

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071423\
 Data File : VX036546.D
 Acq On : 13 Jul 2023 23:48
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/14/2023
 Supervised By : Semsettin Yesilyurt 07/14/2023

Quant Time: Jul 14 04:40:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	31041	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	160231	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	147719	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	73640	28.584	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.267%		
60) 4-Bromofluorobenzene	11.079	95	73731	30.771	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	102.567%		
63) Toluene-d8	8.647	98	205379	30.214	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27297	15.739	ug/l	100
3) Chloromethane	1.294	50	39272	16.551	ug/l	94
4) Vinyl Chloride	1.373	62	39155	16.003	ug/l	96
5) Bromomethane	1.611	94	39200	15.644	ug/l	97
6) Chloroethane	1.684	64	28410	17.059	ug/l	97
7) Trichlorofluoromethane	1.886	101	63678	16.042	ug/l	98
8) Diethyl Ether	2.136	74	30122	18.263	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	27788	15.462	ug/l	97
10) 1,1-Dichloroethene	2.318	96	29631	16.312	ug/l	96
11) Methyl Iodide	2.453	142	41908	20.246	ug/l	96
12) Methyl Acetate	2.703	43	78840	18.465	ug/l	99
13) Acrolein	2.239	56	23463	66.985	ug/l	95
14) Acrylonitrile	3.068	53	109292	91.318	ug/l	96
15) Acetone	2.385	58	30278	89.358	ug/l	90
16) Carbon Disulfide	2.514	76	71888	16.312	ug/l	98
17) Allyl chloride	2.666	41	55142	17.112	ug/l	98
18) Methylene Chloride	2.794	84	40003	18.289	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	34317	17.284	ug/l	99
20) Diisopropyl ether	3.757	45	124166	18.906	ug/l #	82
21) 1,1-Dichloroethane	3.611	63	68816	17.972	ug/l	99
22) cis-1,2-Dichloroethene	4.495	96	42998	17.994	ug/l	98
23) tert-Butyl Alcohol	2.965	59	44823	80.649	ug/l #	1
24) Methyl tert-Butyl Ether	3.117	73	124374	18.828	ug/l	100
25) Chloroform	5.092	83	72561	18.330	ug/l	95
26) Cyclohexane	5.470	56	45608	15.526	ug/l #	98
29) 1,1-Dichloropropene	5.702	75	45718	18.921	ug/l	98
30) 2-Butanone	4.562	43	152816	100.446	ug/l	99
31) 2,2-Dichloropropane	4.483	77	37395	14.113	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	54024	18.816	ug/l	99
33) Carbon Tetrachloride	5.684	117	43764	17.867	ug/l	97
34) Benzene	6.043	78	150279	20.178	ug/l	97
35) Methacrylonitrile	4.922	41	33010	20.913	ug/l	98
36) 1,2-Dichloroethane	6.092	62	60229	21.061	ug/l	99
37) Trichloroethene	7.122	130	38559	19.671	ug/l	89
38) Methylcyclohexane	7.385	83	45324	16.124	ug/l	99
39) 1,2-Dichloropropane	7.427	63	41111	20.363	ug/l	96
40) Dibromomethane	7.580	93	30160	20.625	ug/l	97
41) Bromodichloromethane	7.824	83	53199	20.045	ug/l	98
42) Vinyl Acetate	3.721	43	480593	104.584	ug/l	100

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 QLast Update : Fri Jul 14 04:32:22 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.720	43	62511	21.109	ug/l	96
44) Isopropyl Acetate	6.342	43	98093	20.770	ug/l	98
45) 1,4-Dioxane	7.677	88	19731	368.064	ug/l #	1
46) Methyl methacrylate	7.696	41	45961	20.362	ug/l	95
47) n-amyl Acetate	10.841	43	80922	20.201	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	53464	18.367	ug/l	96
49) cis-1,3-Dichloropropene	8.366	75	60821	19.343	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	42920	21.621	ug/l	97
51) Ethyl methacrylate	9.116	69	65164	20.909	ug/l	98
52) 1,3-Dichloropropane	9.311	76	71110	21.226	ug/l	99
53) Dibromochloromethane	9.524	129	39714	19.821	ug/l	99
54) 1,2-Dibromoethane	9.610	107	44350	21.268	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	175046	104.435	ug/l	99
56) Bromoform	10.799	173	26611	19.090	ug/l	99
58) 4-Methyl-2-Pentanone	8.573	43	312720	102.376	ug/l	100
59) 2-Hexanone	9.433	43	234712	101.001	ug/l	98
61) Tetrachloroethene	9.274	164	32778	18.526	ug/l	96
62) Toluene	8.720	91	165639	19.985	ug/l	98
64) Chlorobenzene	10.079	112	102592	19.882	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	36987	19.848	ug/l	99
66) Ethyl Benzene	10.195	91	173600	19.272	ug/l	99
67) m/p-Xylenes	10.305	106	133306	37.961	ug/l	98
68) o-Xylene	10.640	106	68845	19.754	ug/l	100
69) Styrene	10.658	104	111521	19.736	ug/l	99
70) Isopropylbenzene	10.963	105	162555	18.727	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.213	83	65336	20.622	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	59244m	20.179	ug/l	
73) Bromobenzene	11.195	156	42436	19.777	ug/l	100
74) n-propylbenzene	11.305	91	187136	18.317	ug/l	99
75) 2-Chlorotoluene	11.366	91	121139	19.498	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	140672	18.859	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	15184	15.750	ug/l	92
78) 4-Chlorotoluene	11.457	91	135684	19.181	ug/l	100
79) tert-butylbenzene	11.713	119	127762	18.046	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	140736	19.042	ug/l	99
81) sec-Butylbenzene	11.890	105	158699	17.809	ug/l	99
82) p-Isopropyltoluene	12.012	119	132993	17.938	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	75439	18.901	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	75526	18.990	ug/l	99
85) n-Butylbenzene	12.335	91	111504	16.522	ug/l	99
86) Hexachloroethane	12.536	117	20097	16.373	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	78479	19.603	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.938	75	12742	17.886	ug/l	94
89) 1,2,4-Trichlorobenzene	13.585	180	46127	18.272	ug/l	99
90) Hexachlorobutadiene	13.725	225	15146	16.518	ug/l	98
91) Naphthalene	13.774	128	173790	19.619	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	47503	18.642	ug/l	99

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

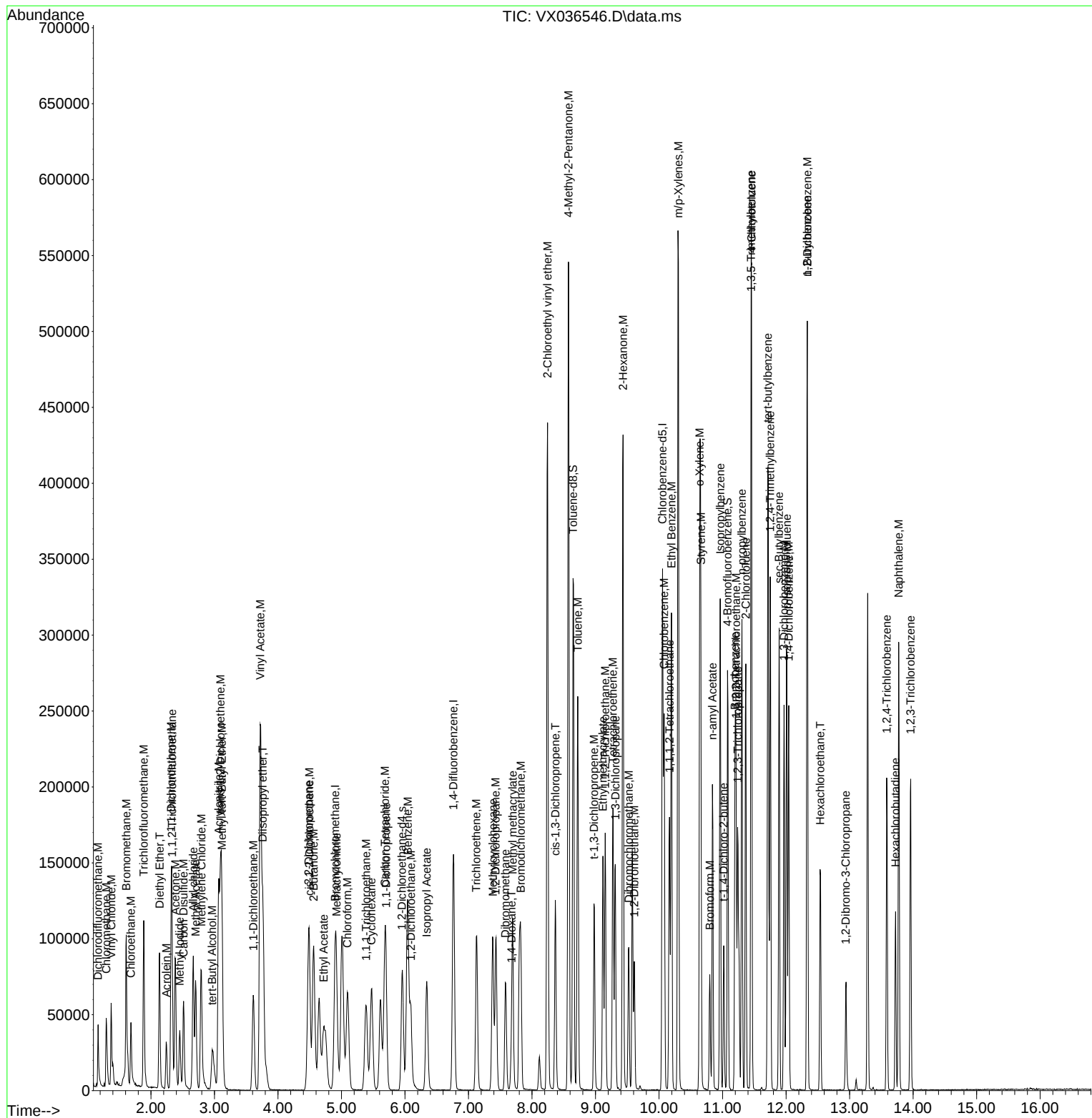
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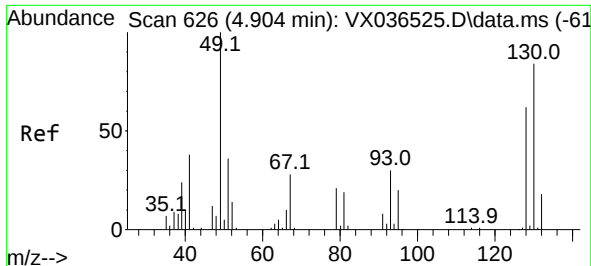
Instrument :
MSVOA_X
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Manual Integrations
APPROVED

Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

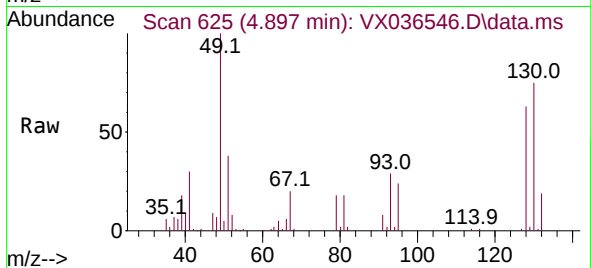
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 14 04:32:22 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

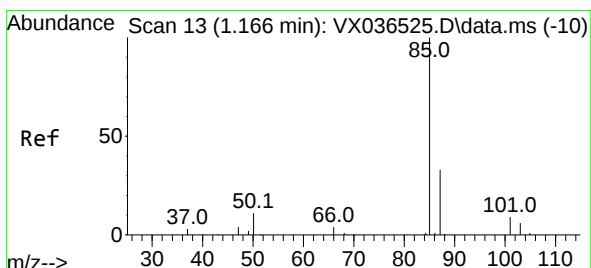
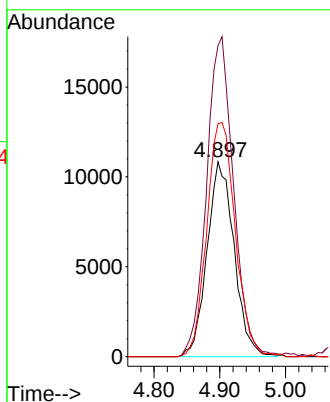
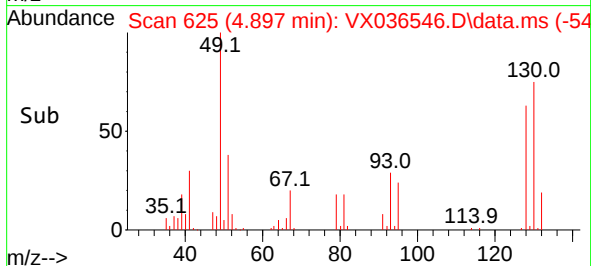
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 3104
Ion Ratio Lower Upper
128 100
49 163.6 0.0 406.3
130 127.2 0.0 328.0

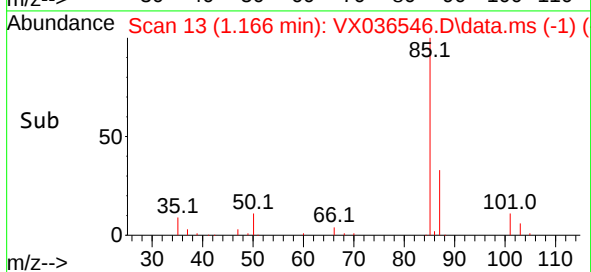
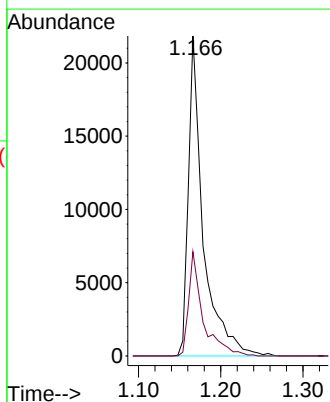
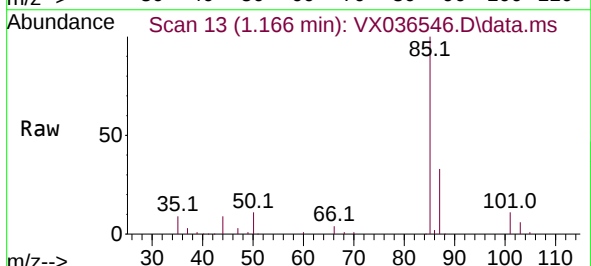
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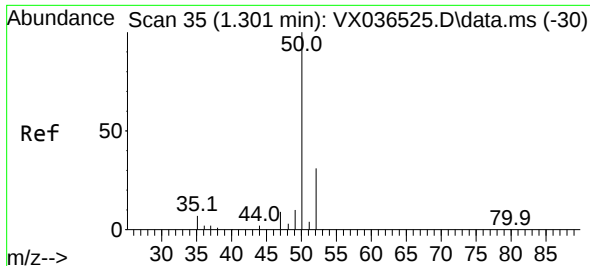
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#2
Dichlorodifluoromethane
Concen: 15.739 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

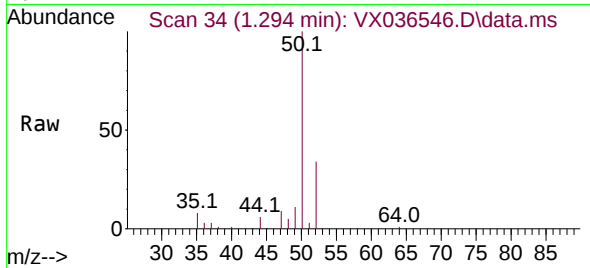
Tgt Ion: 85 Resp: 27297
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.4





#3
Chloromethane
Concen: 16.551 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

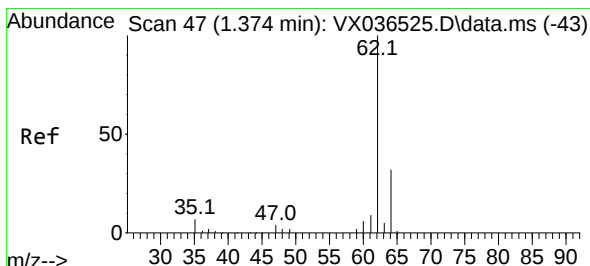
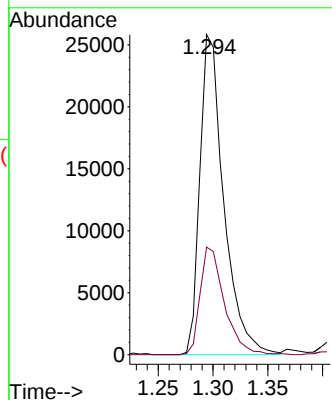
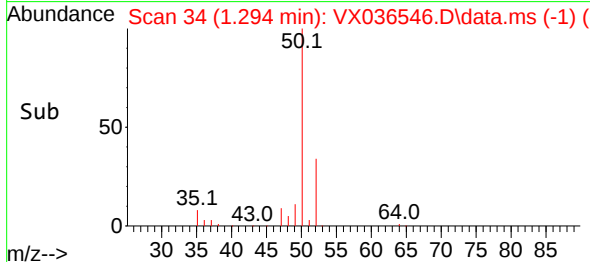
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Tgt Ion: 50 Resp: 3927
Ion Ratio Lower Upper
50 100
52 33.6 24.5 36.7

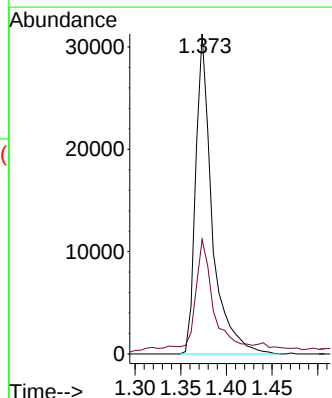
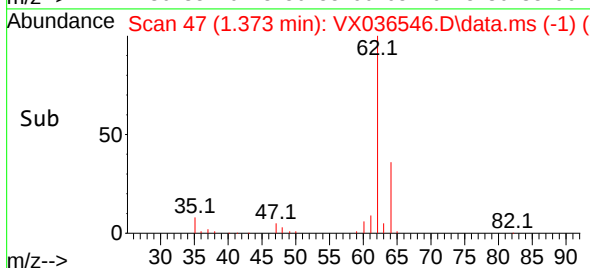
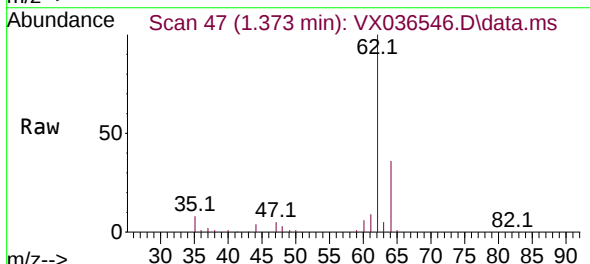
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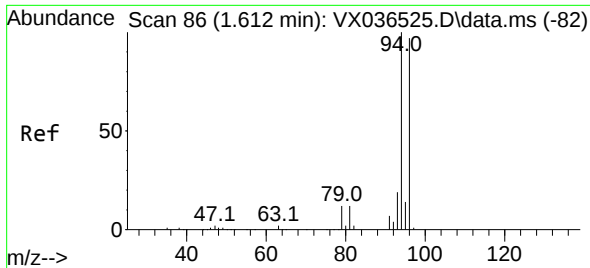
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#4
Vinyl Chloride
Concen: 16.003 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

Tgt Ion: 62 Resp: 39155
Ion Ratio Lower Upper
62 100
64 33.8 25.3 37.9





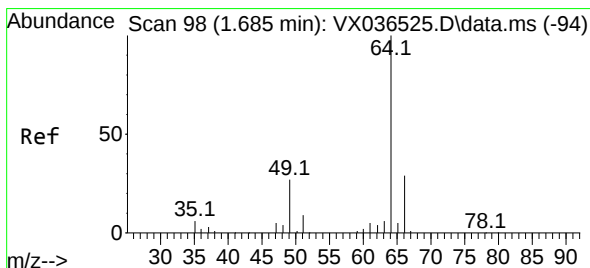
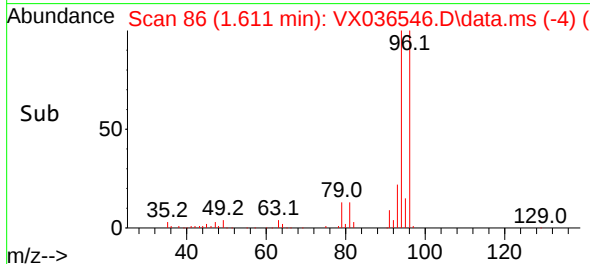
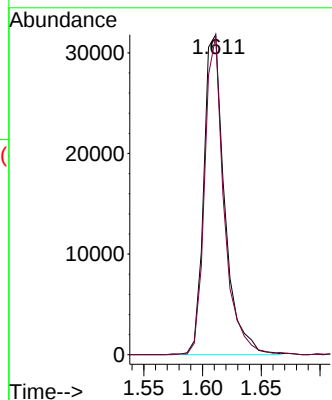
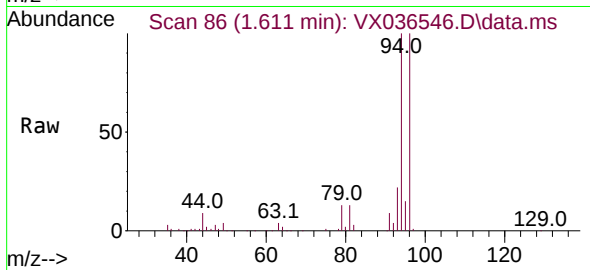
#5
Bromomethane
Concen: 15.644 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 39200
Ion Ratio Lower Upper
94 100
96 99.6 77.4 116.2

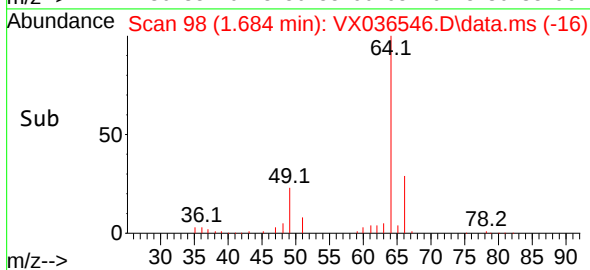
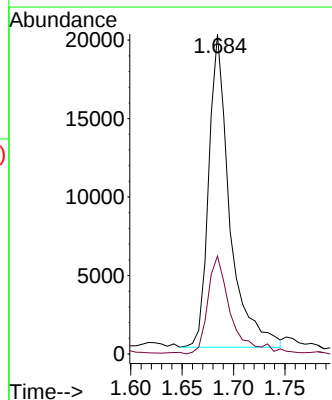
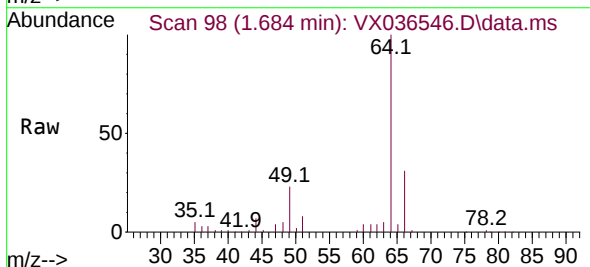
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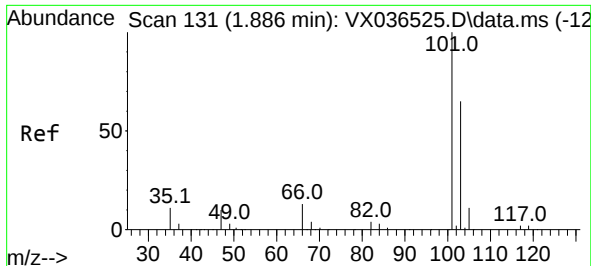
Reviewed By :John Carlone 07/14/2023
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#6
Chloroethane
Concen: 17.059 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX036546.D
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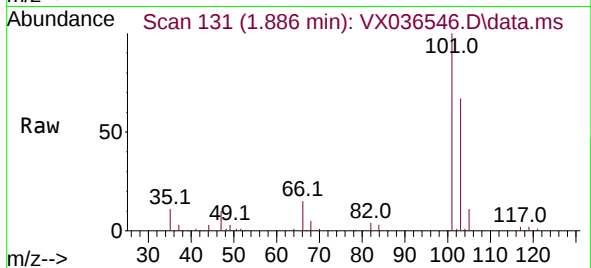
Tgt Ion: 64 Resp: 28410
Ion Ratio Lower Upper
64 100
66 30.7 23.1 34.7





#7
Trichlorofluoromethane
Concen: 16.042 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
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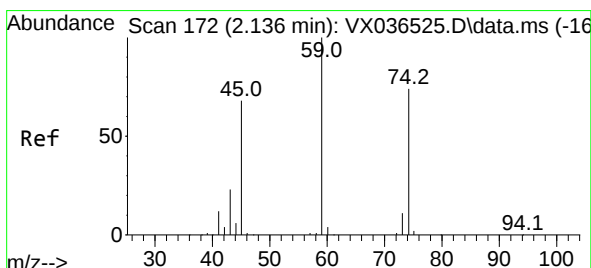
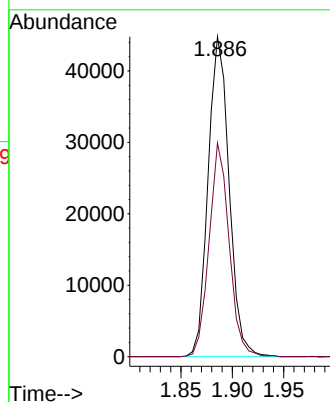
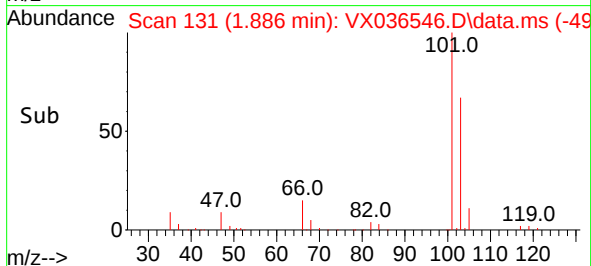
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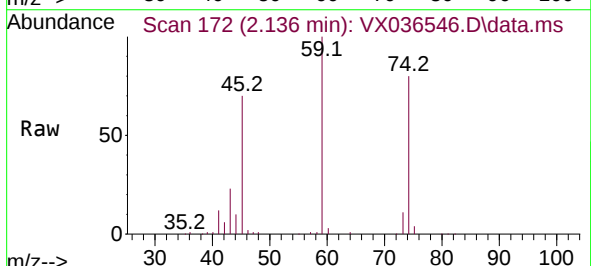
Tgt Ion:101 Resp: 63678
Ion Ratio Lower Upper
101 100
103 66.8 52.2 78.2

Manual Integrations
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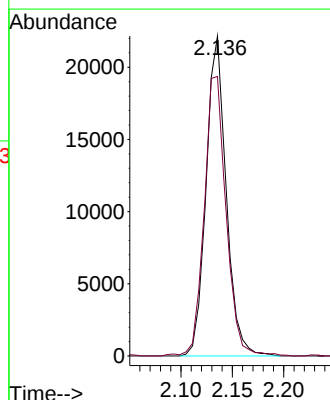
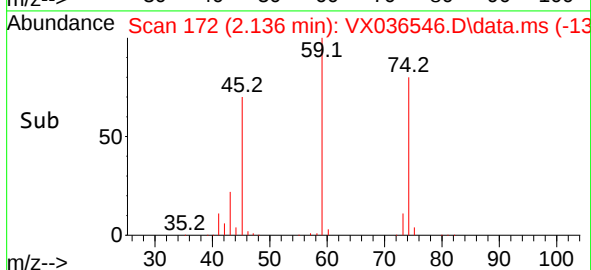
Reviewed By :John Carlone 07/14/2023
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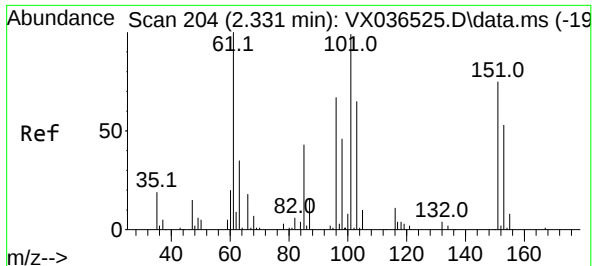


#8
Diethyl Ether
Concen: 18.263 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48



Tgt Ion: 74 Resp: 30122
Ion Ratio Lower Upper
74 100
45 94.9 19.9 178.9





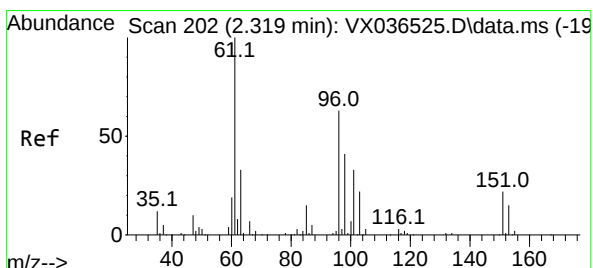
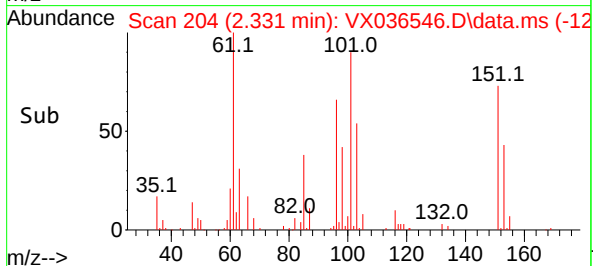
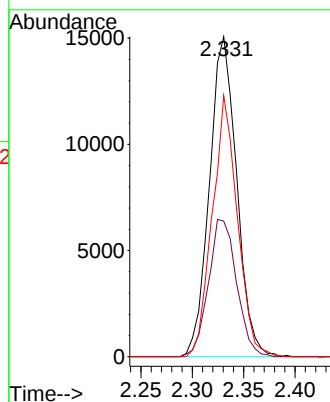
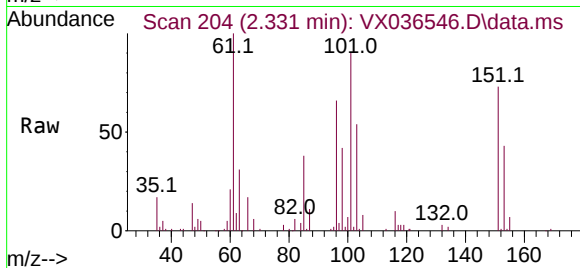
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1,1,2-Trichlorotrifluoroethane
Concen: 15.462 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036546.D
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ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 2778
Ion Ratio Lower Upper
101 100
85 44.2 0.0 91.0
151 75.1 0.0 155.4

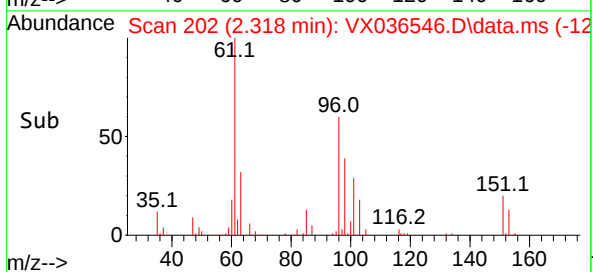
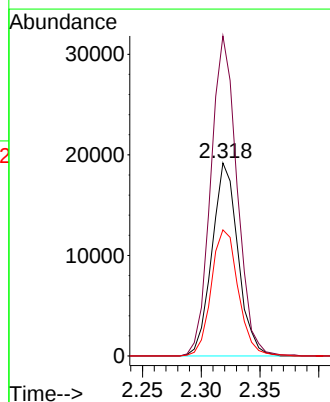
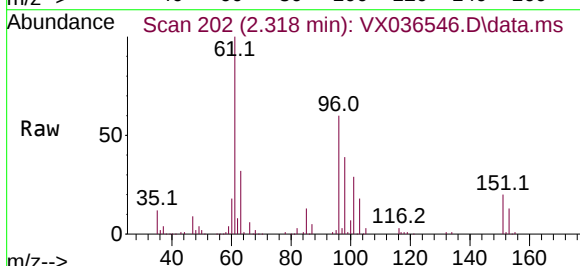
Manual Integrations
APPROVED

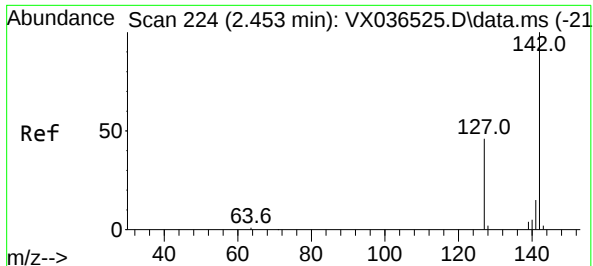
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#10
1,1-Dichloroethene
Concen: 16.312 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

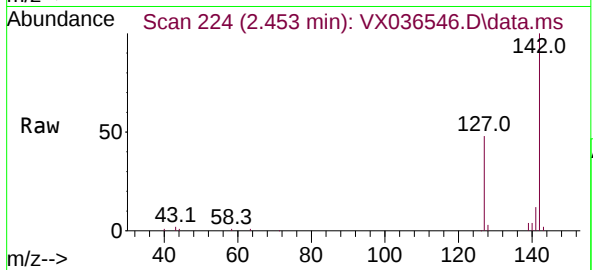
Tgt Ion: 96 Resp: 29631
Ion Ratio Lower Upper
96 100
61 165.8 127.2 190.8
98 65.4 52.7 79.1





#11
Methyl Iodide
Concen: 20.246 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

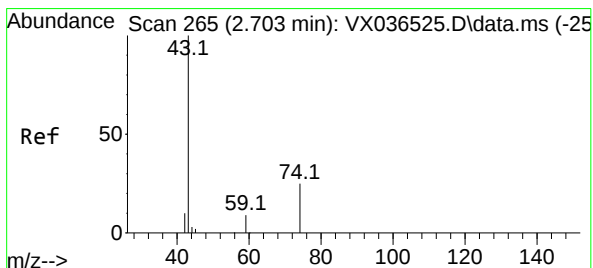
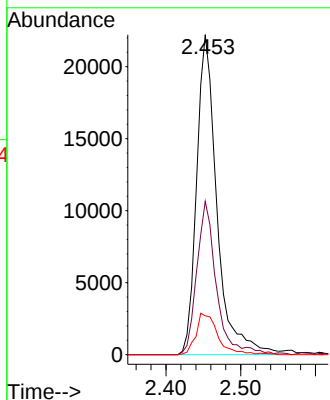
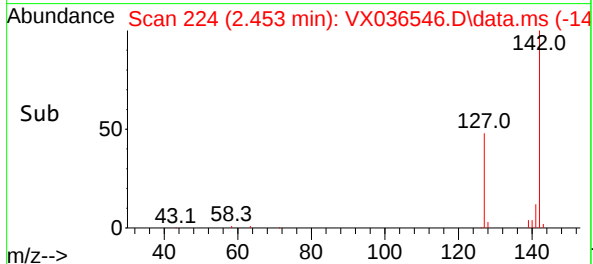
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 41908
Ion Ratio Lower Upper
142 100
127 47.9 22.9 68.8
141 12.2 7.5 22.6

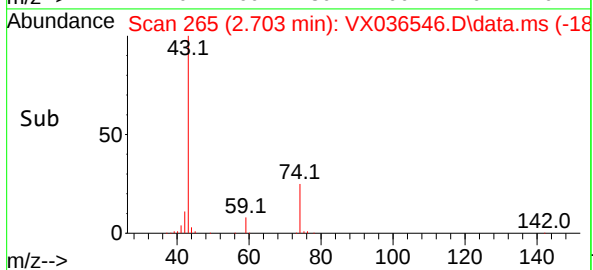
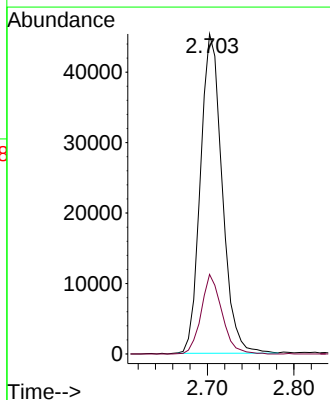
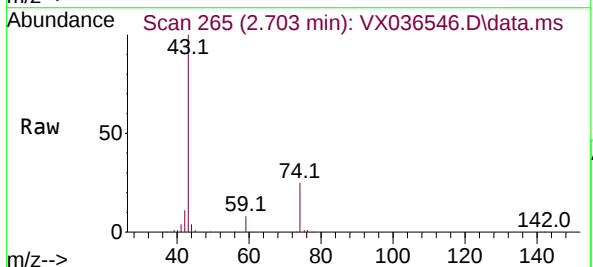
Manual Integrations
APPROVED

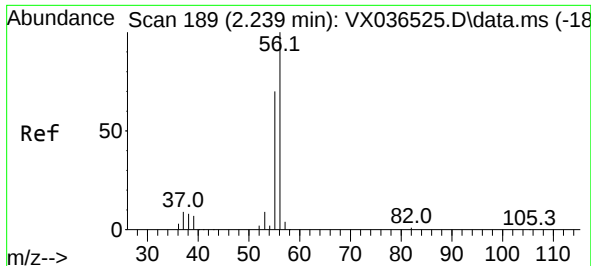
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#12
Methyl Acetate
Concen: 18.465 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

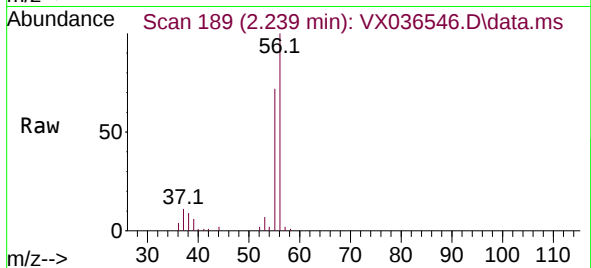
Tgt Ion: 43 Resp: 78840
Ion Ratio Lower Upper
43 100
74 24.9 20.3 30.5





#13
Acrolein
Concen: 66.985 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

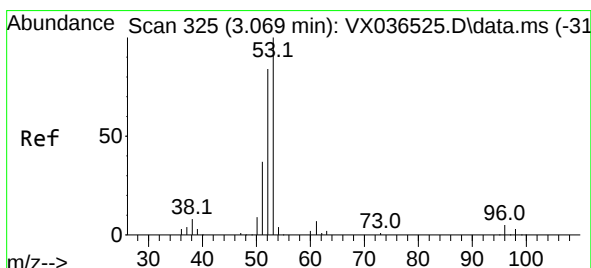
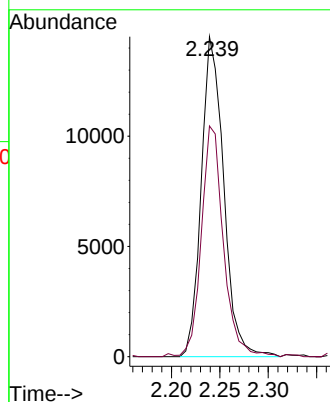
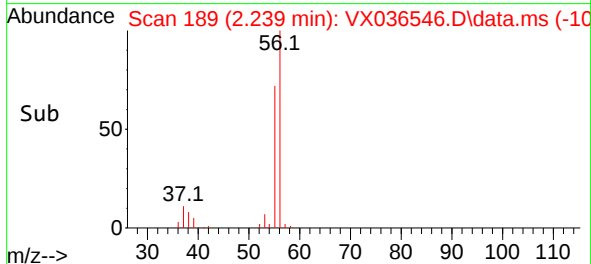
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



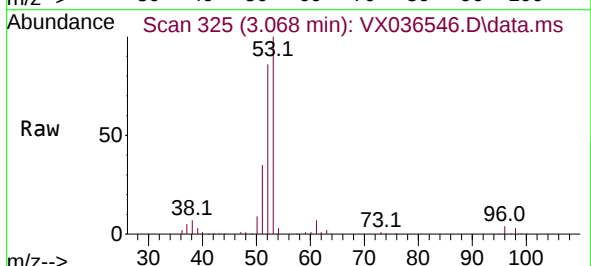
Tgt Ion: 56 Resp: 2346
Ion Ratio Lower Upper
56 100
55 70.1 59.7 89.5

Manual Integrations
APPROVED

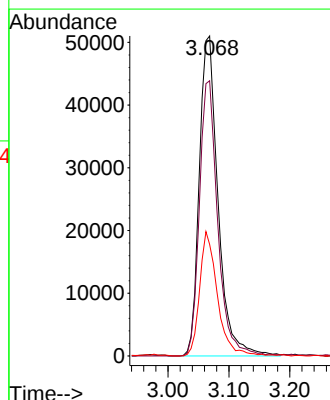
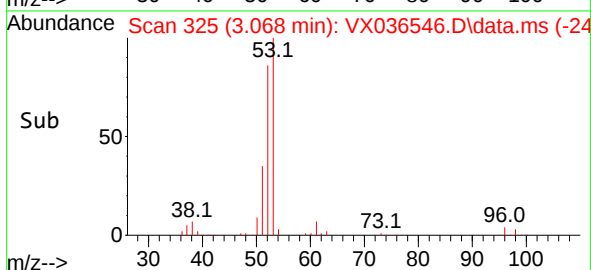
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

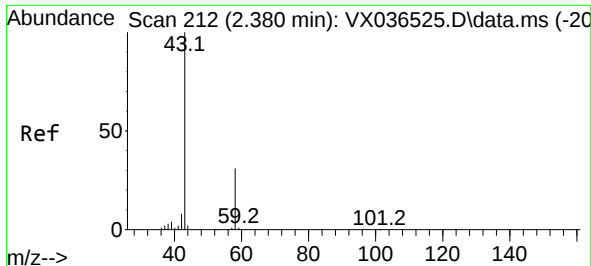


#14
Acrylonitrile
Concen: 91.318 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48



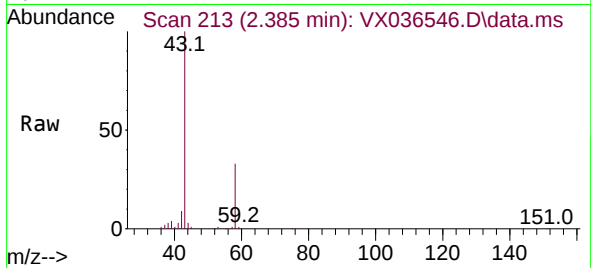
Tgt Ion: 53 Resp: 109292
Ion Ratio Lower Upper
53 100
52 83.8 40.0 119.9
51 35.5 18.2 54.6





#15
Acetone
Concen: 89.358 ug/l
RT: 2.385 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

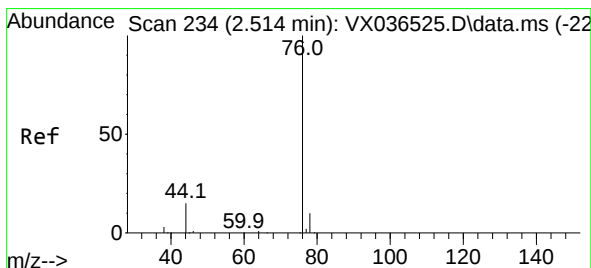
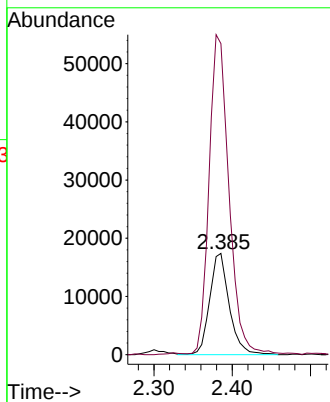
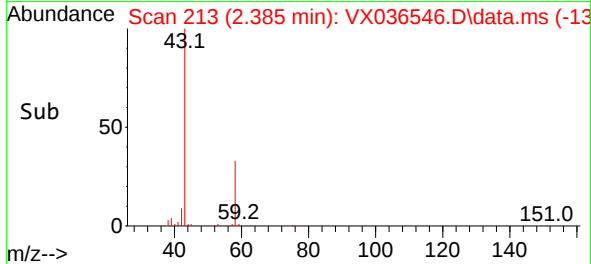
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 30278
Ion Ratio Lower Upper
58 100
43 305.8 261.0 391.4

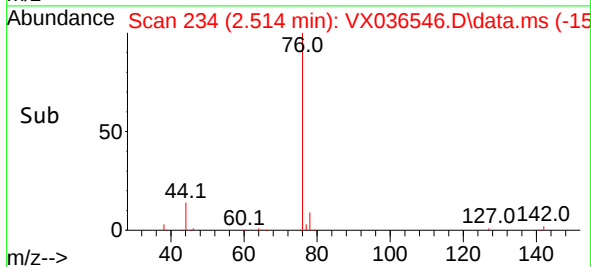
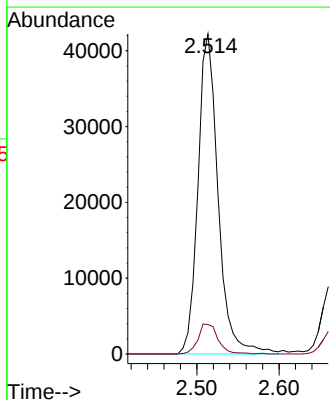
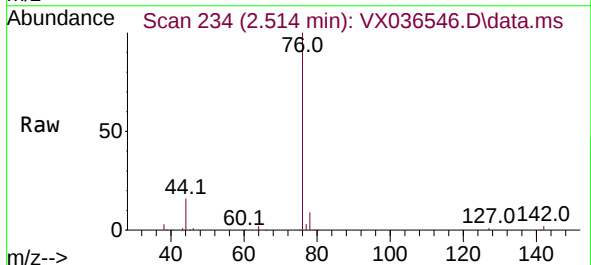
Manual Integrations
APPROVED

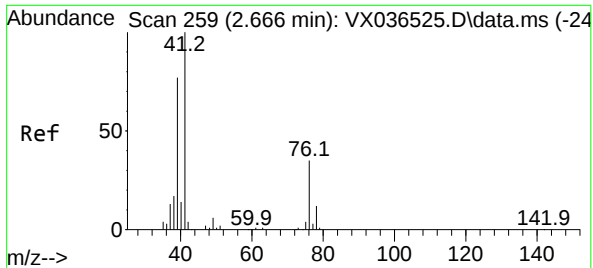
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#16
Carbon Disulfide
Concen: 16.312 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

Tgt Ion: 76 Resp: 71888
Ion Ratio Lower Upper
76 100
78 9.2 8.0 12.0





#17

Allyl chloride

Concen: 17.112 ug/l

RT: 2.666 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX036546.D

Acq: 13 Jul 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 41 Resp: 5514

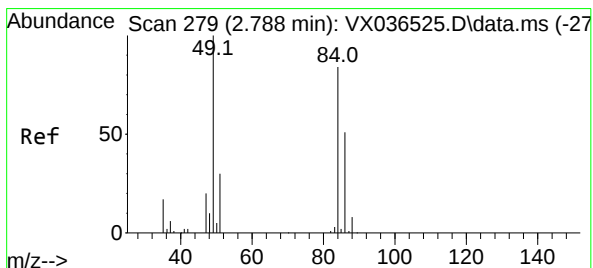
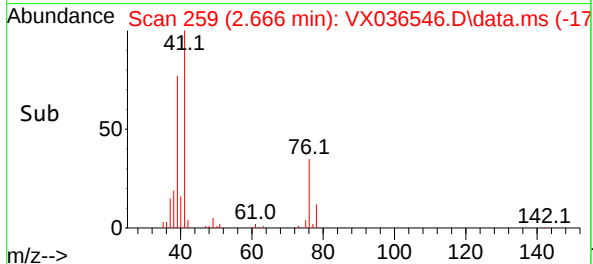
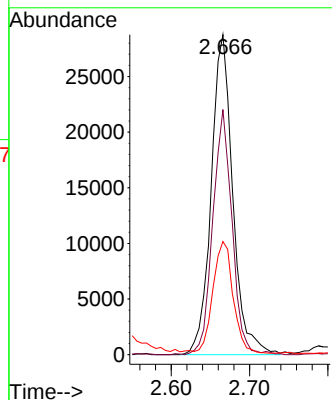
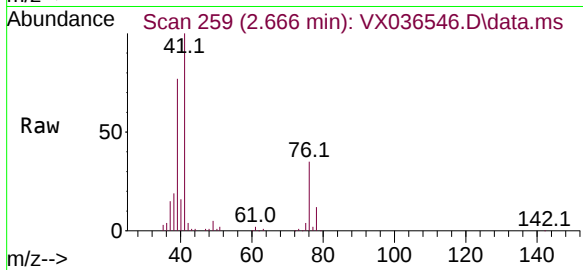
Ion	Ratio	Lower	Upper
41	100		
39	76.4	38.5	115.3
76	34.8	18.6	55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#18

Methylene Chloride

Concen: 18.289 ug/l

RT: 2.794 min Scan# 280

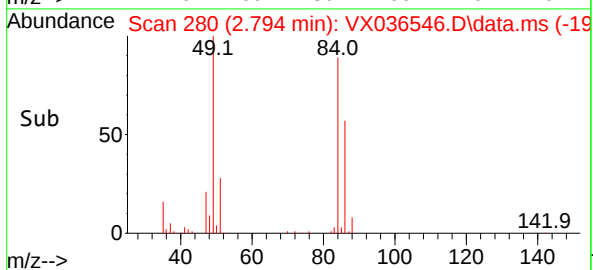
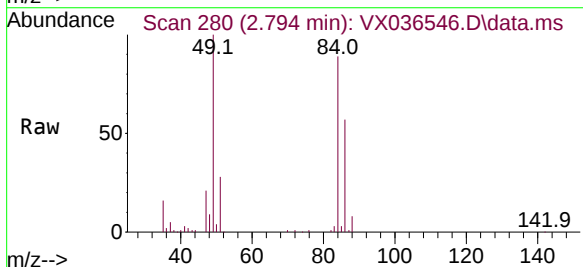
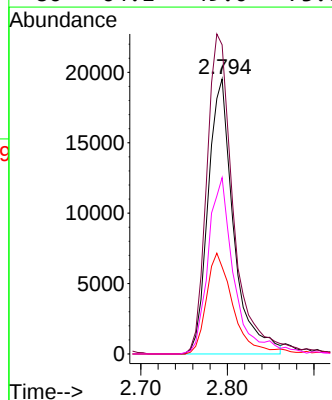
Delta R.T. 0.006 min

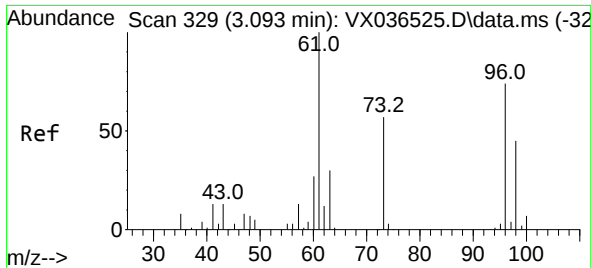
Lab File: VX036546.D

Acq: 13 Jul 2023 23:48

Tgt Ion: 84 Resp: 40003

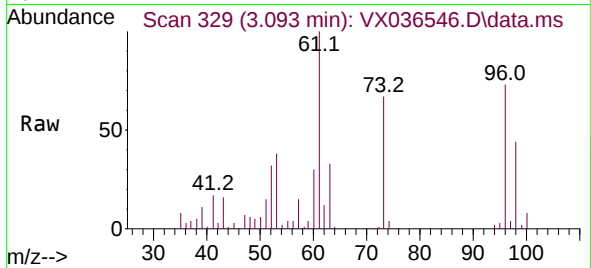
Ion	Ratio	Lower	Upper
84	100		
49	112.4	95.4	143.0
51	31.6	28.3	42.5
86	64.1	49.0	73.6





#19
trans-1,2-Dichloroethene
Concen: 17.284 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

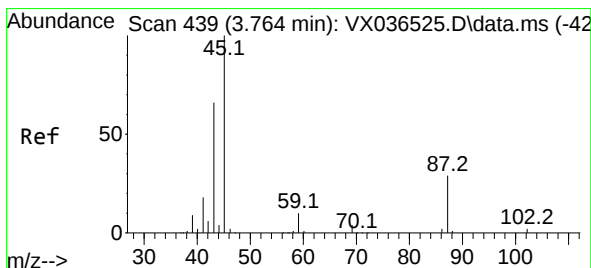
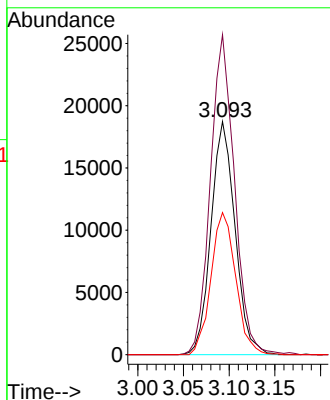
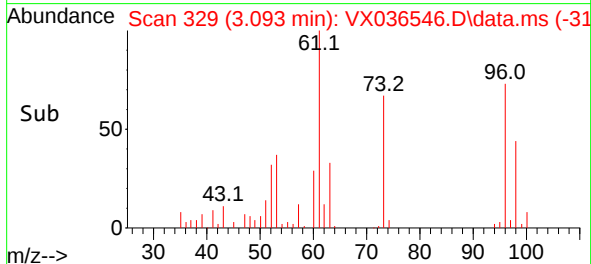
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



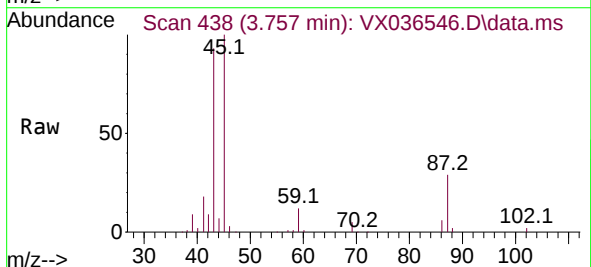
Tgt Ion: 96 Resp: 3431
Ion Ratio Lower Upper
96 100
61 137.3 108.7 163.1
98 61.0 49.1 73.7

Manual Integrations
APPROVED

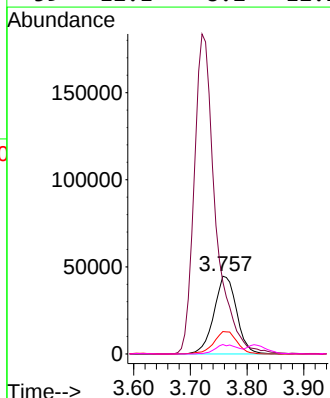
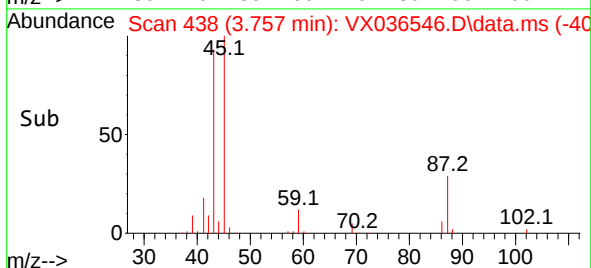
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

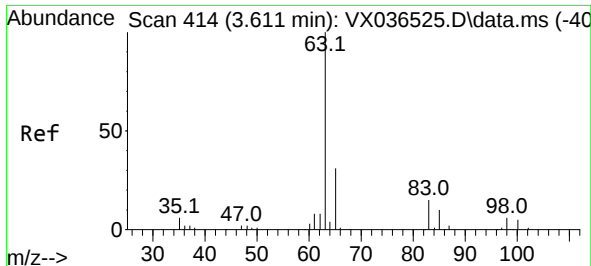


#20
Diisopropyl ether
Concen: 18.906 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48



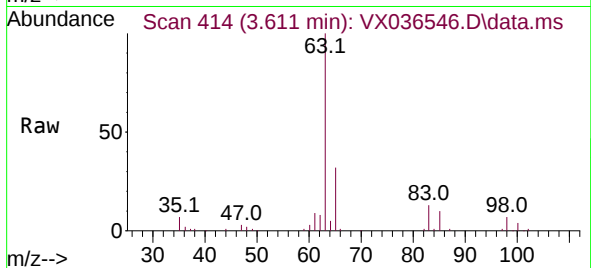
Tgt Ion: 45 Resp: 124166
Ion Ratio Lower Upper
45 100
43 91.4 55.8 83.6#
87 28.8 23.0 34.4
59 12.1 8.2 12.2





#21
1,1-Dichloroethane
Concen: 17.972 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

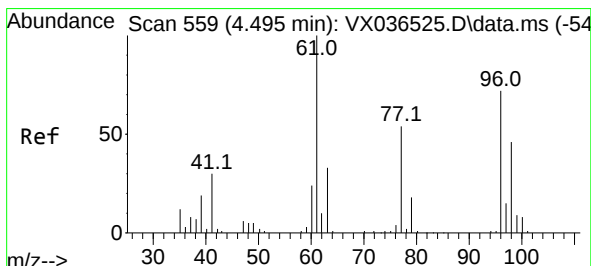
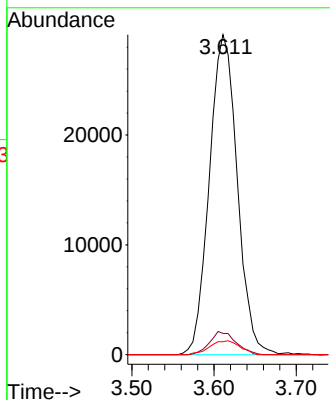
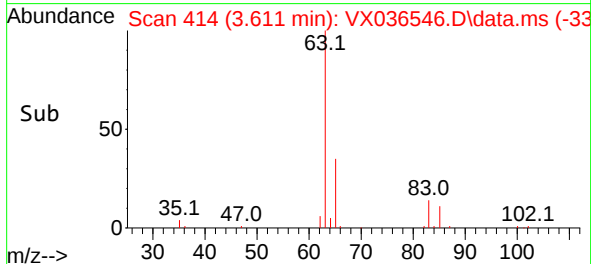
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 68810
Ion Ratio Lower Upper
63 100
98 6.7 3.2 9.6
100 4.1 2.3 6.8

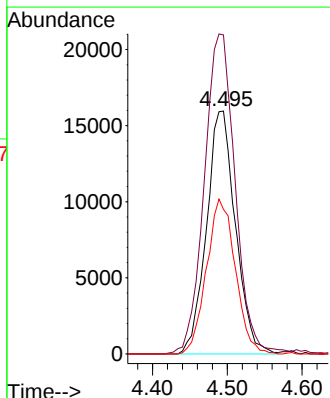
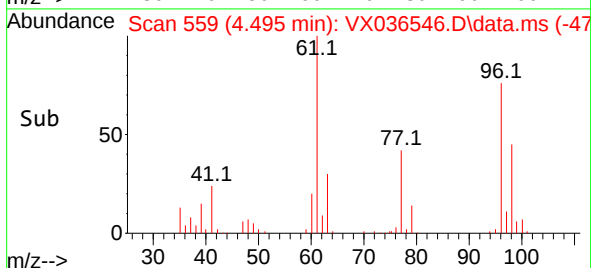
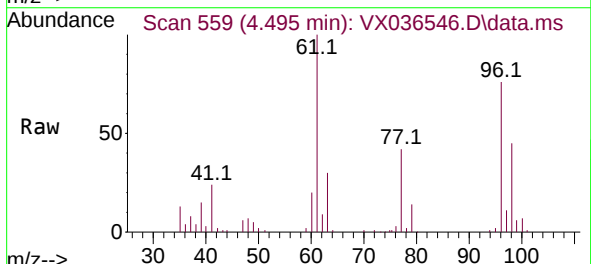
Manual Integrations
APPROVED

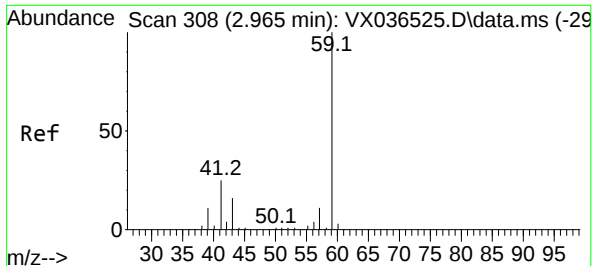
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#22
cis-1,2-Dichloroethene
Concen: 17.994 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

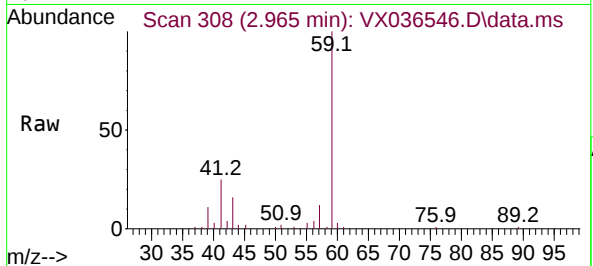
Tgt Ion: 96 Resp: 42998
Ion Ratio Lower Upper
96 100
61 140.2 114.0 171.0
98 63.4 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 80.649 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

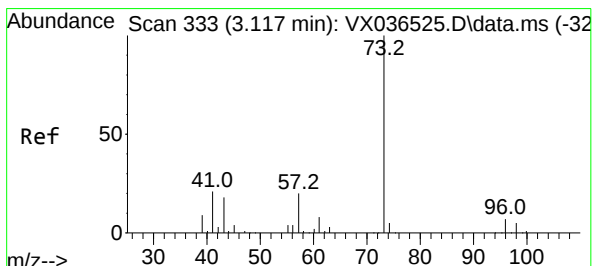
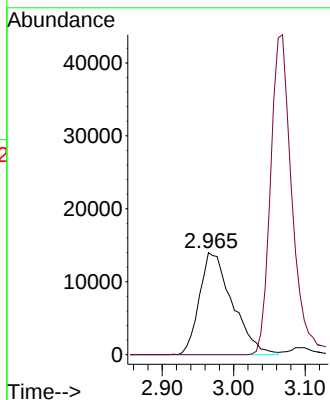
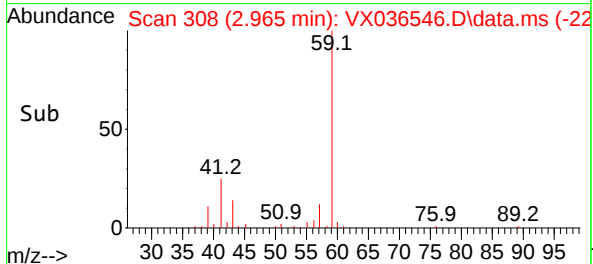
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 4482
Ion Ratio Lower Upper
59 100
52 0.0 142.6 213.8

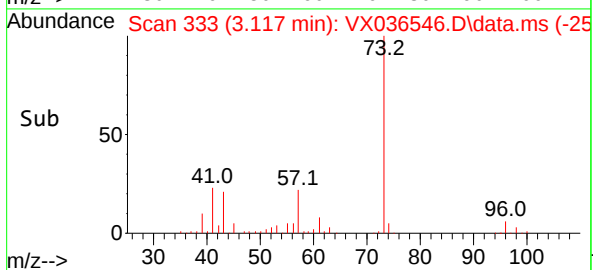
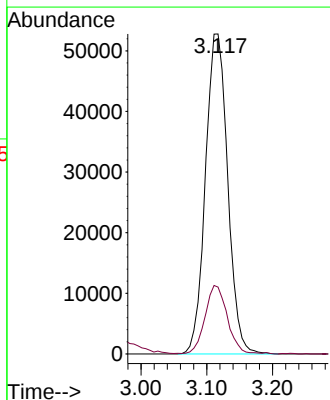
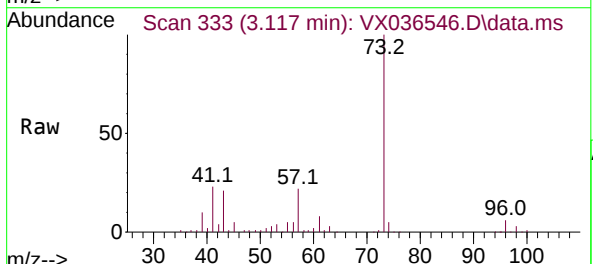
Manual Integrations
APPROVED

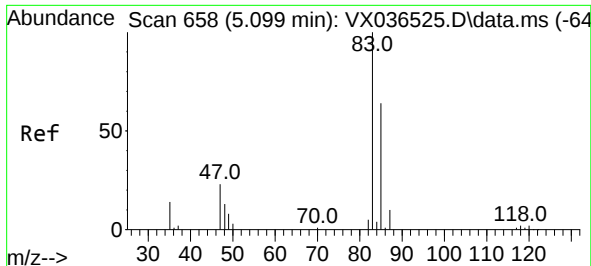
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#24
Methyl tert-Butyl Ether
Concen: 18.828 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

Tgt Ion: 73 Resp: 124374
Ion Ratio Lower Upper
73 100
43 21.1 16.8 25.2





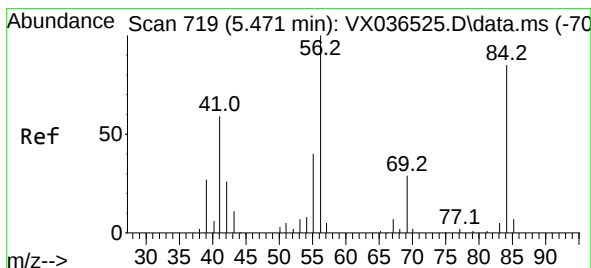
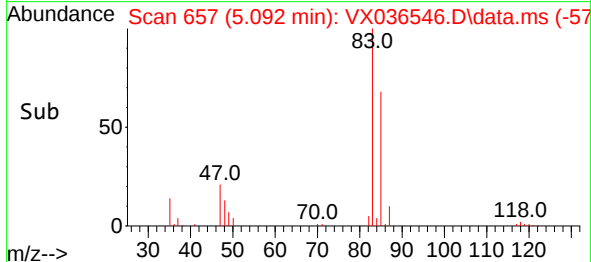
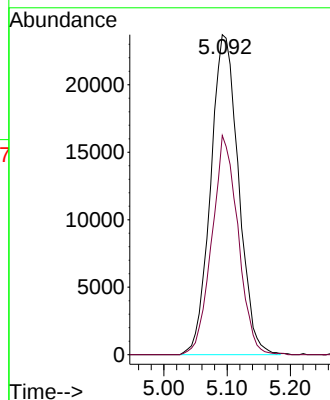
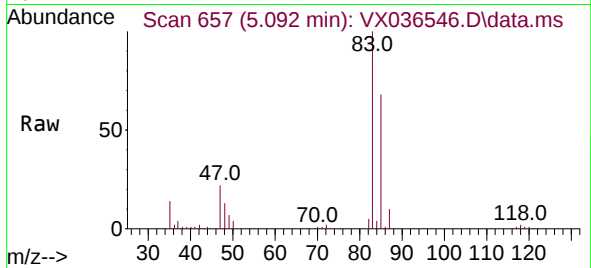
#25
Chloroform
Concen: 18.330 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 7256
Ion Ratio Lower Upper
83 100
85 68.5 51.5 77.3

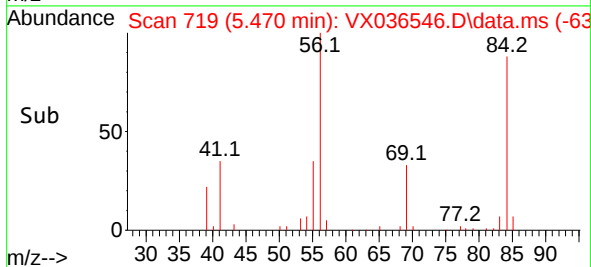
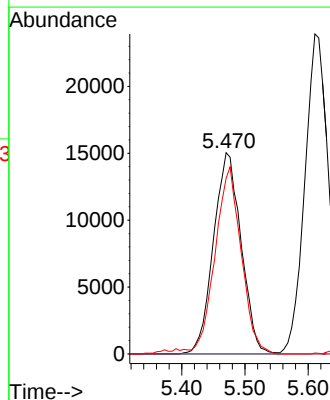
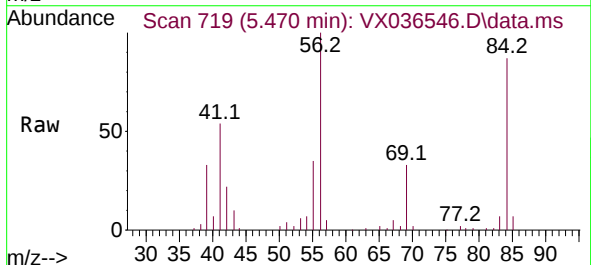
Manual Integrations
APPROVED

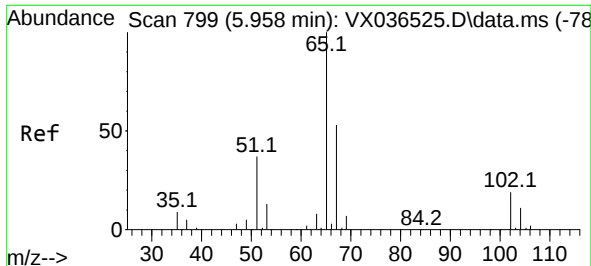
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#26
Cyclohexane
Concen: 15.526 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

Tgt Ion: 56 Resp: 45608
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.4 71.4 107.2





#27

1,2-Dichloroethane-d4

Concen: 28.584 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036546.D

Acq: 13 Jul 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDC020EC

Tgt Ion: 65 Resp: 73640

Ion Ratio Lower Upper

65 100

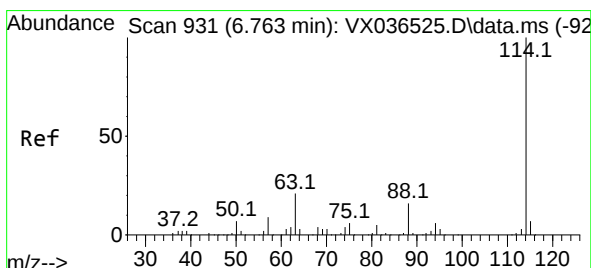
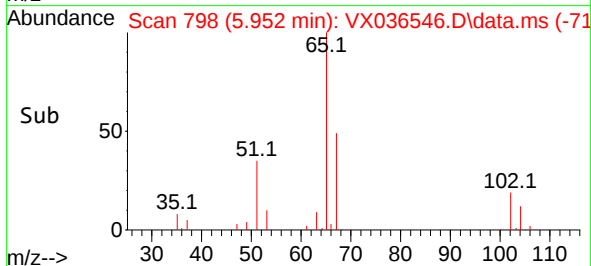
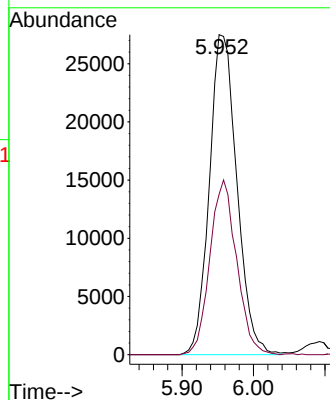
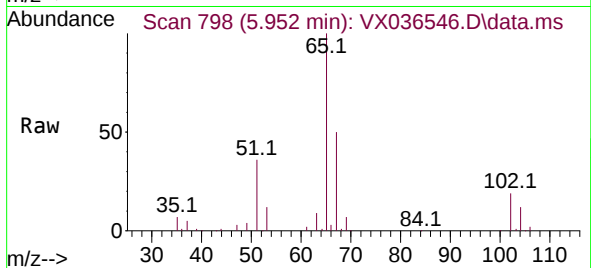
67 52.9 42.1 63.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036546.D

Acq: 13 Jul 2023 23:48

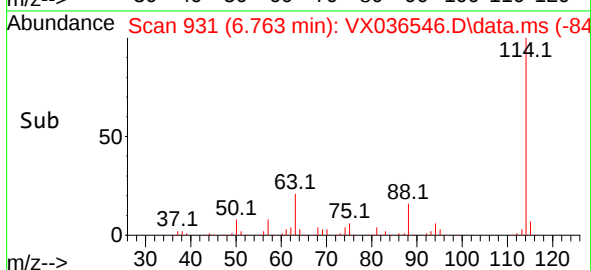
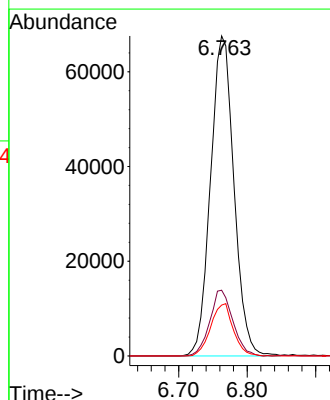
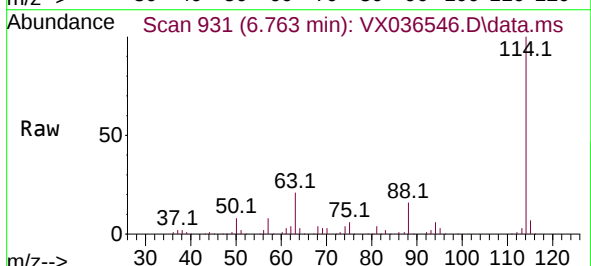
Tgt Ion:114 Resp: 160231

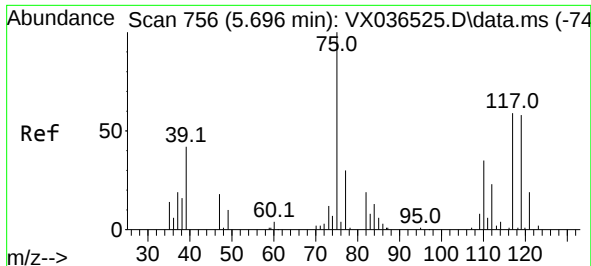
Ion Ratio Lower Upper

114 100

63 20.2 16.6 24.8

88 15.7 12.9 19.3





#29

1,1-Dichloropropene

Concen: 18.921 ug/l

RT: 5.702 min Scan# 756

Delta R.T. 0.006 min

Lab File: VX036546.D

Acq: 13 Jul 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 45718

Ion Ratio Lower Upper

75 100

110 34.6 0.0 70.4

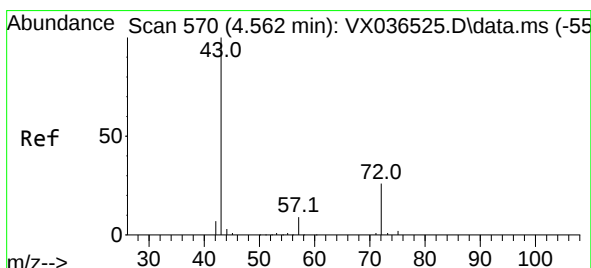
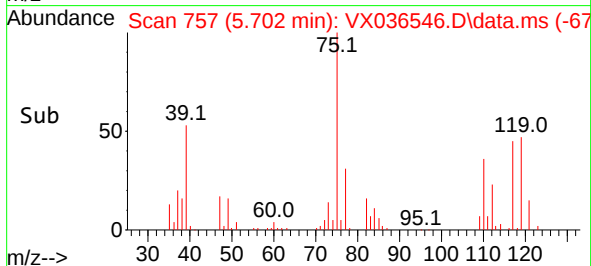
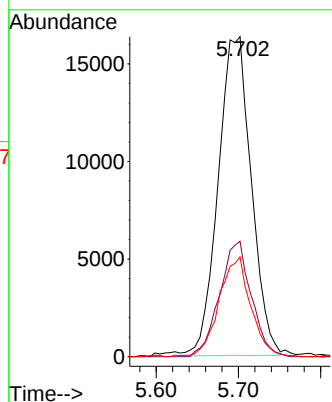
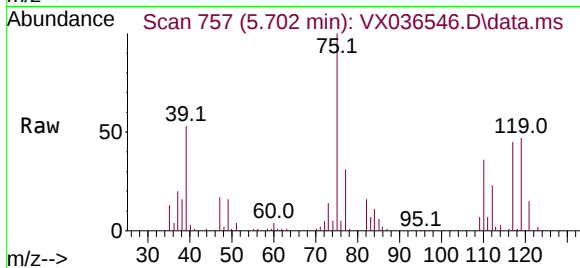
77 29.9 0.0 62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#30

2-Butanone

Concen: 100.446 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.000 min

Lab File: VX036546.D

Acq: 13 Jul 2023 23:48

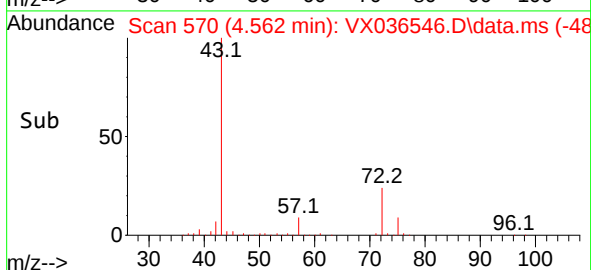
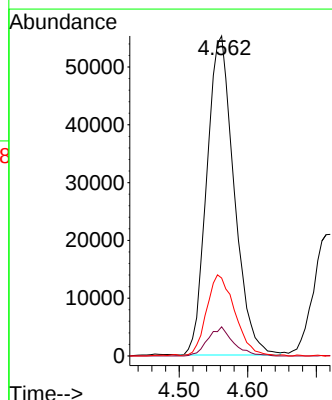
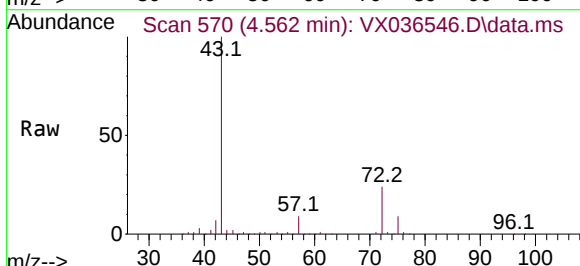
Tgt Ion: 43 Resp: 152816

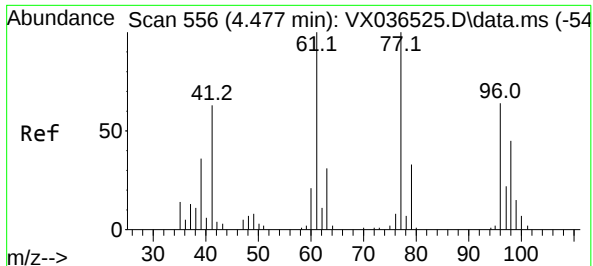
Ion Ratio Lower Upper

43 100

57 8.5 6.4 9.6

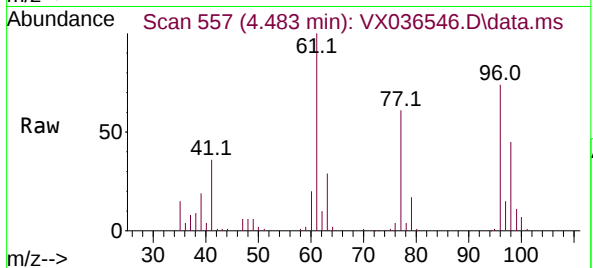
72 26.3 21.6 32.4





#31
2,2-Dichloropropane
Concen: 14.113 ug/l
RT: 4.483 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

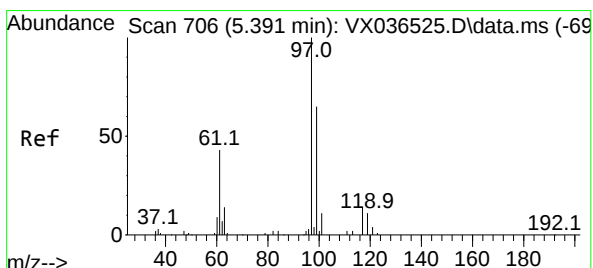
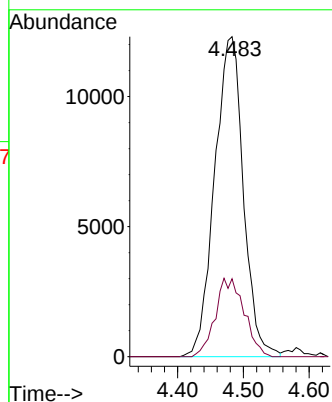
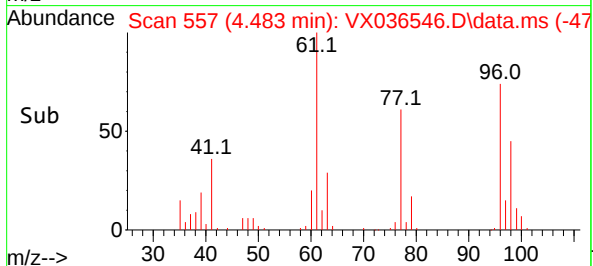
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 3739
Ion Ratio Lower Upper
77 100
97 24.6 18.6 27.8

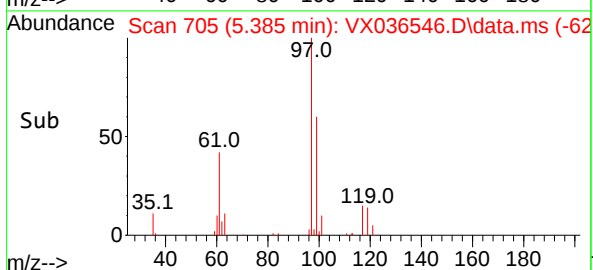
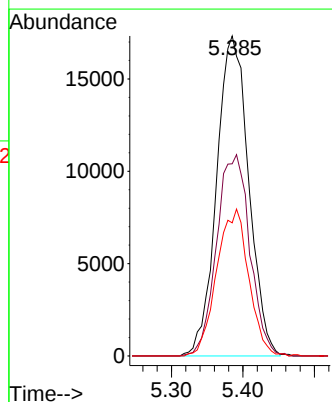
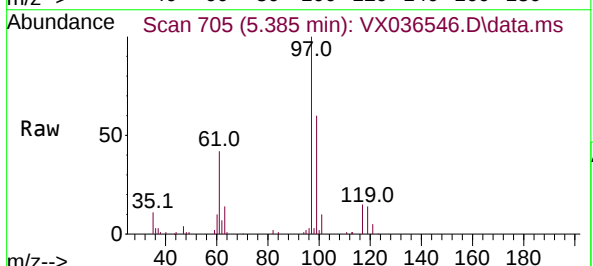
Manual Integrations
APPROVED

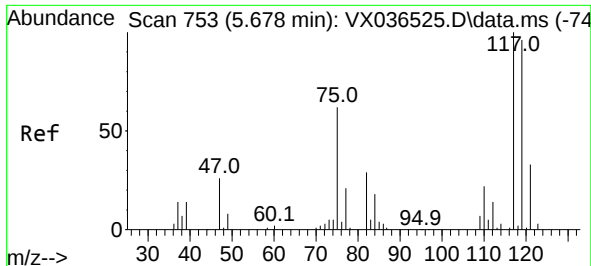
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#32
1,1,1-Trichloroethane
Concen: 18.816 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

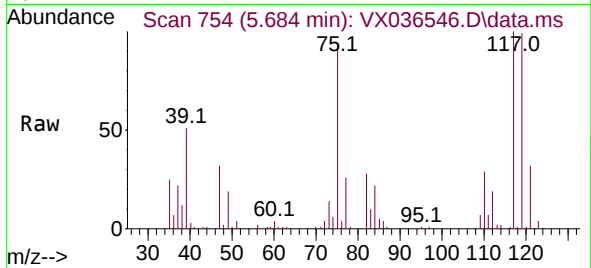
Tgt Ion: 97 Resp: 54024
Ion Ratio Lower Upper
97 100
99 64.9 51.5 77.3
61 45.5 35.8 53.8





#33
Carbon Tetrachloride
Concen: 17.867 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

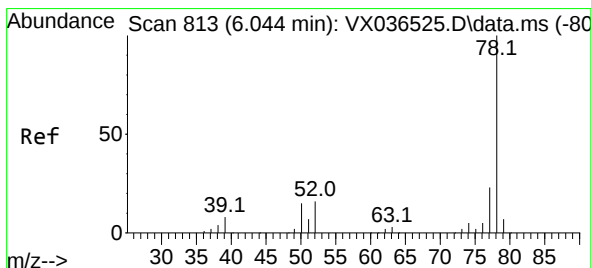
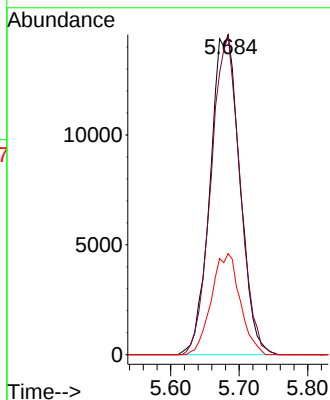
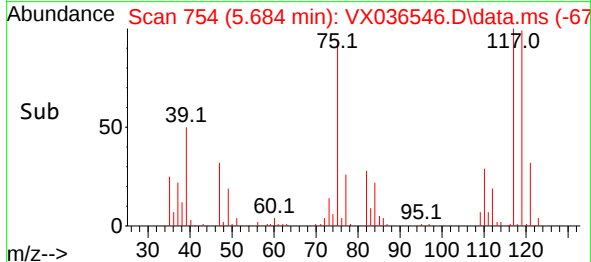
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



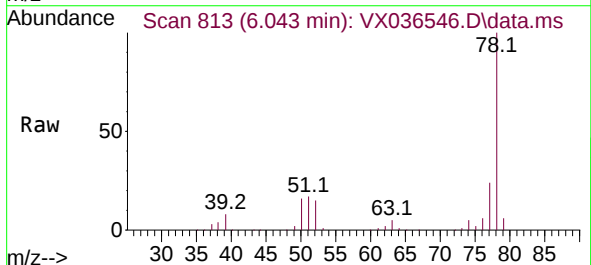
Tgt Ion:117 Resp: 43764
Ion Ratio Lower Upper
117 100
119 99.5 76.6 115.0
121 31.6 26.5 39.7

Manual Integrations
APPROVED

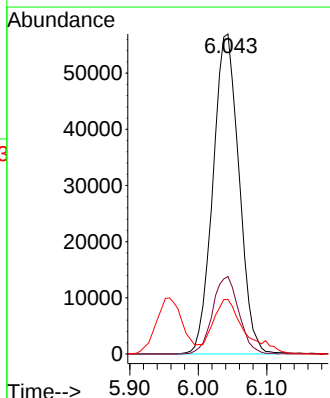
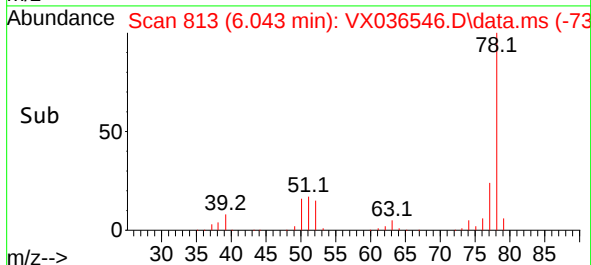
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

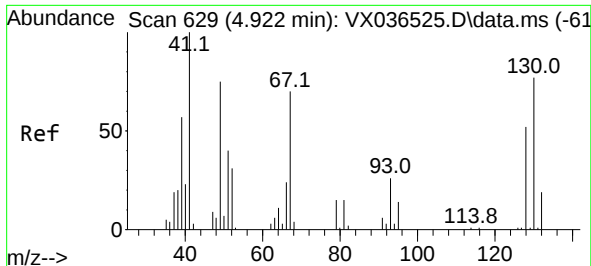


#34
Benzene
Concen: 20.178 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48



Tgt Ion: 78 Resp: 150279
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1
51 15.8 14.2 21.4





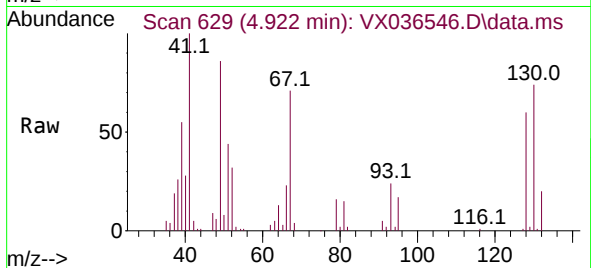
#35
Methacrylonitrile
Concen: 20.913 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



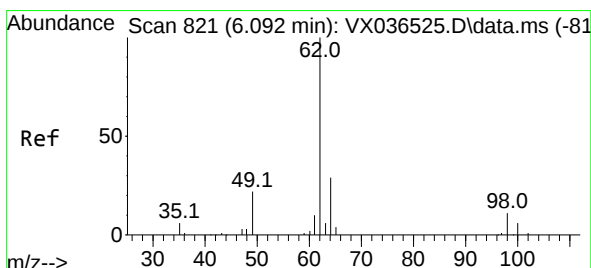
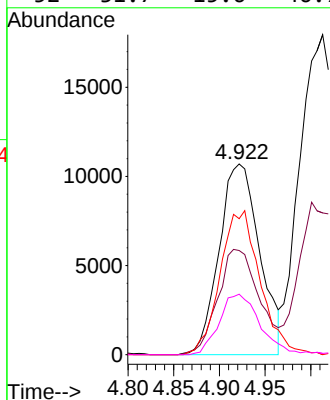
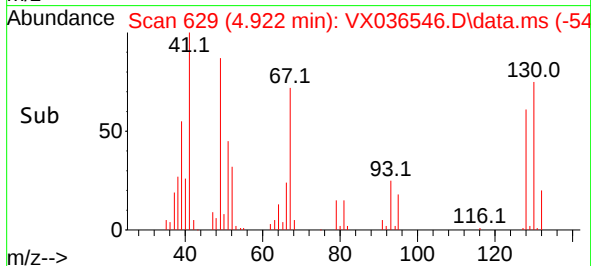
Tgt Ion: 41 Resp: 33010
Ion Ratio Lower Upper
41 100
39 54.6 28.2 84.7
67 71.3 35.0 105.1
52 31.7 15.6 46.7

Manual Integrations

APPROVED

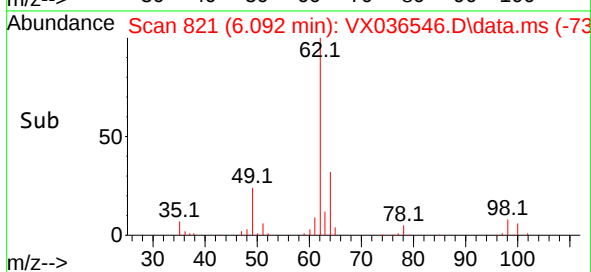
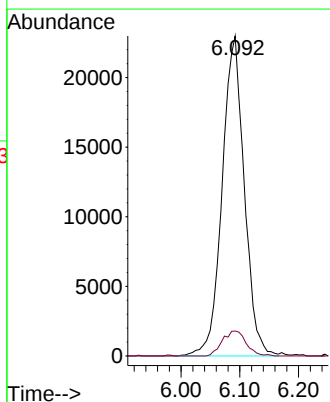
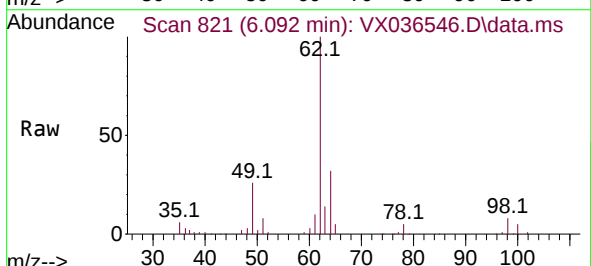
Reviewed By :John Carlone 07/14/2023

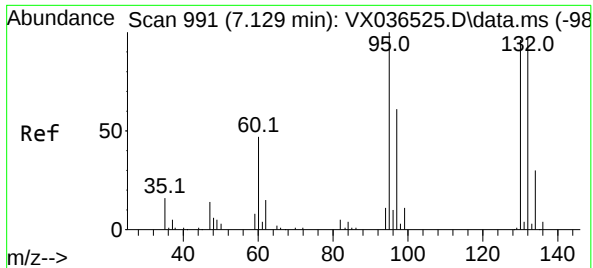
Supervised By :Semsettin Yesilyurt 07/14/2023



#36
1,2-Dichloroethane
Concen: 21.061 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

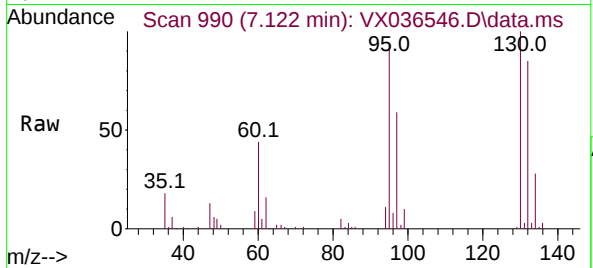
Tgt Ion: 62 Resp: 60229
Ion Ratio Lower Upper
62 100
98 8.3 7.0 10.6





#37
Trichloroethene
Concen: 19.671 ug/l
RT: 7.122 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

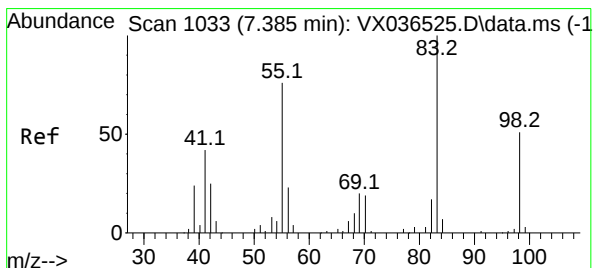
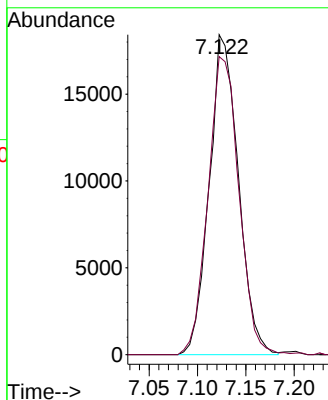
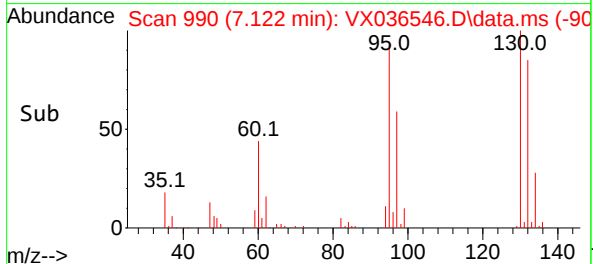
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



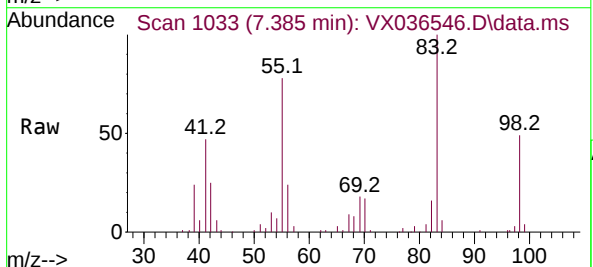
Tgt Ion:130 Resp: 3855
Ion Ratio Lower Upper
130 100
95 93.1 83.2 124.8

Manual Integrations
APPROVED

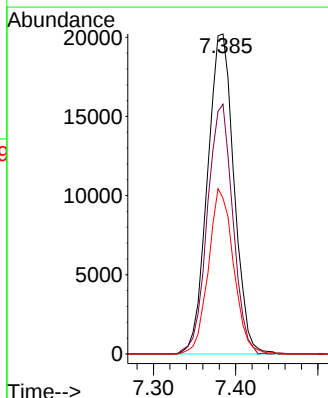
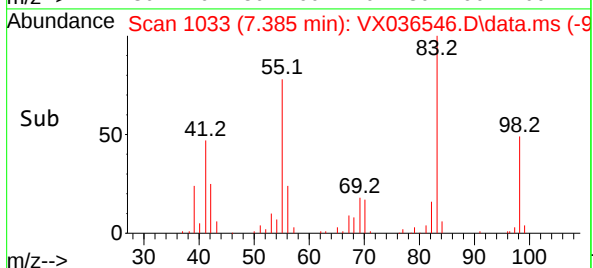
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

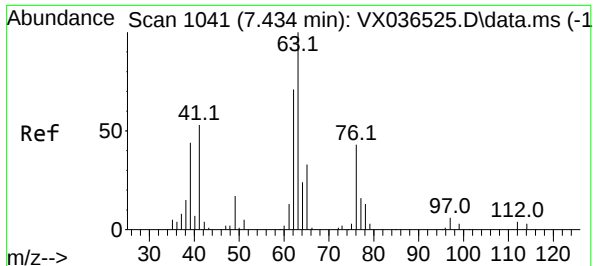


#38
Methylcyclohexane
Concen: 16.124 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48



Tgt Ion: 83 Resp: 45324
Ion Ratio Lower Upper
83 100
55 74.7 38.1 114.5
98 48.9 24.4 73.4





#39

1,2-Dichloropropane

Concen: 20.363 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX036546.D

Acq: 13 Jul 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 4111

Ion Ratio Lower Upper

63 100

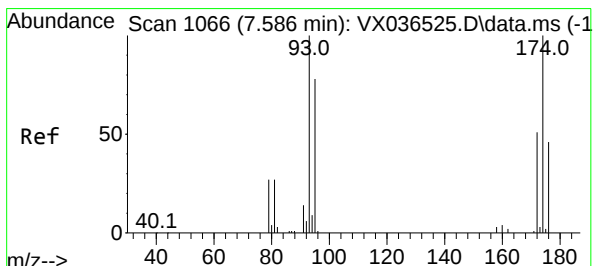
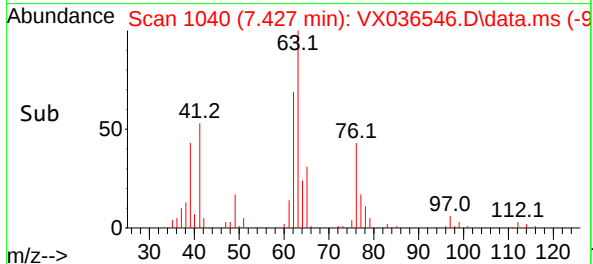
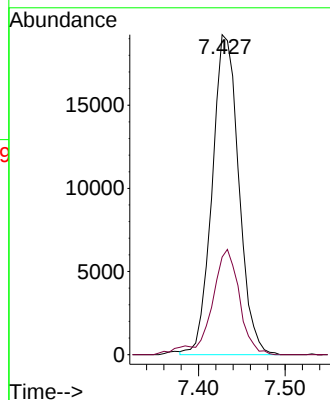
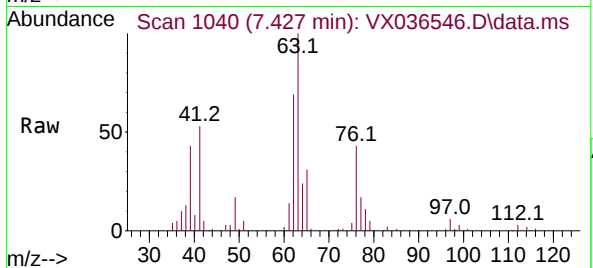
65 30.5 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#40

Dibromomethane

Concen: 20.625 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX036546.D

Acq: 13 Jul 2023 23:48

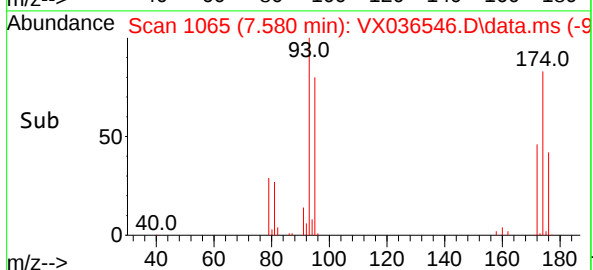
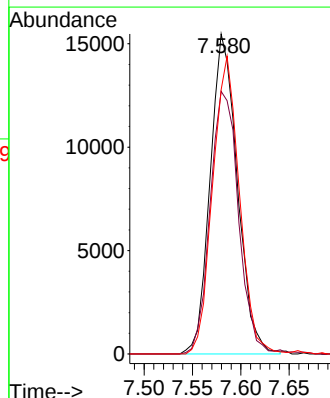
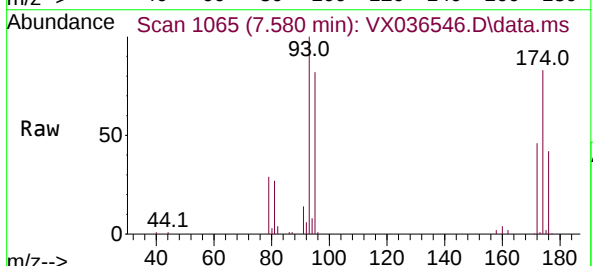
Tgt Ion: 93 Resp: 30160

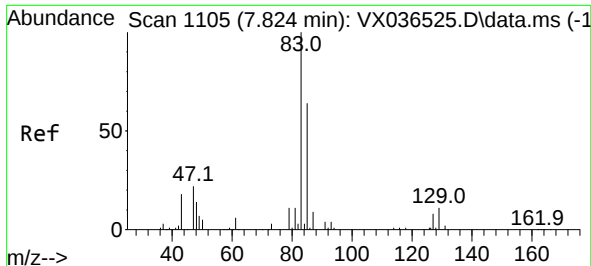
Ion Ratio Lower Upper

93 100

95 85.5 0.0 166.8

174 91.6 0.0 191.6





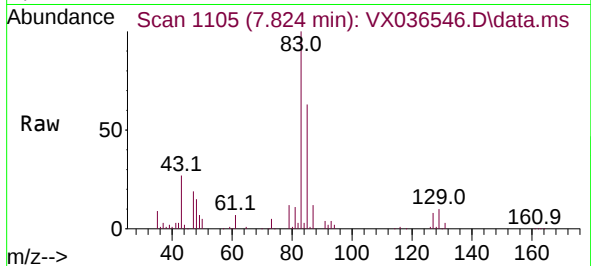
#41
Bromodichloromethane
Concen: 20.045 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



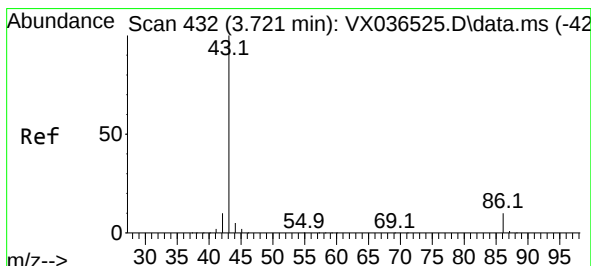
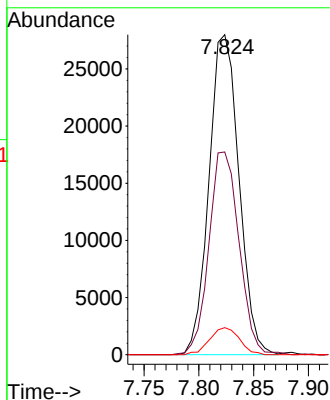
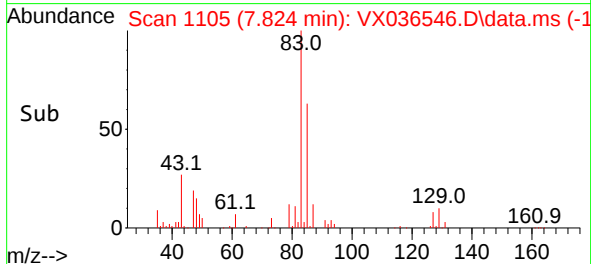
Tgt Ion: 83 Resp: 53199
Ion Ratio Lower Upper
83 100
85 63.0 51.5 77.3
127 8.4 6.4 9.6

Manual Integrations

APPROVED

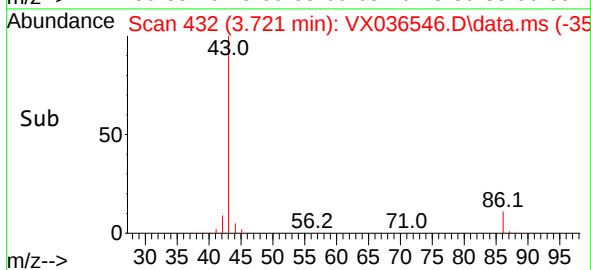
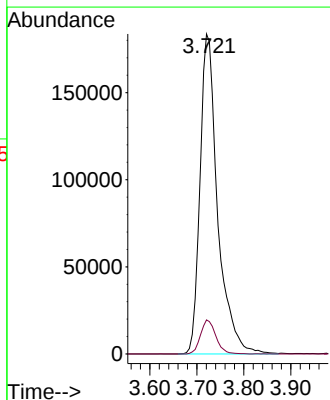
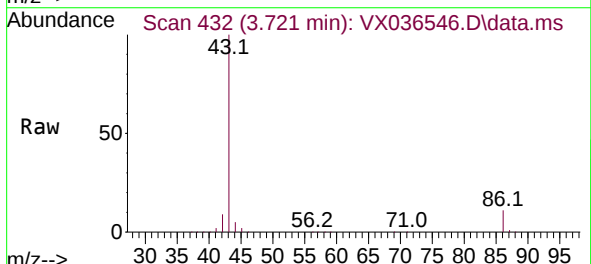
Reviewed By :John Carlone 07/14/2023

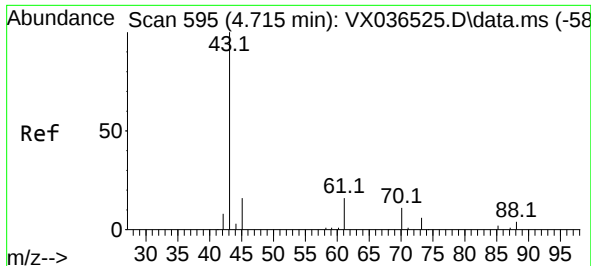
Supervised By :Semsettin Yesilyurt 07/14/2023



#42
Vinyl Acetate
Concen: 104.584 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

Tgt Ion: 43 Resp: 480593
Ion Ratio Lower Upper
43 100
86 9.2 7.4 11.0





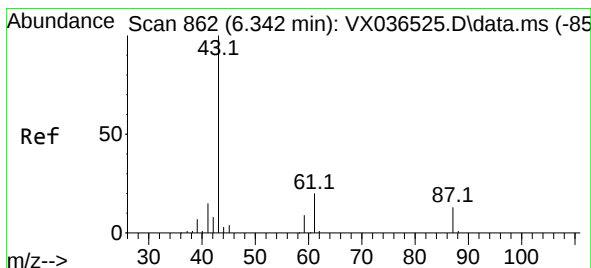
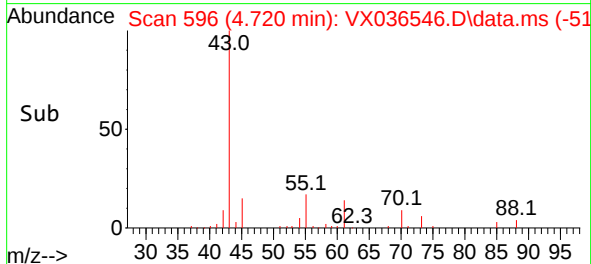
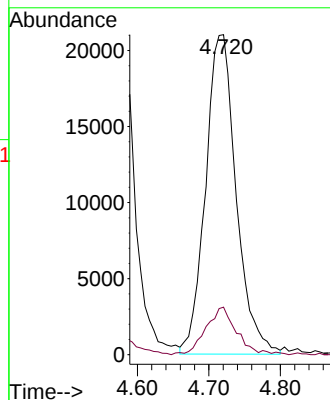
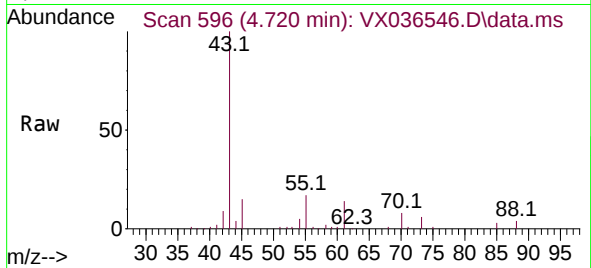
#43
Ethyl Acetate
Concen: 21.109 ug/l
RT: 4.720 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 6251
Ion Ratio Lower Upper
43 100
45 14.2 12.6 18.8

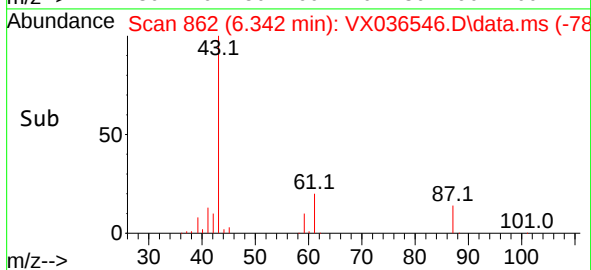
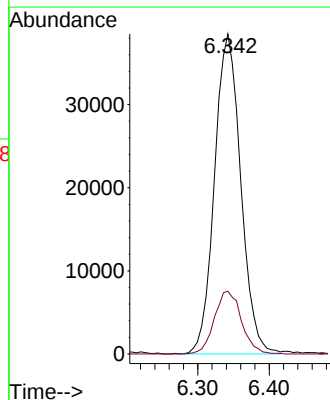
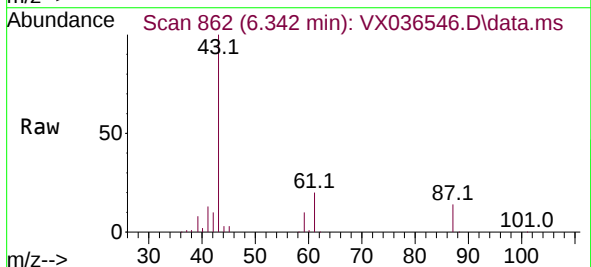
Manual Integrations
APPROVED

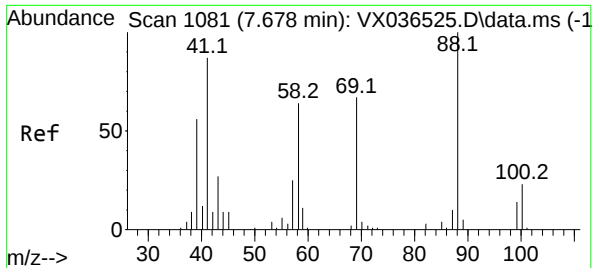
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#44
Isopropyl Acetate
Concen: 20.770 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

Tgt Ion: 43 Resp: 98093
Ion Ratio Lower Upper
43 100
61 20.2 15.4 23.0





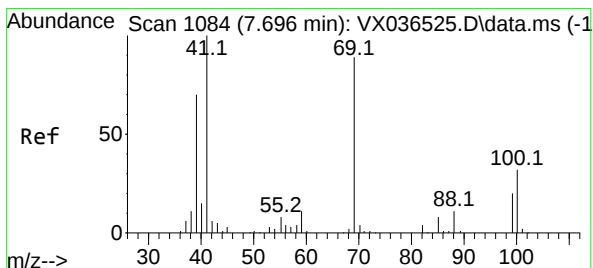
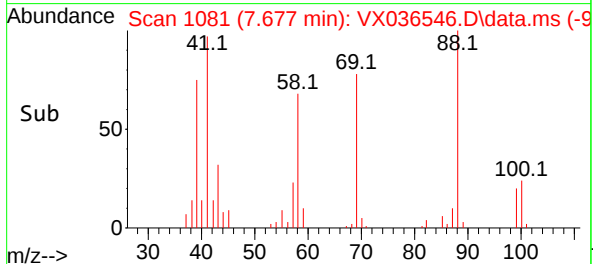
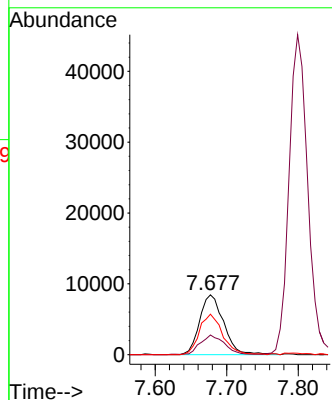
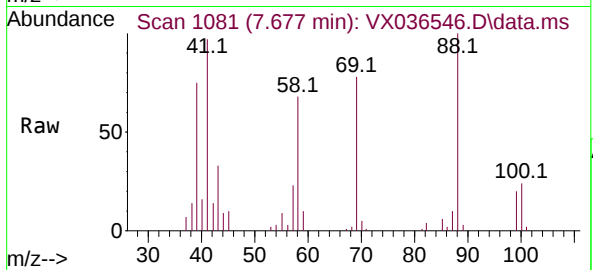
#45
1,4-Dioxane
Concen: 368.064 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 88 Resp: 1973
Ion Ratio Lower Upper
88 100
43 31.8 297.5 446.3
58 64.8 1.0 1.4

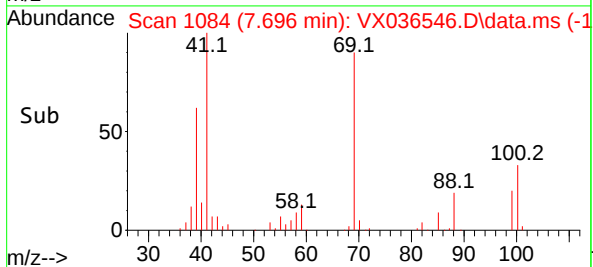
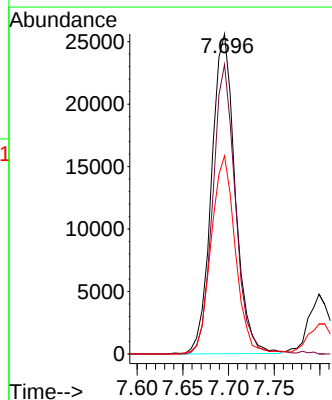
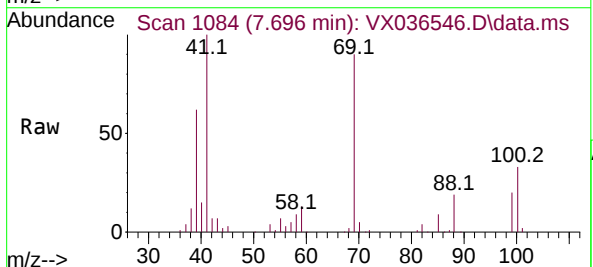
Manual Integrations
APPROVED

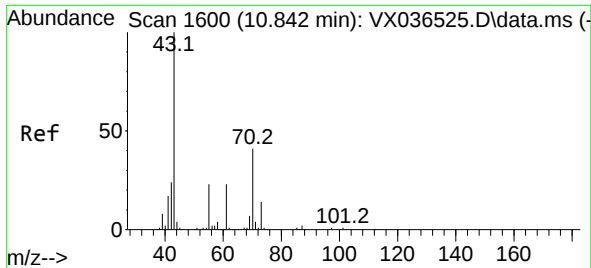
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#46
Methyl methacrylate
Concen: 20.362 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

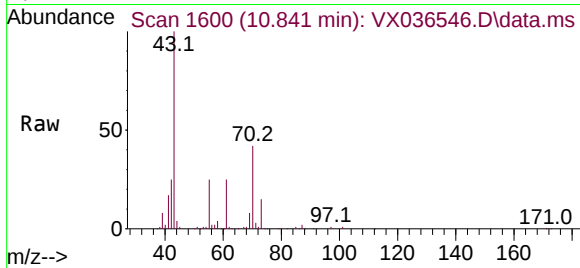
Tgt Ion: 41 Resp: 45961
Ion Ratio Lower Upper
41 100
69 90.6 44.4 133.1
39 62.1 34.9 104.7





#47
n-amyl acetate
Concen: 20.201 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

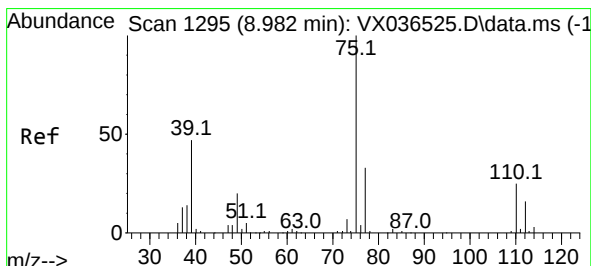
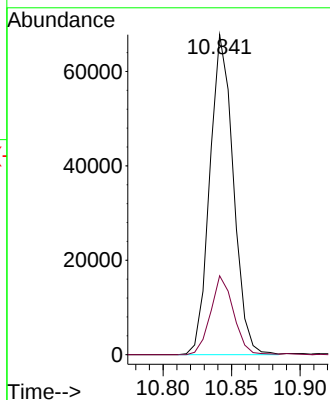
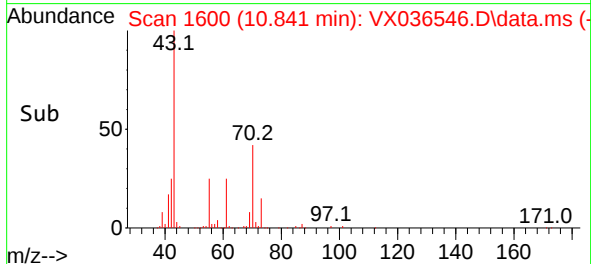
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 8092
Ion Ratio Lower Upper
43 100
55 24.0 18.6 28.0

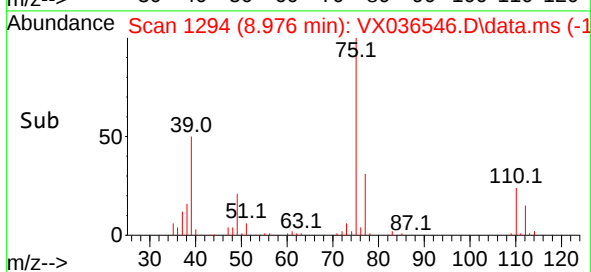
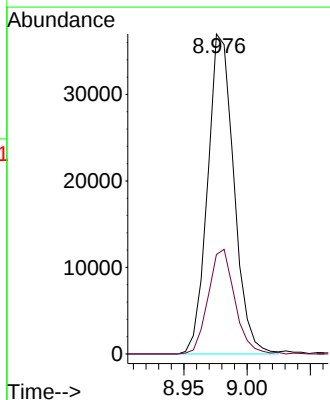
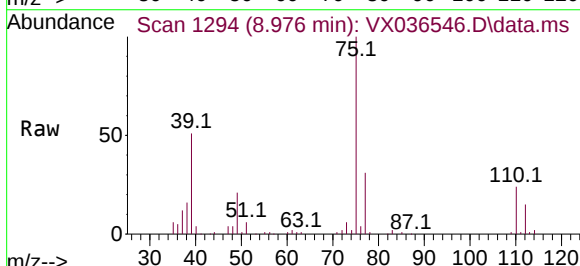
Manual Integrations
APPROVED

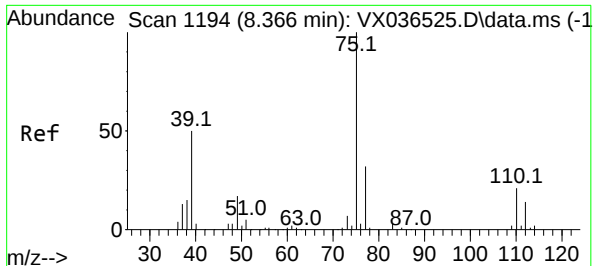
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#48
t-1,3-Dichloropropene
Concen: 18.367 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

Tgt Ion: 75 Resp: 53464
Ion Ratio Lower Upper
75 100
77 31.1 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 19.343 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036546.D

Acq: 13 Jul 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 6082

Ion Ratio Lower Upper

75 100

77 30.3 25.4 38.2

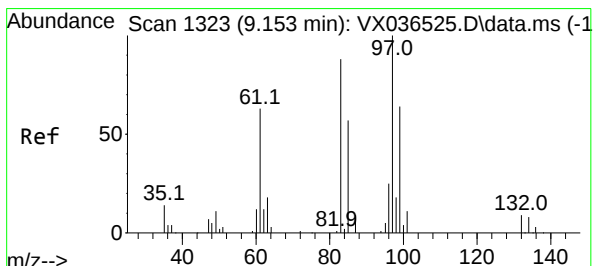
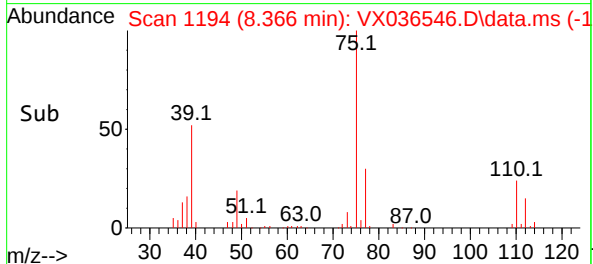
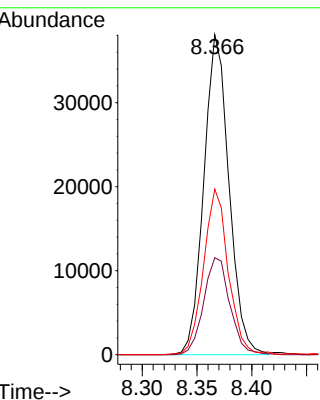
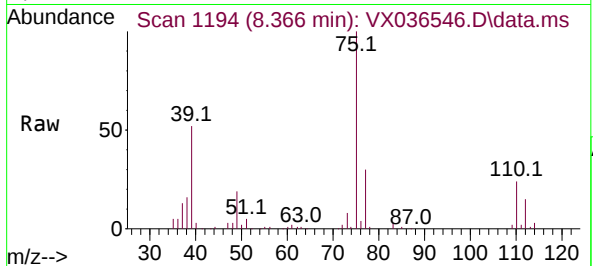
39 51.6 40.2 60.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#50

1,1,2-Trichloroethane

Concen: 21.621 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX036546.D

Acq: 13 Jul 2023 23:48

Tgt Ion: 97 Resp: 42920

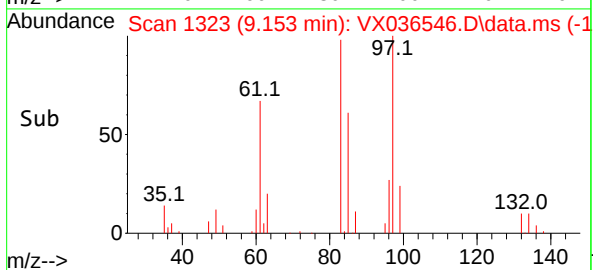
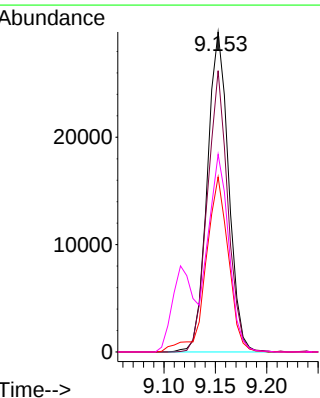
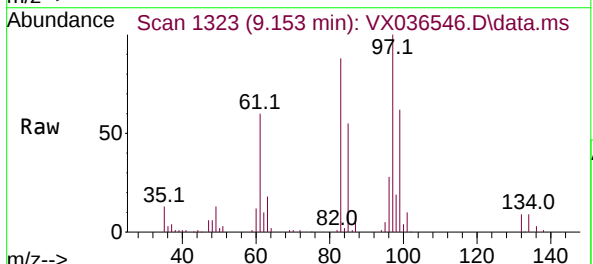
Ion Ratio Lower Upper

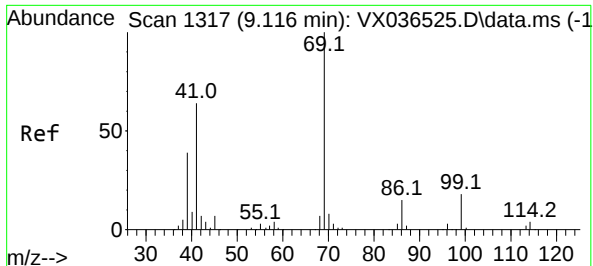
97 100

83 87.9 70.0 105.0

85 54.7 46.1 69.1

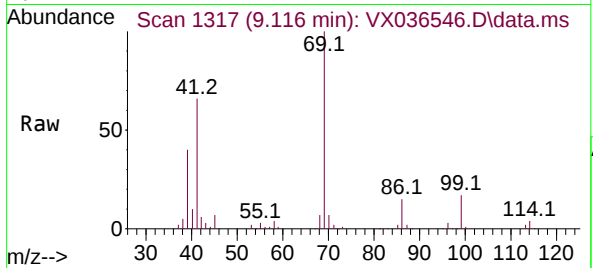
99 61.5 52.5 78.7





#51
Ethyl methacrylate
Concen: 20.909 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

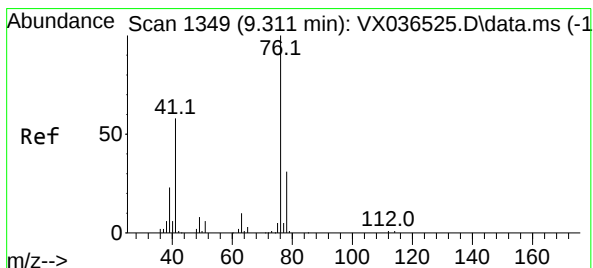
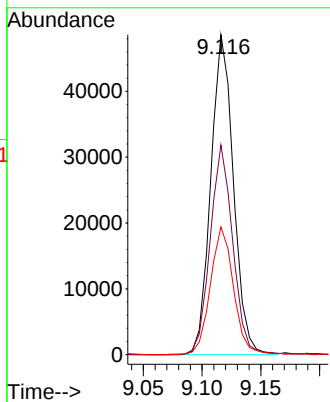
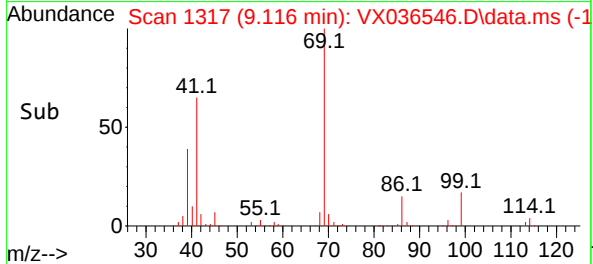
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 65164
Ion Ratio Lower Upper
69 100
41 65.4 32.0 96.0
39 39.8 19.4 58.4

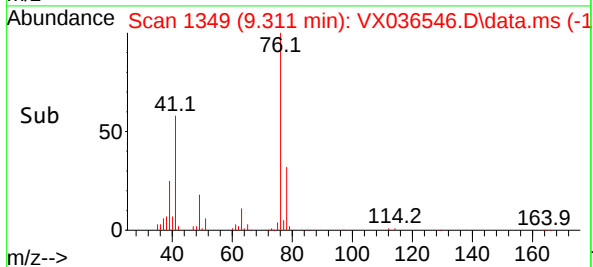
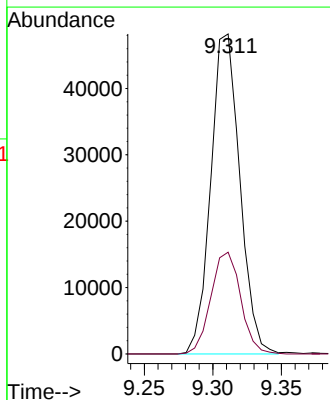
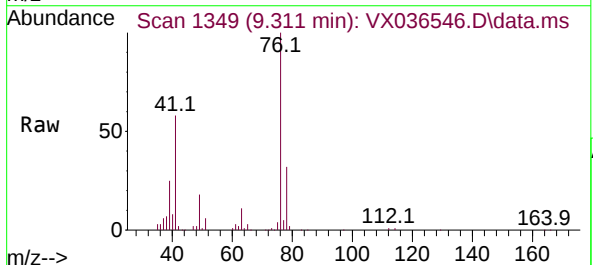
Manual Integrations
APPROVED

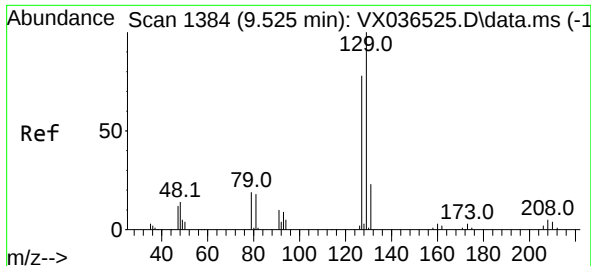
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#52
1,3-Dichloropropane
Concen: 21.226 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

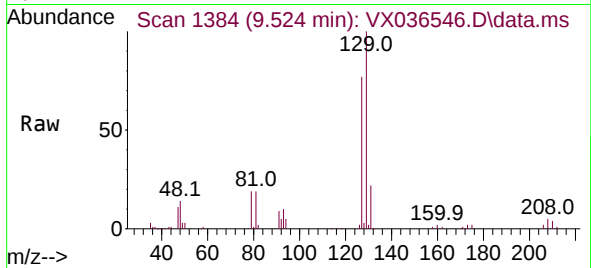
Tgt Ion: 76 Resp: 71110
Ion Ratio Lower Upper
76 100
78 32.6 0.0 63.6





#53
Dibromochloromethane
Concen: 19.821 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

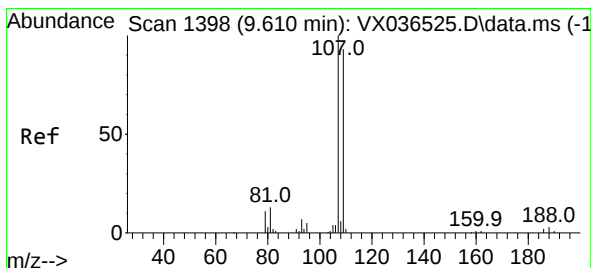
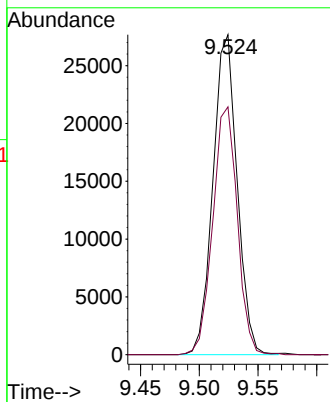
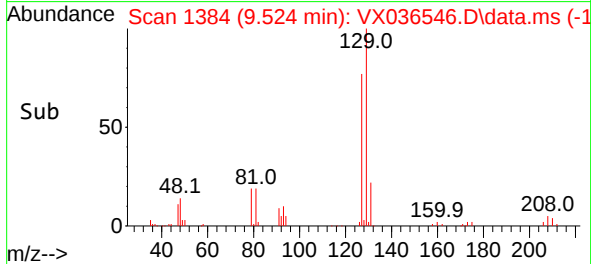
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:129 Resp: 39714
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.8

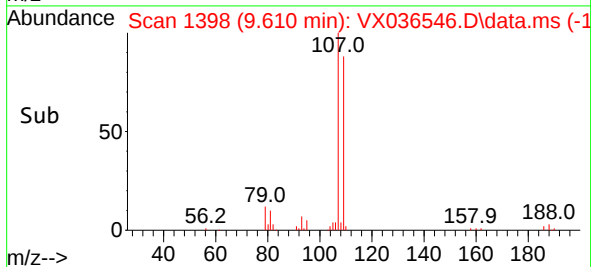
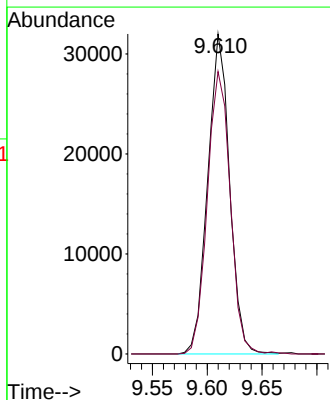
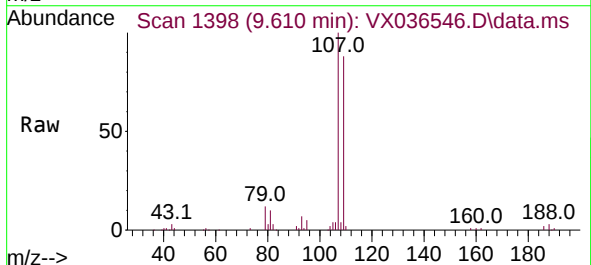
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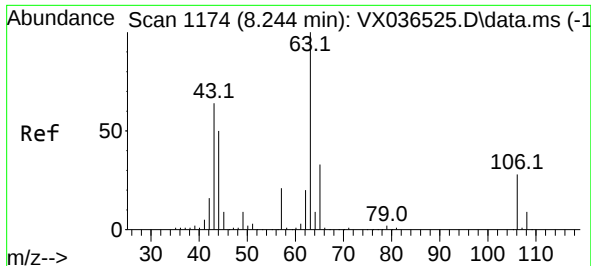
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#54
1,2-Dibromoethane
Concen: 21.268 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

Tgt Ion:107 Resp: 44350
Ion Ratio Lower Upper
107 100
109 92.2 74.7 112.1





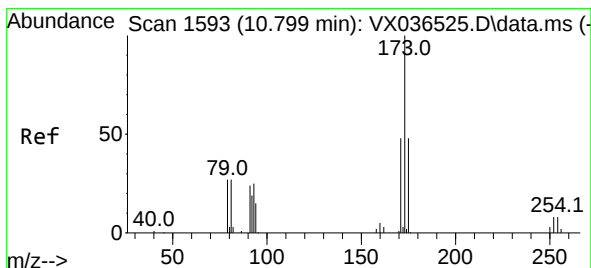
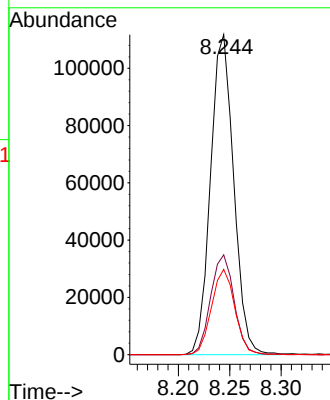
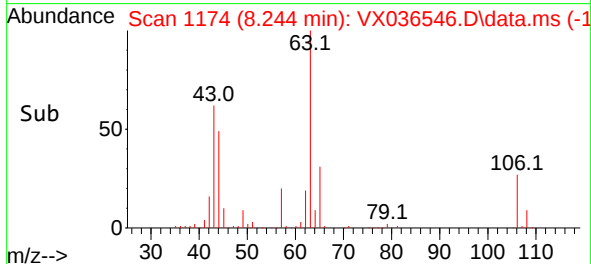
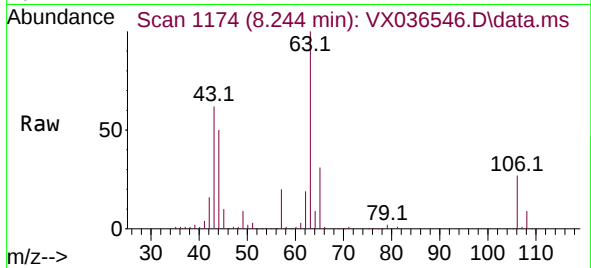
#55
2-Chloroethyl vinyl ether
Concen: 104.435 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 175040
Ion Ratio Lower Upper
63 100
65 31.6 25.9 38.9
106 26.8 21.8 32.8

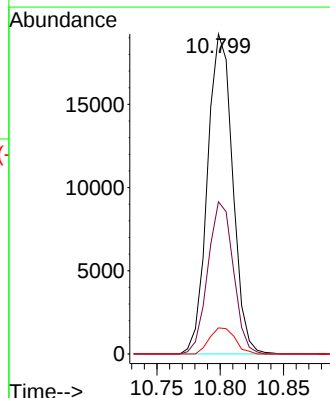
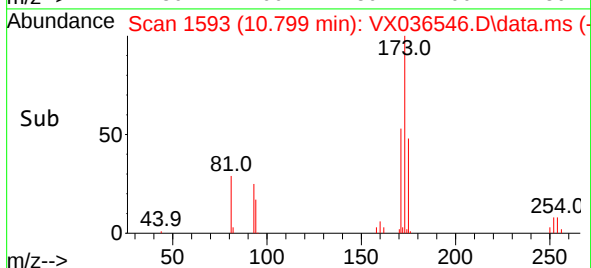
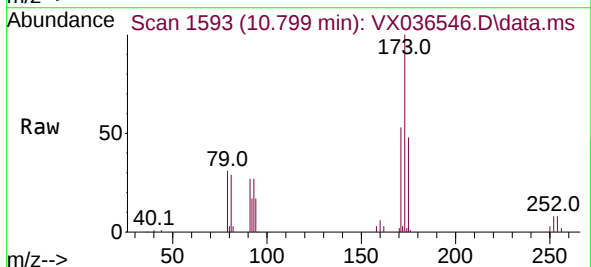
Manual Integrations
APPROVED

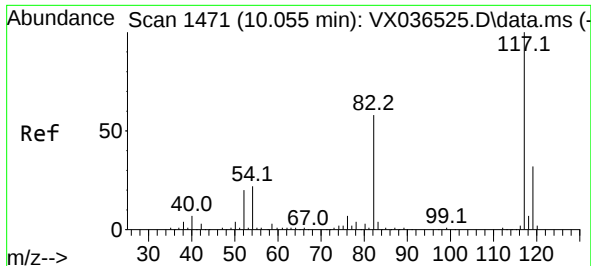
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#56
Bromoform
Concen: 19.090 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

Tgt Ion:173 Resp: 26611
Ion Ratio Lower Upper
173 100
175 48.1 38.1 57.1
254 8.3 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX036546.D

Acq: 13 Jul 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:117 Resp: 147719

Ion Ratio Lower Upper

117 100

82 56.6 44.7 67.1

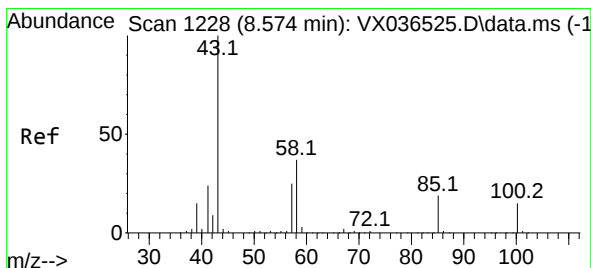
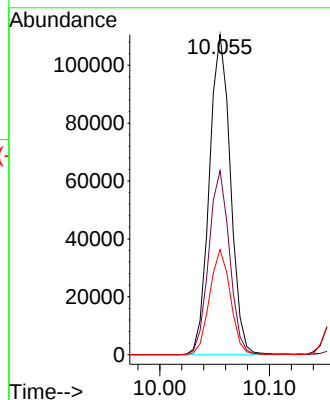
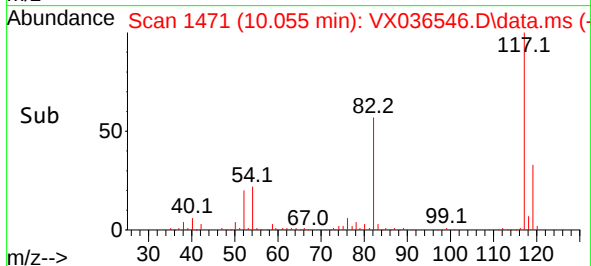
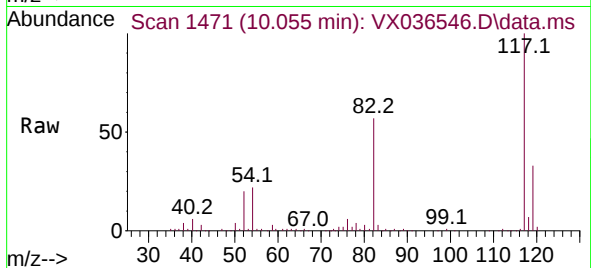
119 32.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#58

4-Methyl-2-Pentanone

Concen: 102.376 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX036546.D

Acq: 13 Jul 2023 23:48

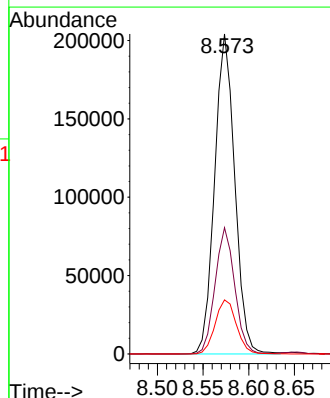
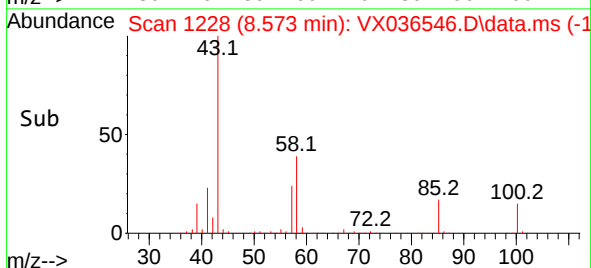
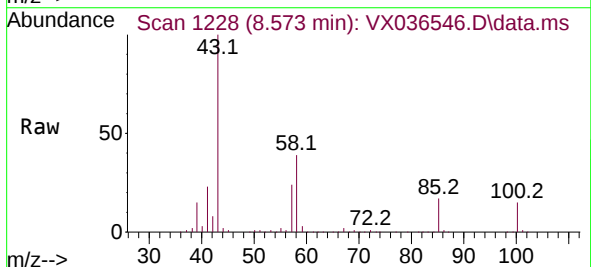
Tgt Ion: 43 Resp: 312720

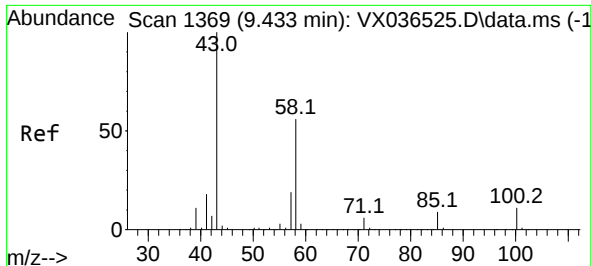
Ion Ratio Lower Upper

43 100

58 38.6 30.9 46.3

85 17.8 14.4 21.6





#59

2-Hexanone

Concen: 101.001 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX036546.D

Acq: 13 Jul 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 23471

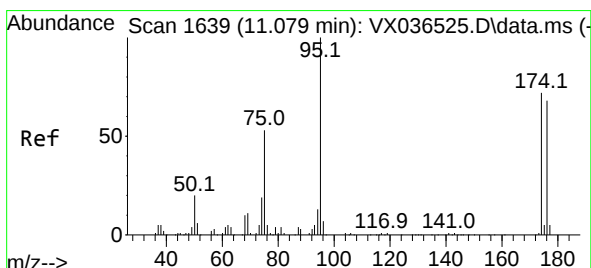
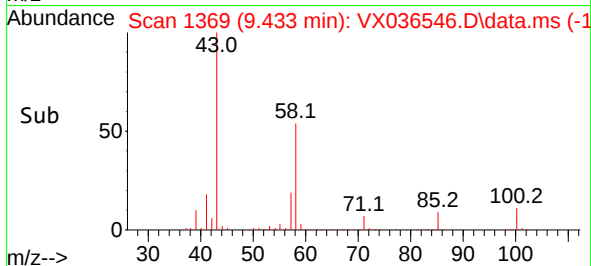
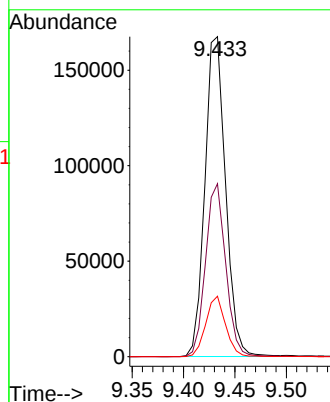
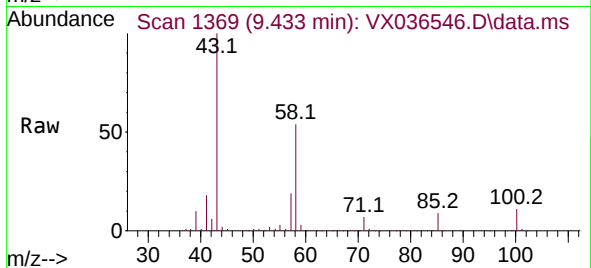
Ion	Ratio	Lower	Upper
43	100		
58	52.8	43.4	65.2
57	18.1	15.1	22.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#60

4-Bromofluorobenzene

Concen: 30.771 ug/l

RT: 11.079 min Scan# 1639

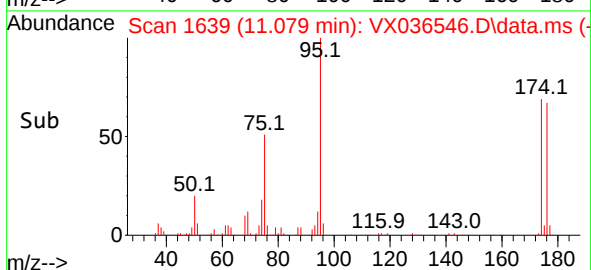
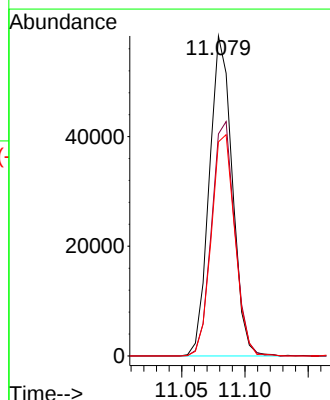
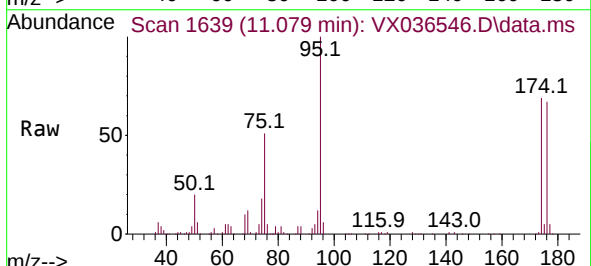
Delta R.T. -0.000 min

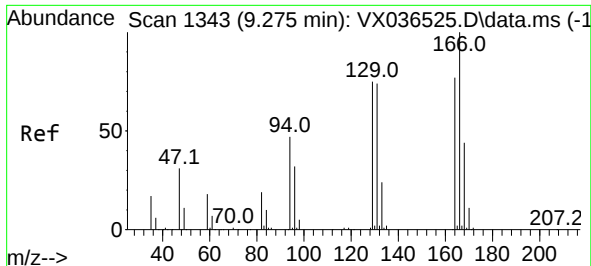
Lab File: VX036546.D

Acq: 13 Jul 2023 23:48

Tgt Ion: 95 Resp: 73731

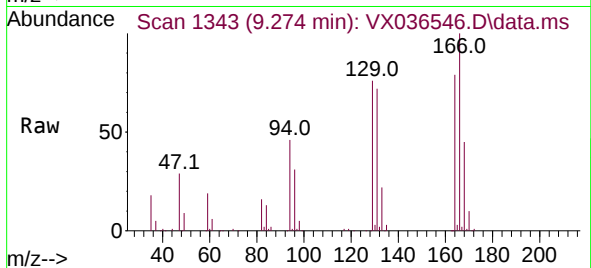
Ion	Ratio	Lower	Upper
95	100		
174	74.1	60.5	90.7
176	70.7	58.2	87.4





#61
Tetrachloroethene
Concen: 18.526 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

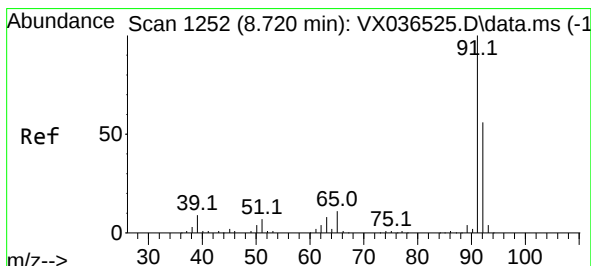
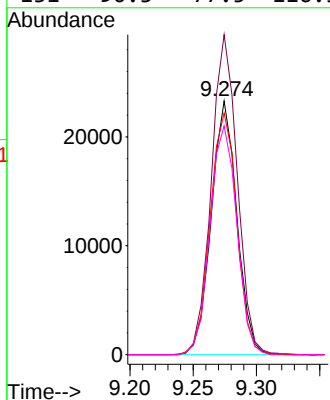
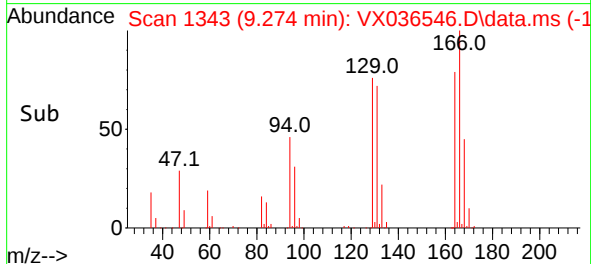
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 32778
Ion Ratio Lower Upper
164 100
166 126.0 104.5 156.7
129 95.3 78.0 117.0
131 90.3 77.5 116.3

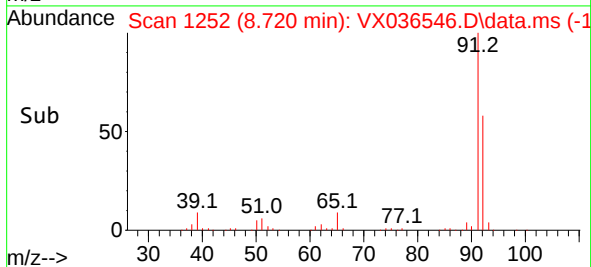
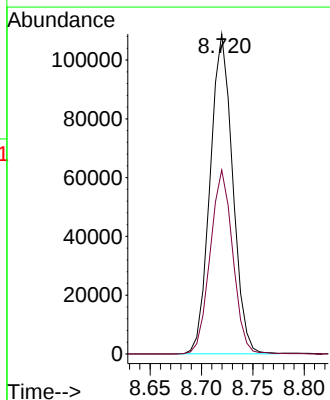
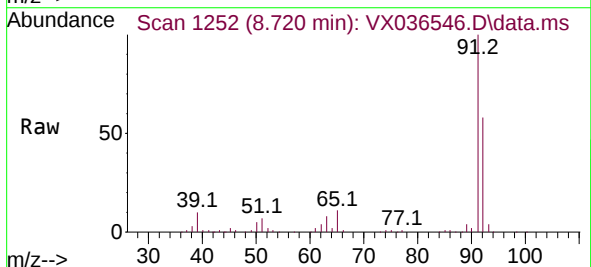
Manual Integrations
APPROVED

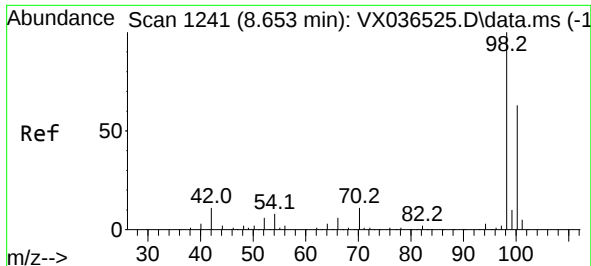
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#62
Toluene
Concen: 19.985 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

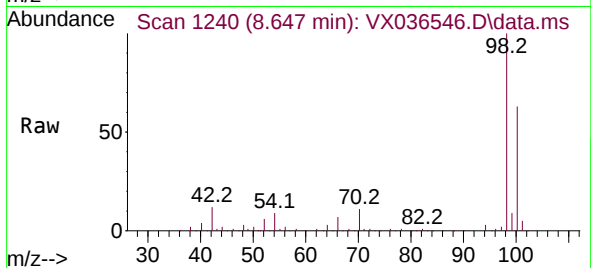
Tgt Ion: 91 Resp: 165639
Ion Ratio Lower Upper
91 100
92 57.7 44.9 67.3





#63
Toluene-d8
Concen: 30.214 ug/l
RT: 8.647 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

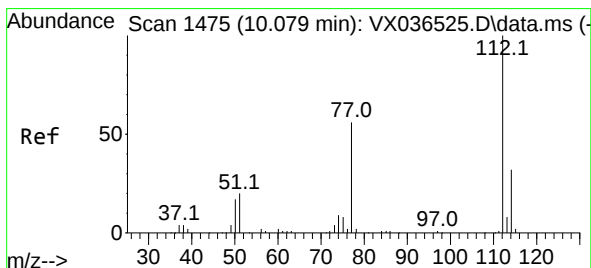
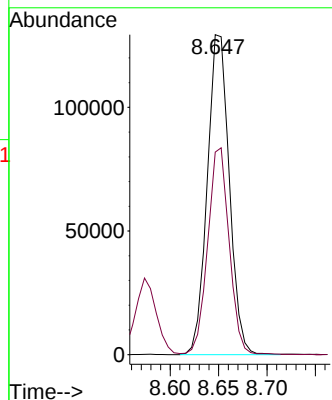
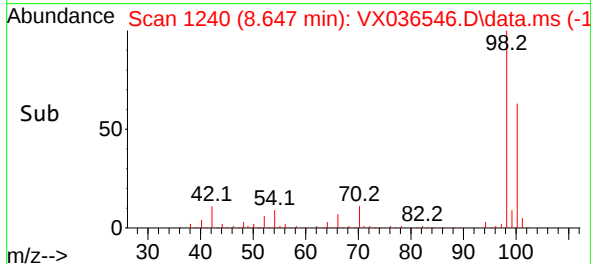
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 205379
Ion Ratio Lower Upper
98 100
100 62.9 51.6 77.4

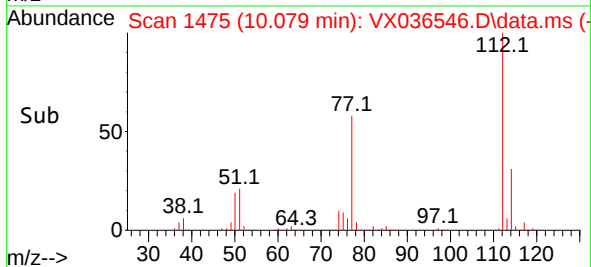
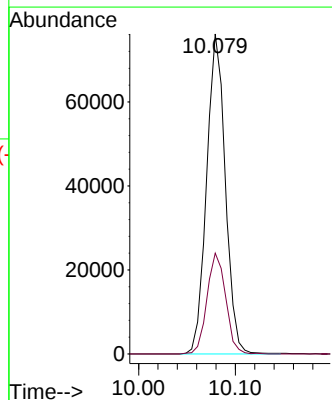
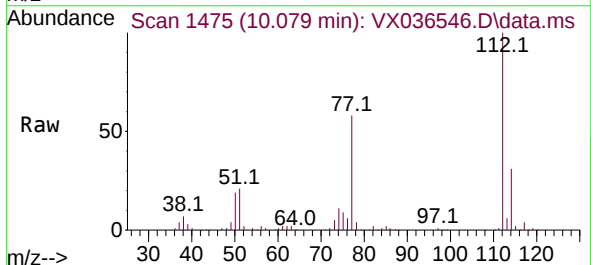
Manual Integrations
APPROVED

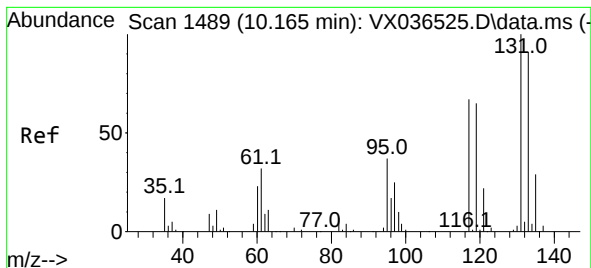
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#64
Chlorobenzene
Concen: 19.882 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

Tgt Ion:112 Resp: 102592
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6





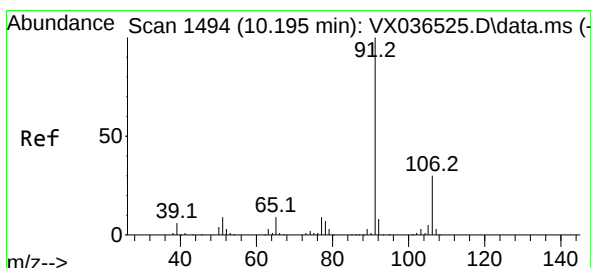
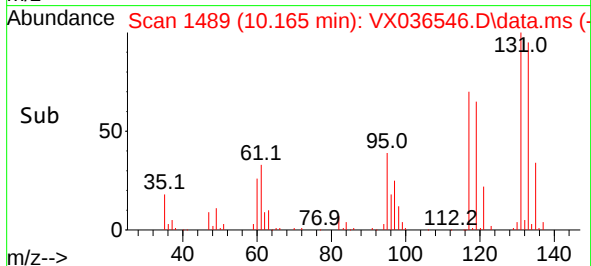
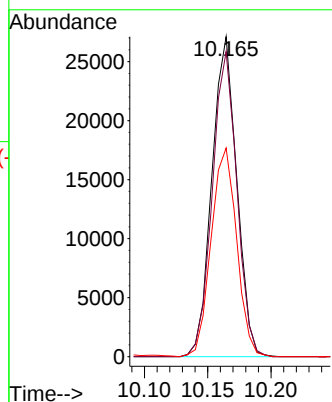
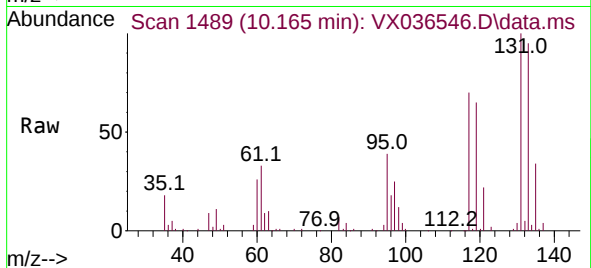
#65
1,1,1,2-Tetrachloroethane
Concen: 19.848 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 3698
Ion Ratio Lower Upper
131 100
133 94.4 0.0 192.0
119 67.0 0.0 132.8

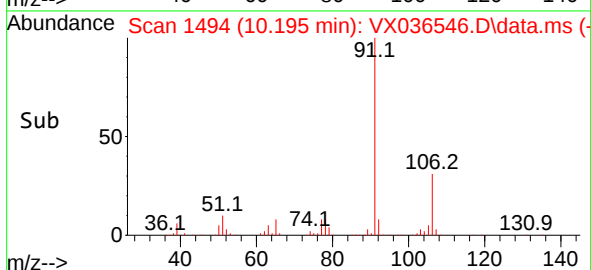
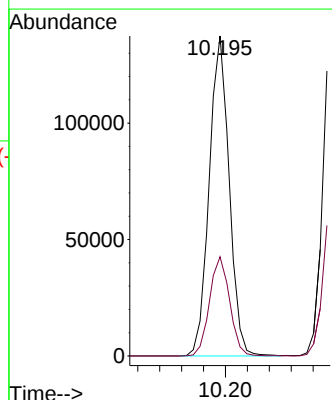
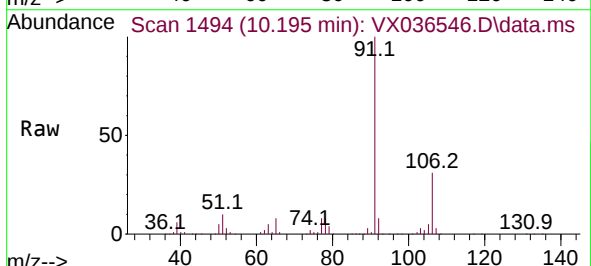
Manual Integrations
APPROVED

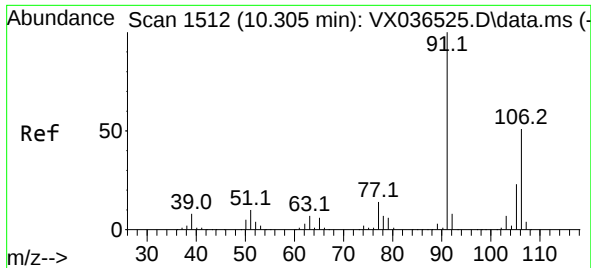
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#66
Ethyl Benzene
Concen: 19.272 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

Tgt Ion: 91 Resp: 173600
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4





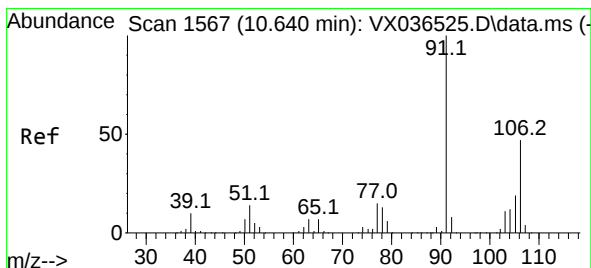
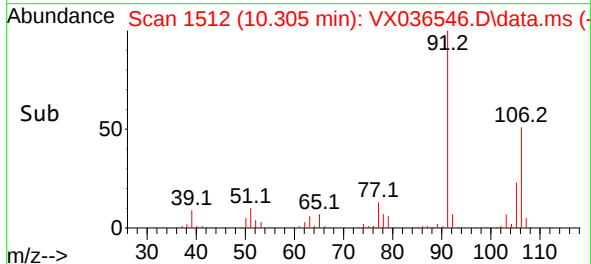
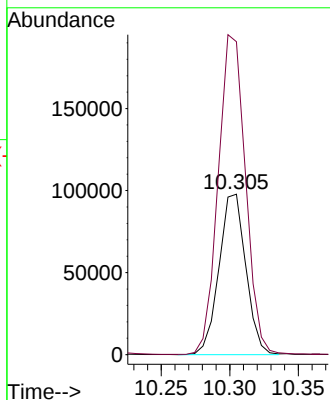
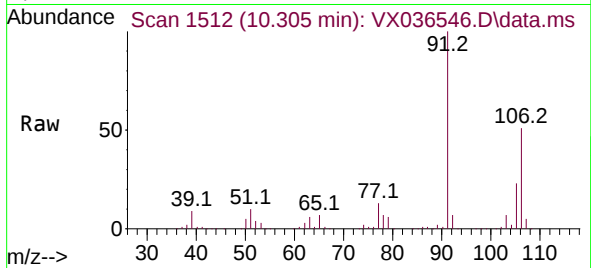
#67
m/p-Xylenes
Concen: 37.961 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 133300
Ion Ratio Lower Upper
106 100
91 203.7 160.5 240.7

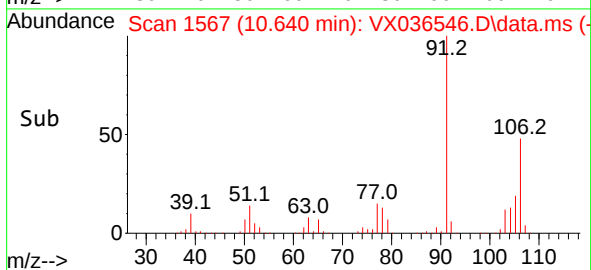
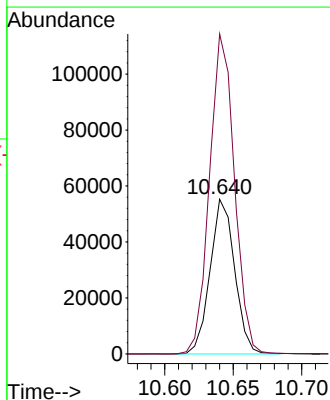
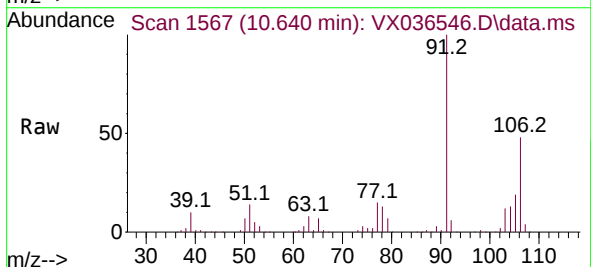
Manual Integrations
APPROVED

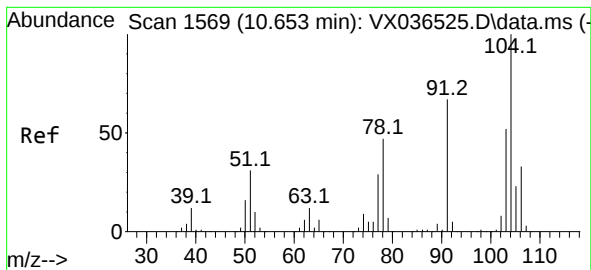
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#68
o-Xylene
Concen: 19.754 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

Tgt Ion:106 Resp: 68845
Ion Ratio Lower Upper
106 100
91 210.2 105.4 316.1





#69

Styrene

Concen: 19.736 ug/l

RT: 10.658 min Scan# 11152

Delta R.T. 0.006 min

Lab File: VX036546.D

Acq: 13 Jul 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

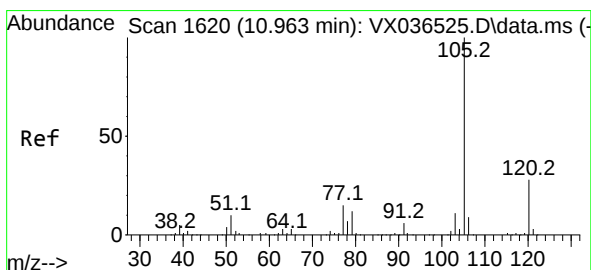
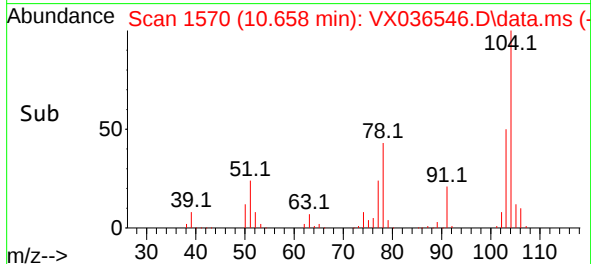
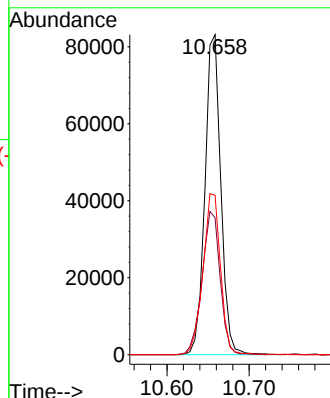
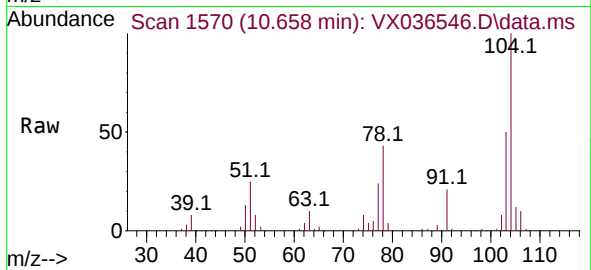
Tgt Ion:104 Resp: 11152
 Ion Ratio Lower Upper
 104 100
 78 51.0 41.0 61.4
 103 55.6 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#70

Isopropylbenzene

Concen: 18.727 ug/l

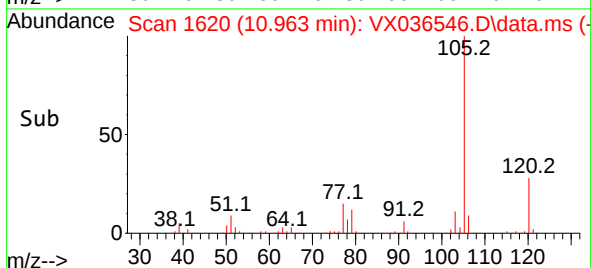
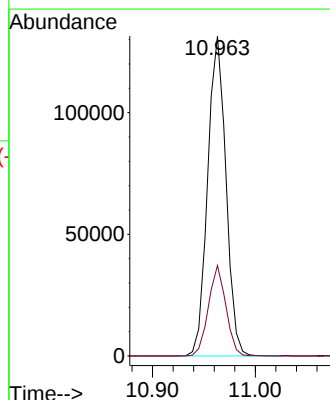
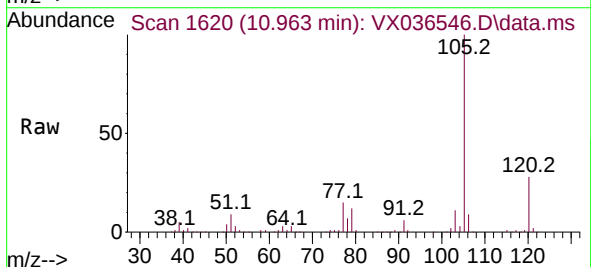
RT: 10.963 min Scan# 1620

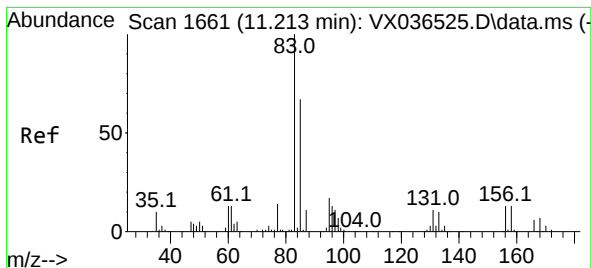
Delta R.T. -0.000 min

Lab File: VX036546.D

Acq: 13 Jul 2023 23:48

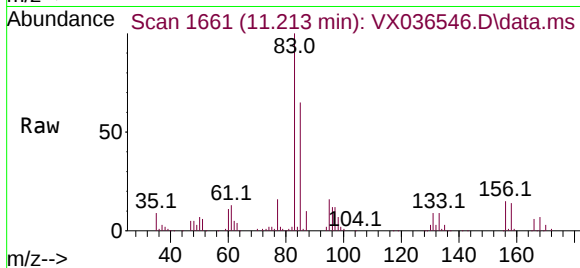
Tgt Ion:105 Resp: 162555
 Ion Ratio Lower Upper
 105 100
 120 27.0 19.5 36.3





#71
1,1,2,2-Tetrachloroethane
Concen: 20.622 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

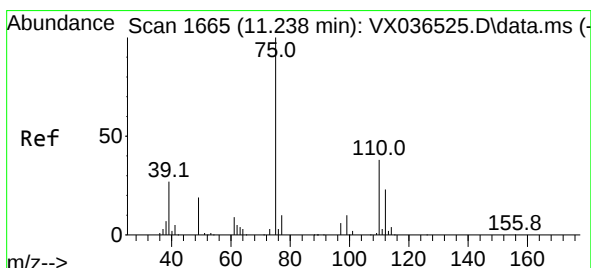
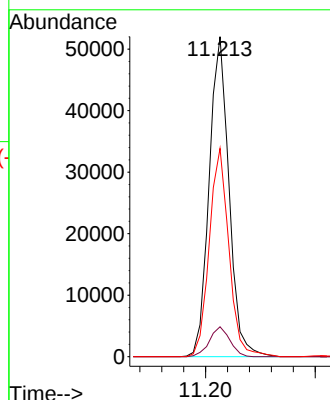
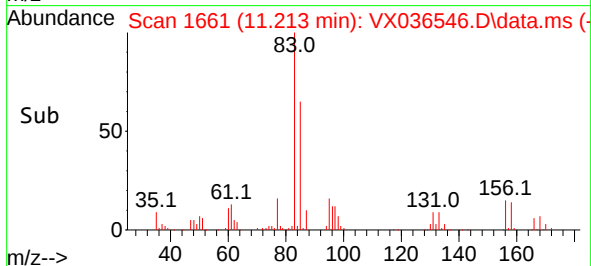
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



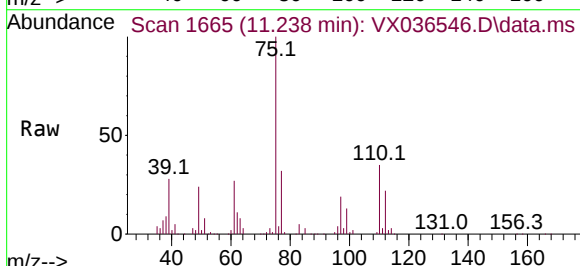
Tgt Ion: 83 Resp: 65330
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.8
85 64.5 32.4 97.0

Manual Integrations
APPROVED

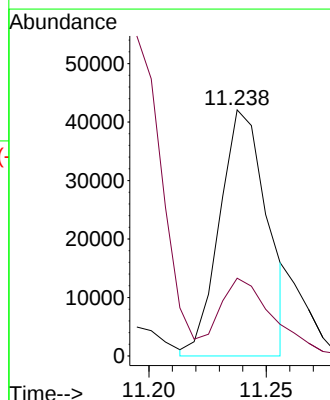
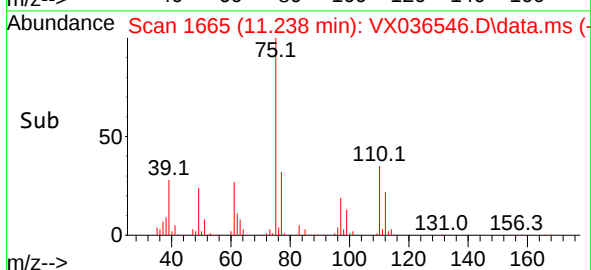
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

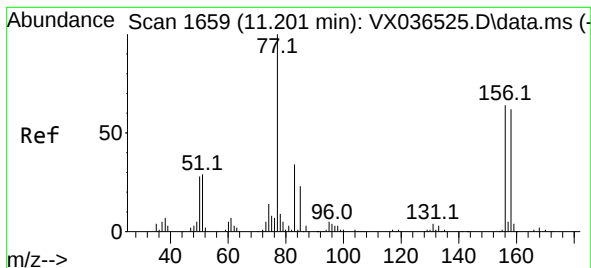


#72
1,2,3-Trichloropropane
Concen: 20.179 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48



Tgt Ion: 75 Resp: 59244
Ion Ratio Lower Upper
75 100
77 36.5 0.0 77.2





#73

Bromobenzene

Concen: 19.777 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX036546.D

Acq: 13 Jul 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

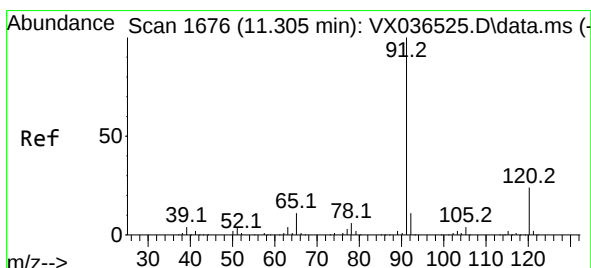
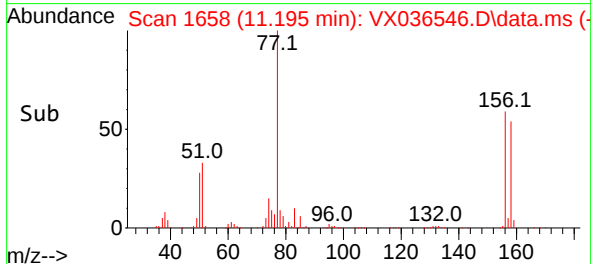
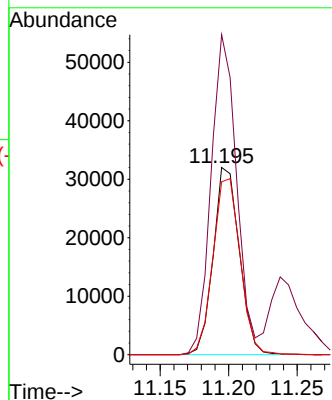
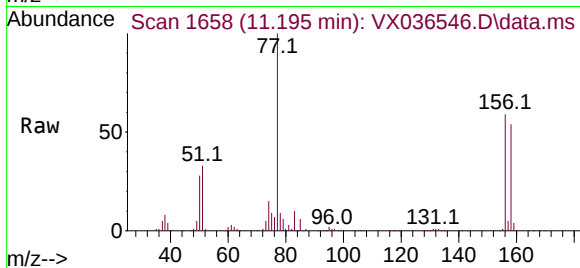
Tgt Ion:	156	Resp:	42430
Ion Ratio	Lower	Upper	
156	100		
77	166.1	0.0	333.0
158	98.2	0.0	196.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#74

n-propylbenzene

Concen: 18.317 ug/l

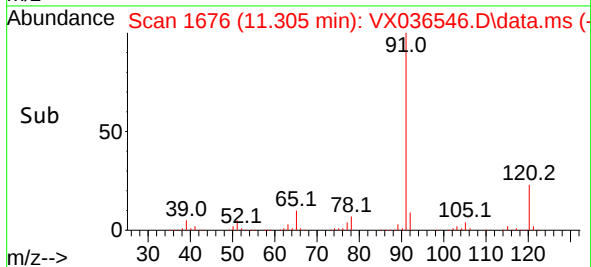
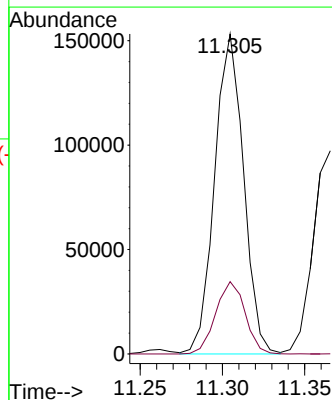
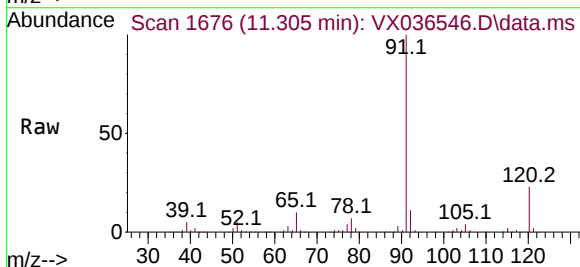
RT: 11.305 min Scan# 1676

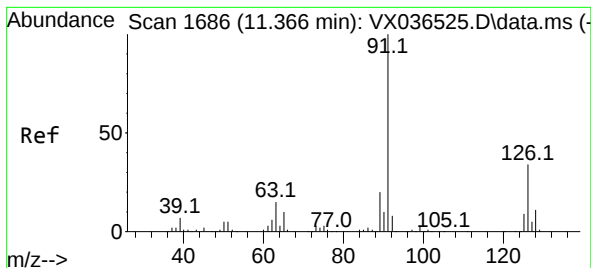
Delta R.T. -0.000 min

Lab File: VX036546.D

Acq: 13 Jul 2023 23:48

Tgt Ion:	91	Resp:	187136
Ion Ratio	Lower	Upper	
91	100		
120	23.0	0.0	46.6





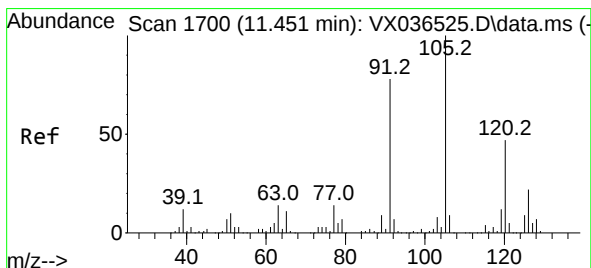
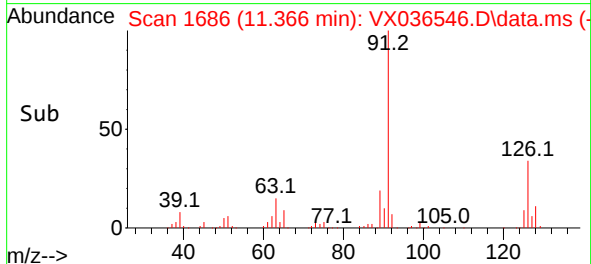
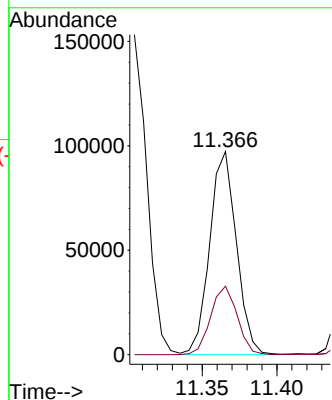
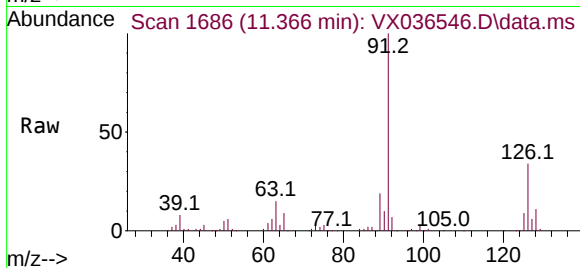
#75
2-Chlorotoluene
Concen: 19.498 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 121139
Ion Ratio Lower Upper
91 100
126 33.4 0.0 66.2

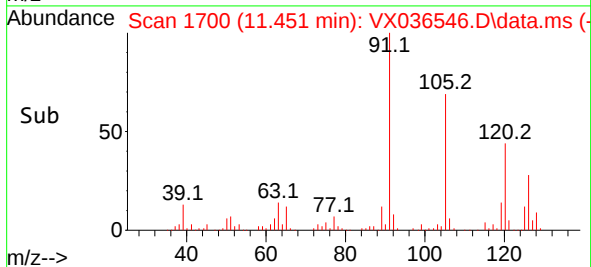
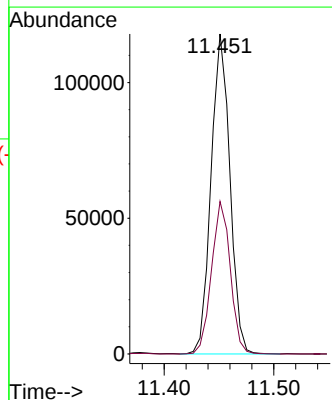
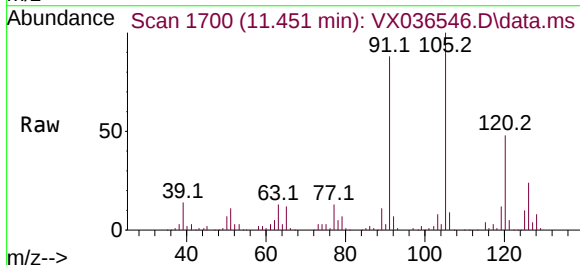
Manual Integrations
APPROVED

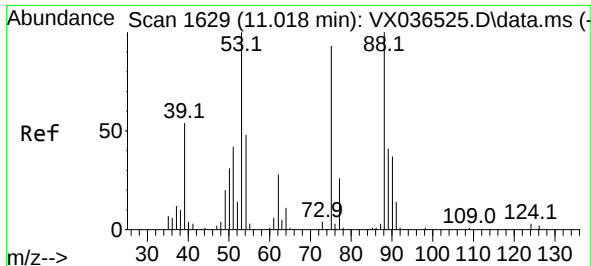
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#76
1,3,5-Trimethylbenzene
Concen: 18.859 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

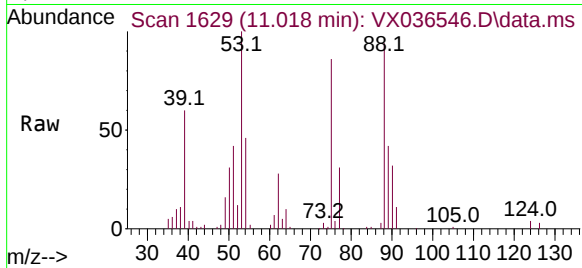
Tgt Ion:105 Resp: 140672
Ion Ratio Lower Upper
105 100
120 47.5 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 15.750 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

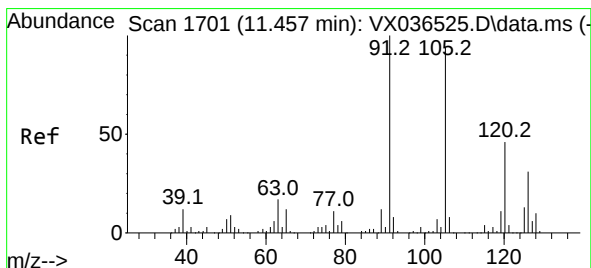
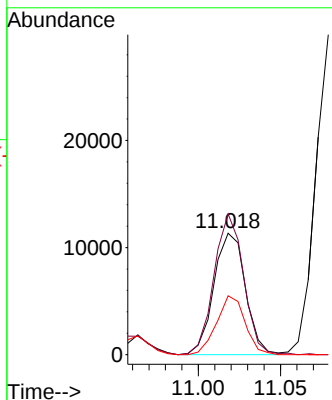
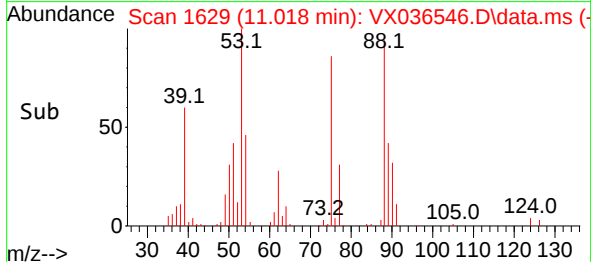
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 15184
Ion Ratio Lower Upper
75 100
53 116.0 53.9 161.7
89 48.5 22.1 66.1

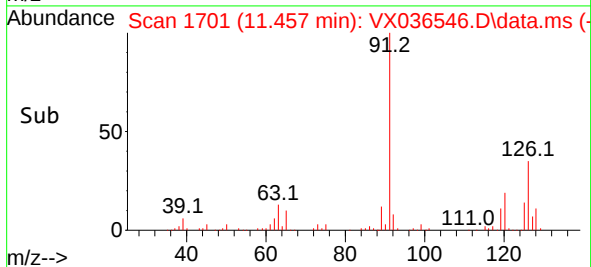
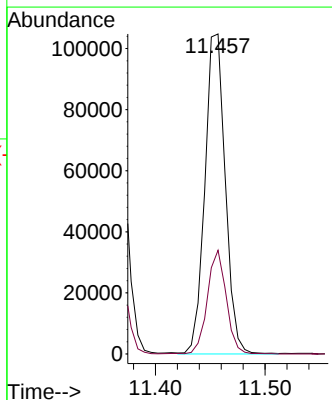
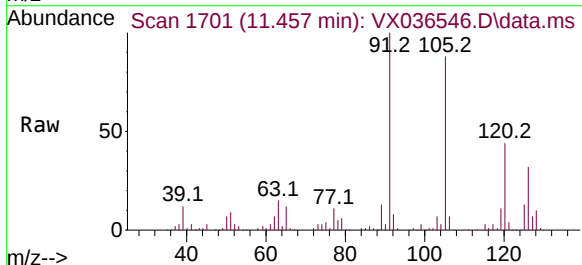
Manual Integrations
APPROVED

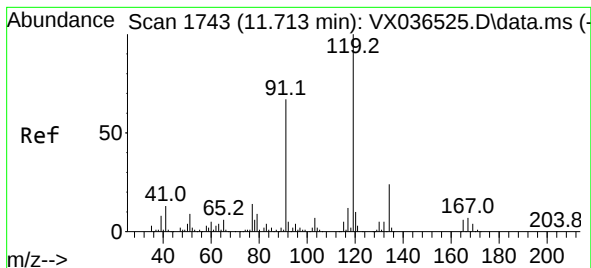
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#78
4-Chlorotoluene
Concen: 19.181 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

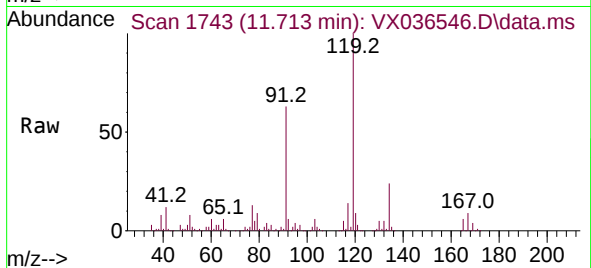
Tgt Ion: 91 Resp: 135684
Ion Ratio Lower Upper
91 100
126 29.9 0.0 59.4





#79
tert-butylbenzene
Concen: 18.046 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

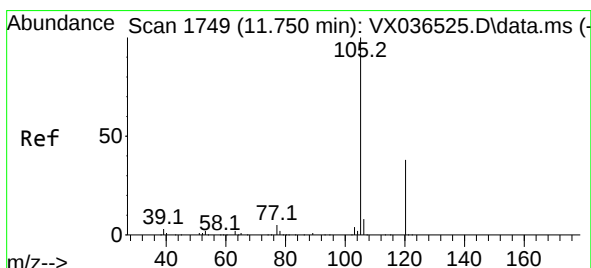
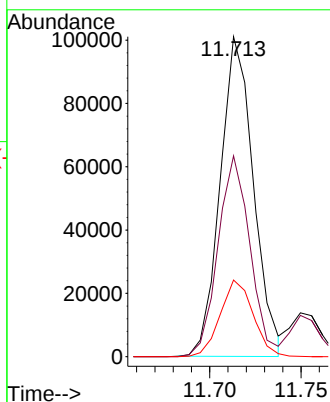
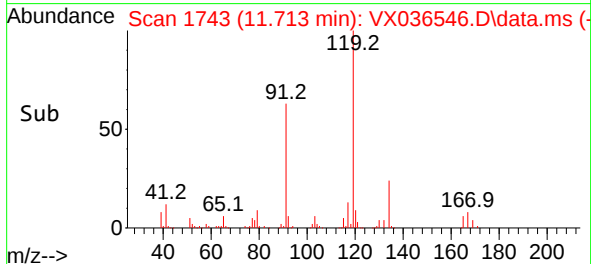
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



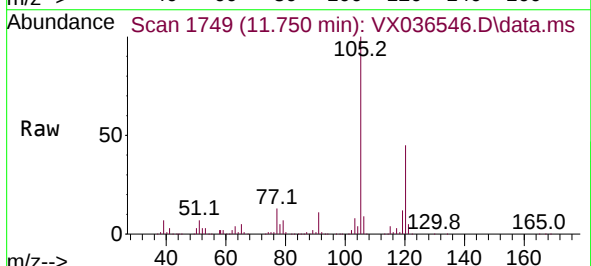
Tgt Ion:119 Resp: 127762
Ion Ratio Lower Upper
119 100
91 60.5 0.0 124.4
134 23.8 0.0 47.2

Manual Integrations
APPROVED

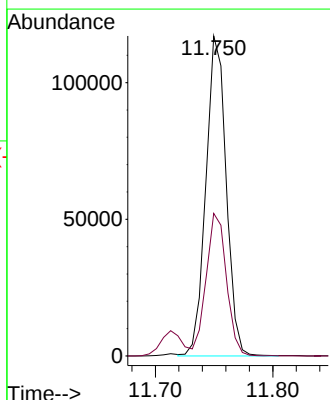
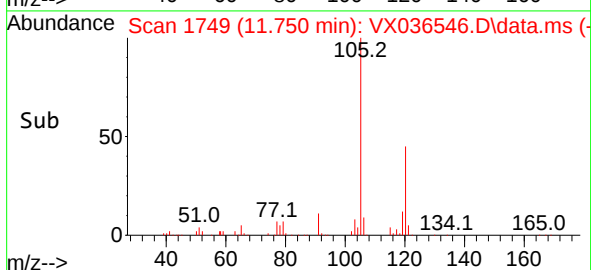
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

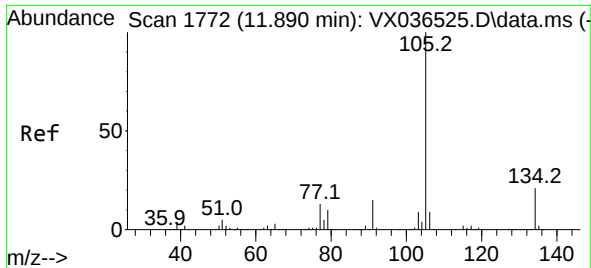


#80
1,2,4-Trimethylbenzene
Concen: 19.042 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48



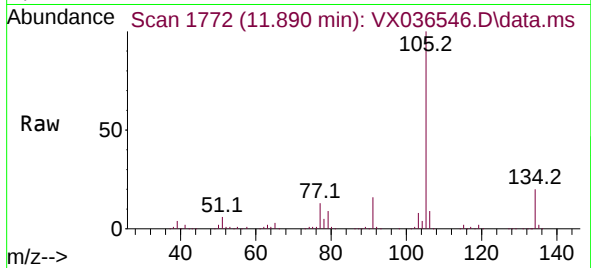
Tgt Ion:105 Resp: 140736
Ion Ratio Lower Upper
105 100
120 44.4 0.0 90.2





#81
 sec-Butylbenzene
 Concen: 17.809 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036546.D
 Acq: 13 Jul 2023 23:48

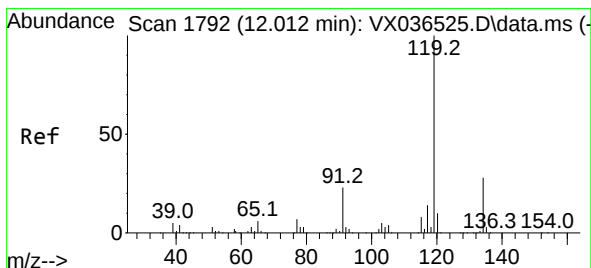
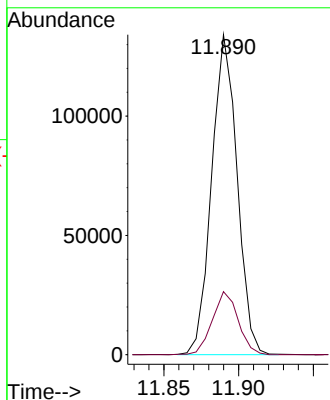
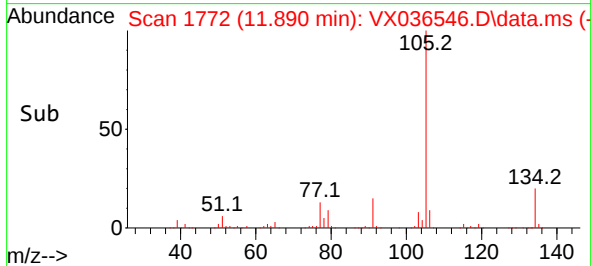
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



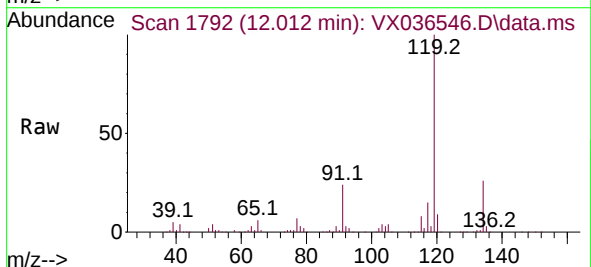
Tgt Ion:105 Resp: 158695
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 41.2

Manual Integrations
 APPROVED

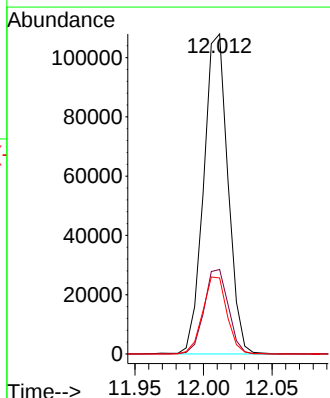
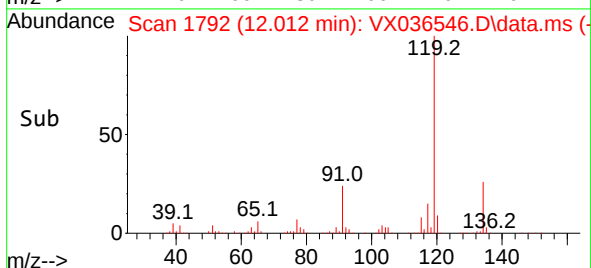
Reviewed By :John Carlone 07/14/2023
 Supervised By :Semsettin Yesilyurt 07/14/2023

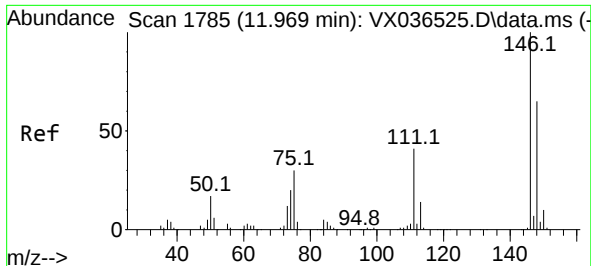


#82
 p-Isopropyltoluene
 Concen: 17.938 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX036546.D
 Acq: 13 Jul 2023 23:48



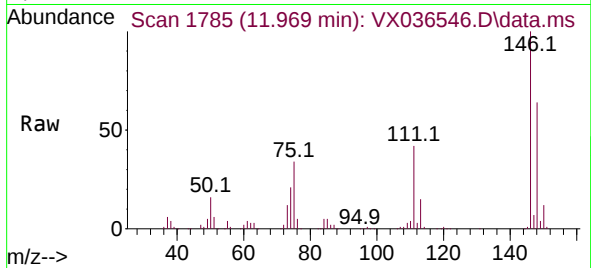
Tgt Ion:119 Resp: 132993
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 53.2
 91 24.0 0.0 49.4





#83
1,3-Dichlorobenzene
Concen: 18.901 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

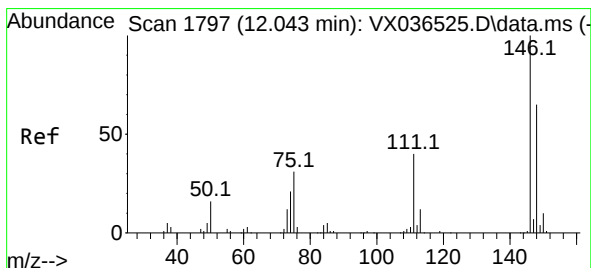
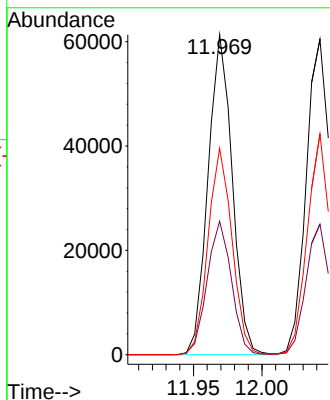
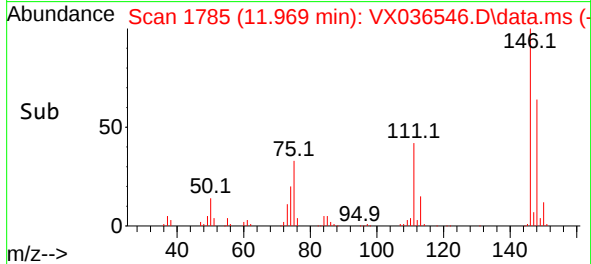
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



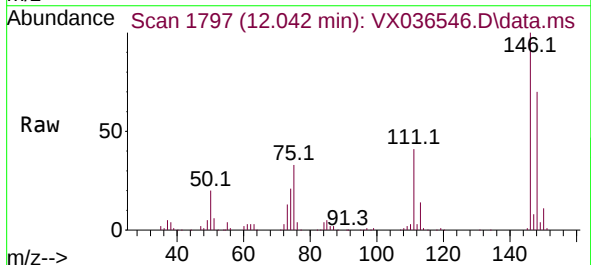
Tgt Ion:146 Resp: 75439
Ion Ratio Lower Upper
146 100
111 41.9 20.4 61.2
148 63.6 31.6 94.8

Manual Integrations
APPROVED

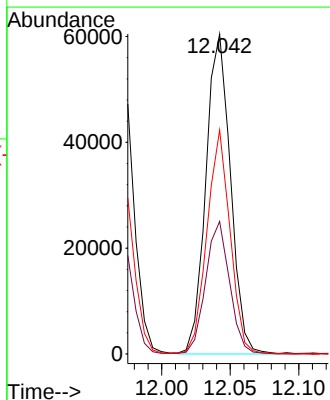
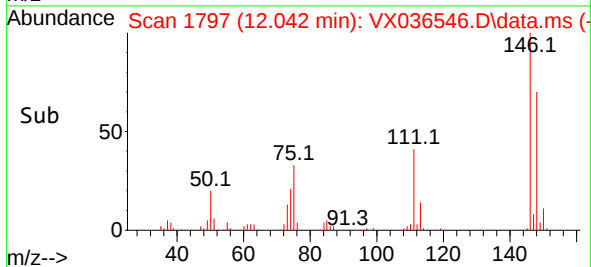
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

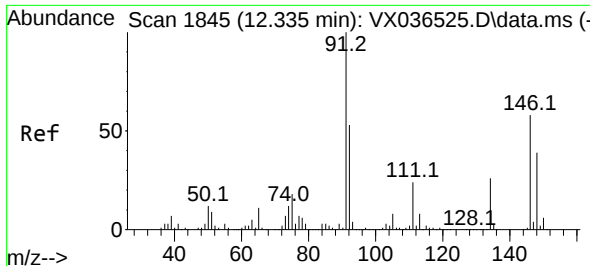


#84
1,4-Dichlorobenzene
Concen: 18.990 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48



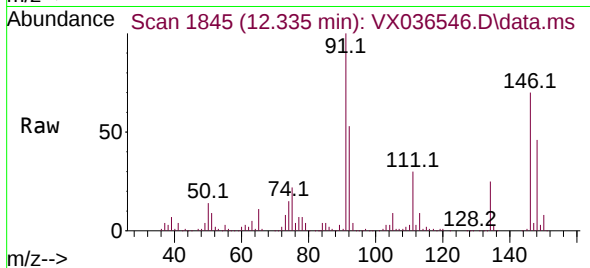
Tgt Ion:146 Resp: 75526
Ion Ratio Lower Upper
146 100
111 40.4 20.2 60.6
148 65.8 32.1 96.3





#85
n-Butylbenzene
Concen: 16.522 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

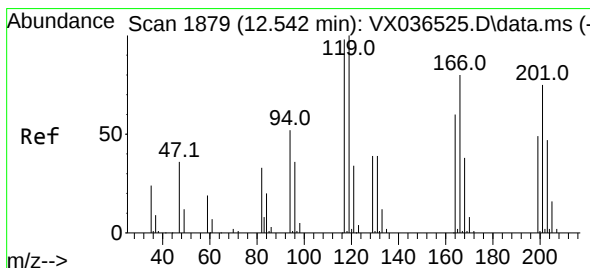
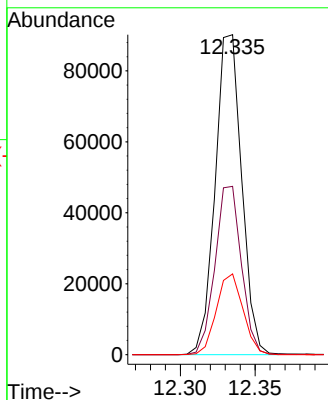
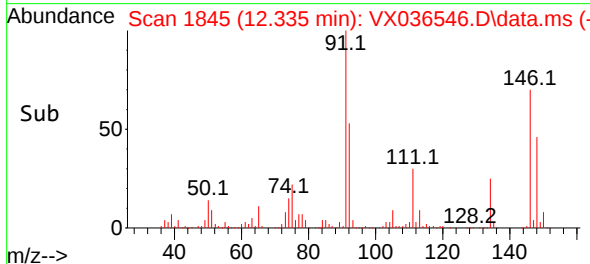
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 111504
Ion Ratio Lower Upper
91 100
92 52.0 0.0 105.2
134 25.3 0.0 51.4

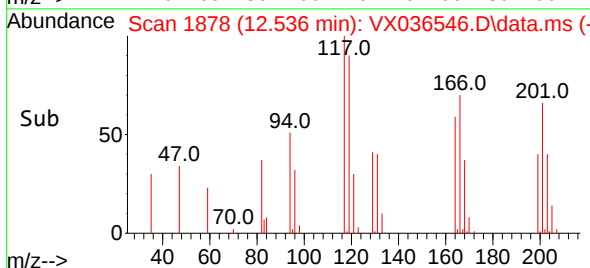
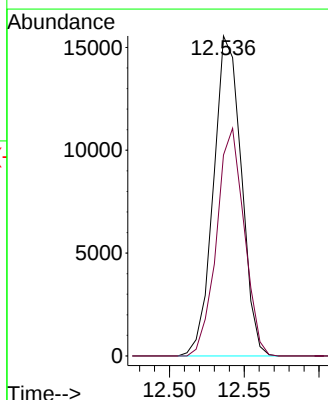
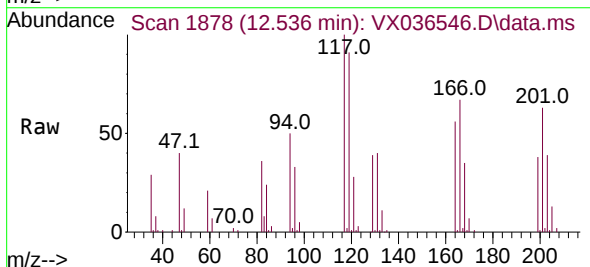
Manual Integrations
APPROVED

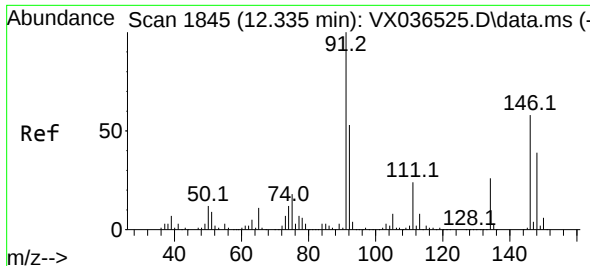
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#86
Hexachloroethane
Concen: 16.373 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

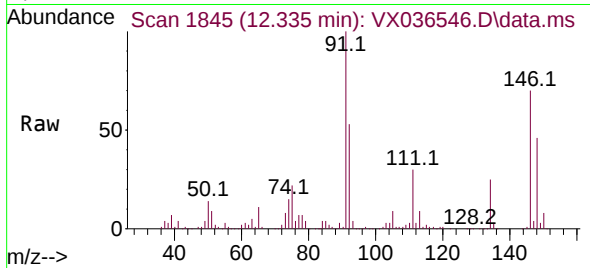
Tgt Ion:117 Resp: 20097
Ion Ratio Lower Upper
117 100
201 70.7 36.0 108.0





#87
1,2-Dichlorobenzene
Concen: 19.603 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

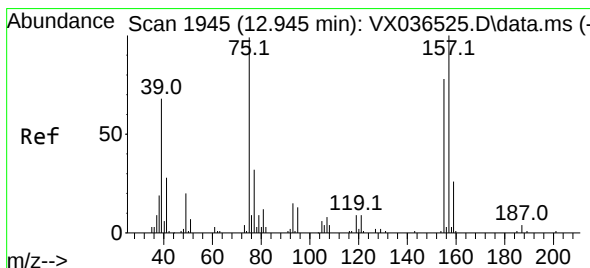
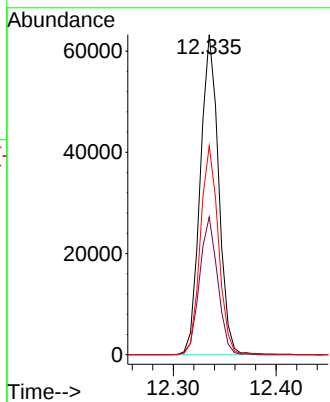
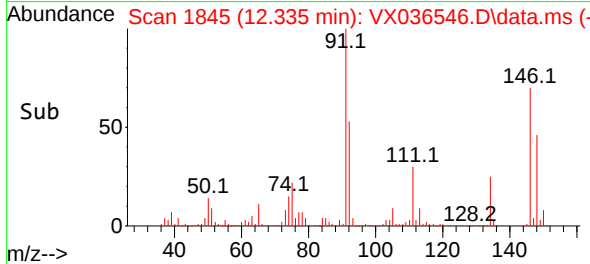
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



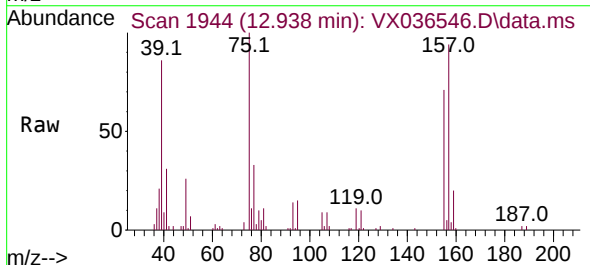
Tgt Ion:146 Resp: 78479
Ion Ratio Lower Upper
146 100
111 42.5 21.4 64.3
148 64.0 33.2 99.6

Manual Integrations
APPROVED

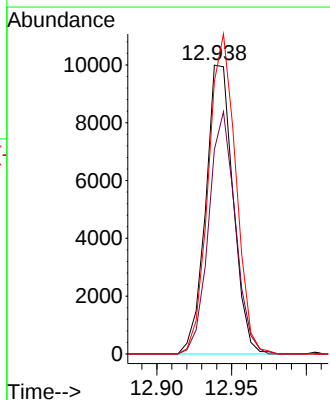
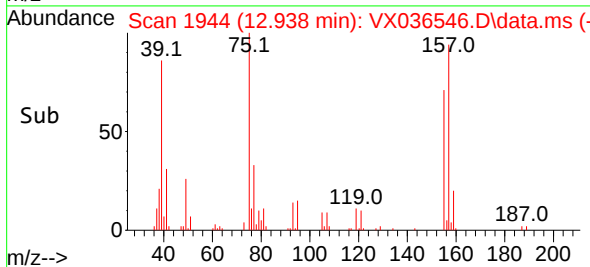
Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023

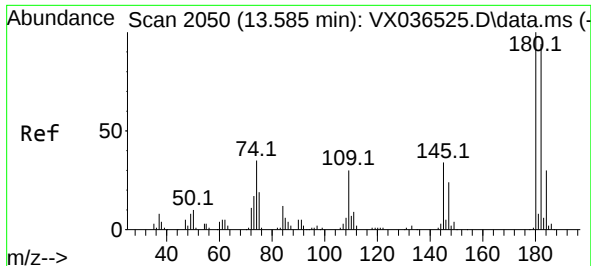


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.886 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48



Tgt Ion: 75 Resp: 12742
Ion Ratio Lower Upper
75 100
155 81.0 62.7 94.1
157 110.6 81.5 122.3





#89

1,2,4-Trichlorobenzene

Concen: 18.272 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036546.D

Acq: 13 Jul 2023 23:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

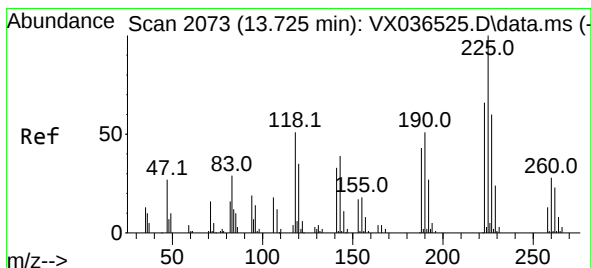
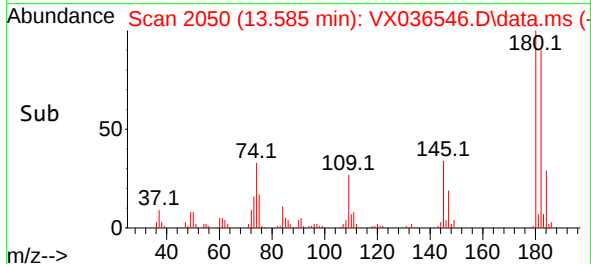
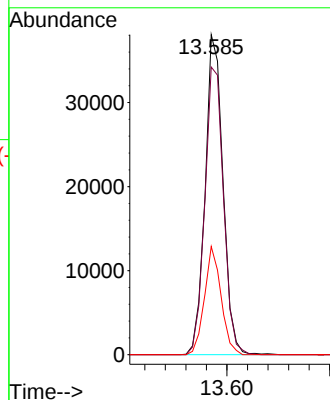
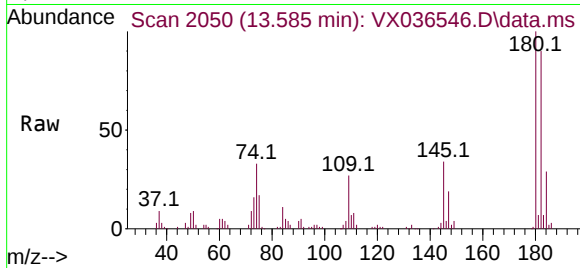
Tgt Ion:180	Resp:	4612
Ion Ratio	Lower	Upper
180	100	
182	93.8	75.6 113.4
145	31.4	25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/14/2023

Supervised By :Semsettin Yesilyurt 07/14/2023



#90

Hexachlorobutadiene

Concen: 16.518 ug/l

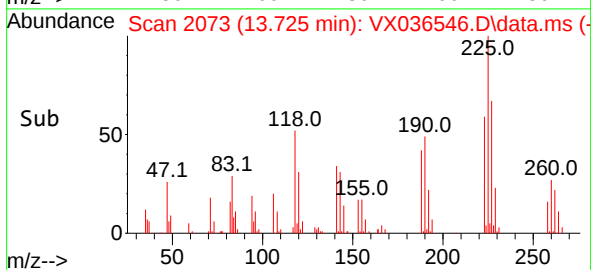
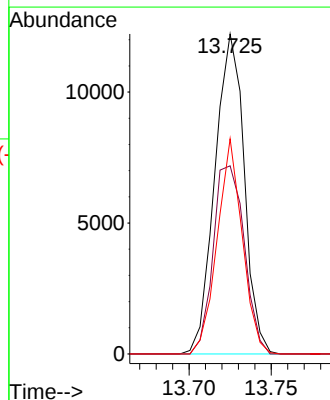
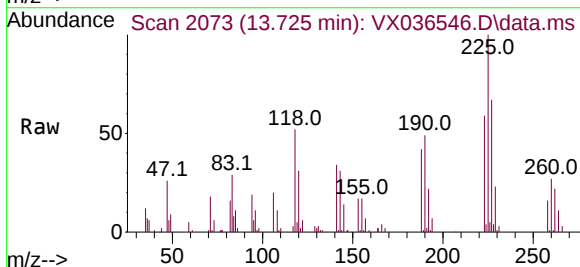
RT: 13.725 min Scan# 2073

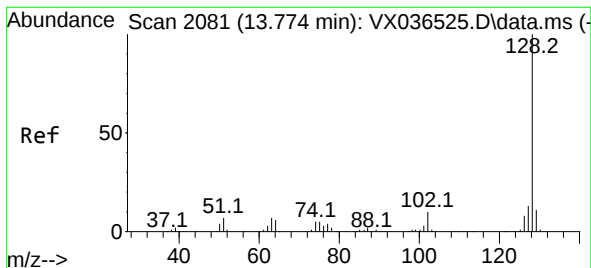
Delta R.T. -0.000 min

Lab File: VX036546.D

Acq: 13 Jul 2023 23:48

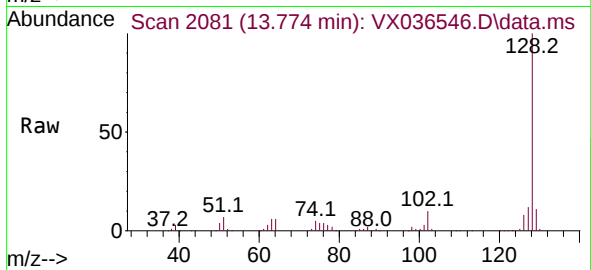
Tgt Ion:225	Resp:	15146
Ion Ratio	Lower	Upper
225	100	
223	62.4	0.0 124.2
227	57.7	0.0 120.4





#91
Naphthalene
Concen: 19.619 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48

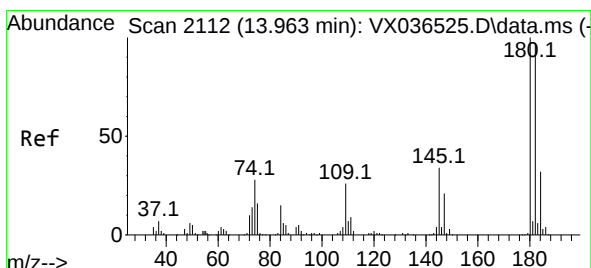
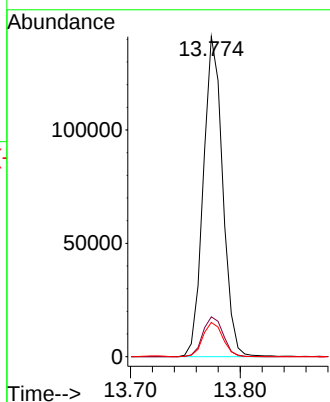
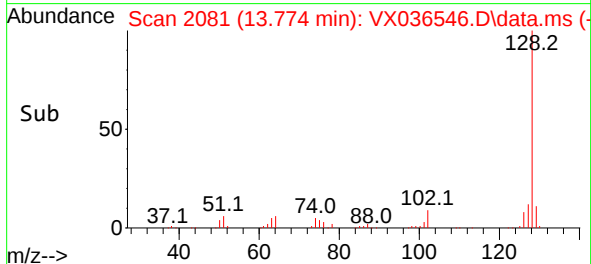
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



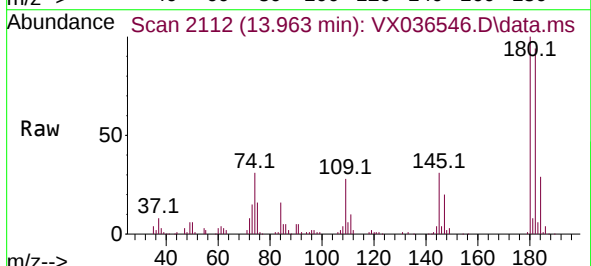
Tgt Ion:128 Resp: 173790
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/14/2023
Supervised By :Semsettin Yesilyurt 07/14/2023



#92
1,2,3-Trichlorobenzene
Concen: 18.642 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036546.D
Acq: 13 Jul 2023 23:48



Tgt Ion:180 Resp: 47503
Ion Ratio Lower Upper
180 100
182 94.0 0.0 190.6
145 33.6 0.0 66.8

