

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034767.D
 Acq On : 27 Mar 2023 23:20
 Operator : JC/MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023

Quant Time: Mar 28 05:47:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 05:37:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	28444	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	202784	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	223911	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	85680	37.410	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 124.700%#			
60) 4-Bromofluorobenzene	11.079	95	137380m	34.027	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 113.433%#			
63) Toluene-d8	8.647	98	228218	31.713	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 105.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	144280	56.347	ug/l	98
3) Chloromethane	1.295	50	183183	60.343	ug/l	100
4) Vinyl Chloride	1.374	62	181384	61.608	ug/l	100
5) Bromomethane	1.618	94	114942	59.385	ug/l	96
6) Chloroethane	1.691	64	115869	70.862	ug/l	100
7) Trichlorofluoromethane	1.886	101	289777	65.906	ug/l	100
8) Diethyl Ether	2.130	74	101967	61.224	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	142851	56.016	ug/l	90
10) 1,1-Dichloroethene	2.319	96	145693	57.495	ug/l	93
11) Methyl Iodide	2.453	142	189250	50.991	ug/l	94
12) Methyl Acetate	2.703	43	322871	68.487	ug/l	99
13) Acrolein	2.240	56	185763	338.362	ug/l	95
14) Acrylonitrile	3.063	53	444372	301.451	ug/l	99
15) Acetone	2.386	58	120914	278.736	ug/l	92
16) Carbon Disulfide	2.514	76	378887	60.482	ug/l	99
17) Allyl chloride	2.666	41	284429	61.320	ug/l	95
18) Methylene Chloride	2.788	84	166803	57.369	ug/l	92
19) trans-1,2-Dichloroethene	3.093	96	158333	57.967	ug/l	94
20) Diisopropyl ether	3.758	45	576337	62.134	ug/l	95
21) 1,1-Dichloroethane	3.611	63	309194	61.428	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	185557	57.614	ug/l	91
23) tert-Butyl Alcohol	2.989	59	199123m	373.839	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	532598	61.281	ug/l	96
25) Chloroform	5.093	83	313906	62.169	ug/l	96
26) Cyclohexane	5.471	56	273670	61.109	ug/l #	96
29) 1,1-Dichloropropene	5.696	75	236521	59.575	ug/l	96
30) 2-Butanone	4.556	43	650843	291.537	ug/l	98
31) 2,2-Dichloropropane	4.477	77	235699	61.189	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	273745	59.436	ug/l	98
33) Carbon Tetrachloride	5.678	117	231614	57.608	ug/l	97
34) Benzene	6.038	78	677811	57.304	ug/l	96
35) Methacrylonitrile	4.916	41	142730	58.895	ug/l	93
36) 1,2-Dichloroethane	6.086	62	265152	61.996	ug/l	95
37) Trichloroethene	7.123	130	176398	54.381	ug/l	93
38) Methylcyclohexane	7.379	83	258371	55.122	ug/l	98
39) 1,2-Dichloropropane	7.428	63	178211	60.200	ug/l	99
40) Dibromomethane	7.580	93	122317	58.522	ug/l	89
41) Bromodichloromethane	7.824	83	231980	58.923	ug/l	99
42) Vinyl Acetate	3.721	43	2160805	289.319	ug/l	98

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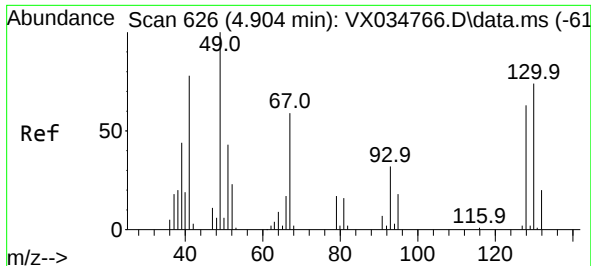
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	258325	58.842	ug/l	99
44) Isopropyl Acetate	6.336	43	433000	63.673	ug/l	99
45) 1,4-Dioxane	7.702	88	86540	1236.462	ug/l #	95
46) Methyl methacrylate	7.690	41	211500	62.285	ug/l	94
47) n-amyl Acetate	10.842	43	390785	67.444	ug/l	96
48) t-1,3-Dichloropropene	8.976	75	259789	61.670	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	280668	59.590	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	169795	55.284	ug/l	96
51) Ethyl methacrylate	9.116	69	279051	60.001	ug/l	97
52) 1,3-Dichloropropane	9.305	76	302382	57.612	ug/l	99
53) Dibromochloromethane	9.519	129	174245	53.230	ug/l	99
54) 1,2-Dibromoethane	9.610	107	184284	55.658	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	749223	332.656	ug/l	97
56) Bromoform	10.799	173	119535	48.936	ug/l #	97
58) 4-Methyl-2-Pentanone	8.574	43	1297680	308.082	ug/l	99
59) 2-Hexanone	9.427	43	993678	314.384	ug/l	100
61) Tetrachloroethene	9.275	164	150410	51.162	ug/l	95
62) Toluene	8.720	91	736657	58.095	ug/l	99
64) Chlorobenzene	10.080	112	453832	54.405	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	166390	54.174	ug/l	98
66) Ethyl Benzene	10.195	91	839800	58.244	ug/l	95
67) m/p-Xylenes	10.299	106	632677	112.286	ug/l	94
68) o-Xylene	10.640	106	310923	55.341	ug/l	89
69) Styrene	10.653	104	517941	56.333	ug/l	94
70) Isopropylbenzene	10.964	105	815976	56.781	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.214	83	268034	59.947	ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	225295m	55.471	ug/l	
73) Bromobenzene	11.195	156	192108	50.408	ug/l	79
74) n-propylbenzene	11.305	91	963859	58.838	ug/l	96
75) 2-Chlorotoluene	11.366	91	587644	59.679	ug/l	93
76) 1,3,5-Trimethylbenzene	11.451	105	686532	57.677	ug/l	96
77) t-1,4-Dichloro-2-butene	11.018	75	77474	63.348	ug/l	97
78) 4-Chlorotoluene	11.451	91	679096	61.198	ug/l	93
79) tert-butylbenzene	11.713	119	658109	54.748	ug/l	91
80) 1,2,4-Trimethylbenzene	11.750	105	688307	58.221	ug/l	97
81) sec-Butylbenzene	11.890	105	801000	54.851	ug/l	97
82) p-Isopropyltoluene	12.006	119	681686	54.349	ug/l	94
83) 1,3-Dichlorobenzene	11.969	146	369149	53.141	ug/l	96
84) 1,4-Dichlorobenzene	12.043	146	374379	53.781	ug/l	96
85) n-Butylbenzene	12.335	91	591152	57.277	ug/l	97
86) Hexachloroethane	12.536	117	113624	57.398	ug/l	75
87) 1,2-Dichlorobenzene	12.335	146	358791	53.439	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	12.945	75	61613	68.026	ug/l #	73
89) 1,2,4-Trichlorobenzene	13.591	180	219232	48.309	ug/l	98
90) Hexachlorobutadiene	13.725	225	83951	40.607	ug/l	97
91) Naphthalene	13.774	128	770689	55.512	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	217794	48.663	ug/l	97

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.898 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX034767.D

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MSVOA_X

ClientSampleId :

VSTDICC050

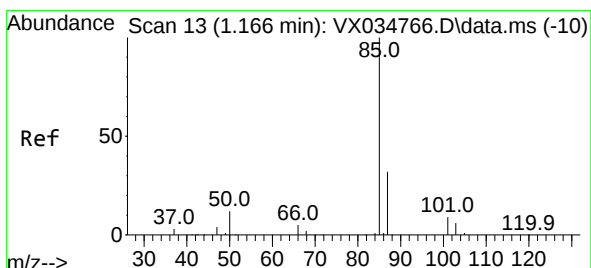
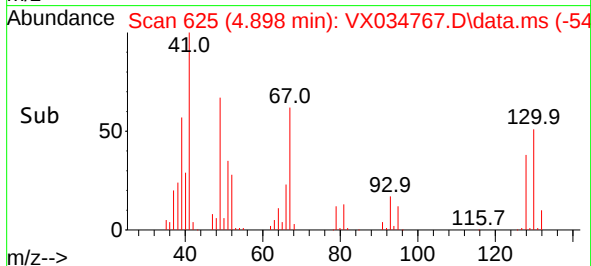
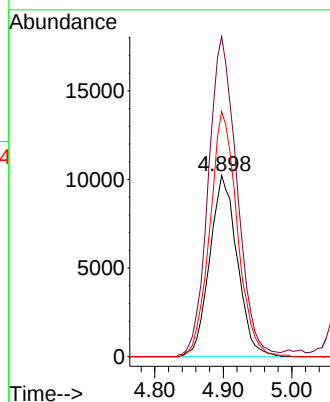
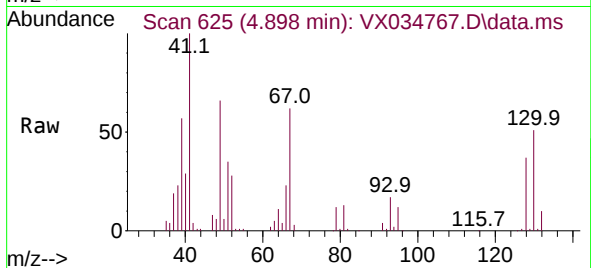
Tgt Ion:	128	Resp:	2844
Ion	Ratio	Lower	Upper
128	100		
49	184.5	0.0	369.0
130	135.0	0.0	327.5

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 56.347 ug/l

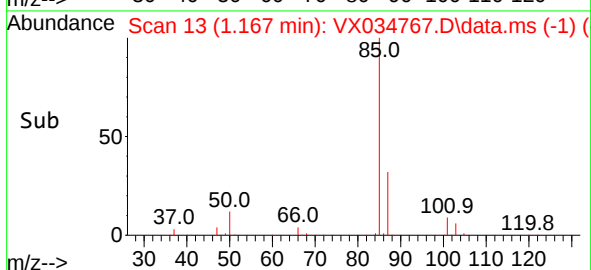
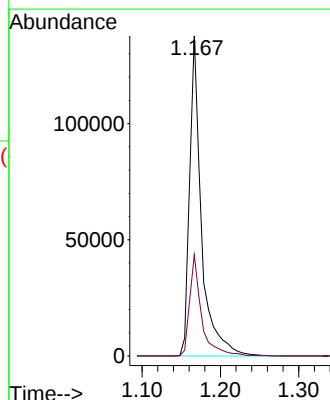
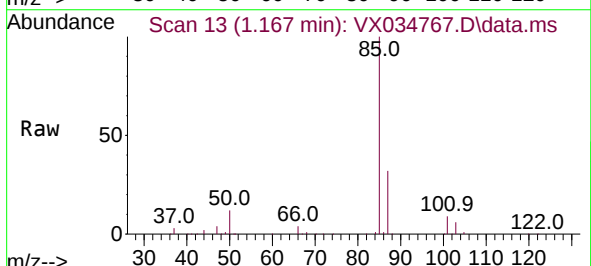
RT: 1.167 min Scan# 13

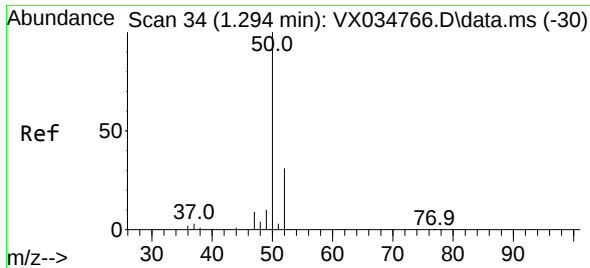
Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

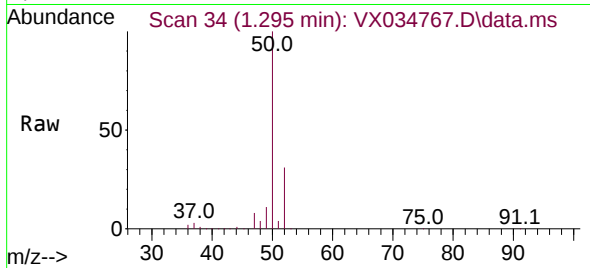
Tgt Ion:	85	Resp:	144280
Ion	Ratio	Lower	Upper
85	100		
87	31.6	16.4	49.1





#3
Chloromethane
Concen: 60.343 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

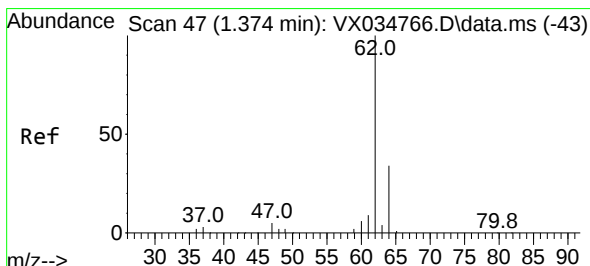
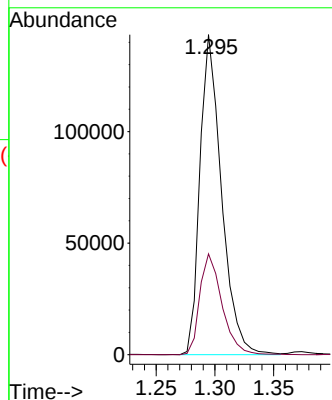
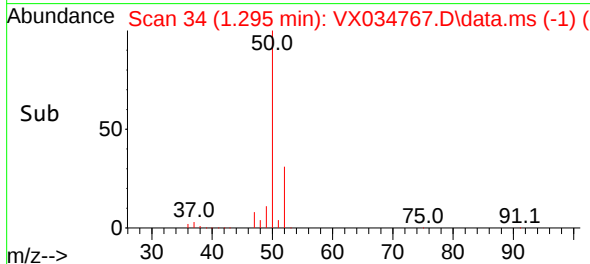
Instrument :
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VSTDICC050



Tgt Ion: 50 Resp: 18318
Ion Ratio Lower Upper
50 100
52 31.5 25.1 37.7

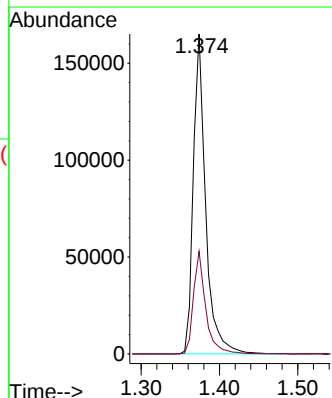
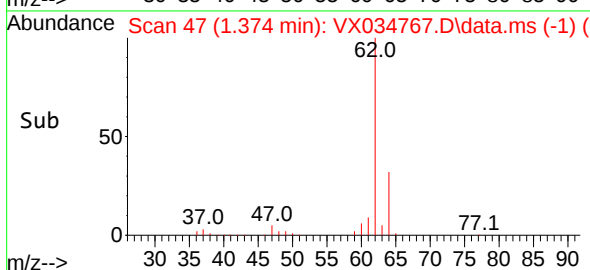
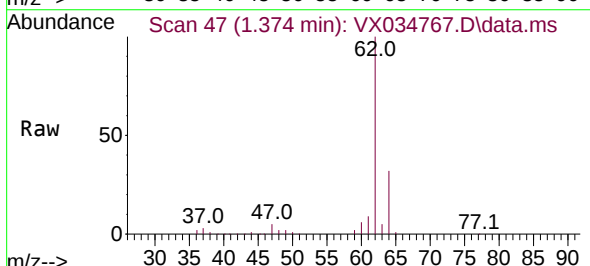
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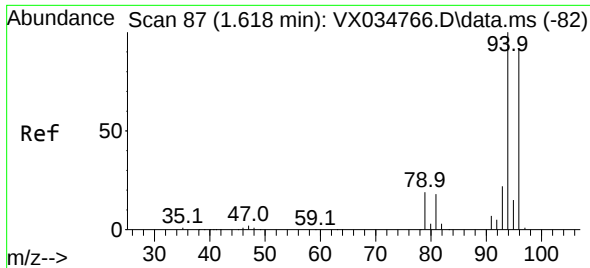
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#4
Vinyl Chloride
Concen: 61.608 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

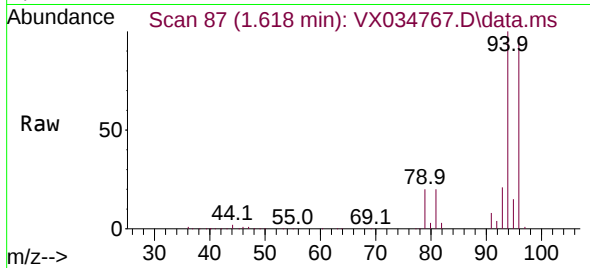
Tgt Ion: 62 Resp: 181384
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.2





#5
Bromomethane
Concen: 59.385 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

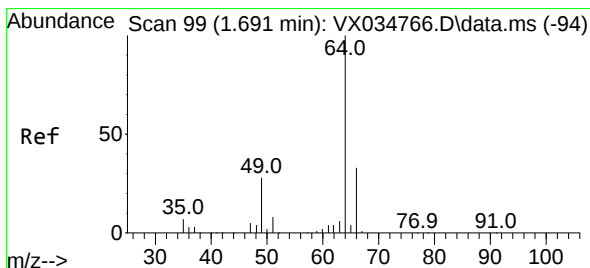
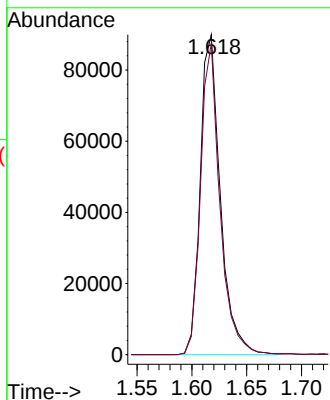
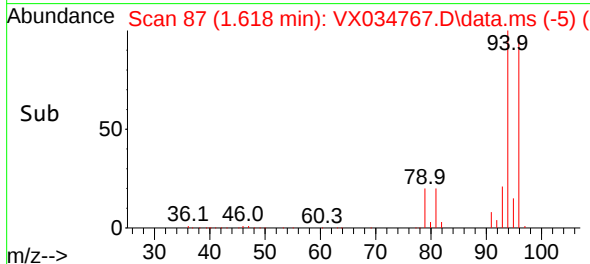
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VSTDICC050



Tgt Ion: 94 Resp: 11494
Ion Ratio Lower Upper
94 100
96 97.3 74.8 112.2

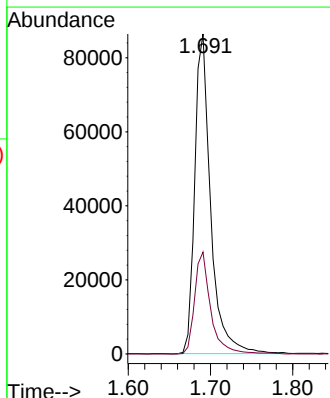
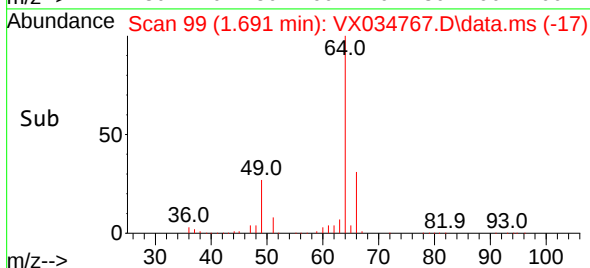
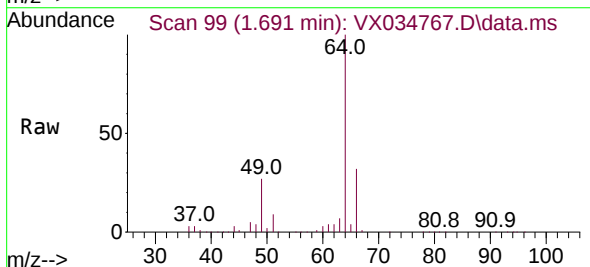
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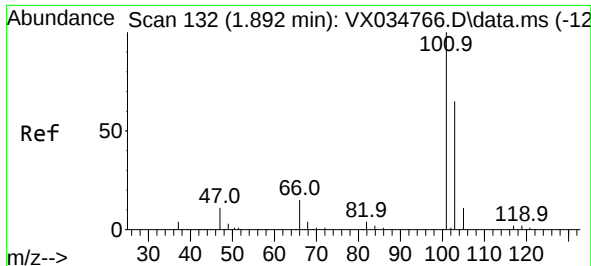
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#6
Chloroethane
Concen: 70.862 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

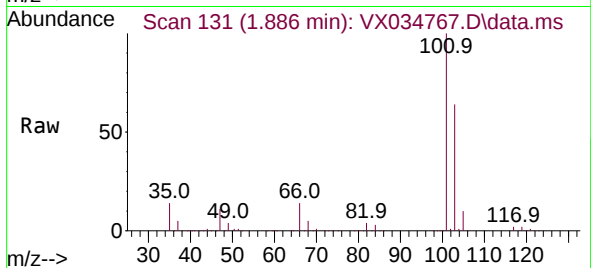
Tgt Ion: 64 Resp: 115869
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.0





#7
Trichlorofluoromethane
Concen: 65.906 ug/l
RT: 1.886 min Scan# 111
Delta R.T. -0.006 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

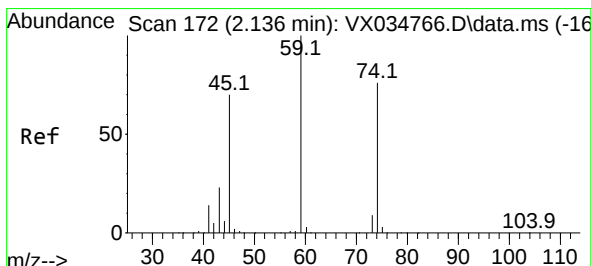
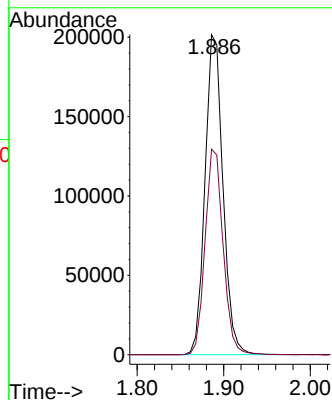
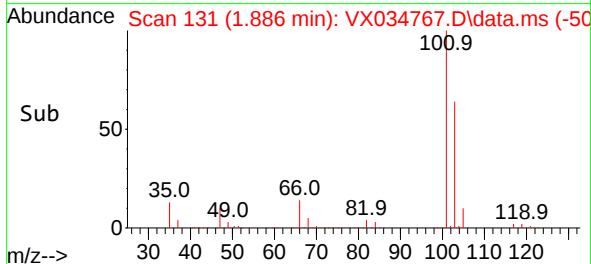
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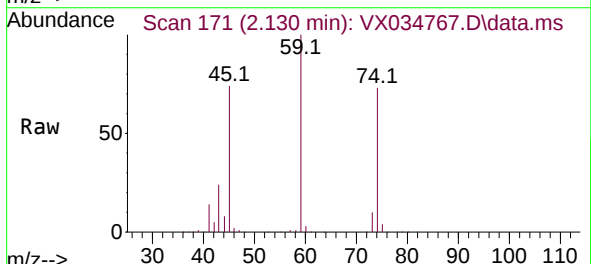
Tgt Ion:101 Resp: 28977
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

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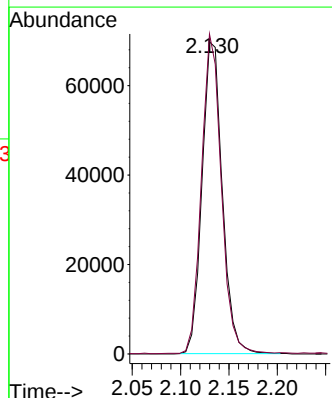
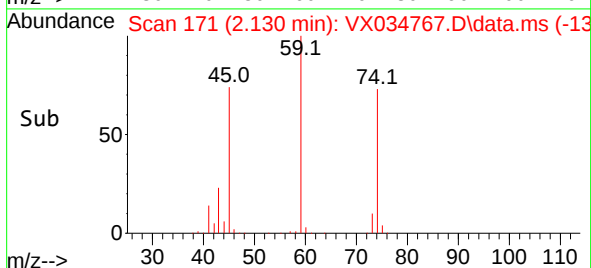
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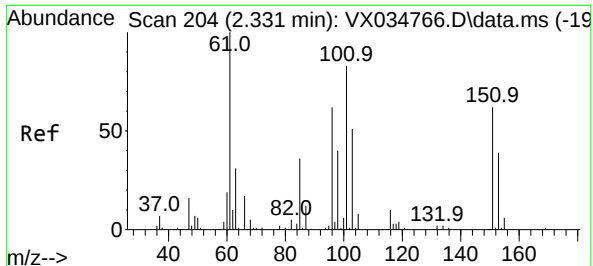


#8
Diethyl Ether
Concen: 61.224 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20



Tgt Ion: 74 Resp: 101967
Ion Ratio Lower Upper
74 100
45 100.6 20.2 182.0





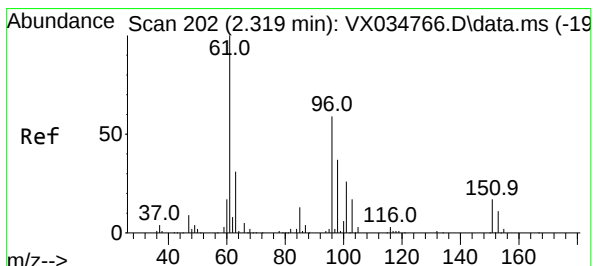
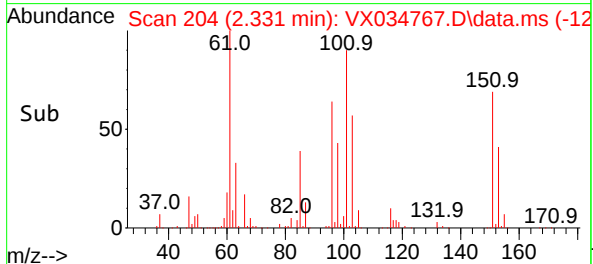
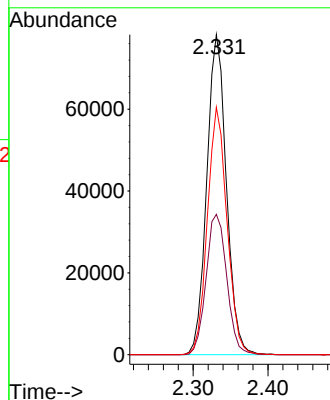
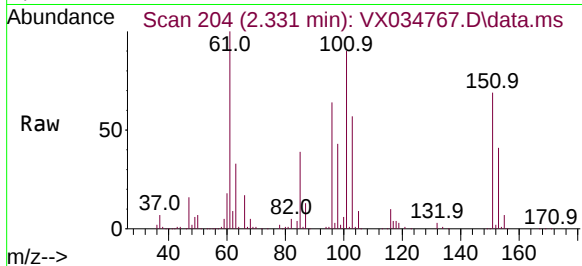
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.016 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 14285
Ion Ratio Lower Upper
101 100
85 46.2 0.0 83.0
151 77.3 0.0 174.6

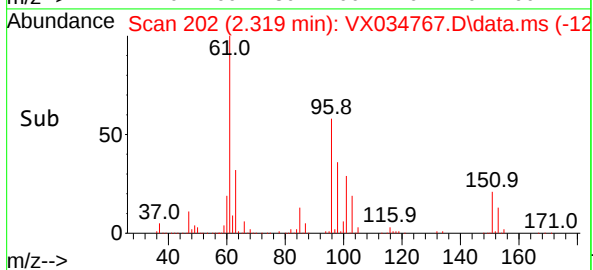
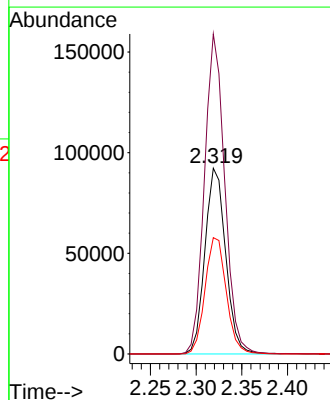
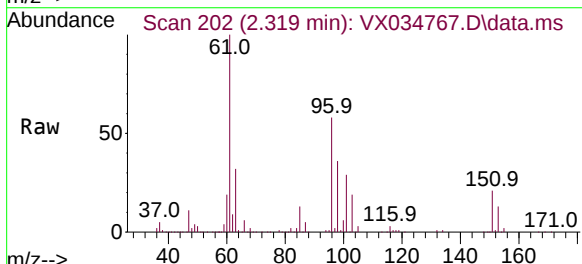
Manual Integrations
APPROVED

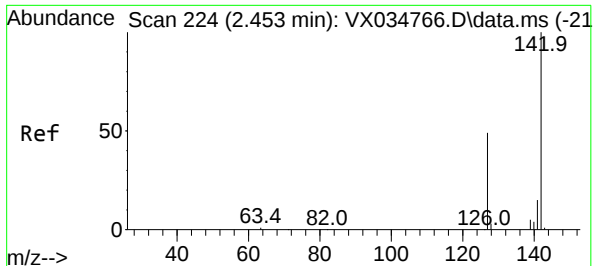
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#10
1,1-Dichloroethene
Concen: 57.495 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

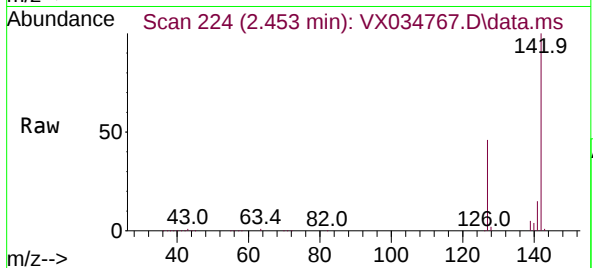
Tgt Ion: 96 Resp: 145693
Ion Ratio Lower Upper
96 100
61 172.1 127.5 191.3
98 62.6 51.1 76.7





#11
Methyl Iodide
Concen: 50.991 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

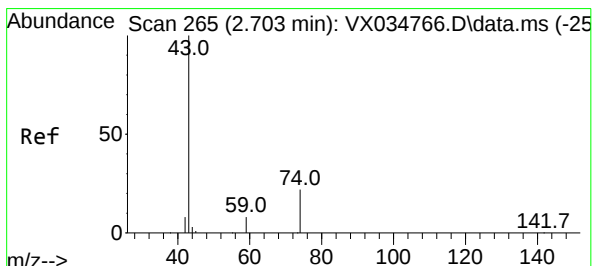
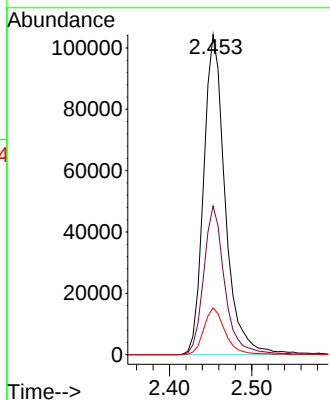
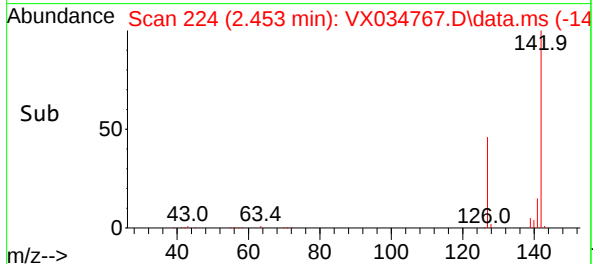
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:142 Resp: 189250
Ion Ratio Lower Upper
142 100
127 46.5 20.7 62.1
141 14.6 7.0 21.0

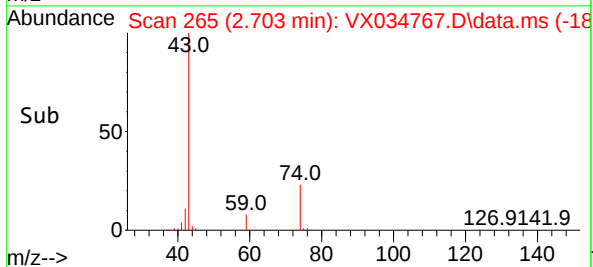
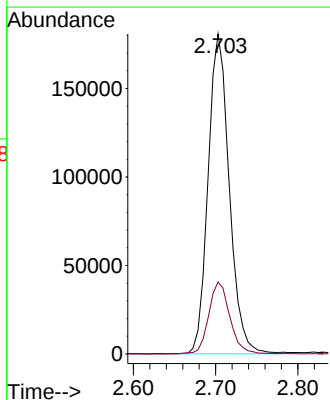
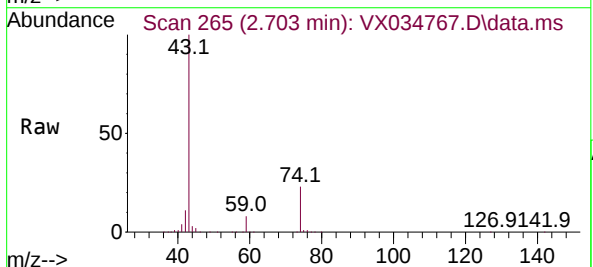
Manual Integrations
APPROVED

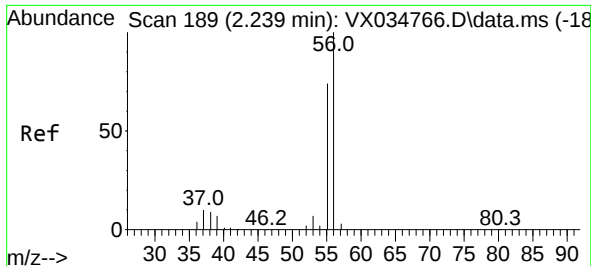
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#12
Methyl Acetate
Concen: 68.487 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Tgt Ion: 43 Resp: 322871
Ion Ratio Lower Upper
43 100
74 22.5 17.6 26.4





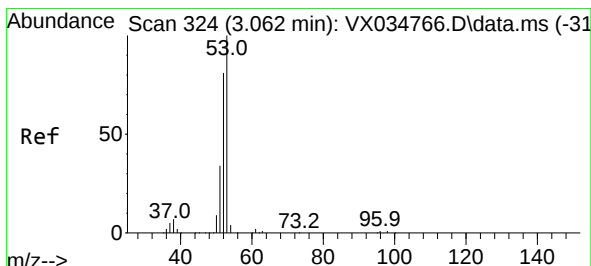
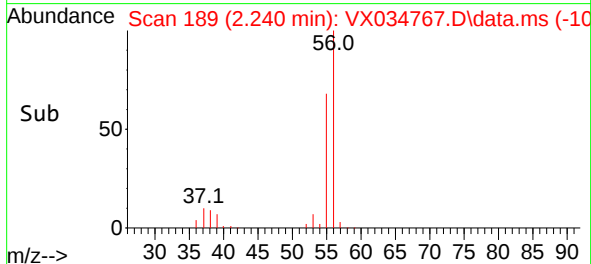
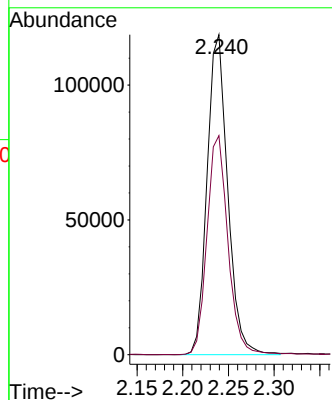
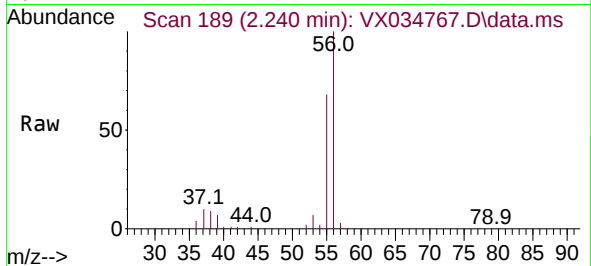
#13
Acrolein
Concen: 338.362 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 56 Resp: 18576
Ion Ratio Lower Upper
56 100
55 69.5 58.8 88.2

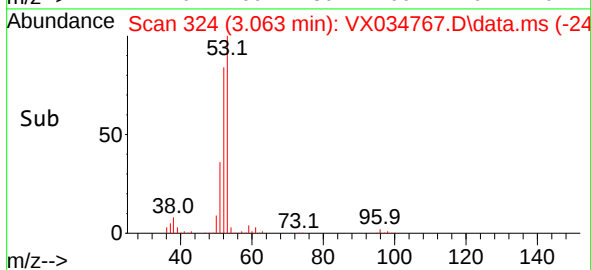
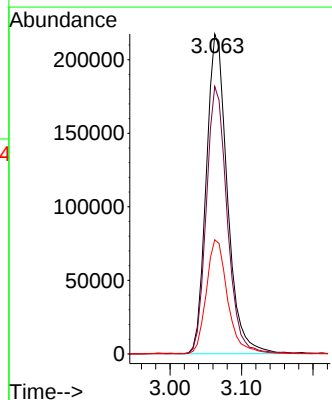
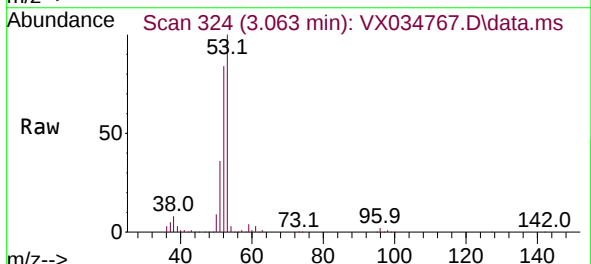
Manual Integrations
APPROVED

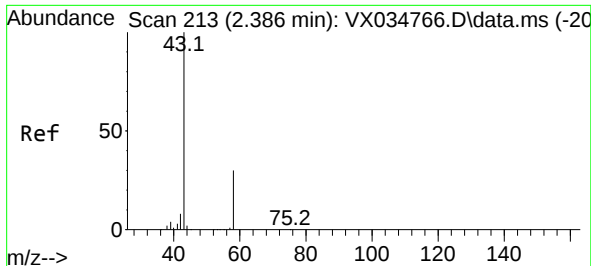
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#14
Acrylonitrile
Concen: 301.451 ug/l
RT: 3.063 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Tgt Ion: 53 Resp: 444372
Ion Ratio Lower Upper
53 100
52 82.7 41.0 123.2
51 36.5 17.6 52.8





#15

Acetone

Concen: 278.736 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 58 Resp: 120914

Ion Ratio Lower Upper

58 100

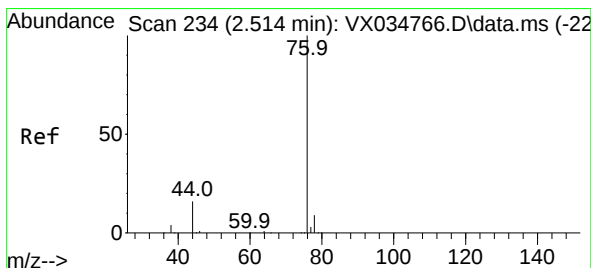
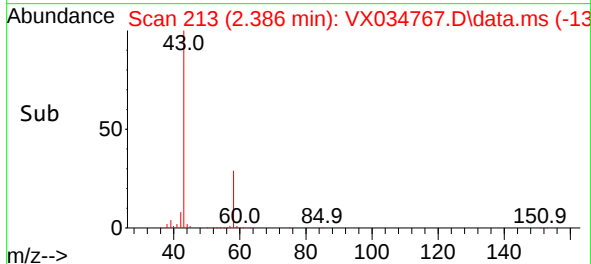
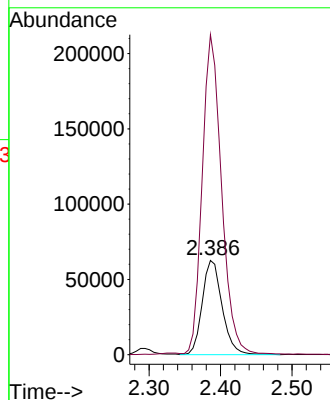
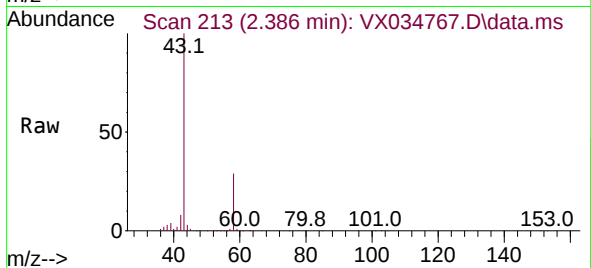
43 338.9 258.6 388.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#16

Carbon Disulfide

Concen: 60.482 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX034767.D

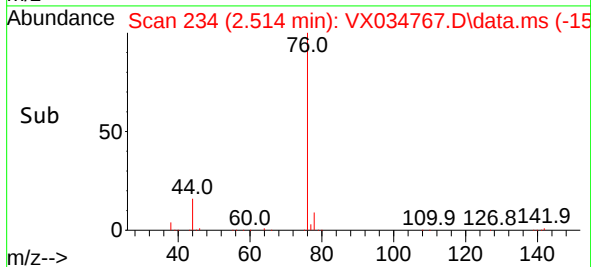
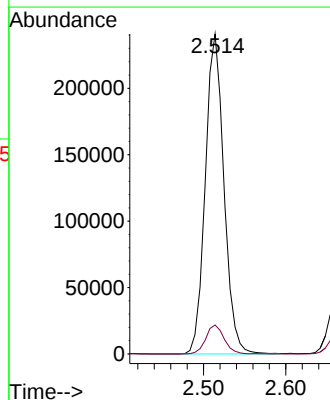
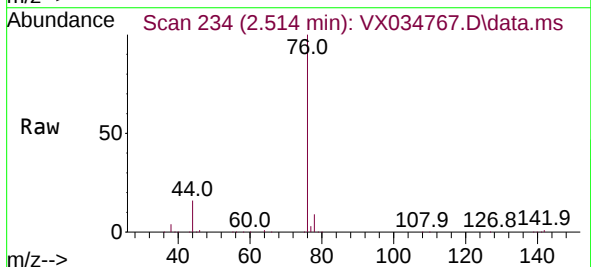
Acq: 27 Mar 2023 23:20

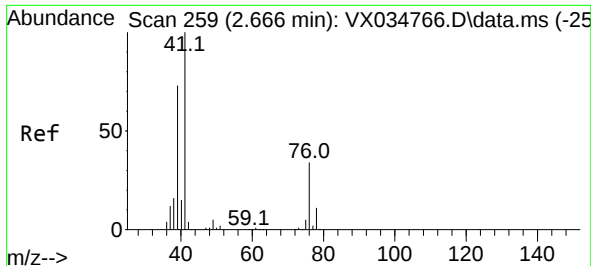
Tgt Ion: 76 Resp: 378887

Ion Ratio Lower Upper

76 100

78 9.0 6.9 10.3





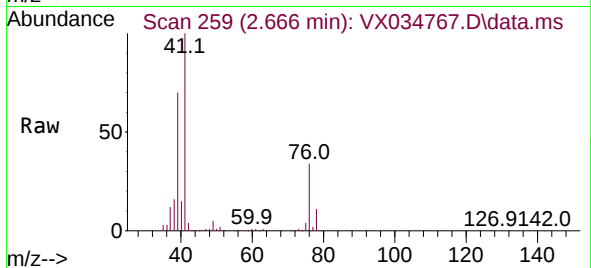
#17
 Allyl chloride
 Concen: 61.320 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX034767.D
 Acq: 27 Mar 2023 23:20

Instrument :

MSVOA_X

Client Sample Id :

VSTDIC050

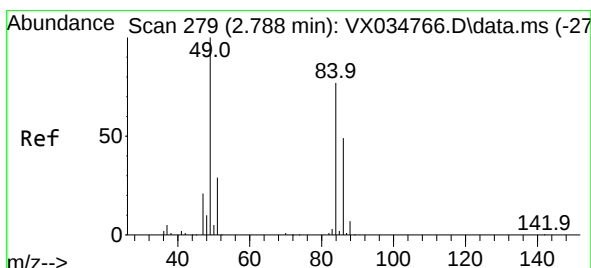
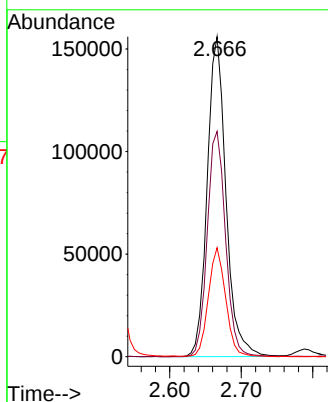
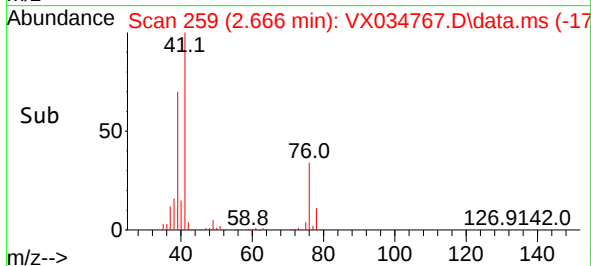


Tgt Ion: 41 Resp: 284429
 Ion Ratio Lower Upper
 41 100
 39 70.4 32.5 97.4
 76 34.1 16.6 49.8

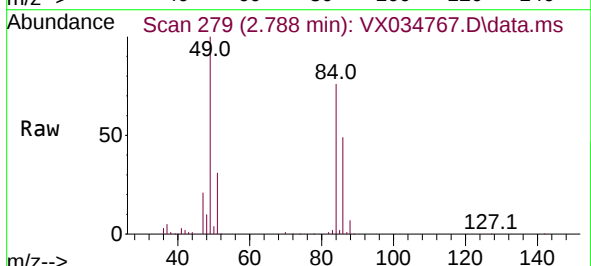
Manual Integrations

APPROVED

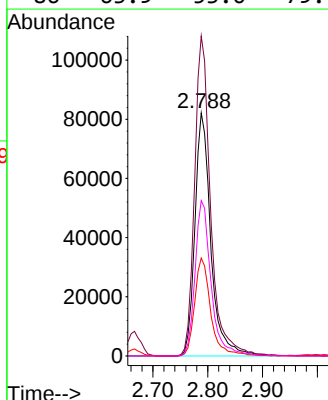
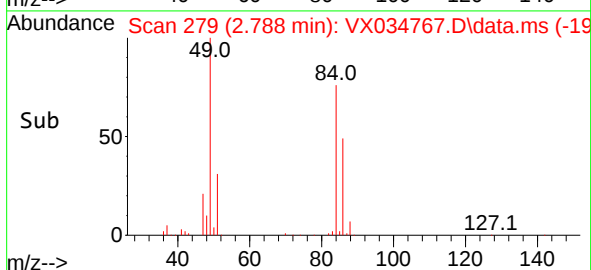
Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023

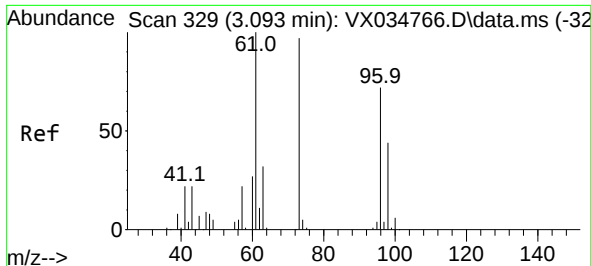


#18
 Methylene Chloride
 Concen: 57.369 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX034767.D
 Acq: 27 Mar 2023 23:20



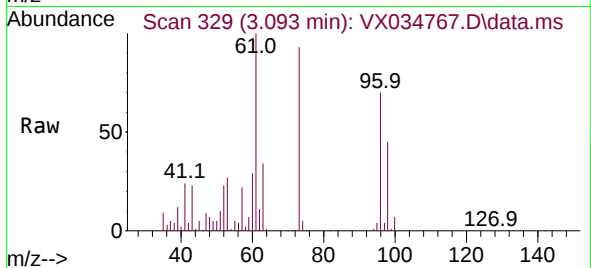
Tgt Ion: 84 Resp: 166803
 Ion Ratio Lower Upper
 84 100
 49 131.5 95.0 142.6
 51 40.3 30.3 45.5
 86 63.9 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 57.967 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

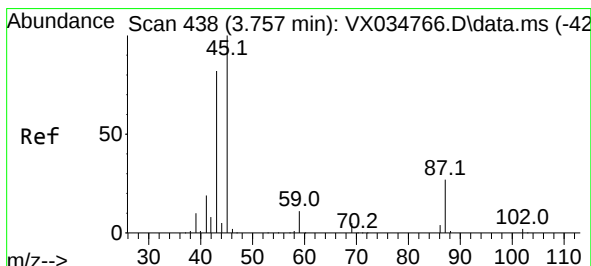
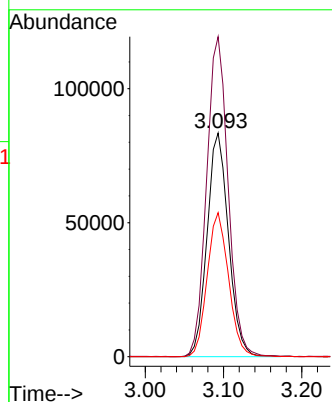
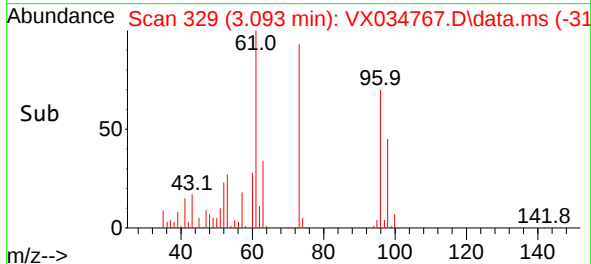
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



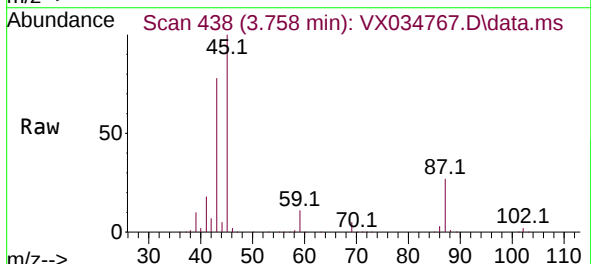
Tgt Ion: 96 Resp: 15833
Ion Ratio Lower Upper
96 100
61 143.0 107.7 161.5
98 64.4 49.8 74.6

Manual Integrations
APPROVED

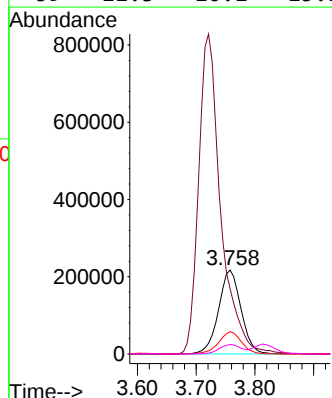
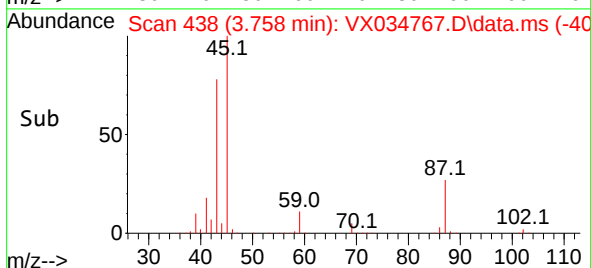
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

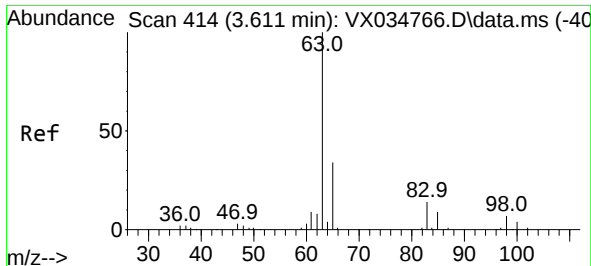


#20
Diisopropyl ether
Concen: 62.134 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20



Tgt Ion: 45 Resp: 576337
Ion Ratio Lower Upper
45 100
43 77.1 66.6 99.8
87 26.6 22.3 33.5
59 11.3 10.1 15.1





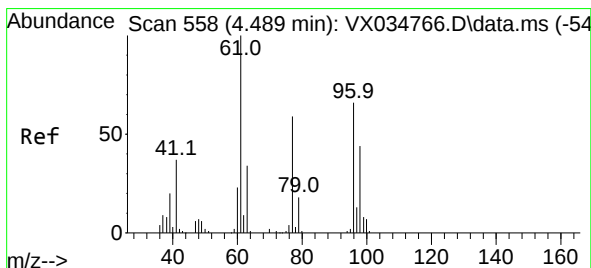
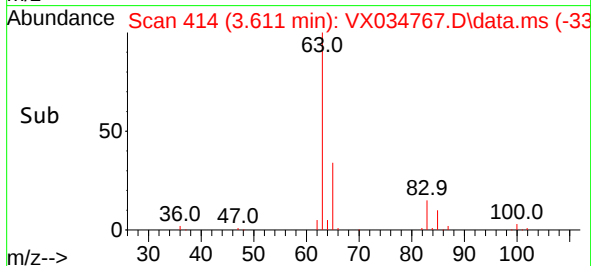
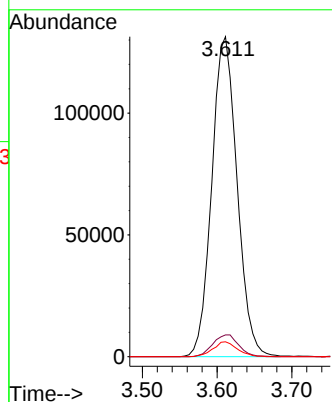
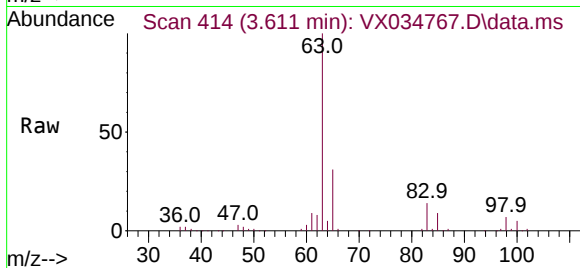
#21
1,1-Dichloroethane
Concen: 61.428 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 309194
Ion Ratio Lower Upper
63 100
98 6.8 4.0 12.2
100 4.6 2.3 6.9

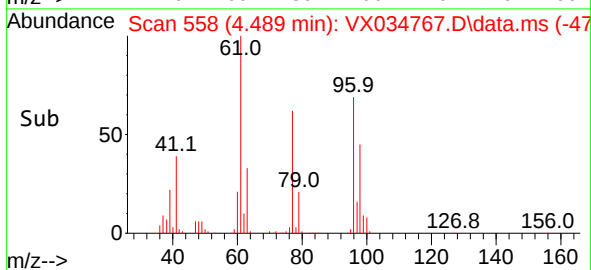
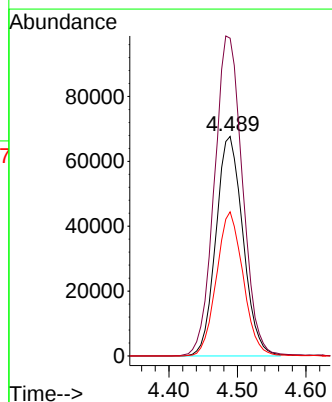
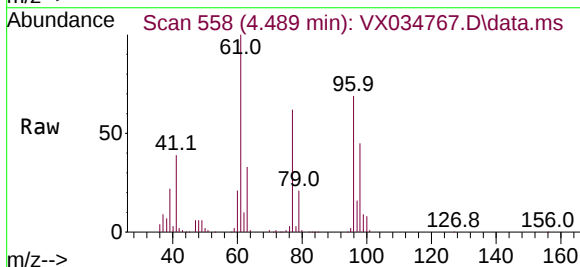
Manual Integrations
APPROVED

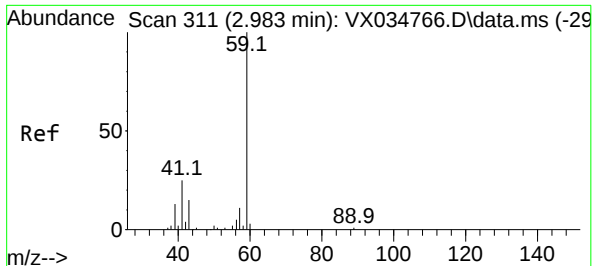
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#22
cis-1,2-Dichloroethene
Concen: 57.614 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Tgt Ion: 96 Resp: 185557
Ion Ratio Lower Upper
96 100
61 151.7 109.0 163.6
98 64.7 51.7 77.5





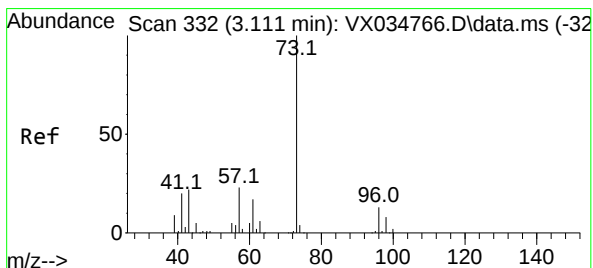
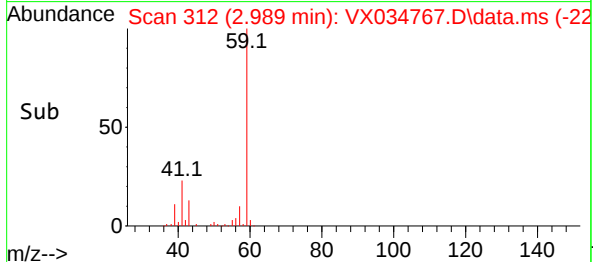
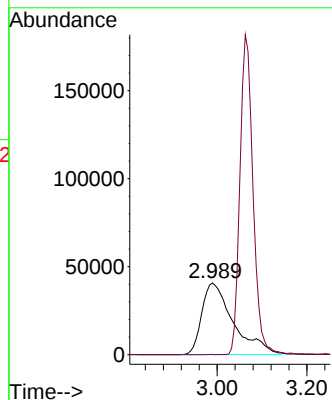
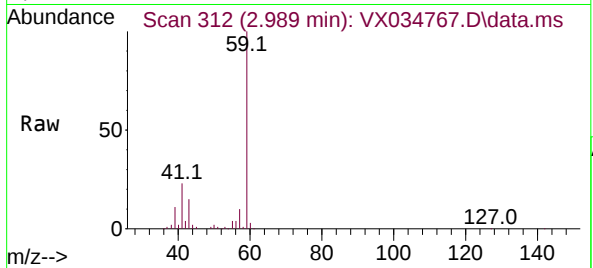
#23
tert-Butyl Alcohol
Concen: 373.839 ug/l m
RT: 2.989 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 59 Resp: 19912
Ion Ratio Lower Upper
59 100
52 0.2 186.7 280.1

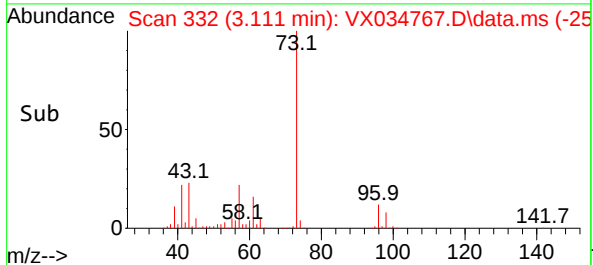
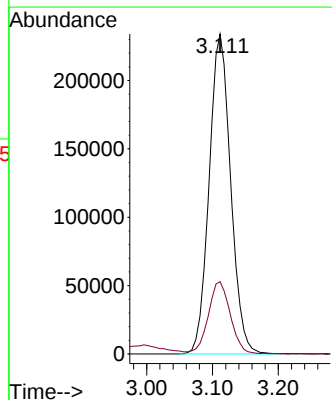
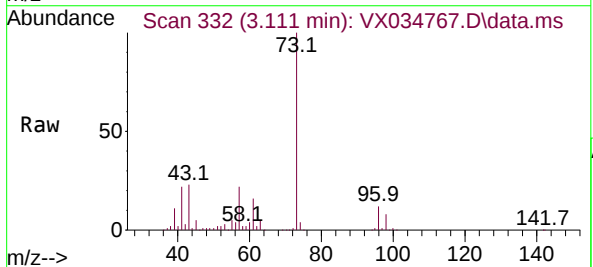
Manual Integrations
APPROVED

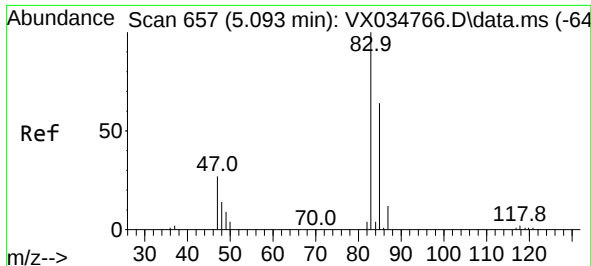
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#24
Methyl tert-Butyl Ether
Concen: 61.281 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Tgt Ion: 73 Resp: 532598
Ion Ratio Lower Upper
73 100
43 23.0 16.9 25.3





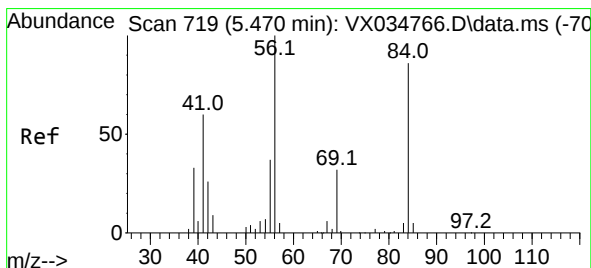
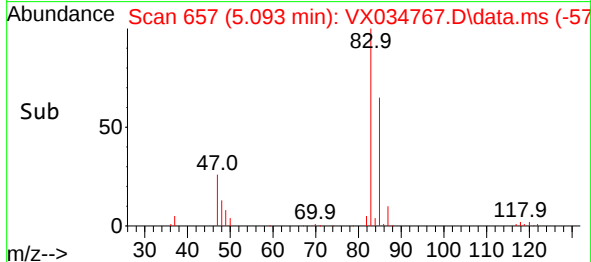
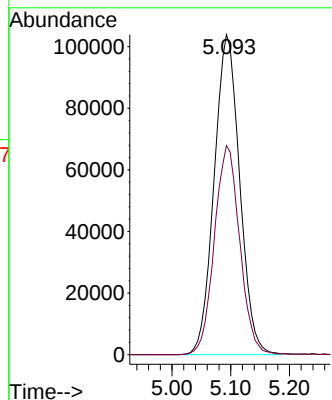
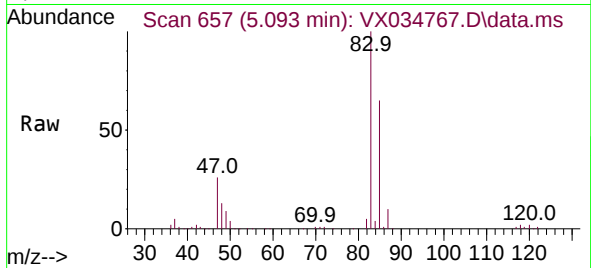
#25
Chloroform
Concen: 62.169 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 313900
Ion Ratio Lower Upper
83 100
85 65.3 49.7 74.5

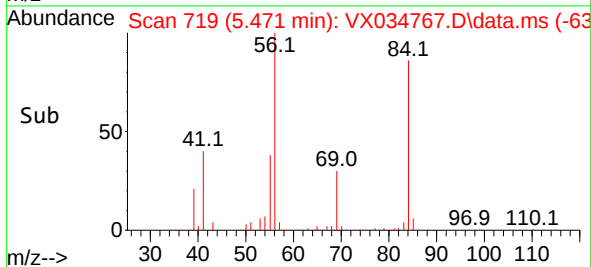
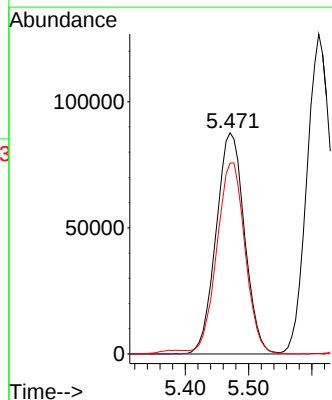
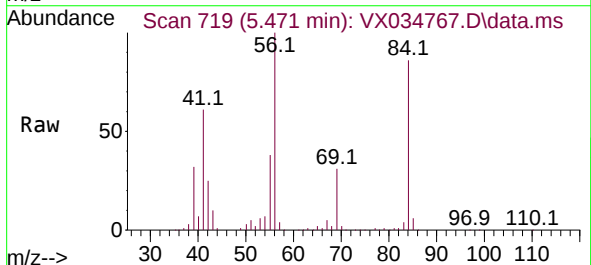
Manual Integrations
APPROVED

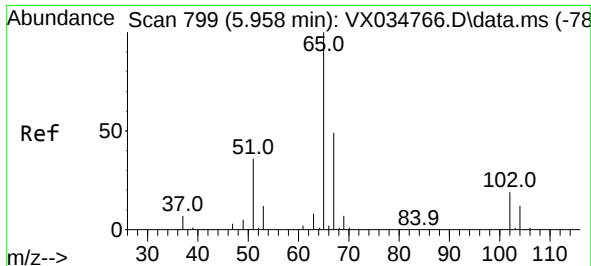
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#26
Cyclohexane
Concen: 61.109 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Tgt Ion: 56 Resp: 273670
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.0 72.0 108.0





#27

1,2-Dichloroethane-d4

Concen: 37.410 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 65 Resp: 85680

Ion Ratio Lower Upper

65 100

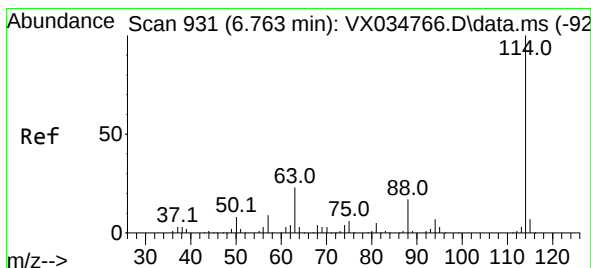
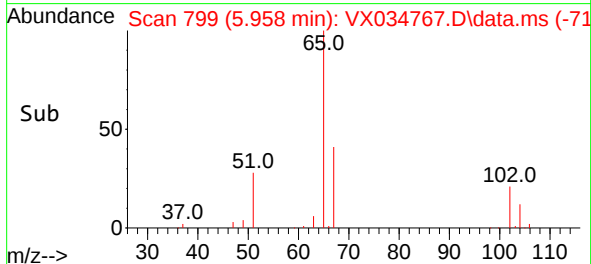
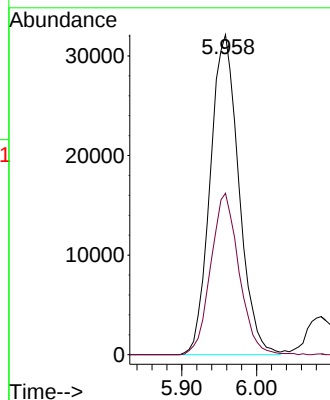
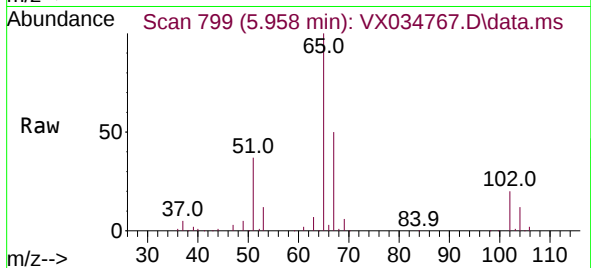
67 49.7 43.0 64.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

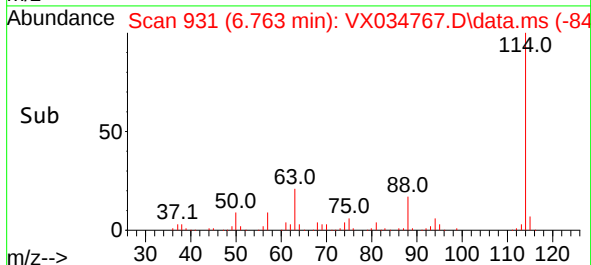
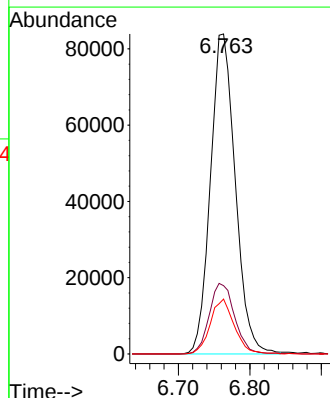
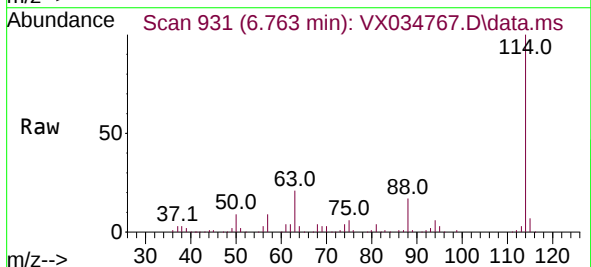
Tgt Ion:114 Resp: 202784

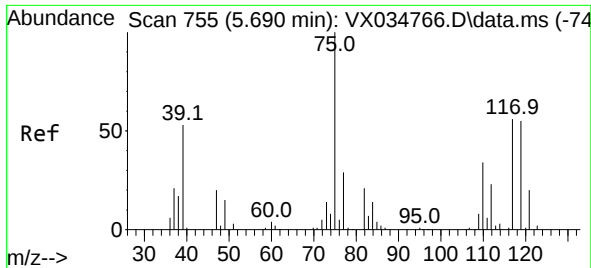
Ion Ratio Lower Upper

114 100

63 22.4 15.2 22.8

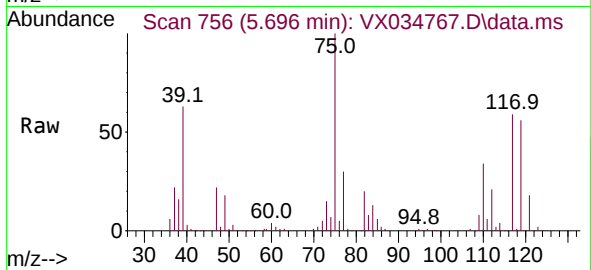
88 16.5 12.4 18.6





#29
1,1-Dichloropropene
Concen: 59.575 ug/l
RT: 5.696 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

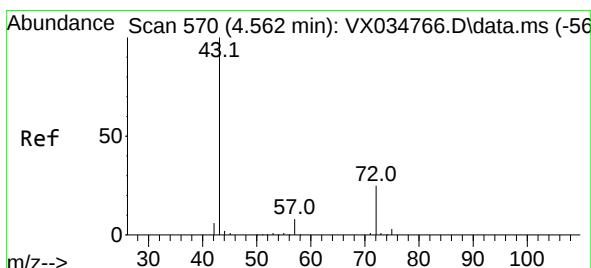
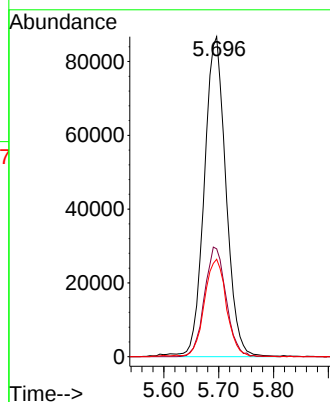
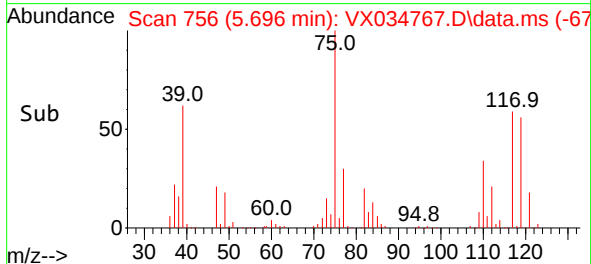
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 75 Resp: 23652
Ion Ratio Lower Upper
75 100
110 34.3 0.0 75.8
77 30.6 0.0 62.4

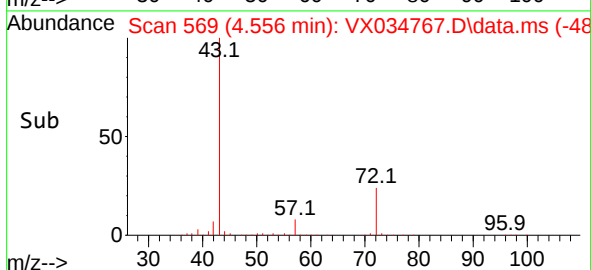
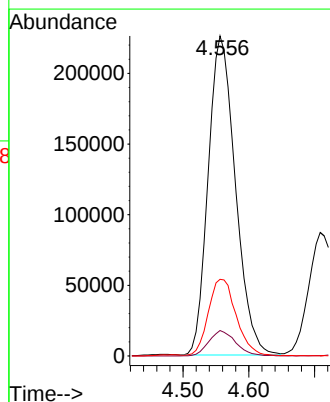
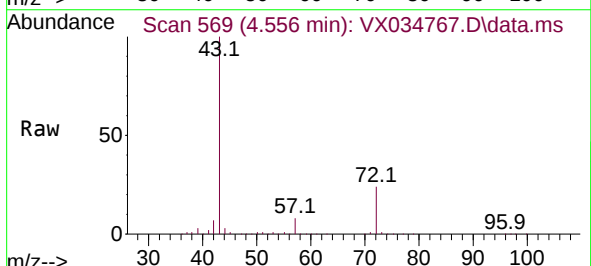
Manual Integrations
APPROVED

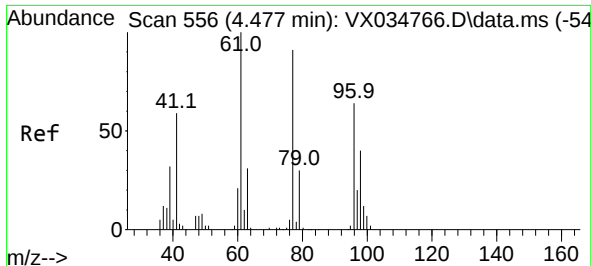
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#30
2-Butanone
Concen: 291.537 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Tgt Ion: 43 Resp: 650843
Ion Ratio Lower Upper
43 100
57 7.8 6.0 9.0
72 24.7 20.6 30.8





#31

2,2-Dichloropropane

Concen: 61.189 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 77 Resp: 23569

Ion Ratio Lower Upper

77 100

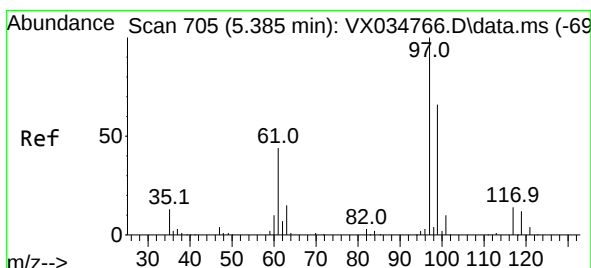
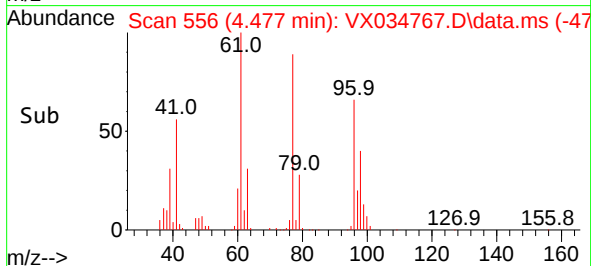
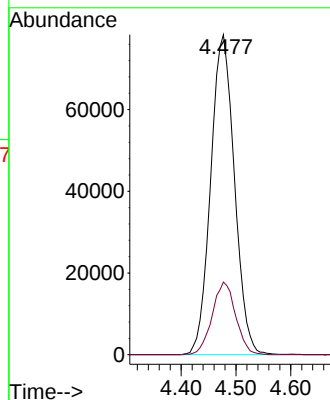
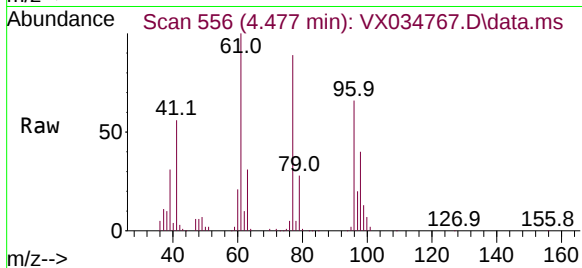
97 22.4 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#32

1,1,1-Trichloroethane

Concen: 59.436 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

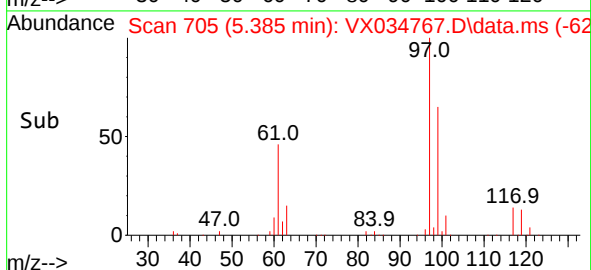
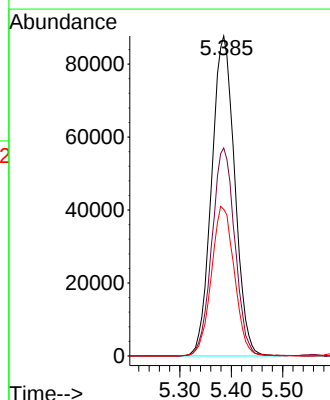
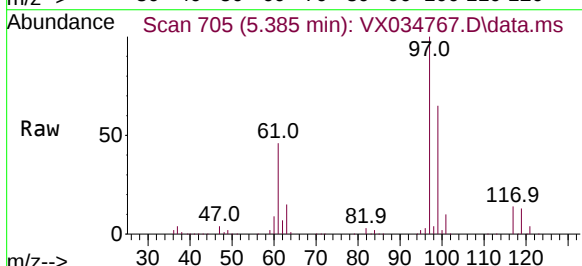
Tgt Ion: 97 Resp: 273745

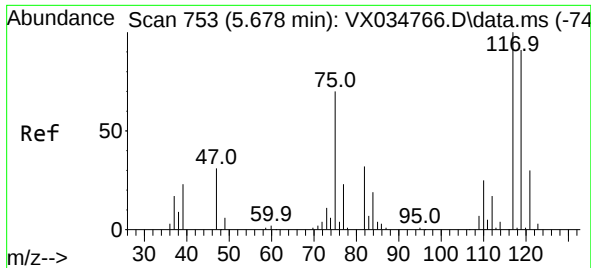
Ion Ratio Lower Upper

97 100

99 64.4 52.0 78.0

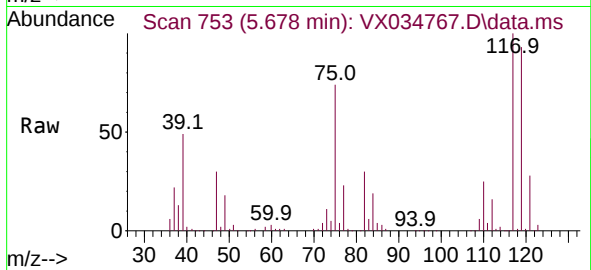
61 46.7 34.7 52.1





#33
Carbon Tetrachloride
Concen: 57.608 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

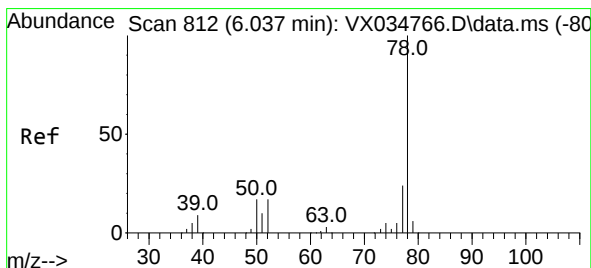
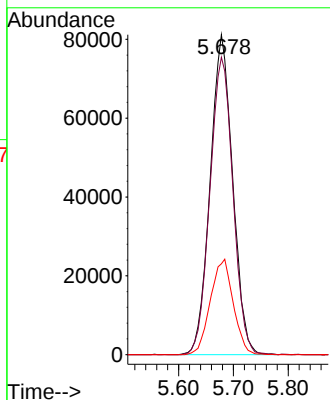
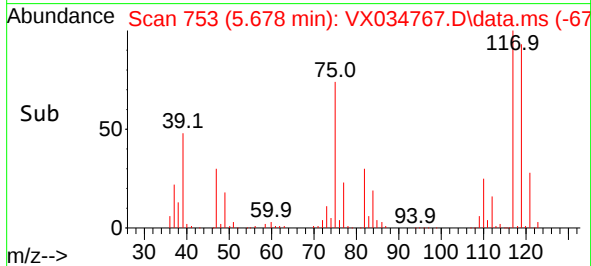
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



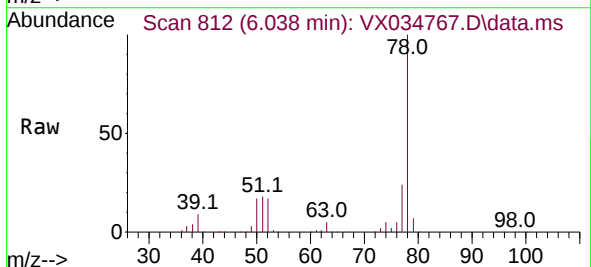
Tgt Ion:117 Resp: 231614
Ion Ratio Lower Upper
117 100
119 92.9 73.8 110.6
121 28.4 26.2 39.4

Manual Integrations
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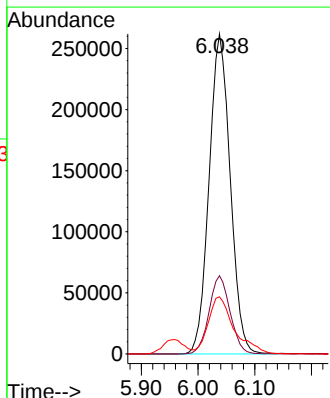
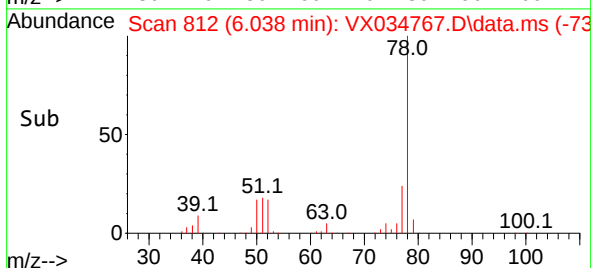
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

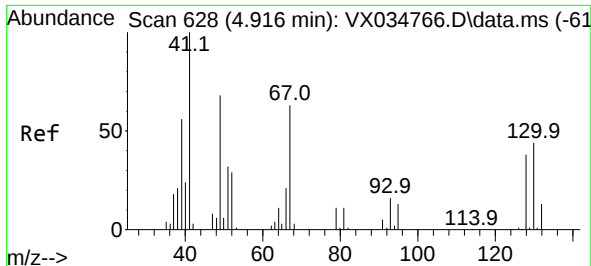


#34
Benzene
Concen: 57.304 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20



Tgt Ion: 78 Resp: 677811
Ion Ratio Lower Upper
78 100
77 24.4 18.9 28.3
51 17.7 11.9 17.9





#35
Methacrylonitrile
Concen: 58.895 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

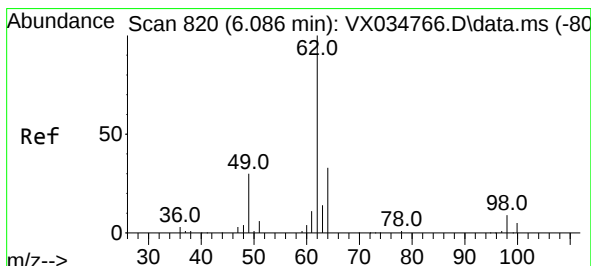
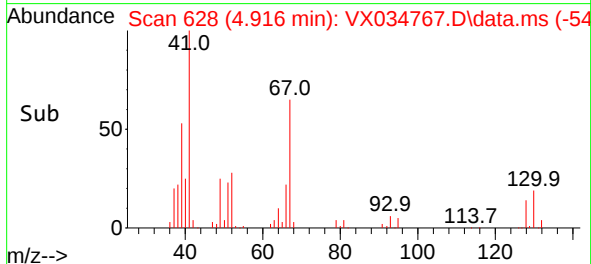
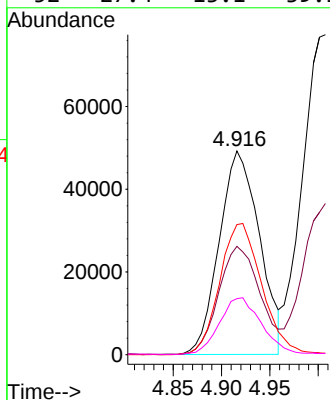
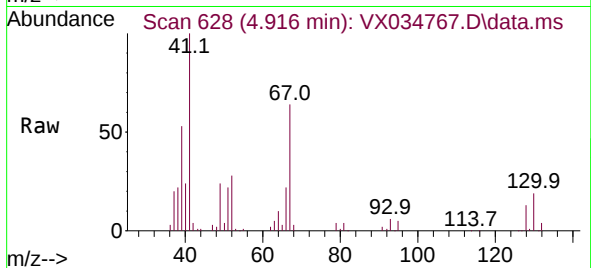
VSTDIC050

Tgt Ion: 41 Resp: 142730
Ion Ratio Lower Upper
41 100
39 53.1 27.0 80.8
67 63.8 37.3 111.8
52 27.4 13.1 39.1

Manual Integrations

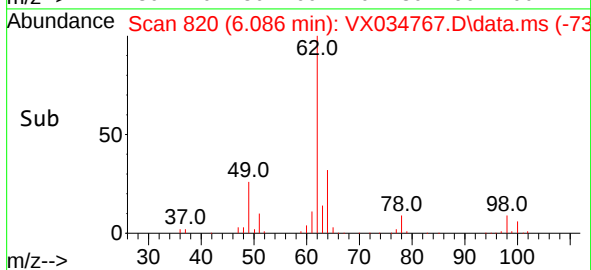
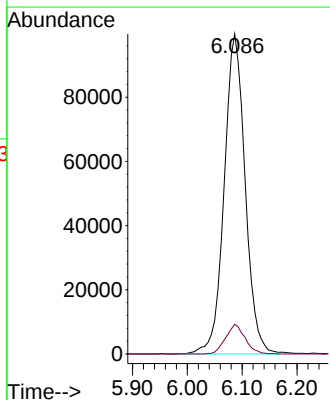
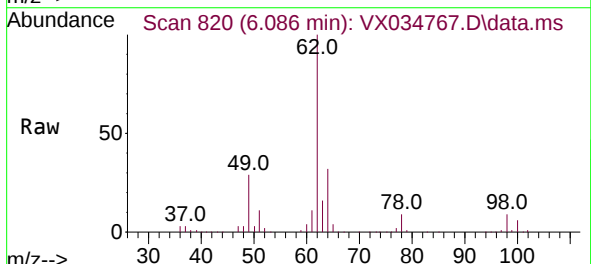
APPROVED

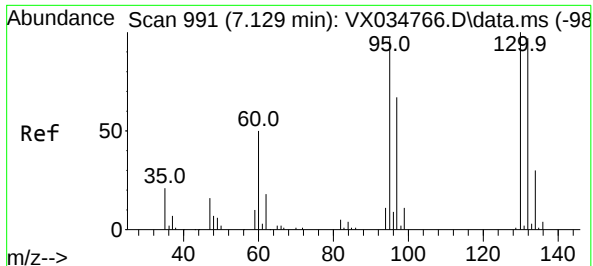
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#36
1,2-Dichloroethane
Concen: 61.996 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

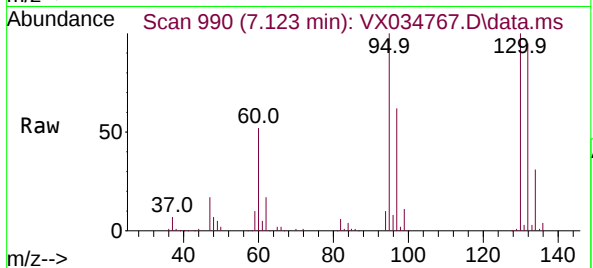
Tgt Ion: 62 Resp: 265152
Ion Ratio Lower Upper
62 100
98 8.5 8.2 12.4





#37
Trichloroethene
Concen: 54.381 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

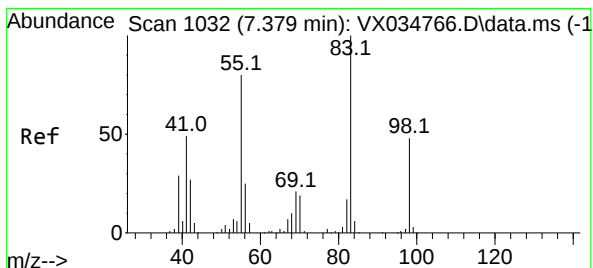
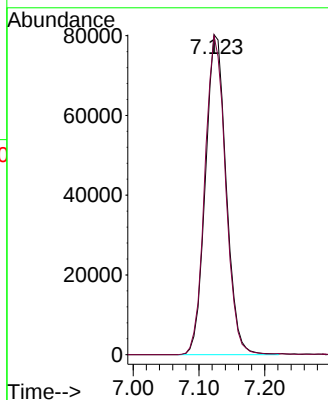
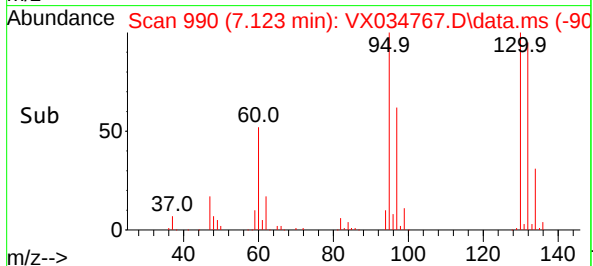
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:130 Resp: 176398
Ion Ratio Lower Upper
130 100
95 99.6 74.1 111.1

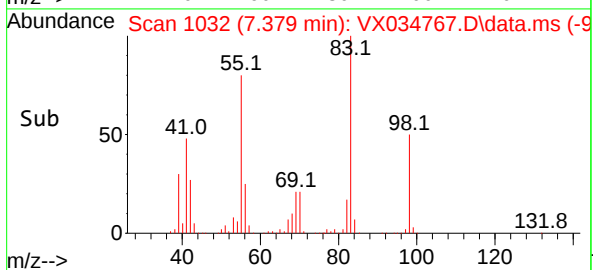
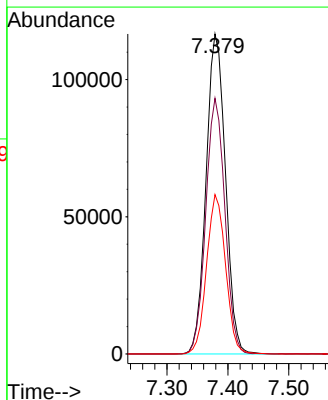
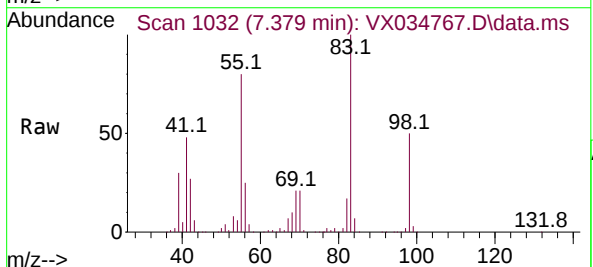
Manual Integrations
APPROVED

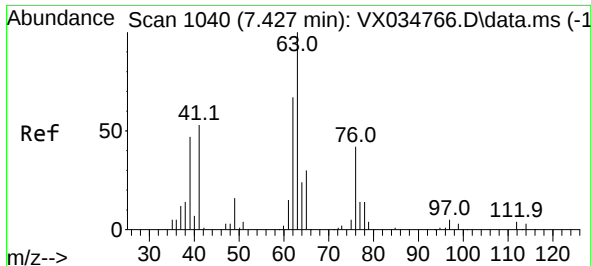
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#38
Methylcyclohexane
Concen: 55.122 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Tgt Ion: 83 Resp: 258371
Ion Ratio Lower Upper
83 100
55 78.8 38.9 116.6
98 48.9 25.4 76.4





#39

1,2-Dichloropropane

Concen: 60.200 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 63 Resp: 17821

Ion Ratio Lower Upper

63 100

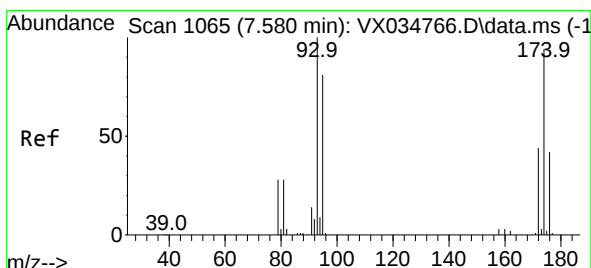
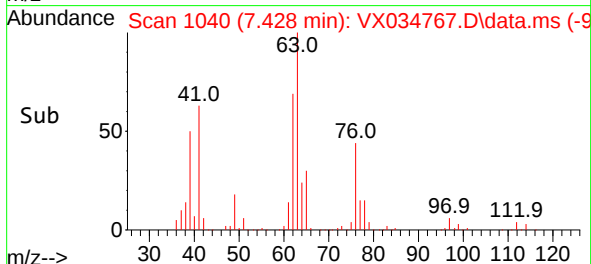
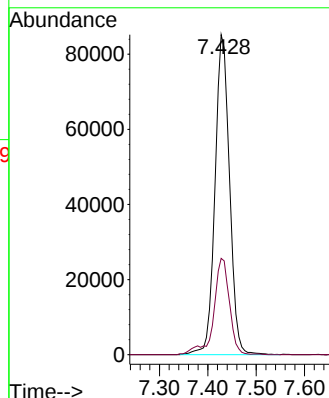
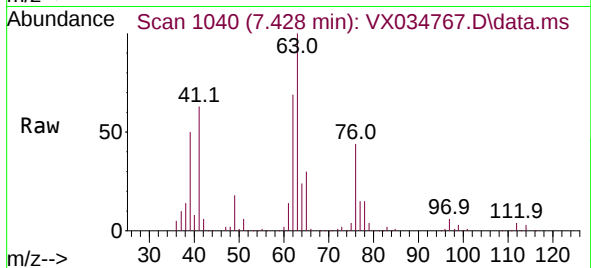
65 30.1 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#40

Dibromomethane

Concen: 58.522 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

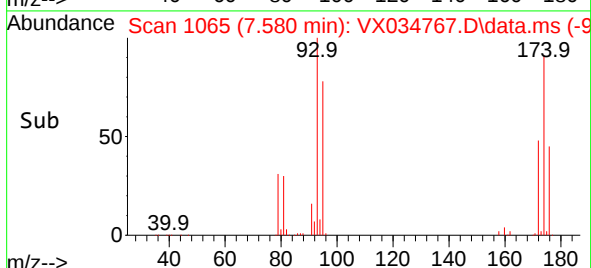
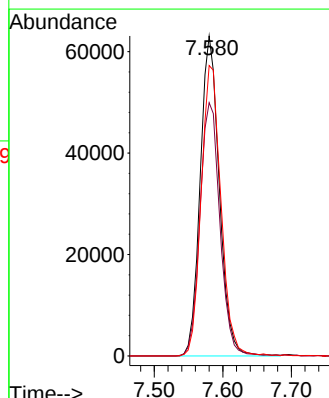
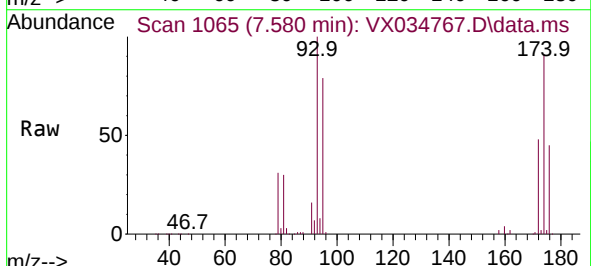
Tgt Ion: 93 Resp: 122317

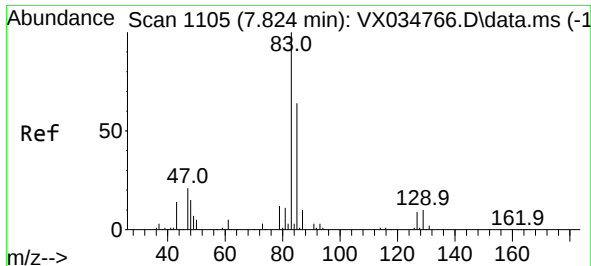
Ion Ratio Lower Upper

93 100

95 82.2 0.0 165.4

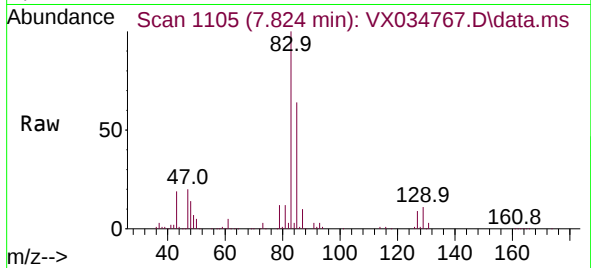
174 93.6 0.0 227.2





#41
Bromodichloromethane
Concen: 58.923 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

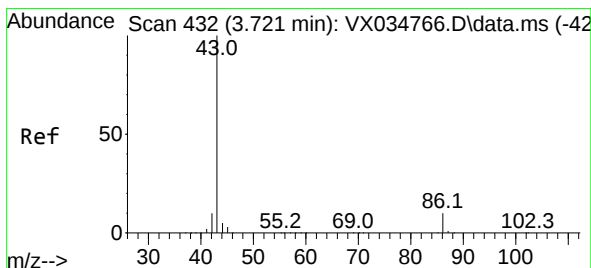
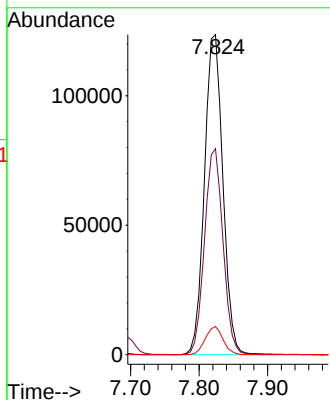
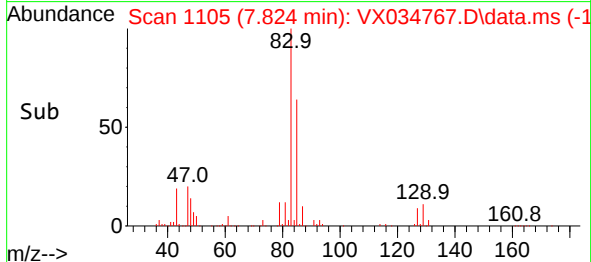
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



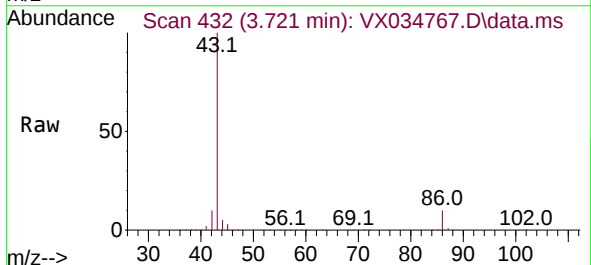
Tgt Ion: 83 Resp: 231980
Ion Ratio Lower Upper
83 100
85 64.4 50.5 75.7
127 8.8 7.2 10.8

Manual Integrations
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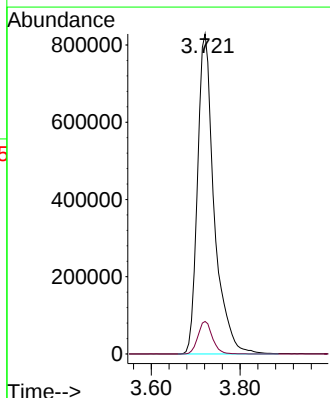
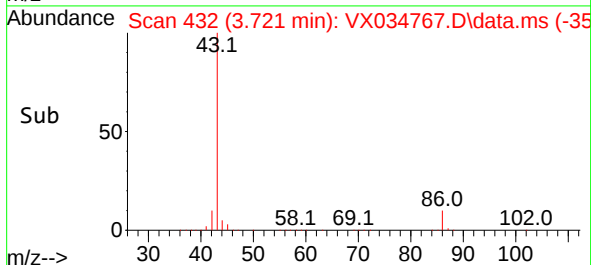
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

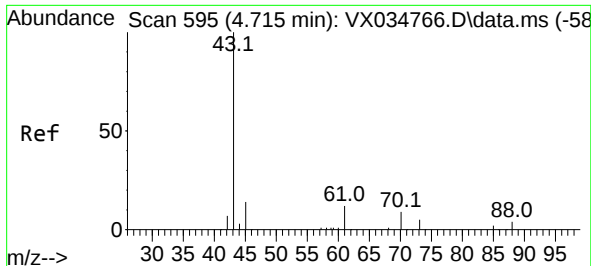


#42
Vinyl Acetate
Concen: 289.319 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20



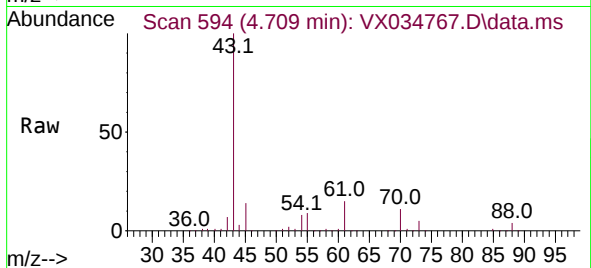
Tgt Ion: 43 Resp: 2160805
Ion Ratio Lower Upper
43 100
86 8.8 7.5 11.3





#43
Ethyl Acetate
Concen: 58.842 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

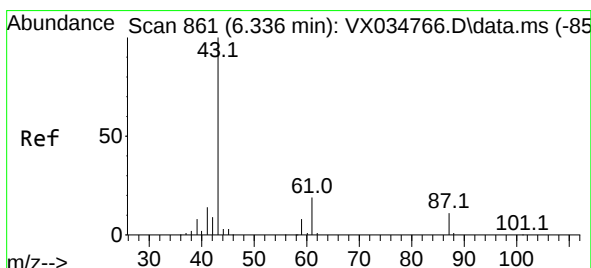
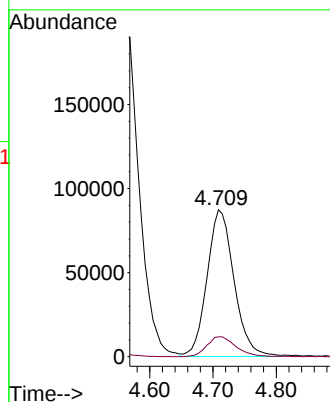
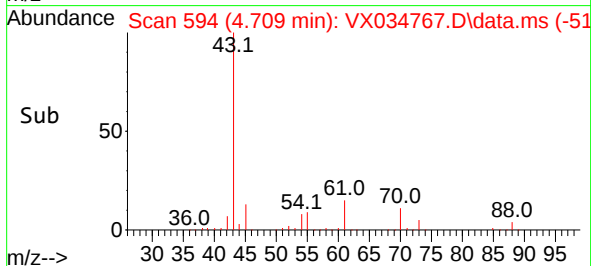
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 258329
Ion Ratio Lower Upper
43 100
45 14.6 12.1 18.1

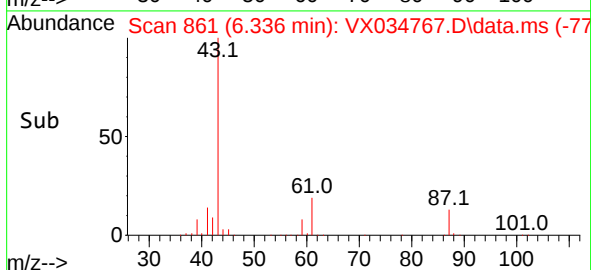
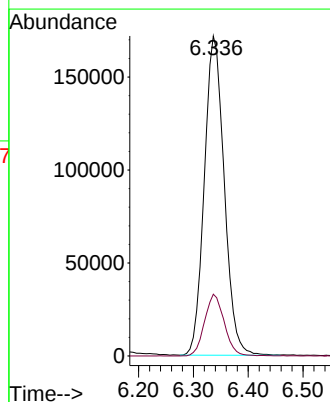
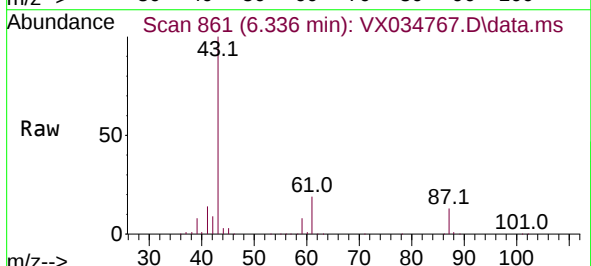
Manual Integrations
APPROVED

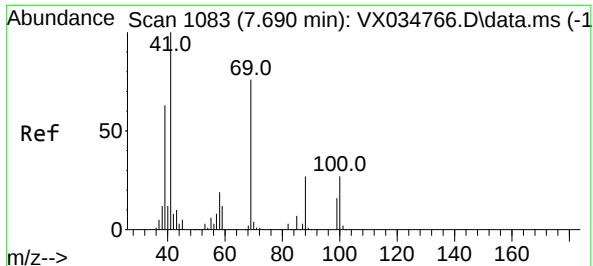
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#44
Isopropyl Acetate
Concen: 63.673 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Tgt Ion: 43 Resp: 433000
Ion Ratio Lower Upper
43 100
61 19.1 15.6 23.4





#45

1,4-Dioxane

Concen: 1236.462 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.012 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 88 Resp: 86540

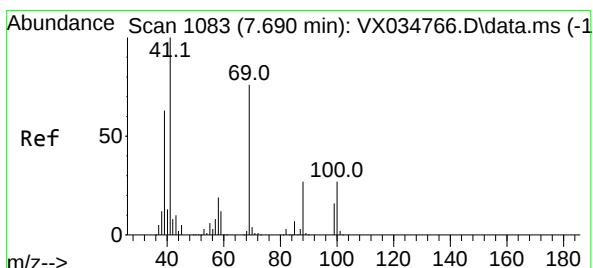
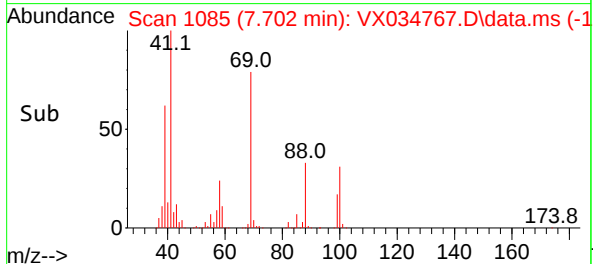
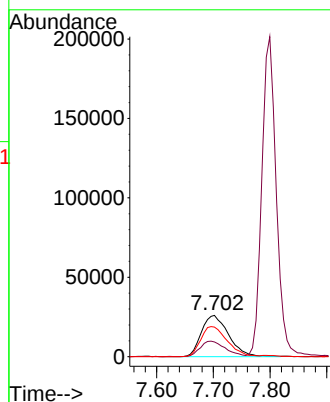
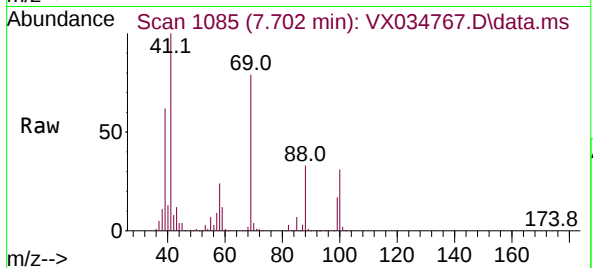
Ion	Ratio	Lower	Upper
88	100		
43	34.5	2.8	4.2
58	70.9	56.5	84.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#46

Methyl methacrylate

Concen: 62.285 ug/l

RT: 7.690 min Scan# 1083

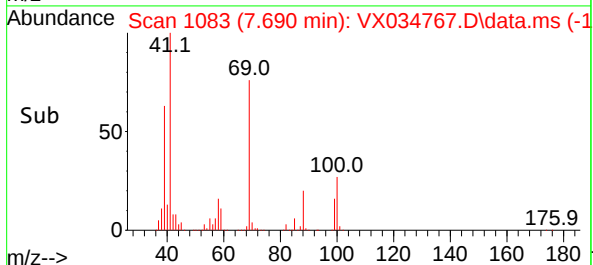
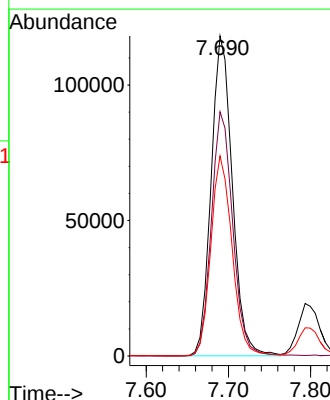
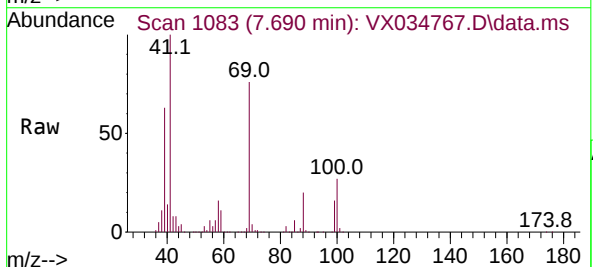
Delta R.T. 0.000 min

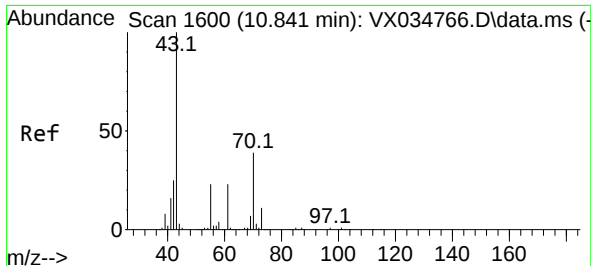
Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

Tgt Ion: 41 Resp: 211500

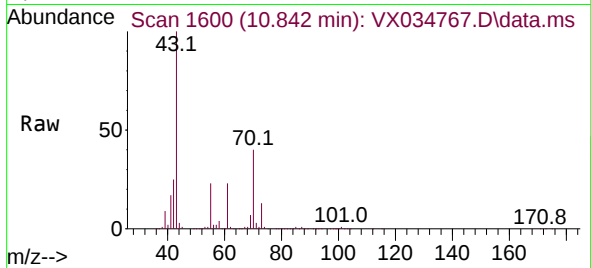
Ion	Ratio	Lower	Upper
41	100		
69	76.3	37.4	112.2
39	62.5	27.2	81.5





#47
n-amy1 Acetate
Concen: 67.444 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

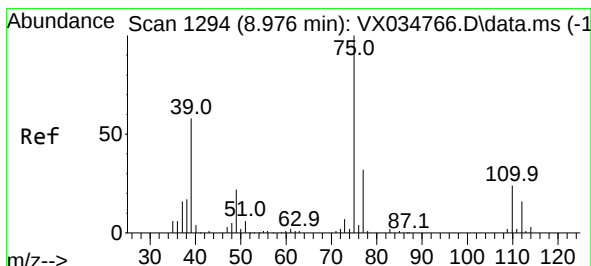
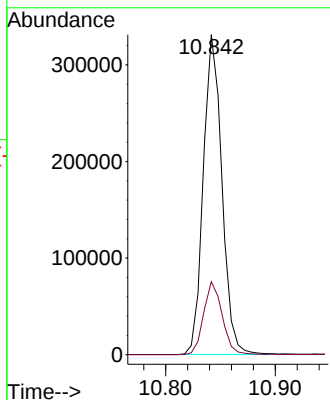
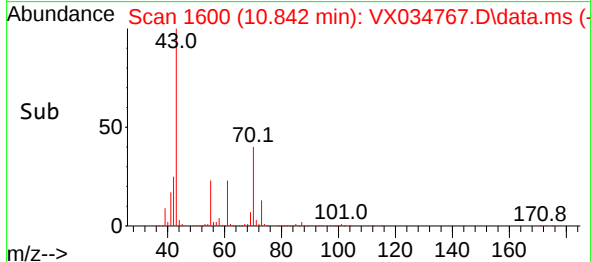
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 43 Resp: 390785
Ion Ratio Lower Upper
43 100
55 22.9 19.8 29.6

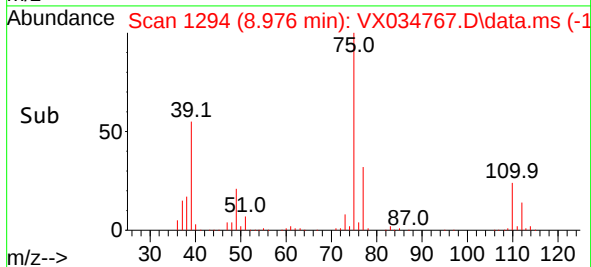
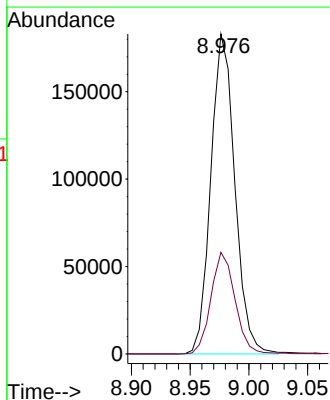
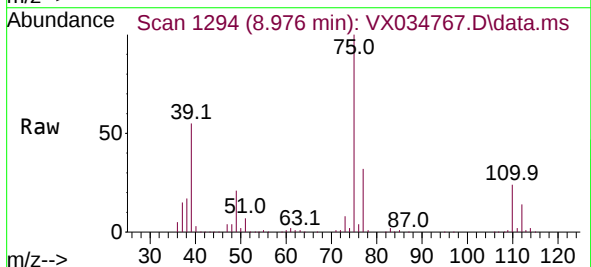
Manual Integrations
APPROVED

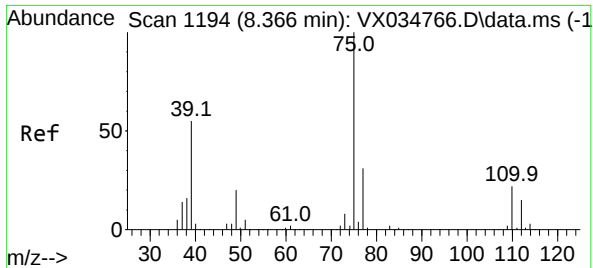
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#48
t-1,3-Dichloropropene
Concen: 61.670 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Tgt Ion: 75 Resp: 259789
Ion Ratio Lower Upper
75 100
77 31.8 24.0 36.0





#49

cis-1,3-Dichloropropene

Concen: 59.590 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 75 Resp: 28066

Ion Ratio Lower Upper

75 100

77 31.0 25.8 38.8

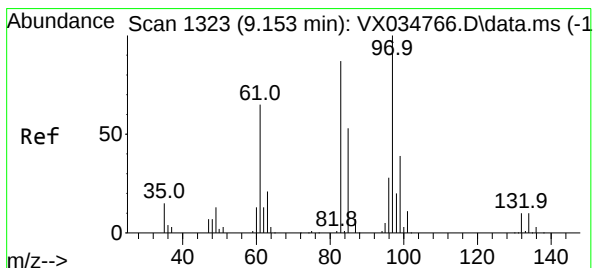
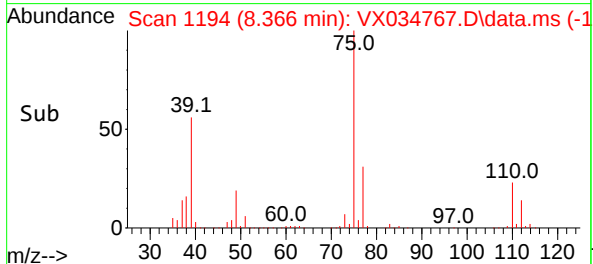
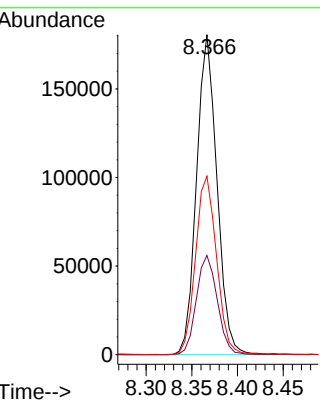
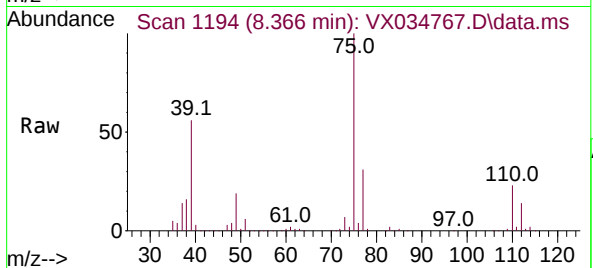
39 55.7 42.2 63.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#50

1,1,2-Trichloroethane

Concen: 55.284 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

Tgt Ion: 97 Resp: 169795

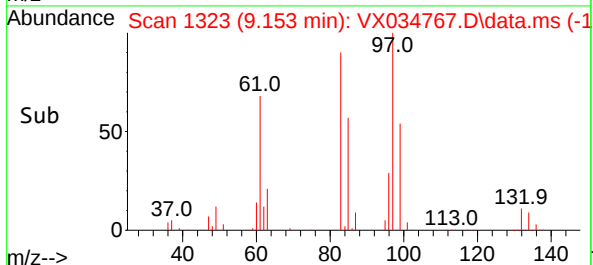
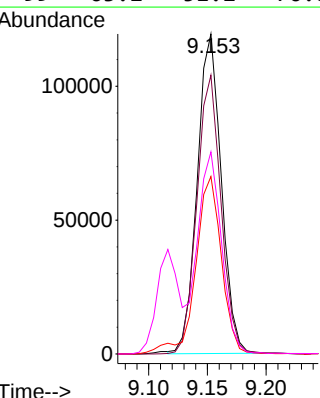
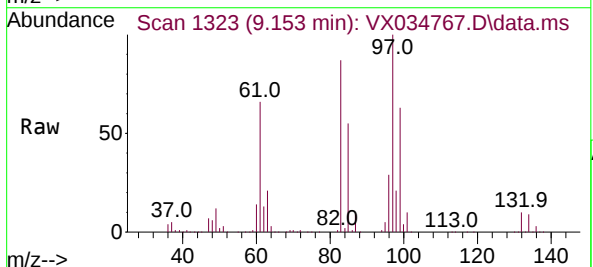
Ion Ratio Lower Upper

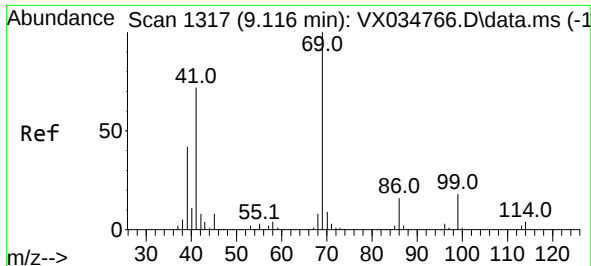
97 100

83 87.2 65.4 98.0

85 55.4 42.5 63.7

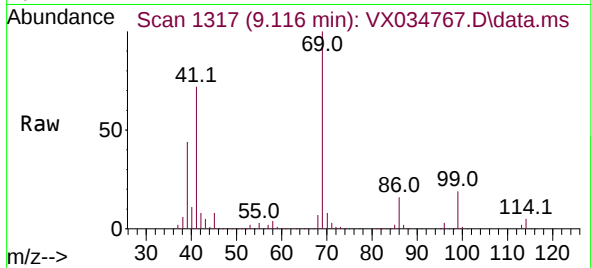
99 63.2 51.2 76.8





#51
Ethyl methacrylate
Concen: 60.001 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

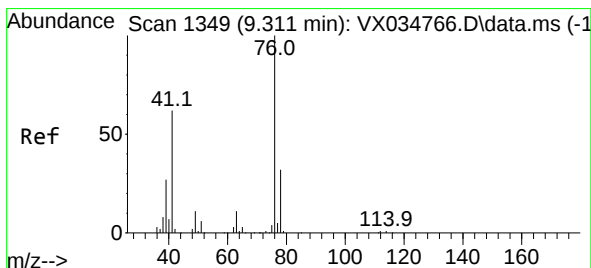
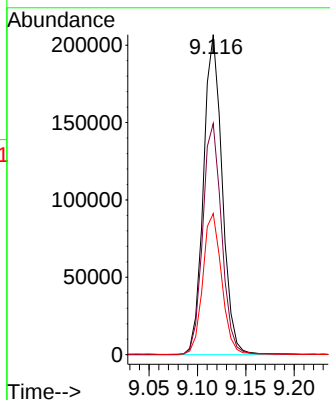
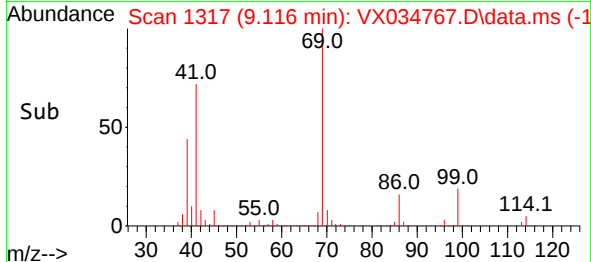
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 69 Resp: 27905
Ion Ratio Lower Upper
69 100
41 72.2 35.8 107.3
39 43.9 20.2 60.6

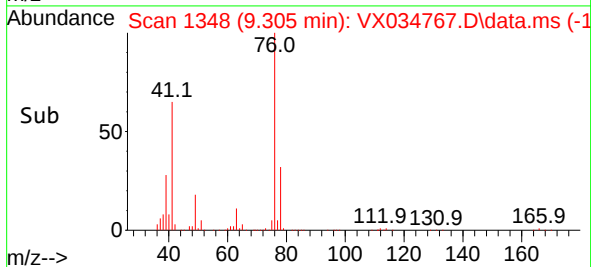
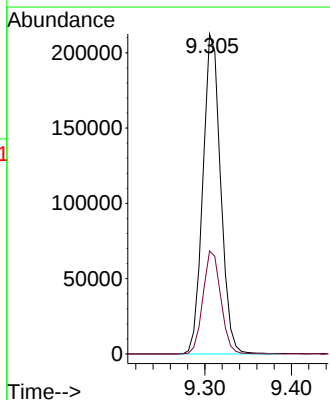
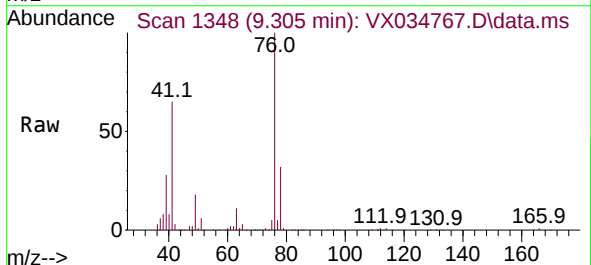
Manual Integrations
APPROVED

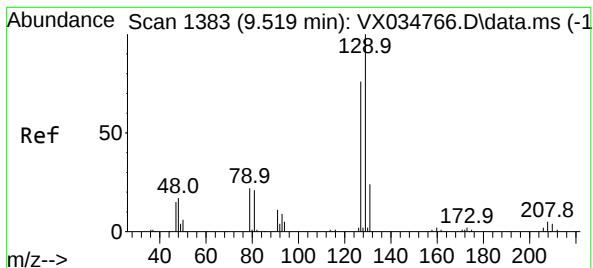
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#52
1,3-Dichloropropane
Concen: 57.612 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Tgt Ion: 76 Resp: 302382
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.6





#53

Dibromochloromethane

Concen: 53.230 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:129 Resp: 17424

Ion Ratio Lower Upper

129 100

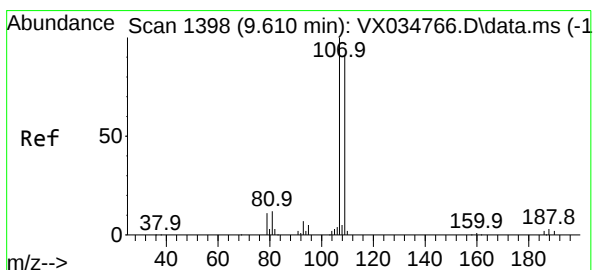
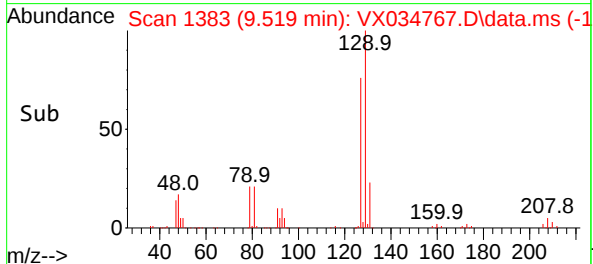
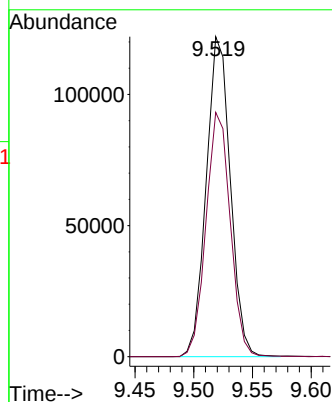
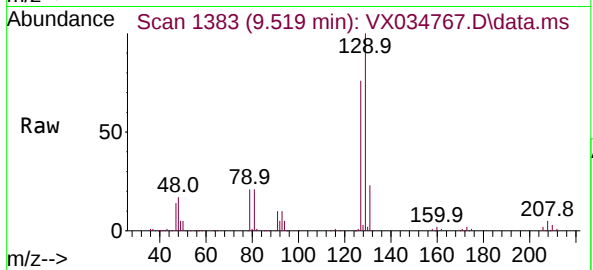
127 76.8 38.6 116.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#54

1,2-Dibromoethane

Concen: 55.658 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX034767.D

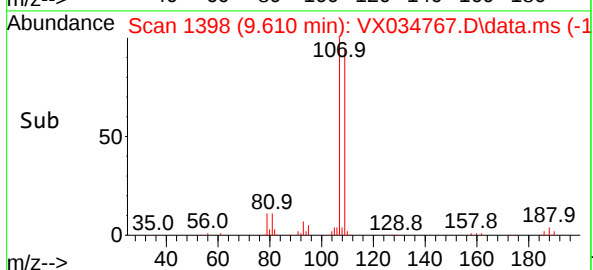
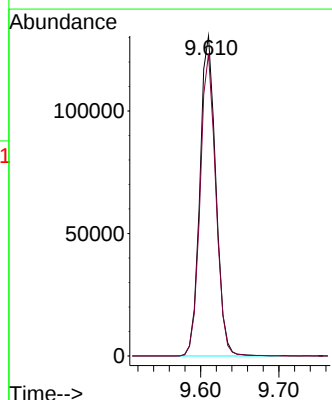
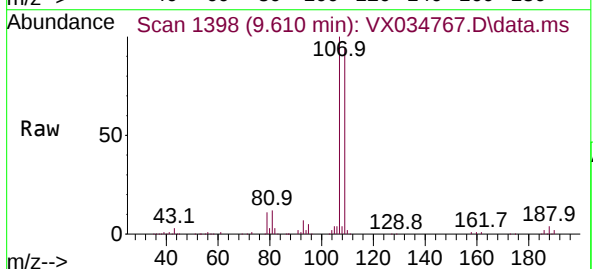
Acq: 27 Mar 2023 23:20

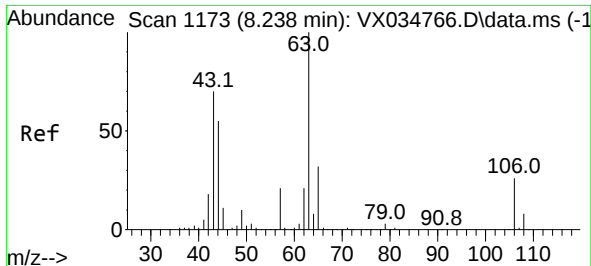
Tgt Ion:107 Resp: 184284

Ion Ratio Lower Upper

107 100

109 93.0 75.7 113.5





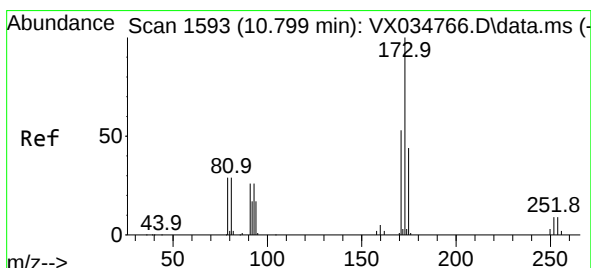
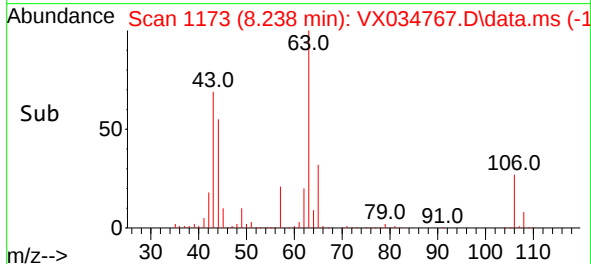
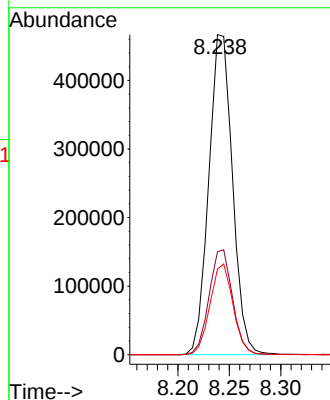
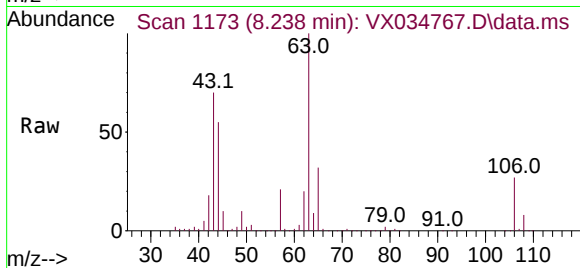
#55
2-Chloroethyl vinyl ether
Concen: 332.656 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion: 63 Resp: 74922
Ion Ratio Lower Upper
63 100
65 32.4 25.4 38.2
106 27.6 23.9 35.9

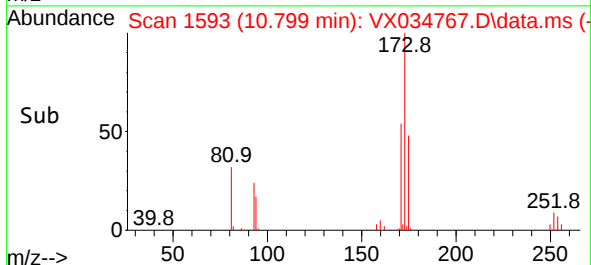
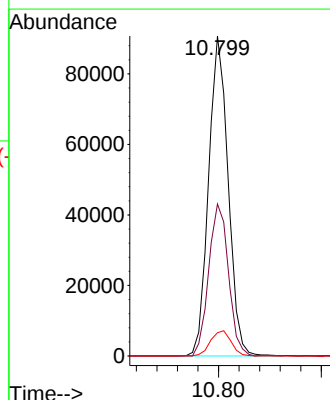
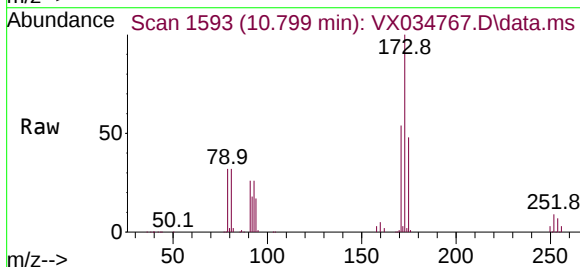
Manual Integrations
APPROVED

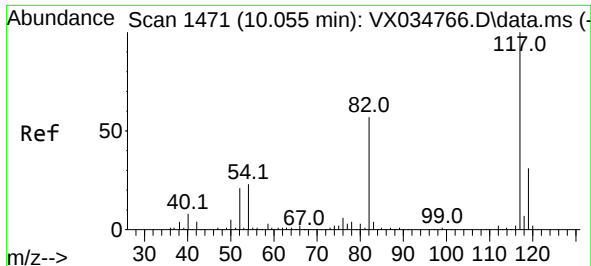
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#56
Bromoform
Concen: 48.936 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Tgt Ion:173 Resp: 119535
Ion Ratio Lower Upper
173 100
175 48.0 39.8 59.6
254 8.3 9.0 13.6#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 117 Resp: 22391

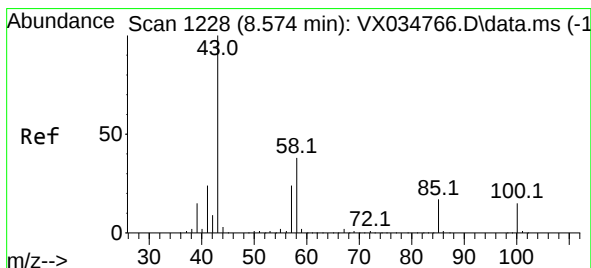
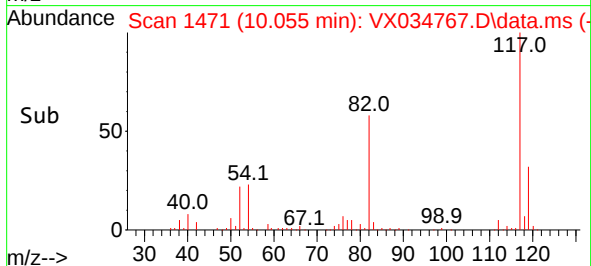
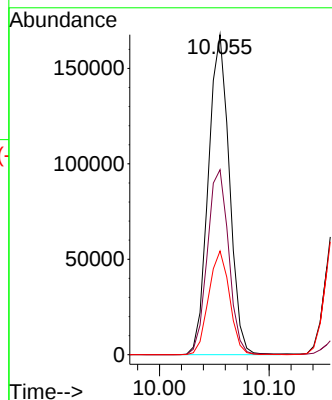
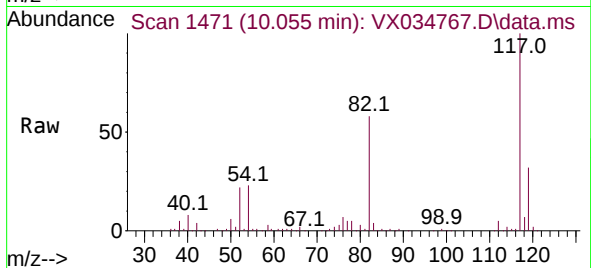
Ion	Ratio	Lower	Upper
117	100		
82	58.6	42.6	64.0
119	32.2	26.4	39.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#58

4-Methyl-2-Pentanone

Concen: 308.082 ug/l

RT: 8.574 min Scan# 1228

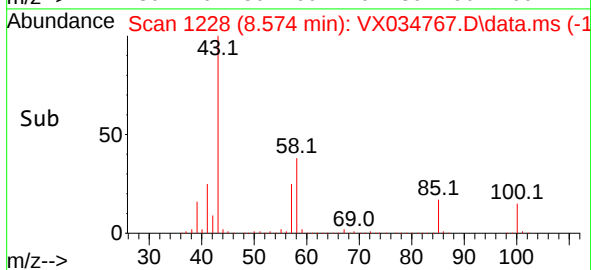
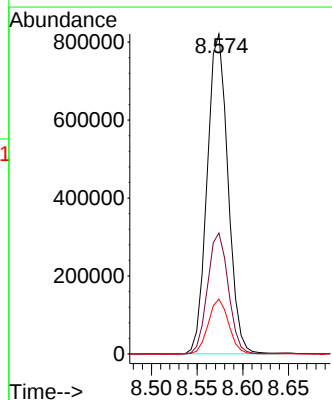
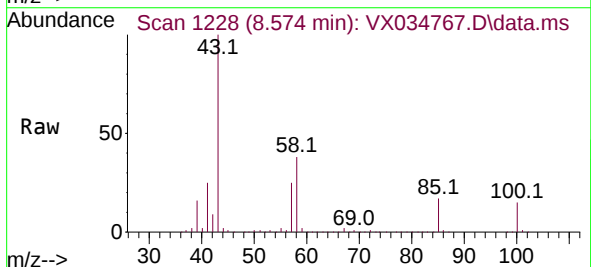
Delta R.T. 0.000 min

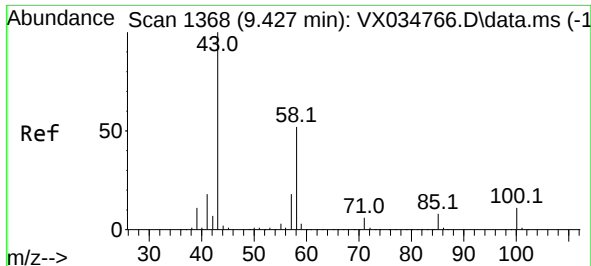
Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

Tgt Ion: 43 Resp: 1297680

Ion	Ratio	Lower	Upper
43	100		
58	37.8	29.8	44.6
85	16.8	13.7	20.5





#59

2-Hexanone

Concen: 314.384 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 43 Resp: 993678

Ion Ratio Lower Upper

43 100

58 52.0 41.6 62.4

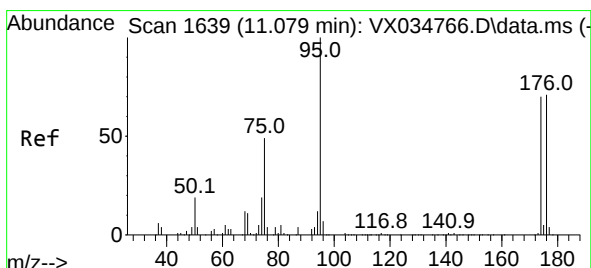
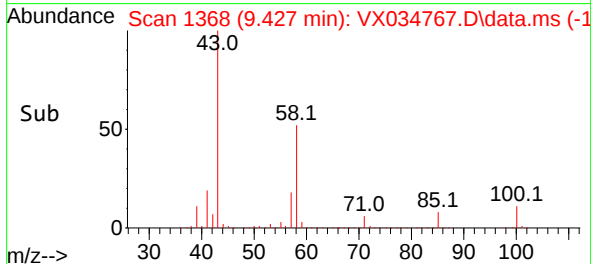
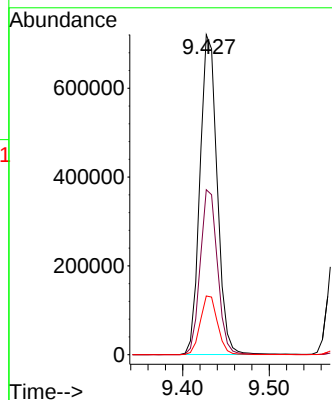
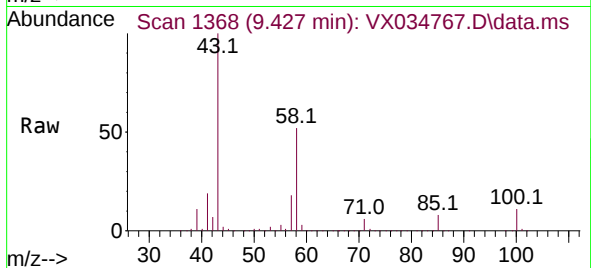
57 18.5 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#60

4-Bromofluorobenzene

Concen: 34.027 ug/l m

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

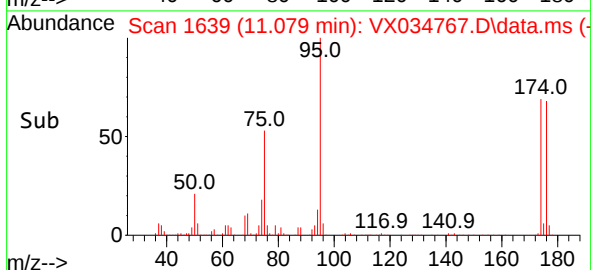
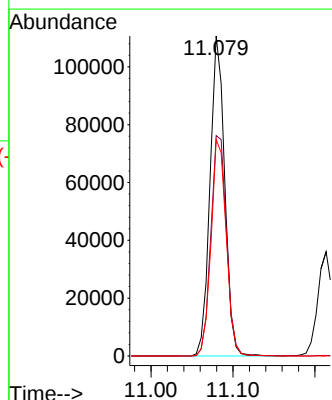
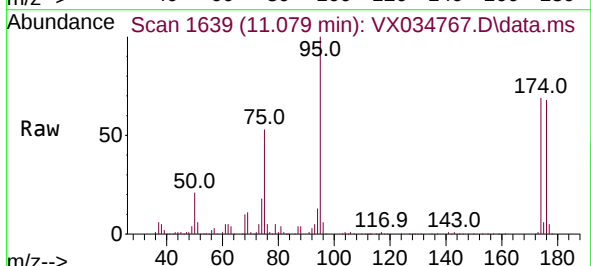
Tgt Ion: 95 Resp: 137380

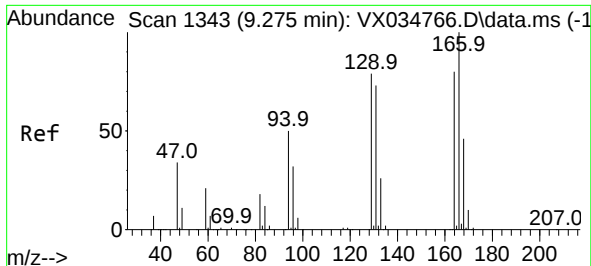
Ion Ratio Lower Upper

95 100

174 0.3 74.6 111.8#

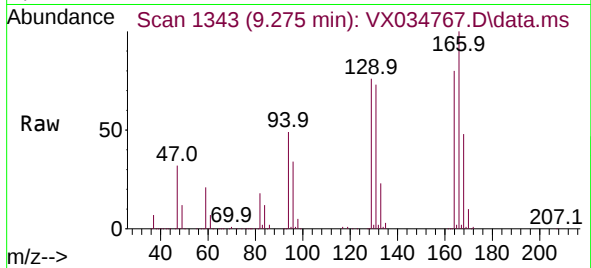
176 0.3 72.2 108.2#





#61
Tetrachloroethene
Concen: 51.162 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

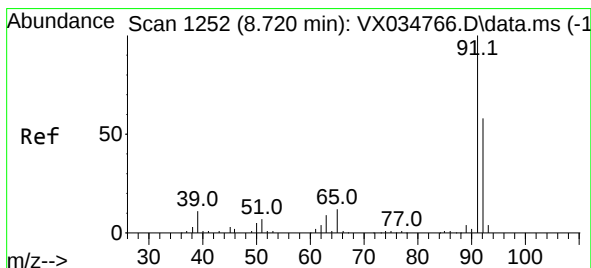
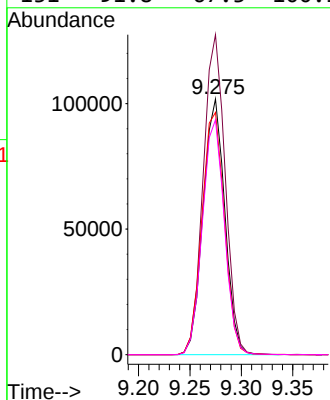
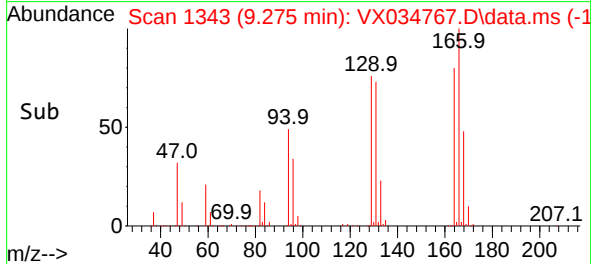
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion:164 Resp: 150410
Ion Ratio Lower Upper
164 100
166 125.1 100.6 151.0
129 94.6 69.9 104.9
131 91.8 67.3 100.9

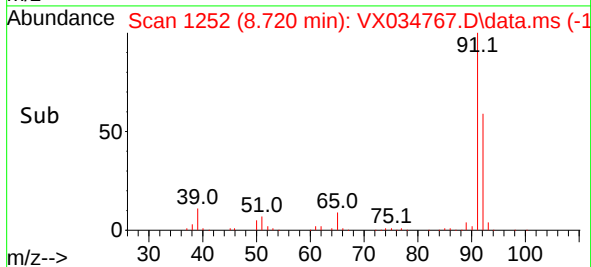
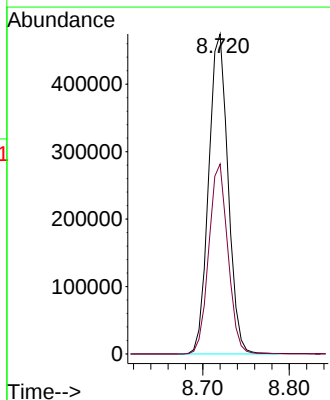
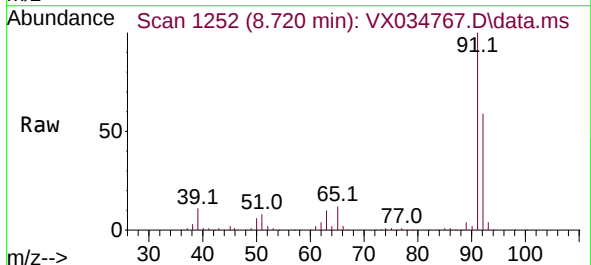
Manual Integrations
APPROVED

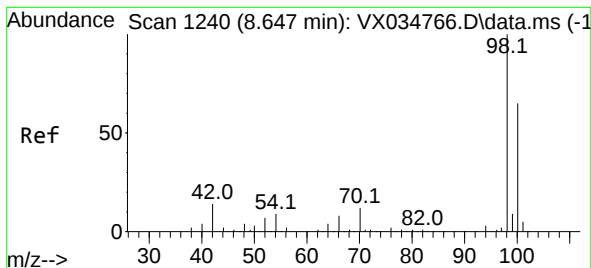
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#62
Toluene
Concen: 58.095 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Tgt Ion: 91 Resp: 736657
Ion Ratio Lower Upper
91 100
92 58.6 47.5 71.3





#63

Toluene-d8

Concen: 31.713 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion: 98 Resp: 228218

Ion Ratio Lower Upper

98 100

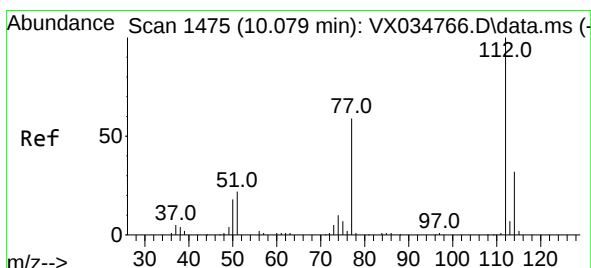
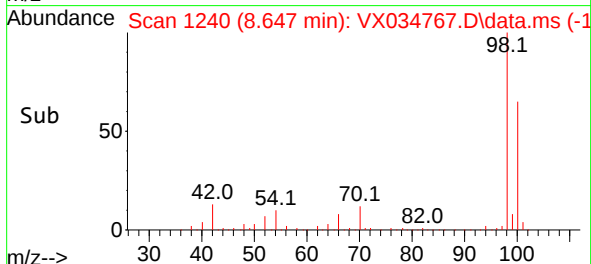
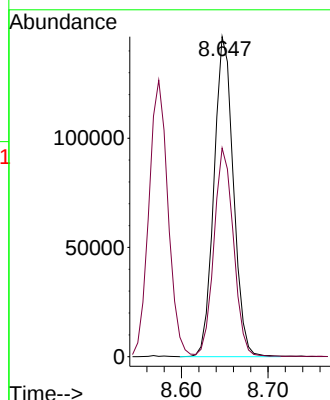
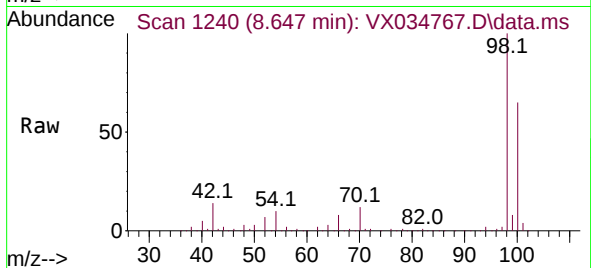
100 65.6 52.7 79.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#64

Chlorobenzene

Concen: 54.405 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX034767.D

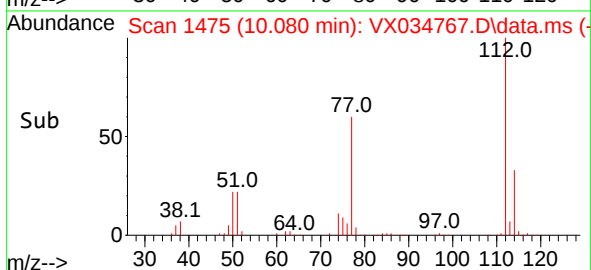
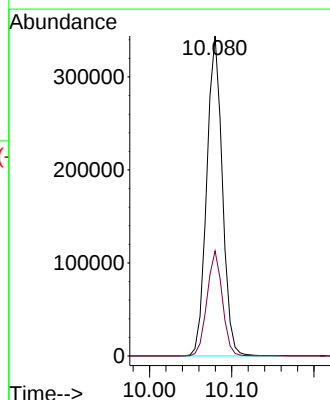
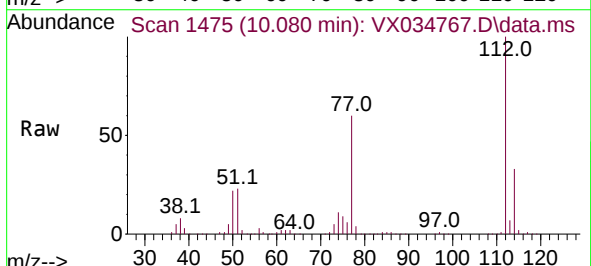
Acq: 27 Mar 2023 23:20

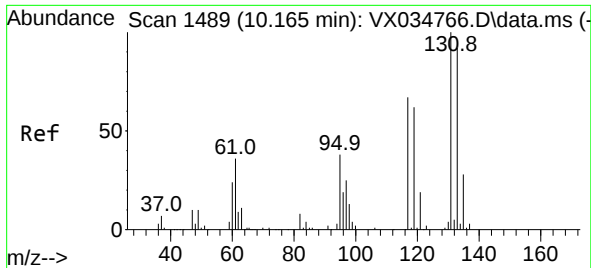
Tgt Ion:112 Resp: 453832

Ion Ratio Lower Upper

112 100

114 32.9 25.7 38.5





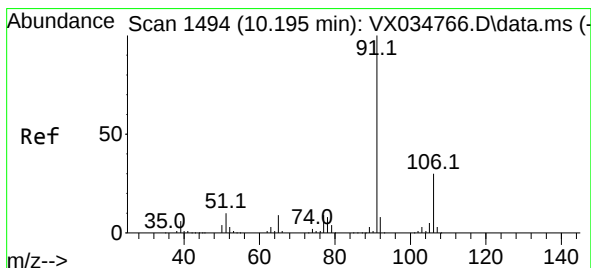
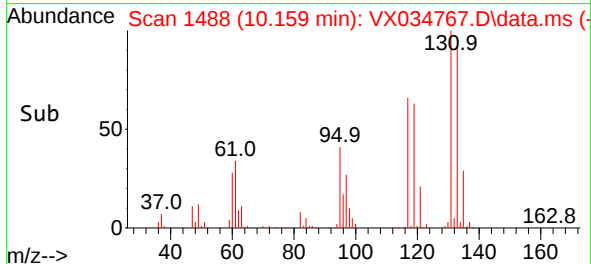
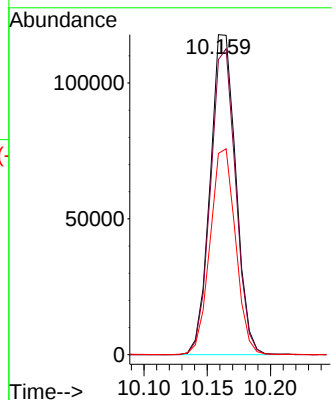
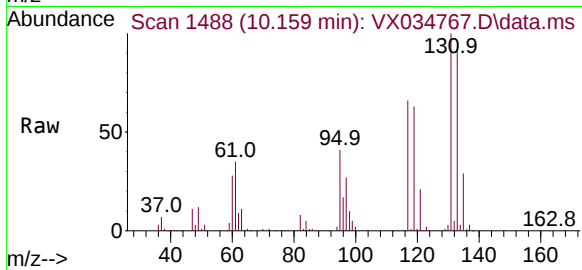
#65
1,1,1,2-Tetrachloroethane
Concen: 54.174 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tgt Ion:131 Resp: 166390
Ion Ratio Lower Upper
131 100
133 93.3 0.0 188.8
119 63.7 0.0 123.4

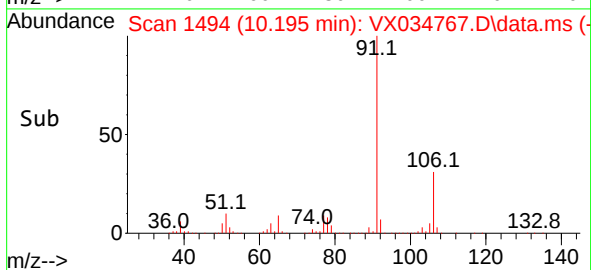
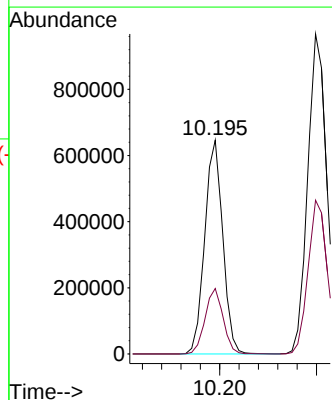
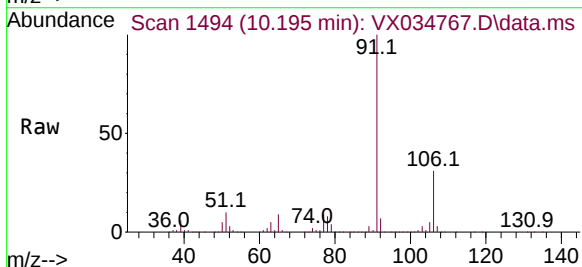
Manual Integrations
APPROVED

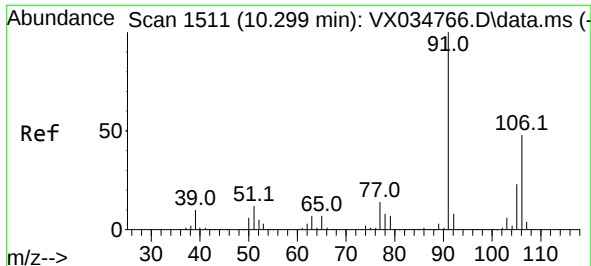
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#66
Ethyl Benzene
Concen: 58.244 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Tgt Ion: 91 Resp: 839800
Ion Ratio Lower Upper
91 100
106 30.6 26.7 40.1





#67

m/p-Xylenes

Concen: 112.286 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:106 Resp: 63267

Ion Ratio Lower Upper

106 100

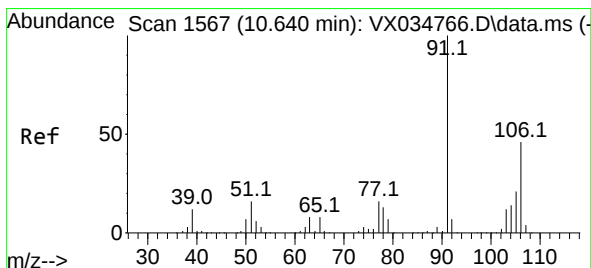
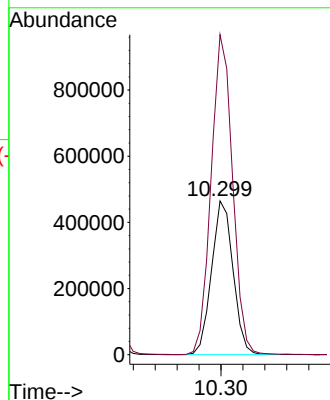
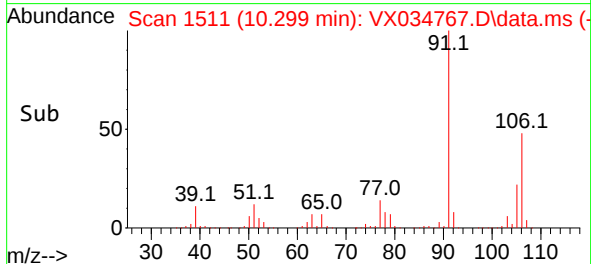
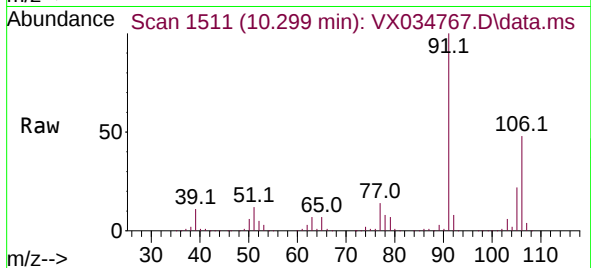
91 208.2 159.7 239.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#68

o-Xylene

Concen: 55.341 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX034767.D

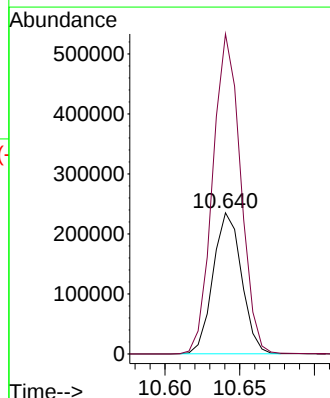
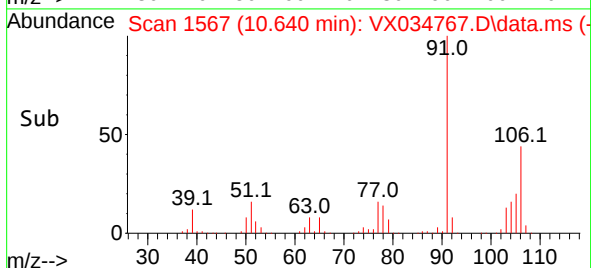
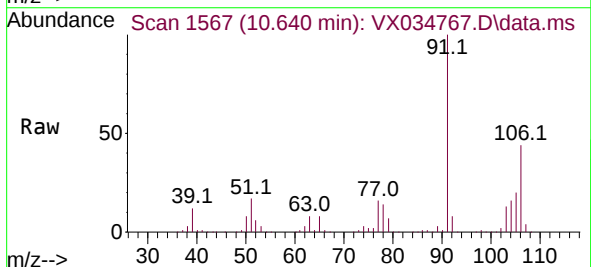
Acq: 27 Mar 2023 23:20

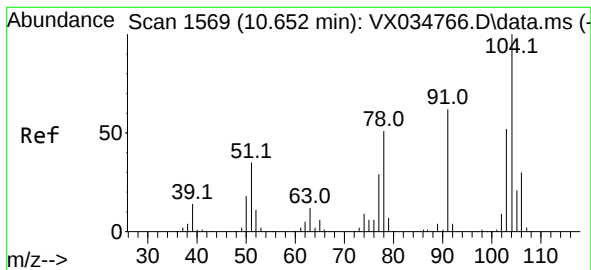
Tgt Ion:106 Resp: 310923

Ion Ratio Lower Upper

106 100

91 222.7 102.8 308.5





#69

Styrene

Concen: 56.333 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

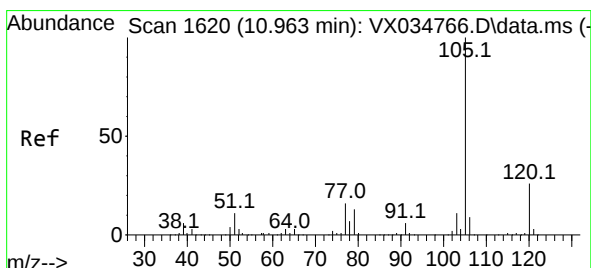
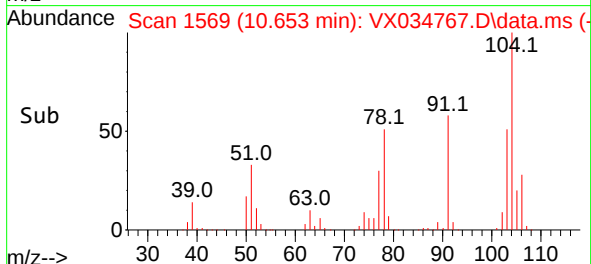
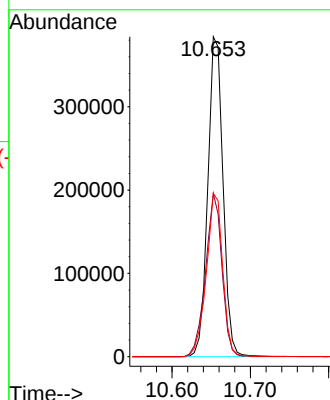
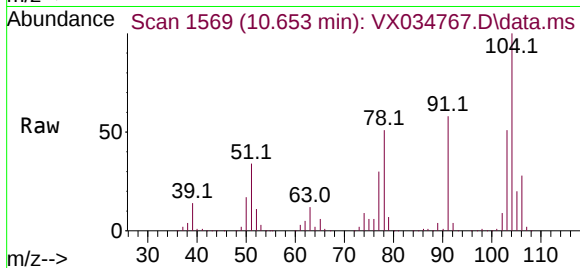
Tgt Ion:104	Resp: 51794
Ion Ratio	Lower Upper
104 100	
78 54.7	37.6 56.4
103 54.9	44.2 66.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#70

Isopropylbenzene

Concen: 56.781 ug/l

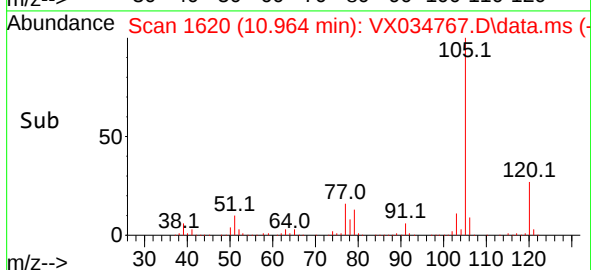
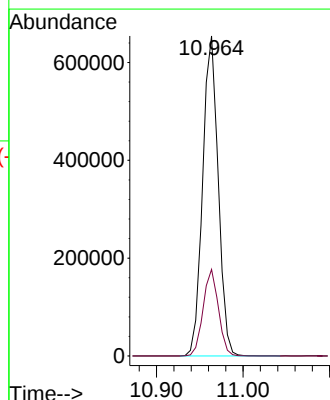
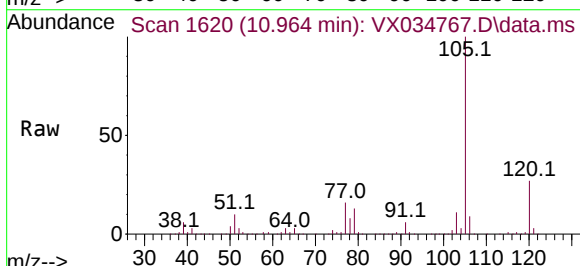
RT: 10.964 min Scan# 1620

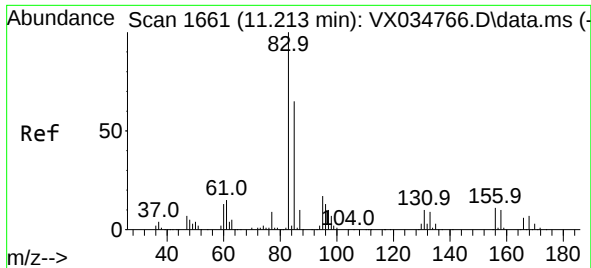
Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

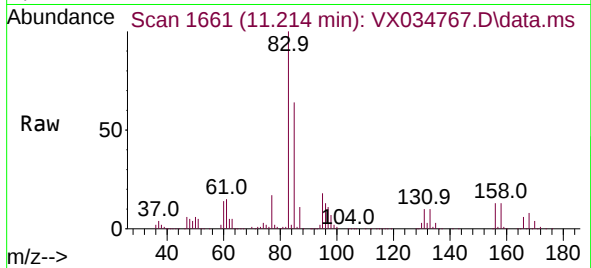
Tgt Ion:105	Resp: 815976
Ion Ratio	Lower Upper
105 100	
120 26.6	19.7 36.5





#71
1,1,2,2-Tetrachloroethane
Concen: 59.947 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

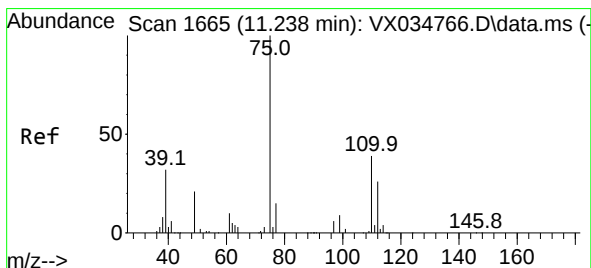
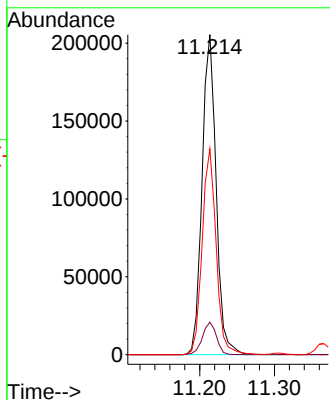
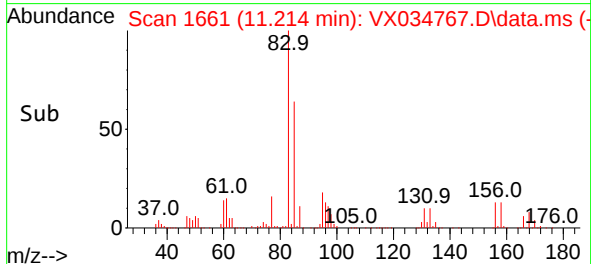
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



Tgt Ion: 83 Resp: 268034
Ion Ratio Lower Upper
83 100
131 10.1 5.7 17.0
85 64.2 33.3 99.8

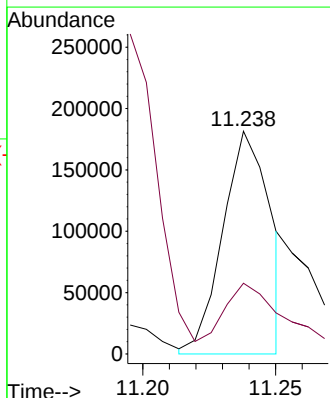
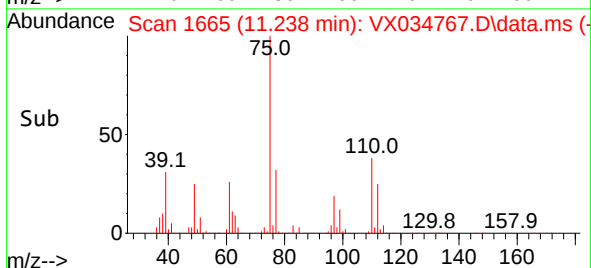
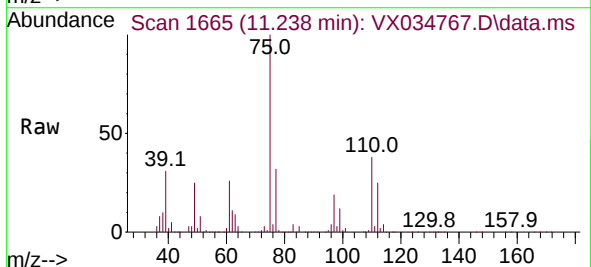
Manual Integrations
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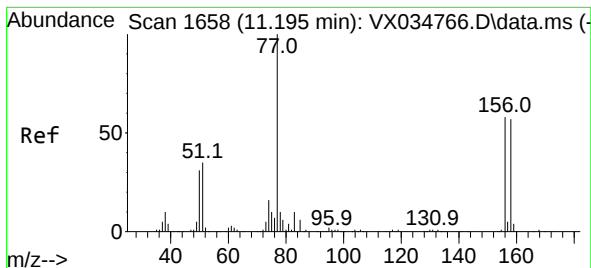
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#72
1,2,3-Trichloropropane
Concen: 55.471 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Tgt Ion: 75 Resp: 225295
Ion Ratio Lower Upper
75 100
77 42.7 0.0 75.6





#73

Bromobenzene

Concen: 50.408 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:156 Resp: 192108

Ion Ratio Lower Upper

156 100

77 174.2 0.0 269.4

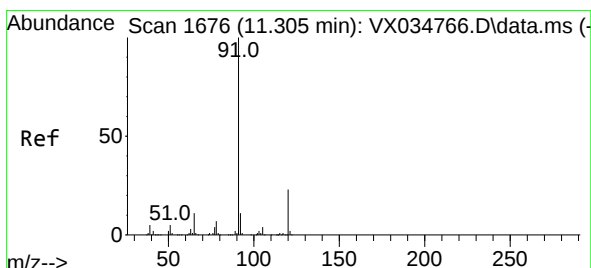
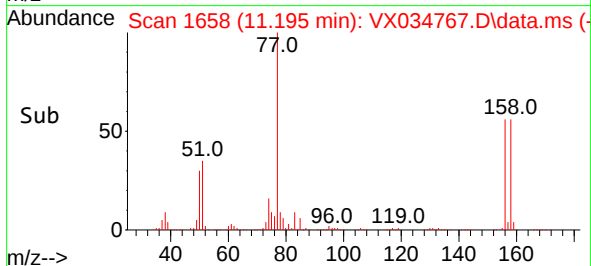
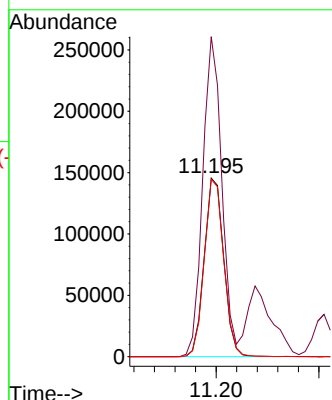
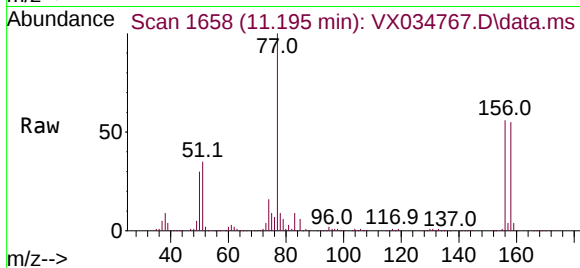
158 99.3 0.0 192.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#74

n-propylbenzene

Concen: 58.838 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX034767.D

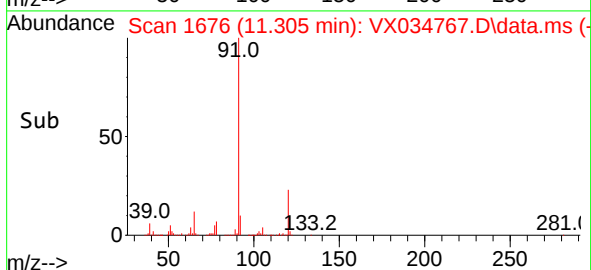
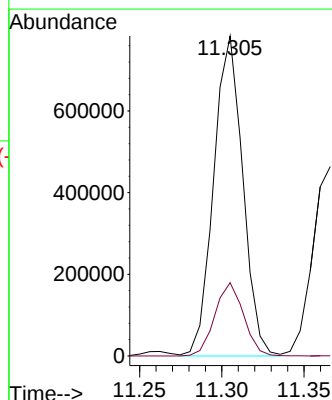
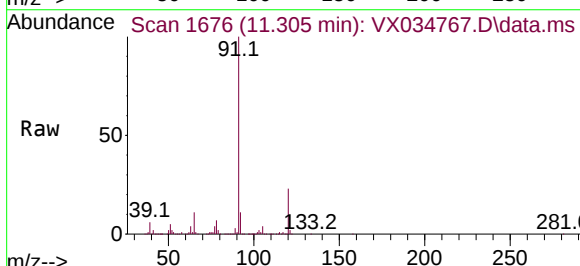
Acq: 27 Mar 2023 23:20

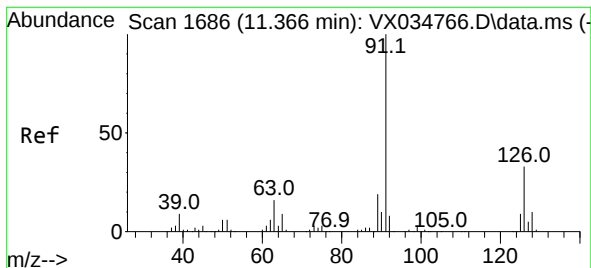
Tgt Ion: 91 Resp: 963859

Ion Ratio Lower Upper

91 100

120 22.6 0.0 48.8





#75

2-Chlorotoluene

Concen: 59.679 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion: 91 Resp: 587644

Ion Ratio Lower Upper

91 100

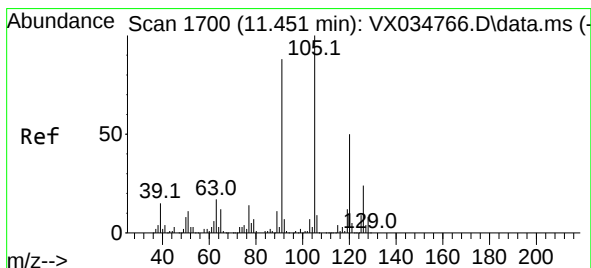
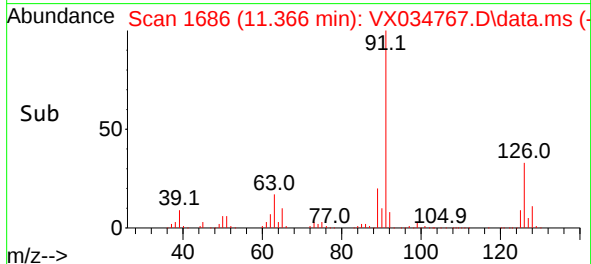
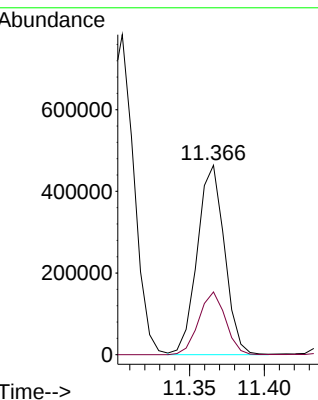
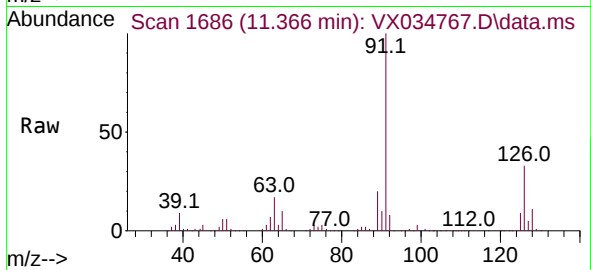
126 32.4 0.0 73.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#76

1,3,5-Trimethylbenzene

Concen: 57.677 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX034767.D

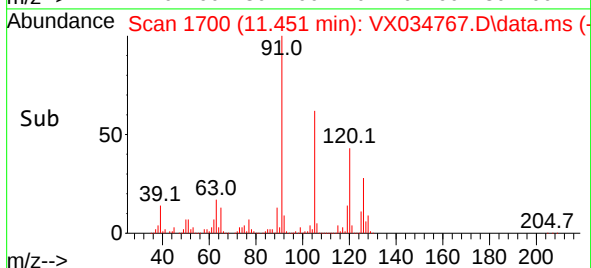
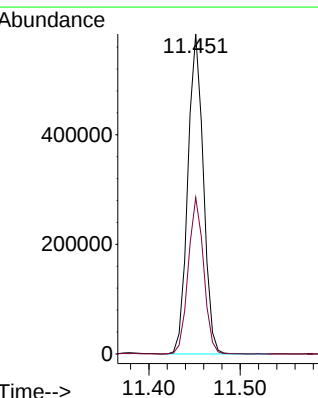
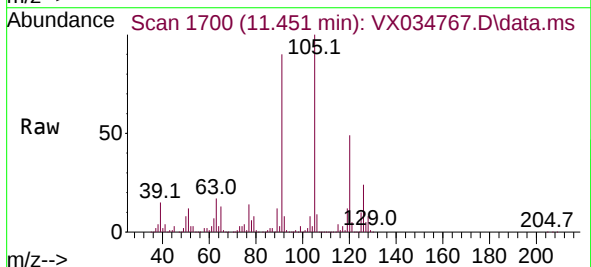
Acq: 27 Mar 2023 23:20

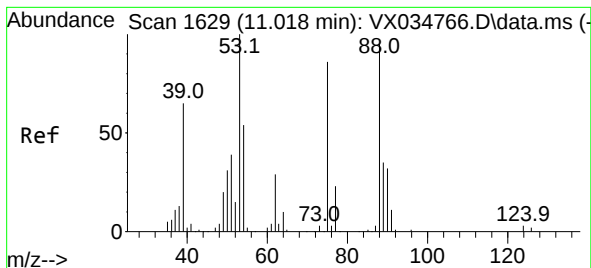
Tgt Ion:105 Resp: 686532

Ion Ratio Lower Upper

105 100

120 48.5 0.0 102.2





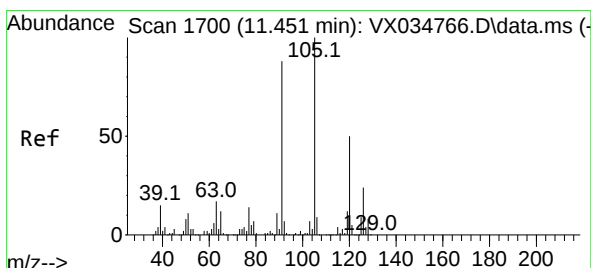
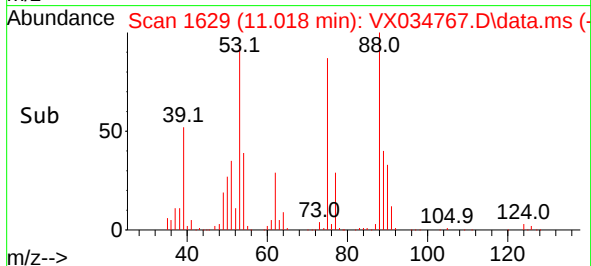
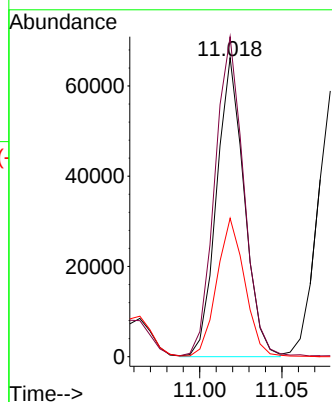
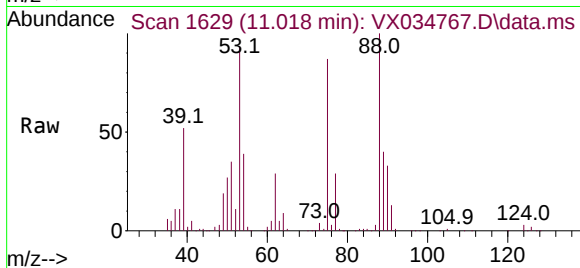
#77
t-1,4-Dichloro-2-butene
Concen: 63.348 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion: 75 Resp: 77474
Ion Ratio Lower Upper
75 100
53 107.0 55.5 166.3
89 46.2 23.3 69.8

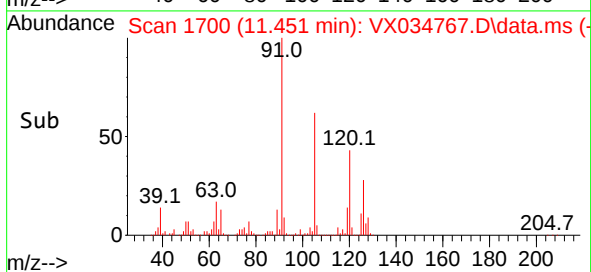
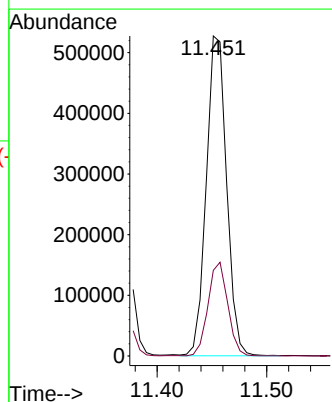
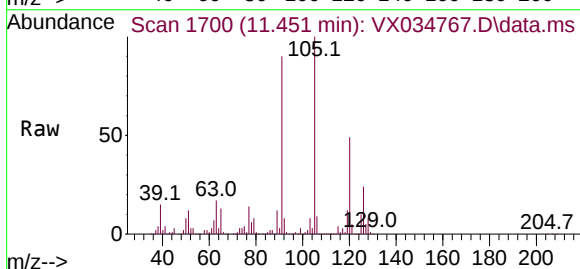
Manual Integrations
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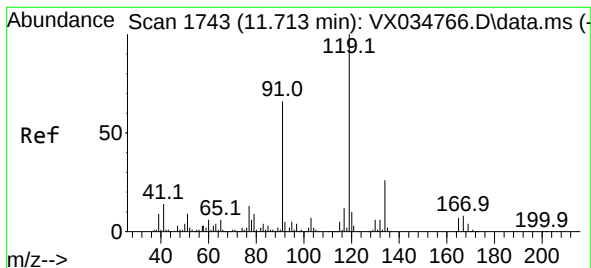
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#78
4-Chlorotoluene
Concen: 61.198 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Tgt Ion: 91 Resp: 679096
Ion Ratio Lower Upper
91 100
126 28.5 0.0 65.2





#79

tert-butylbenzene

Concen: 54.748 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion:119 Resp: 658109

Ion Ratio Lower Upper

119 100

91 62.6 0.0 108.4

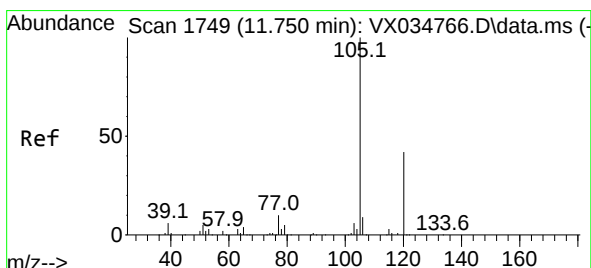
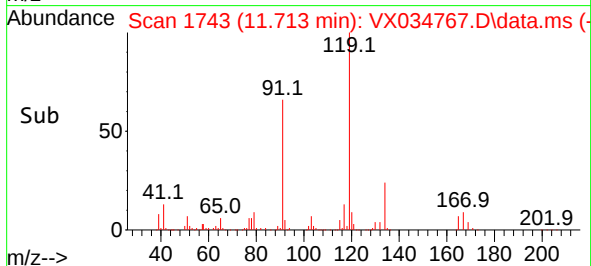
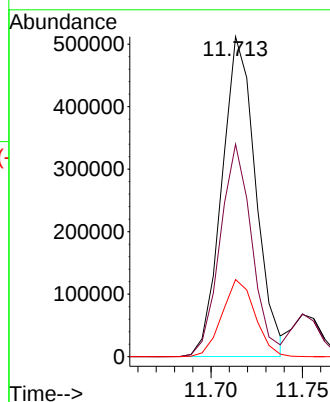
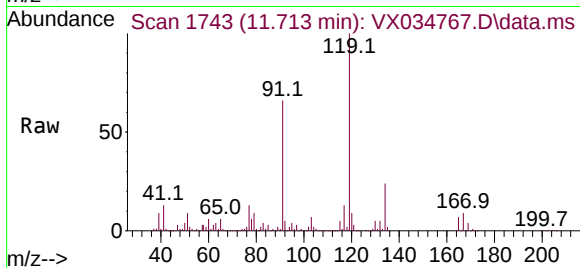
134 23.6 0.0 50.0

Manual Integrations

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Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#80

1,2,4-Trimethylbenzene

Concen: 58.221 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034767.D

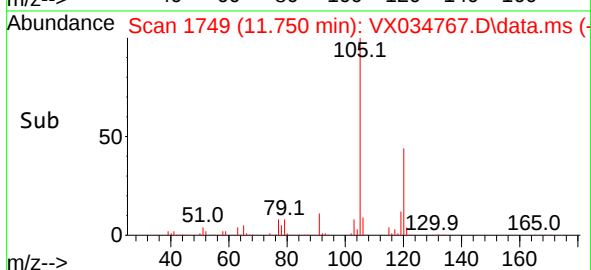
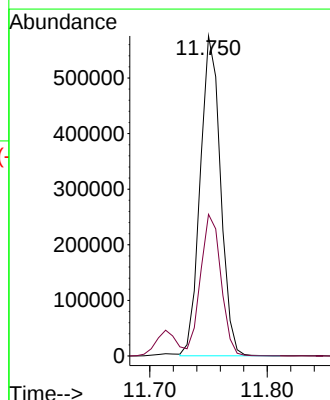
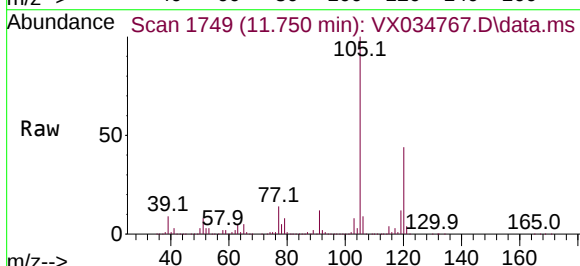
Acq: 27 Mar 2023 23:20

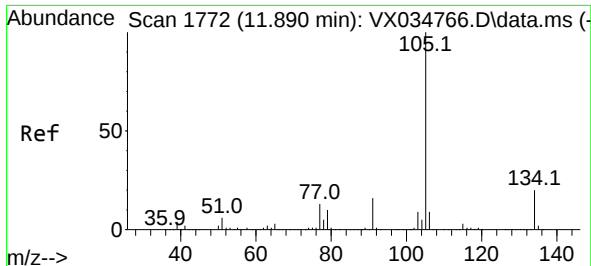
Tgt Ion:105 Resp: 688307

Ion Ratio Lower Upper

105 100

120 44.4 0.0 93.4





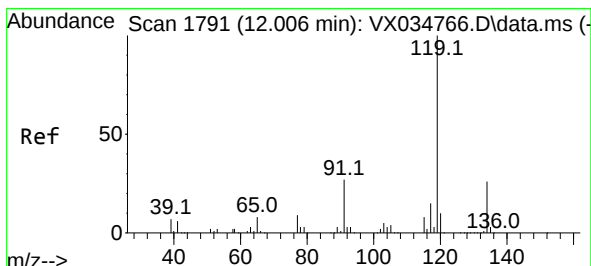
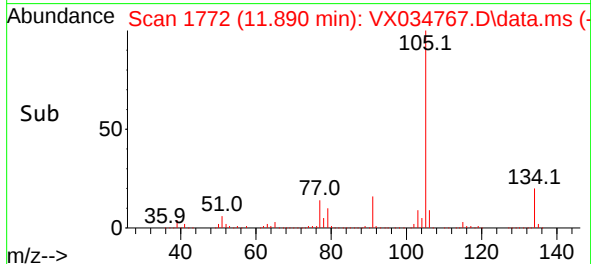
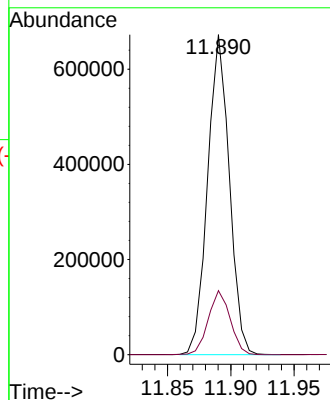
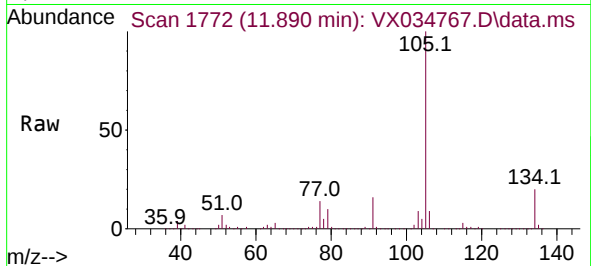
#81
 sec-Butylbenzene
 Concen: 54.851 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034767.D
 Acq: 27 Mar 2023 23:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tgt Ion:105 Resp: 801000
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 43.8

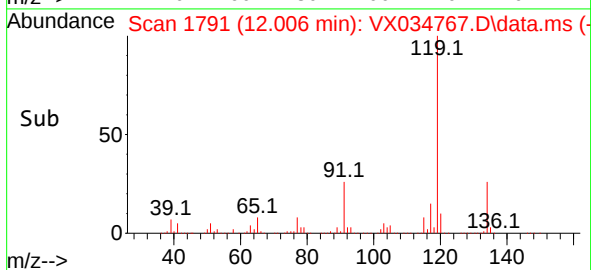
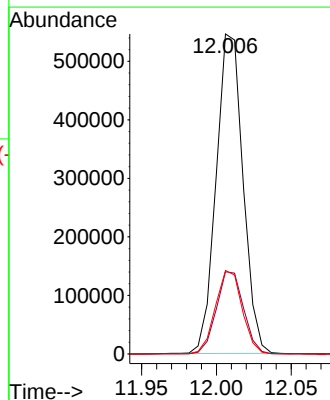
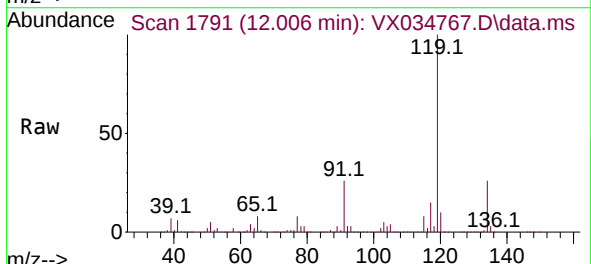
Manual Integrations
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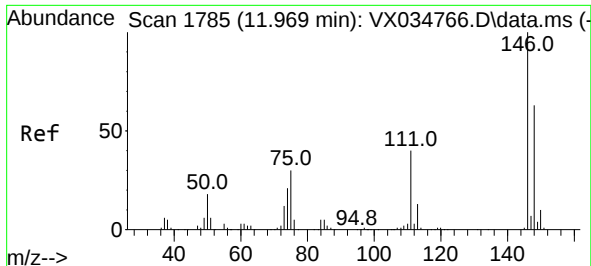
Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Semsettin Yesilyurt 03/29/2023



#82
 p-Isopropyltoluene
 Concen: 54.349 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034767.D
 Acq: 27 Mar 2023 23:20

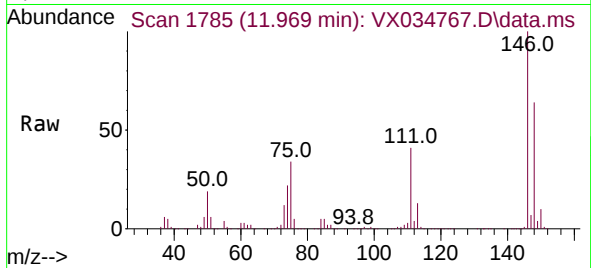
Tgt Ion:119 Resp: 681686
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 54.2
 91 25.9 0.0 41.8





#83
1,3-Dichlorobenzene
Concen: 53.141 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

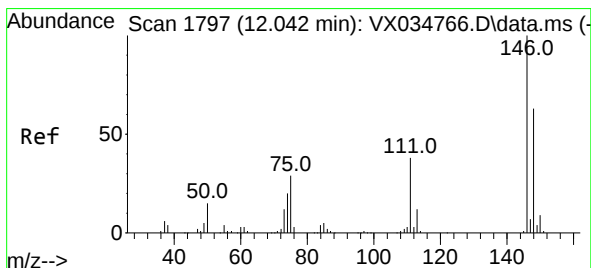
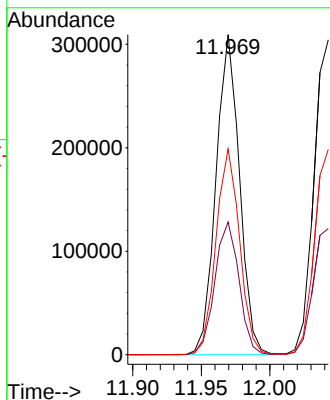
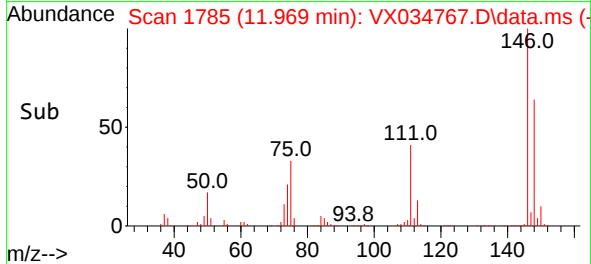
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050



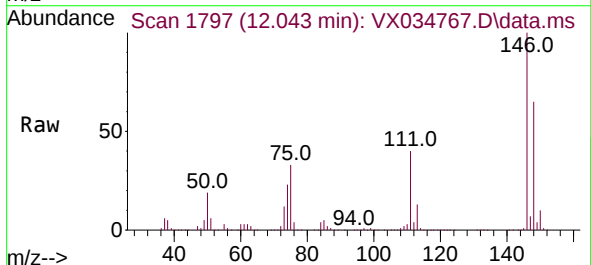
Tgt Ion:146 Resp: 369149
Ion Ratio Lower Upper
146 100
111 42.4 18.4 55.2
148 64.6 32.1 96.5

Manual Integrations
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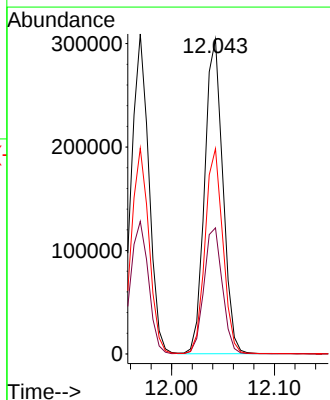
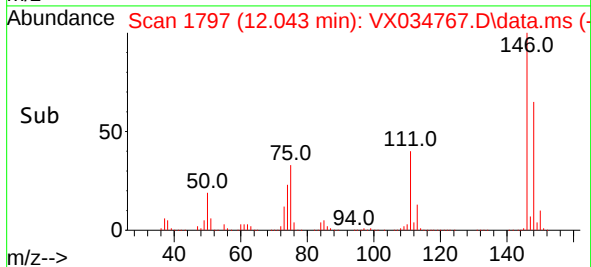
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023

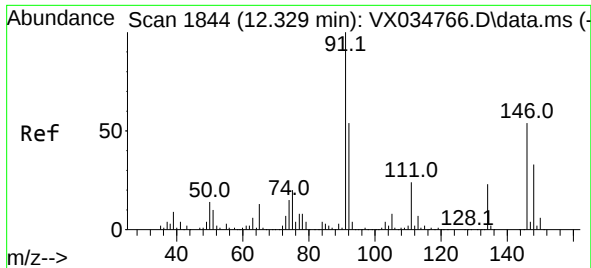


#84
1,4-Dichlorobenzene
Concen: 53.781 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20



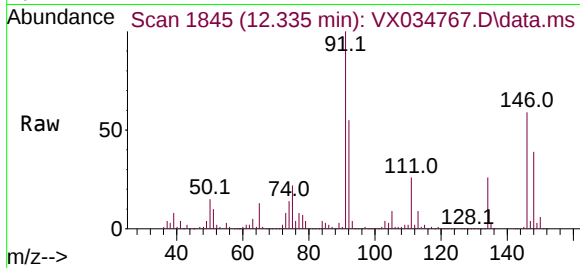
Tgt Ion:146 Resp: 374379
Ion Ratio Lower Upper
146 100
111 40.4 17.8 53.4
148 63.3 32.1 96.5





#85
n-Butylbenzene
Concen: 57.277 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

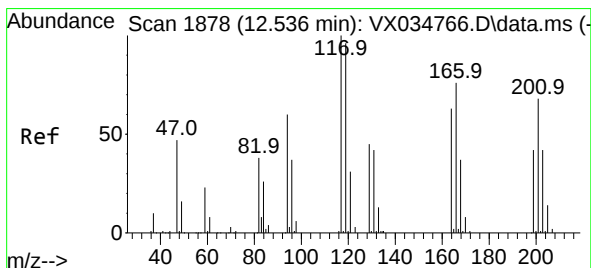
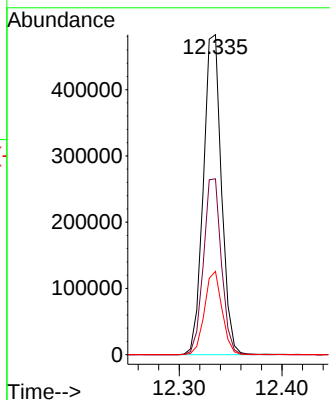
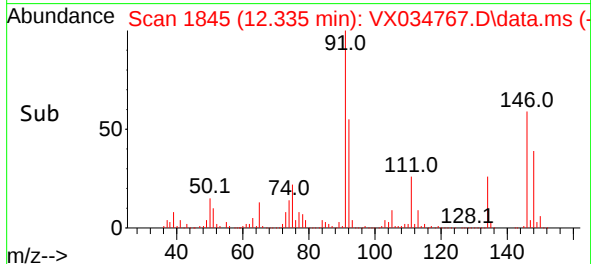
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050



Tgt Ion: 91 Resp: 591152
Ion Ratio Lower Upper
91 100
92 54.8 0.0 109.0
134 25.3 0.0 57.8

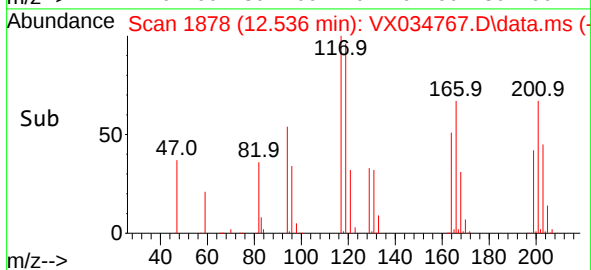
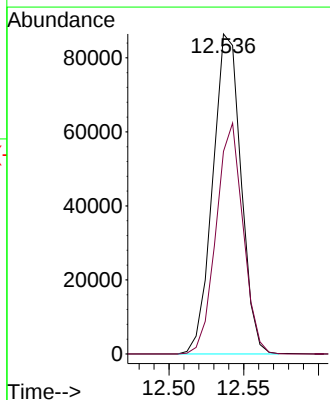
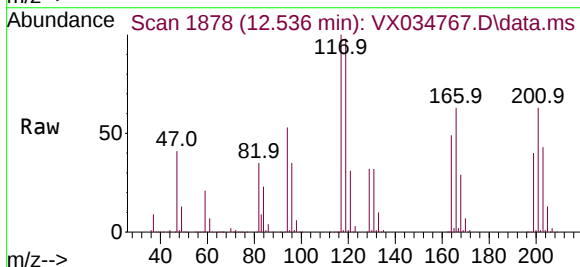
Manual Integrations
APPROVED

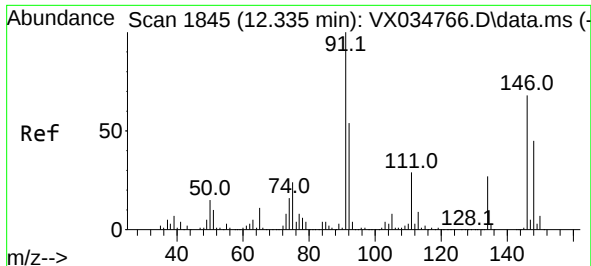
Reviewed By :Krupa Patel 03/29/2023
Supervised By :Semsettin Yesilyurt 03/29/2023



#86
Hexachloroethane
Concen: 57.398 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034767.D
Acq: 27 Mar 2023 23:20

Tgt Ion:117 Resp: 113624
Ion Ratio Lower Upper
117 100
201 68.7 46.3 138.8





#87

1,2-Dichlorobenzene

Concen: 53.439 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

Tgt Ion:146 Resp: 35879

Ion Ratio Lower Upper

146 100

111 44.2 18.8 56.4

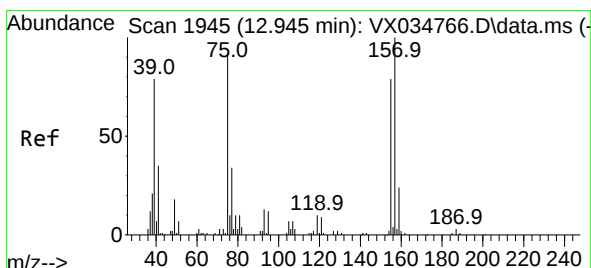
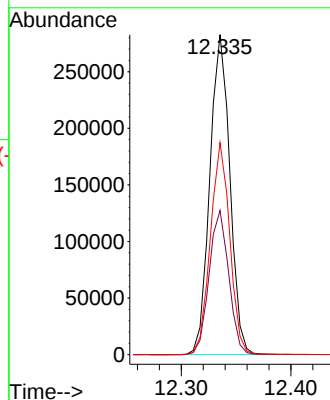
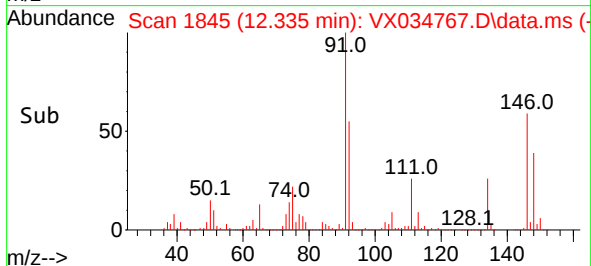
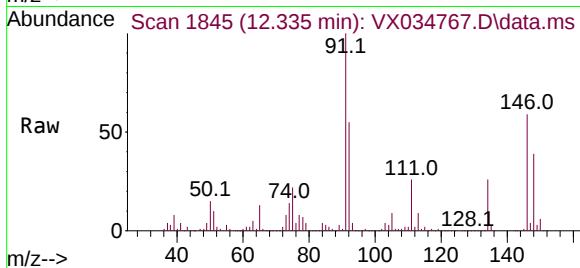
148 64.1 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 68.026 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

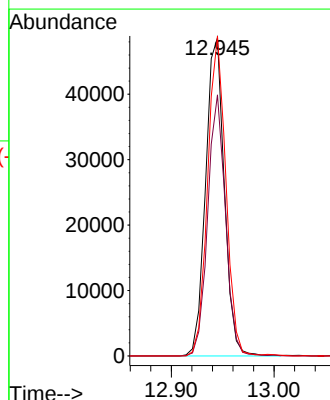
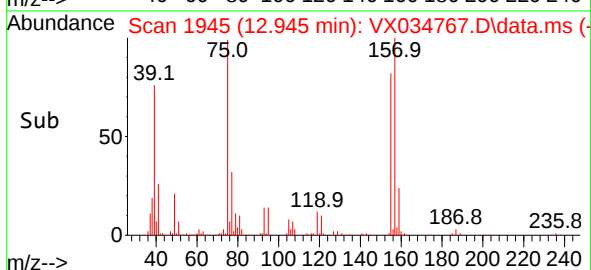
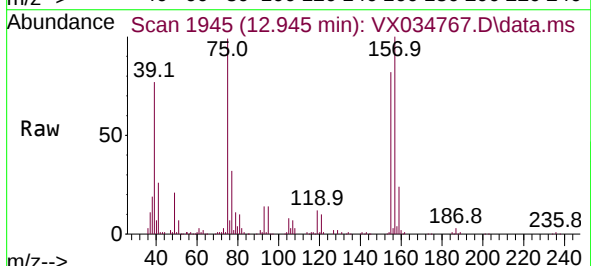
Tgt Ion: 75 Resp: 61613

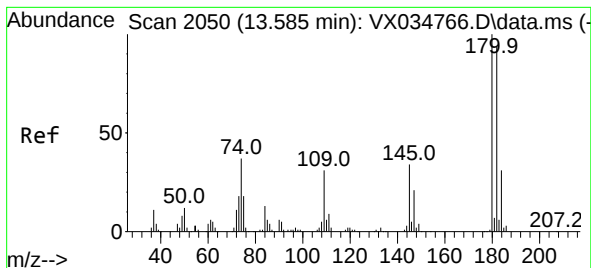
Ion Ratio Lower Upper

75 100

155 77.6 82.6 124.0#

157 97.3 104.9 157.3#





#89

1,2,4-Trichlorobenzene

Concen: 48.309 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

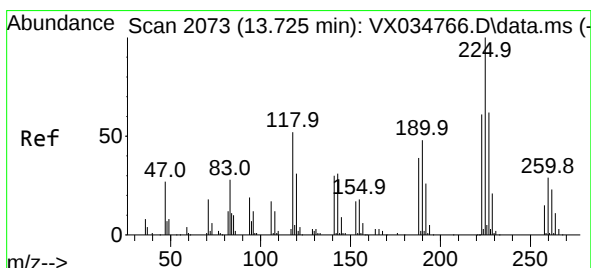
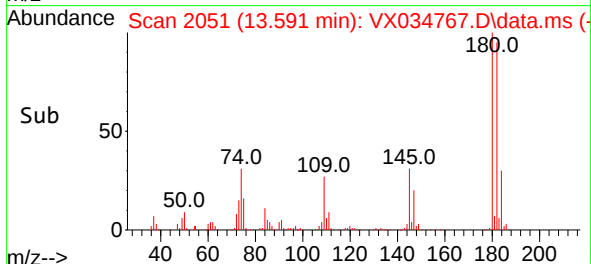
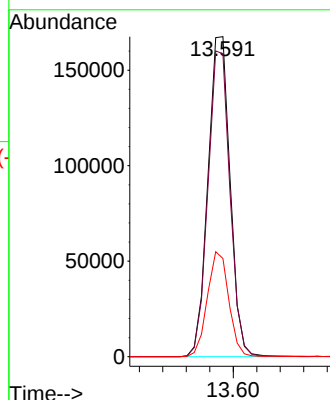
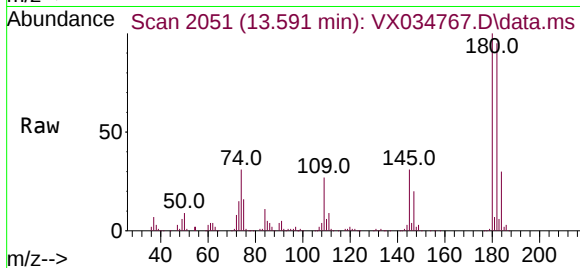
Tgt Ion:180 Resp: 21923
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.4 114.6
 145 31.8 22.9 34.3

Manual Integrations

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Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#90

Hexachlorobutadiene

Concen: 40.607 ug/l

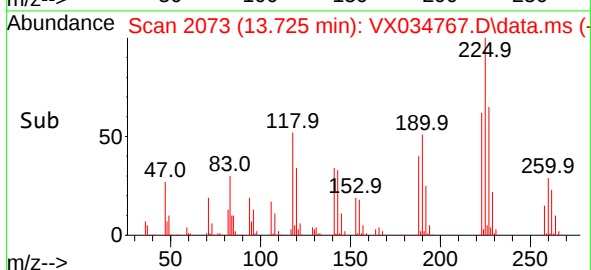
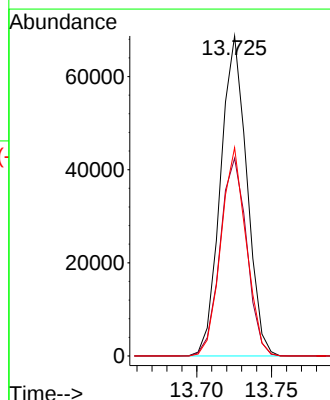
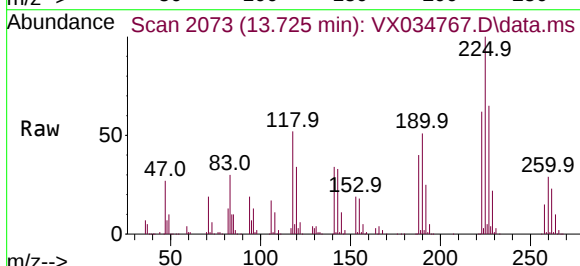
RT: 13.725 min Scan# 2073

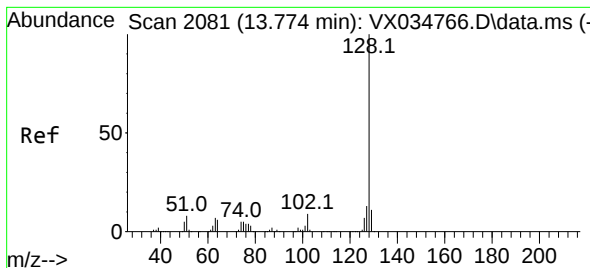
Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

Tgt Ion:225 Resp: 83951
 Ion Ratio Lower Upper
 225 100
 223 62.6 0.0 127.6
 227 62.6 0.0 131.2





#91

Naphthalene

Concen: 55.512 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC050

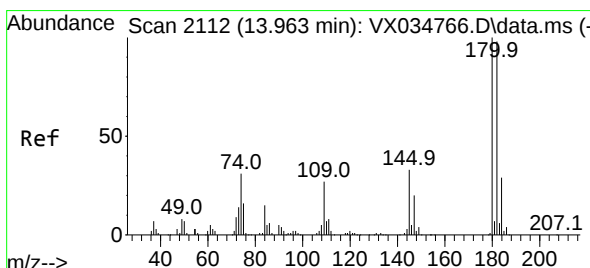
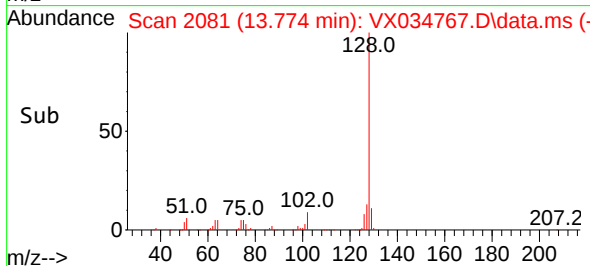
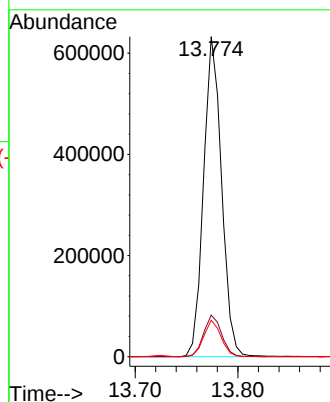
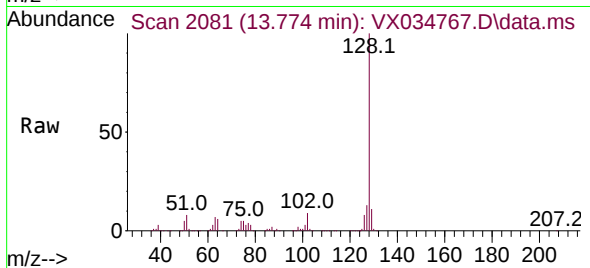
Tgt Ion:	128	Resp:	770689
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.1	15.1
129	11.0	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#92

1,2,3-Trichlorobenzene

Concen: 48.663 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034767.D

Acq: 27 Mar 2023 23:20

Tgt Ion:	180	Resp:	217794
Ion Ratio	Lower	Upper	
180	100		
182	94.8	0.0	192.6
145	34.3	0.0	60.4

