

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040324\
 Data File : VX040872.D
 Acq On : 03 Apr 2024 15:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 03 16:39:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/03/2024
 Supervised By : Semsettin Yesilyurt 04/03/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	47696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	79049	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	74983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	40568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	43402	50.715	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.440%			
35) Dibromofluoromethane	5.379	113	30208	53.952	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.900%			
50) Toluene-d8	8.647	98	107217	52.994	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.980%			
62) 4-Bromofluorobenzene	11.079	95	43450	53.778	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.560%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	31892	49.331	ug/l	97
3) Chloromethane	1.301	50	30651	54.881	ug/l	98
4) Vinyl Chloride	1.374	62	32921	57.104	ug/l	95
5) Bromomethane	1.599	94	22397	63.149	ug/l	94
6) Chloroethane	1.685	64	20644	55.550	ug/l	98
7) Trichlorofluoromethane	1.886	101	57867	52.436	ug/l	99
8) Diethyl Ether	2.130	74	18287	51.278	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	28746	50.527	ug/l	98
10) Methyl Iodide	2.453	142	34420	49.874	ug/l	99
11) Tert butyl alcohol	2.953	59	35875	229.609	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	26082	48.879	ug/l	96
13) Acrolein	2.233	56	21466	251.687	ug/l	100
14) Allyl chloride	2.660	41	49413	51.694	ug/l	90
15) Acrylonitrile	3.056	53	81547	247.414	ug/l	98
16) Acetone	2.374	43	84765	255.087	ug/l	96
17) Carbon Disulfide	2.514	76	73770	47.790	ug/l	98
18) Methyl Acetate	2.697	43	36815	46.698	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	94999	50.579	ug/l	99
20) Methylene Chloride	2.788	84	29057	47.185	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	27710	49.166	ug/l	97
22) Diisopropyl ether	3.757	45	95793	51.495	ug/l	92
23) Vinyl Acetate	3.715	43	473707	265.689	ug/l	98
24) 1,1-Dichloroethane	3.605	63	53290	50.142	ug/l	99
25) 2-Butanone	4.544	43	122938	249.050	ug/l	95
26) 2,2-Dichloropropane	4.471	77	47658	52.231	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	32674	50.205	ug/l	97
28) Bromochloromethane	4.885	49	23692	49.579	ug/l	99
29) Tetrahydrofuran	4.995	42	78082	243.365	ug/l	99
30) Chloroform	5.087	83	60251	52.085	ug/l	99
31) Cyclohexane	5.465	56	44848	49.385	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	52943	51.503	ug/l	97
36) 1,1-Dichloropropene	5.690	75	39863	50.107	ug/l	99
37) Ethyl Acetate	4.702	43	48124	49.262	ug/l	99
38) Carbon Tetrachloride	5.672	117	46770	53.104	ug/l	97
39) Methylcyclohexane	7.373	83	47041	49.487	ug/l	97
40) Benzene	6.031	78	113564	51.431	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	27428	54.670	ug/l	98
42) 1,2-Dichloroethane	6.080	62	50416	52.570	ug/l	97
43) Isopropyl Acetate	6.330	43	78475	52.016	ug/l	97
44) Trichloroethene	7.117	130	28382	51.465	ug/l	98
45) 1,2-Dichloropropane	7.428	63	28310	53.707	ug/l	100
46) Dibromomethane	7.574	93	23137	53.553	ug/l	99
47) Bromodichloromethane	7.818	83	47404	52.735	ug/l	95
48) Methyl methacrylate	7.684	41	40021	54.172	ug/l	96
49) 1,4-Dioxane	7.653	88	14569	1033.409	ug/l #	100
51) 4-Methyl-2-Pentanone	8.568	43	260133	259.946	ug/l	96
52) Toluene	8.714	92	73520	52.768	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	47290	50.990	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	49027	55.005	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	28514	52.442	ug/l #	90
56) Ethyl methacrylate	9.110	69	49638	53.165	ug/l #	90
57) 1,3-Dichloropropane	9.305	76	49909	52.484	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	120418	266.046	ug/l	97
59) 2-Hexanone	9.427	43	208533	259.829	ug/l	95
60) Dibromochloromethane	9.519	129	34830	53.660	ug/l	98
61) 1,2-Dibromoethane	9.604	107	30591	52.148	ug/l	99
64) Tetrachloroethene	9.269	164	25352	51.092	ug/l	99
65) Chlorobenzene	10.073	112	82192	50.120	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	28312	52.013	ug/l	98
67) Ethyl Benzene	10.189	91	150857	51.584	ug/l	97
68) m/p-Xylenes	10.299	106	109252	102.674	ug/l	90
69) o-Xylene	10.640	106	52190	52.063	ug/l	89
70) Styrene	10.653	104	93096	53.593	ug/l	97
71) Bromoform	10.799	173	24260	50.307	ug/l #	100
73) Isopropylbenzene	10.957	105	143639	50.696	ug/l	100
74) N-amyl acetate	10.842	43	74564	51.957	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.207	83	48195	49.746	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	43143m	49.872	ug/l	
77) Bromobenzene	11.195	156	33787	50.834	ug/l	99
78) n-propylbenzene	11.299	91	179866	50.795	ug/l	97
79) 2-Chlorotoluene	11.360	91	105947	50.135	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	124879	51.604	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	15787	49.237	ug/l	92
82) 4-Chlorotoluene	11.451	91	128741	51.027	ug/l	98
83) tert-Butylbenzene	11.713	119	120938	50.376	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	125078	51.307	ug/l	100
85) sec-Butylbenzene	11.890	105	156655	51.379	ug/l	99
86) p-Isopropyltoluene	12.006	119	132345	51.752	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	66483	49.485	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	68892	48.327	ug/l	100
89) n-Butylbenzene	12.329	91	132067	52.274	ug/l	96
90) Hexachloroethane	12.536	117	23631	53.045	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	63783	48.444	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	12543	50.385	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	44261	48.491	ug/l	98
94) Hexachlorobutadiene	13.725	225	17071	48.821	ug/l	99
95) Naphthalene	13.774	128	149345	50.815	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	43190	49.598	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

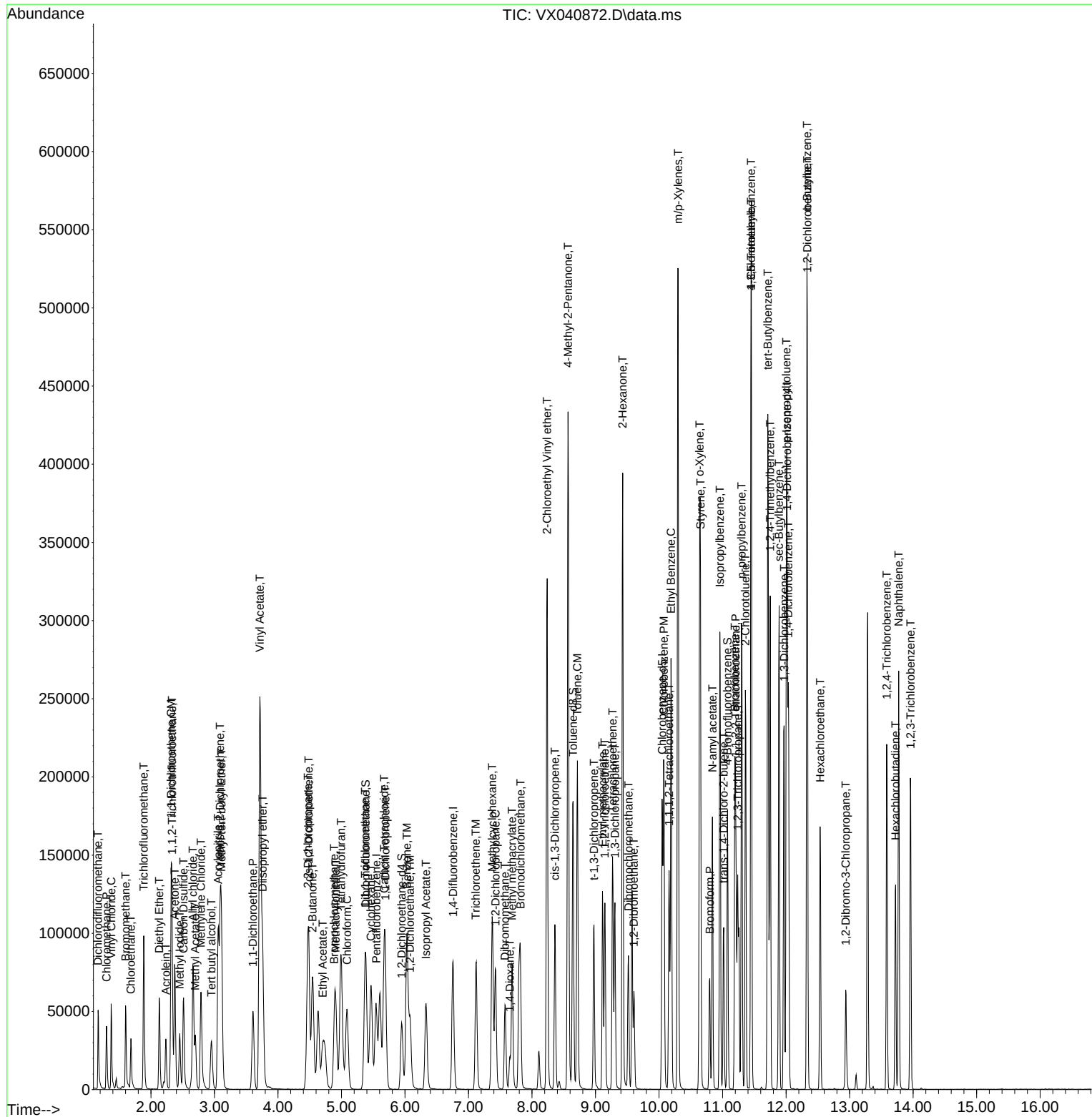
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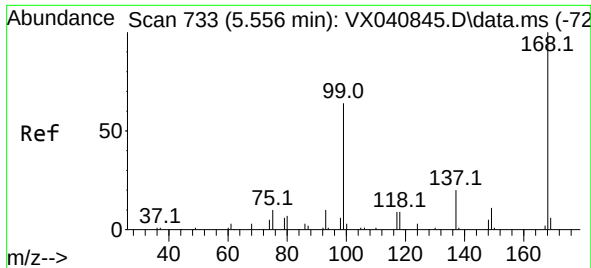
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MSVOA_X
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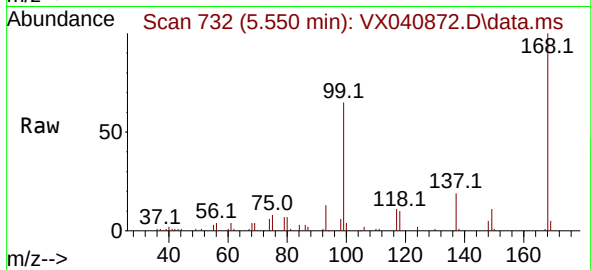
Reviewed By :John Carlone 04/03/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040872.D
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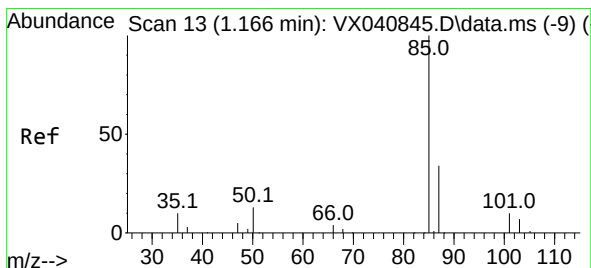
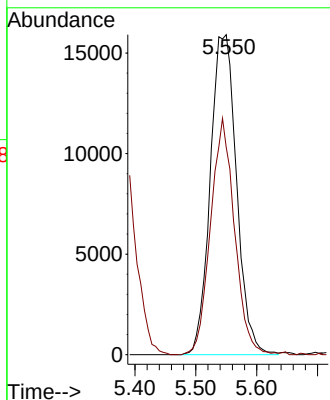
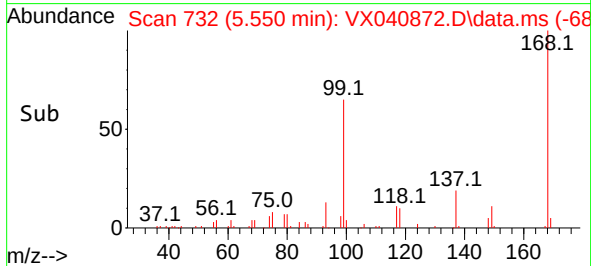
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 47690
Ion Ratio Lower Upper
168 100
99 64.9 56.6 85.0

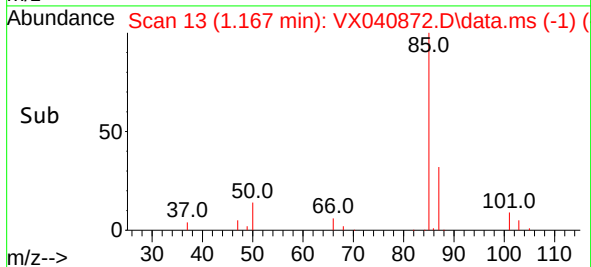
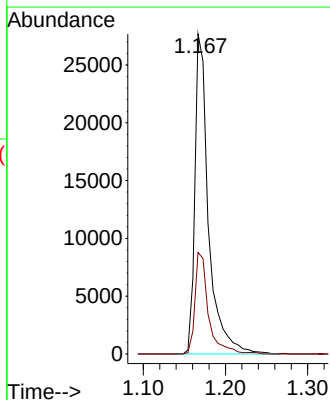
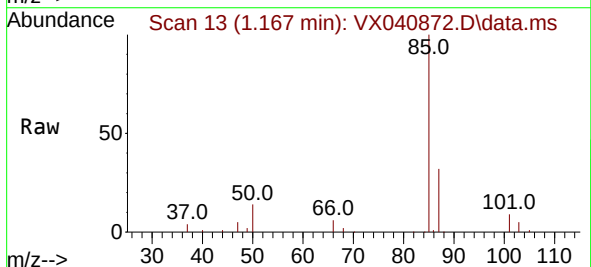
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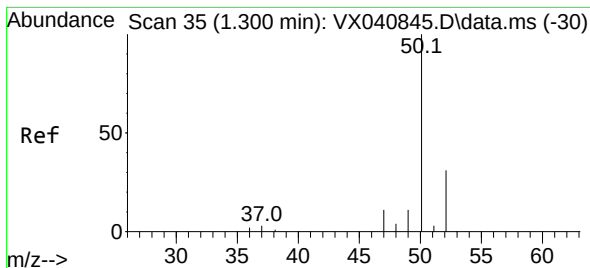
Reviewed By :John Carlone 04/03/2024
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#2
Dichlorodifluoromethane
Concen: 49.331 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Tgt Ion: 85 Resp: 31892
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.1





#3

Chloromethane

Concen: 54.881 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 3065

Ion Ratio Lower Upper

50 100

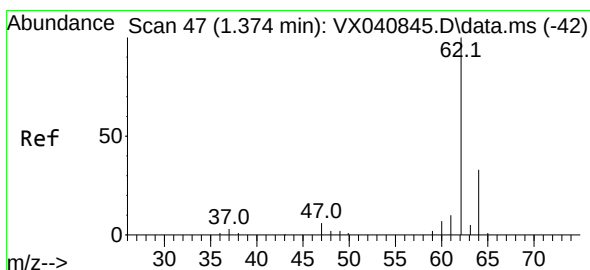
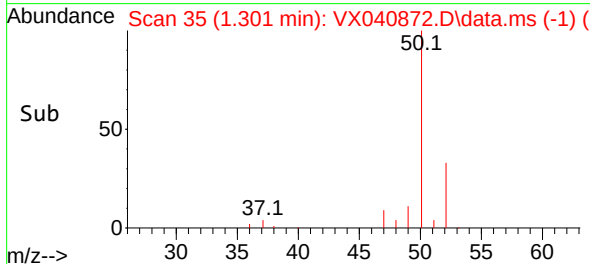
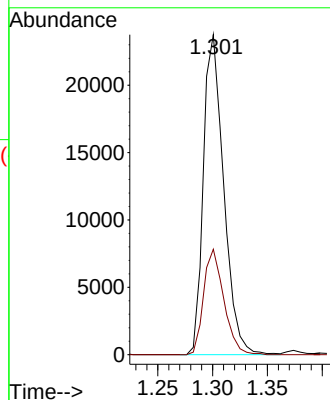
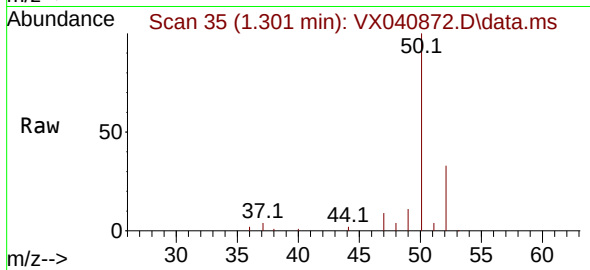
52 32.9 25.5 38.3

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 57.104 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX040872.D

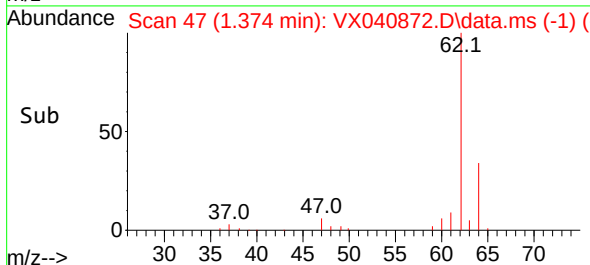
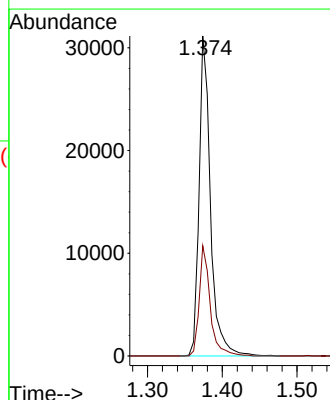
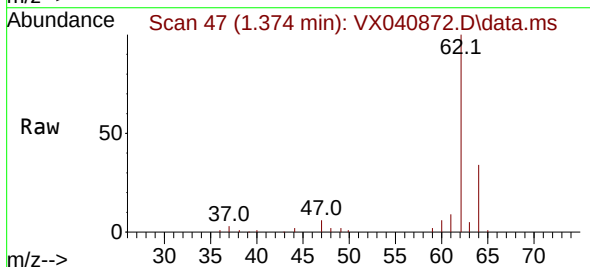
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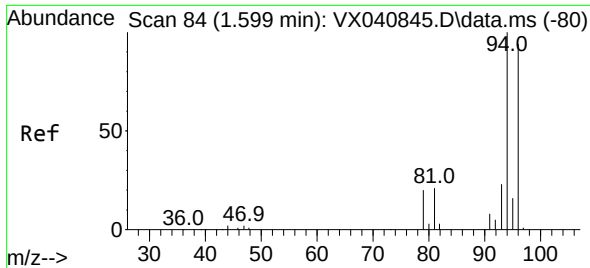
Tgt Ion: 62 Resp: 32921

Ion Ratio Lower Upper

62 100

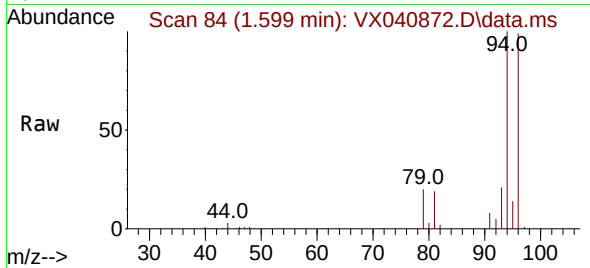
64 34.4 25.4 38.0





#5
Bromomethane
Concen: 63.149 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040872.D
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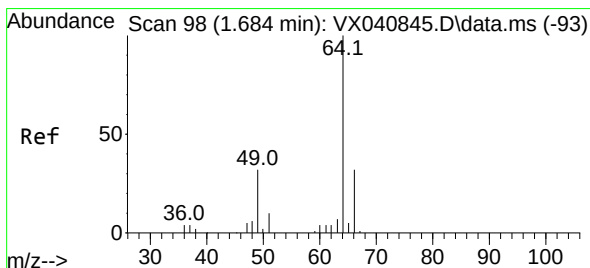
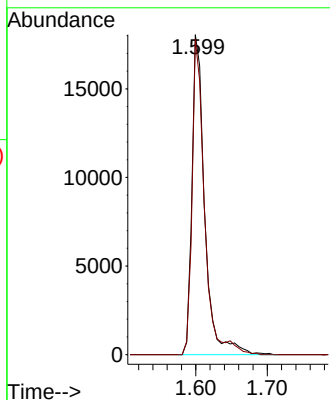
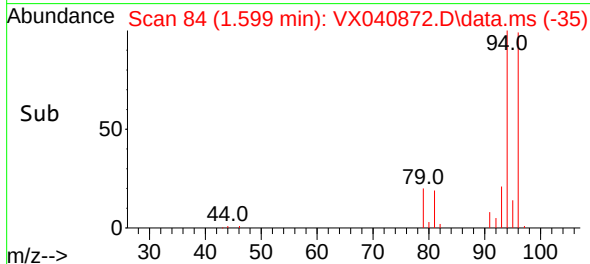
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Tgt Ion: 94 Resp: 2239
Ion Ratio Lower Upper
94 100
96 98.5 74.6 111.8

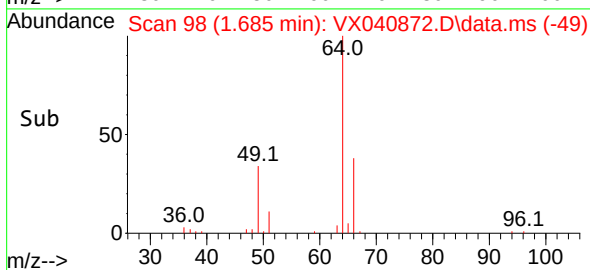
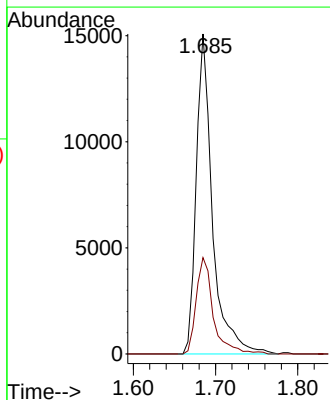
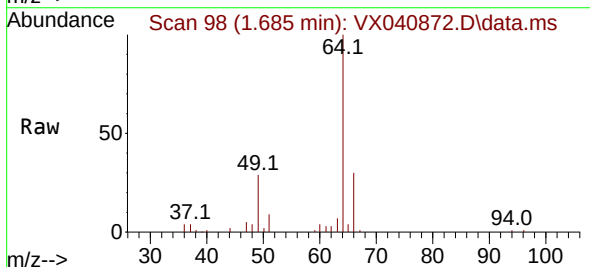
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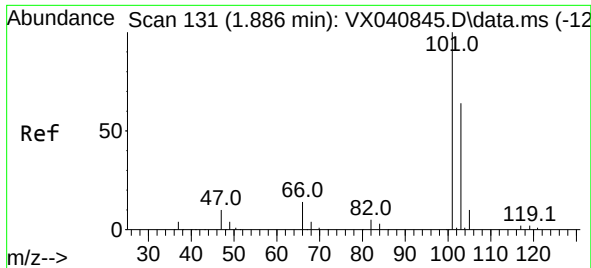
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024



#6
Chloroethane
Concen: 55.550 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

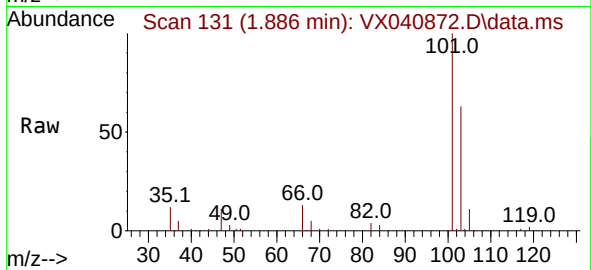
Tgt Ion: 64 Resp: 20644
Ion Ratio Lower Upper
64 100
66 30.1 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 52.436 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040872.D
 Acq: 03 Apr 2024 15:56

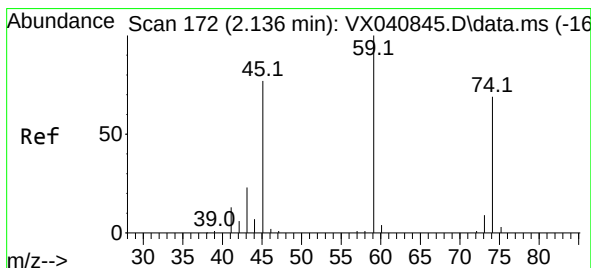
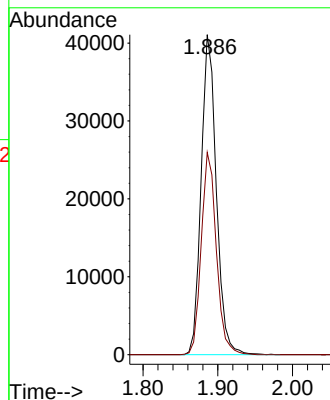
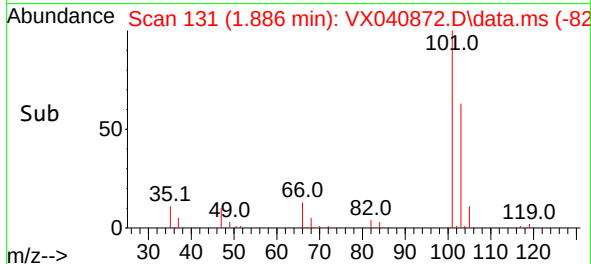
Instrument :
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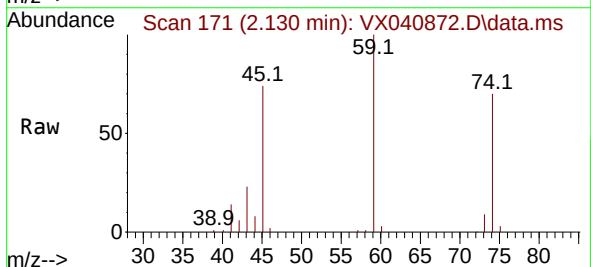
Tgt Ion: 101 Resp: 5786
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.4 77.2

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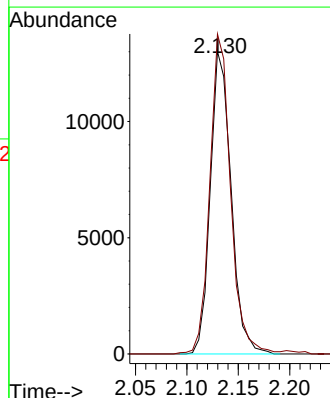
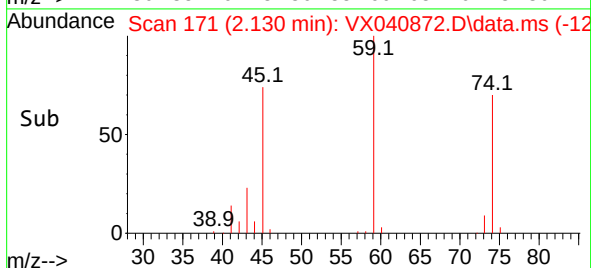
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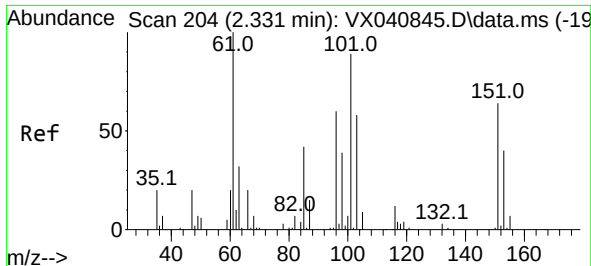


#8
 Diethyl Ether
 Concen: 51.278 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX040872.D
 Acq: 03 Apr 2024 15:56



Tgt Ion: 74 Resp: 18287
 Ion Ratio Lower Upper
 74 100
 45 105.7 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.527 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

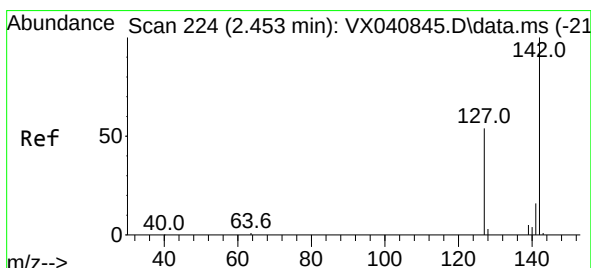
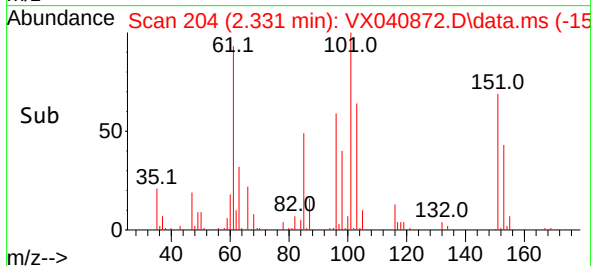
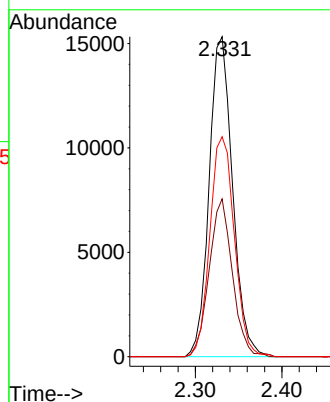
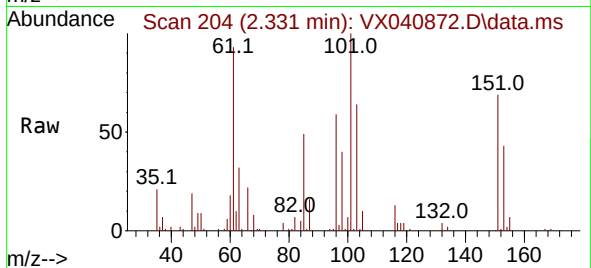
VSTDCCC050EC

Tgt Ion:101 Resp: 28740
Ion Ratio Lower Upper
101 100
85 48.9 37.0 55.6
151 72.0 58.6 87.8

Manual Integrations

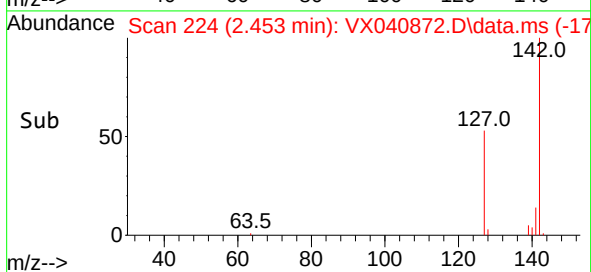
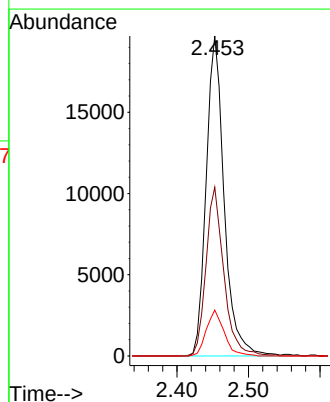
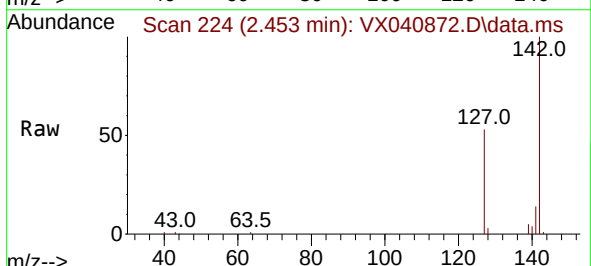
APPROVED

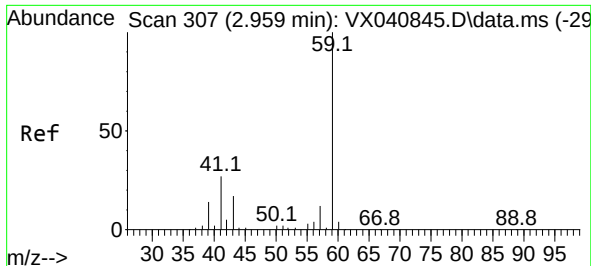
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024



#10
Methyl Iodide
Concen: 49.874 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

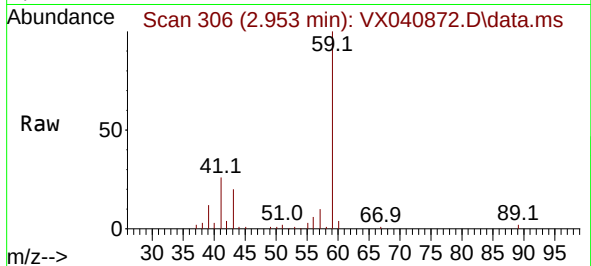
Tgt Ion:142 Resp: 34420
Ion Ratio Lower Upper
142 100
127 52.3 41.6 62.4
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 229.609 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

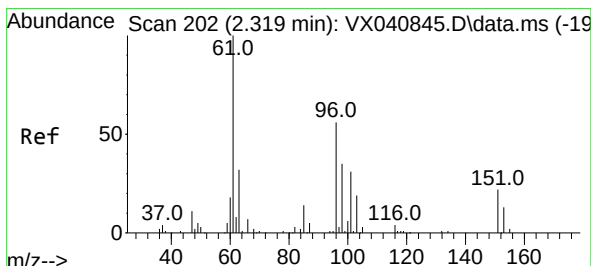
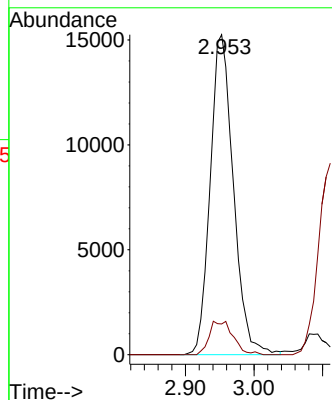
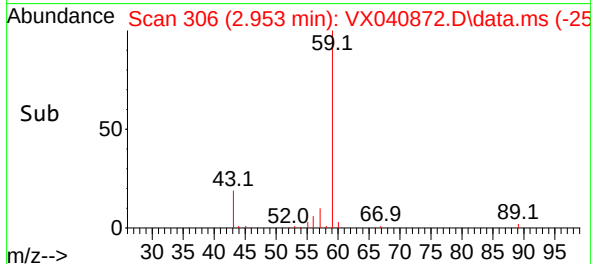
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 35879
Ion Ratio Lower Upper
59 100
57 10.7 6.0 9.0

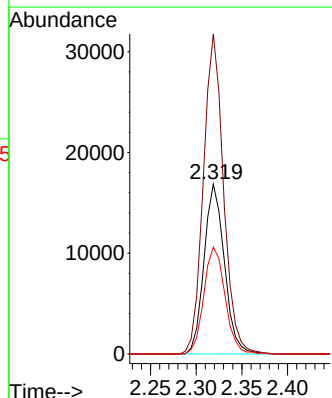
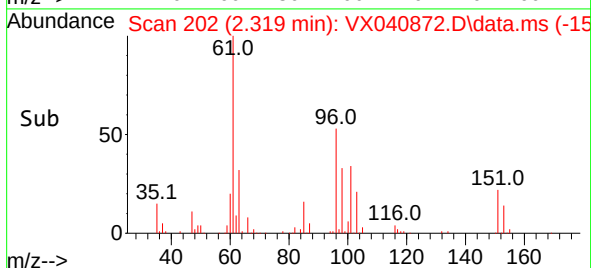
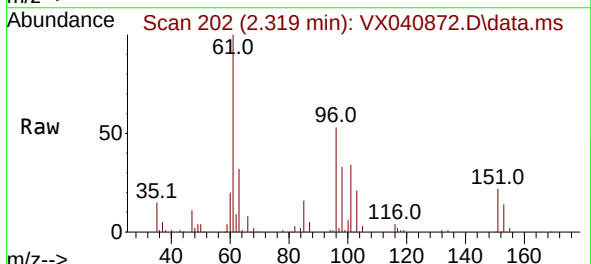
Manual Integrations
APPROVED

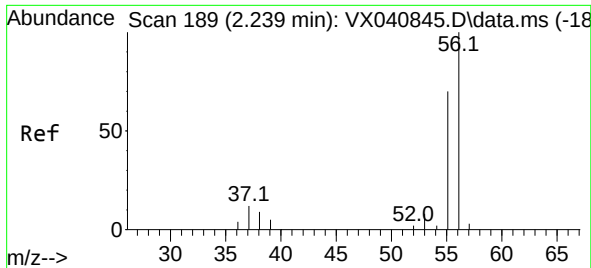
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024



#12
1,1-Dichloroethene
Concen: 48.879 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

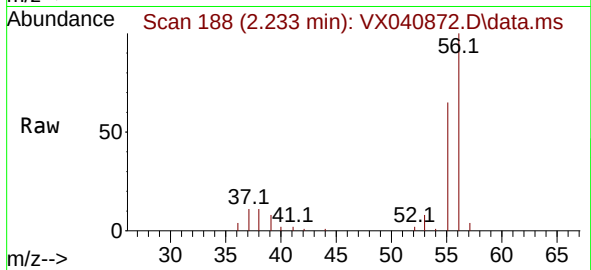
Tgt Ion: 96 Resp: 26082
Ion Ratio Lower Upper
96 100
61 188.2 144.6 216.8
98 62.9 50.4 75.6





#13
Acrolein
Concen: 251.687 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

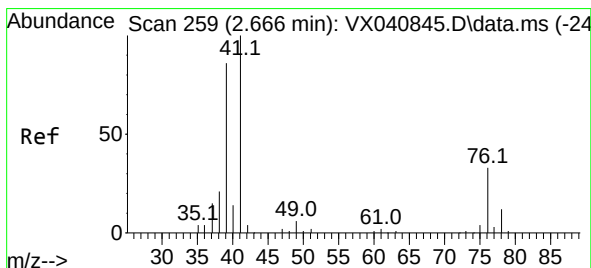
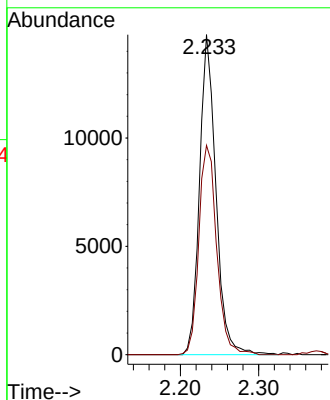
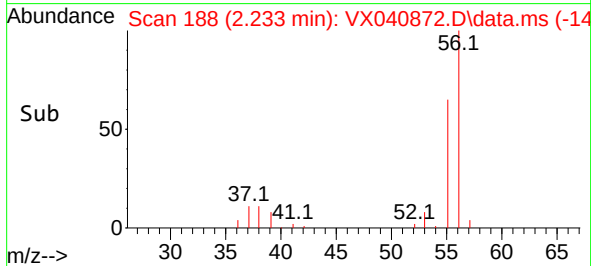
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 21460
Ion Ratio Lower Upper
56 100
55 71.5 57.1 85.7

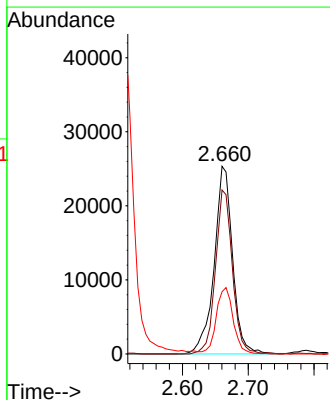
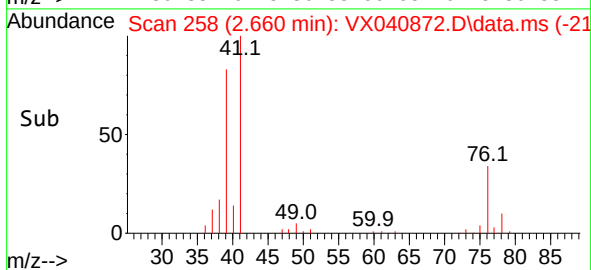
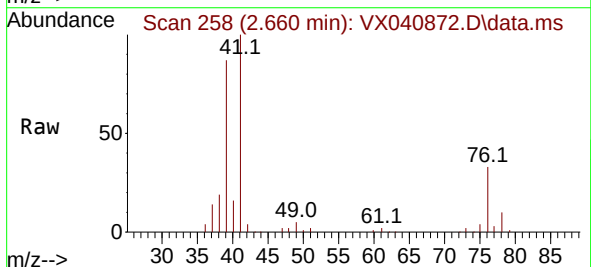
Manual Integrations
APPROVED

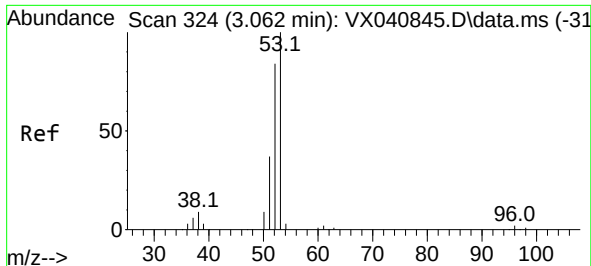
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024



#14
Allyl chloride
Concen: 51.694 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

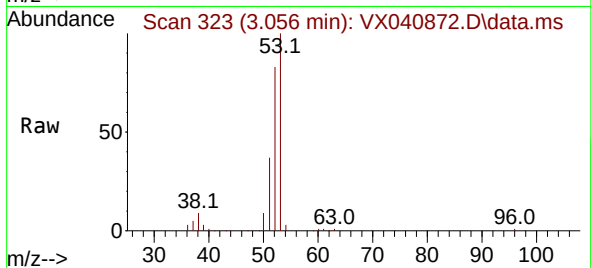
Tgt Ion: 41 Resp: 49413
Ion Ratio Lower Upper
41 100
39 80.4 55.8 83.6
76 32.5 24.3 36.5





#15
Acrylonitrile
Concen: 247.414 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

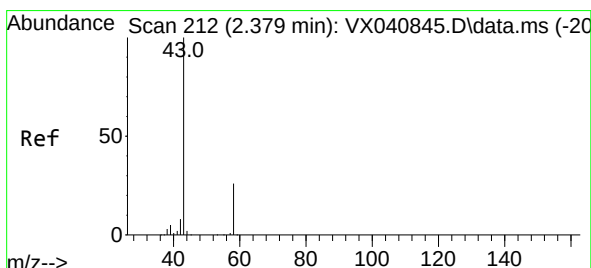
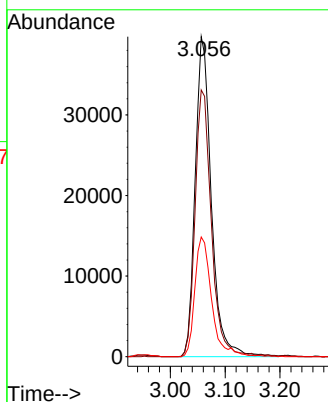
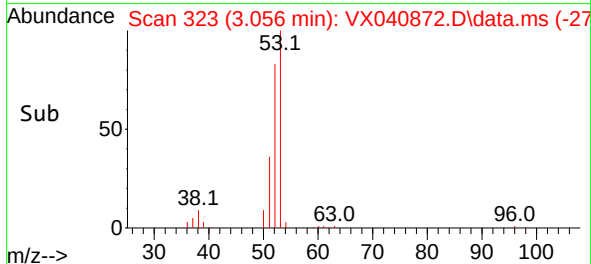
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 8154
Ion Ratio Lower Upper
53 100
52 84.0 66.0 99.0
51 39.1 29.8 44.6

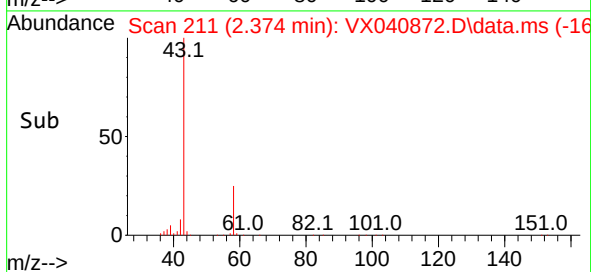
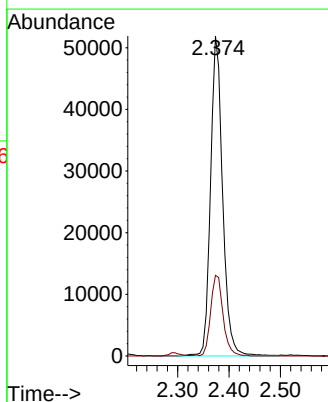
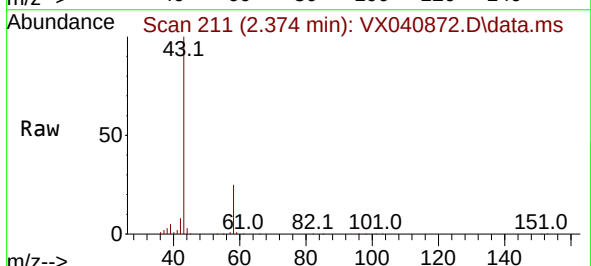
Manual Integrations
APPROVED

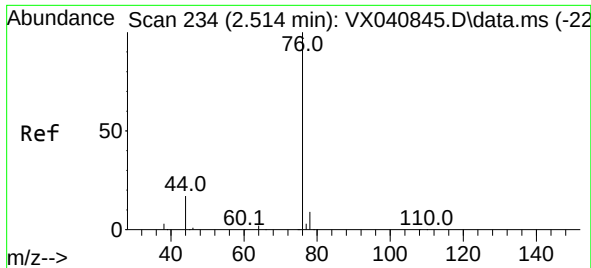
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024



#16
Acetone
Concen: 255.087 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Tgt Ion: 43 Resp: 84765
Ion Ratio Lower Upper
43 100
58 25.2 21.9 32.9





#17
Carbon Disulfide
Concen: 47.790 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

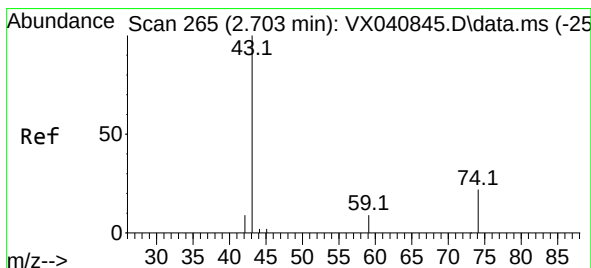
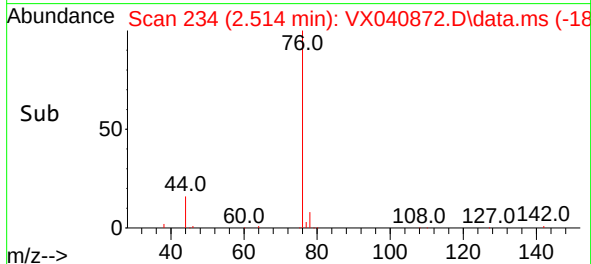
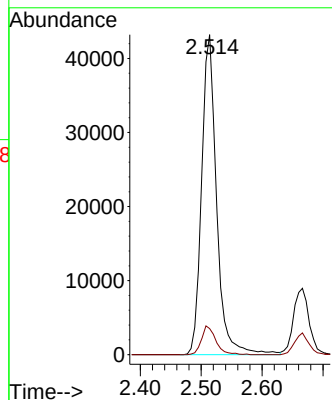
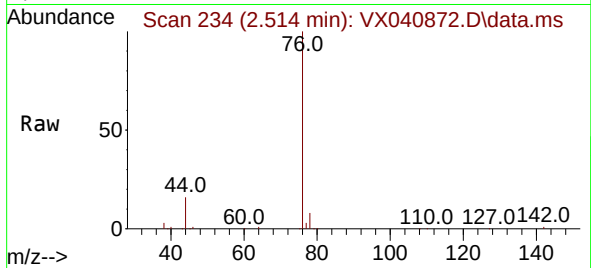
VSTDCCC050EC

Tgt Ion: 76 Resp: 73770
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.6

Manual Integrations

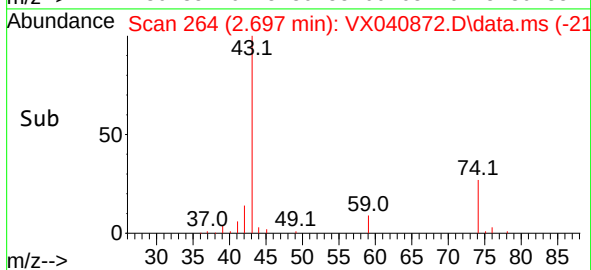
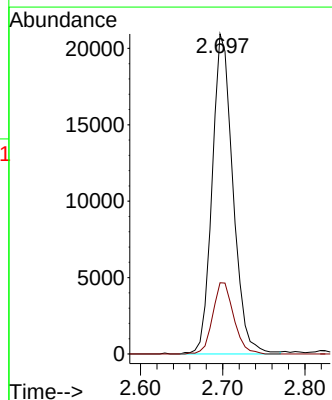
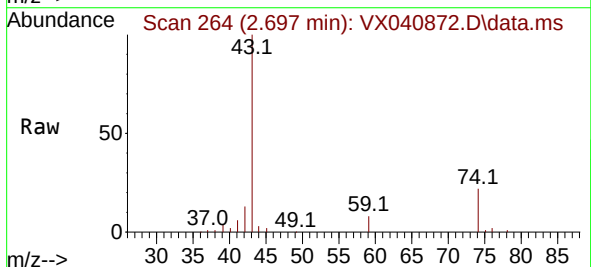
APPROVED

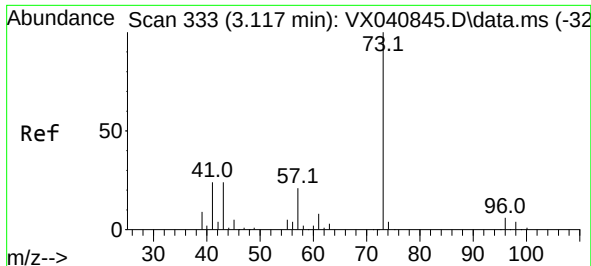
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024



#18
Methyl Acetate
Concen: 46.698 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

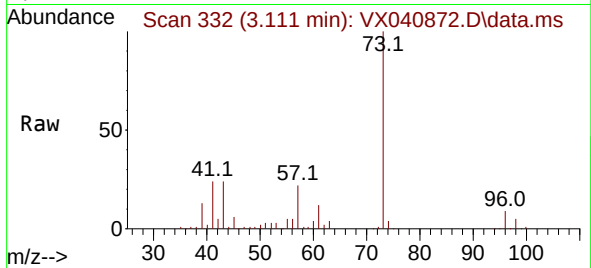
Tgt Ion: 43 Resp: 36815
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 50.579 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

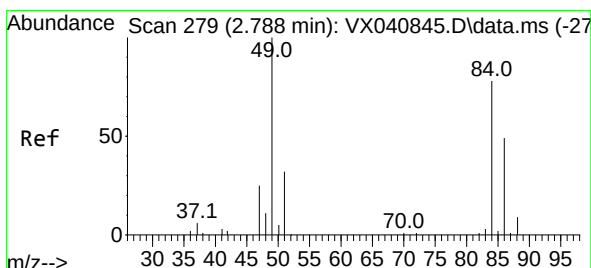
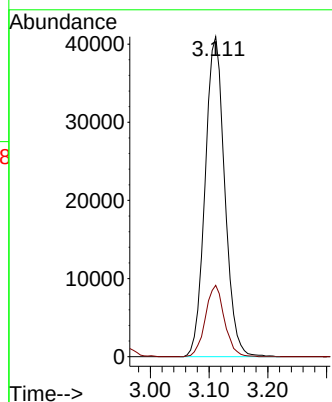
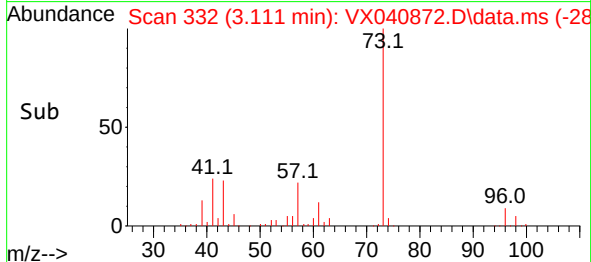
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 9499
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9

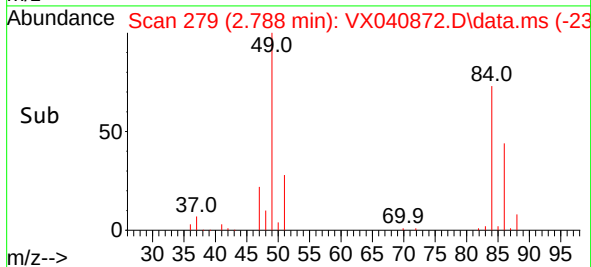
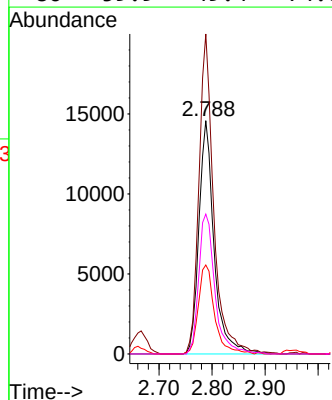
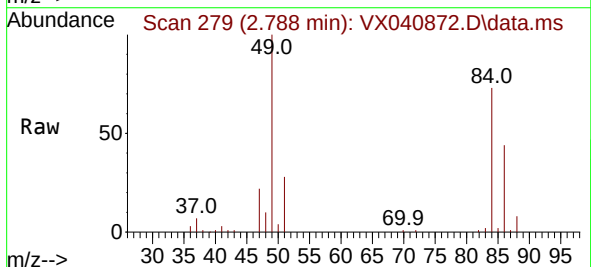
Manual Integrations
APPROVED

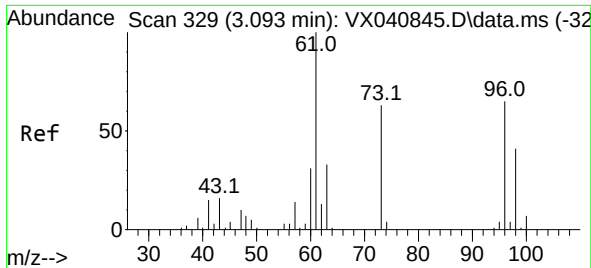
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024



#20
Methylene Chloride
Concen: 47.185 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

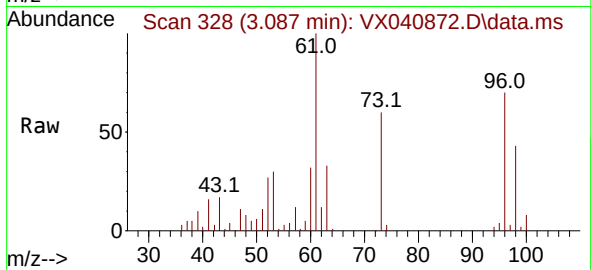
Tgt Ion: 84 Resp: 29057
Ion Ratio Lower Upper
84 100
49 137.2 103.6 155.4
51 38.1 33.8 50.6
86 59.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.166 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

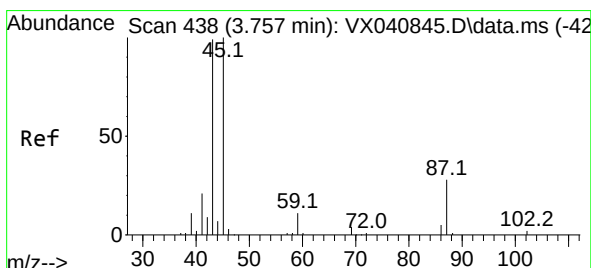
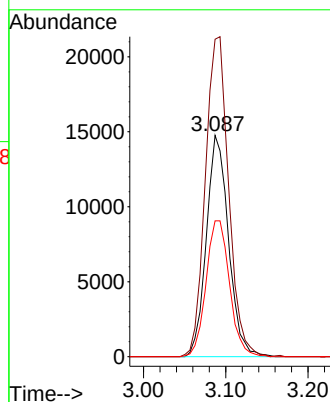
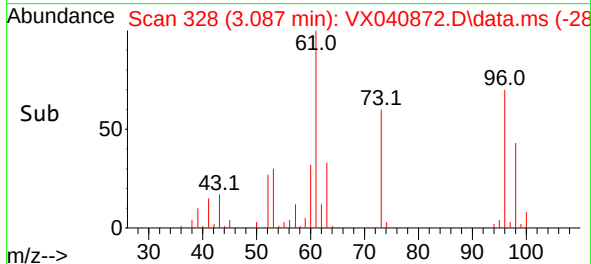
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 27710
Ion Ratio Lower Upper
96 100
61 143.5 119.2 178.8
98 61.4 48.7 73.1

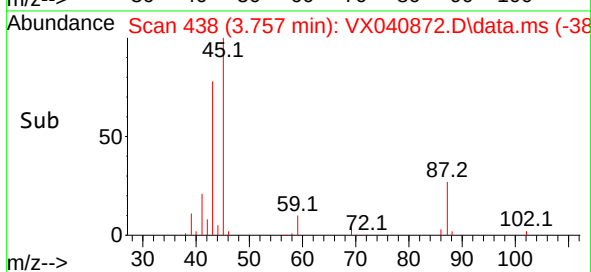
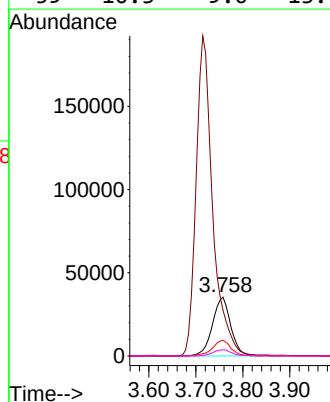
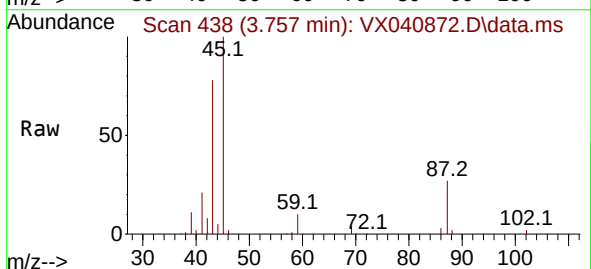
Manual Integrations
APPROVED

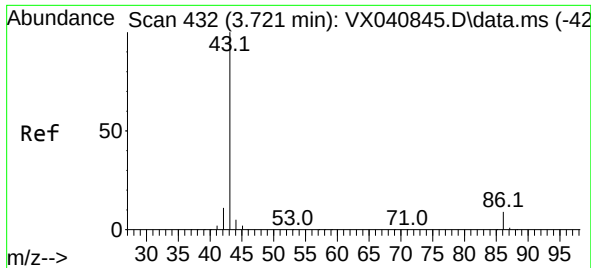
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024



#22
Diisopropyl ether
Concen: 51.495 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Tgt Ion: 45 Resp: 95793
Ion Ratio Lower Upper
45 100
43 77.8 69.7 104.5
87 26.7 20.8 31.2
59 10.3 9.0 13.4





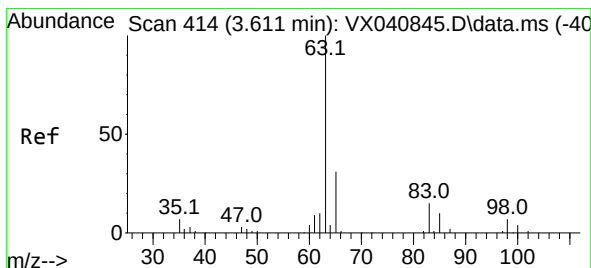
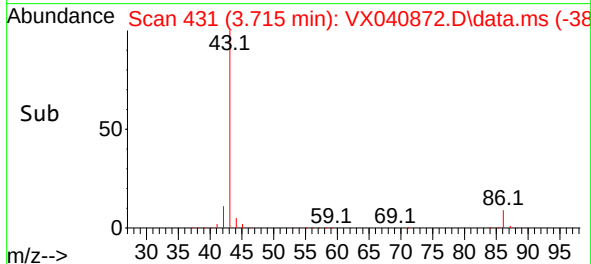
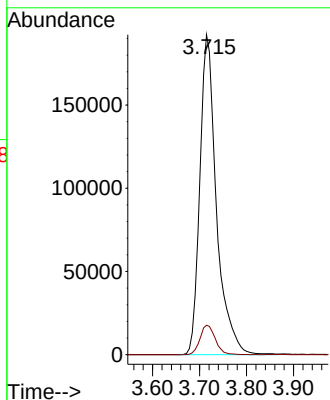
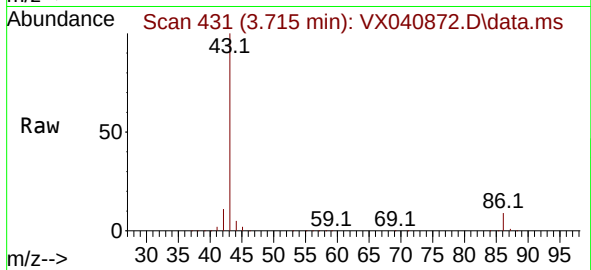
#23
Vinyl Acetate
Concen: 265.689 ug/l
RT: 3.715 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 47370
Ion Ratio Lower Upper
43 100
86 9.2 7.8 11.8

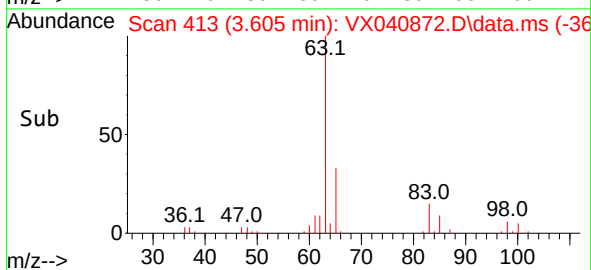
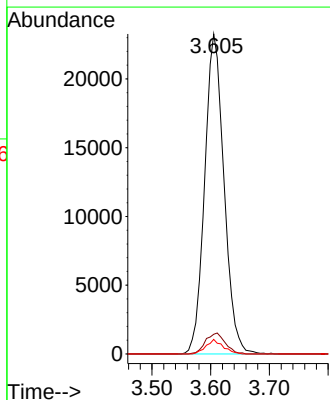
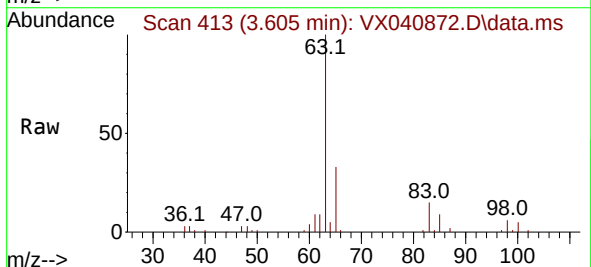
Manual Integrations
APPROVED

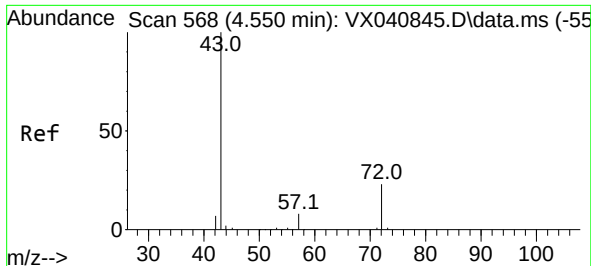
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024



#24
1,1-Dichloroethane
Concen: 50.142 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Tgt Ion: 63 Resp: 53290
Ion Ratio Lower Upper
63 100
98 6.2 3.3 9.8
100 4.5 2.1 6.5





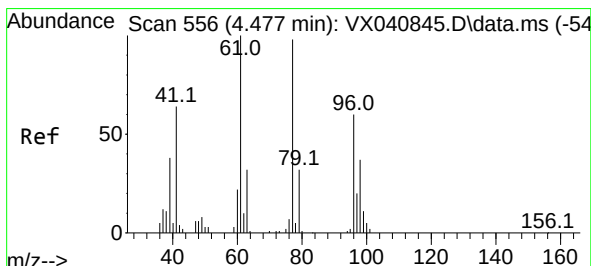
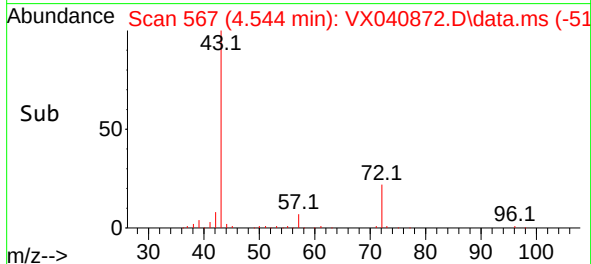
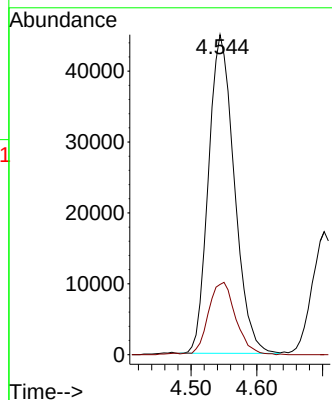
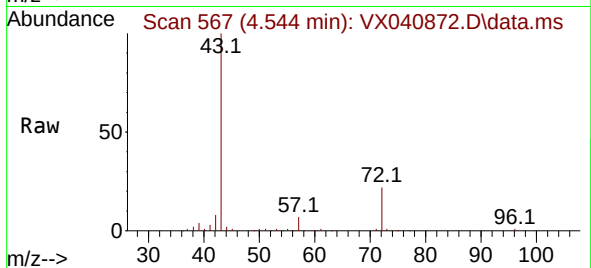
#25
2-Butanone
Concen: 249.050 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 122938
Ion Ratio Lower Upper
43 100
72 21.9 19.4 29.2

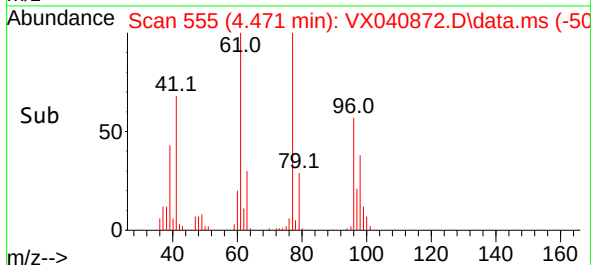
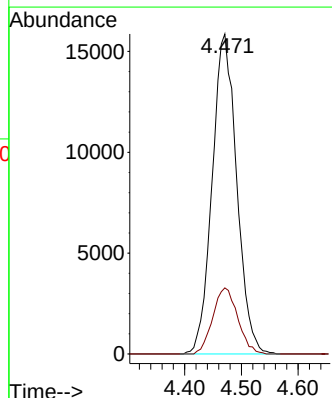
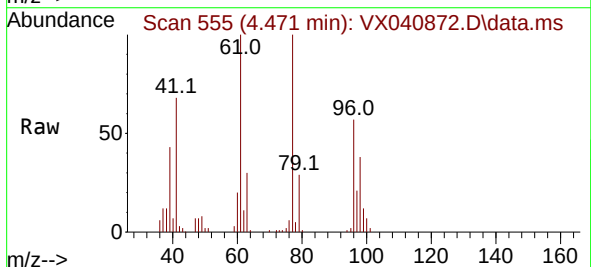
Manual Integrations
APPROVED

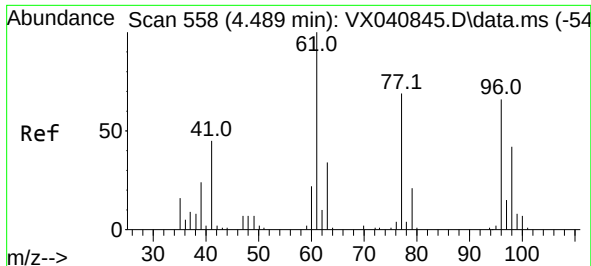
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024



#26
2,2-Dichloropropane
Concen: 52.231 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Tgt Ion: 77 Resp: 47658
Ion Ratio Lower Upper
77 100
97 21.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.205 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 32674

Ion Ratio Lower Upper

96 100

61 160.9 0.0 312.2

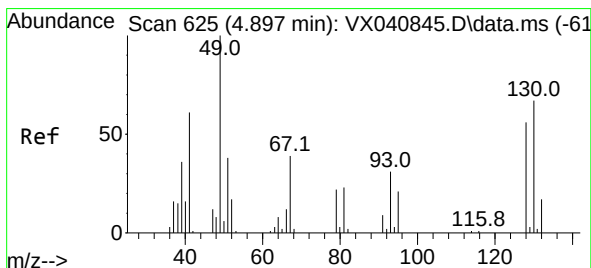
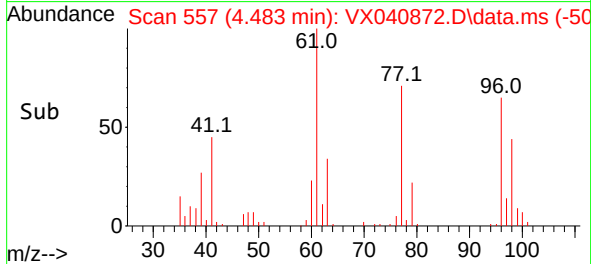
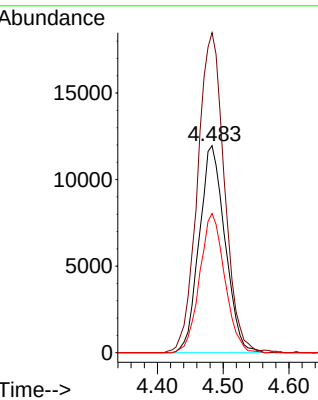
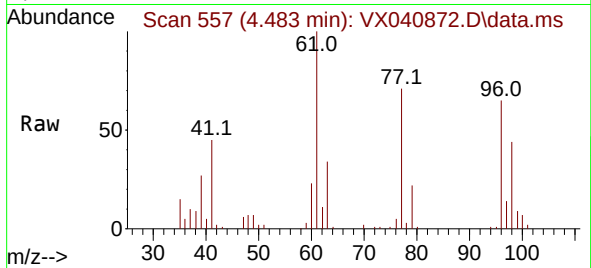
98 65.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2024

Supervised By :Semsettin Yesilyurt 04/03/2024



#28

Bromochloromethane

Concen: 49.579 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.012 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

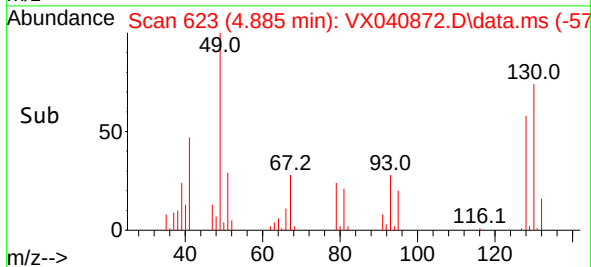
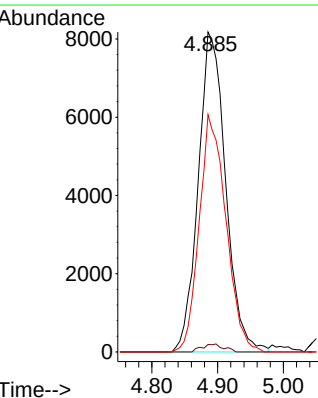
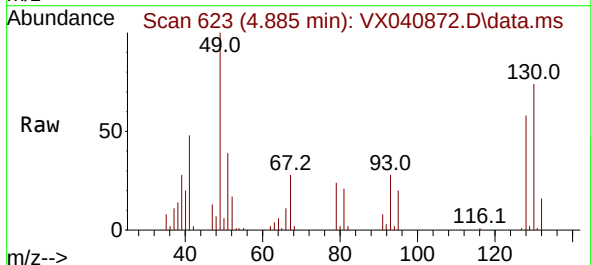
Tgt Ion: 49 Resp: 23692

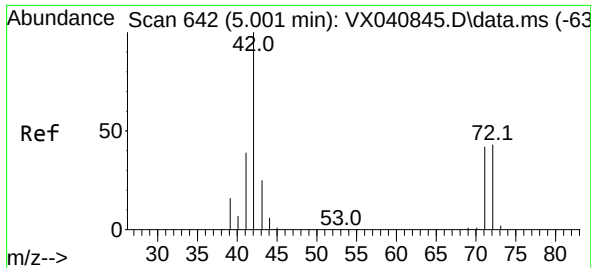
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 72.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 243.365 ug/l

RT: 4.995 min Scan# 642

Delta R.T. -0.006 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

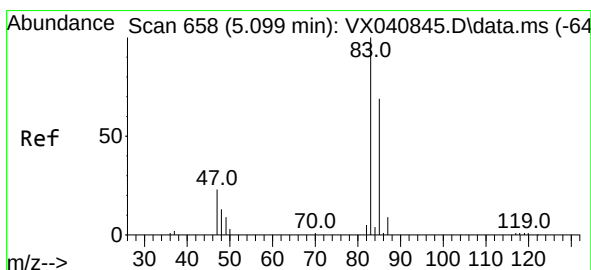
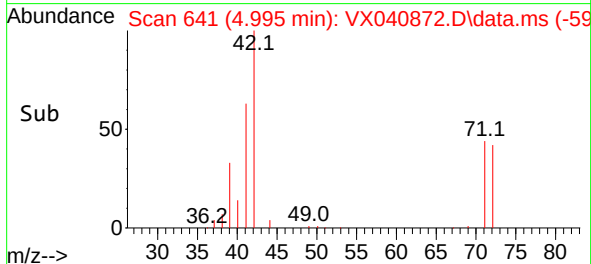
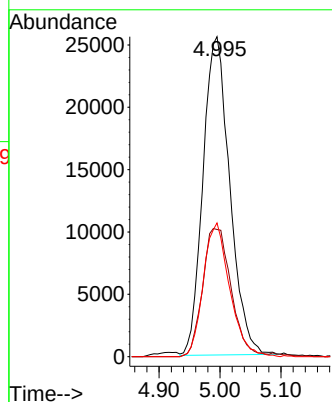
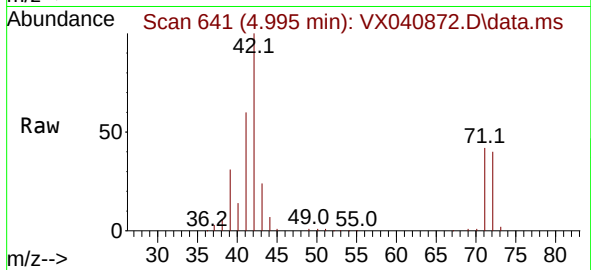
Tgt Ion:	42	Resp:	7808
Ion Ratio	Lower	Upper	
42	100		
72	42.7	34.2	51.4
71	41.3	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2024

Supervised By :Semsettin Yesilyurt 04/03/2024



#30

Chloroform

Concen: 52.085 ug/l

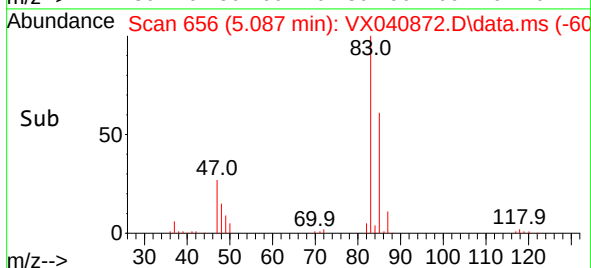
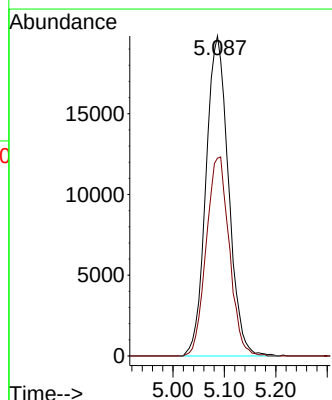
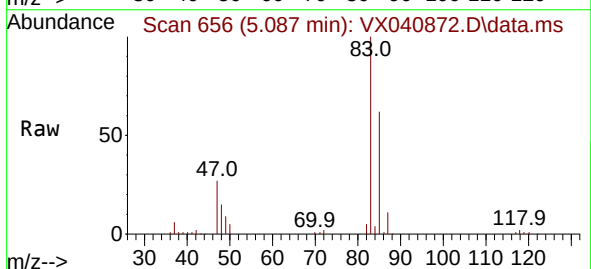
RT: 5.087 min Scan# 656

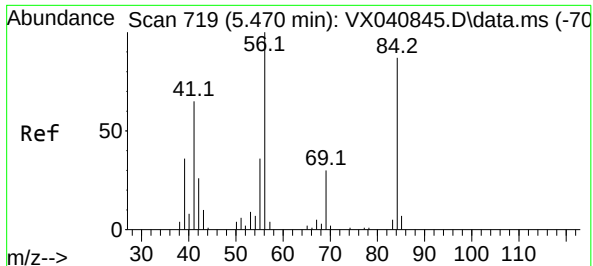
Delta R.T. -0.012 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

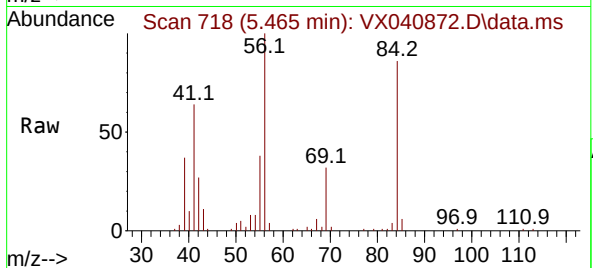
Tgt Ion:	83	Resp:	60251
Ion Ratio	Lower	Upper	
83	100		
85	61.8	50.3	75.5





#31
Cyclohexane
Concen: 49.385 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

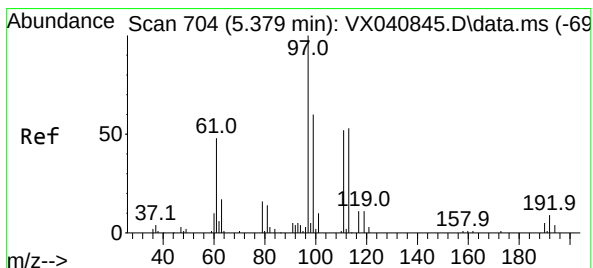
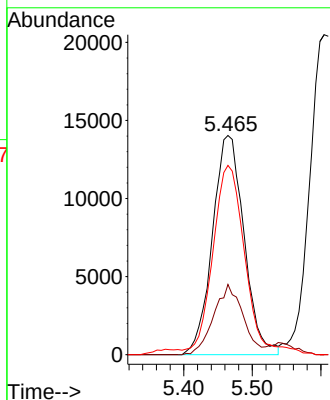
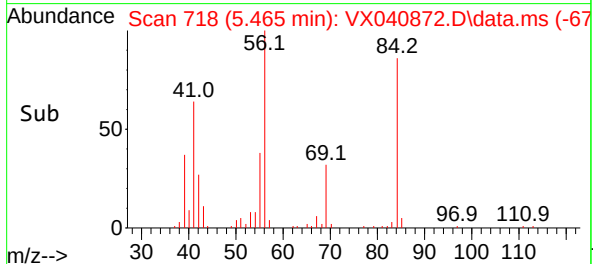
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 44848
Ion Ratio Lower Upper
56 100
69 32.1 23.4 35.2
84 84.0 65.9 98.9

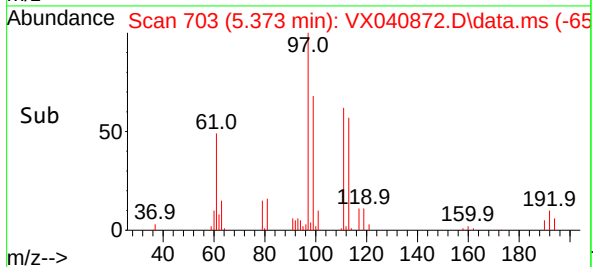
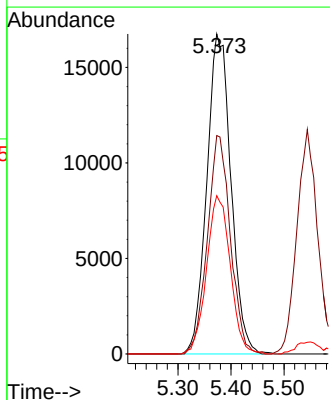
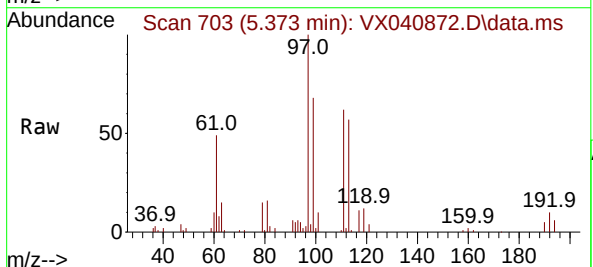
Manual Integrations
APPROVED

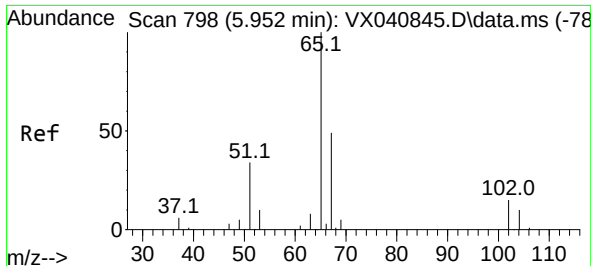
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024



#32
1,1,1-Trichloroethane
Concen: 51.503 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Tgt Ion: 97 Resp: 52943
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 48.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.715 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 4340

Ion Ratio Lower Upper

65 100

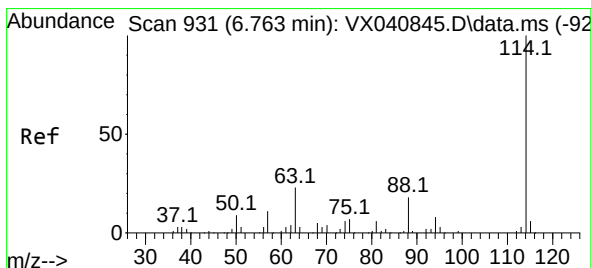
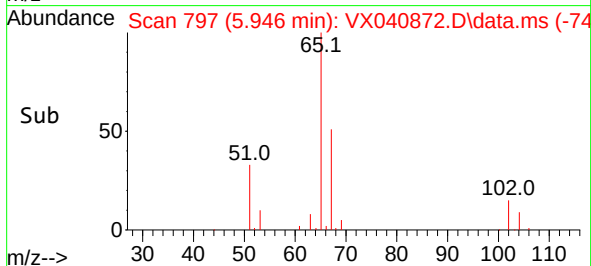
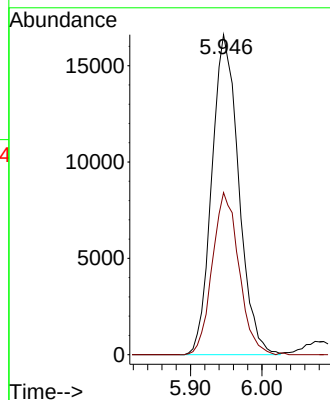
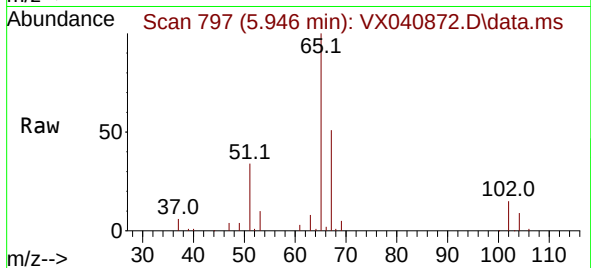
67 50.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2024

Supervised By :Semsettin Yesilyurt 04/03/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

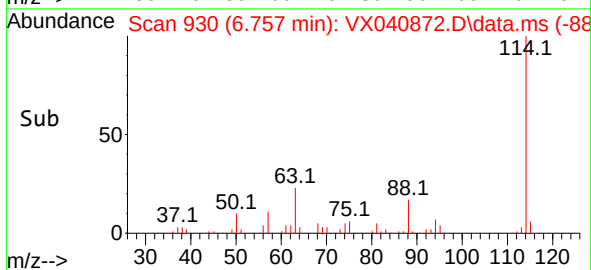
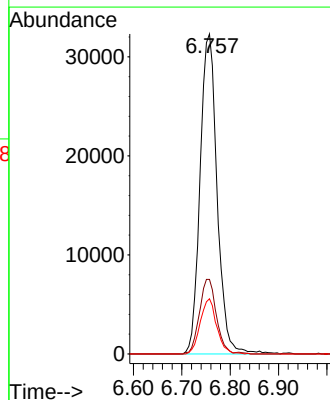
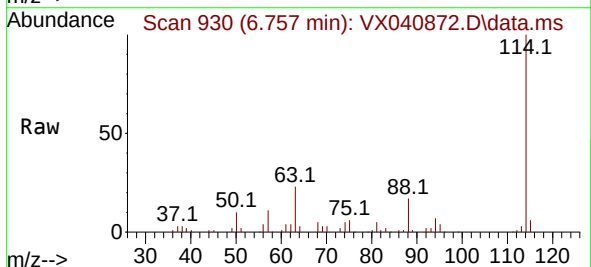
Tgt Ion:114 Resp: 79049

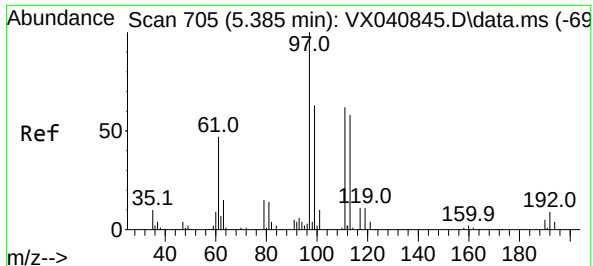
Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.0

88 17.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 53.952 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX040872.D

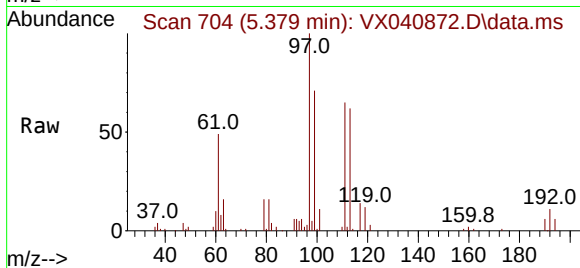
Acq: 03 Apr 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



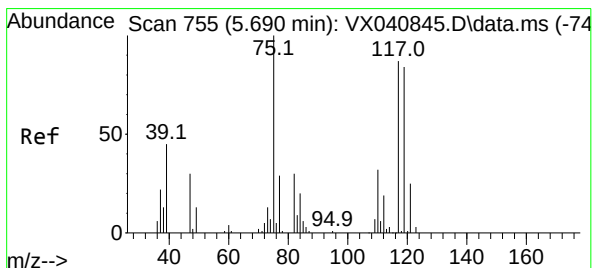
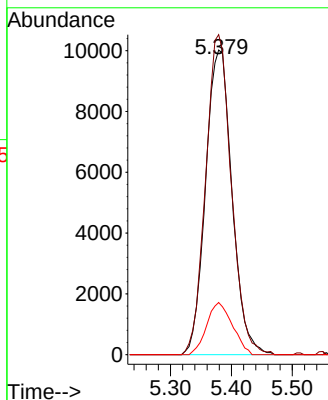
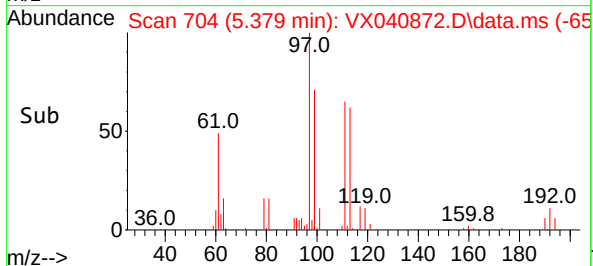
Tgt Ion:	113	Resp:	30208
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	16.6	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2024

Supervised By :Semsettin Yesilyurt 04/03/2024



#36

1,1-Dichloropropene

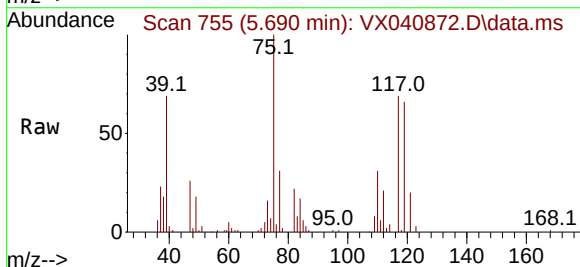
Concen: 50.107 ug/l

RT: 5.690 min Scan# 755

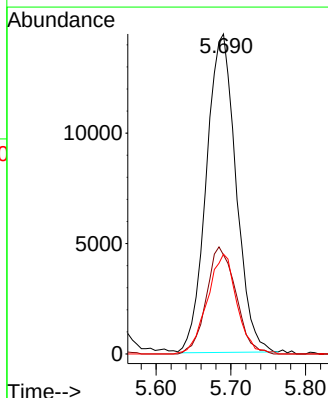
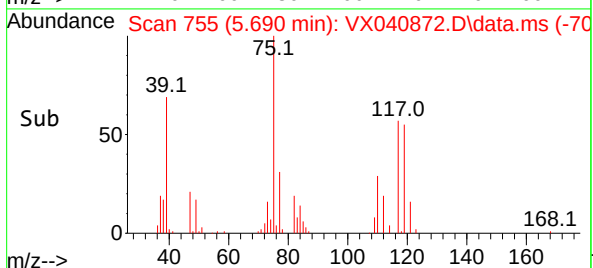
Delta R.T. 0.000 min

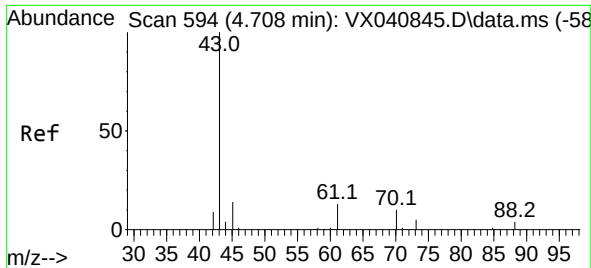
Lab File: VX040872.D

Acq: 03 Apr 2024 15:56



Tgt Ion:	75	Resp:	39863
Ion	Ratio	Lower	Upper
75	100		
110	33.3	17.0	50.9
77	31.2	24.7	37.1





#37

Ethyl Acetate

Concen: 49.262 ug/l

RT: 4.702 min Scan# 593

Delta R.T. -0.006 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 48124

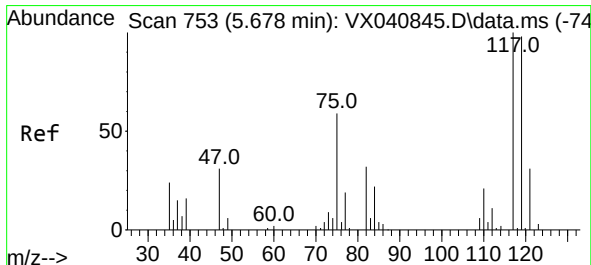
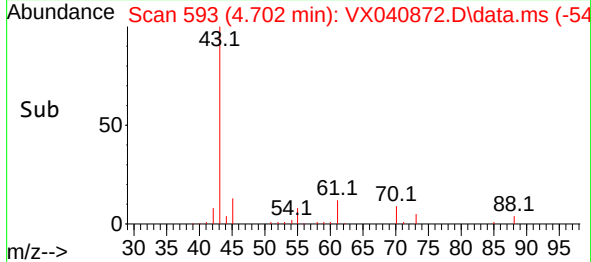
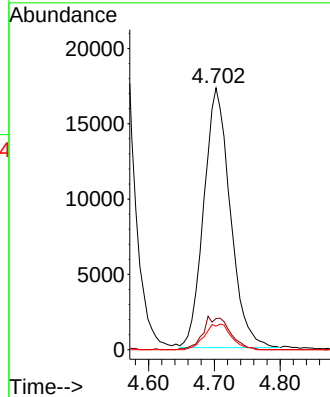
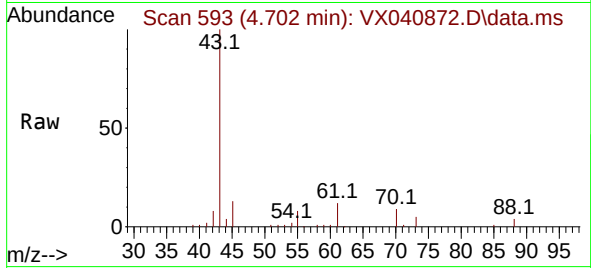
Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.6	16.0
70	10.0	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2024

Supervised By :Semsettin Yesilyurt 04/03/2024



#38

Carbon Tetrachloride

Concen: 53.104 ug/l

RT: 5.672 min Scan# 752

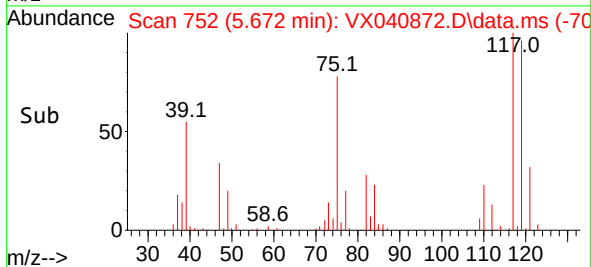
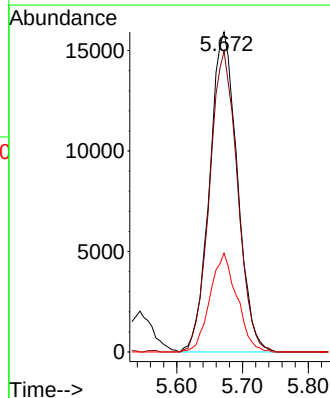
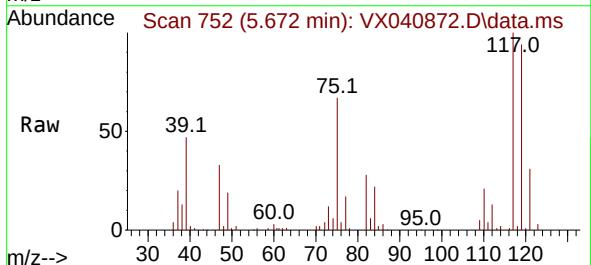
Delta R.T. -0.006 min

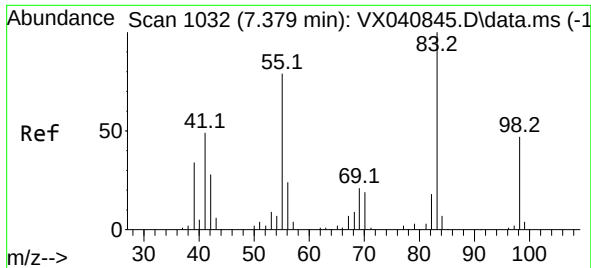
Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

Tgt Ion:117 Resp: 46770

Ion	Ratio	Lower	Upper
117	100		
119	94.0	78.2	117.2
121	30.9	24.4	36.6





#39
Methylcyclohexane
Concen: 49.487 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

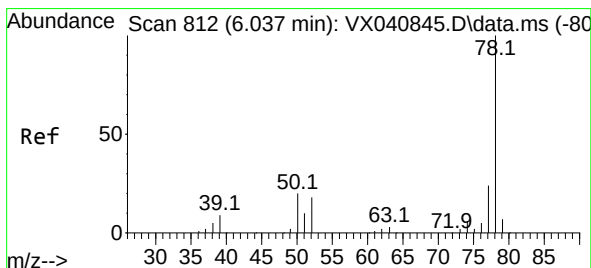
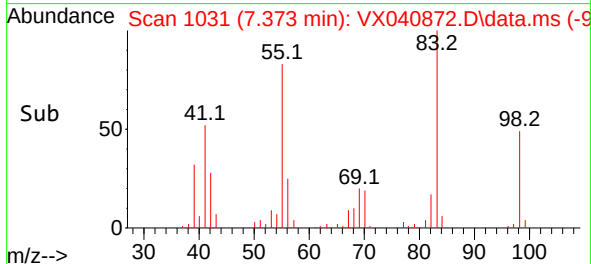
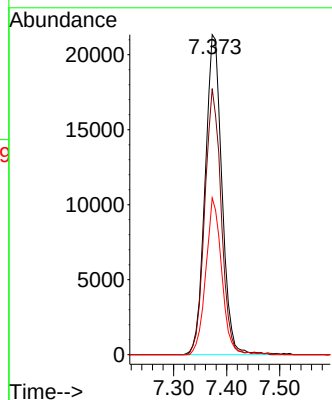
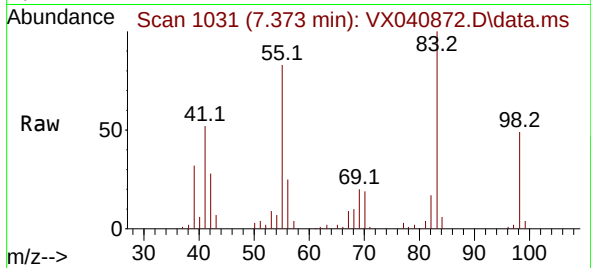
Tgt Ion: 83 Resp: 4704
Ion Ratio Lower Upper
83 100
55 83.2 64.6 97.0
98 49.0 36.7 55.1

Manual Integrations

APPROVED

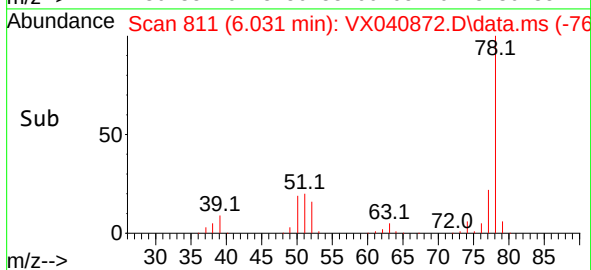
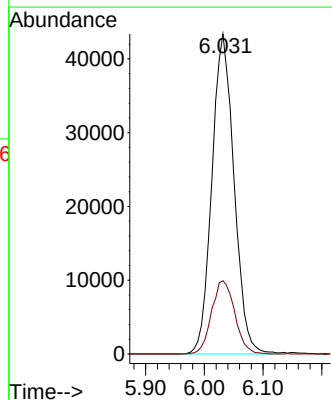
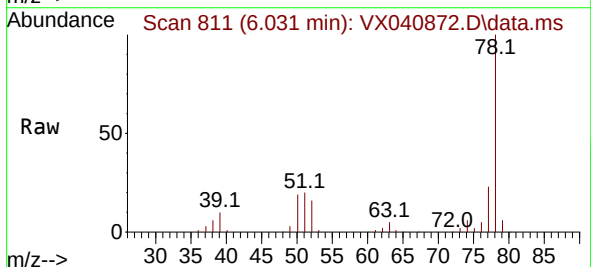
Reviewed By :John Carlone 04/03/2024

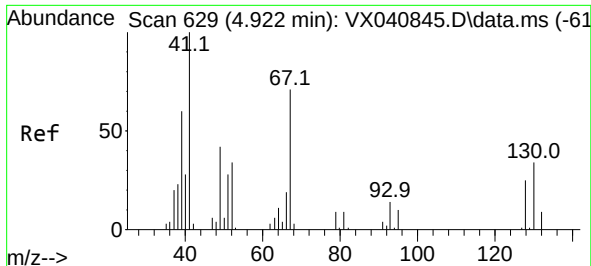
Supervised By :Semsettin Yesilyurt 04/03/2024



#40
Benzene
Concen: 51.431 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

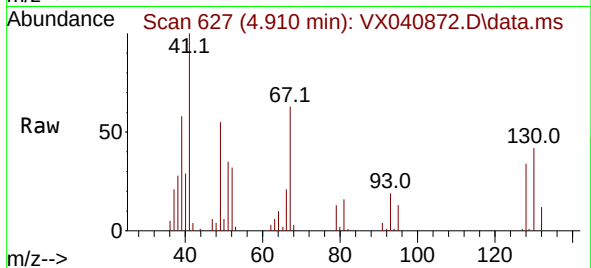
Tgt Ion: 78 Resp: 113564
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9





#41
Methacrylonitrile
Concen: 54.670 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

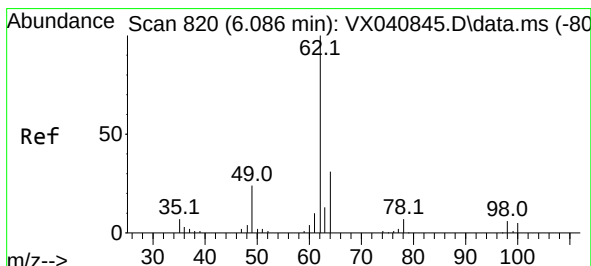
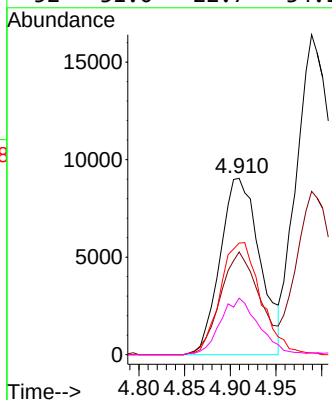
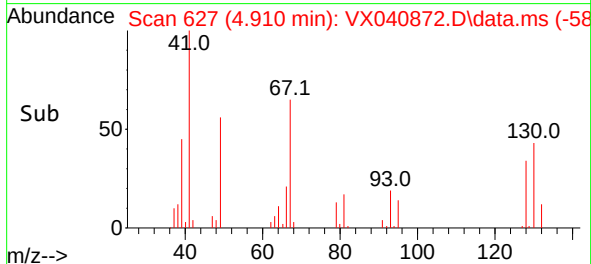
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 27428
Ion Ratio Lower Upper
41 100
39 57.8 45.2 67.8
67 64.9 52.6 78.8
52 31.0 22.7 34.1

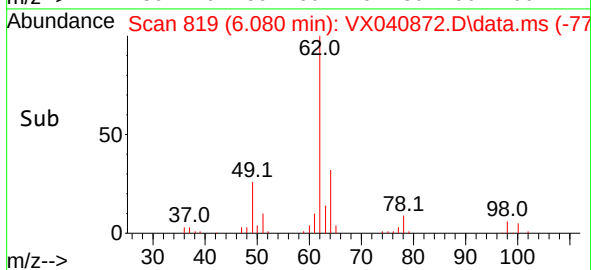
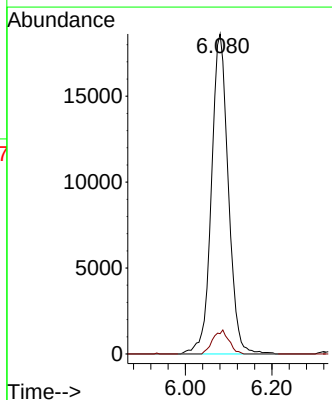
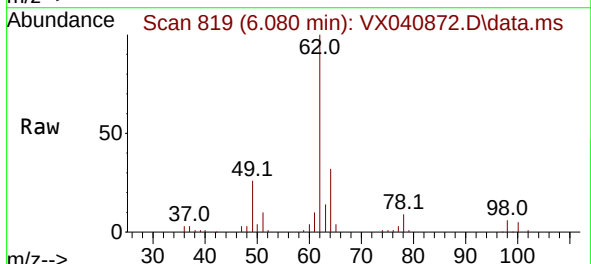
Manual Integrations
APPROVED

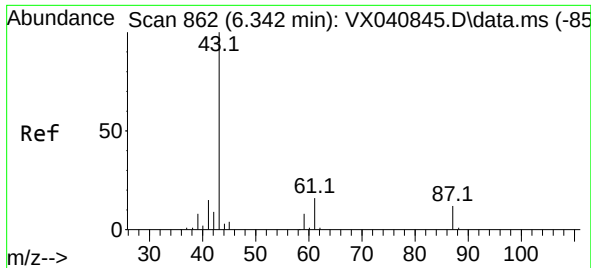
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024



#42
1,2-Dichloroethane
Concen: 52.570 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Tgt Ion: 62 Resp: 50416
Ion Ratio Lower Upper
62 100
98 7.1 0.0 16.0





#43

Isopropyl Acetate

Concen: 52.016 ug/l

RT: 6.330 min Scan# 80

Delta R.T. -0.012 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

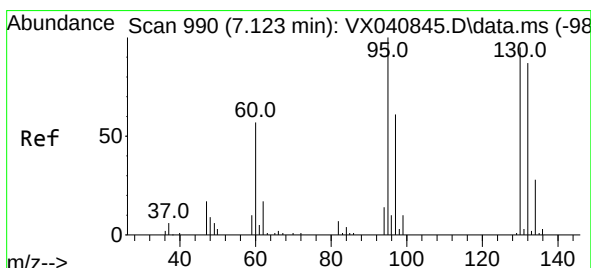
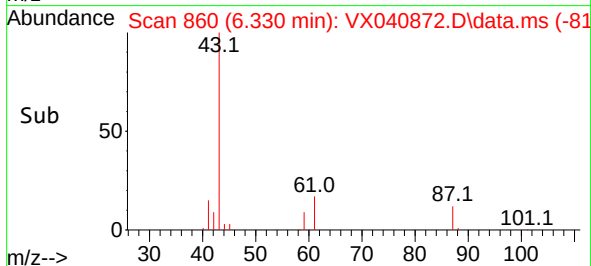
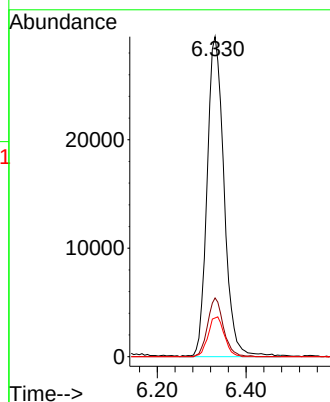
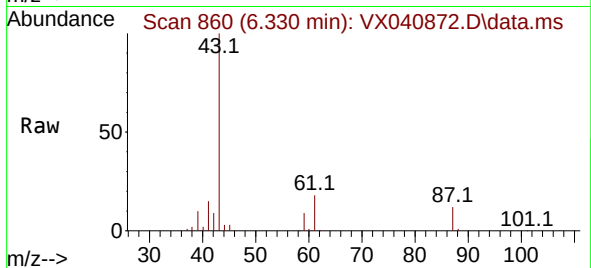
Tgt Ion: 43	Resp: 78475
Ion Ratio	Lower Upper
43 100	
61 17.1	15.2 22.8
87 11.9	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2024

Supervised By :Semsettin Yesilyurt 04/03/2024



#44

Trichloroethene

Concen: 51.465 ug/l

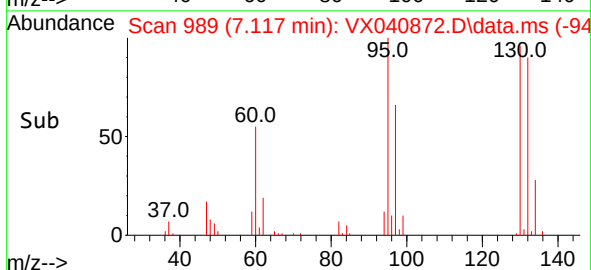
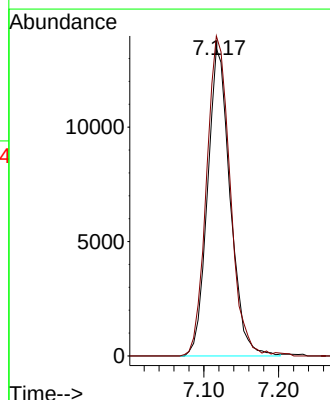
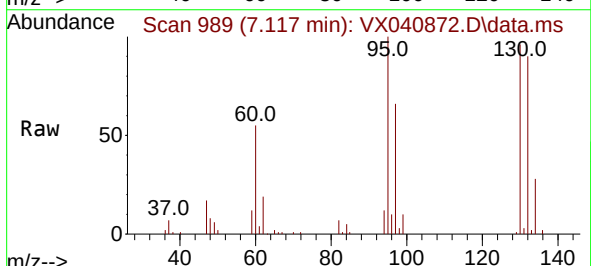
RT: 7.117 min Scan# 989

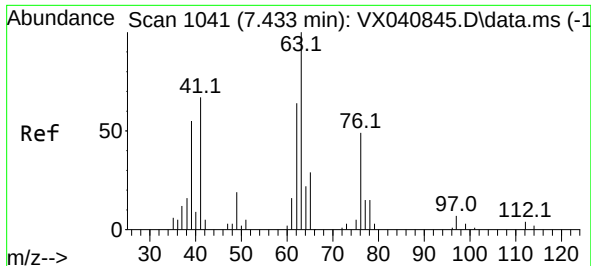
Delta R.T. -0.006 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

Tgt Ion:130	Resp: 28382
Ion Ratio	Lower Upper
130 100	
95 104.1	0.0 204.4





#45

1,2-Dichloropropane

Concen: 53.707 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 28310

Ion Ratio Lower Upper

63 100

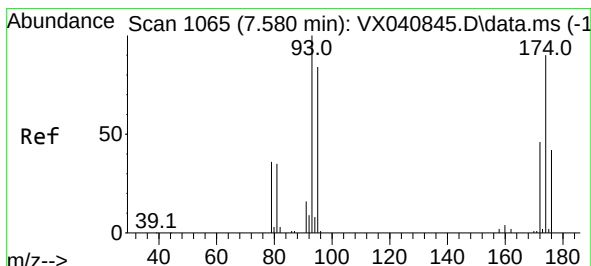
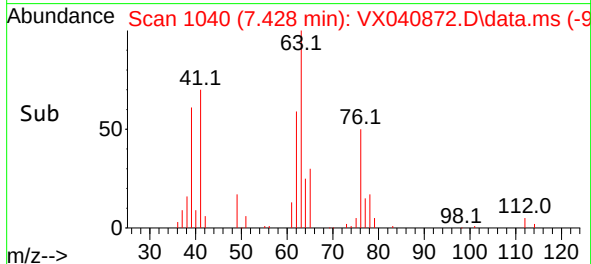
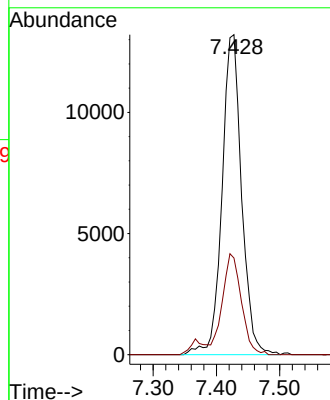
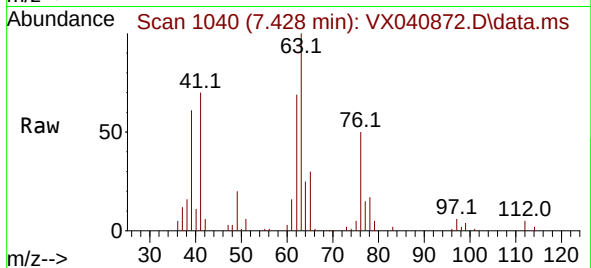
65 30.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2024

Supervised By :Semsettin Yesilyurt 04/03/2024



#46

Dibromomethane

Concen: 53.553 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

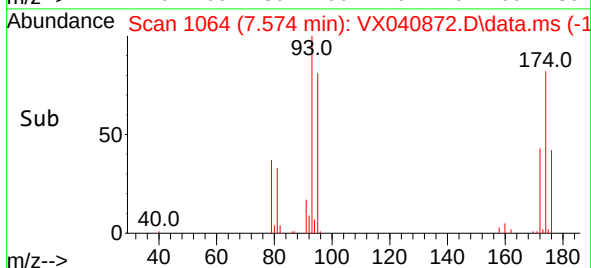
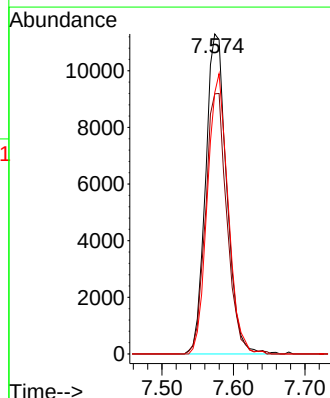
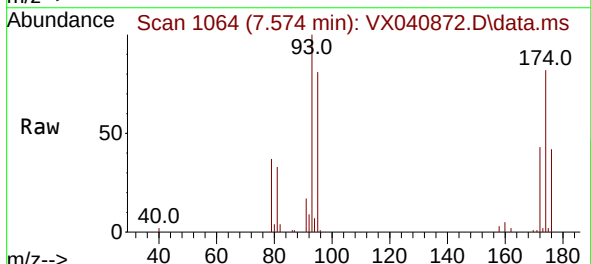
Tgt Ion: 93 Resp: 23137

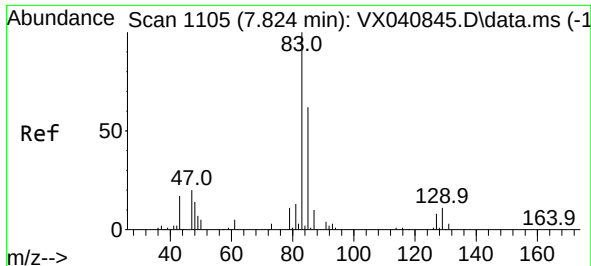
Ion Ratio Lower Upper

93 100

95 82.8 66.6 100.0

174 85.5 69.4 104.0





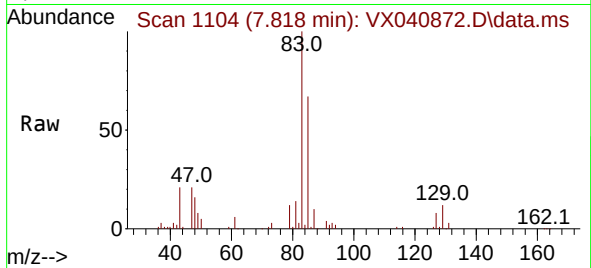
#47
Bromodichloromethane
Concen: 52.735 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



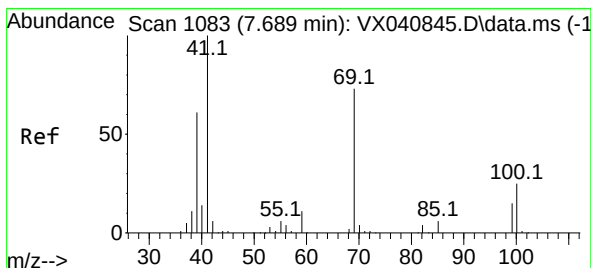
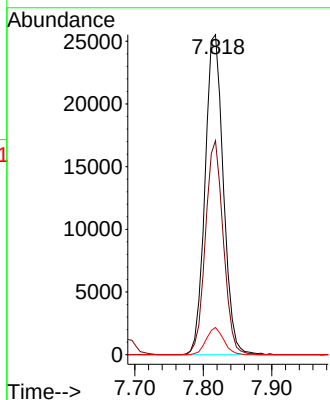
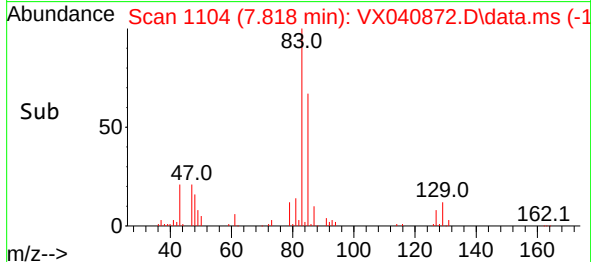
Tgt Ion: 83 Resp: 47404
Ion Ratio Lower Upper
83 100
85 66.9 49.8 74.6
127 8.5 7.1 10.7

Manual Integrations

APPROVED

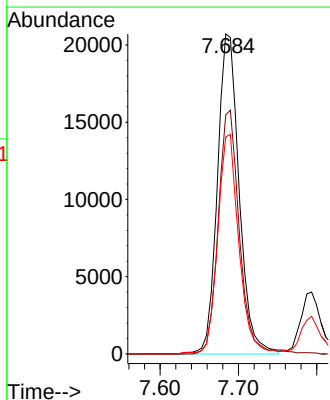
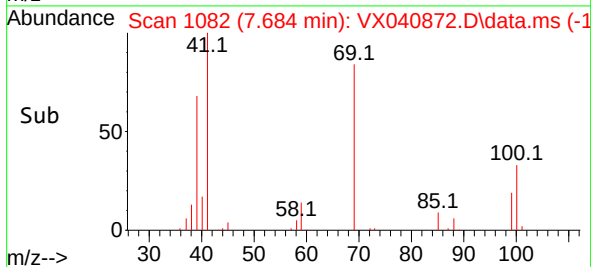
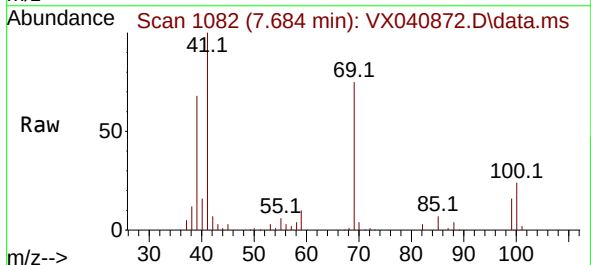
Reviewed By :John Carlone 04/03/2024

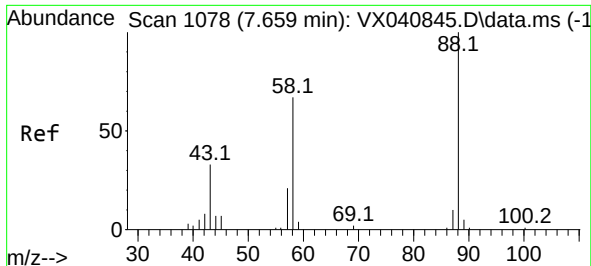
Supervised By :Semsettin Yesilyurt 04/03/2024



#48
Methyl methacrylate
Concen: 54.172 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

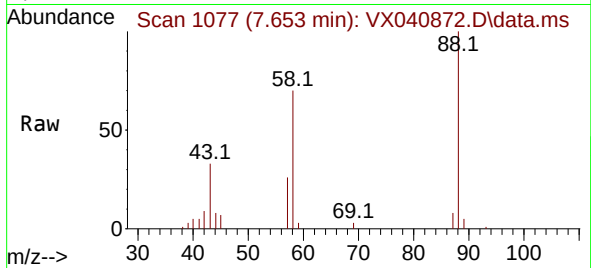
Tgt Ion: 41 Resp: 40021
Ion Ratio Lower Upper
41 100
69 74.3 59.2 88.8
39 66.6 47.7 71.5





#49
1,4-Dioxane
Concen: 1033.409 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

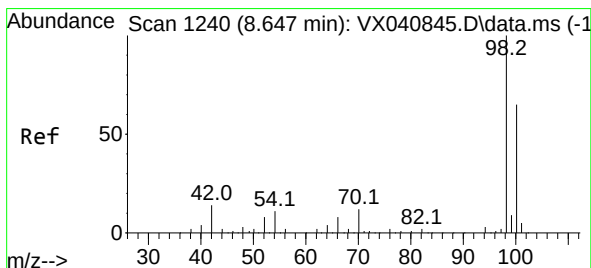
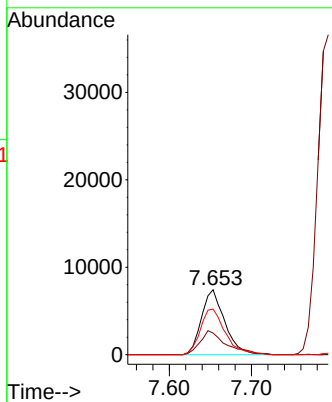
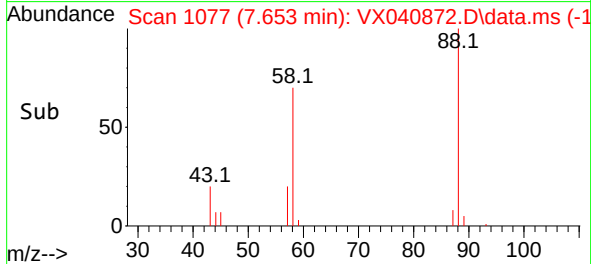
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 14569
Ion Ratio Lower Upper
88 100
43 41.2 0.0 0.0
58 74.9 60.1 90.1

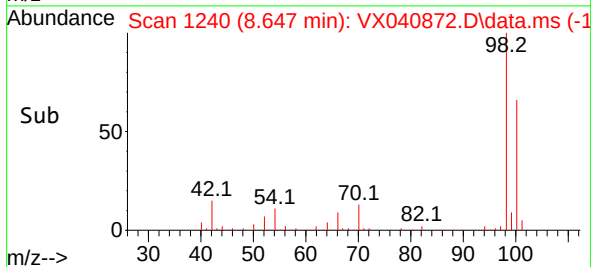
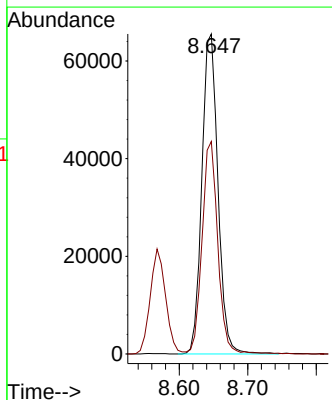
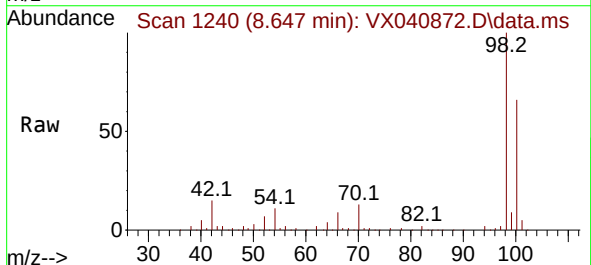
Manual Integrations
APPROVED

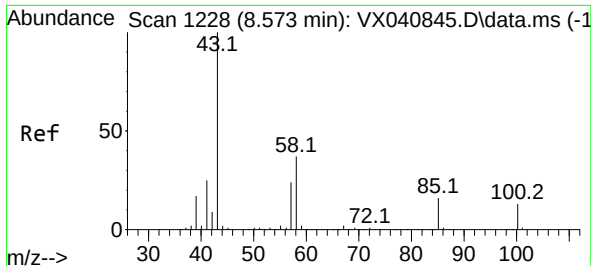
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024



#50
Toluene-d8
Concen: 52.994 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Tgt Ion: 98 Resp: 107217
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7





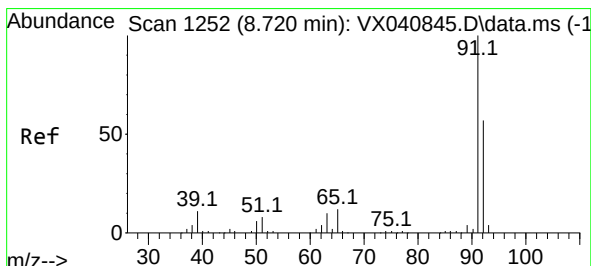
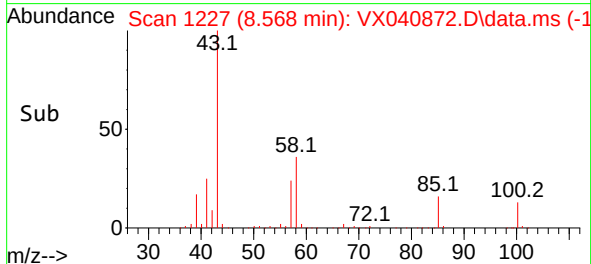
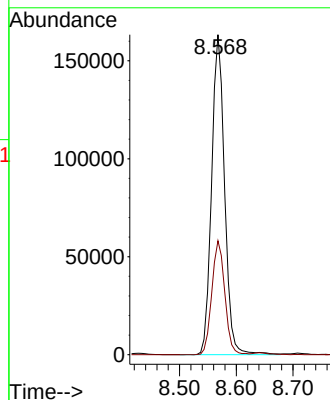
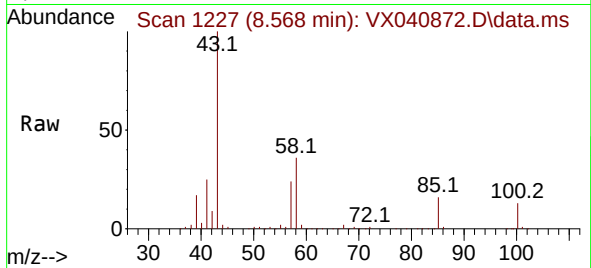
#51
4-Methyl-2-Pentanone
Concen: 259.946 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 26013
Ion Ratio Lower Upper
43 100
58 35.5 30.4 45.6

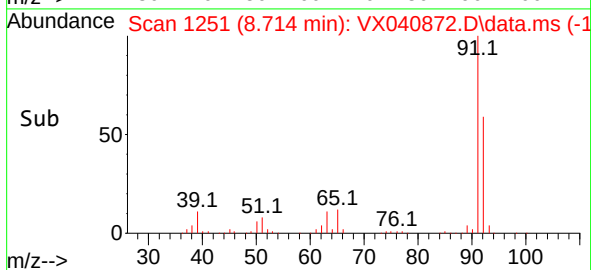
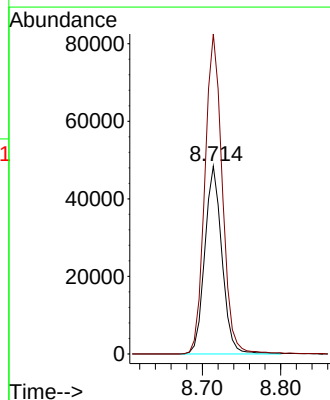
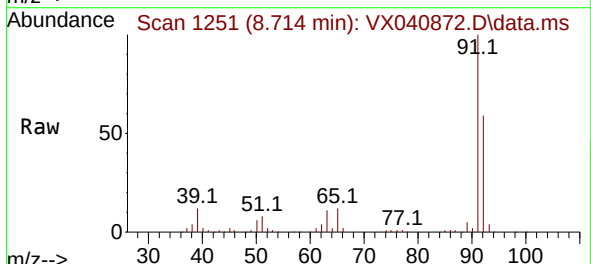
Manual Integrations
APPROVED

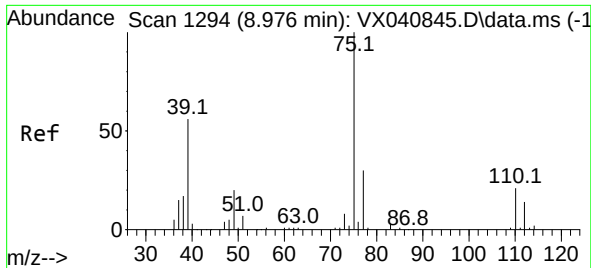
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024



#52
Toluene
Concen: 52.768 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Tgt Ion: 92 Resp: 73520
Ion Ratio Lower Upper
92 100
91 173.4 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 50.990 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

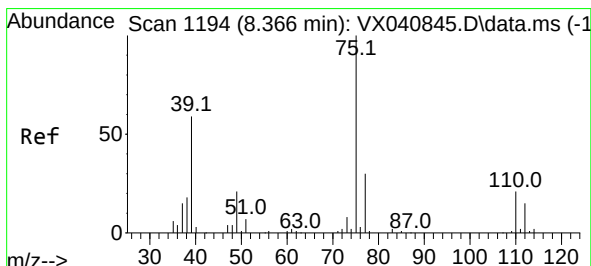
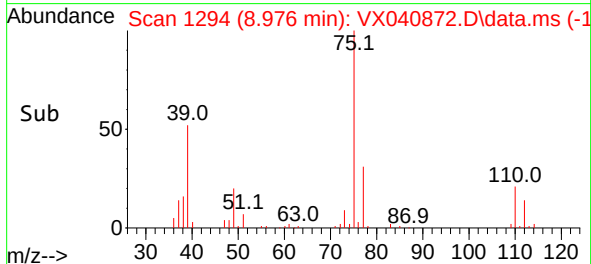
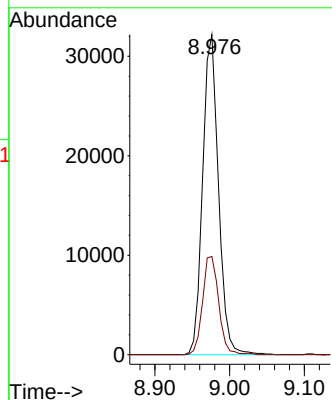
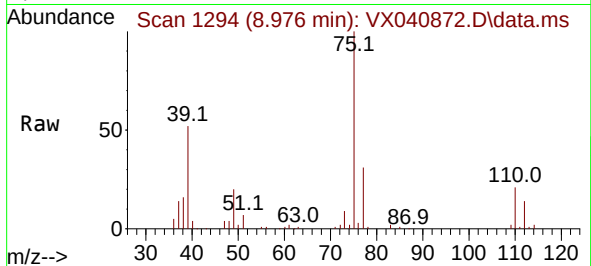
Tgt Ion: 75 Resp: 47290
Ion Ratio Lower Upper
75 100
77 30.7 25.7 38.5

Manual Integrations

APPROVED

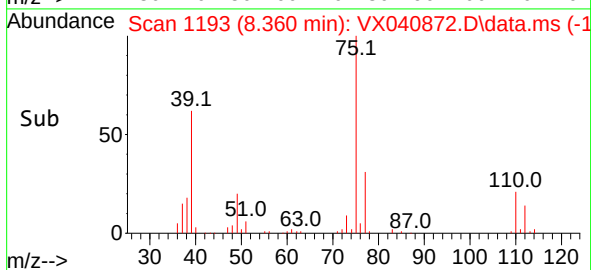
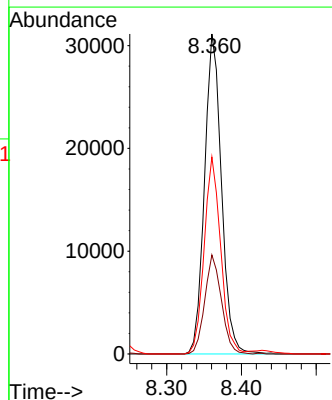
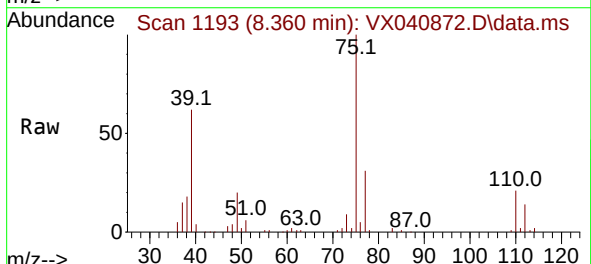
Reviewed By :John Carlone 04/03/2024

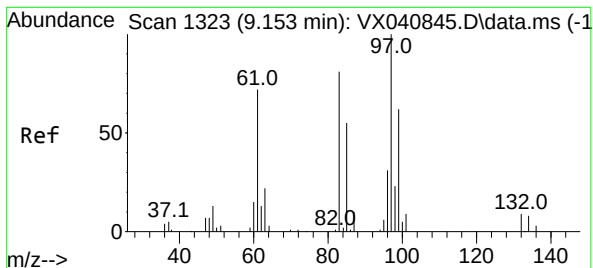
Supervised By :Semsettin Yesilyurt 04/03/2024



#54
cis-1,3-Dichloropropene
Concen: 55.005 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Tgt Ion: 75 Resp: 49027
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9
39 61.5 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 52.442 ug/l

RT: 9.147 min Scan# 1323

Delta R.T. -0.006 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

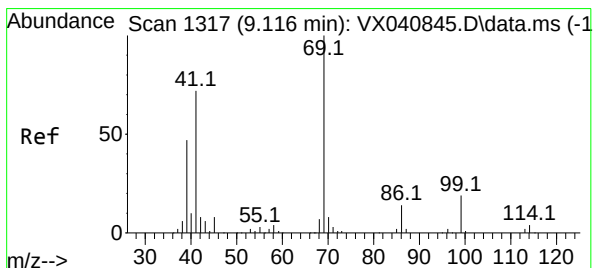
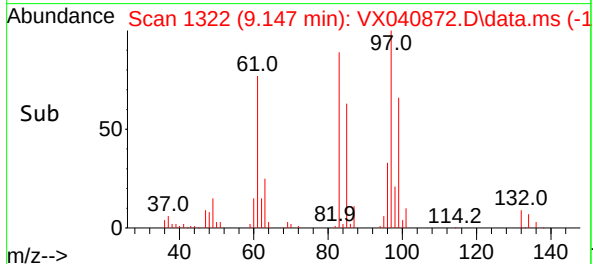
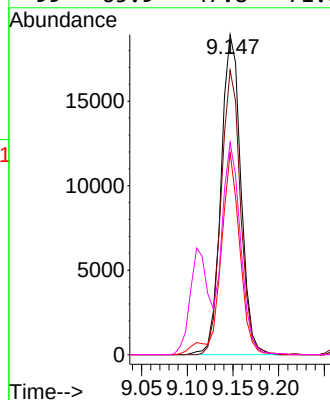
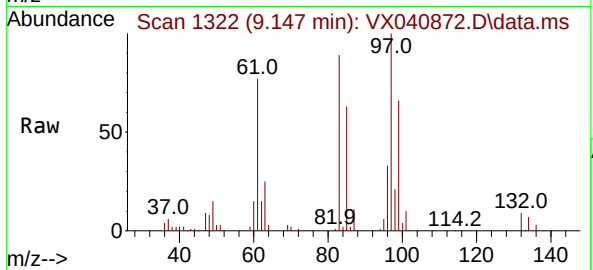
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.9	65.8	98.8
85	62.8	41.6	62.4
99	65.9	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2024

Supervised By :Semsettin Yesilyurt 04/03/2024



#56

Ethyl methacrylate

Concen: 53.165 ug/l

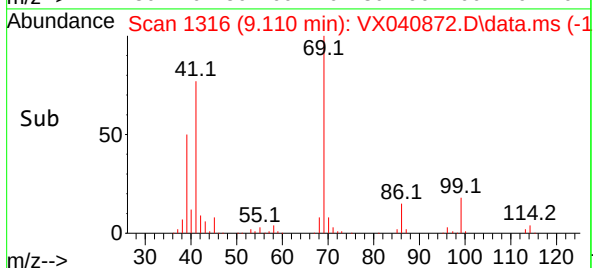
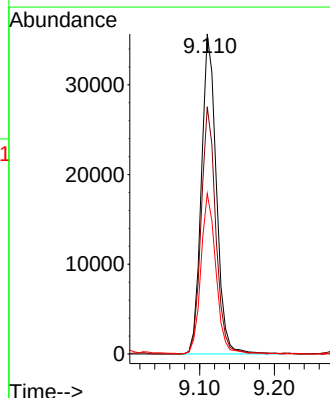
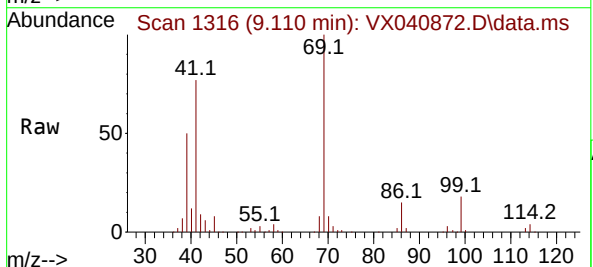
RT: 9.110 min Scan# 1316

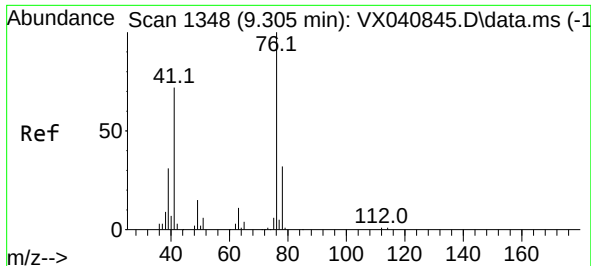
Delta R.T. -0.006 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

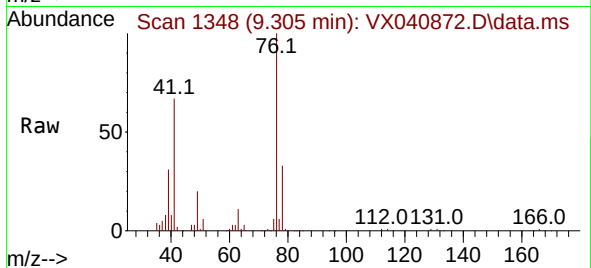
Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.8	56.8	85.2
39	50.3	32.0	48.0





#57
1,3-Dichloropropane
Concen: 52.484 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

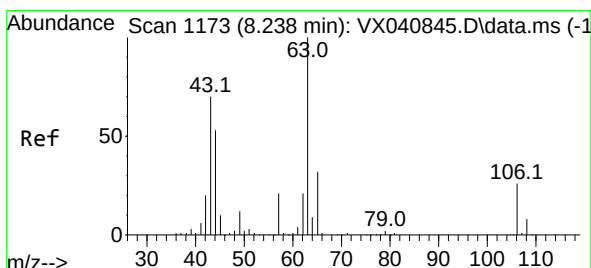
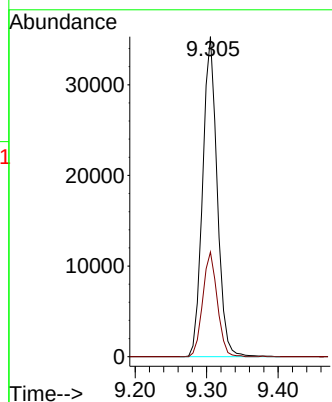
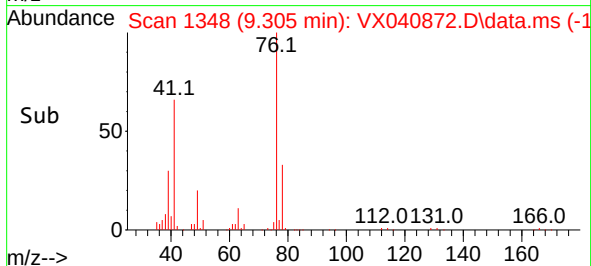
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



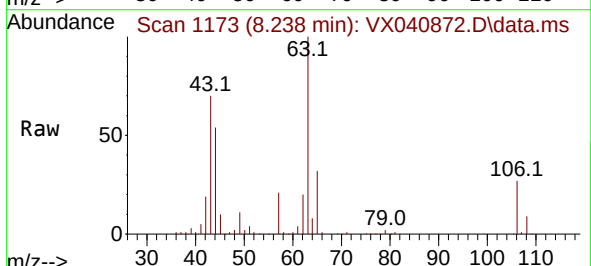
Tgt Ion: 76 Resp: 49909
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1

Manual Integrations
APPROVED

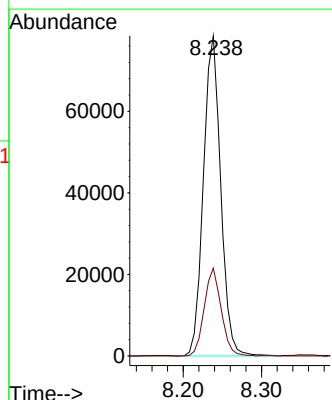
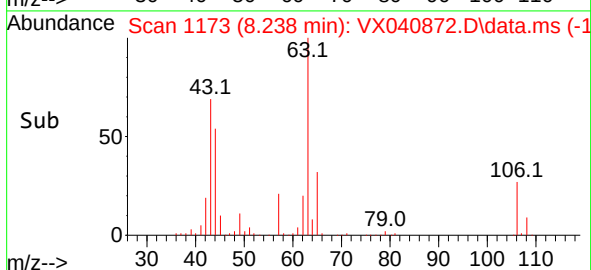
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024

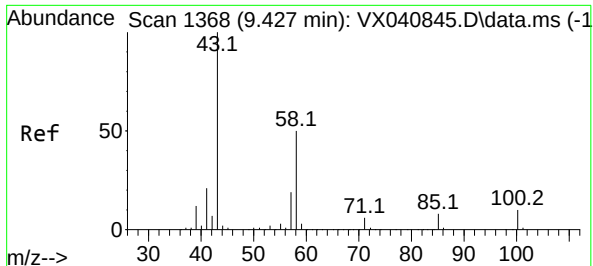


#58
2-Chloroethyl Vinyl ether
Concen: 266.046 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56



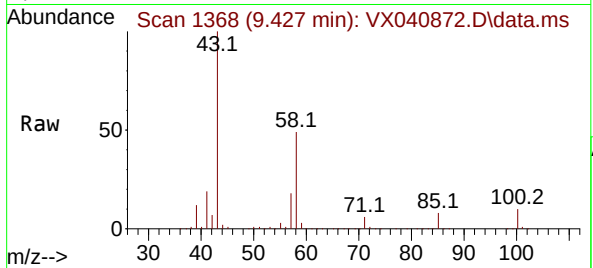
Tgt Ion: 63 Resp: 120418
Ion Ratio Lower Upper
63 100
106 26.8 22.5 33.7





#59
2-Hexanone
Concen: 259.829 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

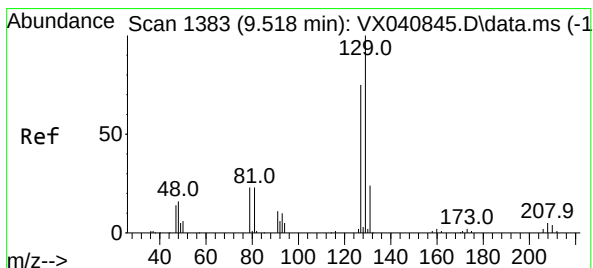
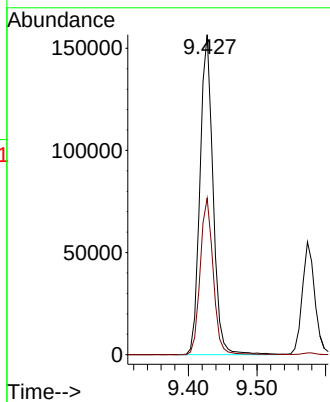
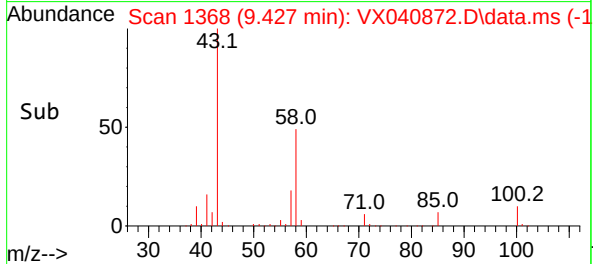
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 20853
Ion Ratio Lower Upper
43 100
58 48.7 26.2 78.5

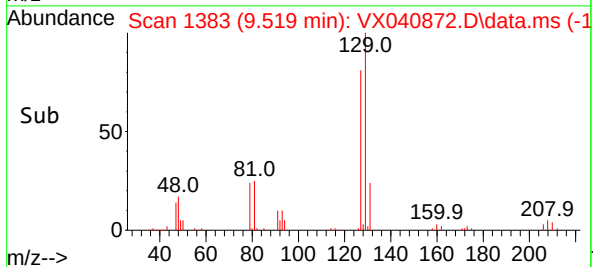
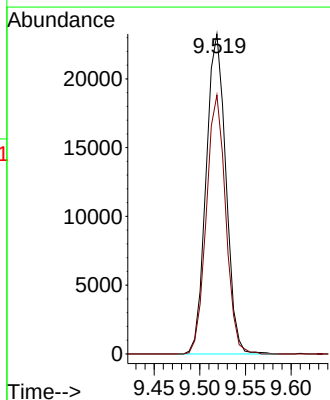
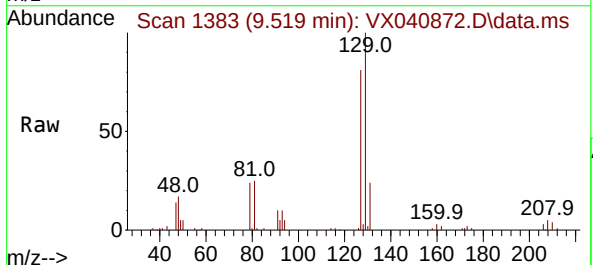
Manual Integrations
APPROVED

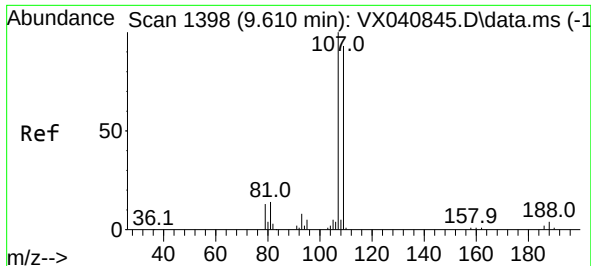
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024



#60
Dibromochloromethane
Concen: 53.660 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Tgt Ion:129 Resp: 34830
Ion Ratio Lower Upper
129 100
127 79.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.148 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

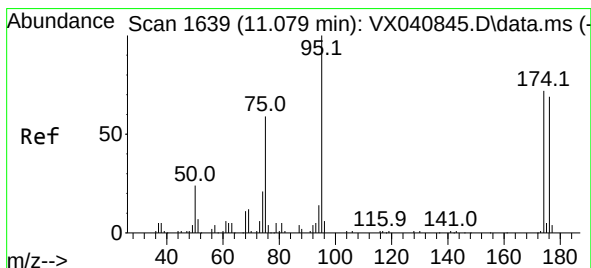
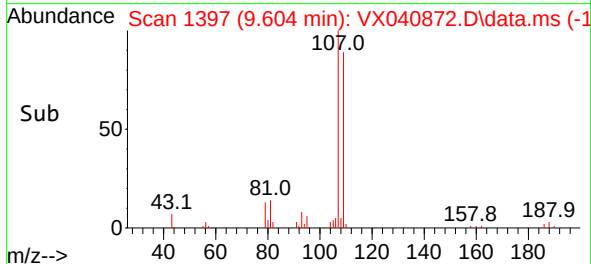
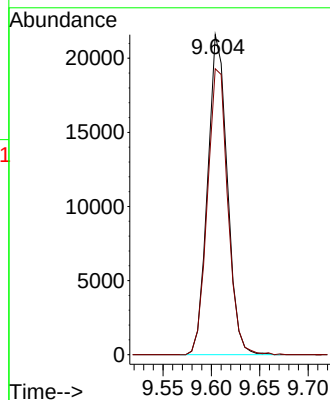
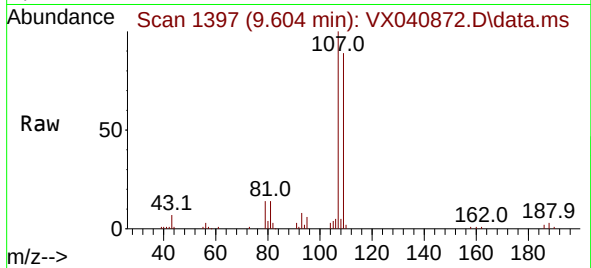
Tgt Ion:107 Resp: 3059
Ion Ratio Lower Upper
107 100
109 92.9 75.2 112.8

Manual Integrations

APPROVED

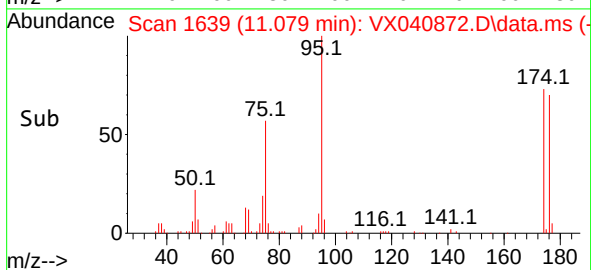
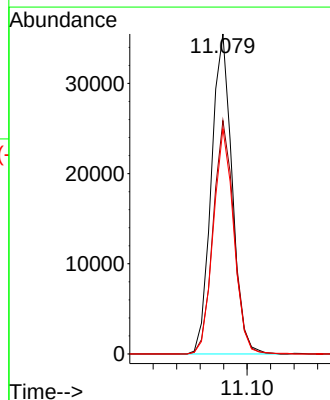
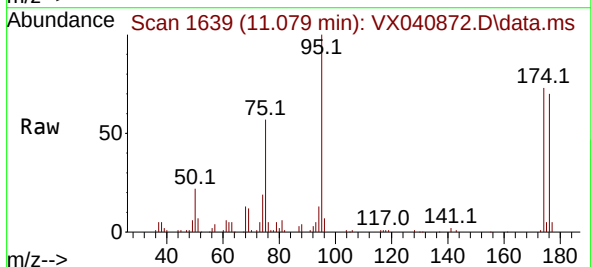
Reviewed By :John Carlone 04/03/2024

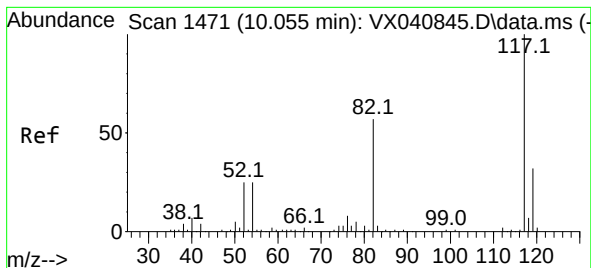
Supervised By :Semsettin Yesilyurt 04/03/2024



#62
4-Bromofluorobenzene
Concen: 53.778 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Tgt Ion: 95 Resp: 43450
Ion Ratio Lower Upper
95 100
174 73.1 0.0 135.6
176 69.7 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.006 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 7498

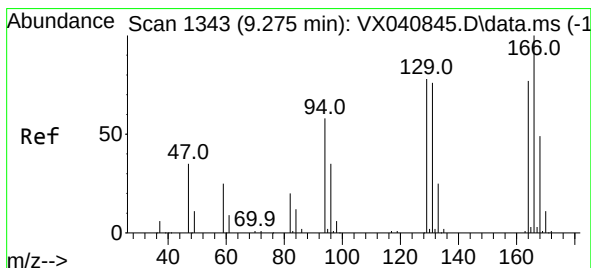
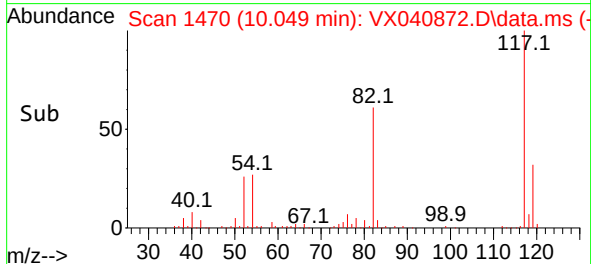
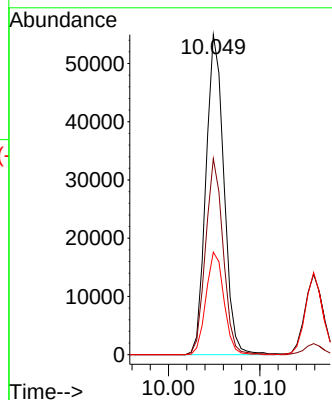
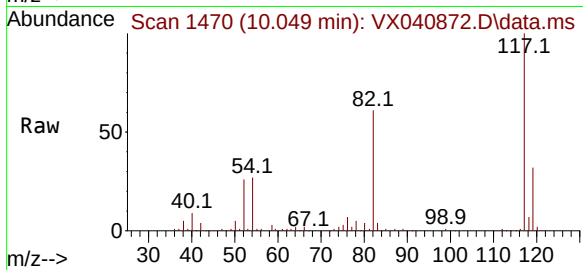
Ion	Ratio	Lower	Upper
117	100		
82	61.3	46.2	69.4
119	32.0	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2024

Supervised By :Semsettin Yesilyurt 04/03/2024



#64

Tetrachloroethene

Concen: 51.092 ug/l

RT: 9.269 min Scan# 1342

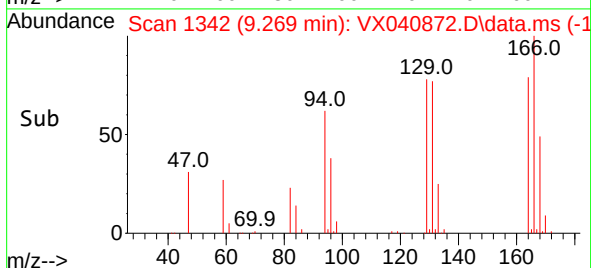
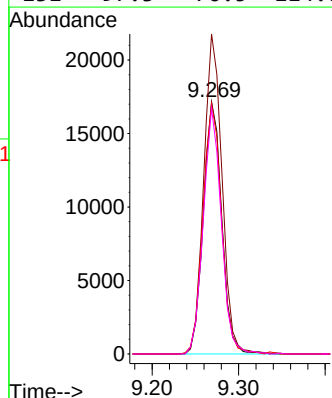
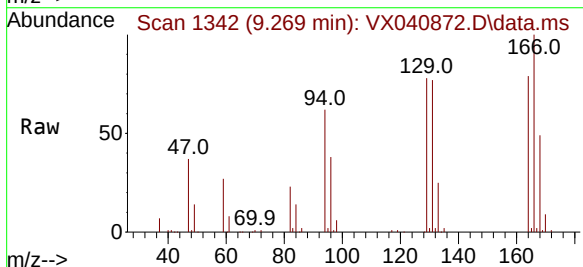
Delta R.T. -0.006 min

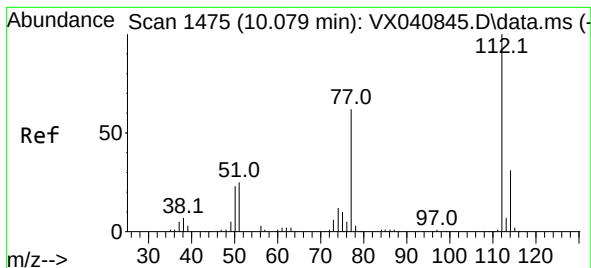
Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

Tgt Ion:164 Resp: 25352

Ion	Ratio	Lower	Upper
164	100		
166	126.8	102.7	154.1
129	99.4	80.4	120.6
131	97.3	76.5	114.7





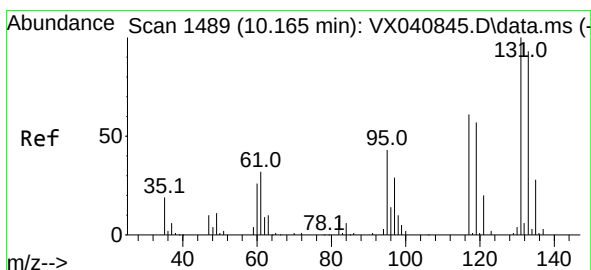
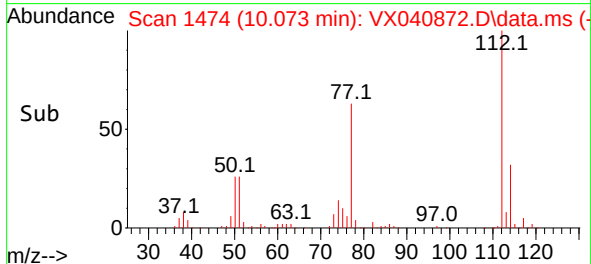
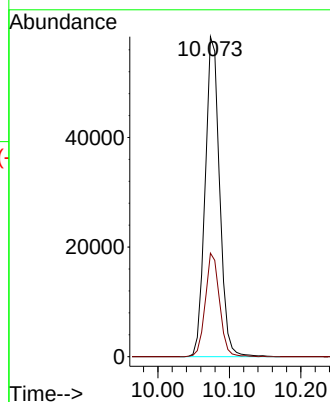
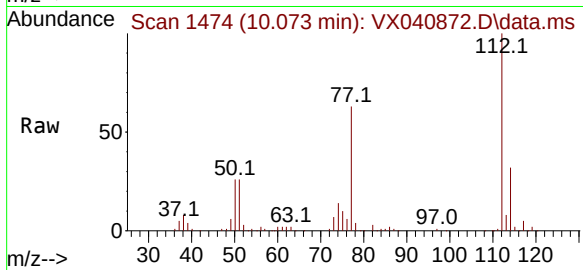
#65
Chlorobenzene
Concen: 50.120 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 82192
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

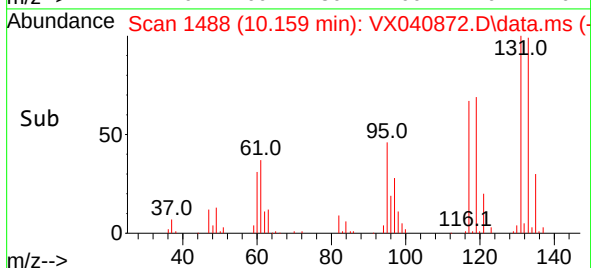
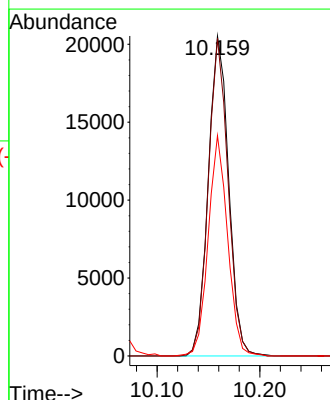
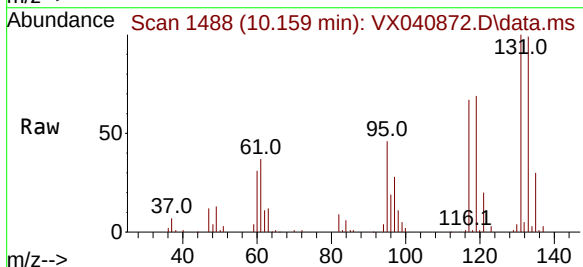
Manual Integrations
APPROVED

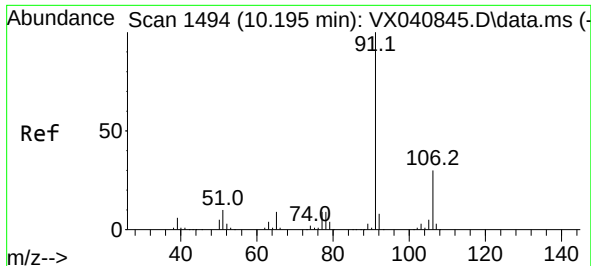
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 52.013 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Tgt Ion:131 Resp: 28312
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.4
119 65.4 32.2 96.6





#67

Ethyl Benzene

Concen: 51.584 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 15085

Ion Ratio Lower Upper

91 100

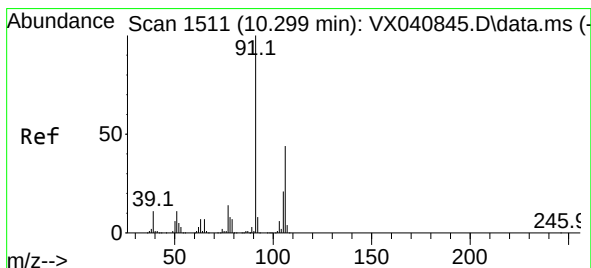
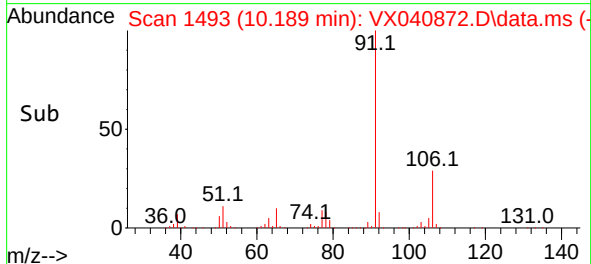
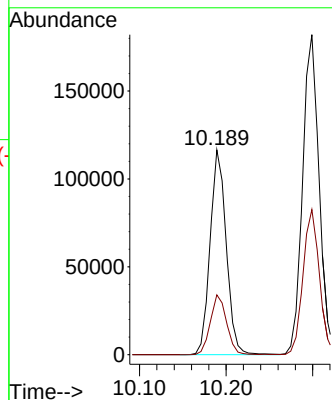
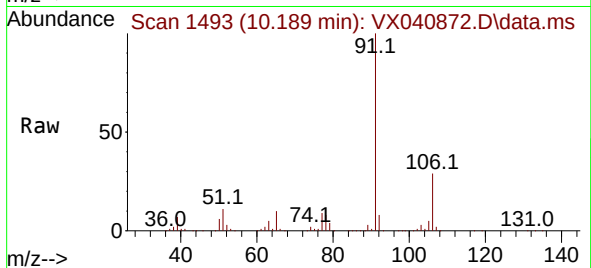
106 29.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2024

Supervised By :Semsettin Yesilyurt 04/03/2024



#68

m/p-Xylenes

Concen: 102.674 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX040872.D

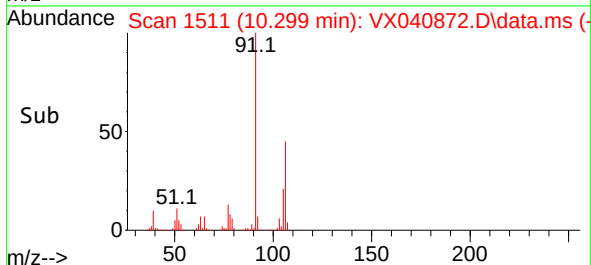
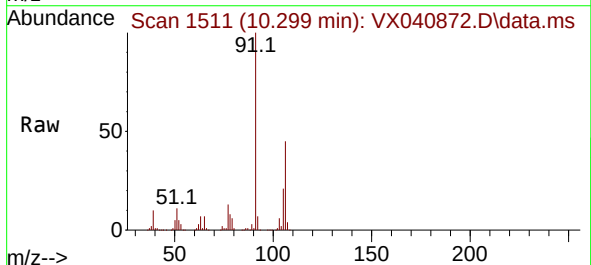
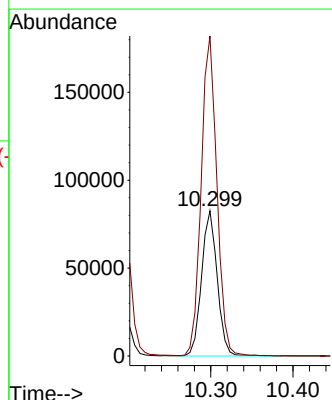
Acq: 03 Apr 2024 15:56

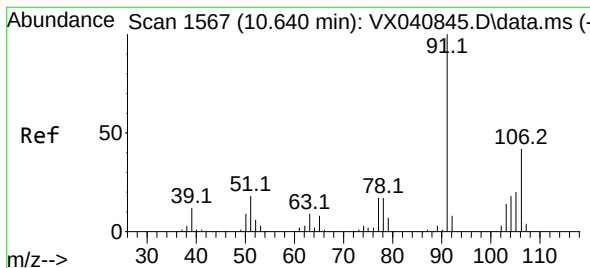
Tgt Ion:106 Resp: 109252

Ion Ratio Lower Upper

106 100

91 221.6 165.5 248.3





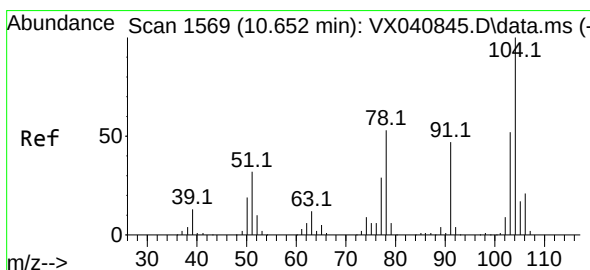
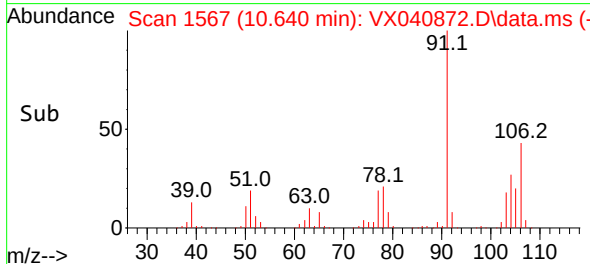
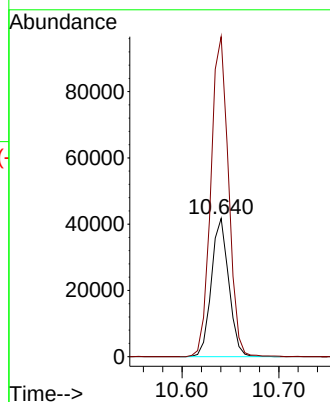
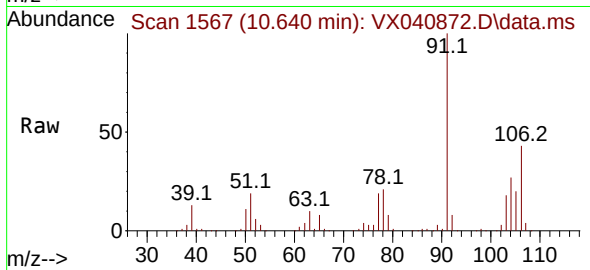
#69
o-Xylene
Concen: 52.063 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 52190
Ion Ratio Lower Upper
106 100
91 235.5 108.9 326.8

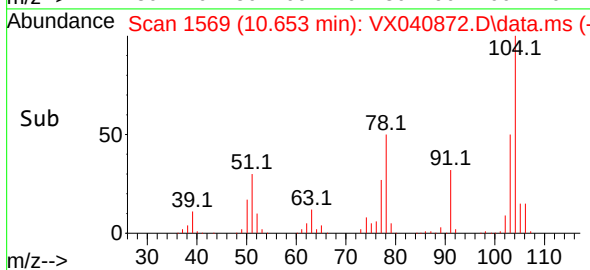
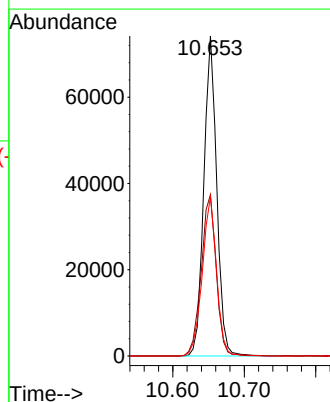
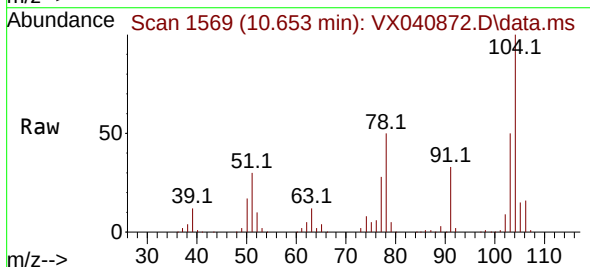
Manual Integrations
APPROVED

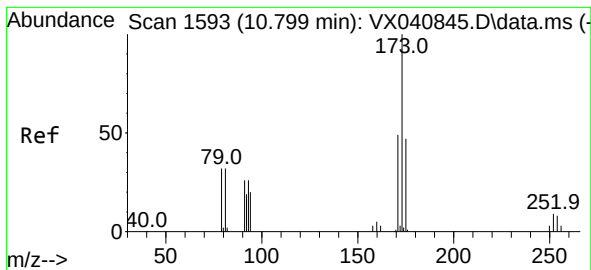
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024



#70
Styrene
Concen: 53.593 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

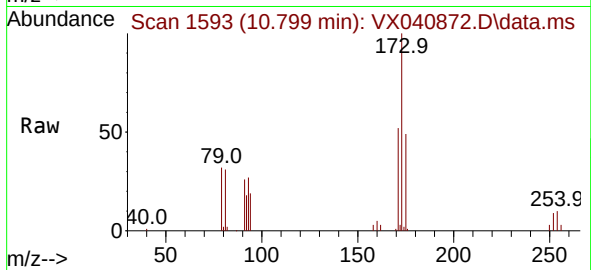
Tgt Ion:104 Resp: 93096
Ion Ratio Lower Upper
104 100
78 58.4 43.6 65.4
103 55.2 43.6 65.4





#71
Bromoform
Concen: 50.307 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

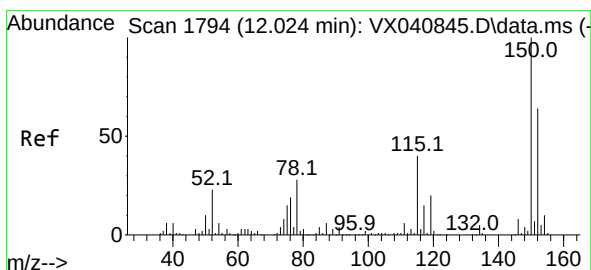
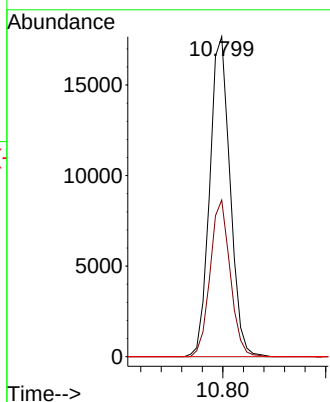
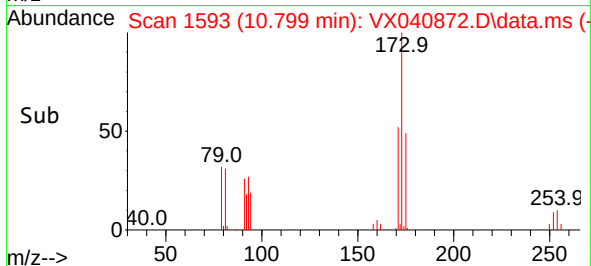
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



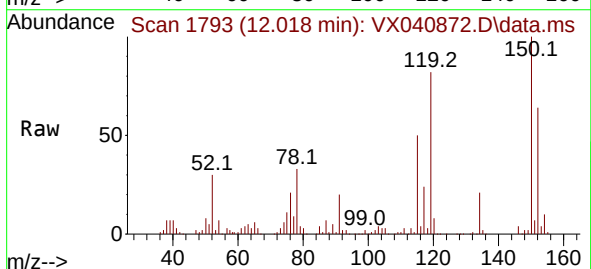
Tgt Ion:173 Resp: 24260
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

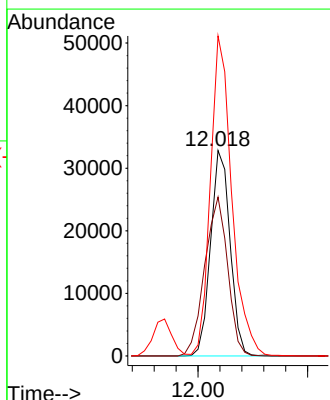
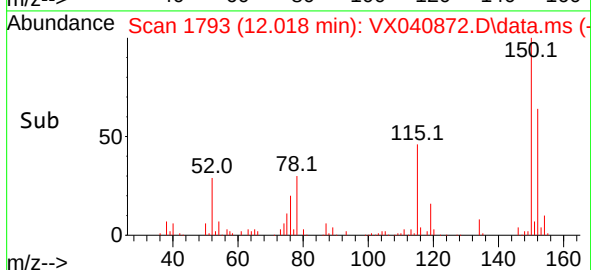
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024

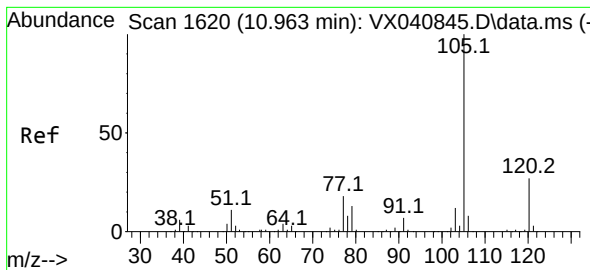


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56



Tgt Ion:152 Resp: 40568
Ion Ratio Lower Upper
152 100
115 90.8 43.3 129.9
150 170.8 0.0 345.0





#73

Isopropylbenzene

Concen: 50.696 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 143639

Ion Ratio Lower Upper

105 100

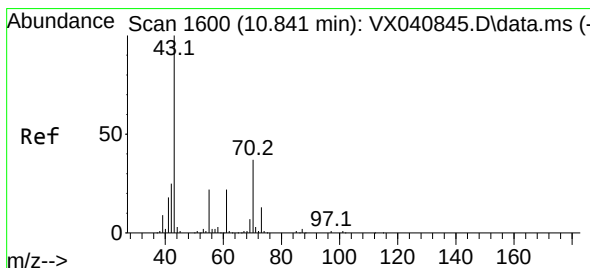
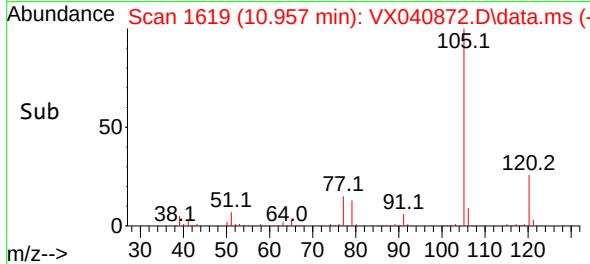
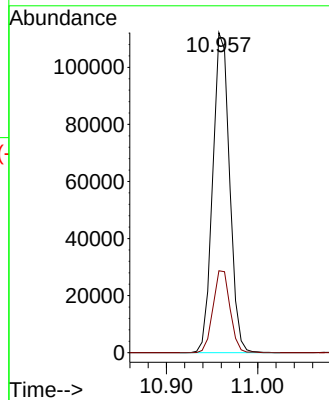
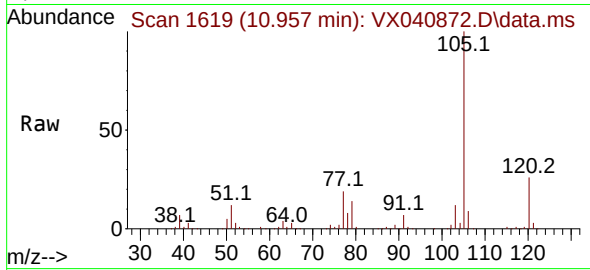
120 25.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2024

Supervised By :Semsettin Yesilyurt 04/03/2024



#74

N-ethyl acetate

Concen: 51.957 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

Tgt Ion: 43 Resp: 74564

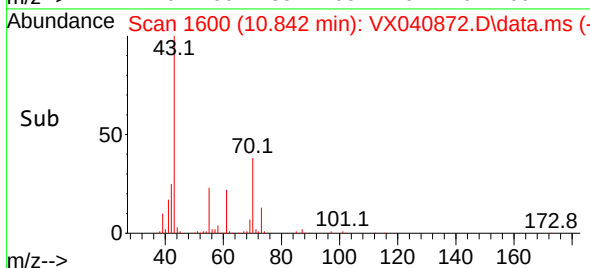
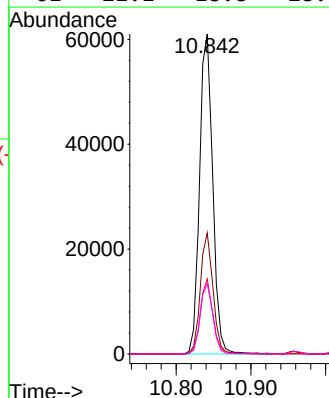
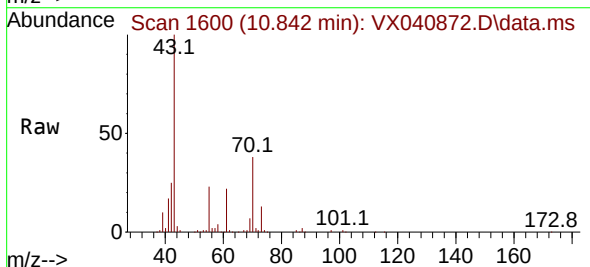
Ion Ratio Lower Upper

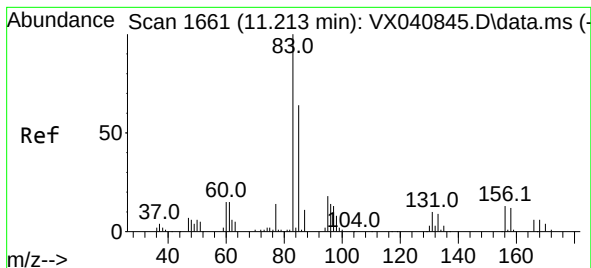
43 100

70 36.4 32.9 49.3

55 22.4 19.3 28.9

61 21.1 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.746 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 4819

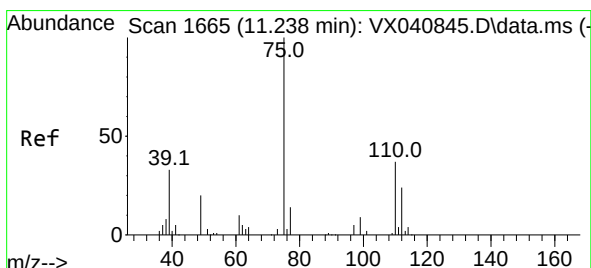
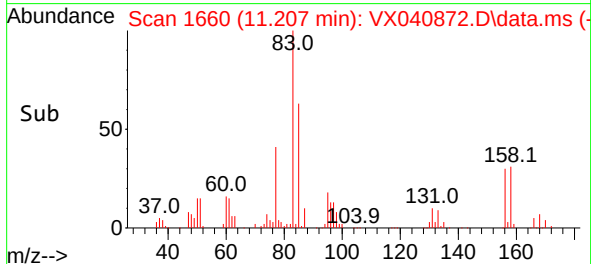
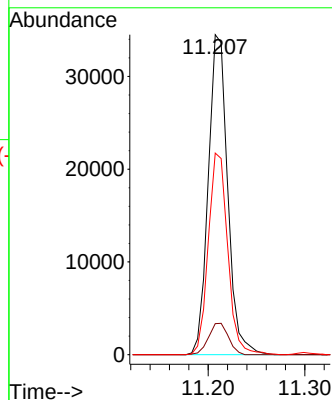
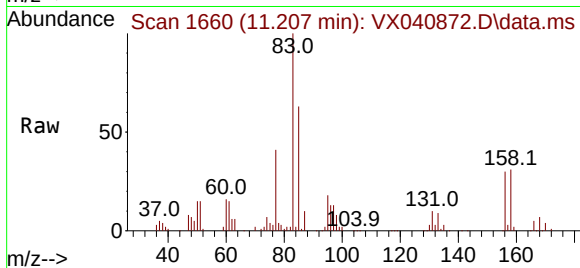
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.3	15.8
85	63.1	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2024

Supervised By :Semsettin Yesilyurt 04/03/2024



#76

1,2,3-Trichloropropane

Concen: 49.872 ug/l m

RT: 11.238 min Scan# 1665

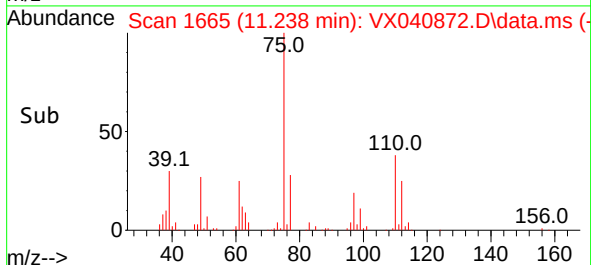
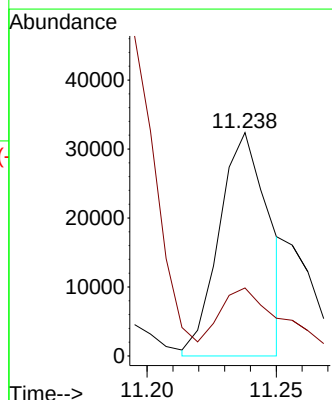
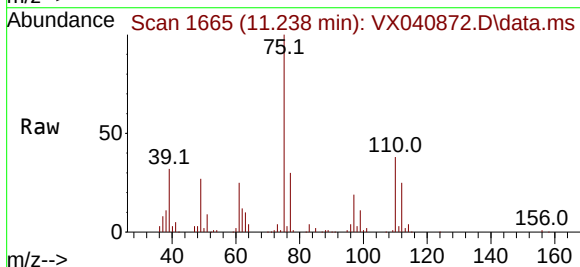
Delta R.T. 0.000 min

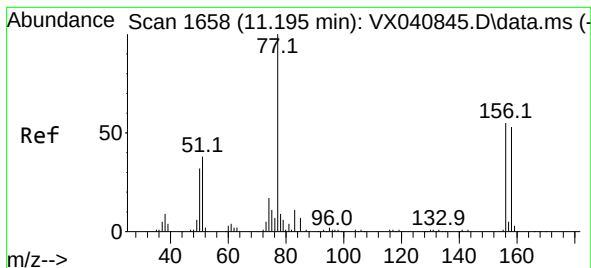
Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

Tgt Ion: 75 Resp: 43143

Ion	Ratio	Lower	Upper
75	100		
77	40.5	19.1	57.5





#77

Bromobenzene

Concen: 50.834 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 3378

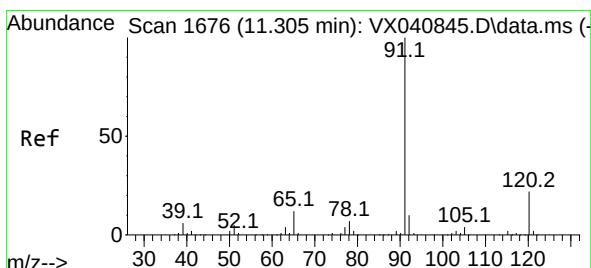
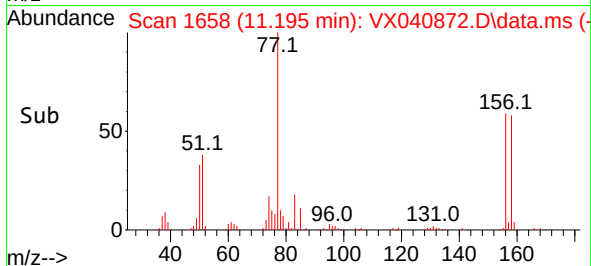
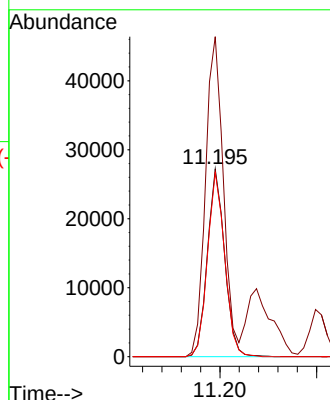
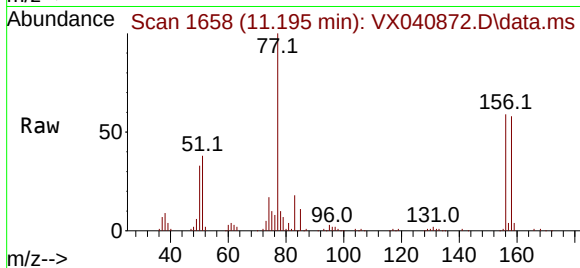
Ion	Ratio	Lower	Upper
156	100		
77	176.5	88.4	265.3
158	98.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2024

Supervised By :Semsettin Yesilyurt 04/03/2024



#78

n-propylbenzene

Concen: 50.795 ug/l

RT: 11.299 min Scan# 1675

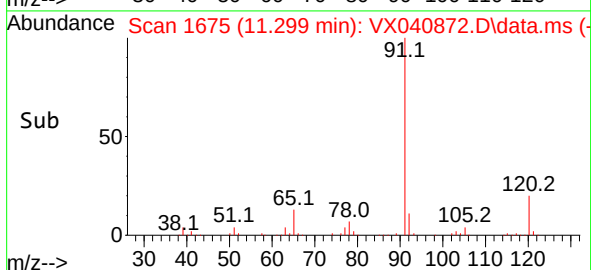
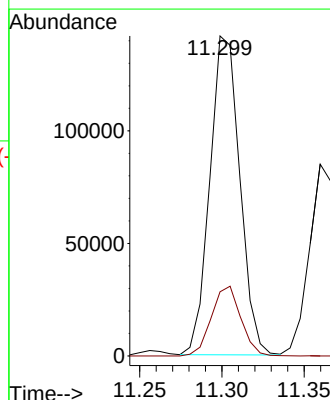
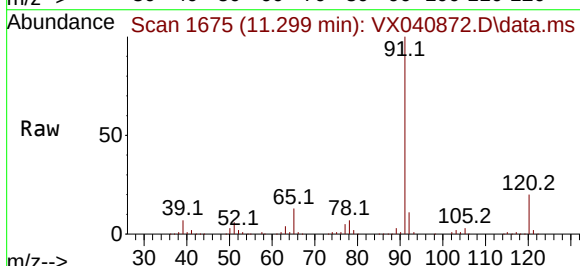
Delta R.T. -0.006 min

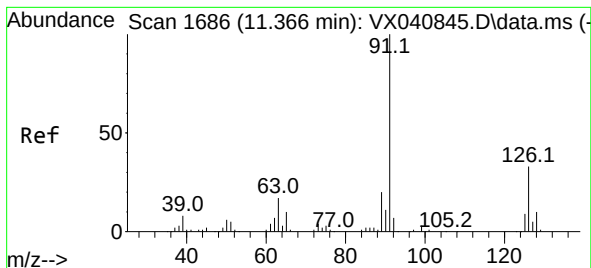
Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

Tgt Ion: 91 Resp: 179866

Ion	Ratio	Lower	Upper
91	100		
120	21.4	11.5	34.4





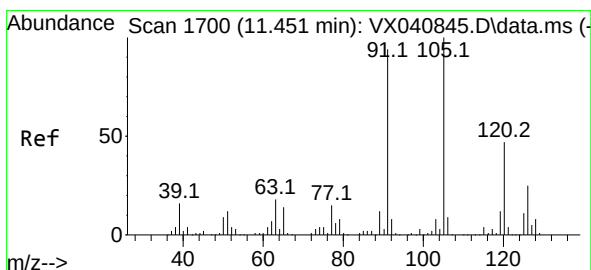
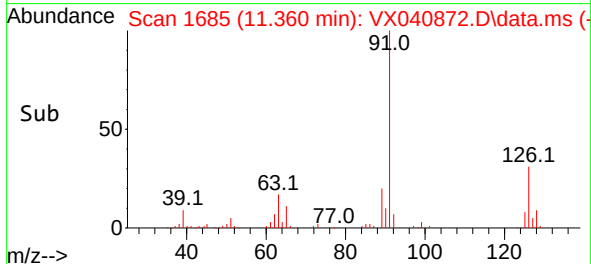
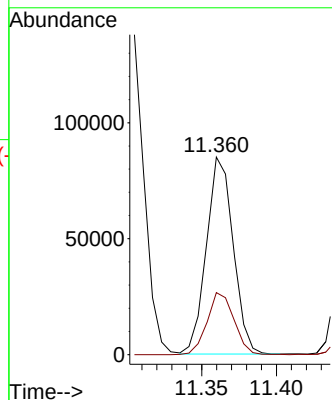
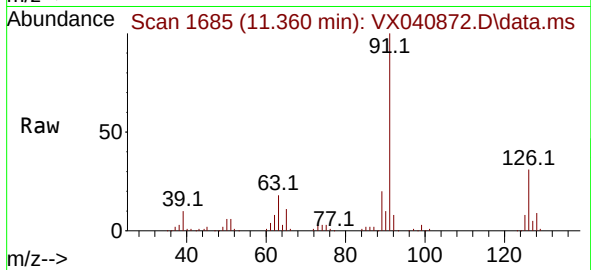
#79
2-Chlorotoluene
Concen: 50.135 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 10594
Ion Ratio Lower Upper
91 100
126 31.6 16.3 48.8

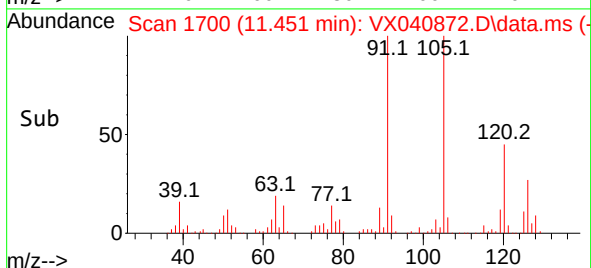
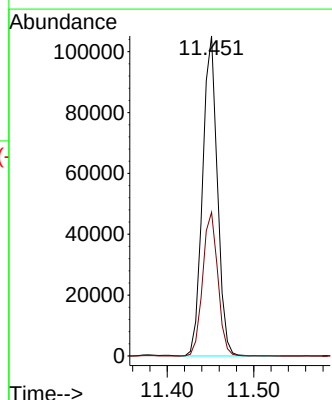
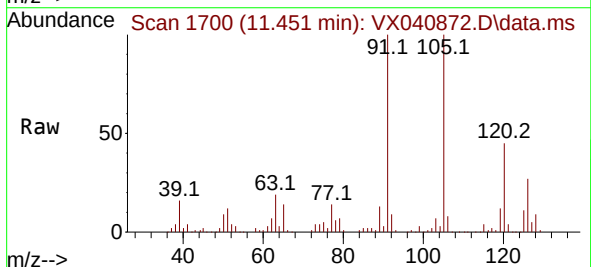
Manual Integrations
APPROVED

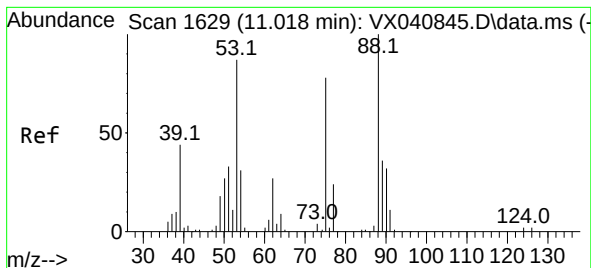
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.604 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Tgt Ion:105 Resp: 124879
Ion Ratio Lower Upper
105 100
120 45.8 24.1 72.3





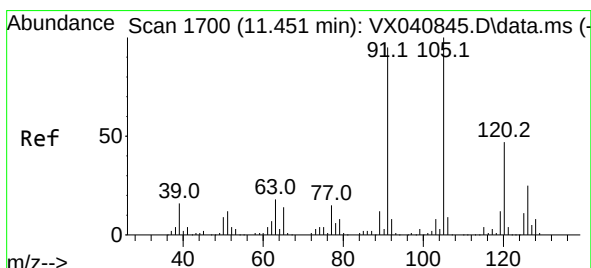
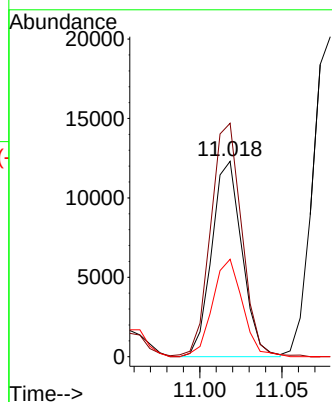
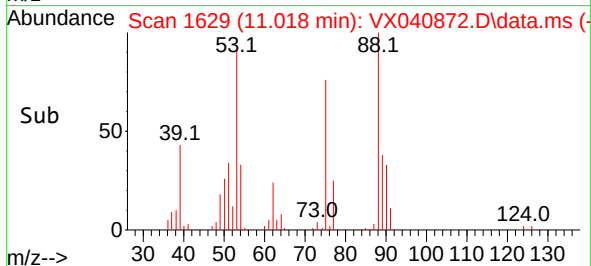
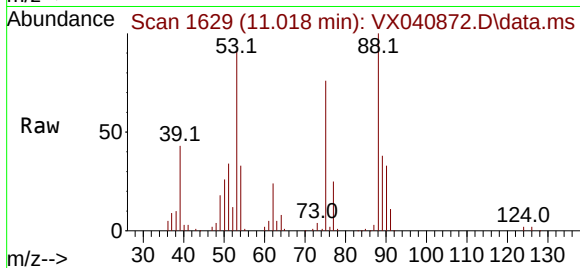
#81
trans-1,4-Dichloro-2-butene
Concen: 49.237 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 1578
Ion Ratio Lower Upper
75 100
53 122.5 90.5 135.7
89 49.4 36.9 55.3

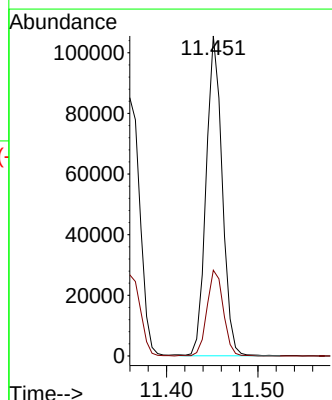
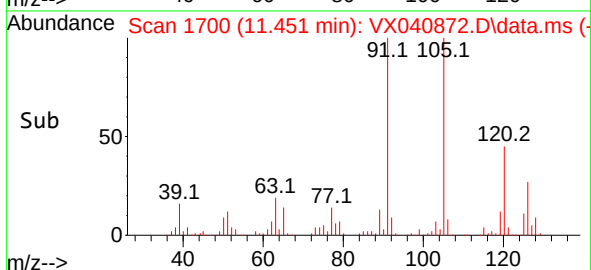
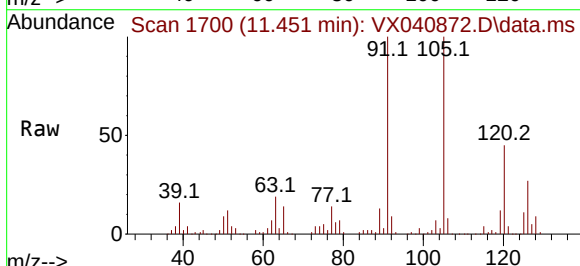
Manual Integrations
APPROVED

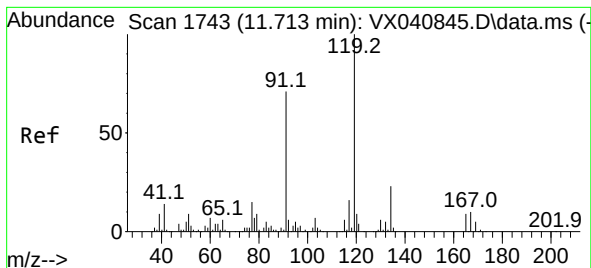
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024



#82
4-Chlorotoluene
Concen: 51.027 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Tgt Ion: 91 Resp: 128741
Ion Ratio Lower Upper
91 100
126 27.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.376 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 120938

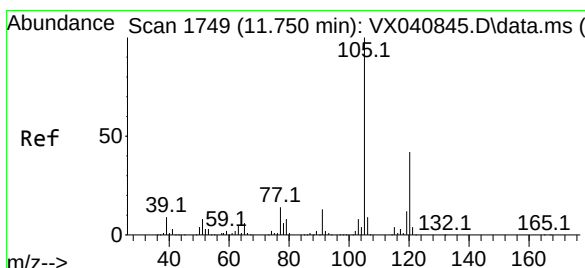
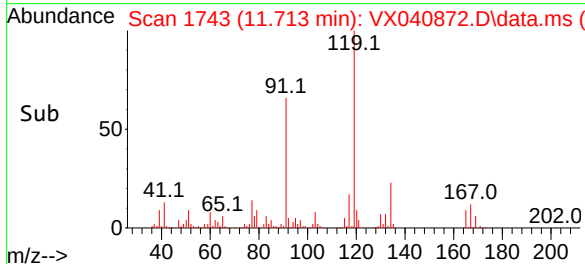
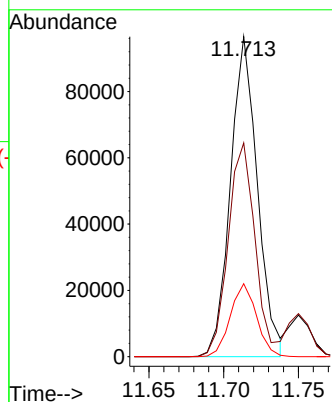
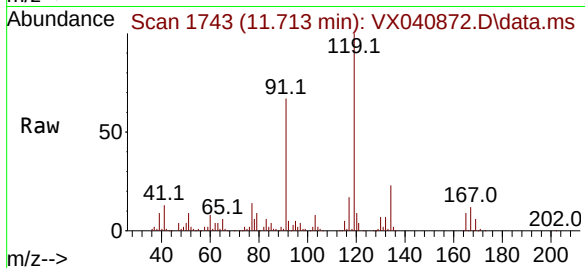
Ion	Ratio	Lower	Upper
119	100		
91	67.1	31.2	93.6
134	22.3	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2024

Supervised By :Semsettin Yesilyurt 04/03/2024



#84

1,2,4-Trimethylbenzene

Concen: 51.307 ug/l

RT: 11.750 min Scan# 1749

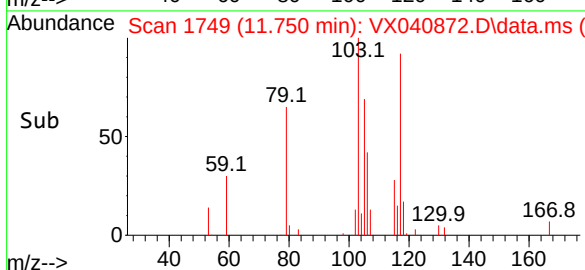
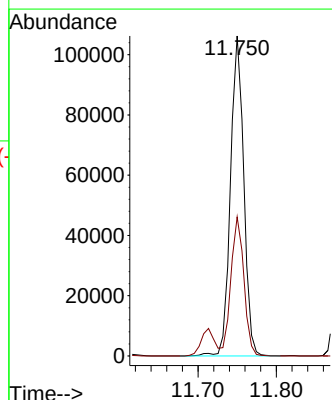
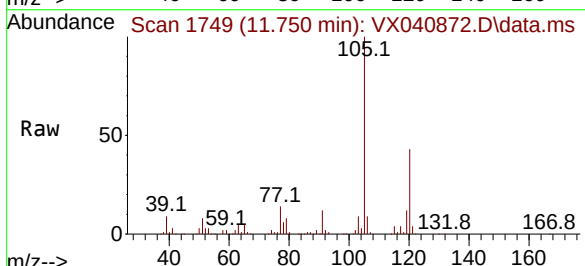
Delta R.T. 0.000 min

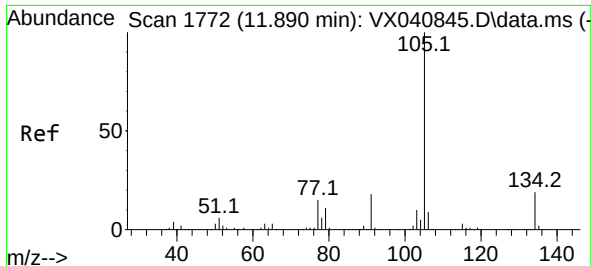
Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

Tgt Ion:105 Resp: 125078

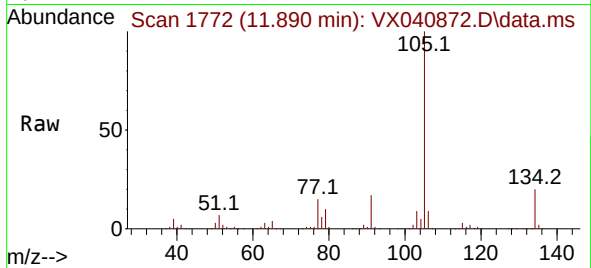
Ion	Ratio	Lower	Upper
105	100		
120	42.7	21.2	63.6





#85
sec-Butylbenzene
Concen: 51.379 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

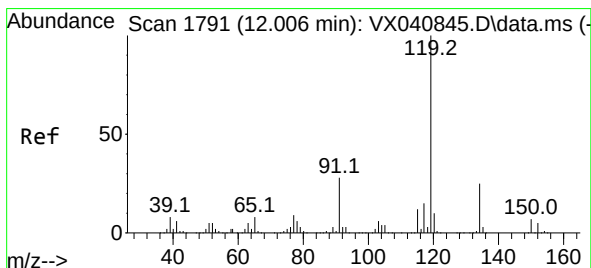
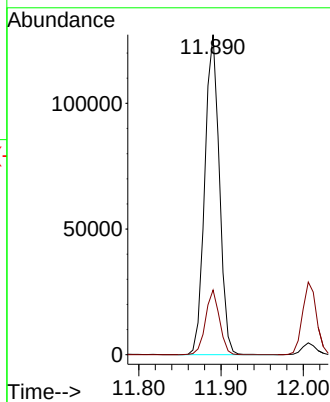
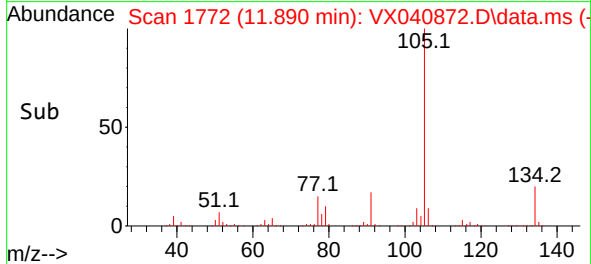
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 15665
Ion Ratio Lower Upper
105 100
134 19.3 9.8 29.4

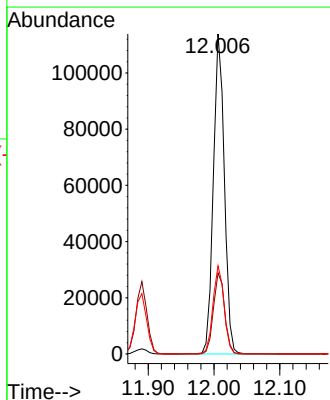
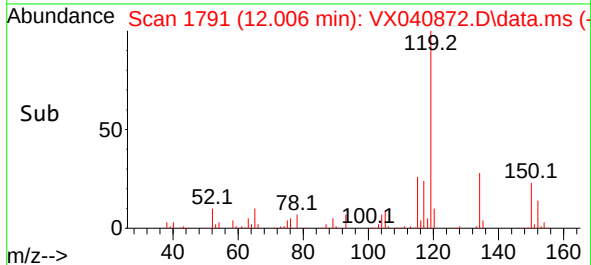
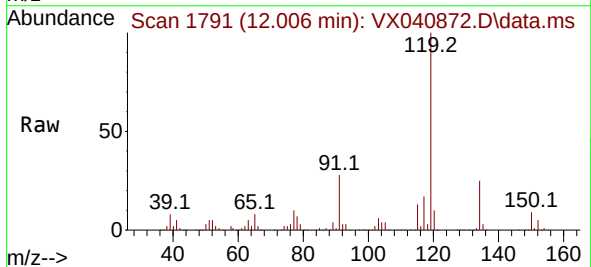
Manual Integrations
APPROVED

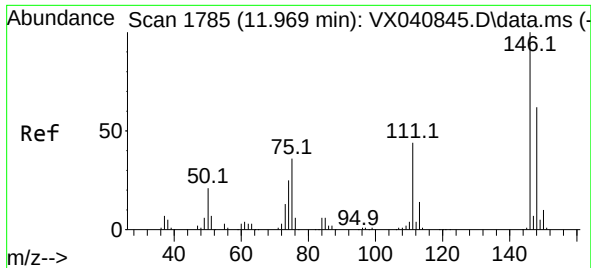
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024



#86
p-Isopropyltoluene
Concen: 51.752 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Tgt Ion:119 Resp: 132345
Ion Ratio Lower Upper
119 100
134 25.7 12.8 38.3
91 27.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.485 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

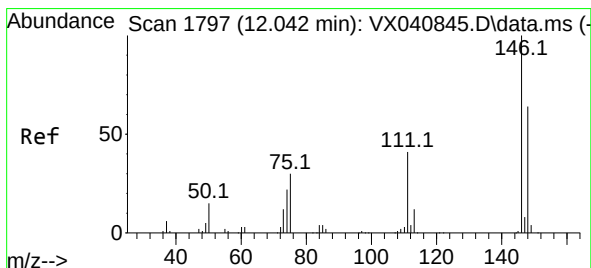
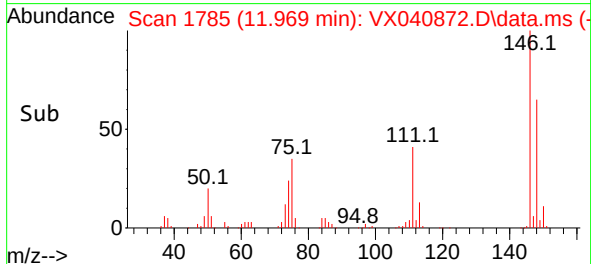
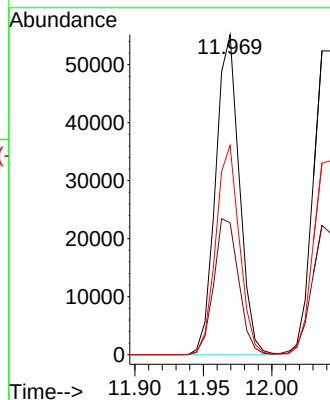
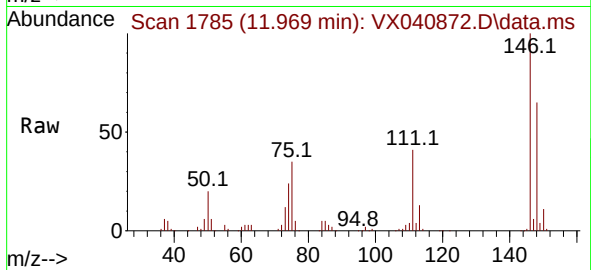
Tgt Ion:146 Resp: 66483
Ion Ratio Lower Upper
146 100
111 44.4 22.1 66.1
148 64.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2024

Supervised By :Semsettin Yesilyurt 04/03/2024



#88

1,4-Dichlorobenzene

Concen: 48.327 ug/l

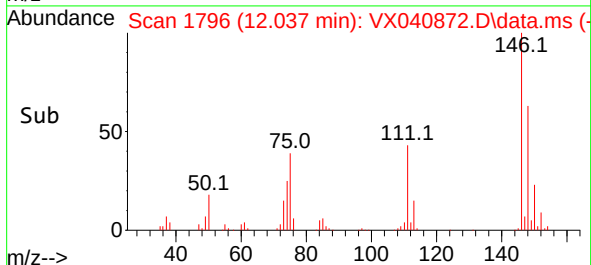
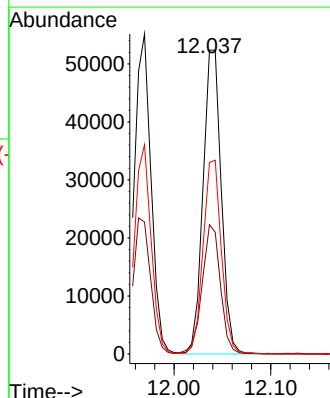
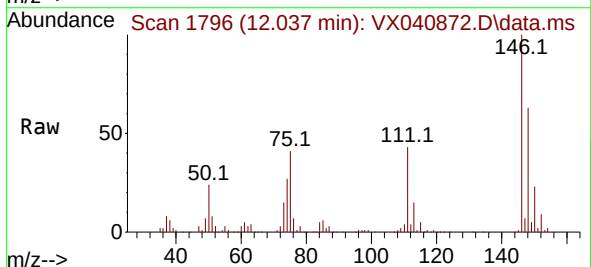
RT: 12.037 min Scan# 1796

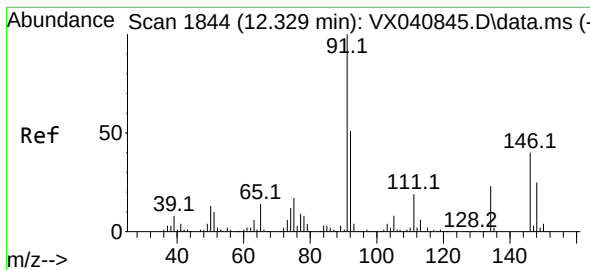
Delta R.T. -0.006 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

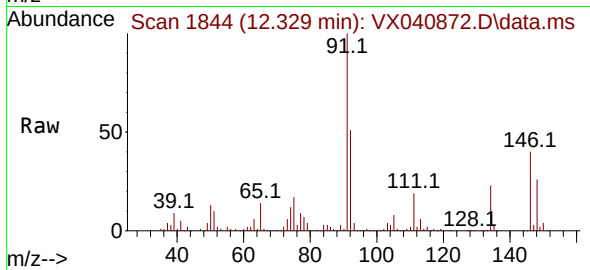
Tgt Ion:146 Resp: 68892
Ion Ratio Lower Upper
146 100
111 42.5 21.3 63.7
148 63.9 31.8 95.4





#89
n-Butylbenzene
Concen: 52.274 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

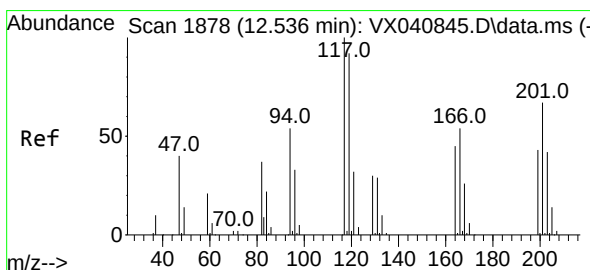
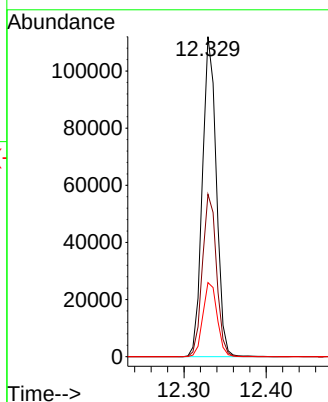
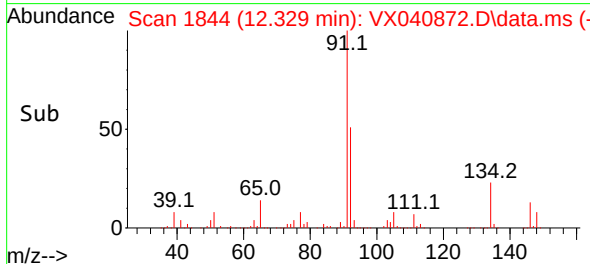
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 13206
Ion Ratio Lower Upper
91 100
92 51.4 27.4 82.0
134 23.8 12.6 37.8

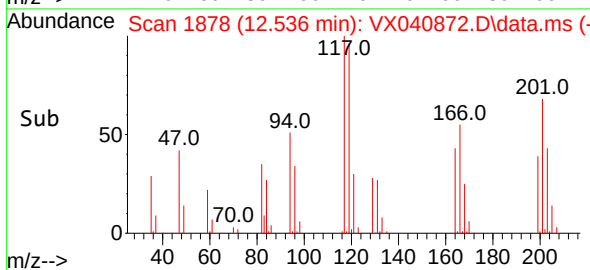
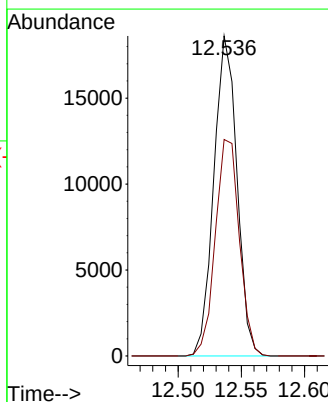
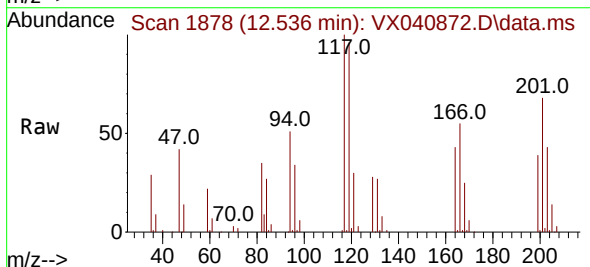
Manual Integrations
APPROVED

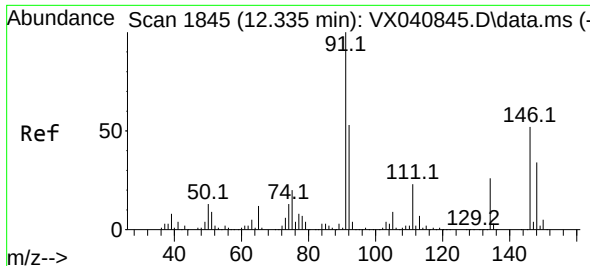
Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024



#90
Hexachloroethane
Concen: 53.045 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Tgt Ion:117 Resp: 23631
Ion Ratio Lower Upper
117 100
201 70.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 48.444 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

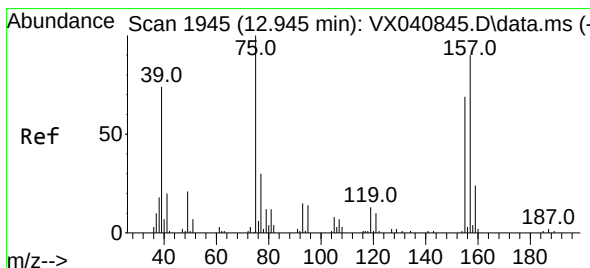
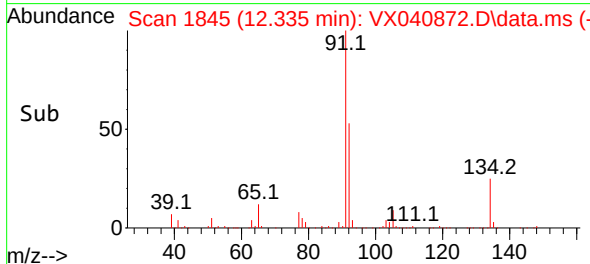
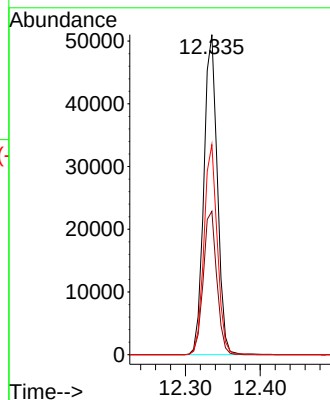
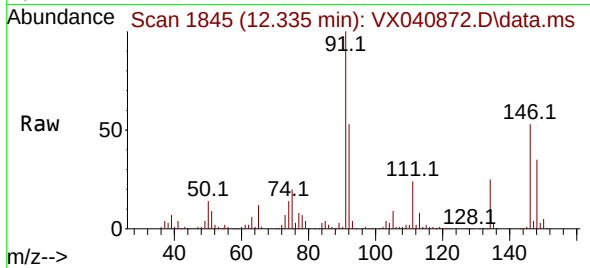
Tgt Ion:146 Resp: 6378
Ion Ratio Lower Upper
146 100
111 45.0 22.4 67.0
148 64.8 31.6 95.0

Manual Integrations

APPROVED

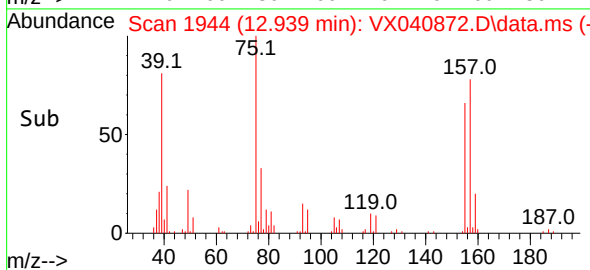
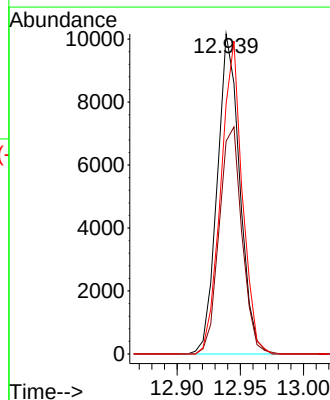
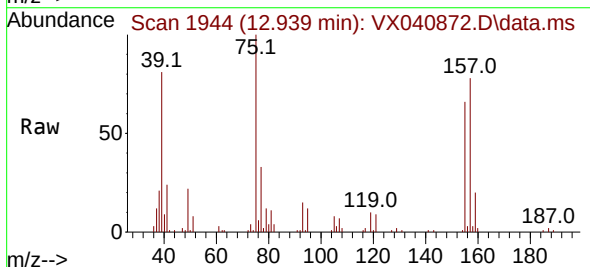
Reviewed By :John Carlone 04/03/2024

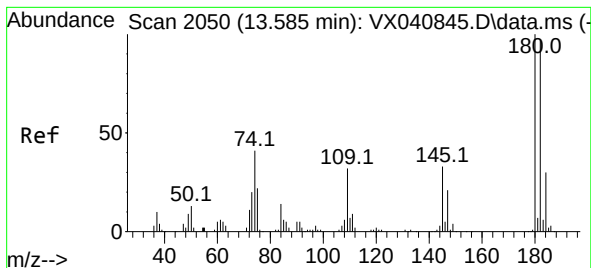
Supervised By :Semsettin Yesilyurt 04/03/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.385 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

Tgt Ion: 75 Resp: 12543
Ion Ratio Lower Upper
75 100
155 71.9 36.1 108.5
157 93.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 48.491 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

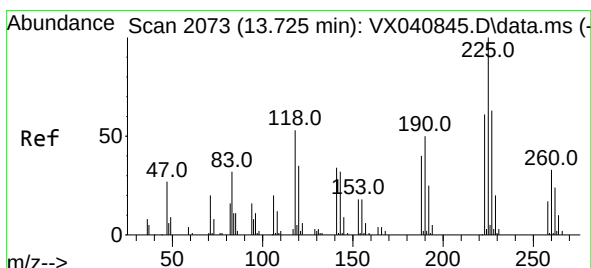
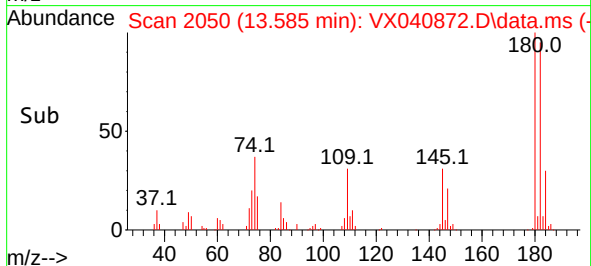
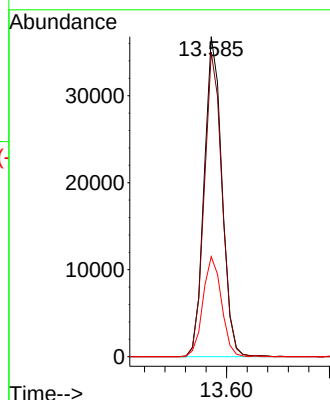
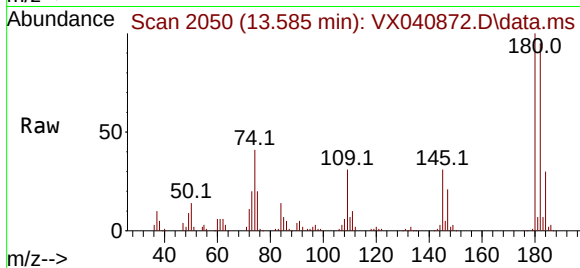
Tgt Ion:180	Resp:	4426
Ion Ratio	Lower	Upper
180	100	
182	95.5	48.3 144.8
145	32.5	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2024

Supervised By :Semsettin Yesilyurt 04/03/2024



#94

Hexachlorobutadiene

Concen: 48.821 ug/l

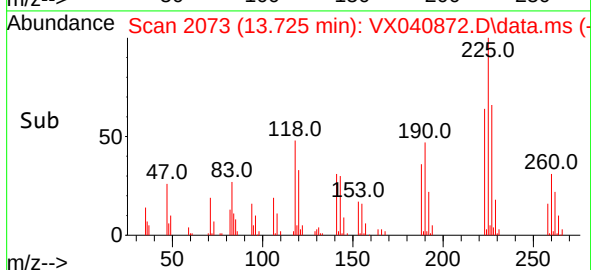
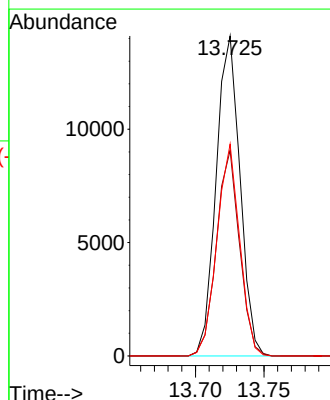
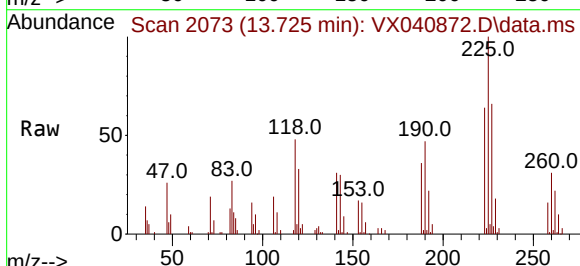
RT: 13.725 min Scan# 2073

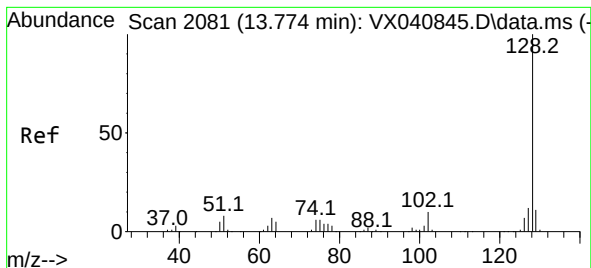
Delta R.T. 0.000 min

Lab File: VX040872.D

Acq: 03 Apr 2024 15:56

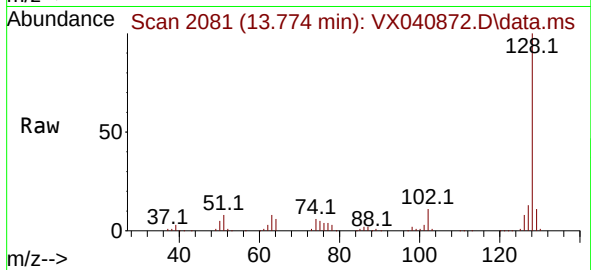
Tgt Ion:225	Resp:	17071
Ion Ratio	Lower	Upper
225	100	
223	62.3	31.1 93.2
227	63.1	32.5 97.5





#95
Naphthalene
Concen: 50.815 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56

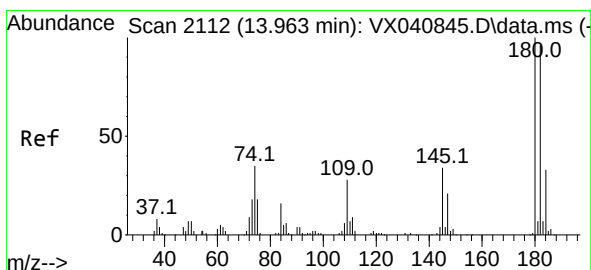
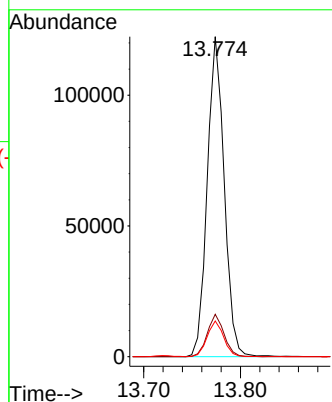
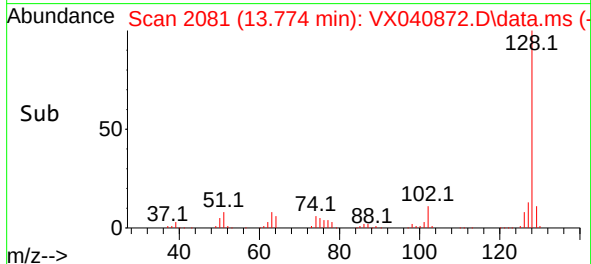
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



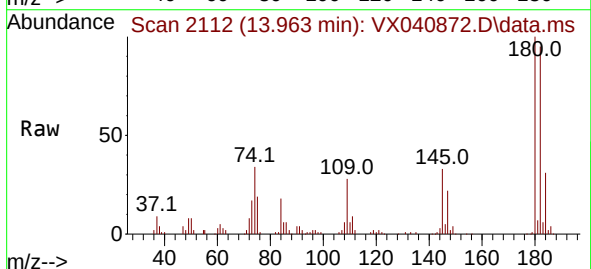
Tgt Ion:128 Resp: 149345
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/03/2024
Supervised By :Semsettin Yesilyurt 04/03/2024



#96
1,2,3-Trichlorobenzene
Concen: 49.598 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX040872.D
Acq: 03 Apr 2024 15:56



Tgt Ion:180 Resp: 43190
Ion Ratio Lower Upper
180 100
182 95.7 46.9 140.6
145 33.9 17.8 53.5

