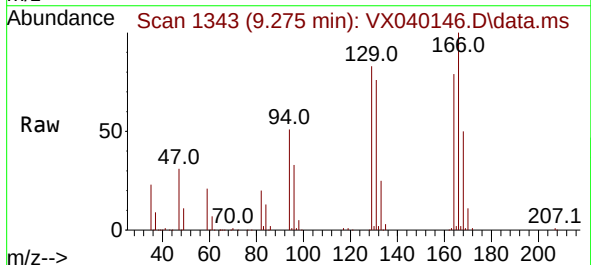
Manual Integrations
APPROVED

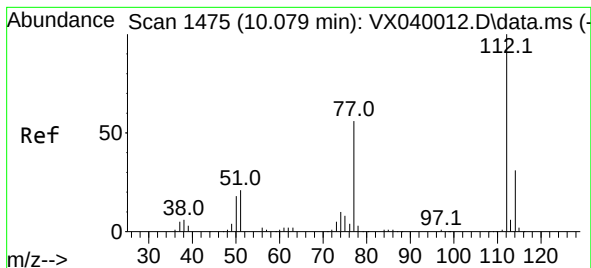
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#64
Tetrachloroethene
Concen: 45.615 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

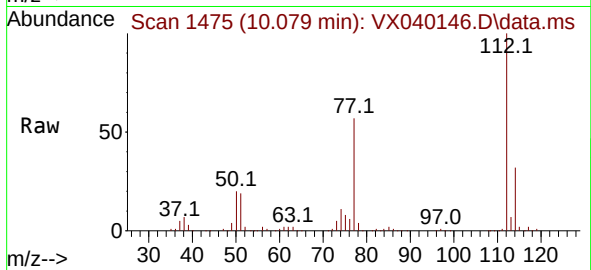
Tgt Ion:164 Resp: 46828
Ion Ratio Lower Upper
164 100
166 127.1 102.7 154.1
129 105.7 80.4 120.6
131 96.2 76.5 114.7





#65
Chlorobenzene
Concen: 47.630 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

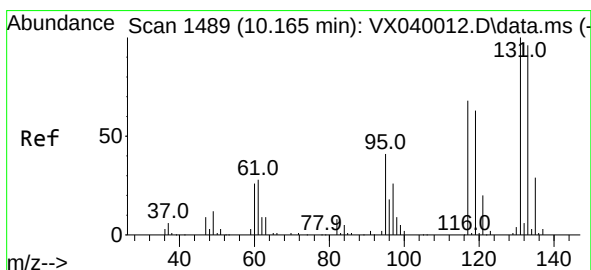
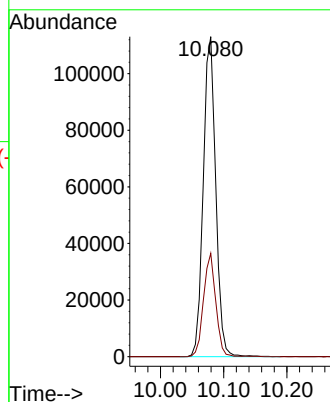
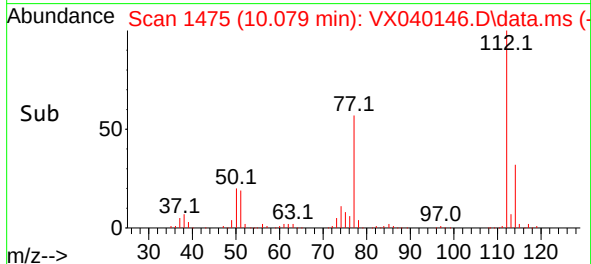
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 155320
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

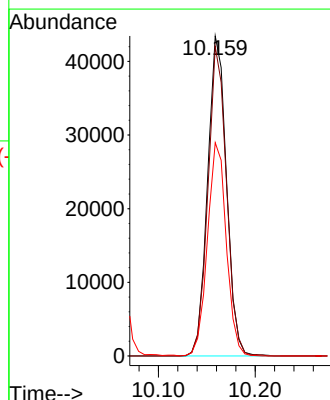
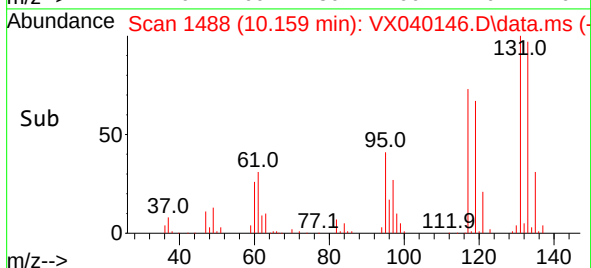
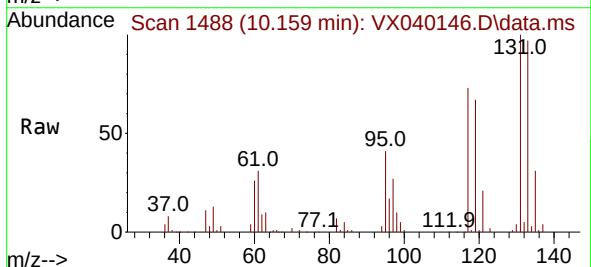
Manual Integrations
APPROVED

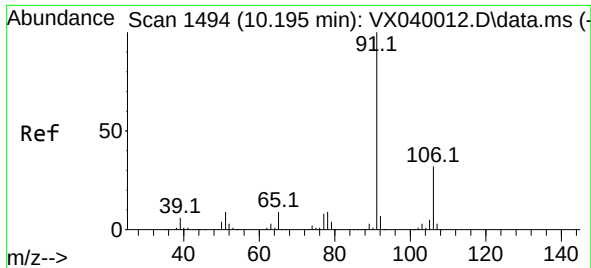
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 53.569 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Tgt Ion:131 Resp: 58996
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 66.6 32.2 96.6





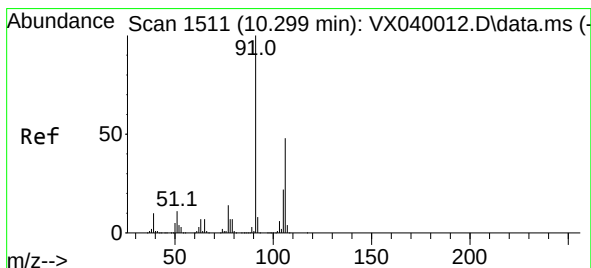
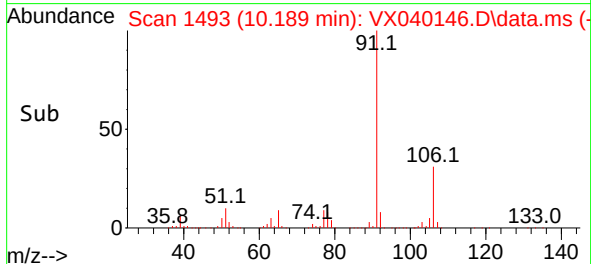
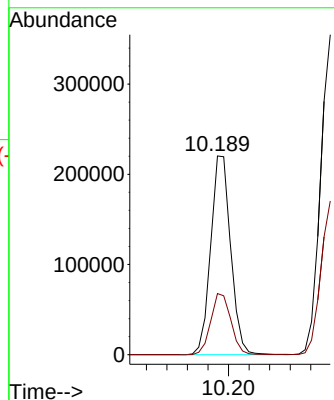
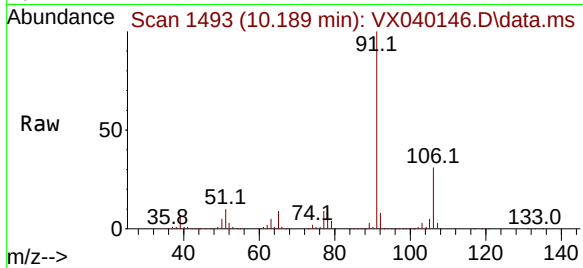
#67
Ethyl Benzene
Concen: 50.972 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 29824
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

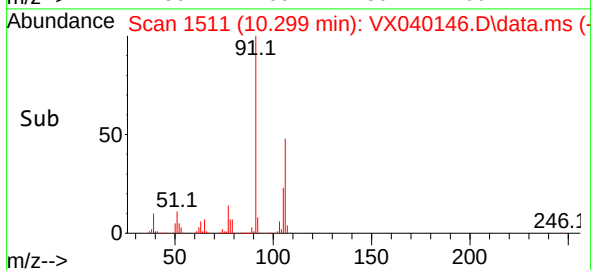
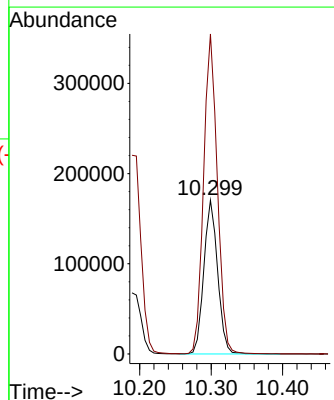
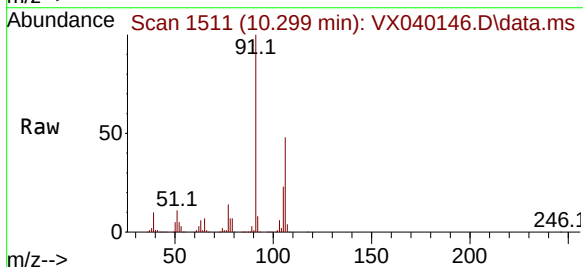
Manual Integrations
APPROVED

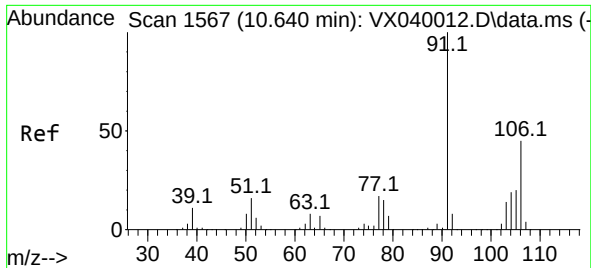
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#68
m/p-Xylenes
Concen: 103.876 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Tgt Ion:106 Resp: 228656
Ion Ratio Lower Upper
106 100
91 207.0 165.5 248.3





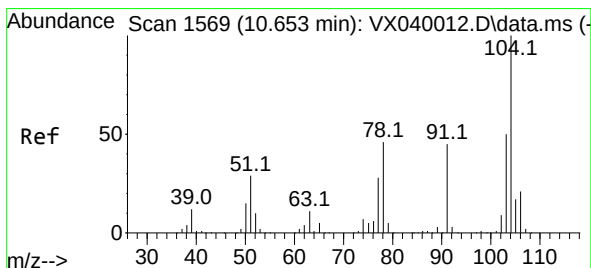
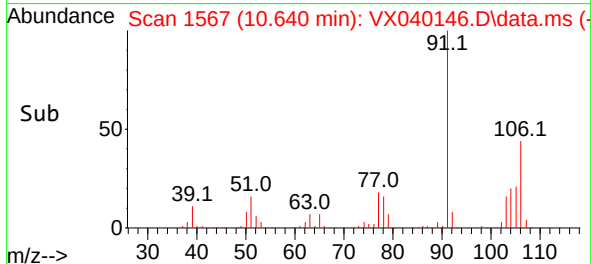
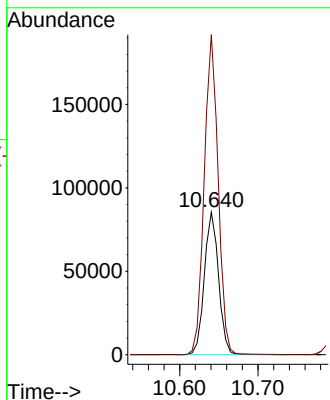
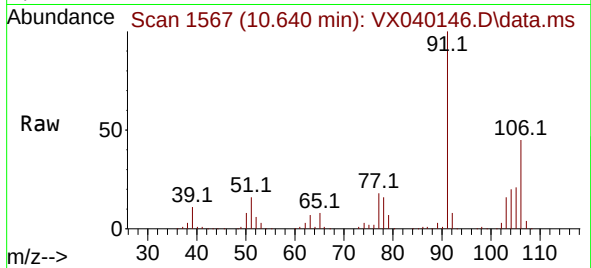
#69
o-Xylene
Concen: 51.309 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 10713
Ion Ratio Lower Upper
106 100
91 220.8 108.9 326.8

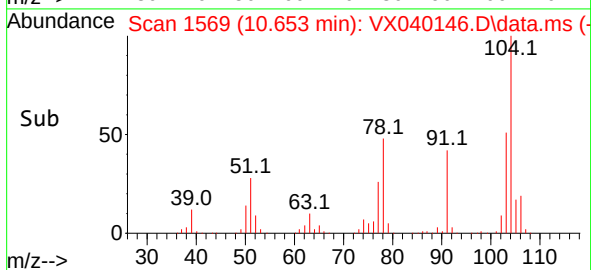
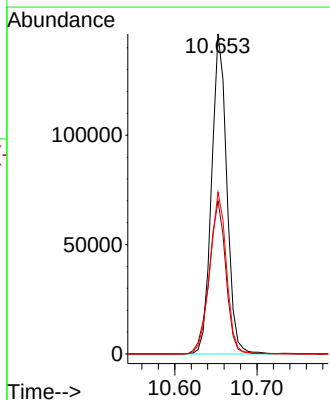
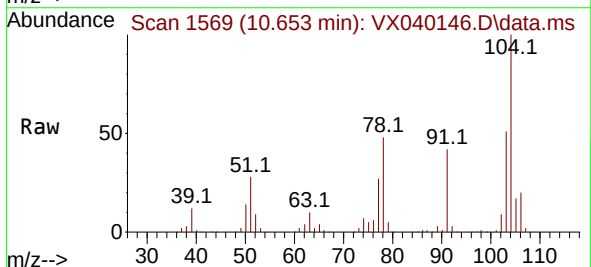
Manual Integrations
APPROVED

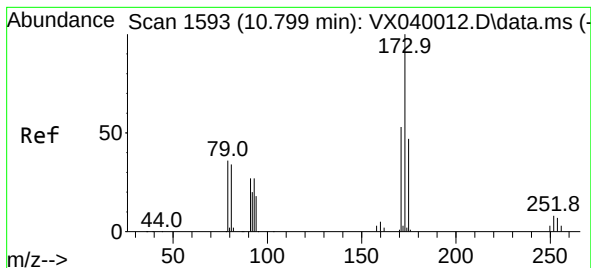
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#70
Styrene
Concen: 53.572 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Tgt Ion:104 Resp: 188527
Ion Ratio Lower Upper
104 100
78 52.7 43.6 65.4
103 54.9 43.6 65.4





#71

Bromoform

Concen: 52.937 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040146.D

Acq: 07 Feb 2024 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

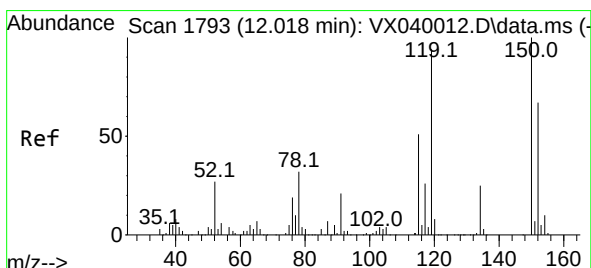
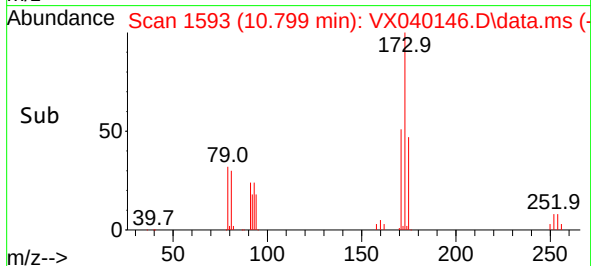
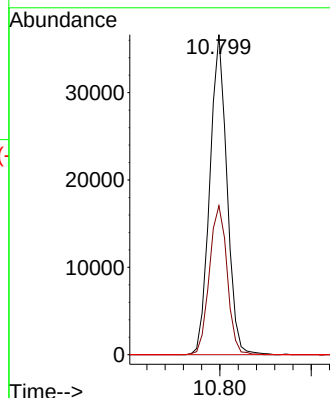
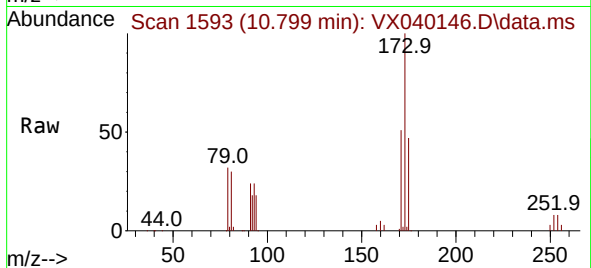
Tgt Ion:	173	Resp:	4751
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

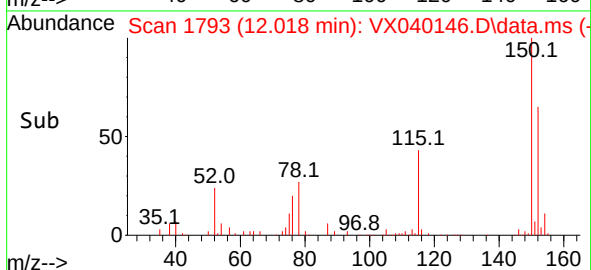
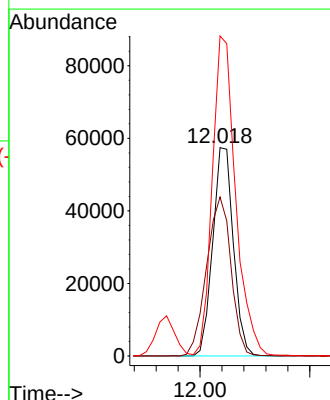
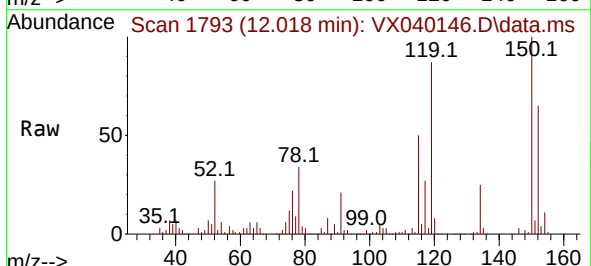
RT: 12.018 min Scan# 1793

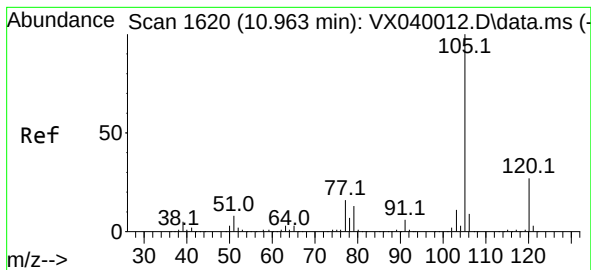
Delta R.T. 0.000 min

Lab File: VX040146.D

Acq: 07 Feb 2024 11:45

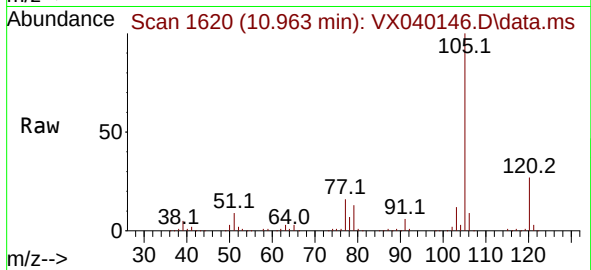
Tgt Ion:	152	Resp:	75180
Ion Ratio	Lower	Upper	
152	100		
115	90.0	43.3	129.9
150	172.7	0.0	345.0





#73
Isopropylbenzene
Concen: 49.757 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

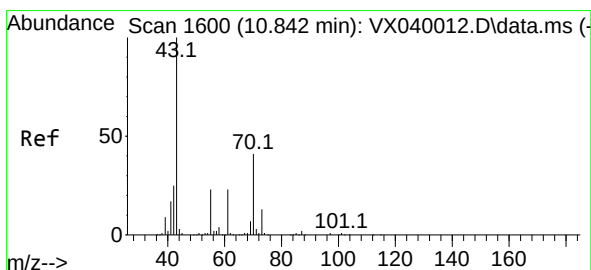
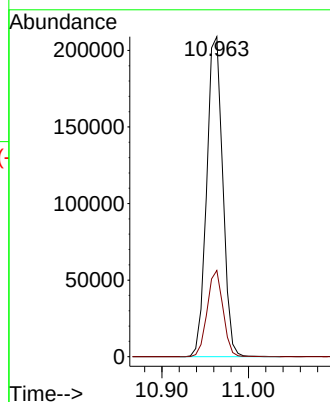
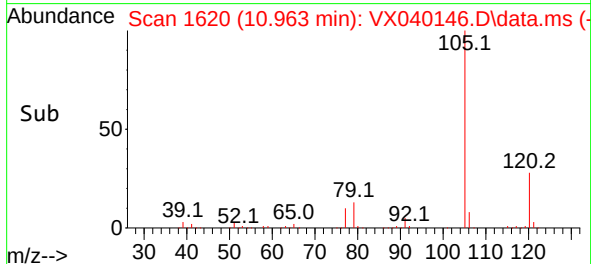
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 26861
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6

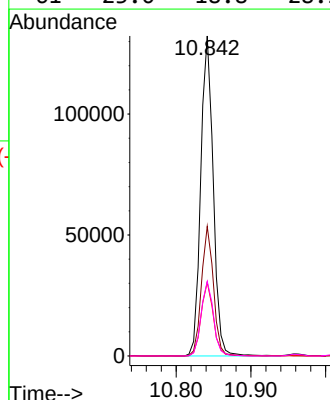
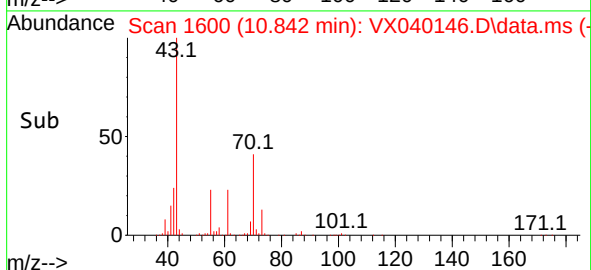
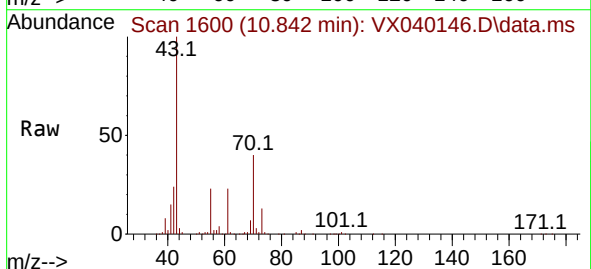
Manual Integrations
APPROVED

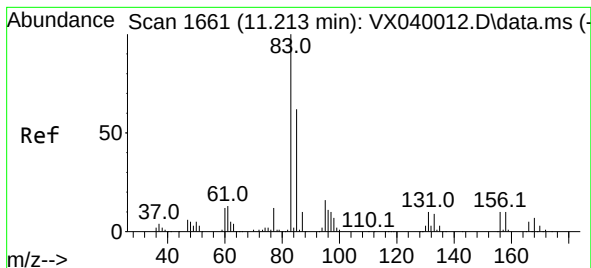
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#74
N-ethyl acetate
Concen: 59.055 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Tgt Ion: 43 Resp: 153386
Ion Ratio Lower Upper
43 100
70 39.1 32.9 49.3
55 22.6 19.3 28.9
61 23.0 18.8 28.2





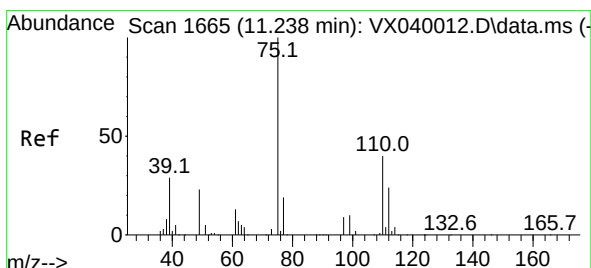
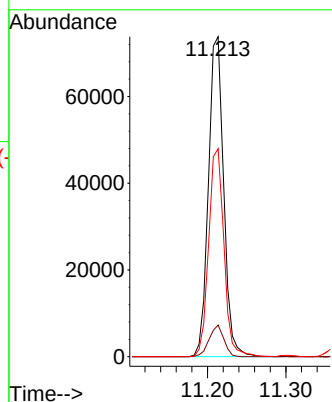
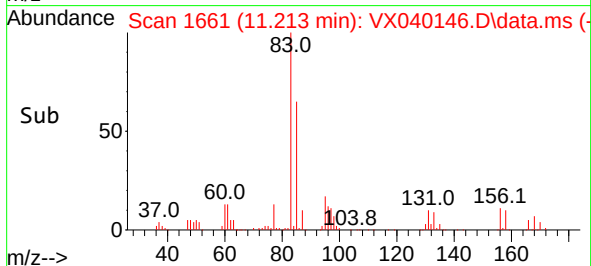
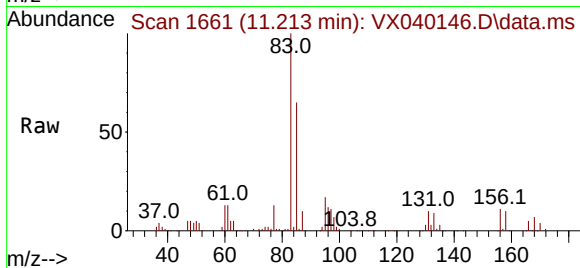
#75
1,1,2,2-Tetrachloroethane
Concen: 49.010 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 99475
Ion Ratio Lower Upper
83 100
131 9.5 5.3 15.8
85 65.2 32.0 96.2

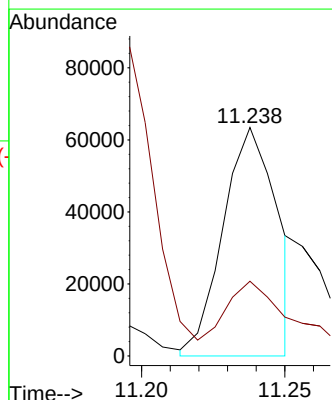
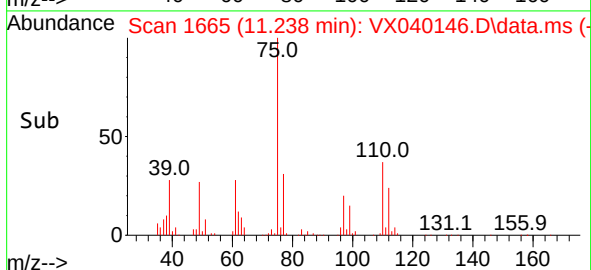
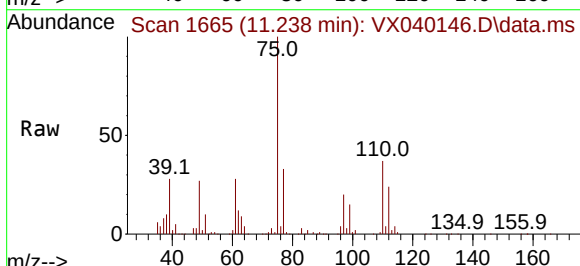
Manual Integrations
APPROVED

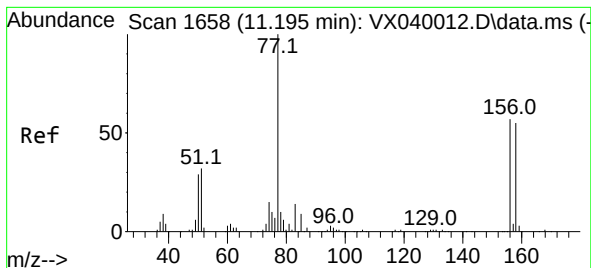
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#76
1,2,3-Trichloropropane
Concen: 52.159 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Tgt Ion: 75 Resp: 83505
Ion Ratio Lower Upper
75 100
77 41.7 19.1 57.5





#77

Bromobenzene

Concen: 53.116 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040146.D

Acq: 07 Feb 2024 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

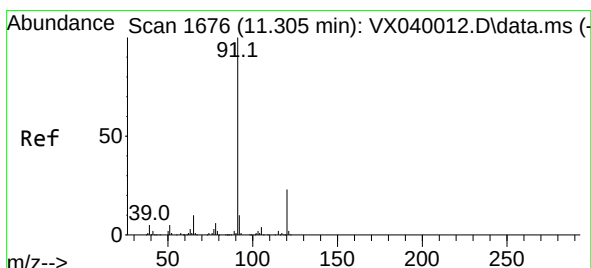
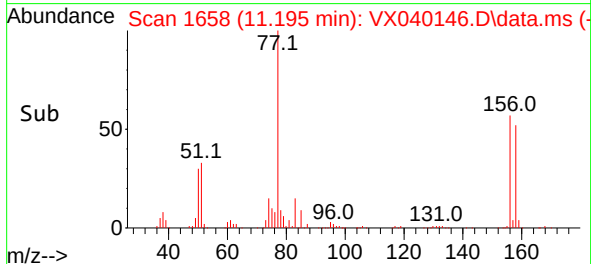
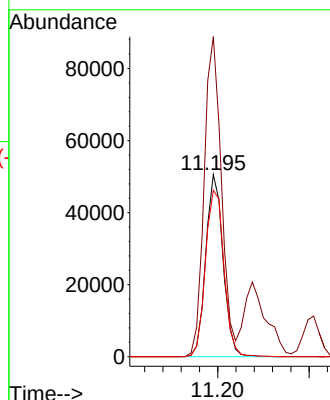
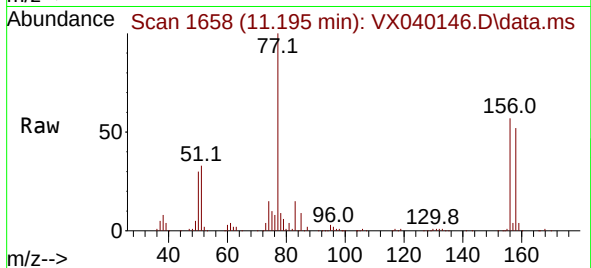
Tgt Ion:	156	Resp:	6614
Ion Ratio	Lower	Upper	
156	100		
77	175.2	88.4	265.3
158	97.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#78

n-propylbenzene

Concen: 51.750 ug/l

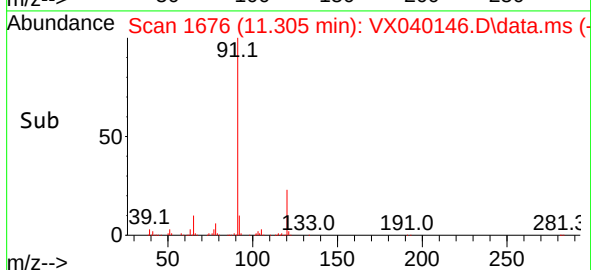
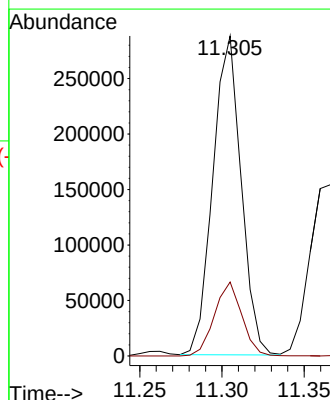
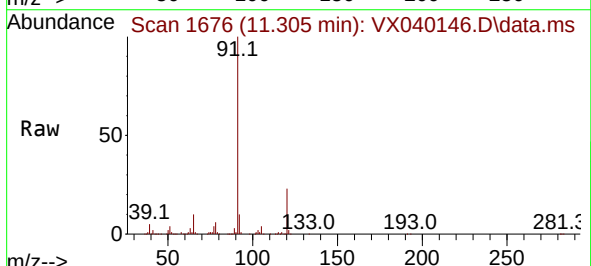
RT: 11.305 min Scan# 1676

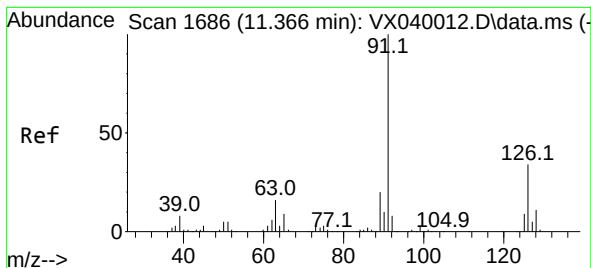
Delta R.T. 0.000 min

Lab File: VX040146.D

Acq: 07 Feb 2024 11:45

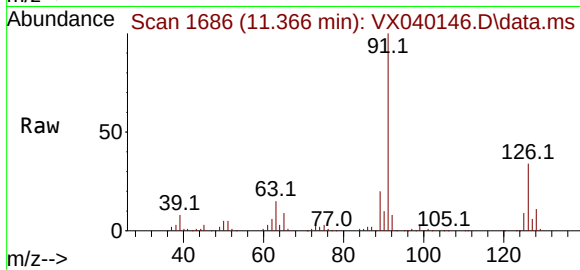
Tgt Ion:	91	Resp:	343792
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.5	34.4





#79
2-Chlorotoluene
Concen: 51.577 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

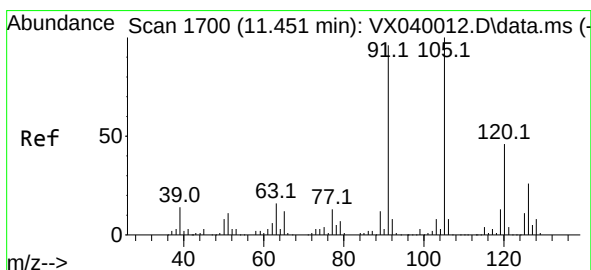
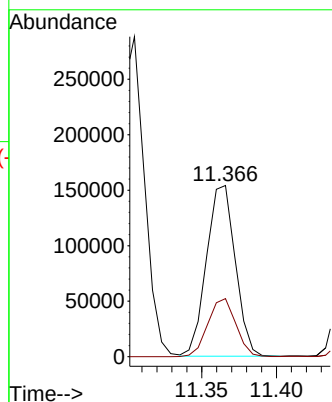
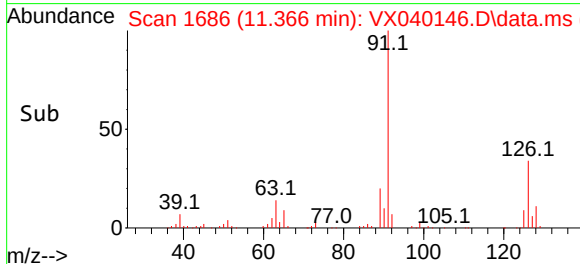
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



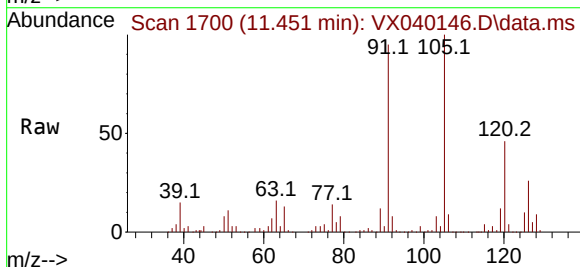
Tgt Ion: 91 Resp: 206274
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8

Manual Integrations
APPROVED

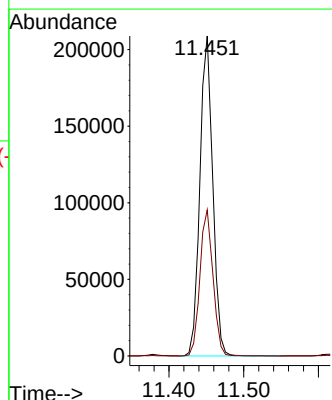
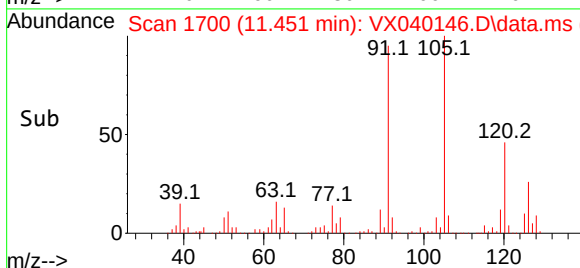
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024

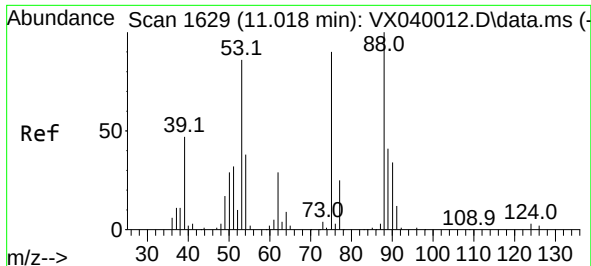


#80
1,3,5-Trimethylbenzene
Concen: 53.756 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45



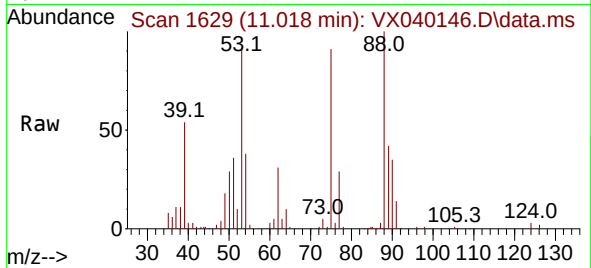
Tgt Ion:105 Resp: 249465
Ion Ratio Lower Upper
105 100
120 46.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 56.584 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

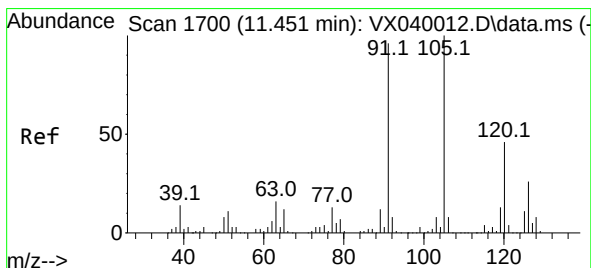
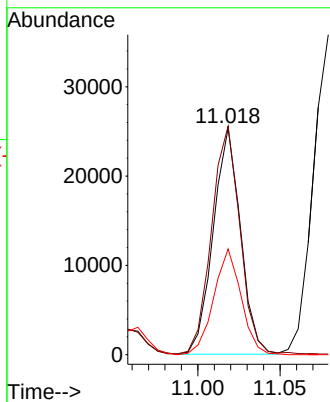
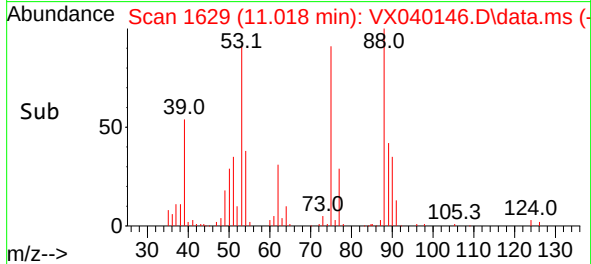
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 29250
Ion Ratio Lower Upper
75 100
53 106.3 90.5 135.7
89 46.9 36.9 55.3

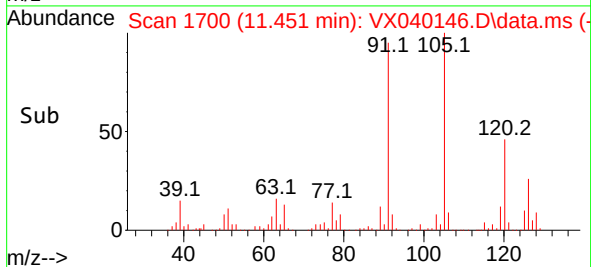
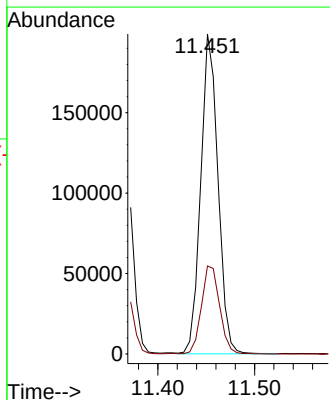
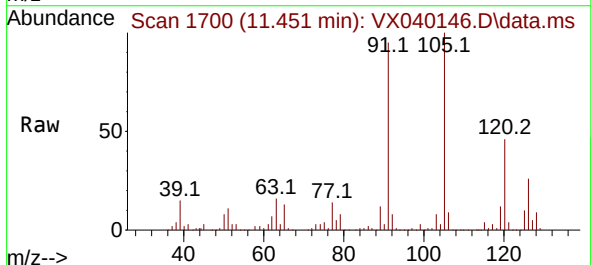
Manual Integrations
APPROVED

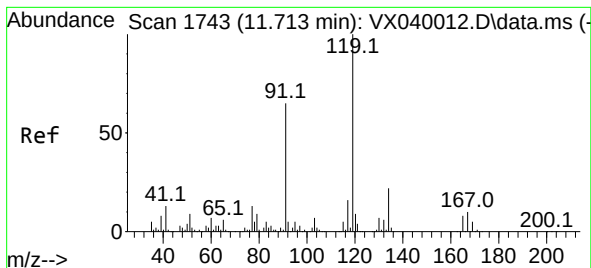
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#82
4-Chlorotoluene
Concen: 53.707 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Tgt Ion: 91 Resp: 246531
Ion Ratio Lower Upper
91 100
126 29.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 52.956 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040146.D

Acq: 07 Feb 2024 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 23516

Ion Ratio Lower Upper

119 100

91 62.2 31.2 93.6

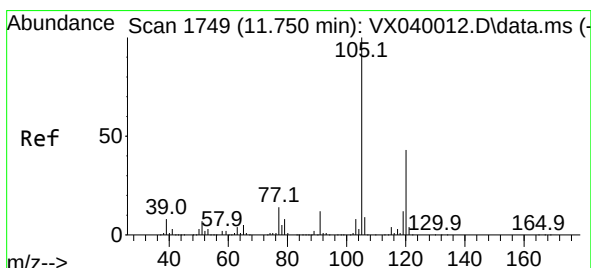
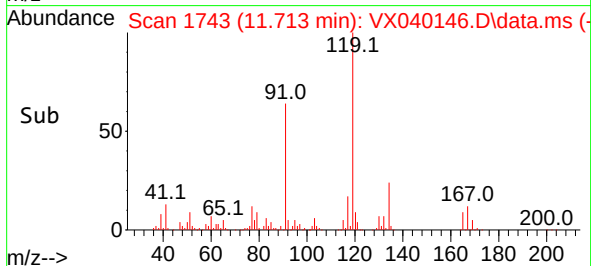
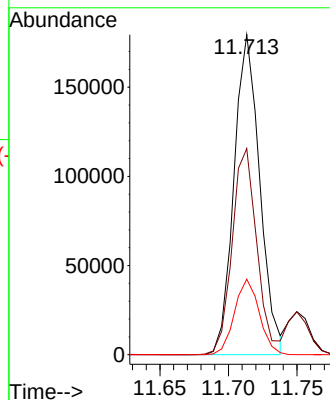
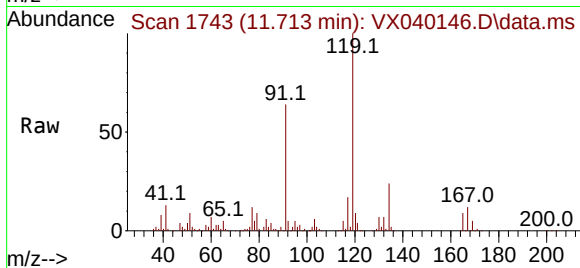
134 22.7 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#84

1,2,4-Trimethylbenzene

Concen: 55.185 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040146.D

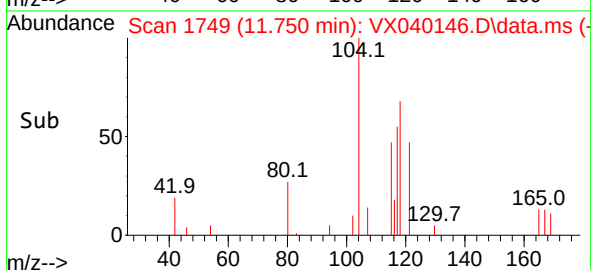
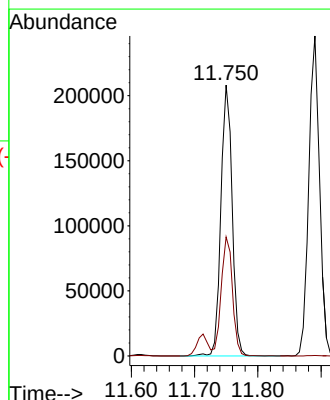
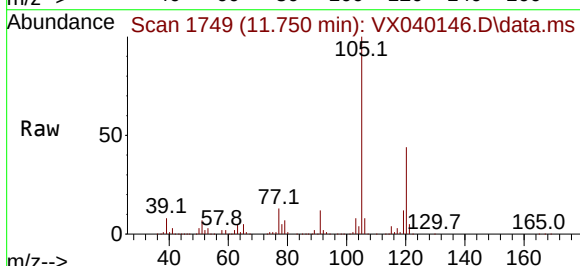
Acq: 07 Feb 2024 11:45

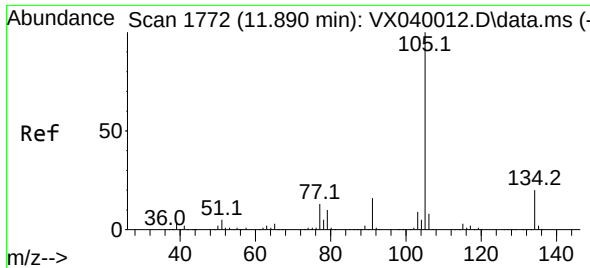
Tgt Ion:105 Resp: 255547

Ion Ratio Lower Upper

105 100

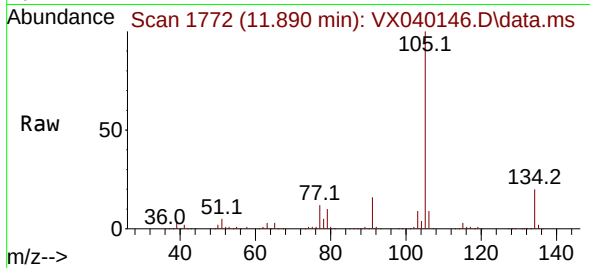
120 43.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 49.482 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040146.D
 Acq: 07 Feb 2024 11:45

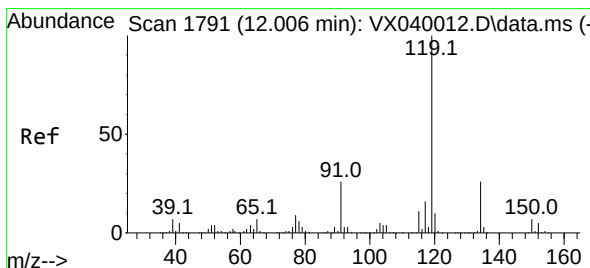
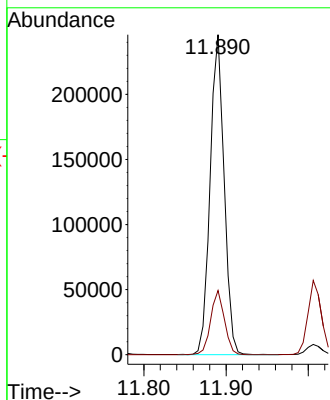
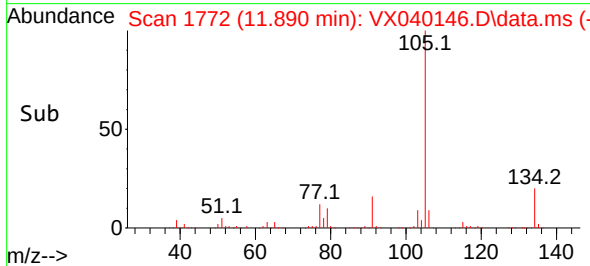
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 291118
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

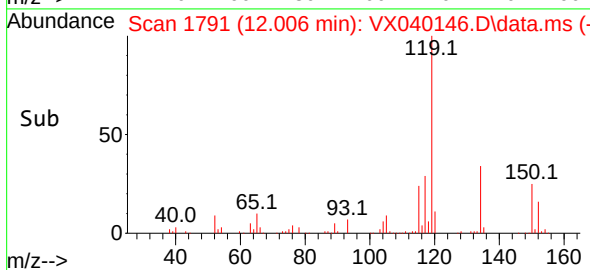
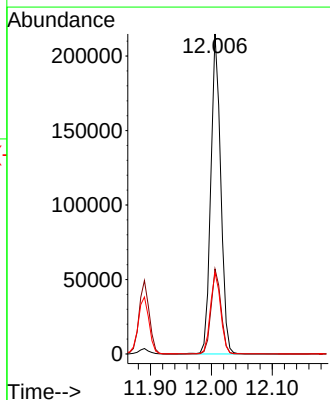
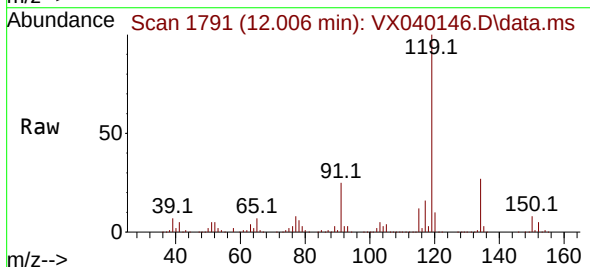
Manual Integrations
 APPROVED

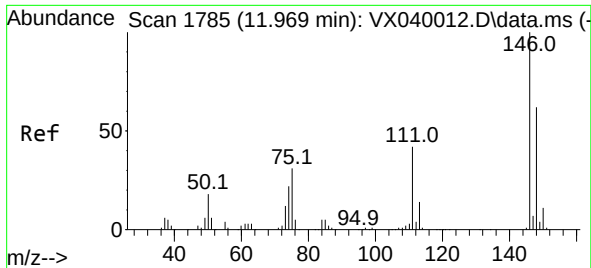
Reviewed By :John Carlone 02/07/2024
 Supervised By :Semsettin Yesilyurt 02/08/2024



#86
 p-Isopropyltoluene
 Concen: 50.624 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040146.D
 Acq: 07 Feb 2024 11:45

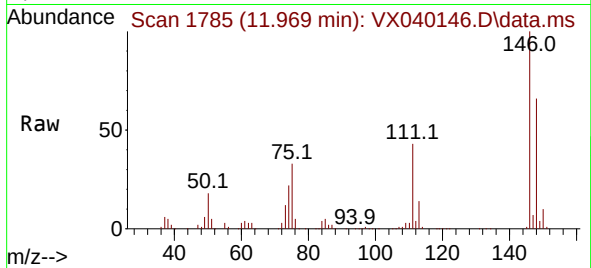
Tgt Ion:119 Resp: 243211
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.8 38.3
 91 26.1 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 54.524 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

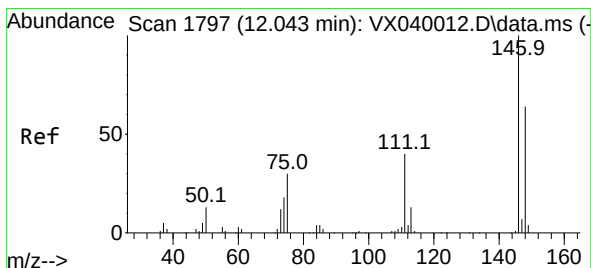
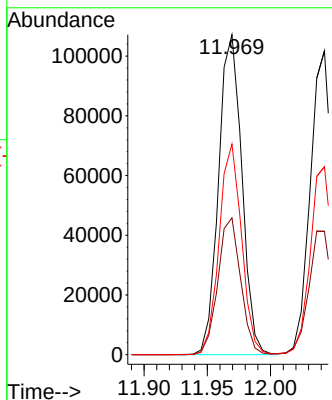
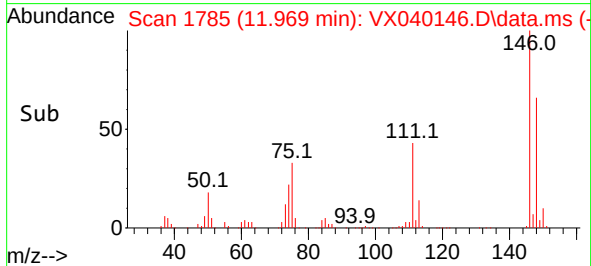
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



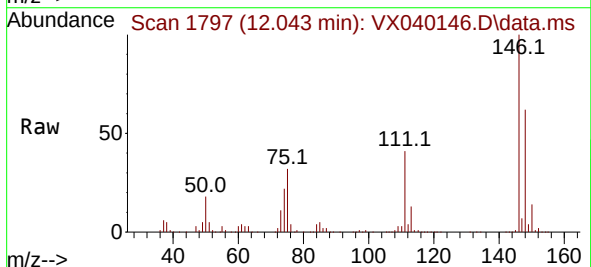
Tgt Ion:146 Resp: 136979
Ion Ratio Lower Upper
146 100
111 42.0 22.1 66.1
148 63.6 31.8 95.3

Manual Integrations
APPROVED

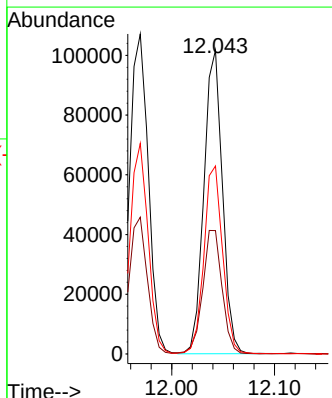
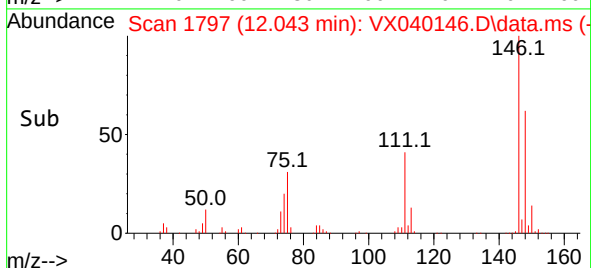
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024

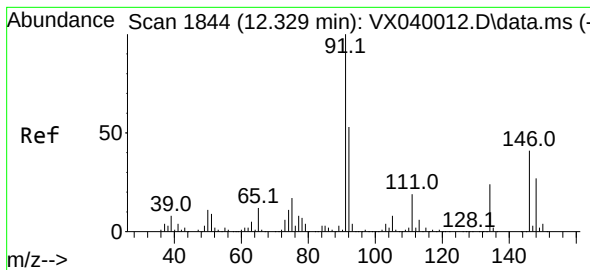


#88
1,4-Dichlorobenzene
Concen: 49.450 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45



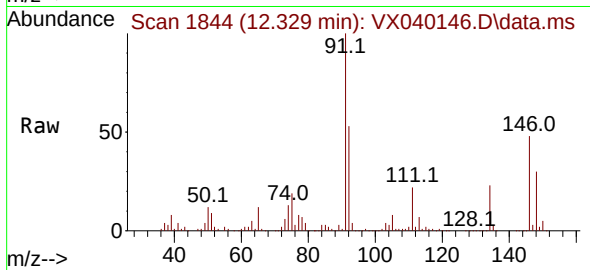
Tgt Ion:146 Resp: 127166
Ion Ratio Lower Upper
146 100
111 42.6 21.3 63.7
148 62.6 31.8 95.4





#89
n-Butylbenzene
Concen: 45.972 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

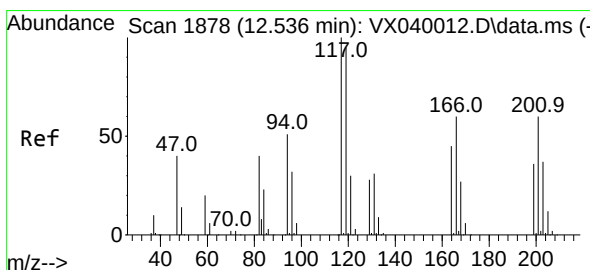
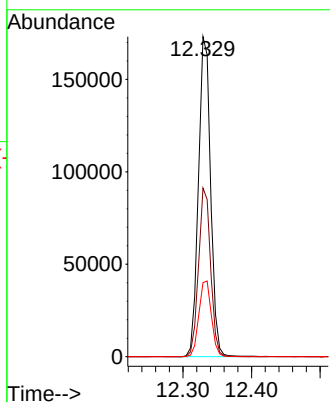
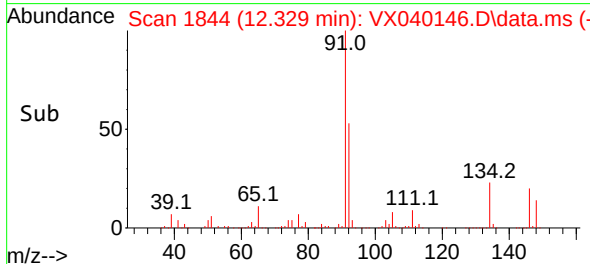
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 214372
Ion Ratio Lower Upper
91 100
92 52.1 27.4 82.0
134 24.3 12.6 37.8

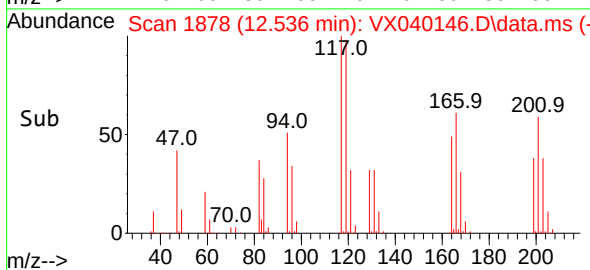
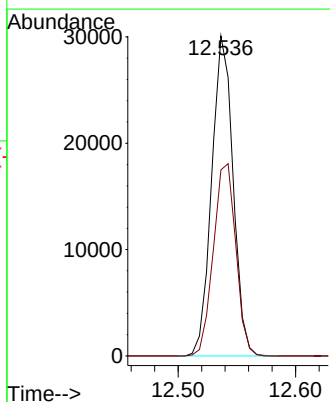
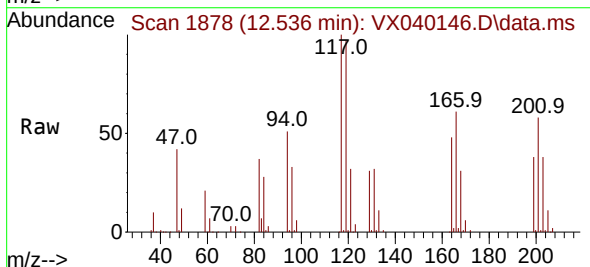
Manual Integrations
APPROVED

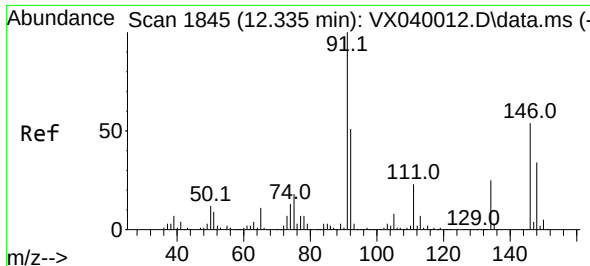
Reviewed By :John Carlone 02/07/2024
Supervised By :Semsettin Yesilyurt 02/08/2024



#90
Hexachloroethane
Concen: 48.636 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Tgt Ion:117 Resp: 38086
Ion Ratio Lower Upper
117 100
201 63.3 32.9 98.6





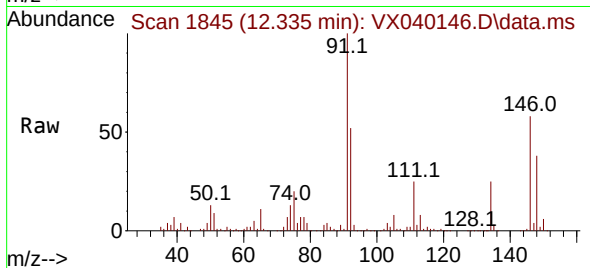
#91
1,2-Dichlorobenzene
Concen: 50.031 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



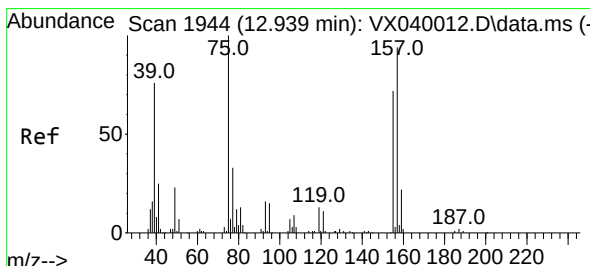
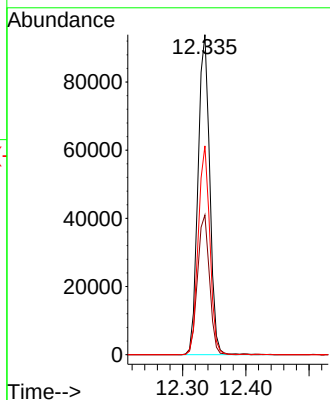
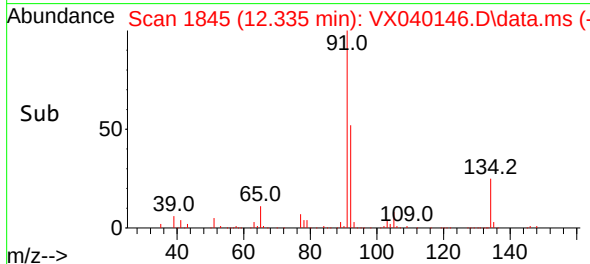
Tgt Ion:146 Resp: 121180
Ion Ratio Lower Upper
146 100
111 44.5 22.4 67.0
148 64.7 31.6 95.0

Manual Integrations

APPROVED

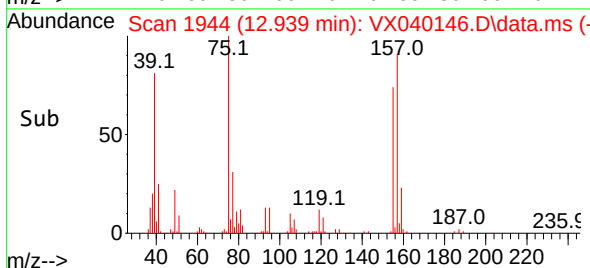
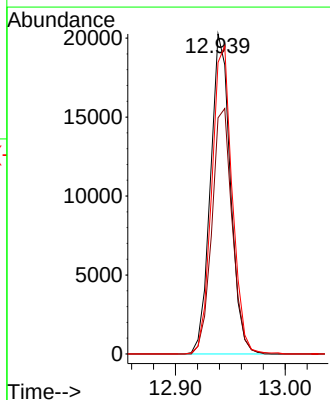
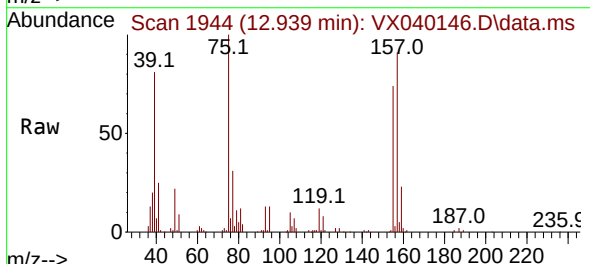
Reviewed By :John Carlone 02/07/2024

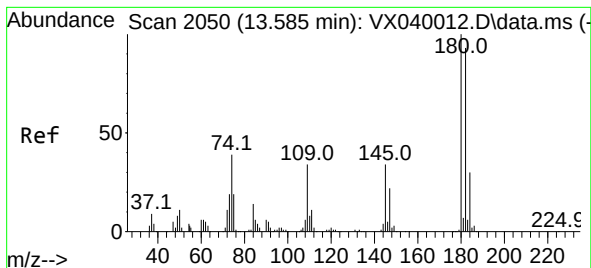
Supervised By :Semsettin Yesilyurt 02/08/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.697 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX040146.D
Acq: 07 Feb 2024 11:45

Tgt Ion: 75 Resp: 25625
Ion Ratio Lower Upper
75 100
155 78.2 36.1 108.5
157 98.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 55.412 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040146.D

Acq: 07 Feb 2024 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

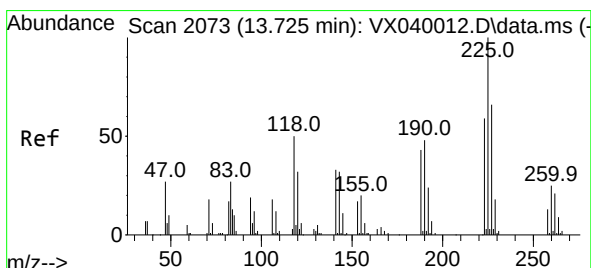
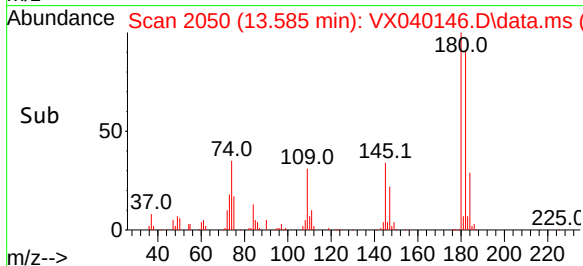
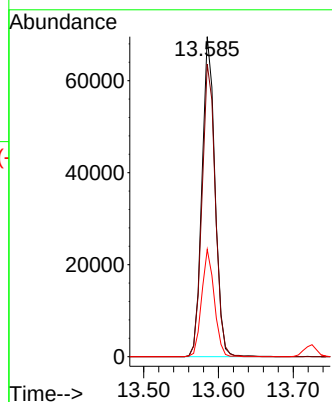
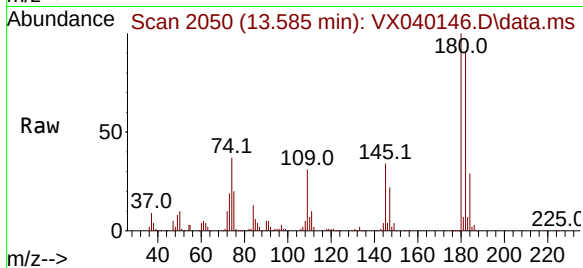
Tgt Ion:180	Resp:	8390
Ion Ratio	Lower	Upper
180	100	
182	93.6	48.3 144.8
145	32.5	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#94

Hexachlorobutadiene

Concen: 47.159 ug/l

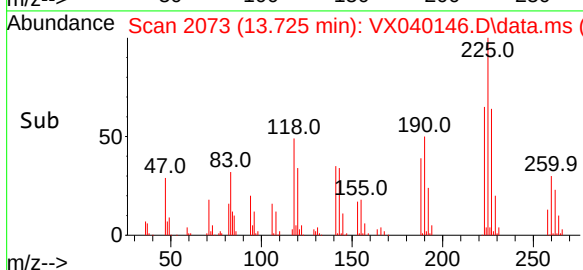
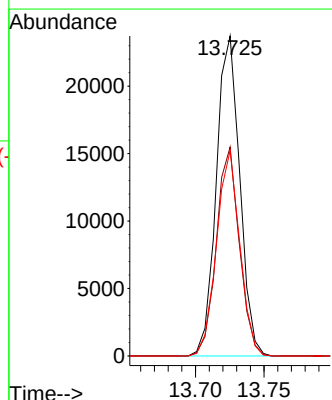
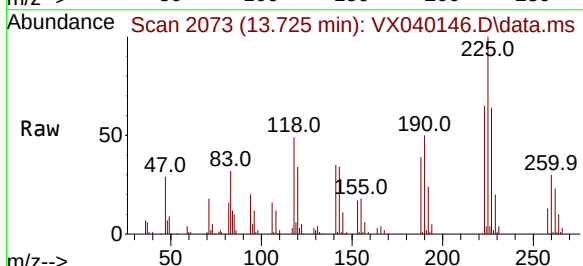
RT: 13.725 min Scan# 2073

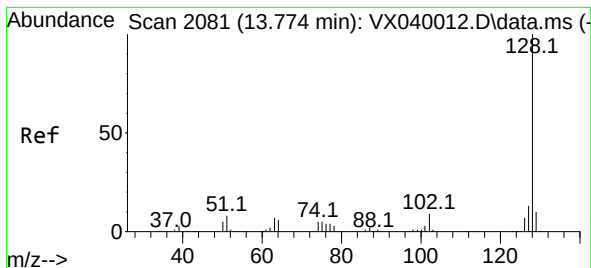
Delta R.T. 0.000 min

Lab File: VX040146.D

Acq: 07 Feb 2024 11:45

Tgt Ion:225	Resp:	28128
Ion Ratio	Lower	Upper
225	100	
223	63.9	31.1 93.2
227	63.5	32.5 97.5





#95

Naphthalene

Concen: 57.831 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040146.D

Acq: 07 Feb 2024 11:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 29741

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

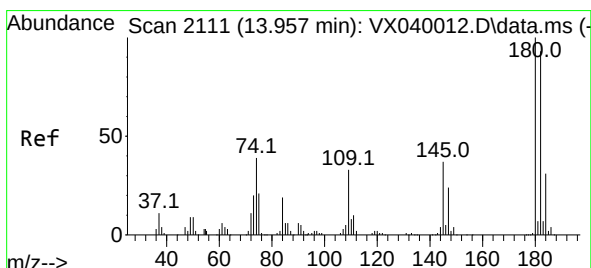
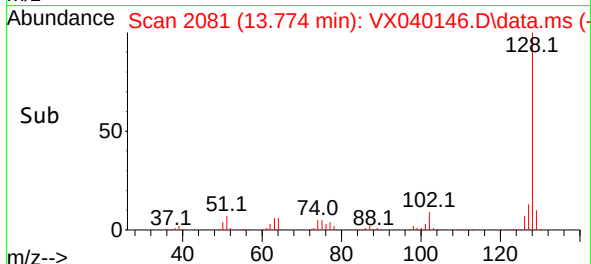
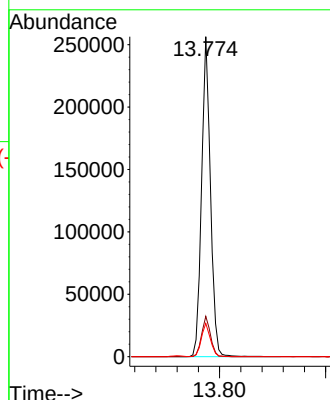
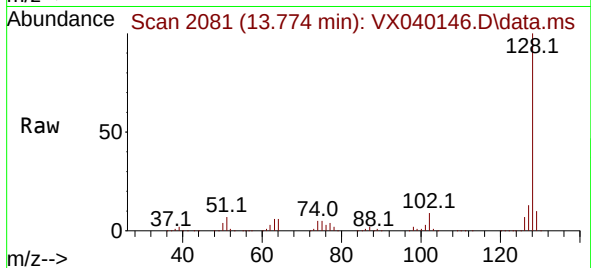
129 10.6 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2024

Supervised By :Semsettin Yesilyurt 02/08/2024



#96

1,2,3-Trichlorobenzene

Concen: 53.786 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX040146.D

Acq: 07 Feb 2024 11:45

Tgt Ion:180 Resp: 80523

Ion Ratio Lower Upper

180 100

182 95.9 46.9 140.6

145 35.1 17.8 53.5

