

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034762.D
 Acq On : 27 Mar 2023 20:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2023
 Supervised By : Semsettin Yesilyurt 03/28/2023

Quant Time: Mar 28 03:25:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	273332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	464145	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	413660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	208830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	206236	51.865	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.720%			
35) Dibromofluoromethane	5.385	113	157975	51.550	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.100%			
50) Toluene-d8	8.647	98	558588	48.828	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.660%			
62) 4-Bromofluorobenzene	11.079	95	225367	48.771	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	136389	53.525	ug/l	99
3) Chloromethane	1.294	50	165983	42.813	ug/l	99
4) Vinyl Chloride	1.374	62	167409	48.250	ug/l	96
5) Bromomethane	1.611	94	104435	59.656	ug/l	100
6) Chloroethane	1.685	64	107949	54.036	ug/l	97
7) Trichlorofluoromethane	1.886	101	272875	52.341	ug/l	98
8) Diethyl Ether	2.130	74	99503	52.283	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	149380	49.166	ug/l	99
10) Methyl Iodide	2.453	142	182018	45.630	ug/l	96
11) Tert butyl alcohol	2.977	59	200934m	242.656	ug/l	
12) 1,1-Dichloroethene	2.319	96	142815	47.728	ug/l	95
13) Acrolein	2.233	56	133084	203.158	ug/l	97
14) Allyl chloride	2.666	41	290873	47.948	ug/l	96
15) Acrylonitrile	3.062	53	458276	256.197	ug/l	99
16) Acetone	2.386	43	397888	212.423	ug/l	99
17) Carbon Disulfide	2.514	76	354536	42.102	ug/l	99
18) Methyl Acetate	2.703	43	335447	54.808	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	553644	51.676	ug/l	98
20) Methylene Chloride	2.788	84	169983	46.759	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	158892	50.001	ug/l	98
22) Diisopropyl ether	3.757	45	590072	51.017	ug/l	94
23) Vinyl Acetate	3.721	43	2234880	253.888	ug/l	99
24) 1,1-Dichloroethane	3.611	63	315797	50.792	ug/l	99
25) 2-Butanone	4.556	43	657330	245.260	ug/l	99
26) 2,2-Dichloropropane	4.477	77	256578	47.475	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	191509	50.062	ug/l	99
28) Bromochloromethane	4.898	49	123342	42.665	ug/l	99
29) Tetrahydrofuran	5.001	42	423857	256.292	ug/l	99
30) Chloroform	5.093	83	320056	52.515	ug/l	98
31) Cyclohexane	5.471	56	275741	49.445	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	283485	52.543	ug/l	100
36) 1,1-Dichloropropene	5.690	75	237463	50.450	ug/l	99
37) Ethyl Acetate	4.709	43	265940	51.718	ug/l	99
38) Carbon Tetrachloride	5.678	117	233661	49.901	ug/l	98
39) Methylcyclohexane	7.379	83	259742	46.112	ug/l	94
40) Benzene	6.038	78	679528	49.351	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	147682	52.405	ug/l	98
42) 1,2-Dichloroethane	6.086	62	272557	53.860	ug/l	98
43) Isopropyl Acetate	6.336	43	452675	51.965	ug/l	100
44) Trichloroethene	7.123	130	176550	49.348	ug/l	98
45) 1,2-Dichloropropane	7.428	63	182986	50.896	ug/l	97
46) Dibromomethane	7.580	93	123900	50.690	ug/l	98
47) Bromodichloromethane	7.824	83	239568	50.643	ug/l	99
48) Methyl methacrylate	7.690	41	217256	51.856	ug/l	98
49) 1,4-Dioxane	7.696	88	82940	942.529	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1320406	261.290	ug/l	99
52) Toluene	8.720	92	430074	50.450	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	269934	50.650	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	289483	50.206	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	176157	52.069	ug/l	98
56) Ethyl methacrylate	9.116	69	289099	52.045	ug/l	99
57) 1,3-Dichloropropane	9.305	76	302986	50.390	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	654518	228.636	ug/l	100
59) 2-Hexanone	9.427	43	992473	254.066	ug/l	99
60) Dibromochloromethane	9.519	129	178425	50.285	ug/l	99
61) 1,2-Dibromoethane	9.610	107	183860	50.362	ug/l	100
64) Tetrachloroethene	9.275	164	148843	53.566	ug/l	97
65) Chlorobenzene	10.079	112	452986	49.910	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	167150	50.566	ug/l	99
67) Ethyl Benzene	10.195	91	834161	51.339	ug/l	99
68) m/p-Xylenes	10.299	106	629521	100.859	ug/l	98
69) o-Xylene	10.640	106	312222	49.846	ug/l	99
70) Styrene	10.653	104	517880	51.246	ug/l	100
71) Bromoform	10.799	173	122139	48.001	ug/l #	100
73) Isopropylbenzene	10.963	105	811830	50.299	ug/l	100
74) N-amyl acetate	10.842	43	395661	51.181	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	267743	49.712	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	227237m	47.391	ug/l	
77) Bromobenzene	11.195	156	191979	49.577	ug/l	99
78) n-propylbenzene	11.305	91	949359	50.931	ug/l	99
79) 2-Chlorotoluene	11.366	91	581322	50.497	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	683926	50.520	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	81284	45.860	ug/l	94
82) 4-Chlorotoluene	11.451	91	680731	51.337	ug/l	100
83) tert-Butylbenzene	11.713	119	659504	48.317	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	694726	50.213	ug/l	99
85) sec-Butylbenzene	11.890	105	804970	48.240	ug/l	100
86) p-Isopropyltoluene	12.006	119	680192	48.501	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	371334	48.942	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	373451	48.678	ug/l	100
89) n-Butylbenzene	12.329	91	590287	47.346	ug/l	99
90) Hexachloroethane	12.536	117	114643	44.178	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	360149	49.118	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62523	51.095	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	223474	48.737	ug/l	99
94) Hexachlorobutadiene	13.725	225	87376	47.300	ug/l	99
95) Naphthalene	13.774	128	788023	51.250	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	215360	48.048	ug/l	99

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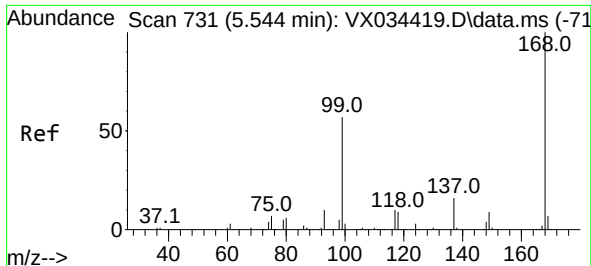
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



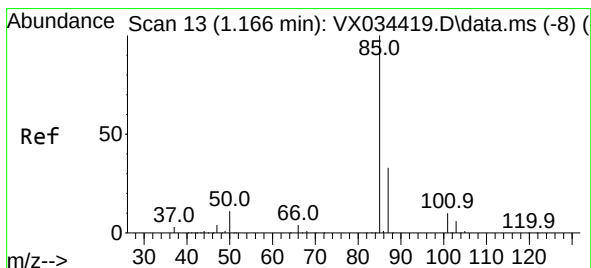
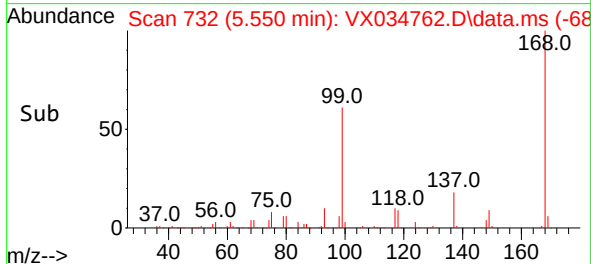
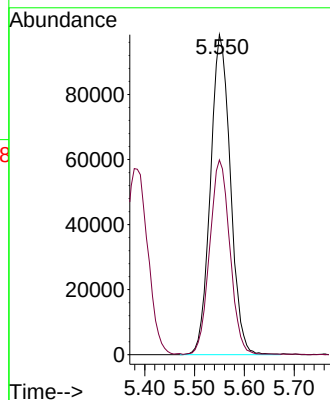
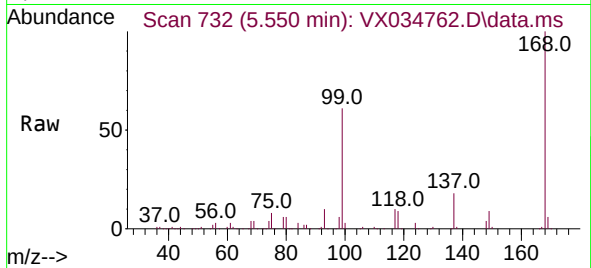
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 27333
Ion Ratio Lower Upper
168 100
99 60.7 45.7 68.5

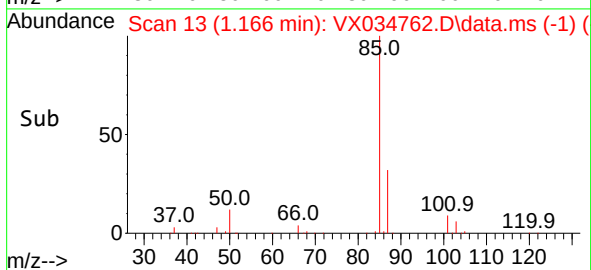
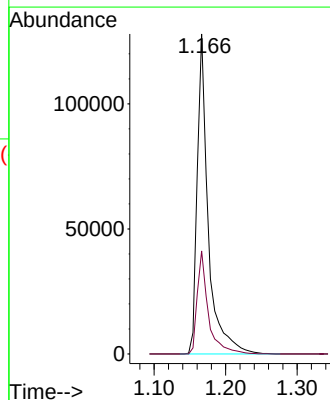
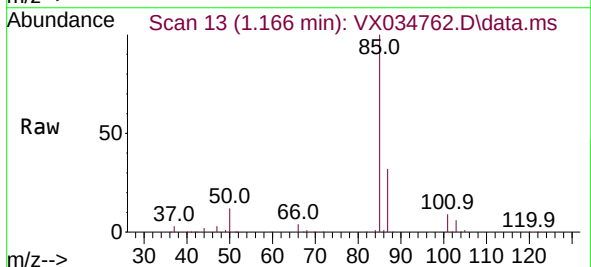
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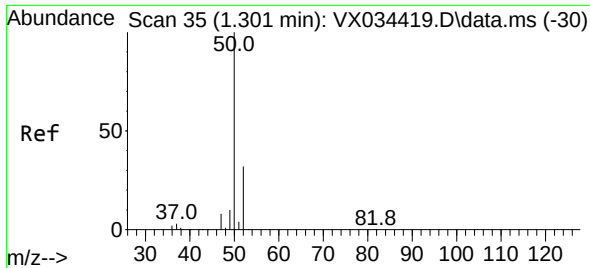
Reviewed By :John Carlone 03/28/2023
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#2
Dichlorodifluoromethane
Concen: 53.525 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Tgt Ion: 85 Resp: 136389
Ion Ratio Lower Upper
85 100
87 32.2 16.4 49.1





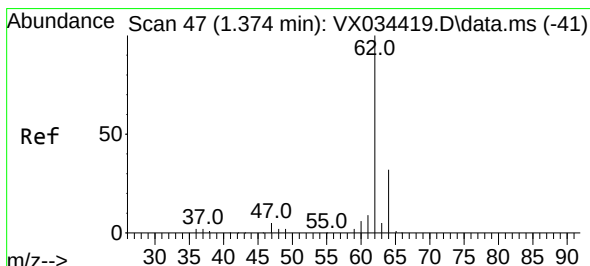
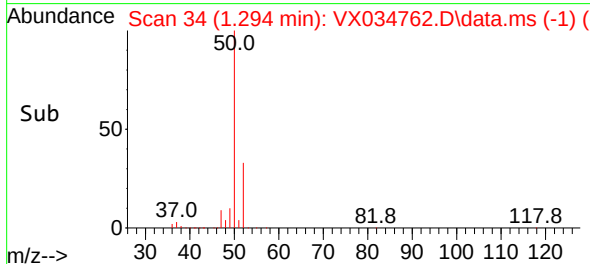
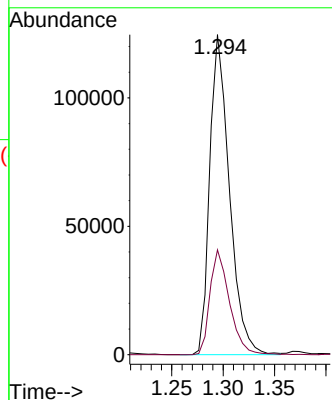
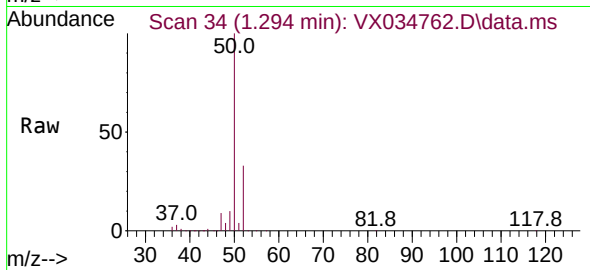
#3
Chloromethane
Concen: 42.813 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 16598
Ion Ratio Lower Upper
50 100
52 32.7 25.9 38.9

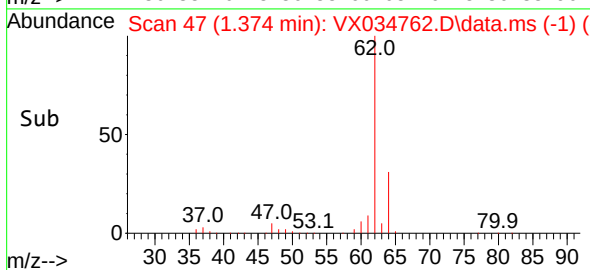
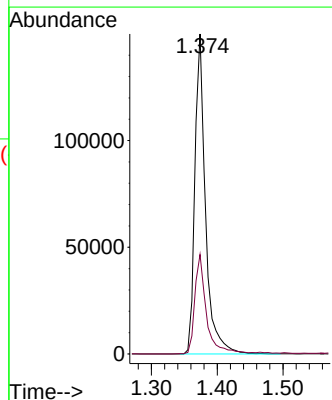
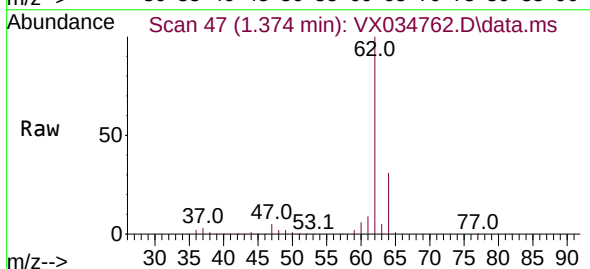
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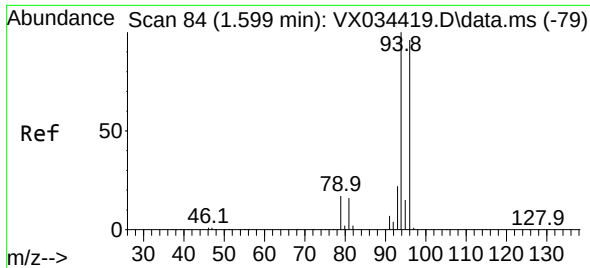
Reviewed By :John Carlone 03/28/2023
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#4
Vinyl Chloride
Concen: 48.250 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

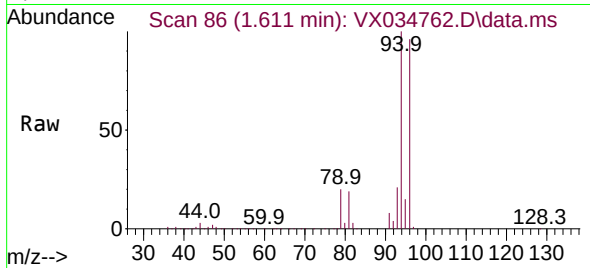
Tgt Ion: 62 Resp: 167409
Ion Ratio Lower Upper
62 100
64 31.0 26.4 39.6





#5
Bromomethane
Concen: 59.656 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

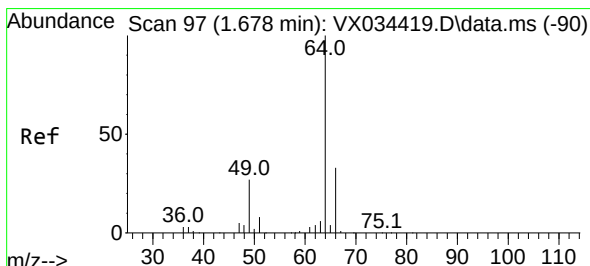
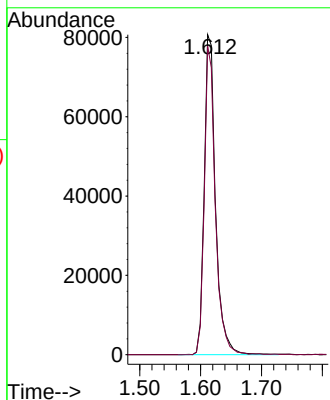
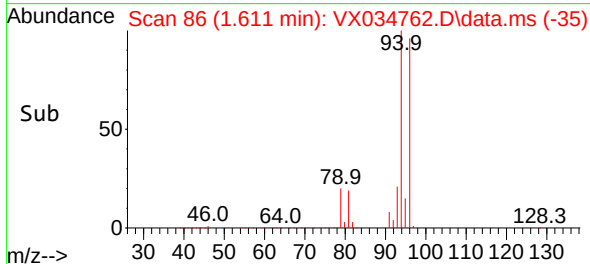
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Tgt Ion: 94 Resp: 10443
Ion Ratio Lower Upper
94 100
96 96.4 77.0 115.6

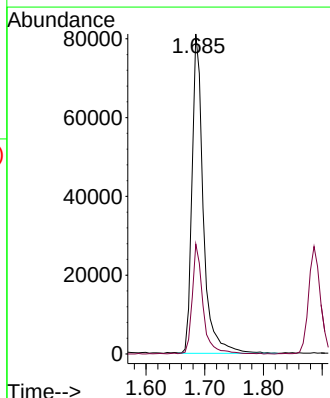
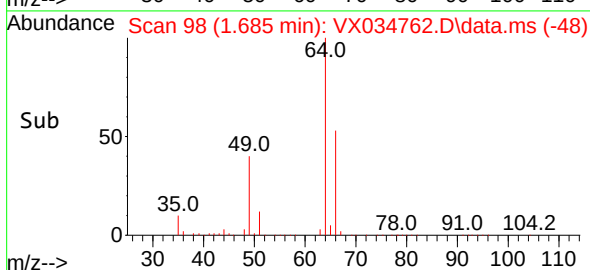
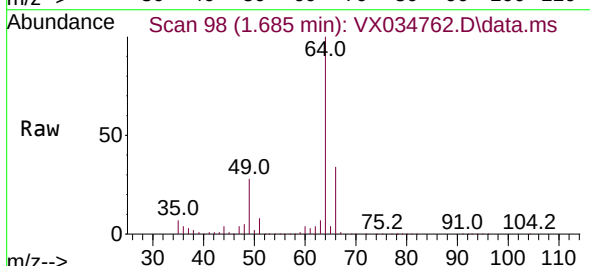
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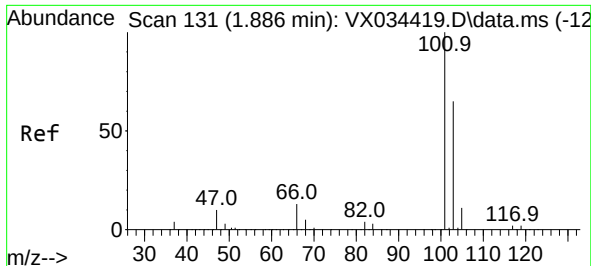
Reviewed By :John Carlone 03/28/2023
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#6
Chloroethane
Concen: 54.036 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX034762.D
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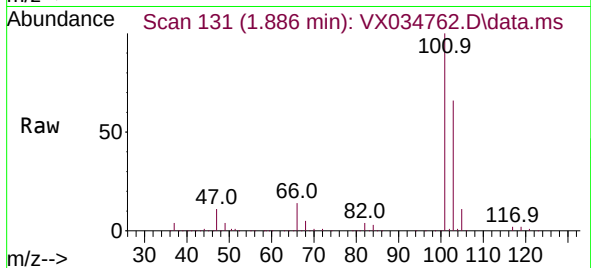
Tgt Ion: 64 Resp: 107949
Ion Ratio Lower Upper
64 100
66 34.3 26.2 39.4





#7
Trichlorofluoromethane
Concen: 52.341 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

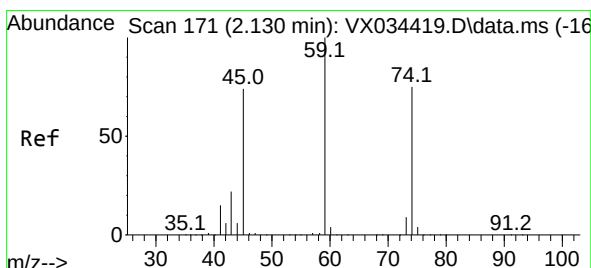
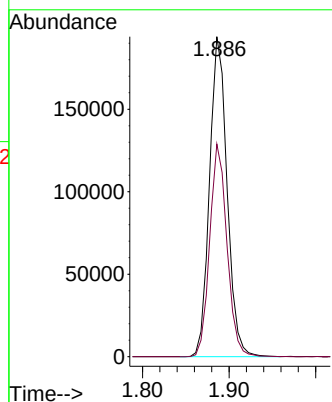
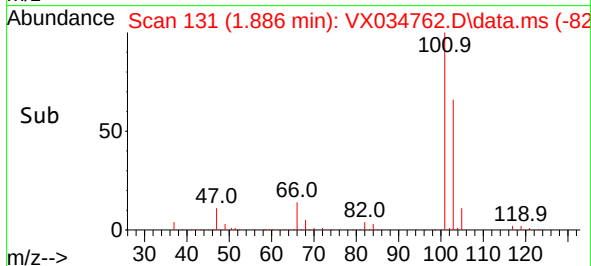
Instrument :
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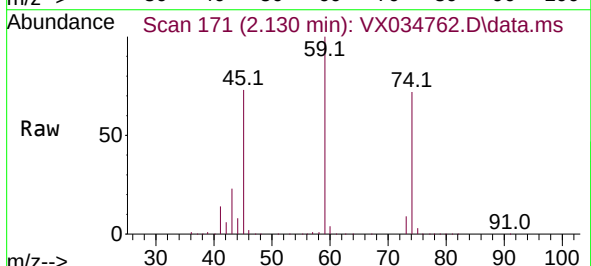
Tgt Ion:101 Resp: 272875
Ion Ratio Lower Upper
101 100
103 66.4 52.0 78.0

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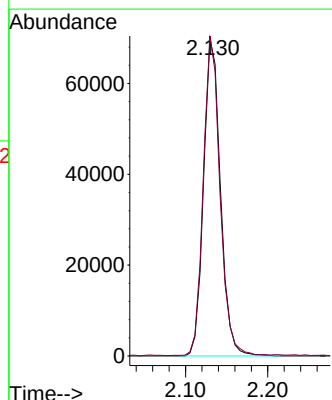
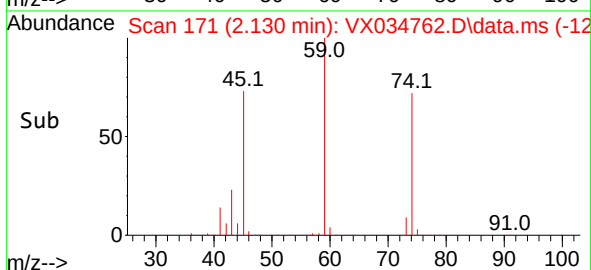
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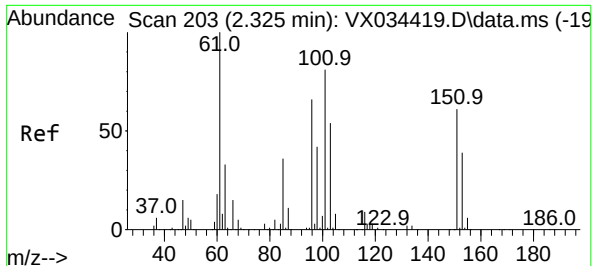


#8
Diethyl Ether
Concen: 52.283 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
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Acq: 27 Mar 2023 20:04



Tgt Ion: 74 Resp: 99503
Ion Ratio Lower Upper
74 100
45 99.9 49.8 149.3





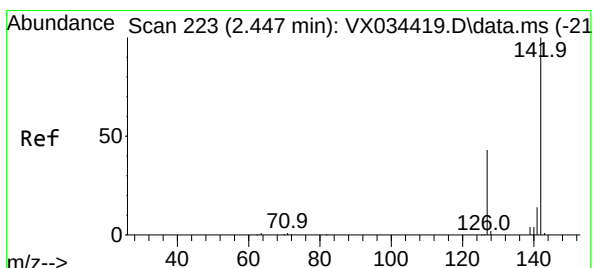
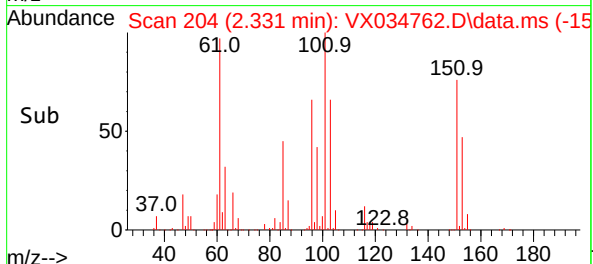
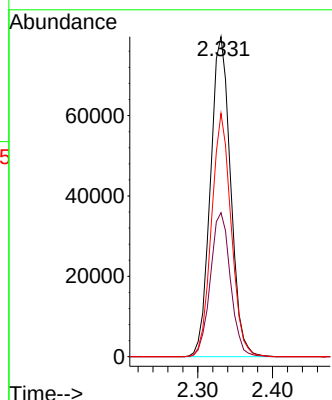
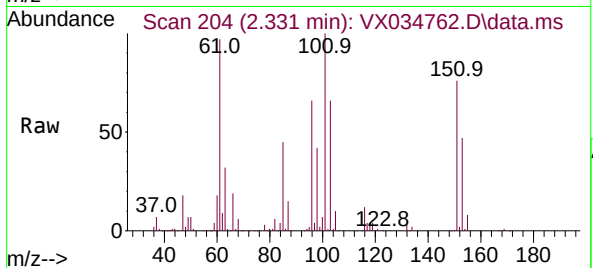
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1,1,2-Trichlorotrifluoroethane
Concen: 49.166 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 149380
Ion Ratio Lower Upper
101 100
85 44.8 35.4 53.2
151 74.0 60.2 90.4

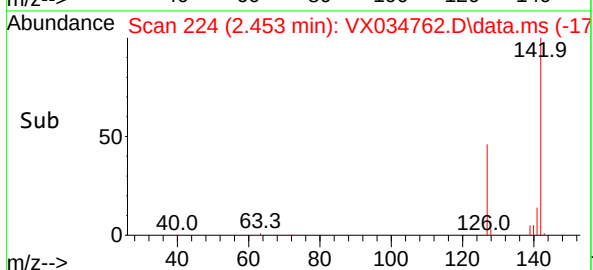
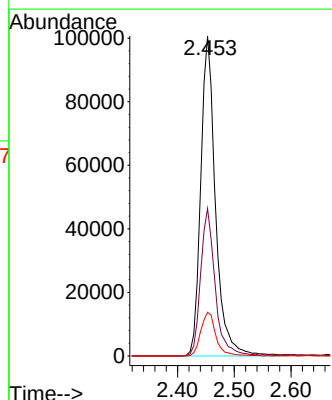
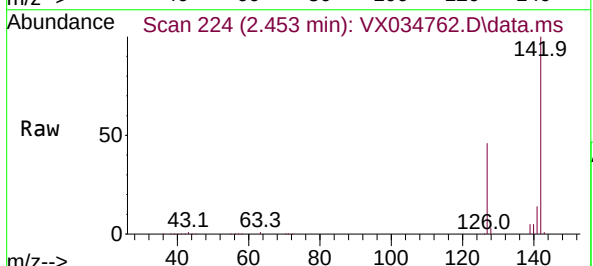
Manual Integrations
APPROVED

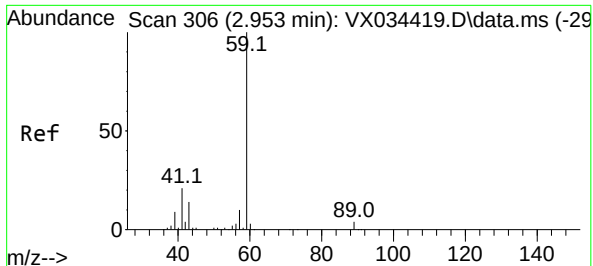
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#10
Methyl Iodide
Concen: 45.630 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

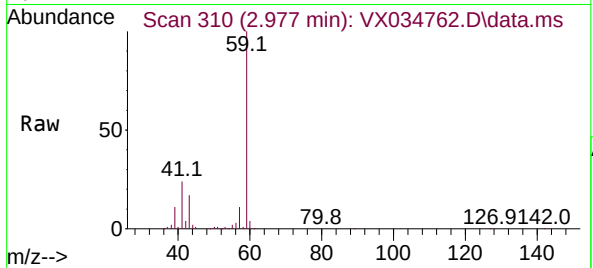
Tgt Ion:142 Resp: 182018
Ion Ratio Lower Upper
142 100
127 45.5 34.0 51.0
141 14.0 11.1 16.7





#11
Tert butyl alcohol
Concen: 242.656 ug/l m
RT: 2.977 min Scan# 310
Delta R.T. 0.024 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

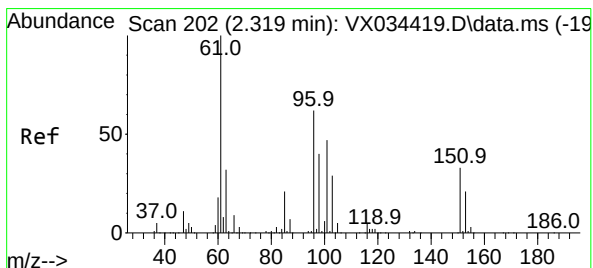
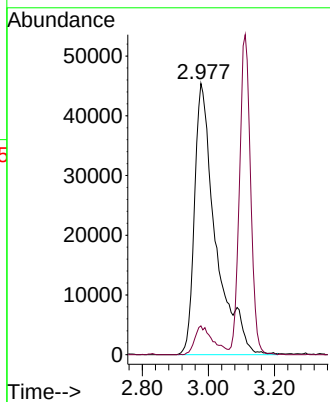
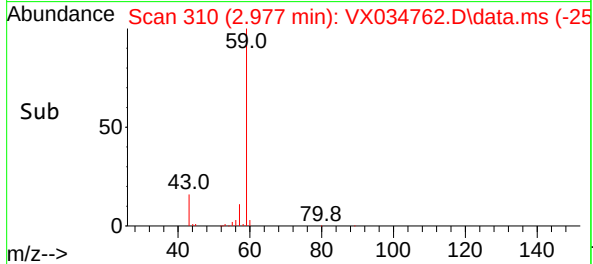
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 200934
Ion Ratio Lower Upper
59 100
57 9.3 8.1 12.1

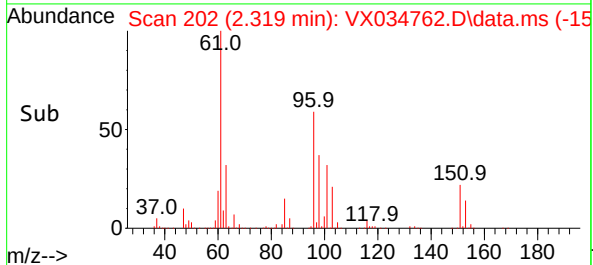
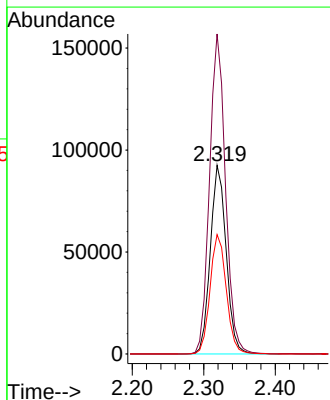
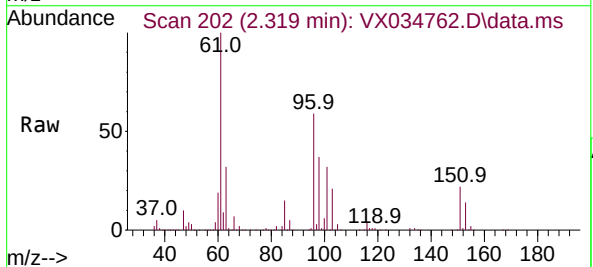
Manual Integrations
APPROVED

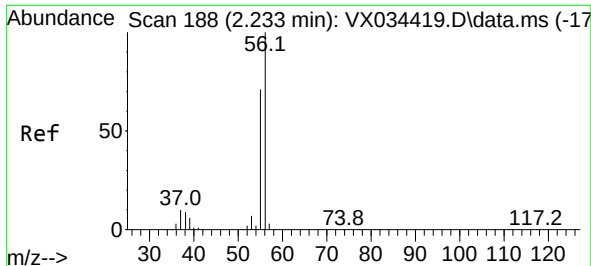
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#12
1,1-Dichloroethene
Concen: 47.728 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

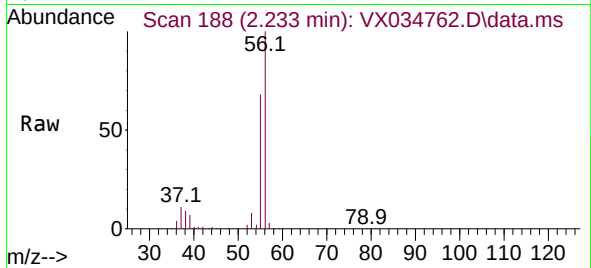
Tgt Ion: 96 Resp: 142815
Ion Ratio Lower Upper
96 100
61 169.7 128.8 193.2
98 63.3 51.4 77.0





#13
Acrolein
Concen: 203.158 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

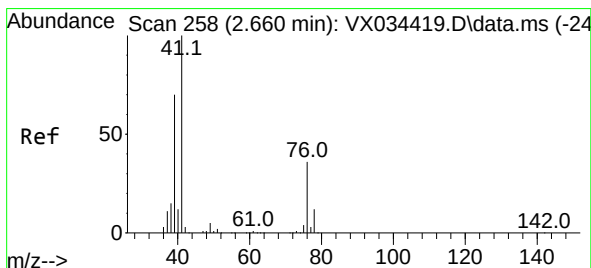
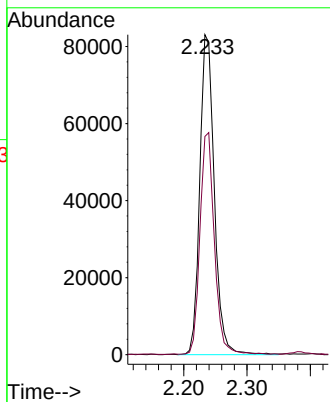
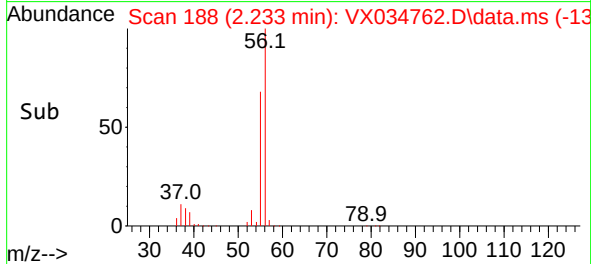
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 133084
Ion Ratio Lower Upper
56 100
55 68.3 56.6 85.0

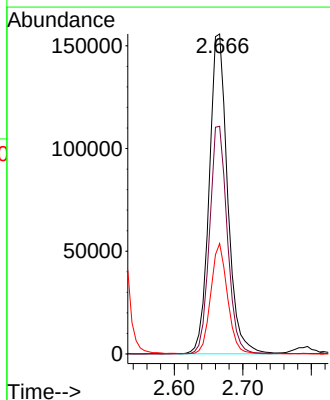
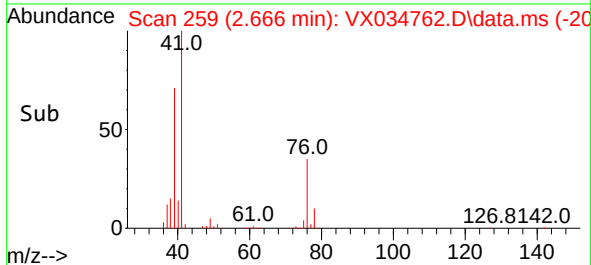
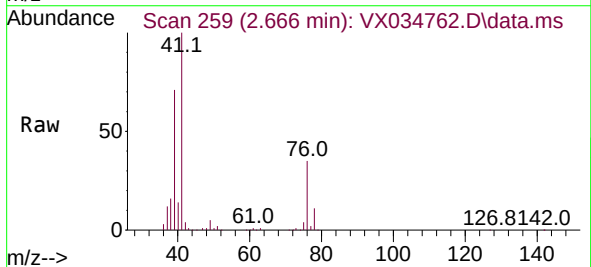
Manual Integrations
APPROVED

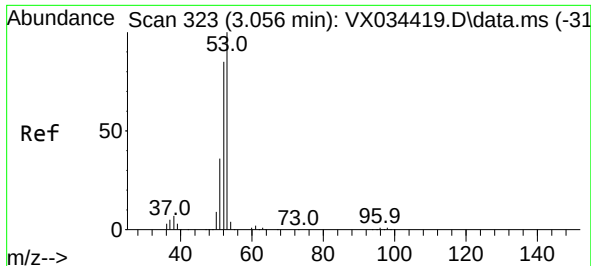
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#14
Allyl chloride
Concen: 47.948 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

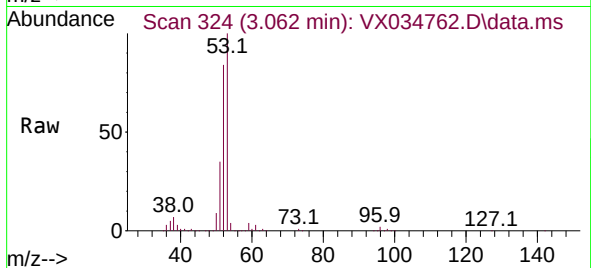
Tgt Ion: 41 Resp: 290873
Ion Ratio Lower Upper
41 100
39 68.8 52.4 78.6
76 31.2 26.0 39.0





#15
Acrylonitrile
Concen: 256.197 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

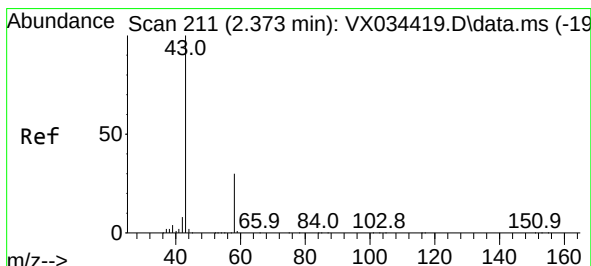
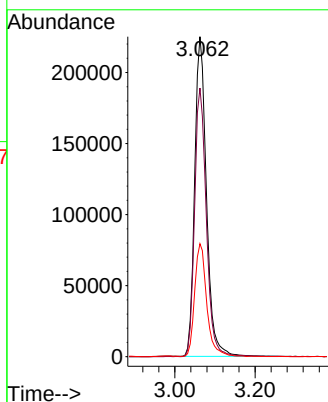
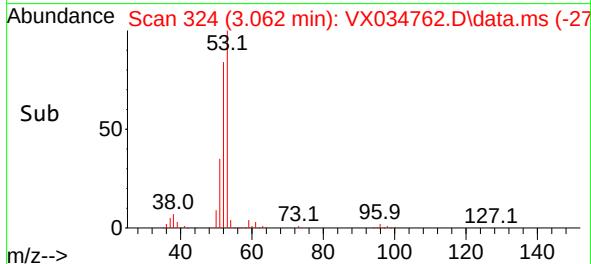
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



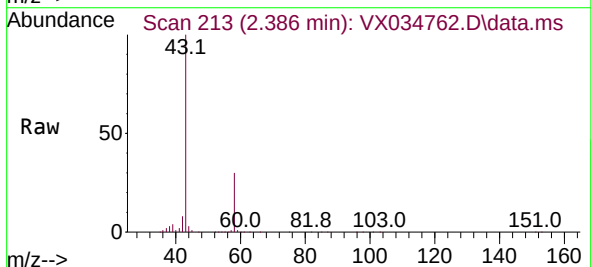
Tgt Ion: 53 Resp: 458270
Ion Ratio Lower Upper
53 100
52 83.9 66.2 99.2
51 36.1 28.3 42.5

Manual Integrations
APPROVED

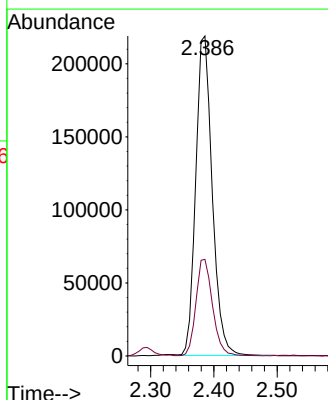
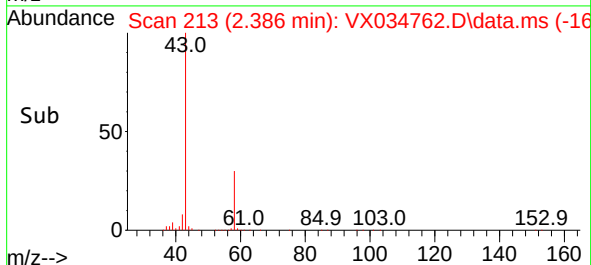
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

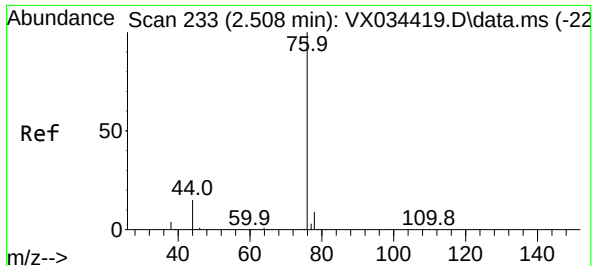


#16
Acetone
Concen: 212.423 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04



Tgt Ion: 43 Resp: 397888
Ion Ratio Lower Upper
43 100
58 30.2 24.7 37.1





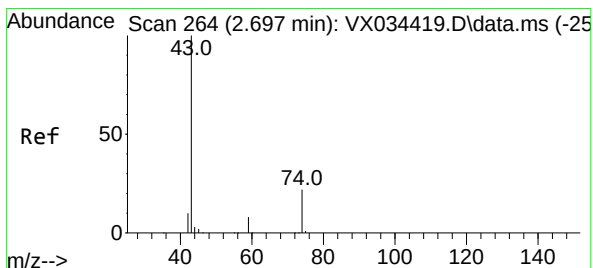
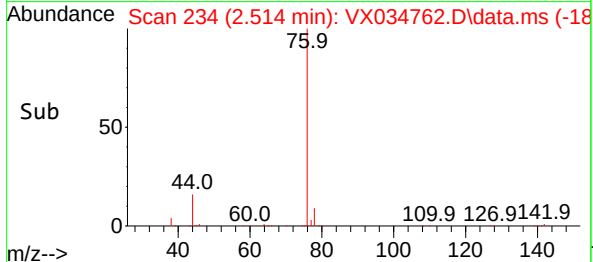
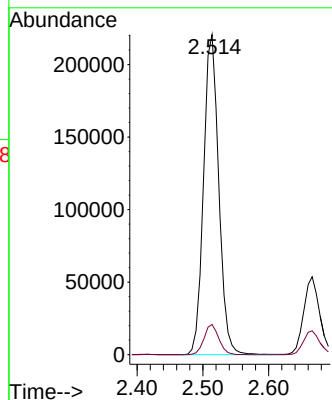
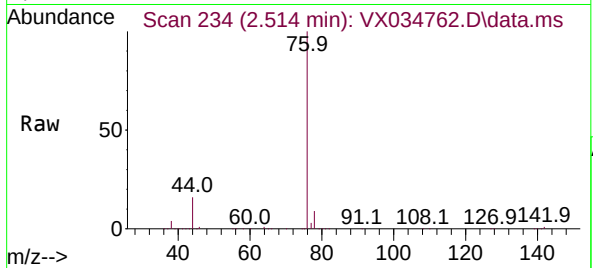
#17
Carbon Disulfide
Concen: 42.102 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 354530
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

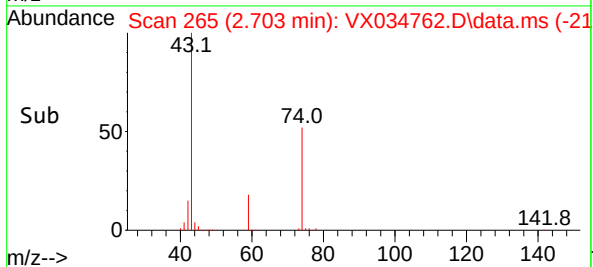
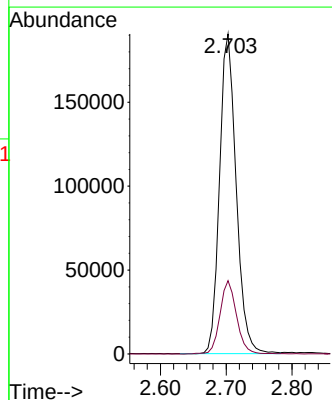
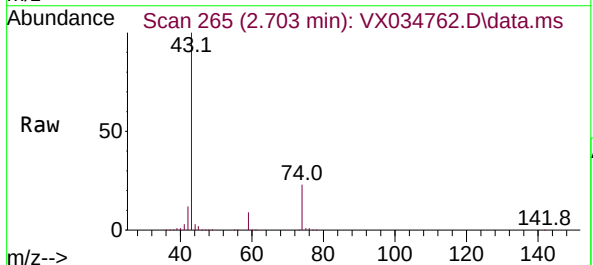
Manual Integrations
APPROVED

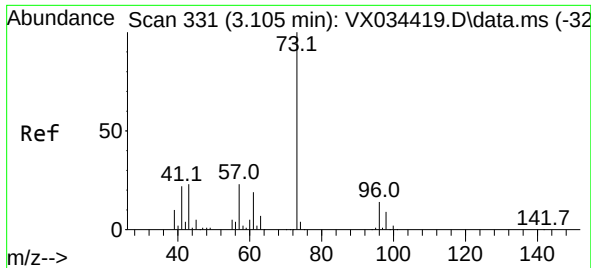
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#18
Methyl Acetate
Concen: 54.808 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Tgt Ion: 43 Resp: 335447
Ion Ratio Lower Upper
43 100
74 22.9 18.3 27.5





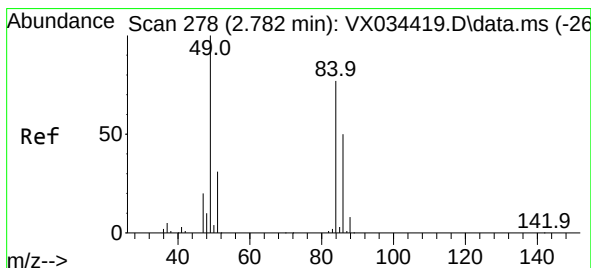
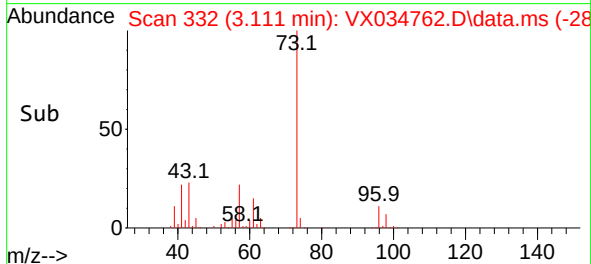
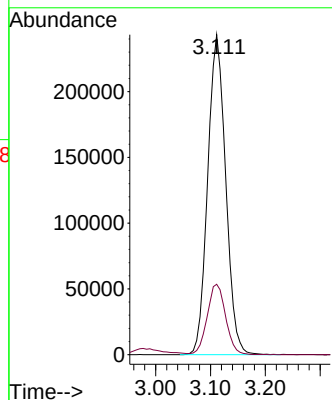
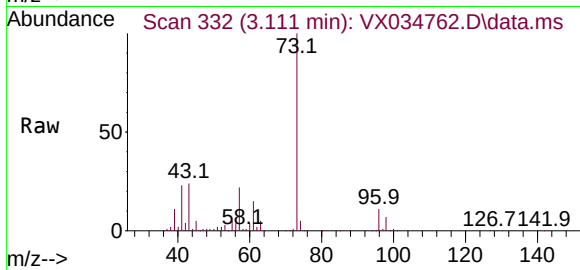
#19
Methyl tert-butyl Ether
Concen: 51.676 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 55364
Ion Ratio Lower Upper
73 100
57 22.0 18.5 27.7

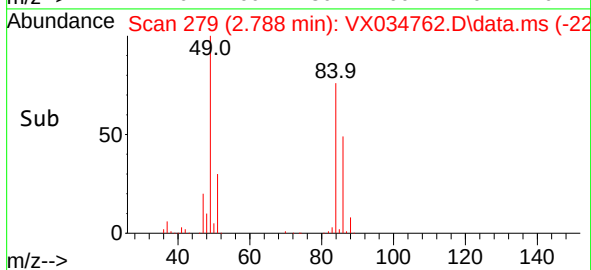
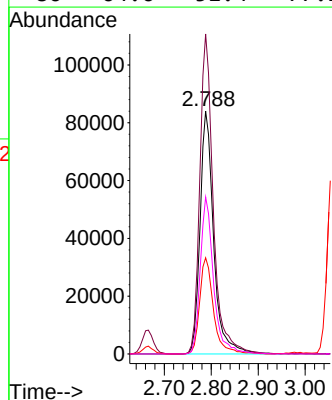
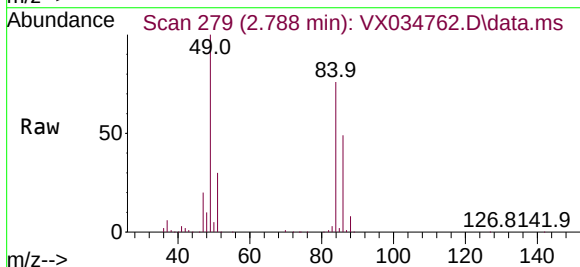
Manual Integrations
APPROVED

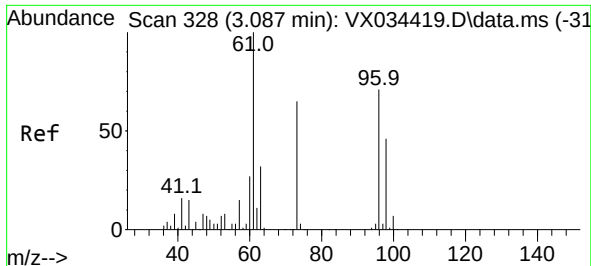
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#20
Methylene Chloride
Concen: 46.759 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

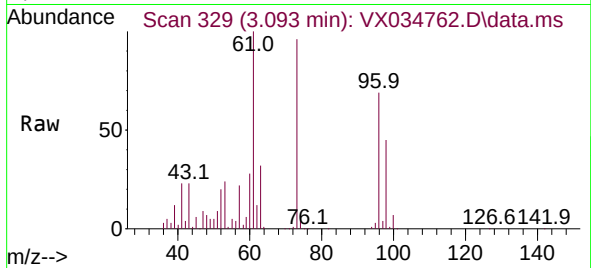
Tgt Ion: 84 Resp: 169983
Ion Ratio Lower Upper
84 100
49 131.8 103.8 155.8
51 39.6 31.8 47.8
86 64.6 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 50.001 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

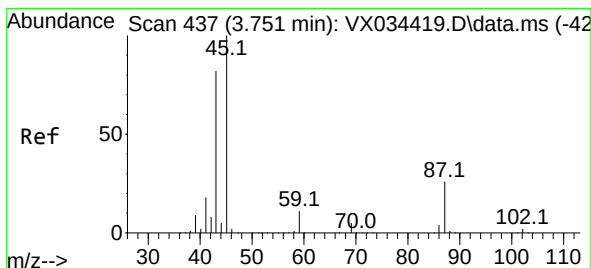
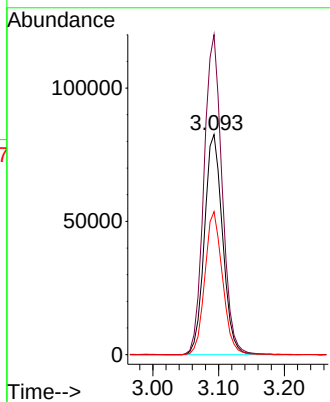
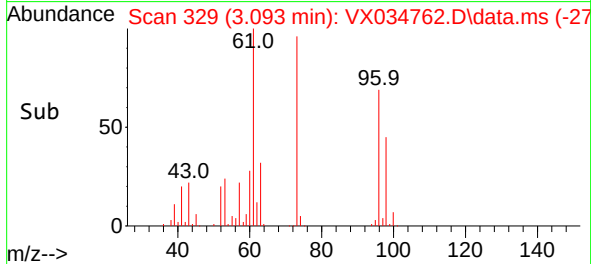
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 158892
Ion Ratio Lower Upper
96 100
61 145.3 113.0 169.6
98 65.0 52.1 78.1

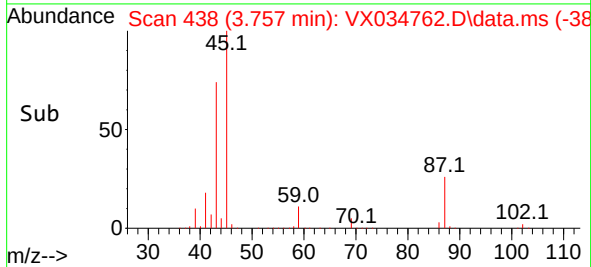
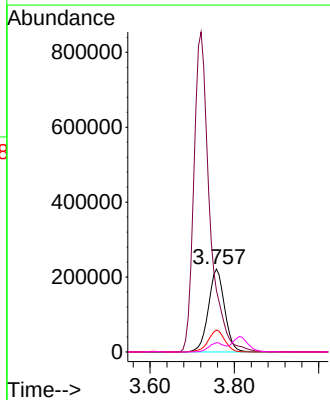
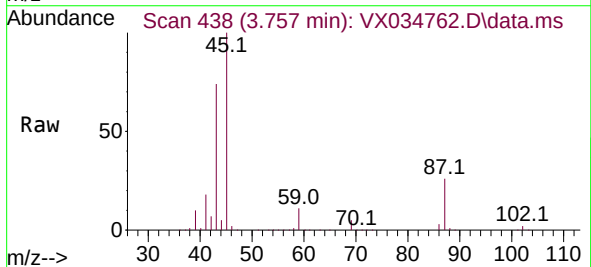
Manual Integrations
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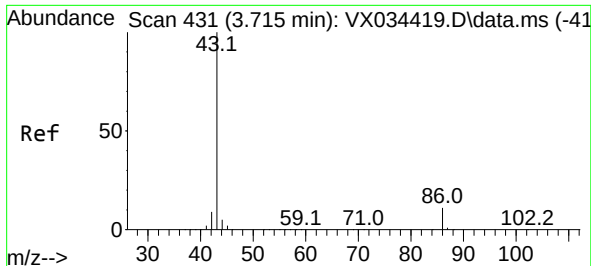
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#22
Diisopropyl ether
Concen: 51.017 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

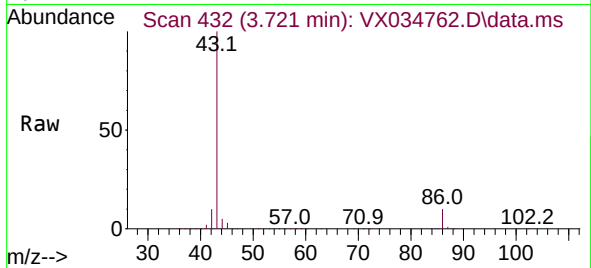
Tgt Ion: 45 Resp: 590072
Ion Ratio Lower Upper
45 100
43 74.1 65.4 98.2
87 26.4 20.6 31.0
59 11.3 9.0 13.6





#23
 Vinyl Acetate
 Concen: 253.888 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034762.D
 Acq: 27 Mar 2023 20:04

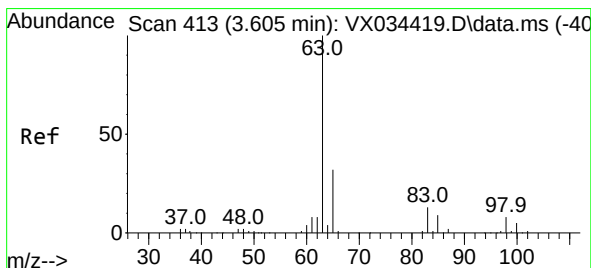
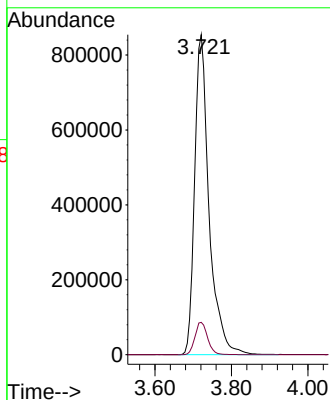
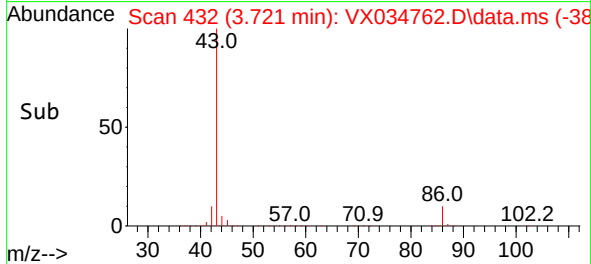
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 2234880
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.5 12.7

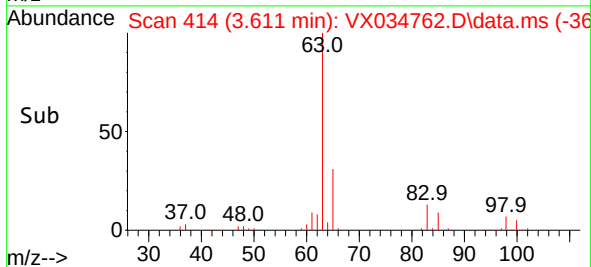
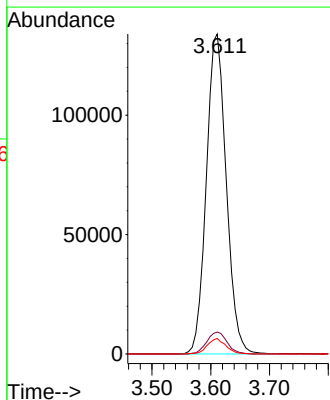
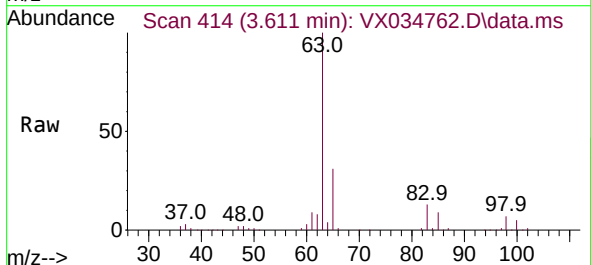
Manual Integrations
 APPROVED

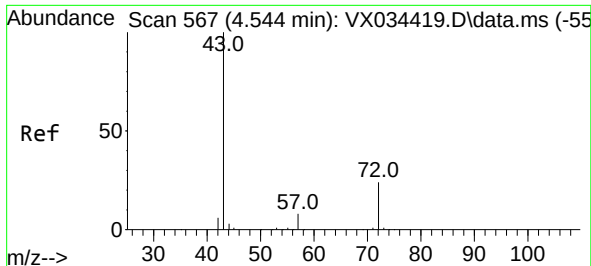
Reviewed By :John Carlone 03/28/2023
 Supervised By :Semsettin Yesilyurt 03/28/2023



#24
 1,1-Dichloroethane
 Concen: 50.792 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034762.D
 Acq: 27 Mar 2023 20:04

Tgt Ion: 63 Resp: 315797
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.2
 100 4.9 2.4 7.1





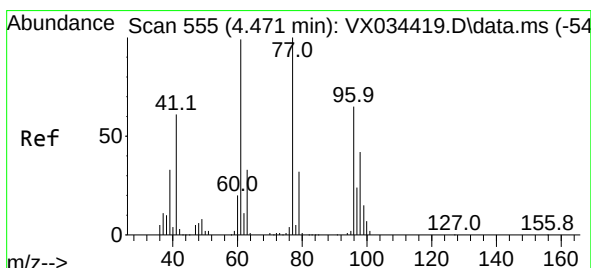
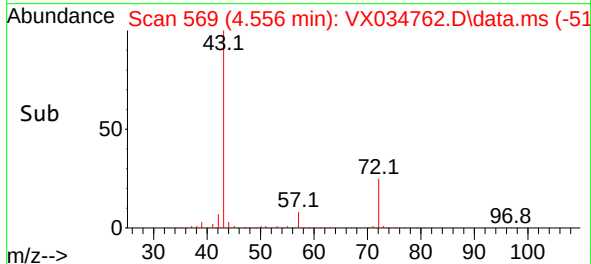
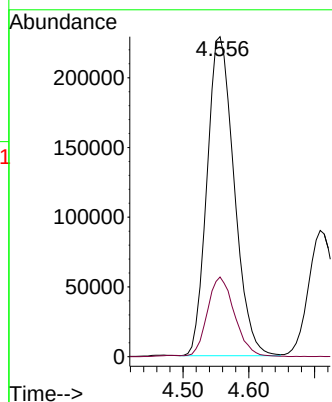
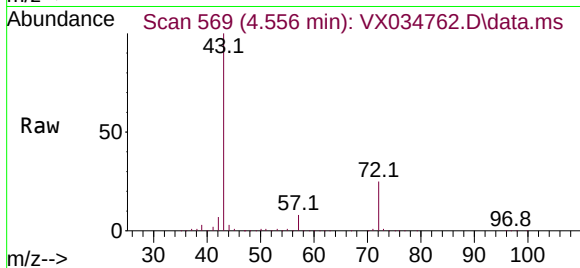
#25
2-Butanone
Concen: 245.260 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.012 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 657330
Ion Ratio Lower Upper
43 100
72 24.8 19.3 28.9

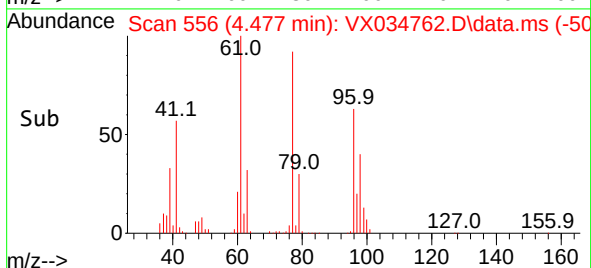
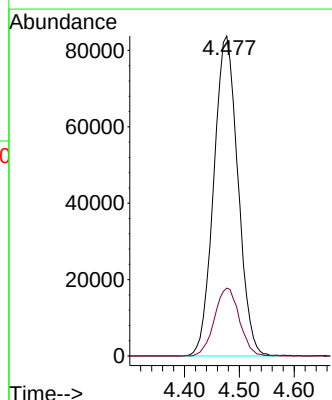
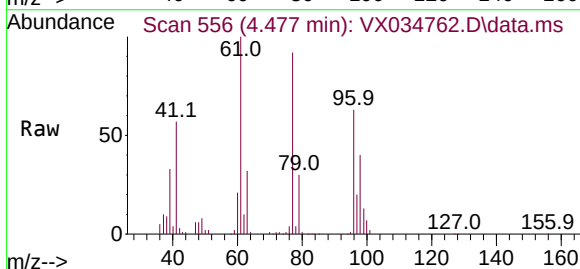
Manual Integrations
APPROVED

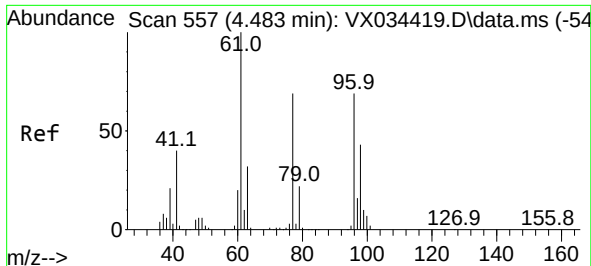
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#26
2,2-Dichloropropane
Concen: 47.475 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Tgt Ion: 77 Resp: 256578
Ion Ratio Lower Upper
77 100
97 21.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.062 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034762.D

Acq: 27 Mar 2023 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 191509

Ion Ratio Lower Upper

96 100

61 151.7 0.0 300.4

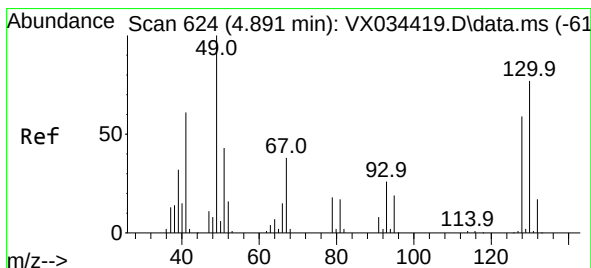
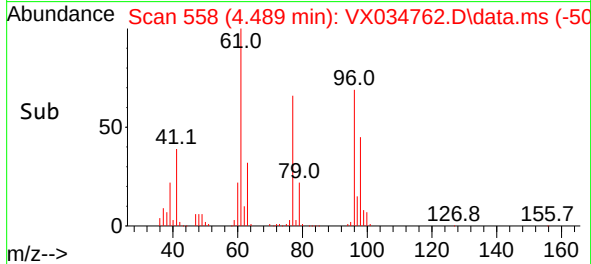
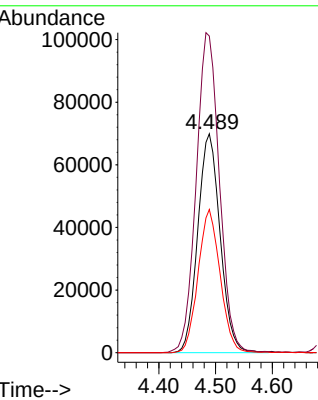
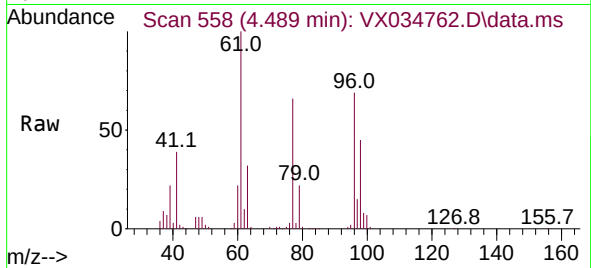
98 64.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#28

Bromochloromethane

Concen: 42.665 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.006 min

Lab File: VX034762.D

Acq: 27 Mar 2023 20:04

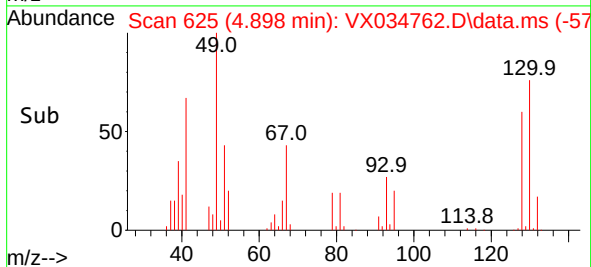
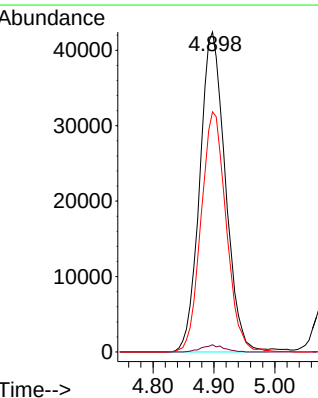
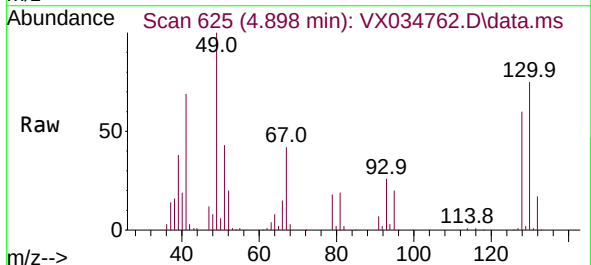
Tgt Ion: 49 Resp: 123342

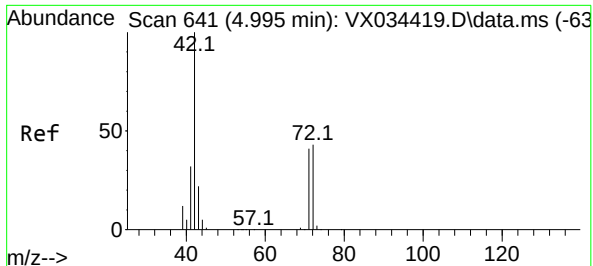
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 73.9 58.2 87.2





#29

Tetrahydrofuran

Concen: 256.292 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX034762.D

Acq: 27 Mar 2023 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 42385

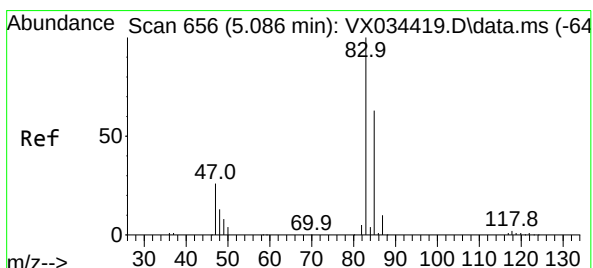
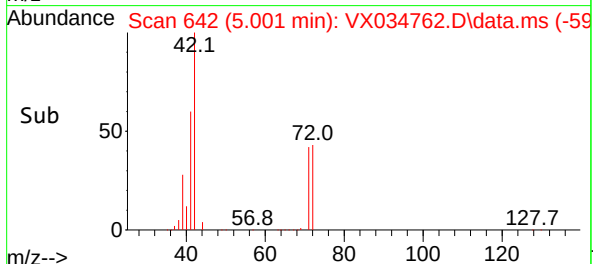
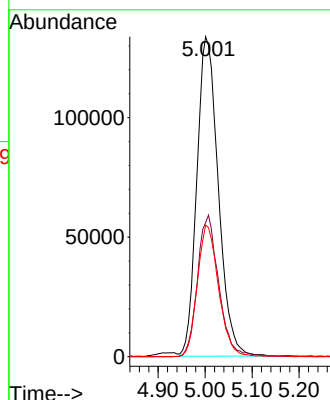
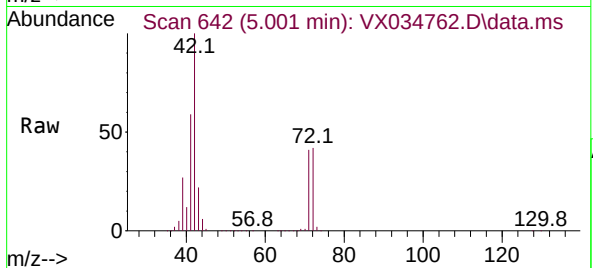
Ion	Ratio	Lower	Upper
42	100		
72	44.0	34.5	51.7
71	40.6	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#30

Chloroform

Concen: 52.515 ug/l

RT: 5.093 min Scan# 657

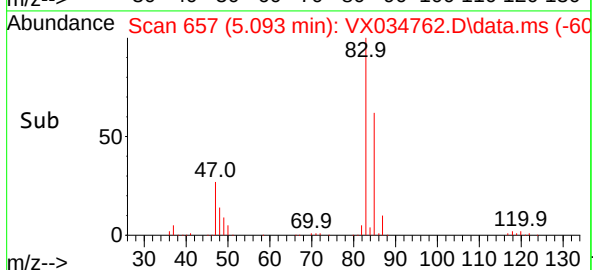
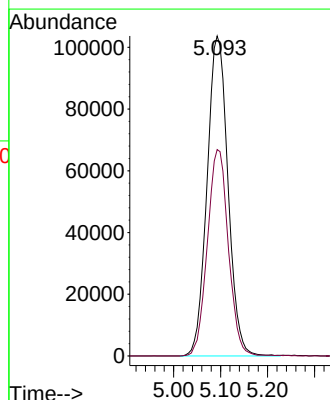
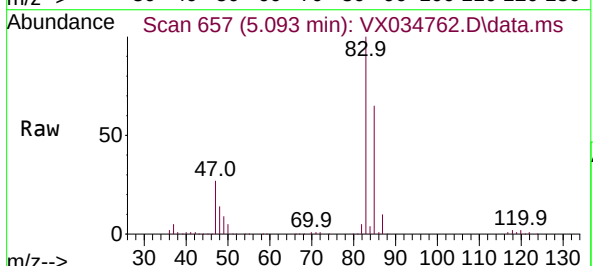
Delta R.T. 0.006 min

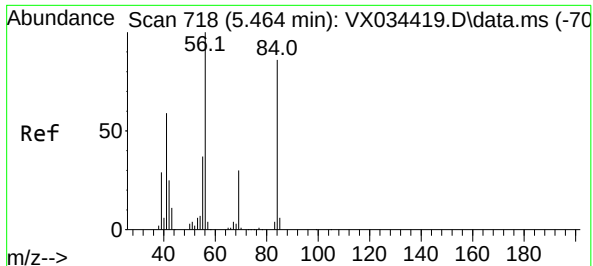
Lab File: VX034762.D

Acq: 27 Mar 2023 20:04

Tgt Ion: 83 Resp: 320056

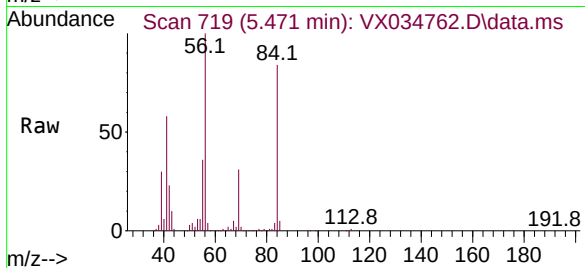
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.6	76.0





#31
Cyclohexane
Concen: 49.445 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

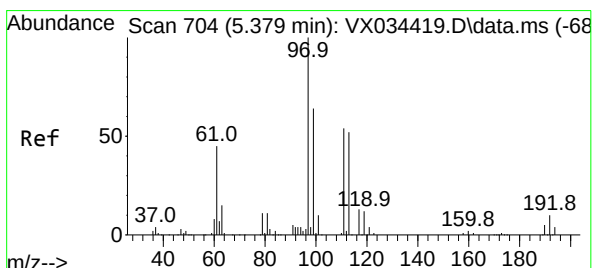
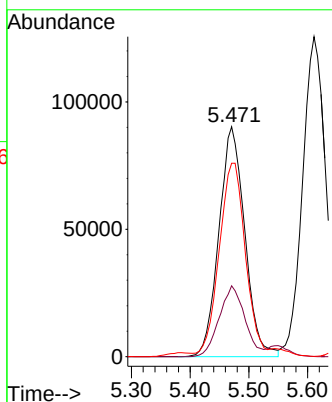
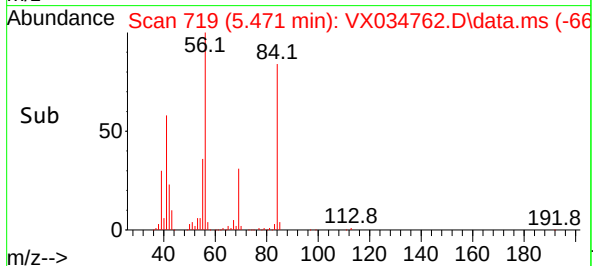
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 27574
Ion Ratio Lower Upper
56 100
69 30.8 23.7 35.5
84 82.4 68.5 102.7

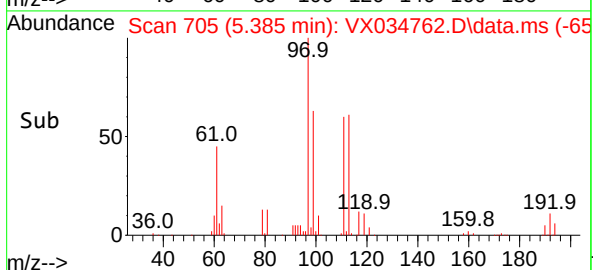
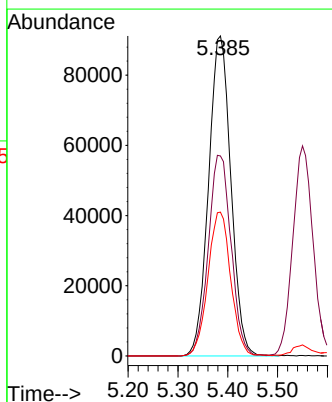
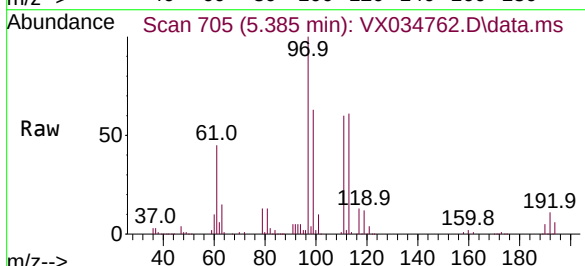
Manual Integrations
APPROVED

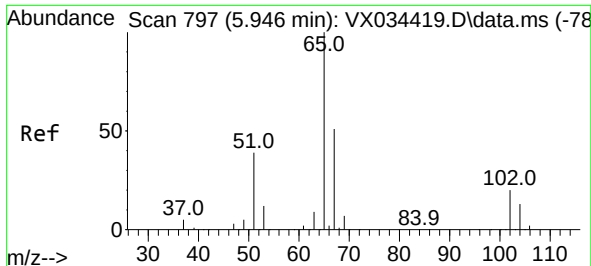
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#32
1,1,1-Trichloroethane
Concen: 52.543 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Tgt Ion: 97 Resp: 283485
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 46.0 36.5 54.7





#33
1,2-Dichloroethane-d4
Concen: 51.865 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Instrument :

MSVOA_X

ClientSampleId :

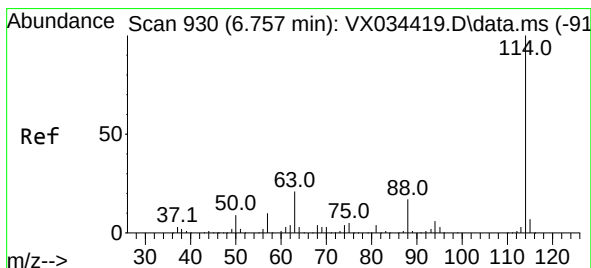
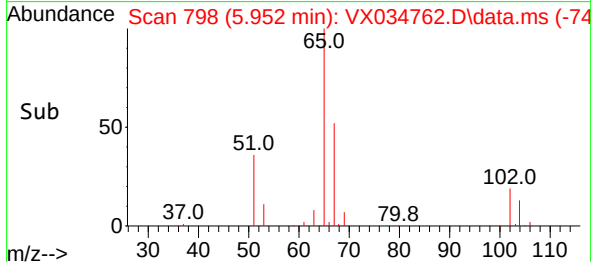
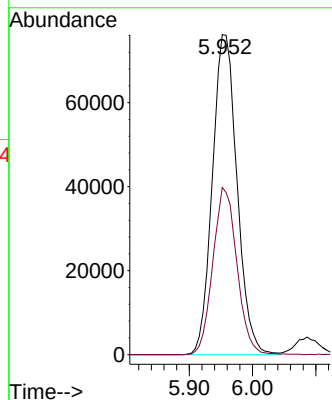
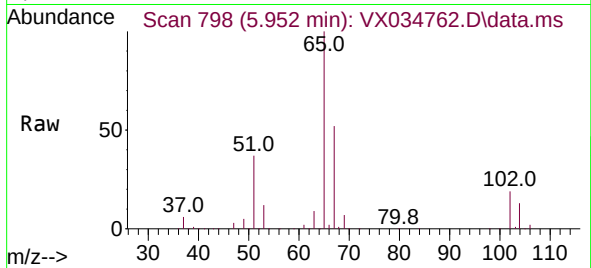
VSTDCCC050EC

Tgt Ion: 65 Resp: 206230
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.0

Manual Integrations

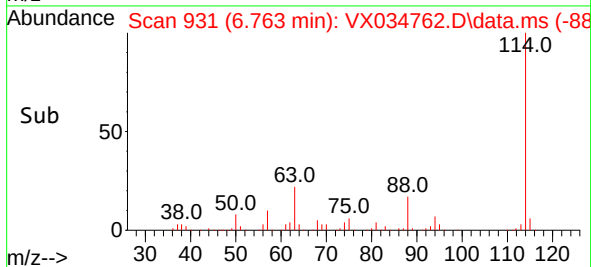
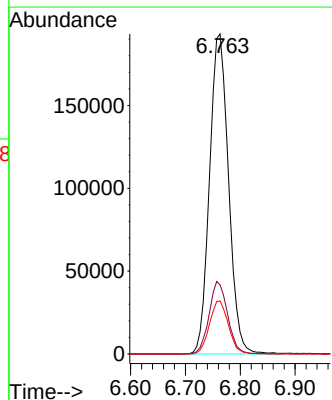
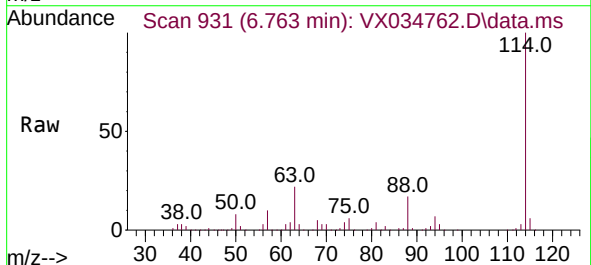
APPROVED

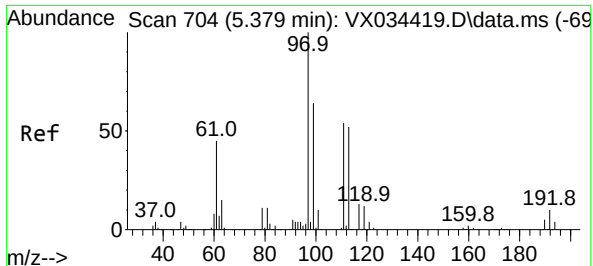
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

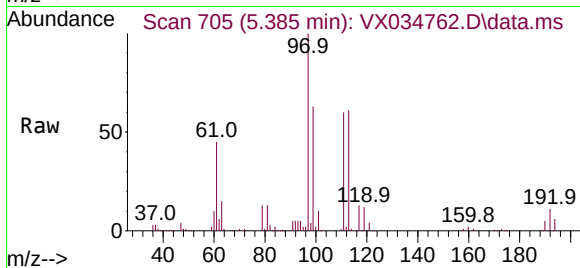
Tgt Ion:114 Resp: 464145
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.2
88 16.6 0.0 33.2





#35
Dibromofluoromethane
Concen: 51.550 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

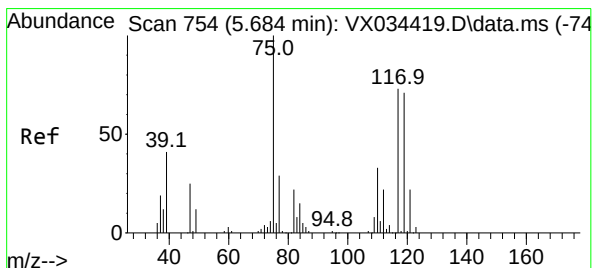
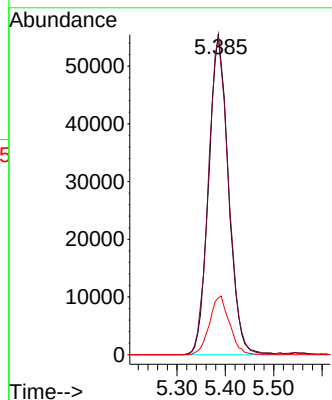
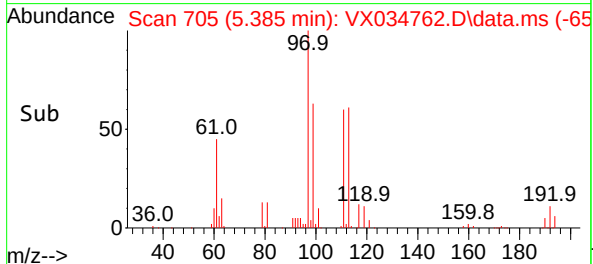
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 157975
Ion Ratio Lower Upper
113 100
111 100.9 83.7 125.5
192 18.4 15.4 23.2

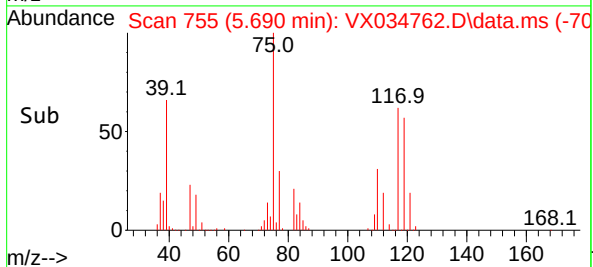
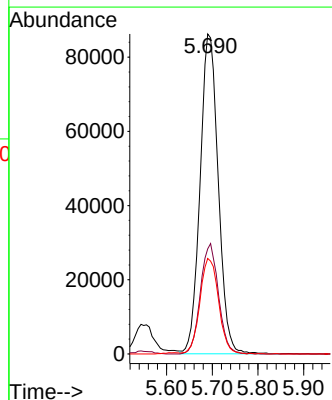
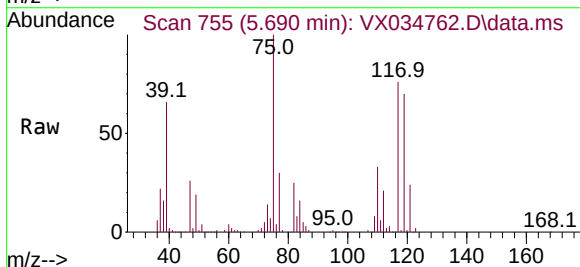
Manual Integrations
APPROVED

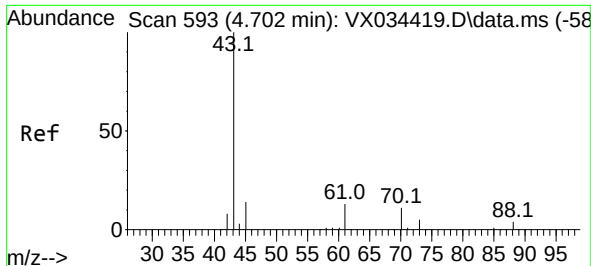
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#36
1,1-Dichloropropene
Concen: 50.450 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

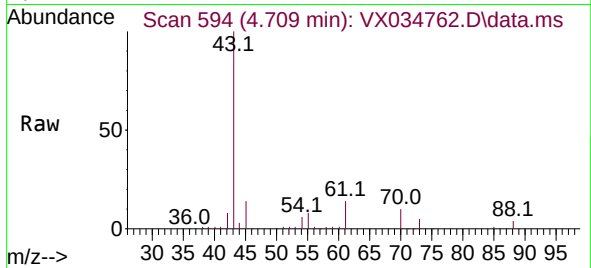
Tgt Ion: 75 Resp: 237463
Ion Ratio Lower Upper
75 100
110 34.3 17.5 52.5
77 30.8 24.3 36.5





#37
Ethyl Acetate
Concen: 51.718 ug/l
RT: 4.709 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

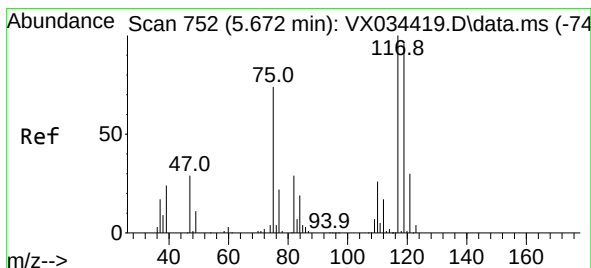
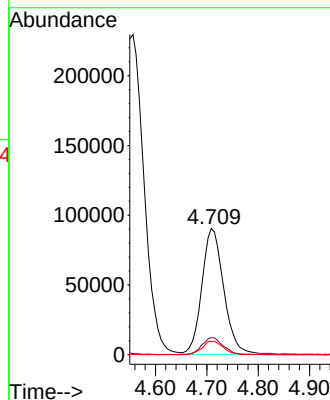
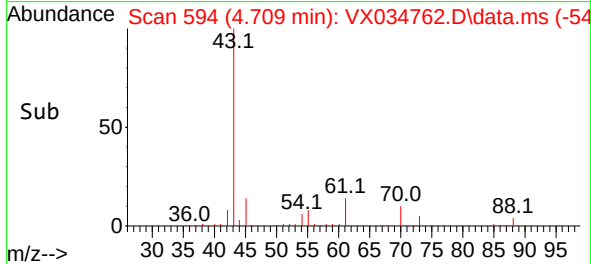
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 265940
Ion Ratio Lower Upper
43 100
61 13.4 10.2 15.4
70 10.4 8.2 12.4

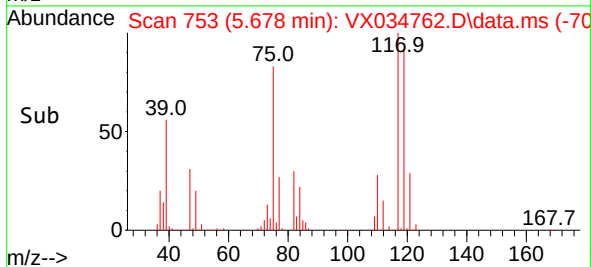
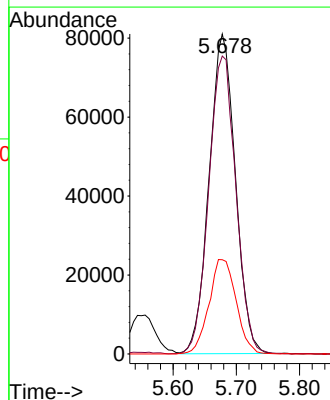
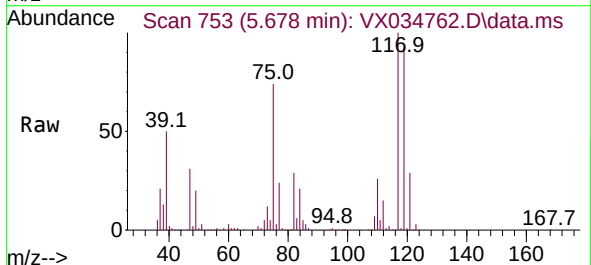
Manual Integrations
APPROVED

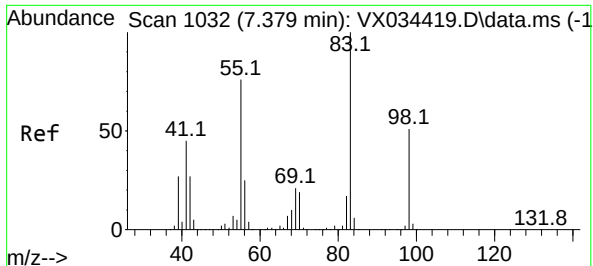
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#38
Carbon Tetrachloride
Concen: 49.901 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Tgt Ion:117 Resp: 233661
Ion Ratio Lower Upper
117 100
119 93.1 76.6 114.8
121 29.5 23.8 35.6





#39

Methylcyclohexane

Concen: 46.112 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034762.D

Acq: 27 Mar 2023 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 25974

Ion Ratio Lower Upper

83 100

55 79.5 60.5 90.7

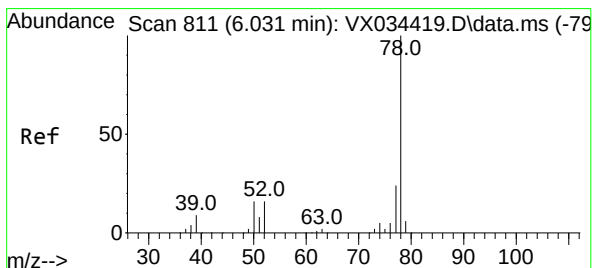
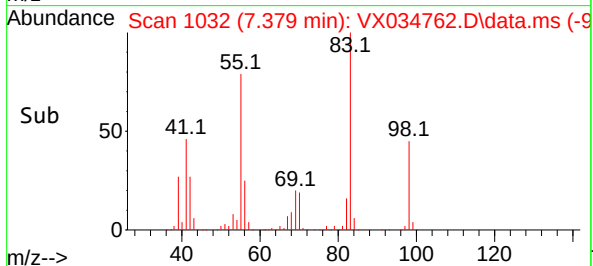
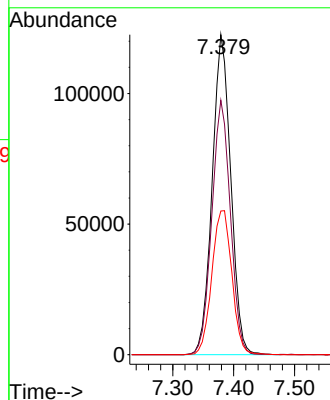
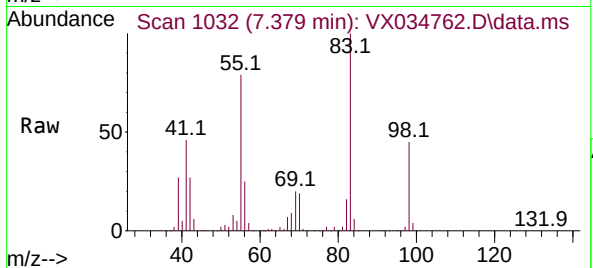
98 44.9 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#40

Benzene

Concen: 49.351 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX034762.D

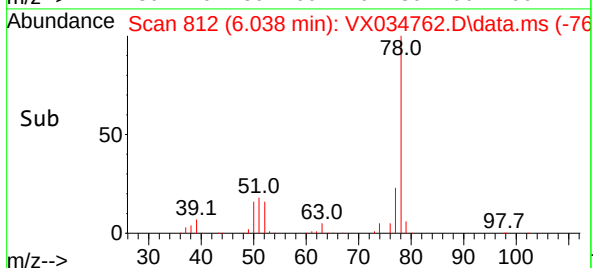
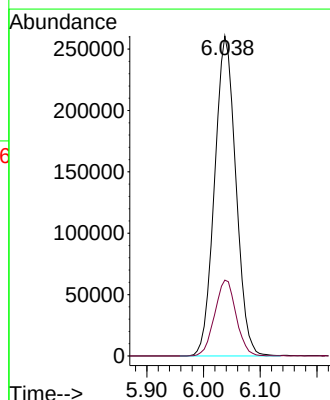
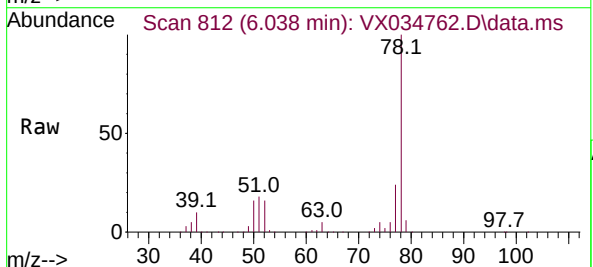
Acq: 27 Mar 2023 20:04

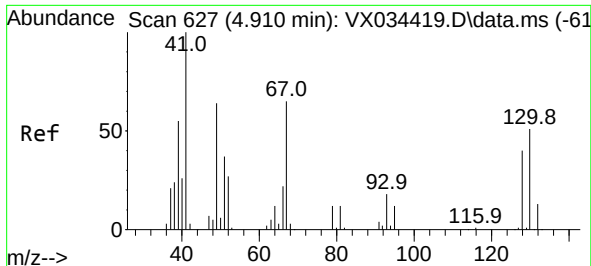
Tgt Ion: 78 Resp: 679528

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4





#41
Methacrylonitrile
Concen: 52.405 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

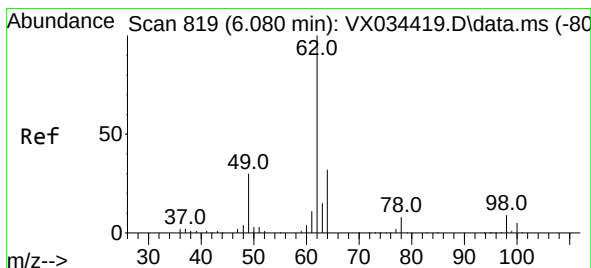
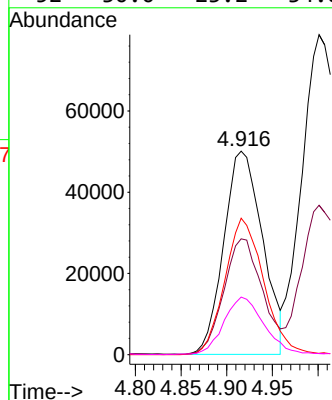
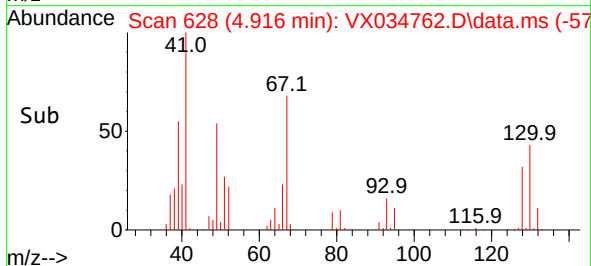
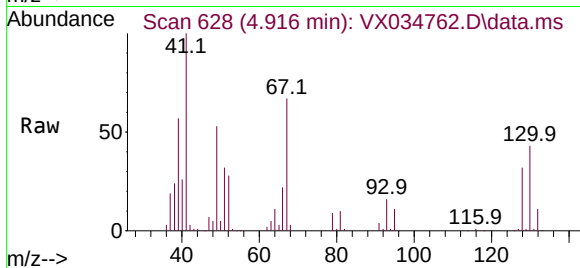
Tgt Ion: 41 Resp: 14768
Ion Ratio Lower Upper
41 100
39 56.5 45.0 67.6
67 67.5 55.6 83.4
52 30.0 23.2 34.8

Manual Integrations

APPROVED

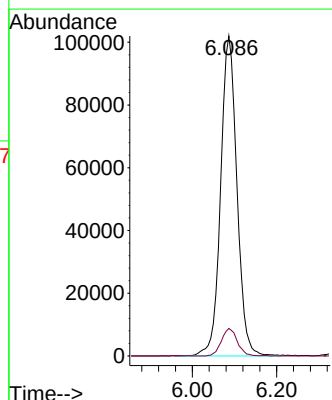
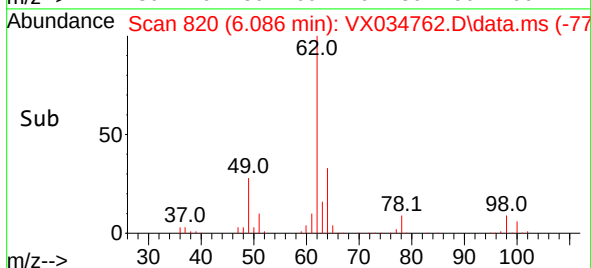
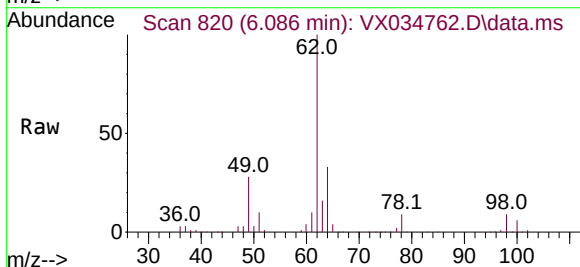
Reviewed By :John Carlone 03/28/2023

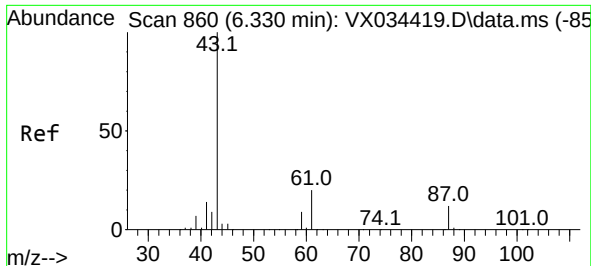
Supervised By :Semsettin Yesilyurt 03/28/2023



#42
1,2-Dichloroethane
Concen: 53.860 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Tgt Ion: 62 Resp: 272557
Ion Ratio Lower Upper
62 100
98 8.4 0.0 18.0





#43

Isopropyl Acetate

Concen: 51.965 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX034762.D

Acq: 27 Mar 2023 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDC0050EC

Tgt Ion: 43 Resp: 45267

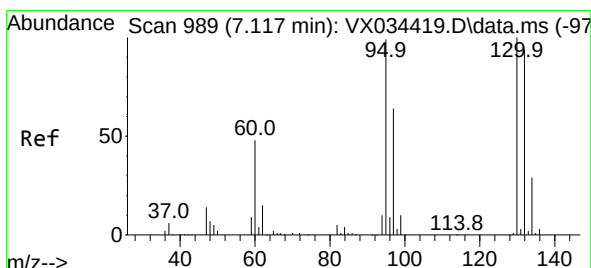
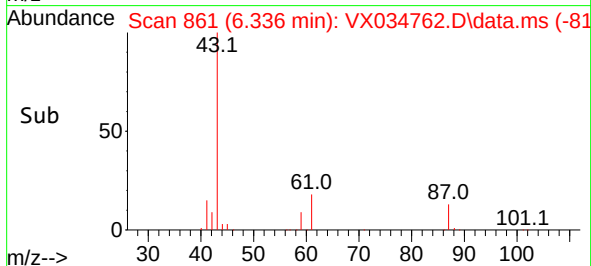
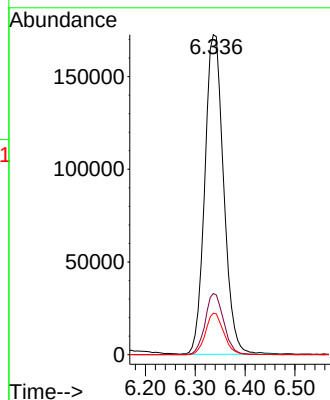
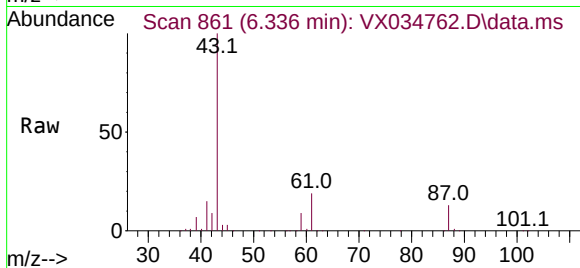
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.2	22.8
87	12.5	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#44

Trichloroethene

Concen: 49.348 ug/l

RT: 7.123 min Scan# 990

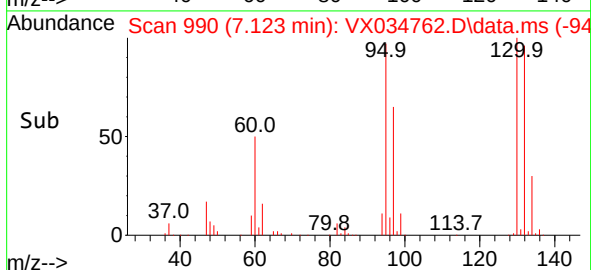
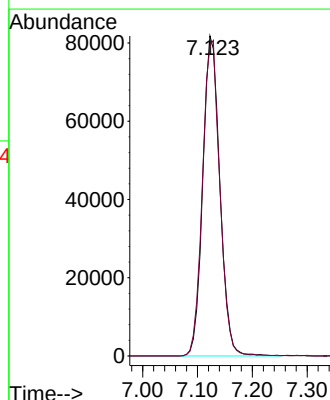
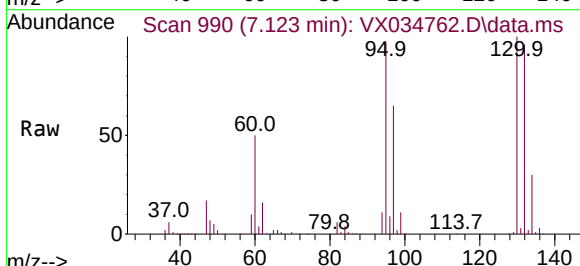
Delta R.T. 0.006 min

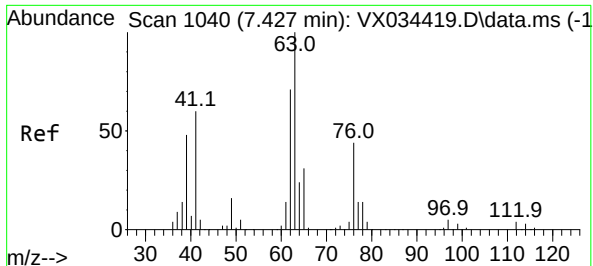
Lab File: VX034762.D

Acq: 27 Mar 2023 20:04

Tgt Ion:130 Resp: 176550

Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	198.4





#45

1,2-Dichloropropane

Concen: 50.896 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034762.D

Acq: 27 Mar 2023 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 182980

Ion Ratio Lower Upper

63 100

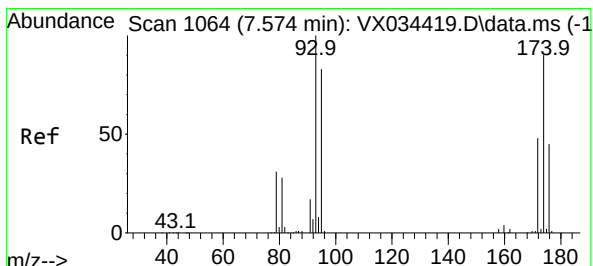
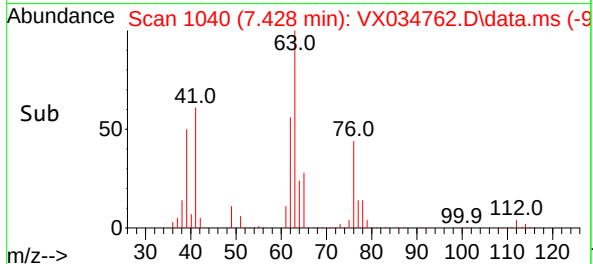
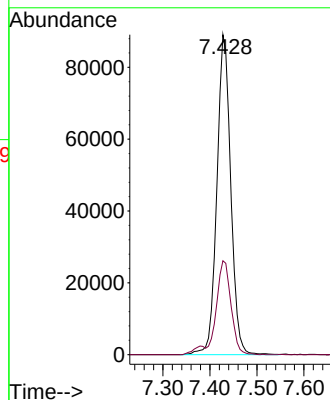
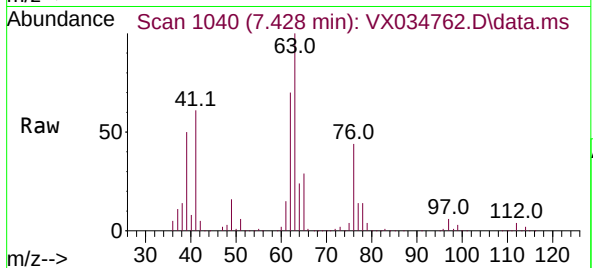
65 29.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#46

Dibromomethane

Concen: 50.690 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX034762.D

Acq: 27 Mar 2023 20:04

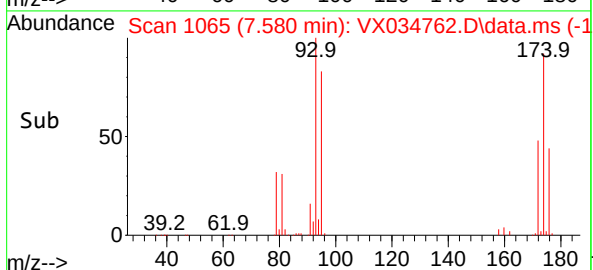
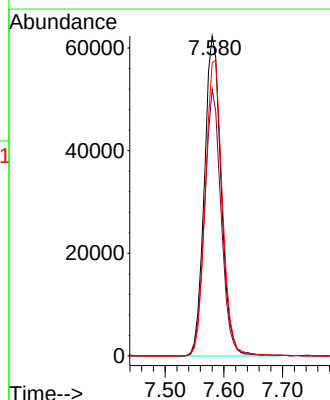
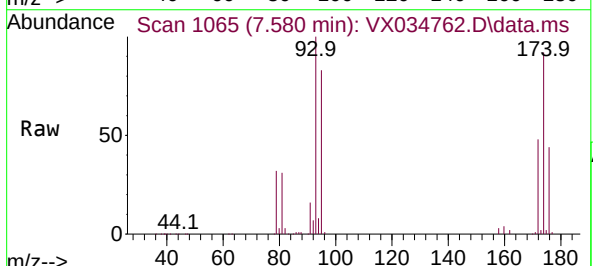
Tgt Ion: 93 Resp: 123900

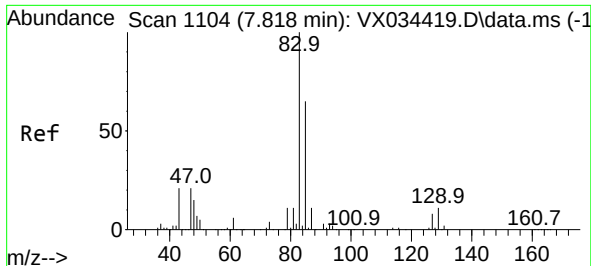
Ion Ratio Lower Upper

93 100

95 81.6 66.9 100.3

174 93.2 75.4 113.0





#47
Bromodichloromethane
Concen: 50.643 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Instrument :

MSVOA_X

ClientSampleId :

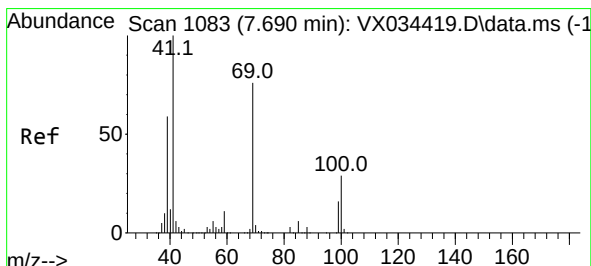
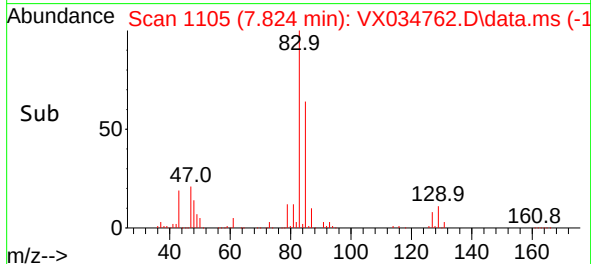
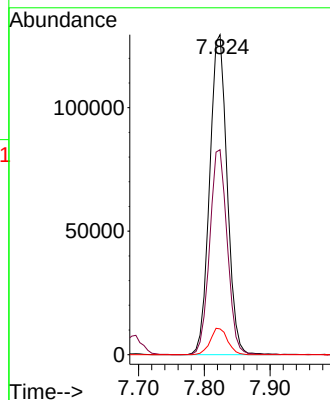
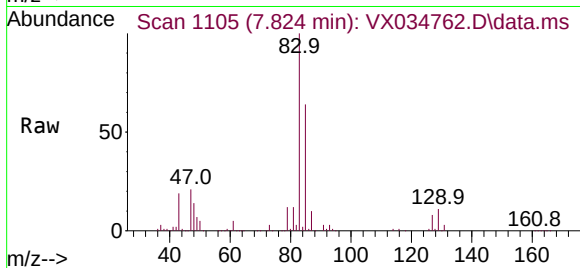
VSTDCCC050EC

Tgt Ion: 83 Resp: 23956
Ion Ratio Lower Upper
83 100
85 64.1 52.2 78.4
127 8.0 6.6 9.8

Manual Integrations

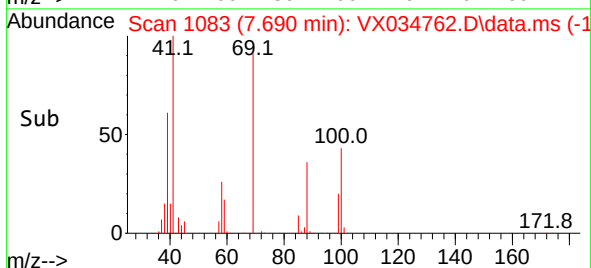
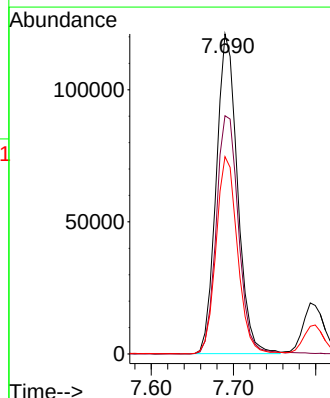
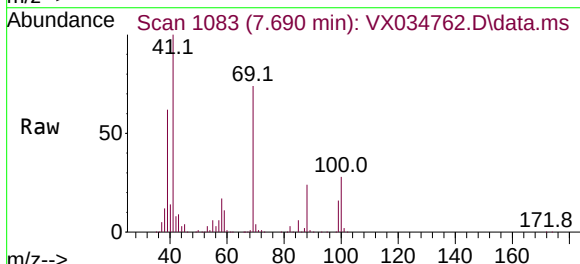
APPROVED

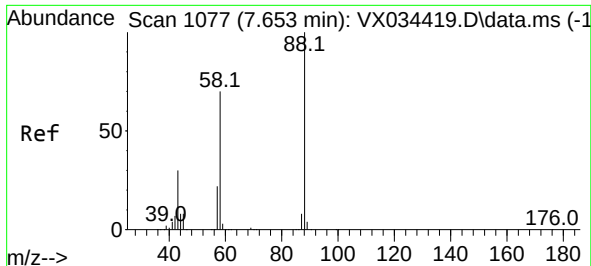
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#48
Methyl methacrylate
Concen: 51.856 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Tgt Ion: 41 Resp: 217256
Ion Ratio Lower Upper
41 100
69 78.2 62.2 93.4
39 62.3 47.7 71.5





#49

1,4-Dioxane

Concen: 942.529 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.043 min

Lab File: VX034762.D

Acq: 27 Mar 2023 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

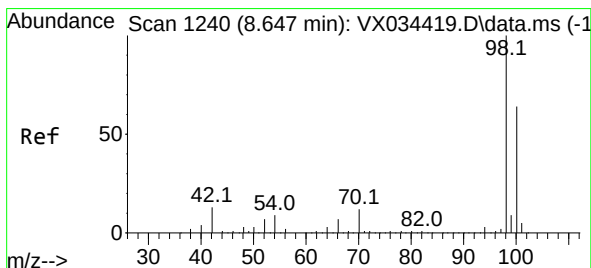
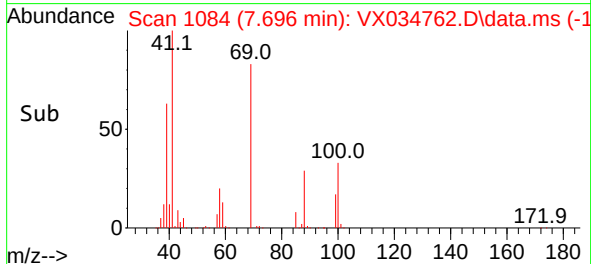
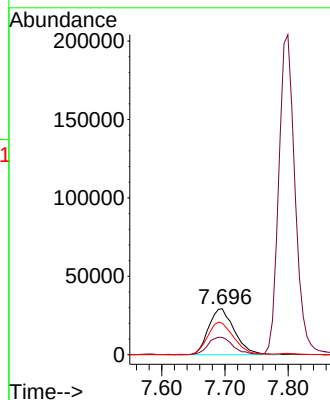
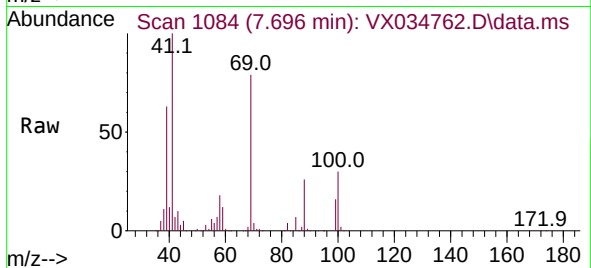
Tgt Ion: 88 Resp: 82940
 Ion Ratio Lower Upper
 88 100
 43 36.7 27.7 41.5
 58 71.4 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#50

Toluene-d8

Concen: 48.828 ug/l

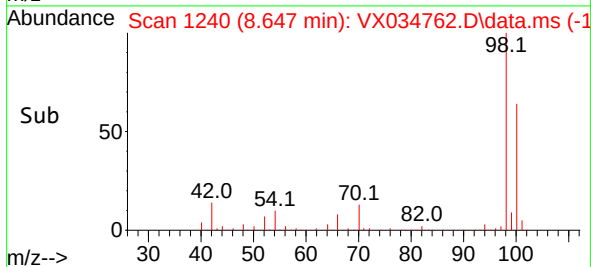
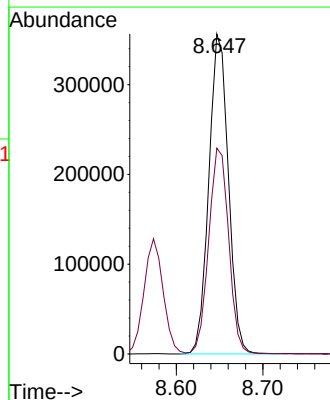
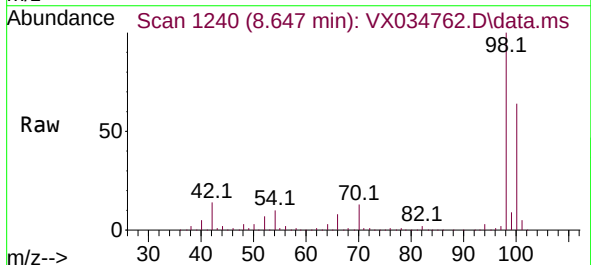
RT: 8.647 min Scan# 1240

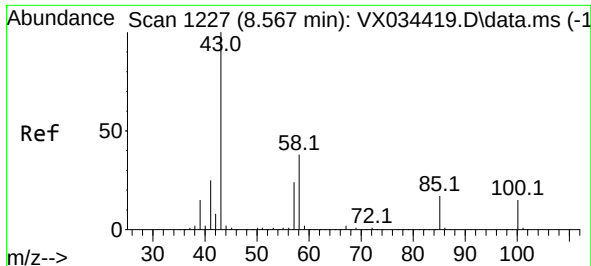
Delta R.T. 0.000 min

Lab File: VX034762.D

Acq: 27 Mar 2023 20:04

Tgt Ion: 98 Resp: 558588
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 261.290 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX034762.D

Acq: 27 Mar 2023 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1320400

Ion Ratio Lower Upper

43 100

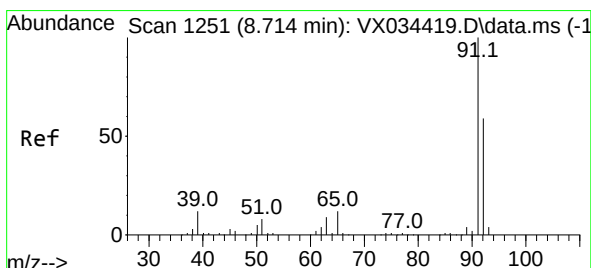
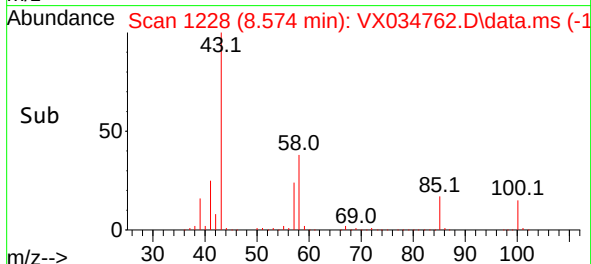
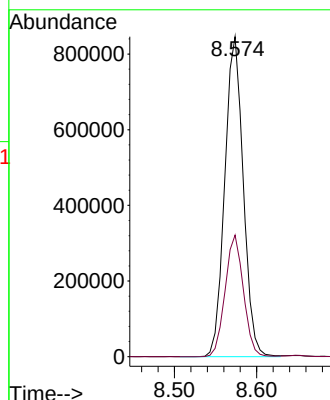
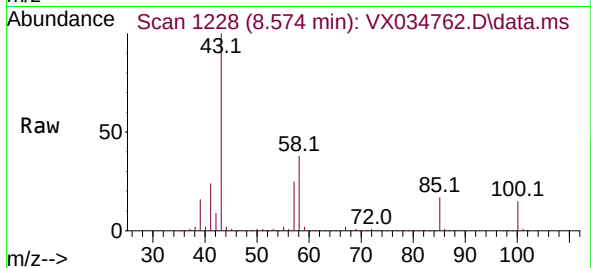
58 37.6 30.6 46.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#52

Toluene

Concen: 50.450 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX034762.D

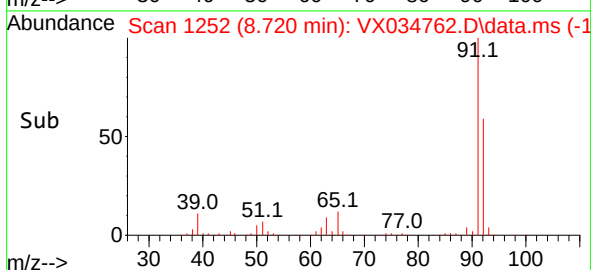
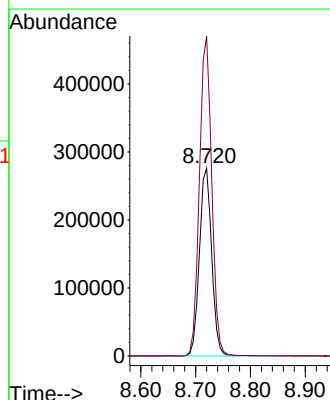
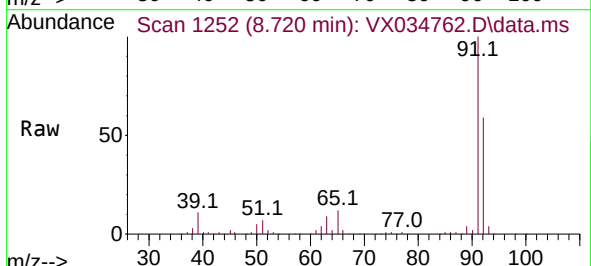
Acq: 27 Mar 2023 20:04

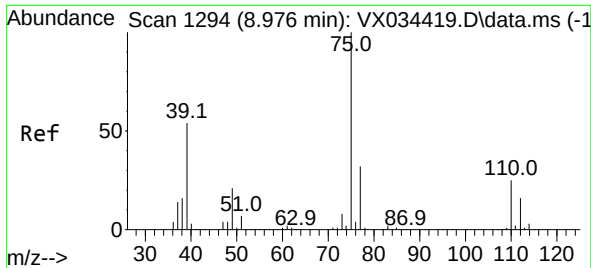
Tgt Ion: 92 Resp: 430074

Ion Ratio Lower Upper

92 100

91 170.8 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 50.650 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Instrument :

MSVOA_X

ClientSampleId :

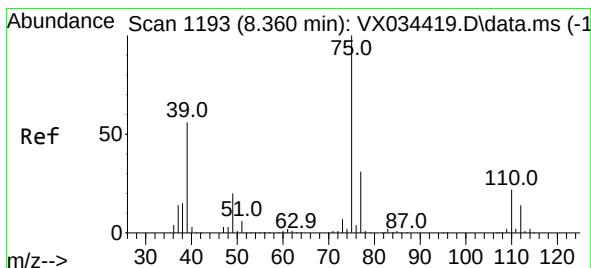
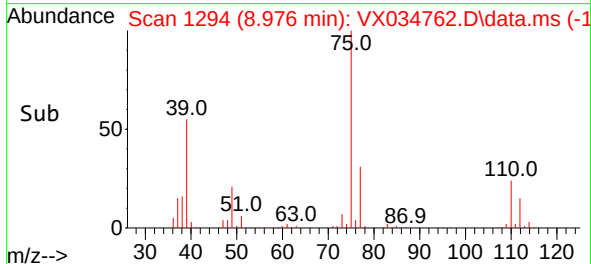
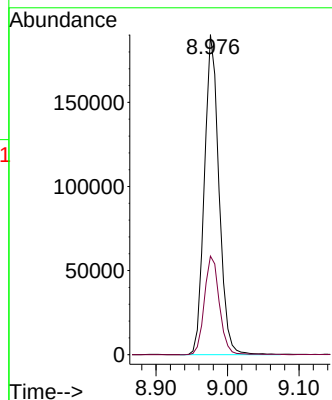
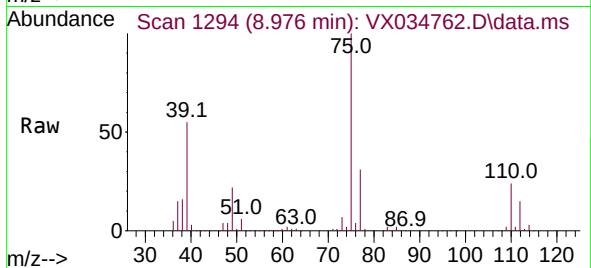
VSTDCCC050EC

Tgt Ion: 75 Resp: 269934
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2

Manual Integrations

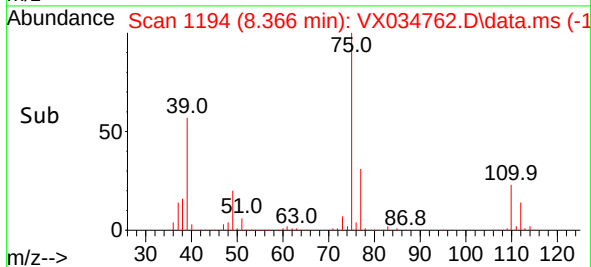
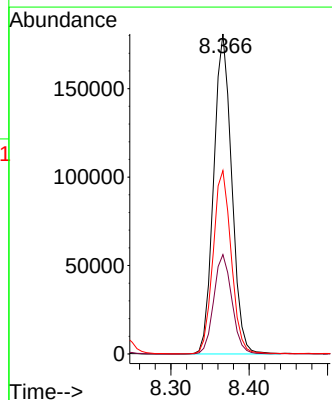
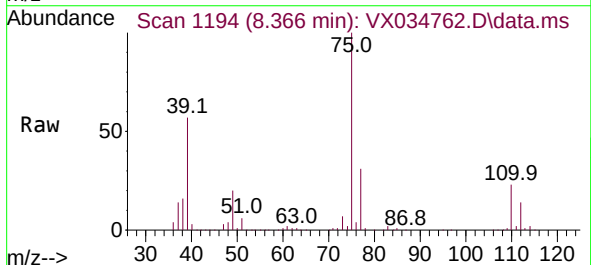
APPROVED

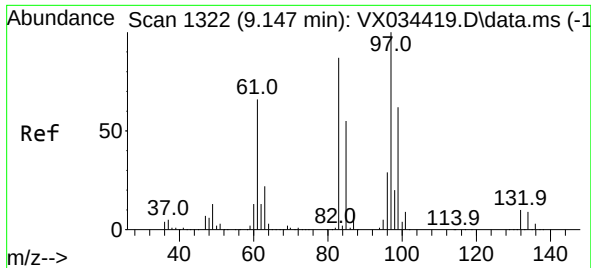
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#54
cis-1,3-Dichloropropene
Concen: 50.206 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Tgt Ion: 75 Resp: 289483
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.4
39 57.2 44.6 66.8





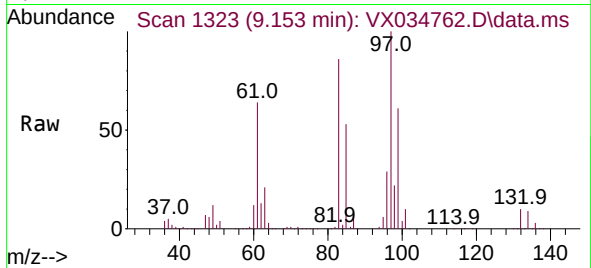
#55
1,1,2-Trichloroethane
Concen: 52.069 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



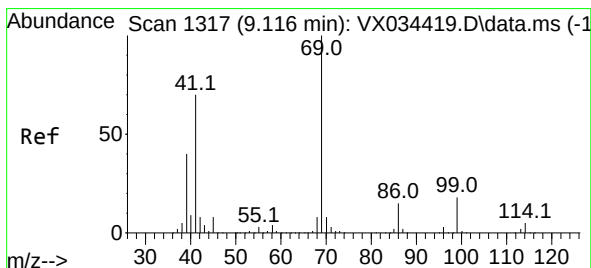
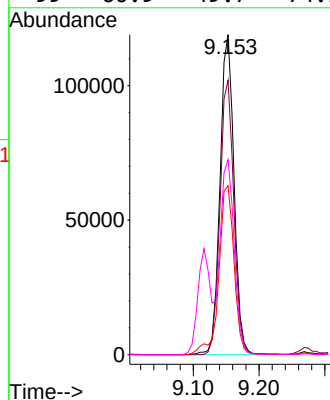
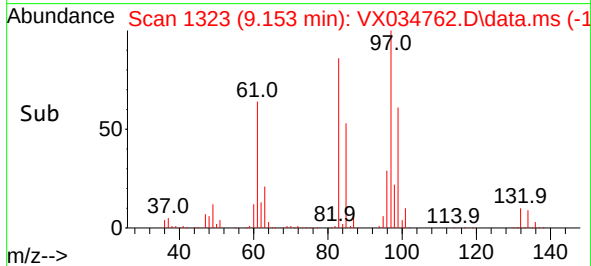
Tgt Ion: 97 Resp: 17615
Ion Ratio Lower Upper
97 100
83 85.7 69.7 104.5
85 52.8 43.7 65.5
99 60.9 49.7 74.5

Manual Integrations

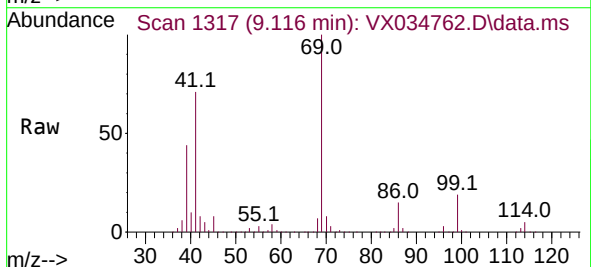
APPROVED

Reviewed By :John Carlone 03/28/2023

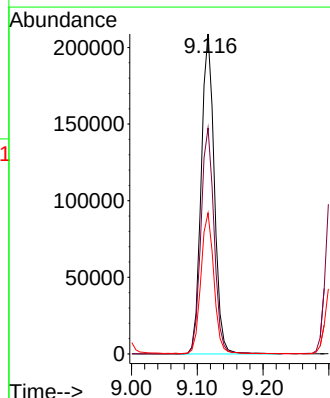
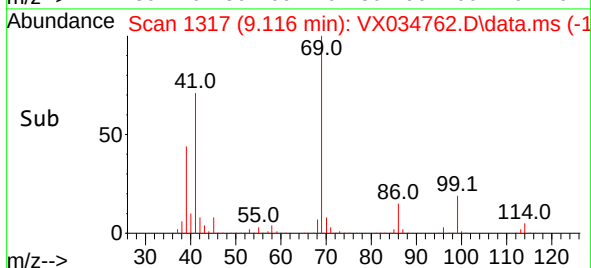
Supervised By :Semsettin Yesilyurt 03/28/2023

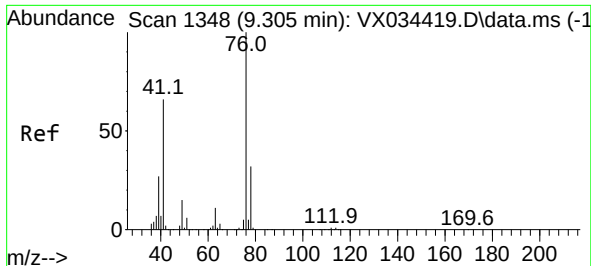


#56
Ethyl methacrylate
Concen: 52.045 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04



Tgt Ion: 69 Resp: 289099
Ion Ratio Lower Upper
69 100
41 71.1 57.4 86.0
39 43.7 33.7 50.5





#57
1,3-Dichloropropane
Concen: 50.390 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Instrument :

MSVOA_X

ClientSampleId :

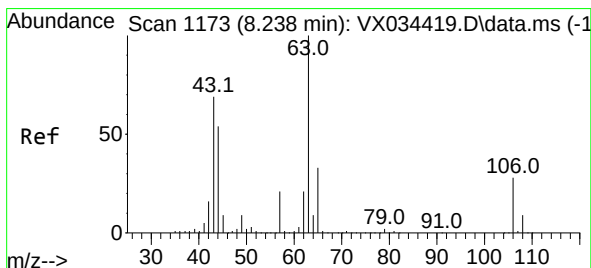
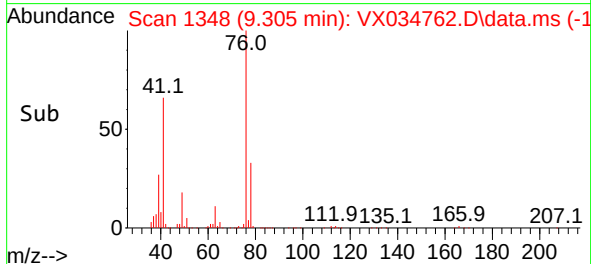
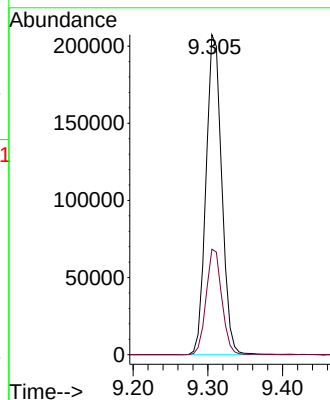
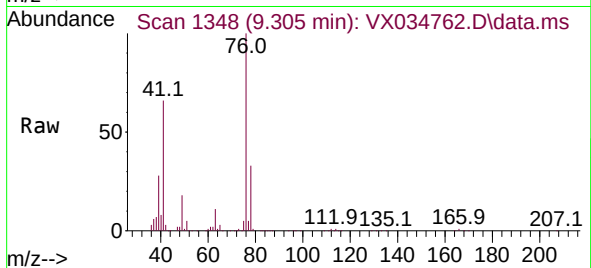
VSTDCCC050EC

Tgt Ion: 76 Resp: 302980
Ion Ratio Lower Upper
76 100
78 32.8 25.8 38.8

Manual Integrations

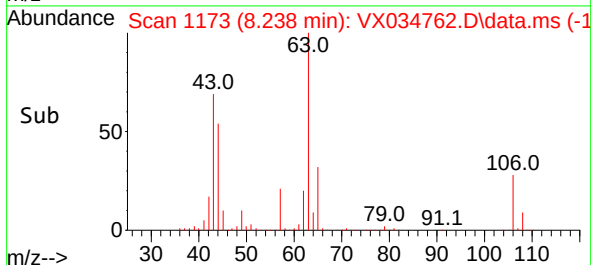
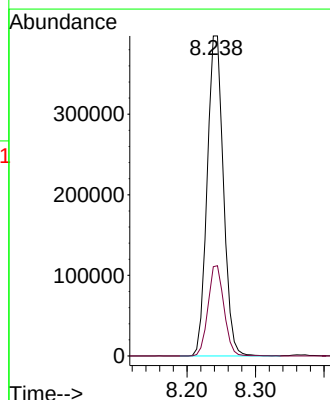
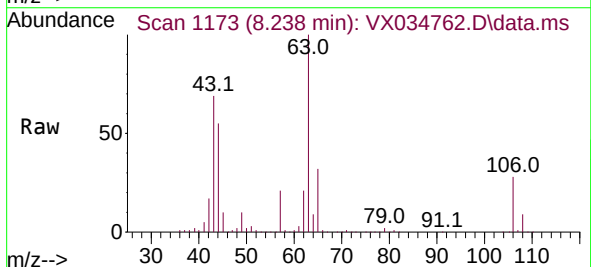
APPROVED

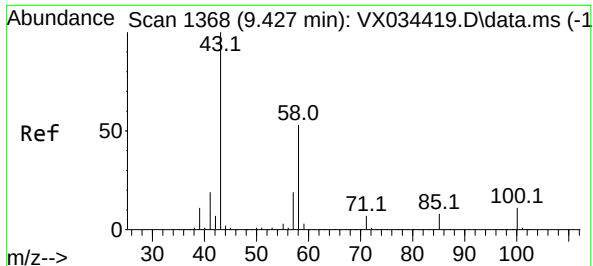
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#58
2-Chloroethyl Vinyl ether
Concen: 228.636 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Tgt Ion: 63 Resp: 654518
Ion Ratio Lower Upper
63 100
106 27.7 22.2 33.2





#59

2-Hexanone

Concen: 254.066 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034762.D

Acq: 27 Mar 2023 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 99247

Ion Ratio Lower Upper

43 100

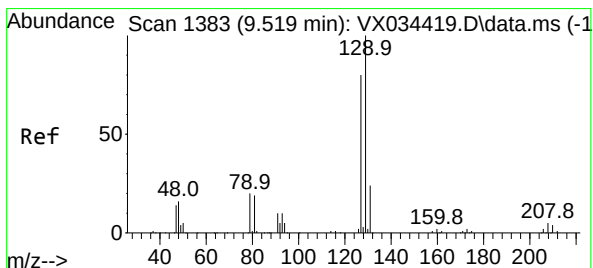
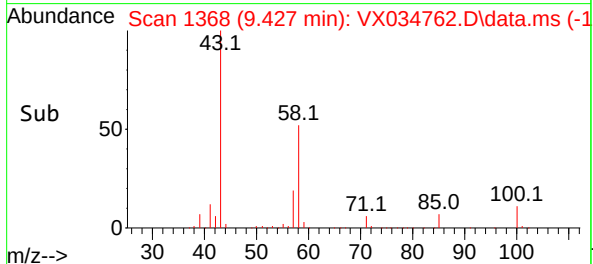
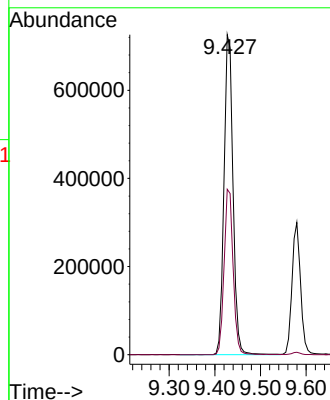
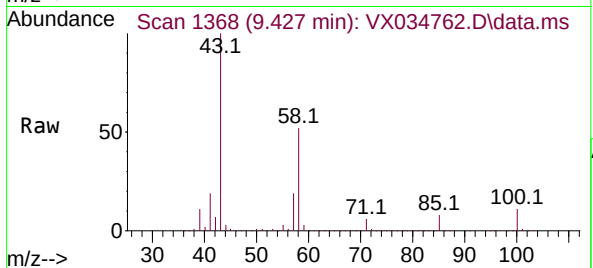
58 51.8 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#60

Dibromochloromethane

Concen: 50.285 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX034762.D

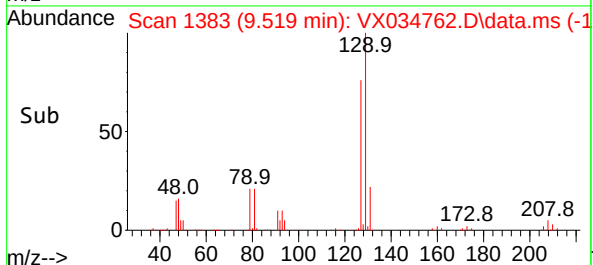
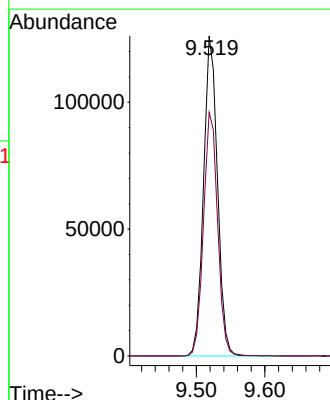
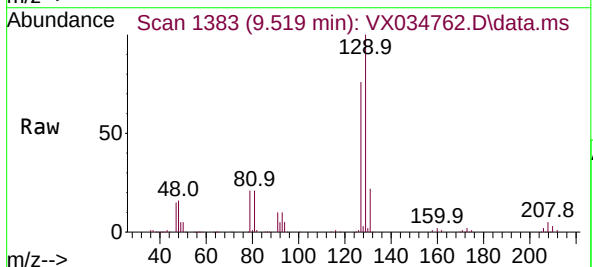
Acq: 27 Mar 2023 20:04

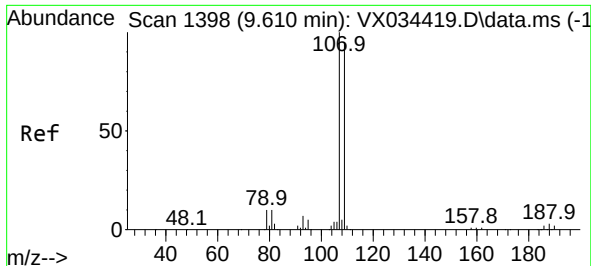
Tgt Ion:129 Resp: 178425

Ion Ratio Lower Upper

129 100

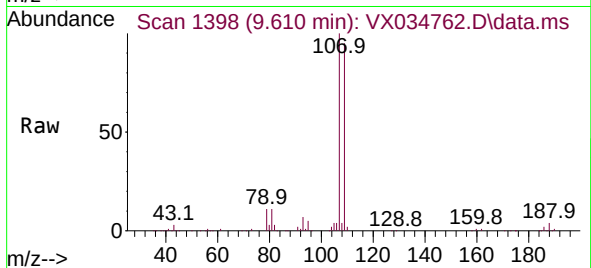
127 77.1 39.0 117.0





#61
1,2-Dibromoethane
Concen: 50.362 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

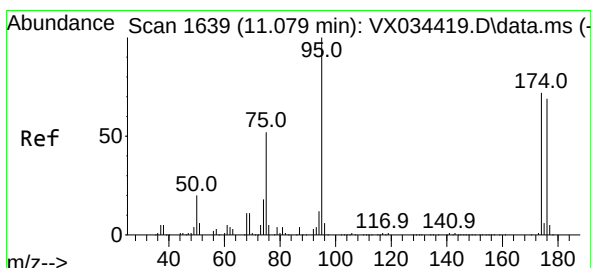
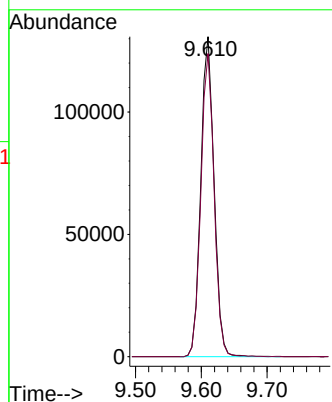
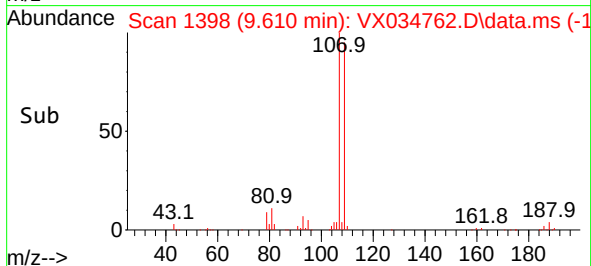
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 183860
Ion Ratio Lower Upper
107 100
109 94.6 75.3 112.9

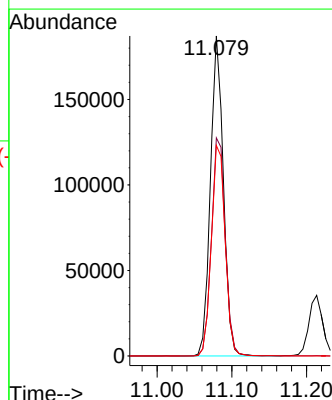
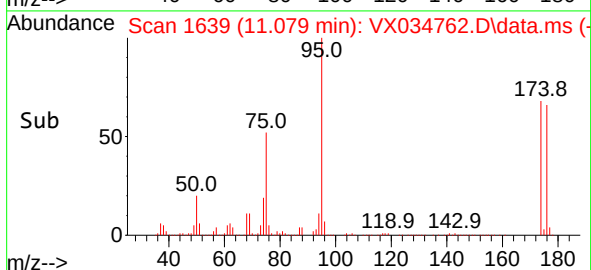
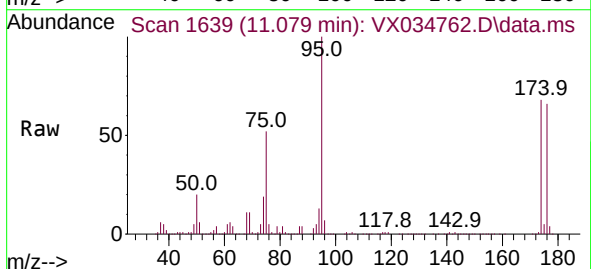
Manual Integrations
APPROVED

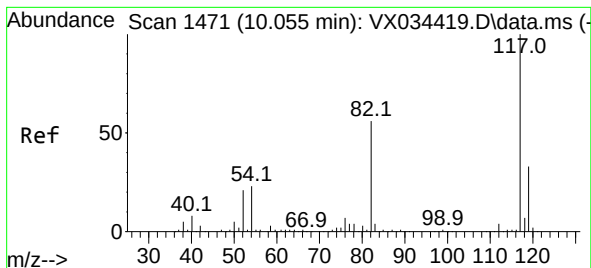
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#62
4-Bromofluorobenzene
Concen: 48.771 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

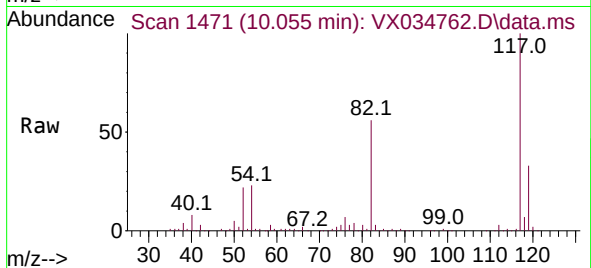
Tgt Ion: 95 Resp: 225367
Ion Ratio Lower Upper
95 100
174 72.7 0.0 147.4
176 70.4 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

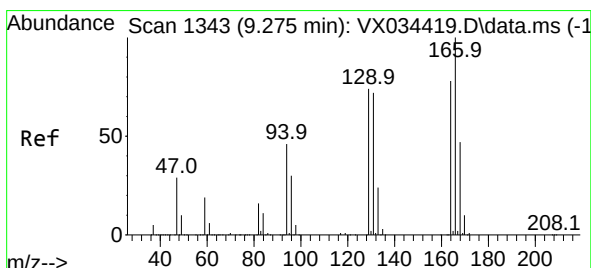
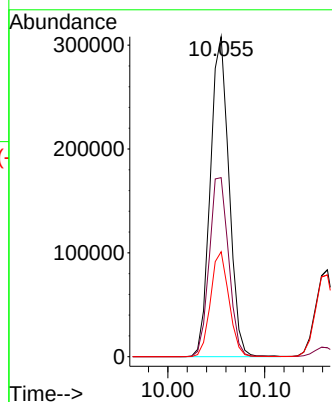
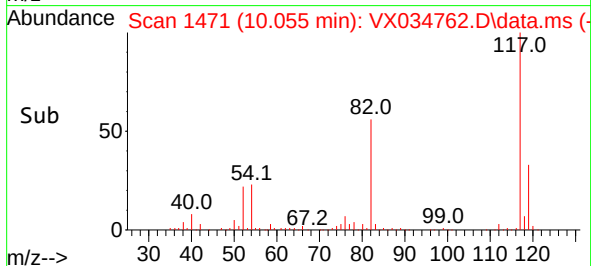
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 413660
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.4
119 32.8 26.0 39.0

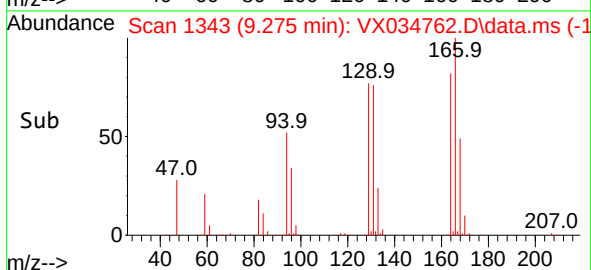
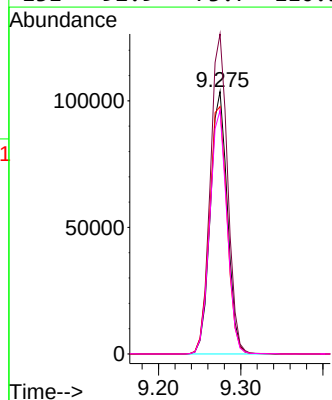
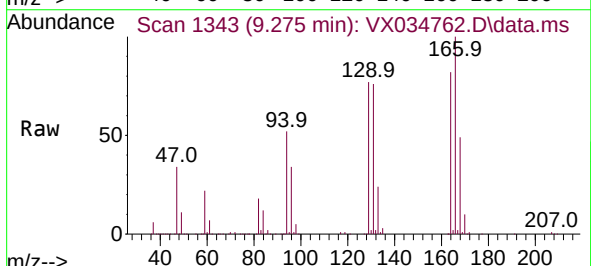
Manual Integrations
APPROVED

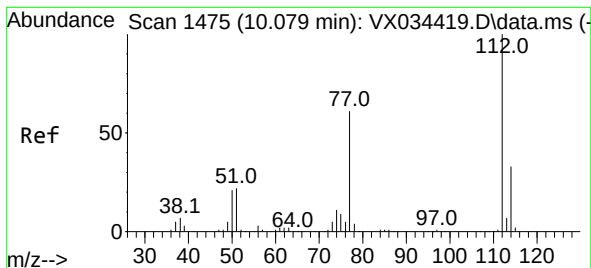
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#64
Tetrachloroethene
Concen: 53.566 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Tgt Ion:164 Resp: 148843
Ion Ratio Lower Upper
164 100
166 122.0 102.7 154.1
129 94.3 75.6 113.4
131 92.9 73.7 110.5





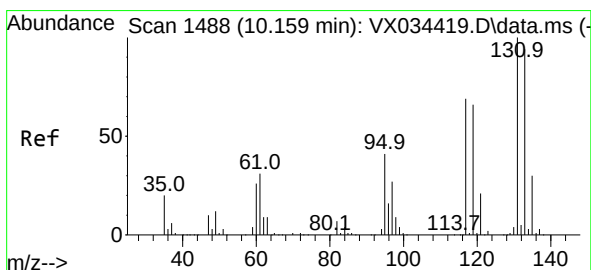
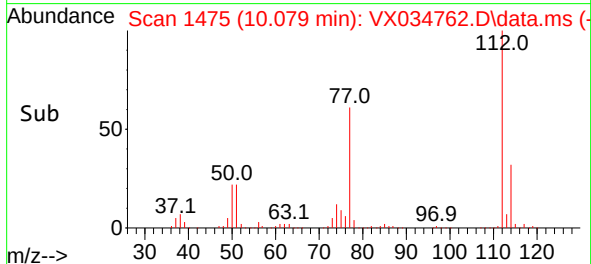
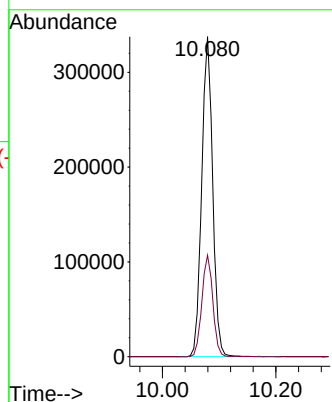
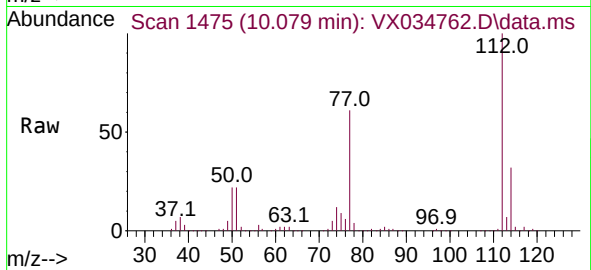
#65
Chlorobenzene
Concen: 49.910 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 452980
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.2

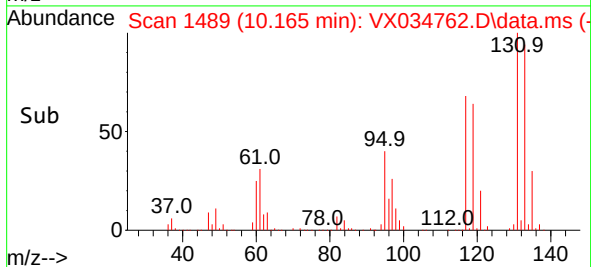
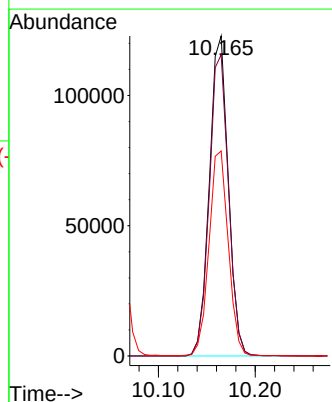
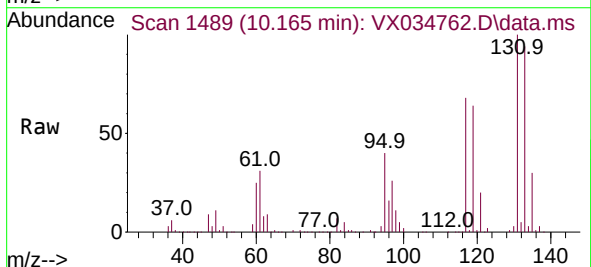
Manual Integrations
APPROVED

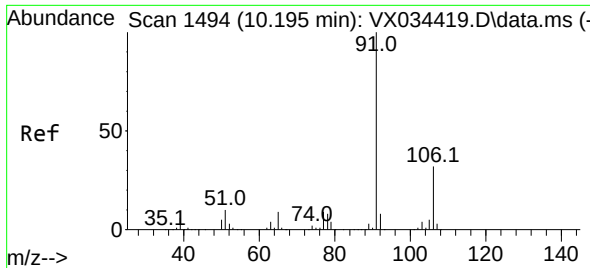
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.566 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

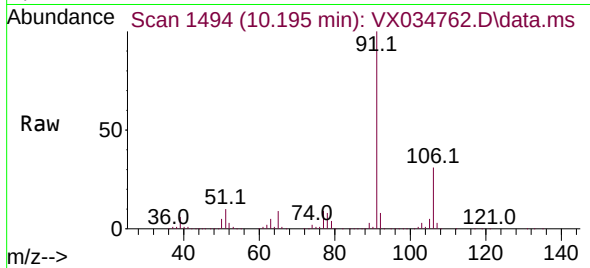
Tgt Ion:131 Resp: 167150
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 65.3 32.6 98.0





#67
Ethyl Benzene
Concen: 51.339 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

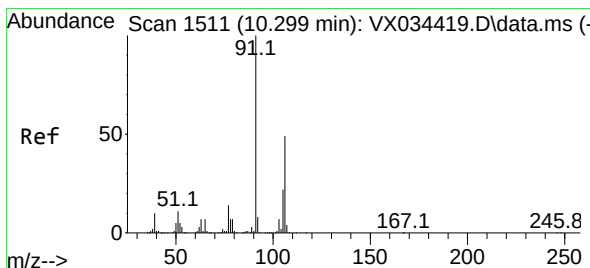
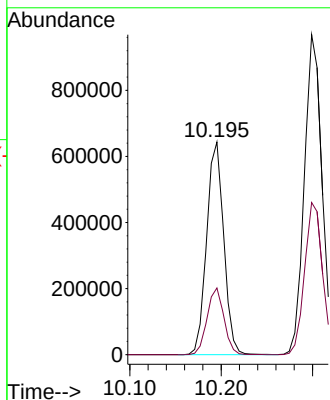
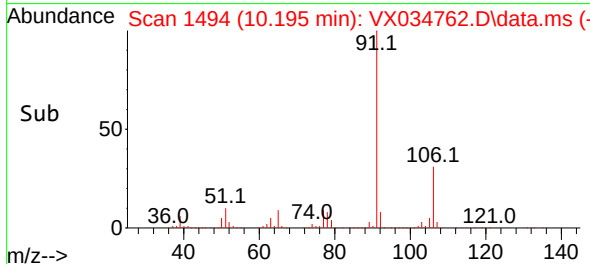
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



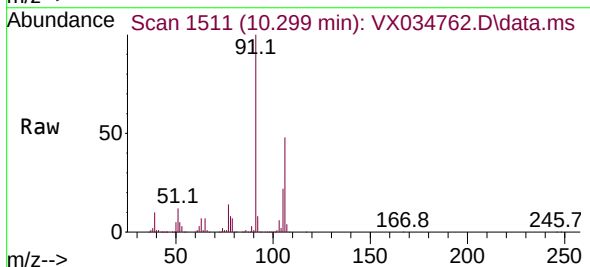
Tgt Ion: 91 Resp: 83416
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4

Manual Integrations
APPROVED

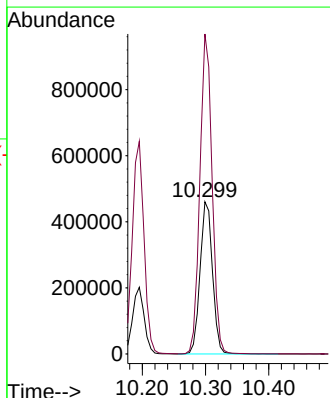
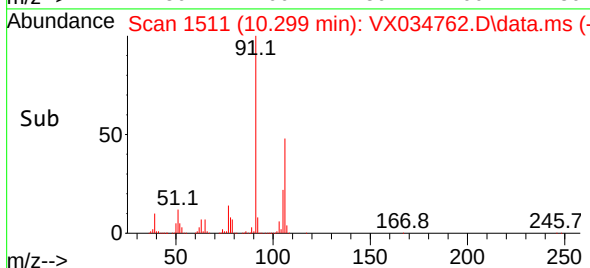
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

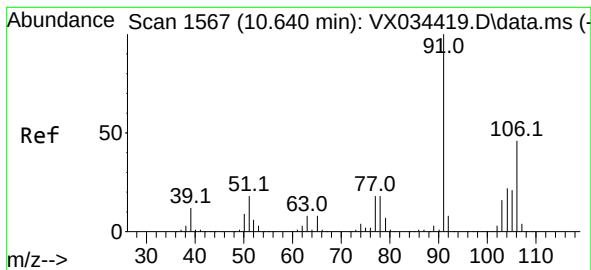


#68
m/p-Xylenes
Concen: 100.859 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04



Tgt Ion:106 Resp: 629521
Ion Ratio Lower Upper
106 100
91 207.3 164.0 246.0





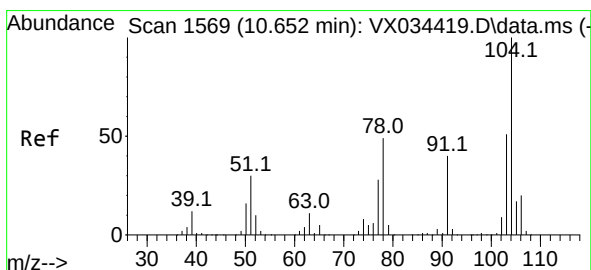
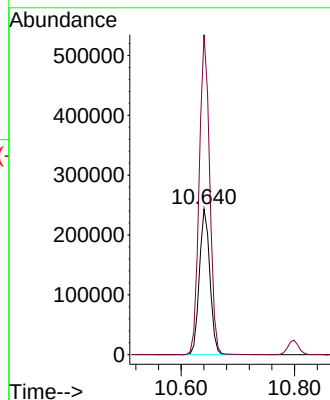
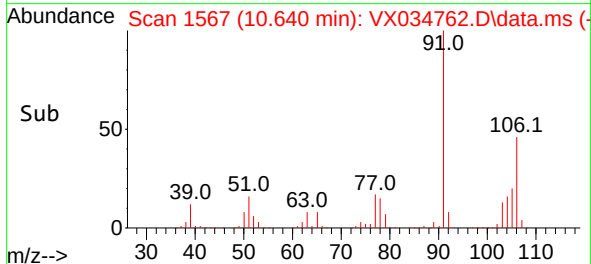
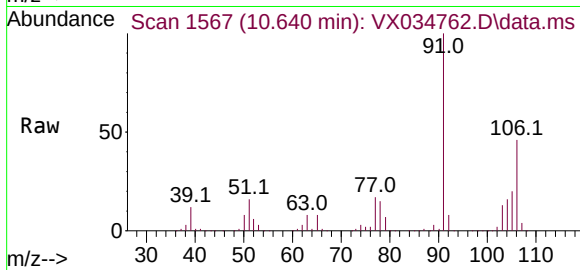
#69
o-Xylene
Concen: 49.846 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 31222
Ion Ratio Lower Upper
106 100
91 218.9 108.5 325.3

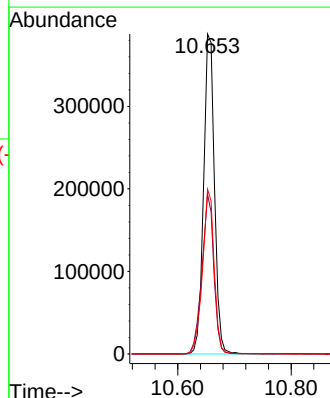
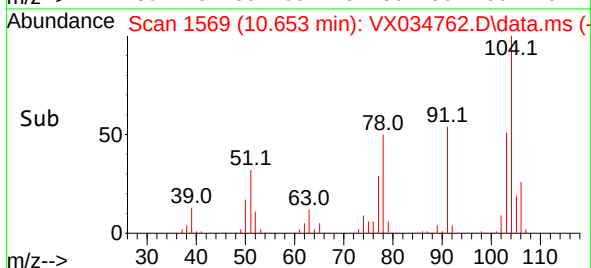
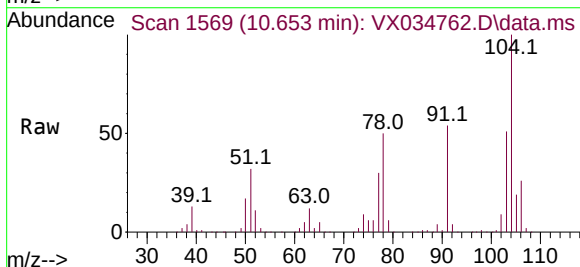
Manual Integrations
APPROVED

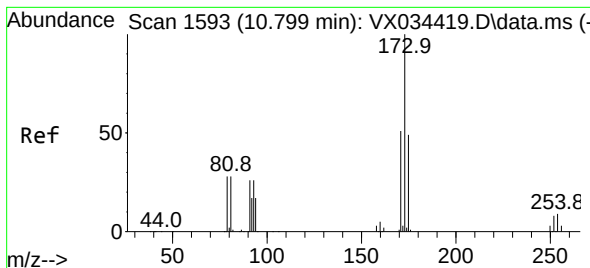
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#70
Styrene
Concen: 51.246 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

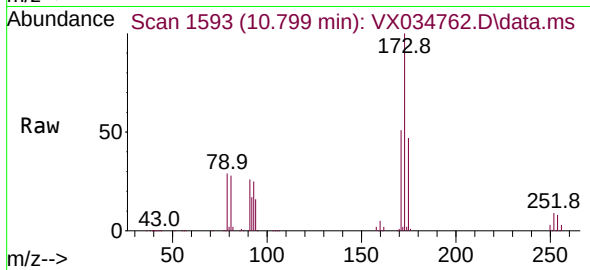
Tgt Ion:104 Resp: 517880
Ion Ratio Lower Upper
104 100
78 54.4 43.4 65.2
103 55.1 44.2 66.2





#71
Bromoform
Concen: 48.001 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

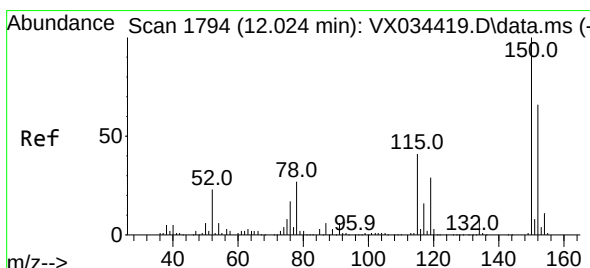
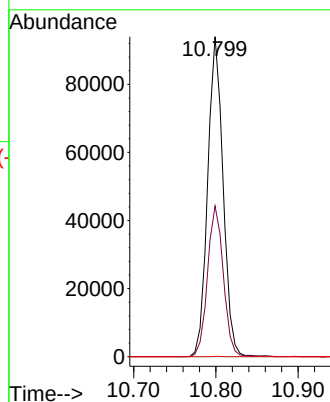
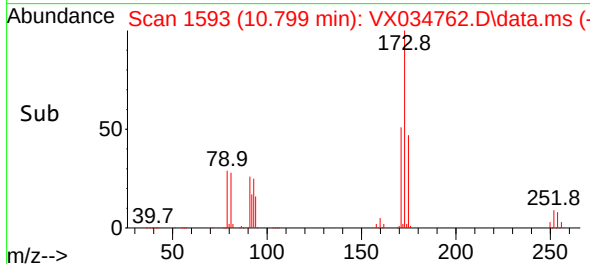
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



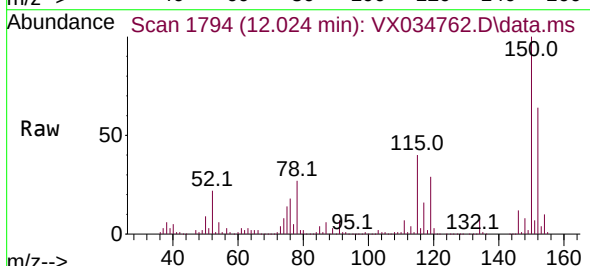
Tgt Ion:173 Resp: 122139
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.4
254 0.1 0.1 0.1

Manual Integrations
APPROVED

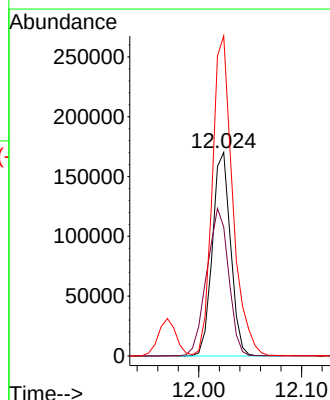
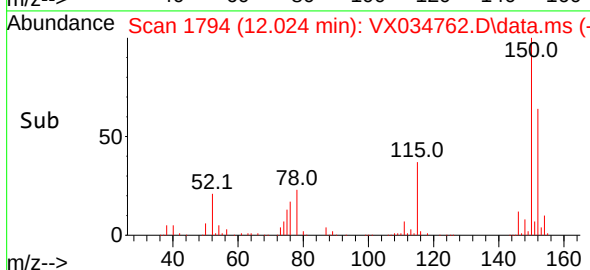
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

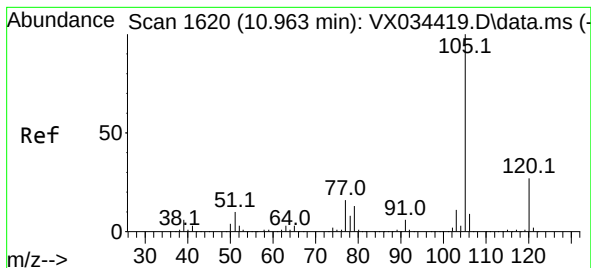


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04



Tgt Ion:152 Resp: 208830
Ion Ratio Lower Upper
152 100
115 87.4 45.0 135.0
150 176.4 0.0 352.4





#73

Isopropylbenzene

Concen: 50.299 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX034762.D

Acq: 27 Mar 2023 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 811830

Ion Ratio Lower Upper

105 100

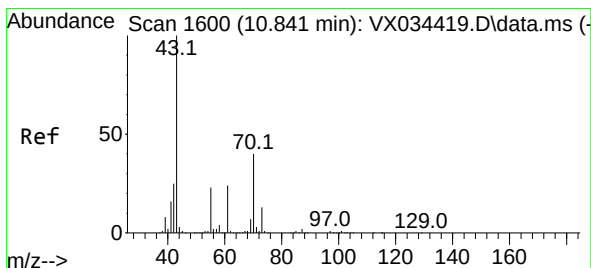
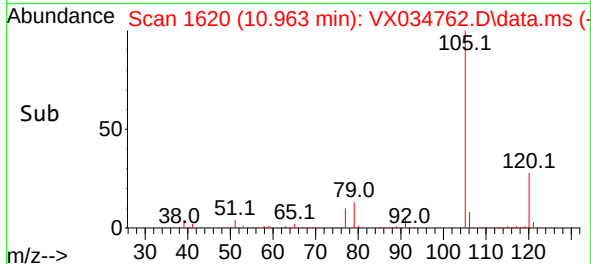
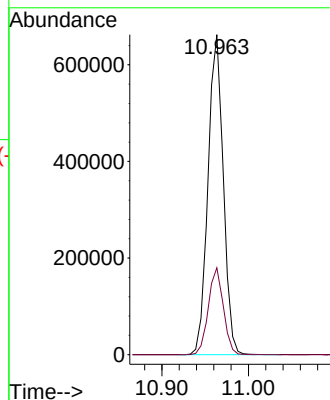
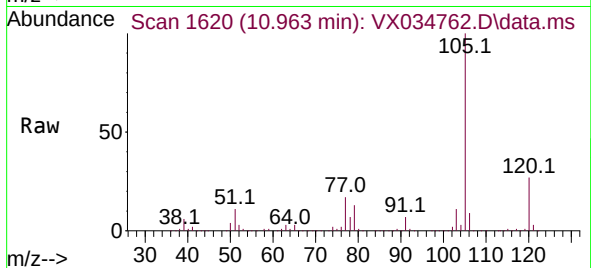
120 26.7 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#74

N-ethyl acetate

Concen: 51.181 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX034762.D

Acq: 27 Mar 2023 20:04

Tgt Ion: 43 Resp: 395661

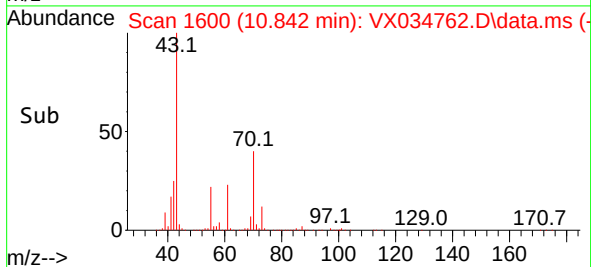
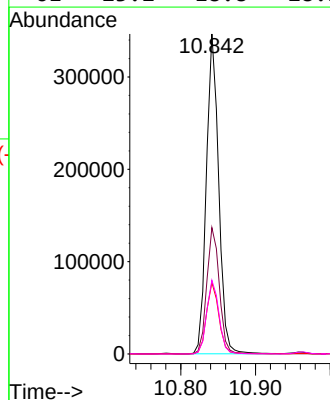
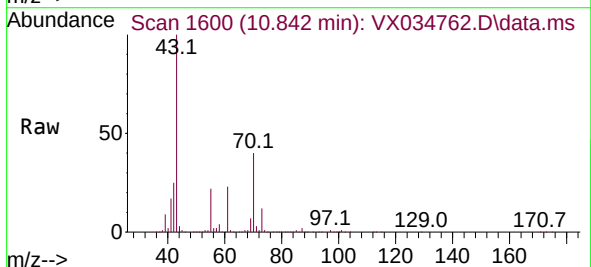
Ion Ratio Lower Upper

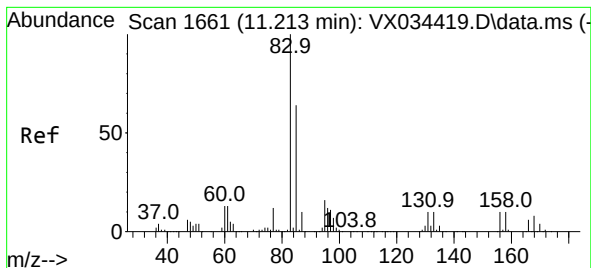
43 100

70 40.6 32.1 48.1

55 22.7 18.3 27.5

61 23.2 18.8 28.2





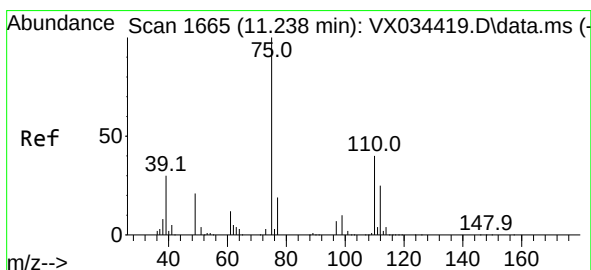
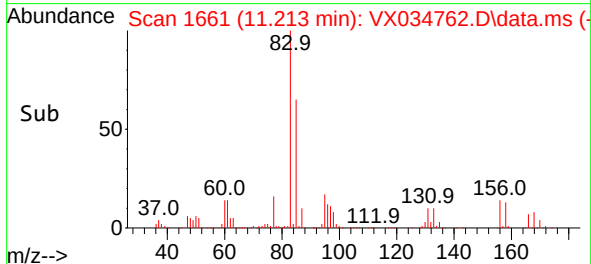
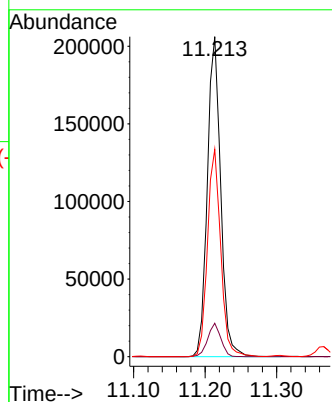
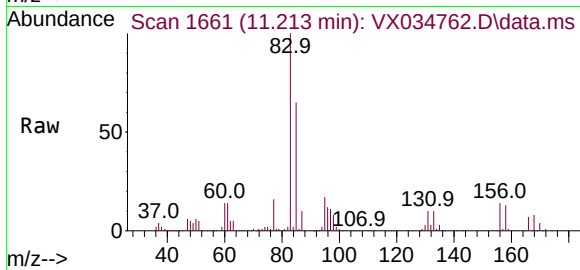
#75
1,1,2,2-Tetrachloroethane
Concen: 49.712 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 26774
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.3
85 64.2 32.0 96.0

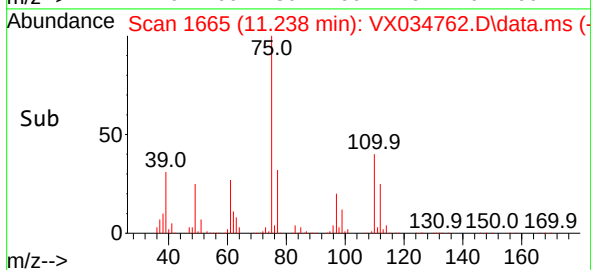
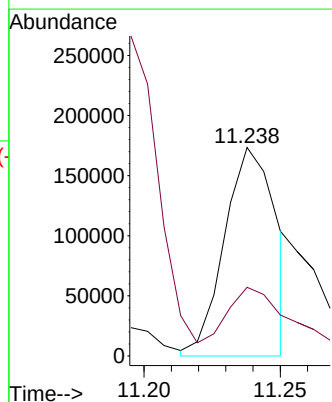
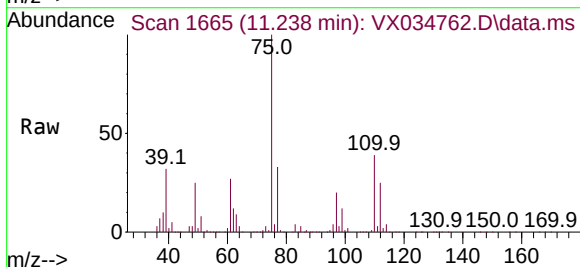
Manual Integrations
APPROVED

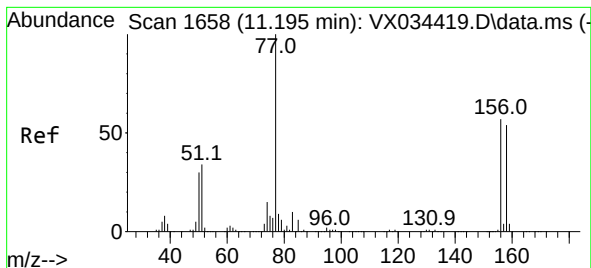
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#76
1,2,3-Trichloropropane
Concen: 47.391 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

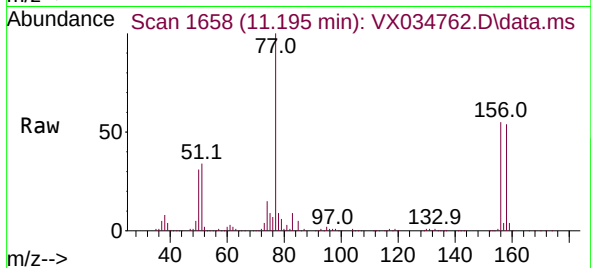
Tgt Ion: 75 Resp: 227237
Ion Ratio Lower Upper
75 100
77 43.4 21.6 64.8





#77
Bromobenzene
Concen: 49.577 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

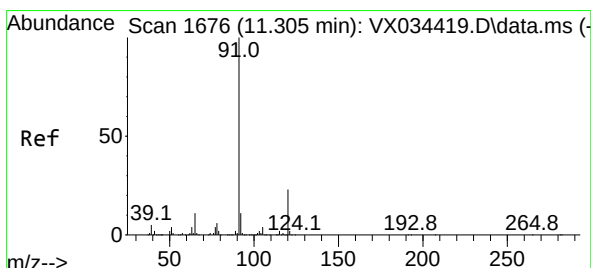
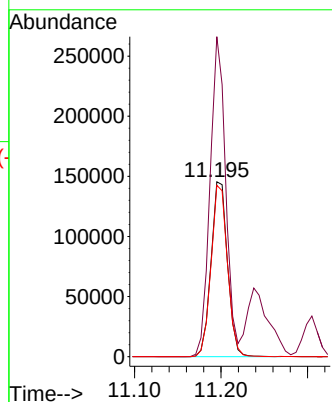
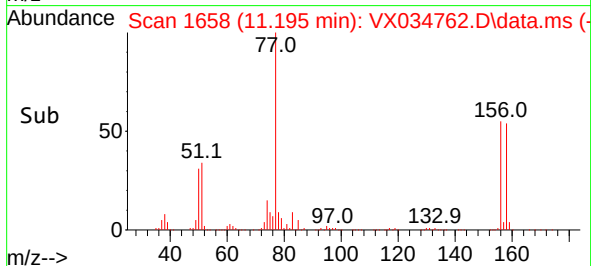
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



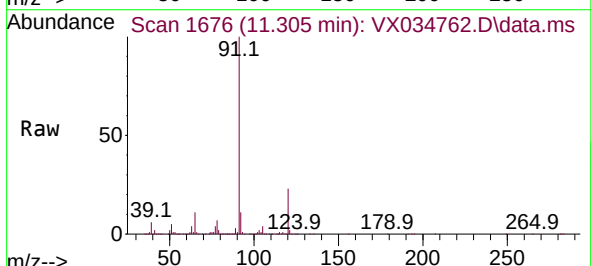
Tgt Ion:156 Resp: 191979
Ion Ratio Lower Upper
156 100
77 173.6 86.7 259.9
158 97.7 48.0 144.0

Manual Integrations
APPROVED

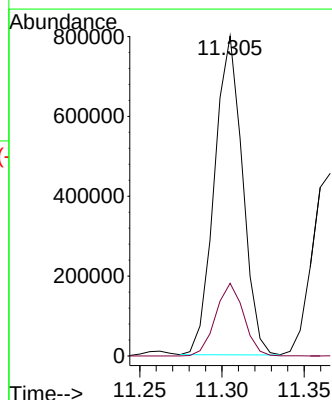
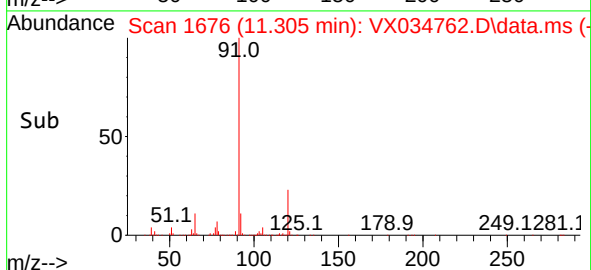
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

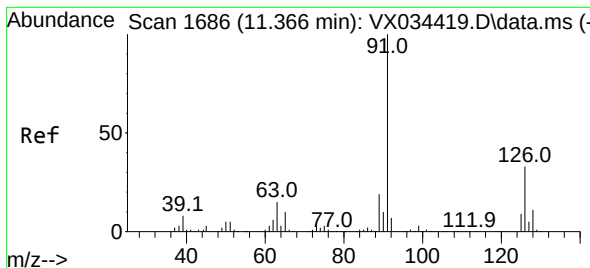


#78
n-propylbenzene
Concen: 50.931 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04



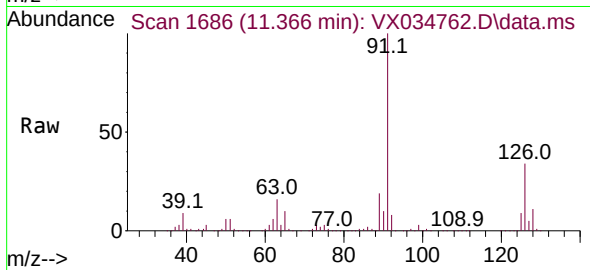
Tgt Ion: 91 Resp: 949359
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.5





#79
2-Chlorotoluene
Concen: 50.497 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

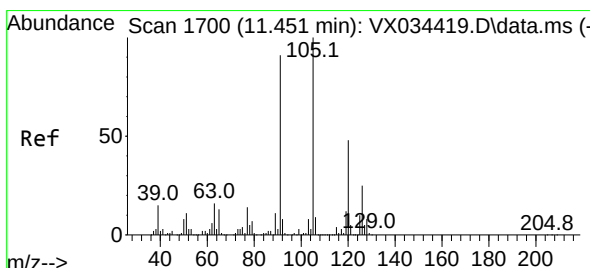
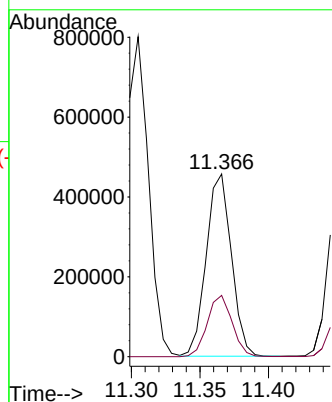
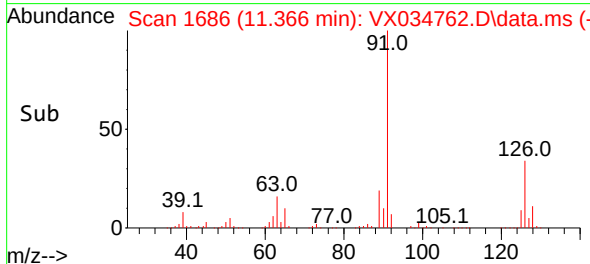
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



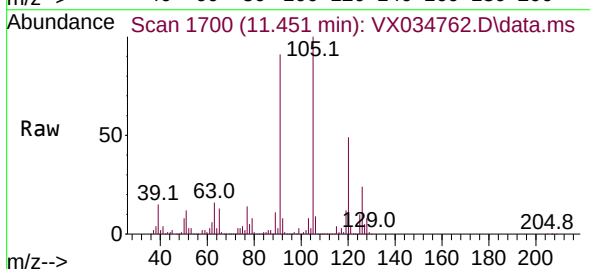
Tgt Ion: 91 Resp: 58132
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.9

Manual Integrations
APPROVED

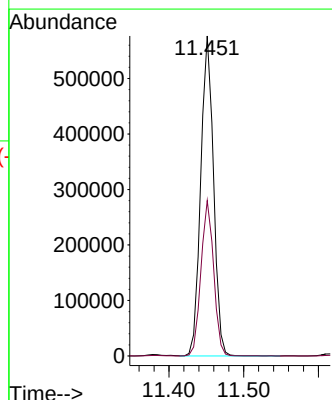
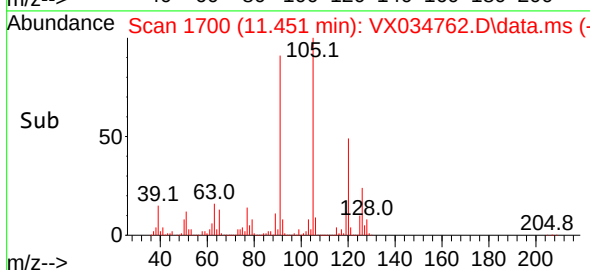
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

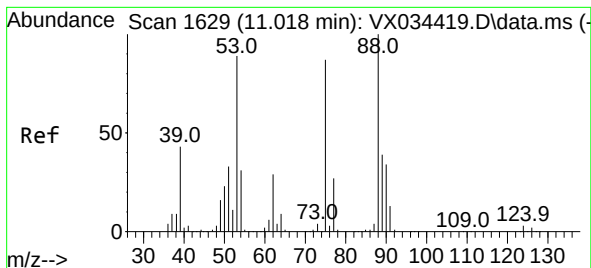


#80
1,3,5-Trimethylbenzene
Concen: 50.520 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04



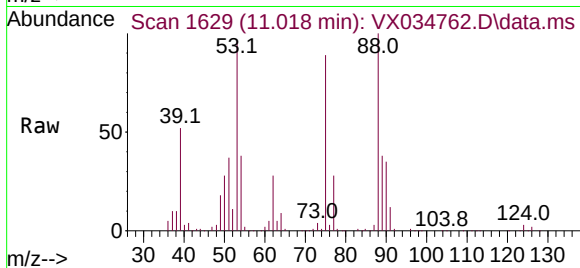
Tgt Ion:105 Resp: 683926
Ion Ratio Lower Upper
105 100
120 48.1 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 45.860 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

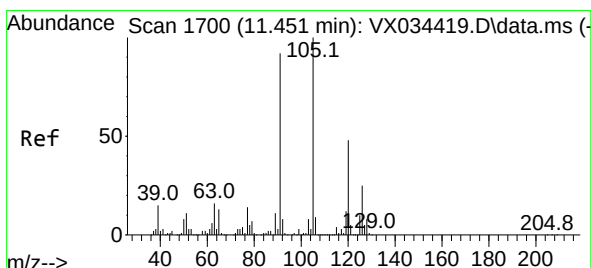
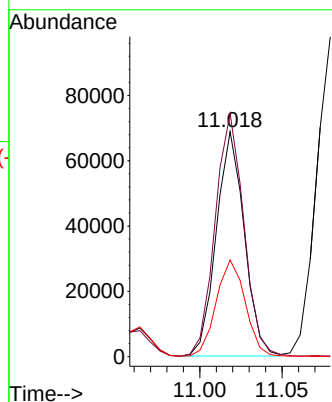
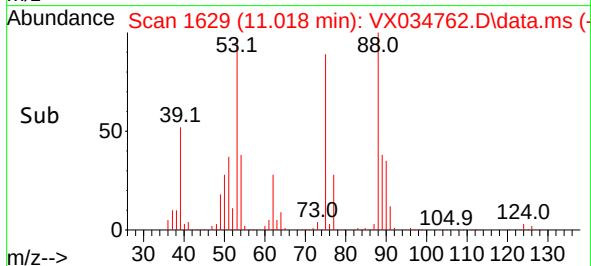
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



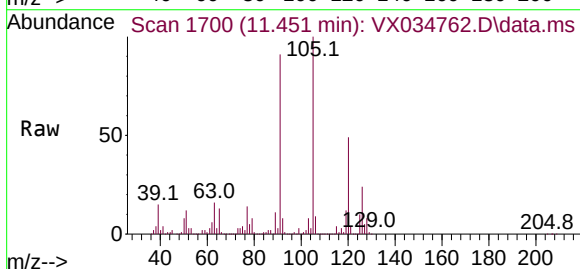
Tgt Ion: 75 Resp: 81284
Ion Ratio Lower Upper
75 100
53 111.0 82.6 124.0
89 45.3 36.9 55.3

Manual Integrations
APPROVED

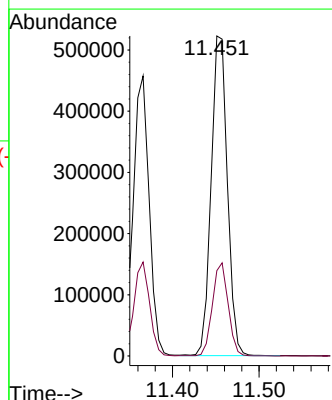
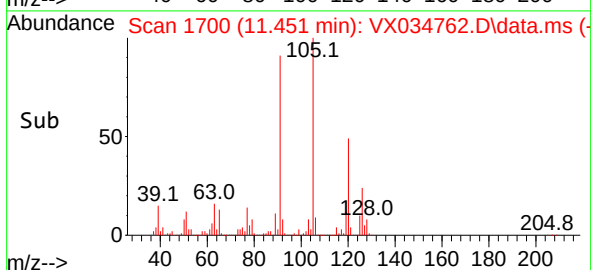
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

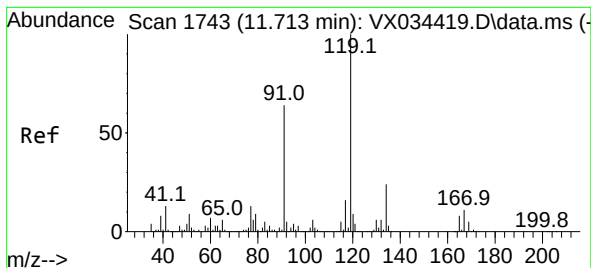


#82
4-Chlorotoluene
Concen: 51.337 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04



Tgt Ion: 91 Resp: 680731
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 48.317 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX034762.D

Acq: 27 Mar 2023 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 659504

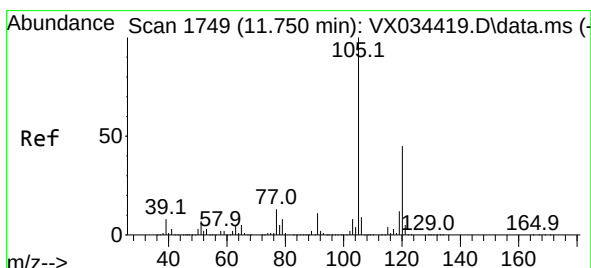
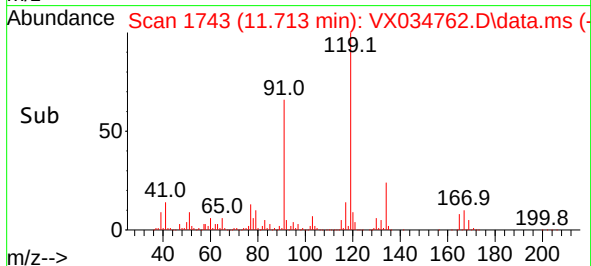
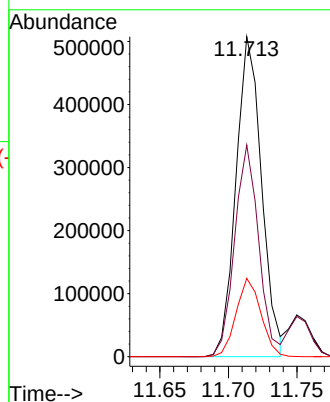
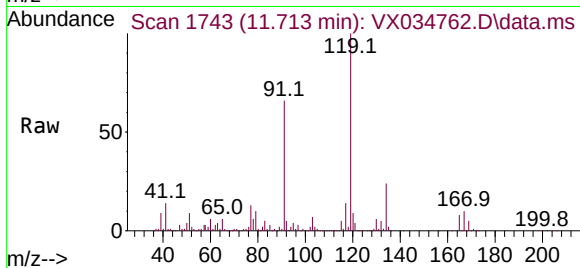
Ion	Ratio	Lower	Upper
119	100		
91	62.4	30.6	92.0
134	23.7	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#84

1,2,4-Trimethylbenzene

Concen: 50.213 ug/l

RT: 11.750 min Scan# 1749

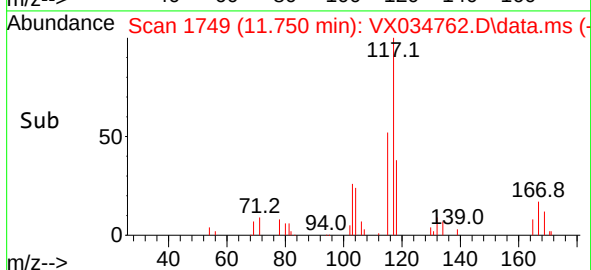
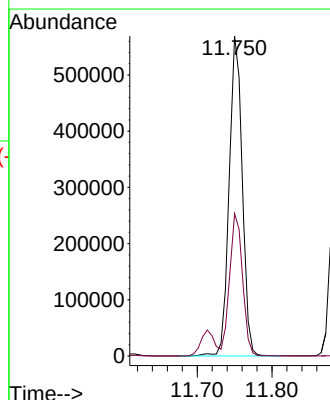
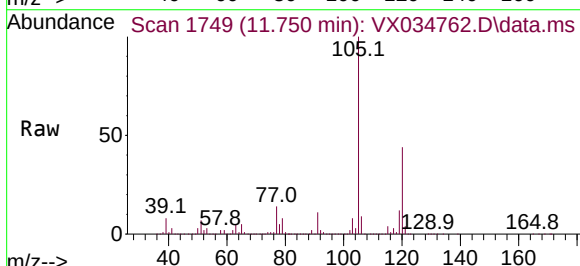
Delta R.T. 0.000 min

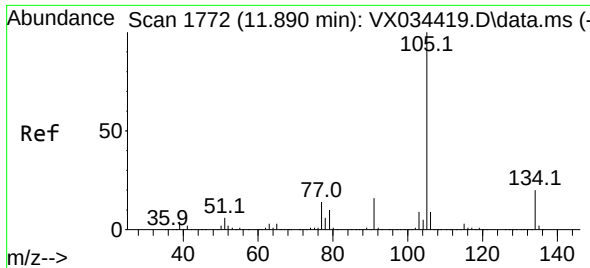
Lab File: VX034762.D

Acq: 27 Mar 2023 20:04

Tgt Ion:105 Resp: 694726

Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.4	67.0





#85
 sec-Butylbenzene
 Concen: 48.240 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034762.D
 Acq: 27 Mar 2023 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

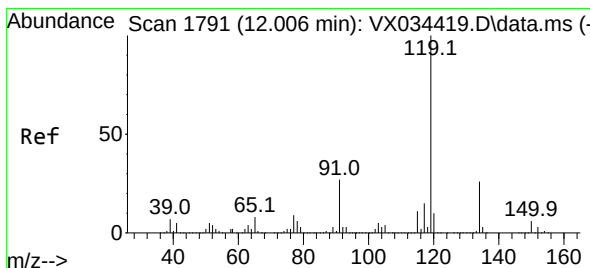
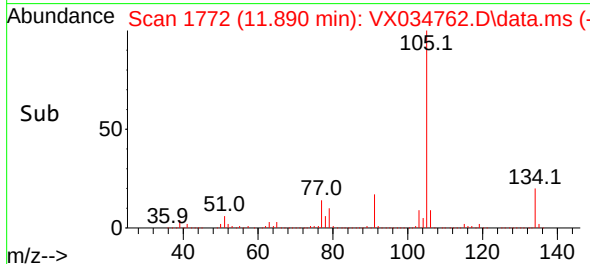
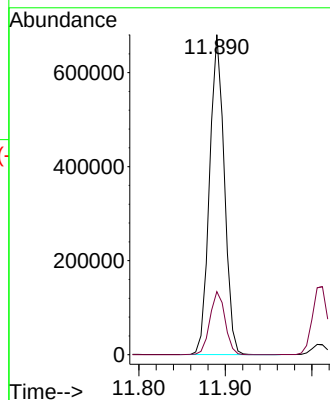
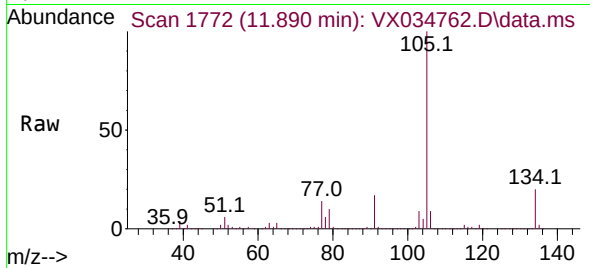
Tgt Ion:105 Resp: 804970
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4

Manual Integrations

APPROVED

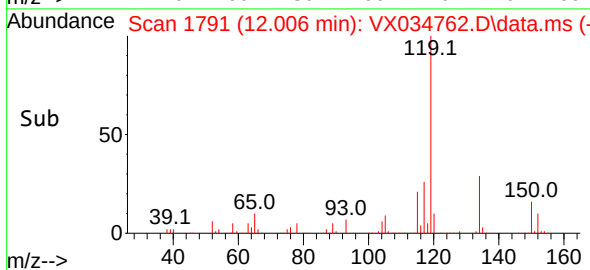
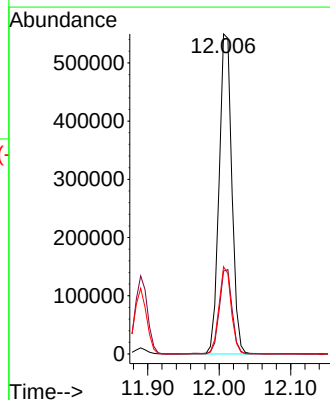
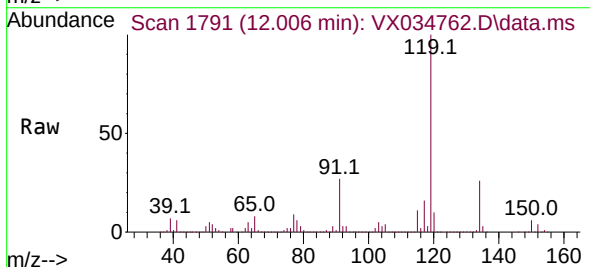
Reviewed By :John Carlone 03/28/2023

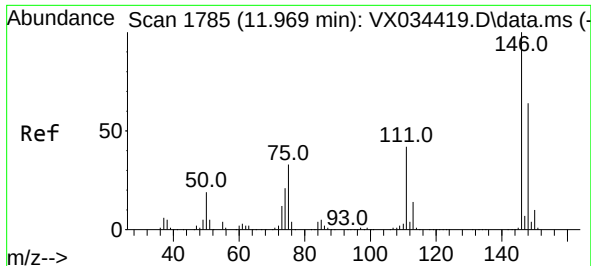
Supervised By :Semsettin Yesilyurt 03/28/2023



#86
 p-Isopropyltoluene
 Concen: 48.501 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX034762.D
 Acq: 27 Mar 2023 20:04

Tgt Ion:119 Resp: 680192
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 26.2 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 48.942 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034762.D

Acq: 27 Mar 2023 20:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

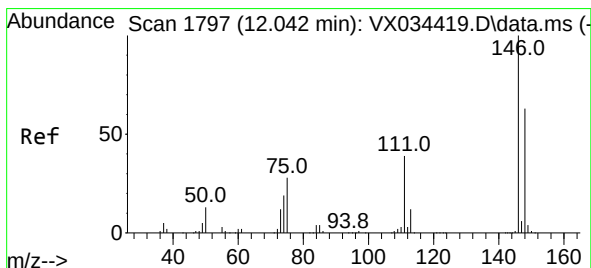
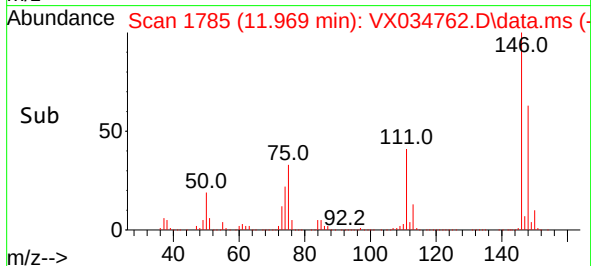
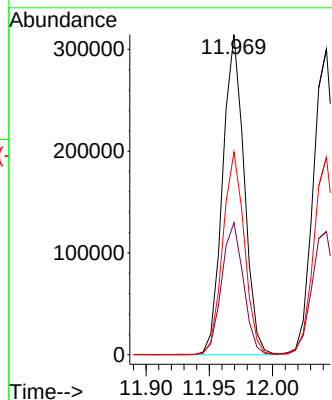
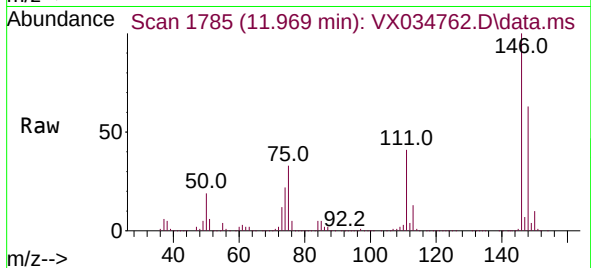
Tgt Ion:146 Resp: 371334
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.9 62.8
 148 63.4 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2023

Supervised By :Semsettin Yesilyurt 03/28/2023



#88

1,4-Dichlorobenzene

Concen: 48.678 ug/l

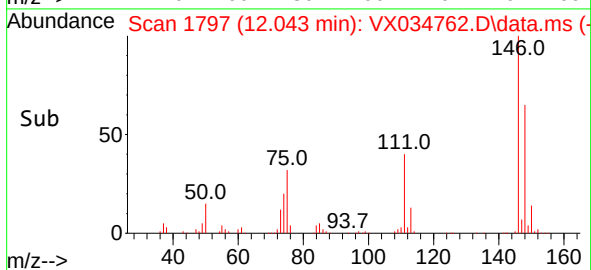
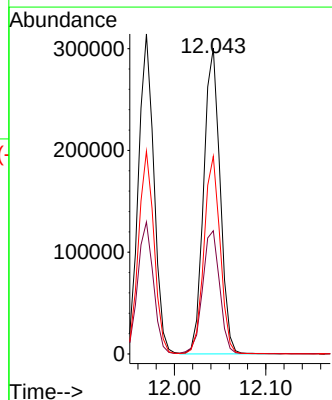
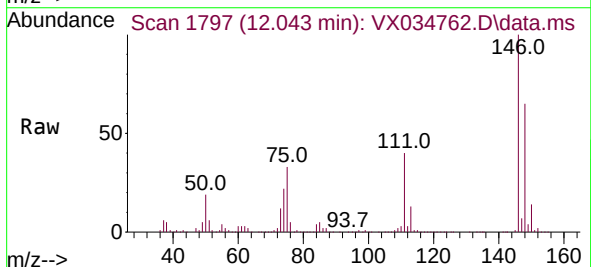
RT: 12.043 min Scan# 1797

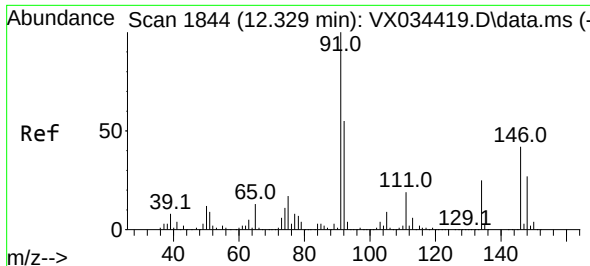
Delta R.T. 0.000 min

Lab File: VX034762.D

Acq: 27 Mar 2023 20:04

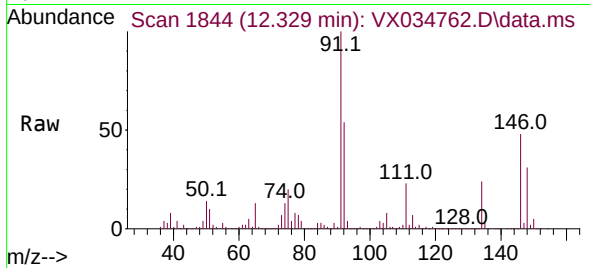
Tgt Ion:146 Resp: 373451
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.6 61.9
 148 63.7 31.8 95.4





#89
n-Butylbenzene
Concen: 47.346 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

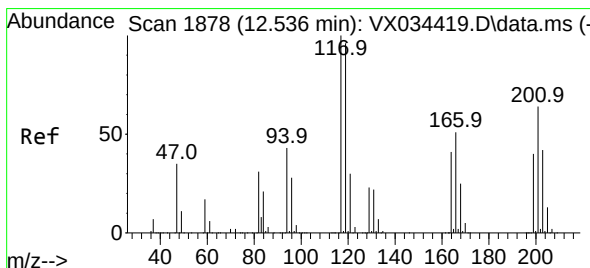
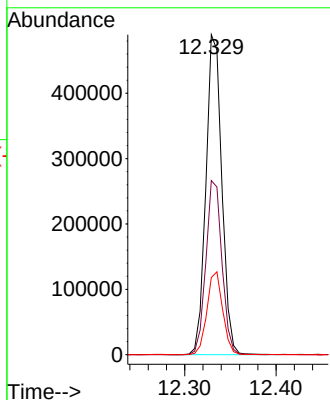
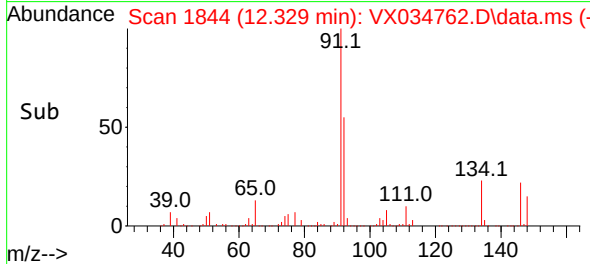
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 59028
Ion Ratio Lower Upper
91 100
92 54.9 27.7 83.0
134 25.7 13.0 38.9

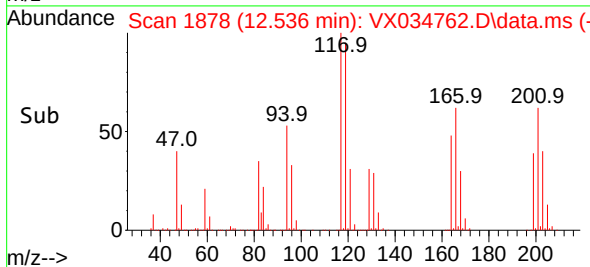
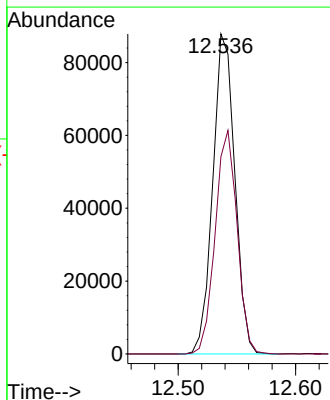
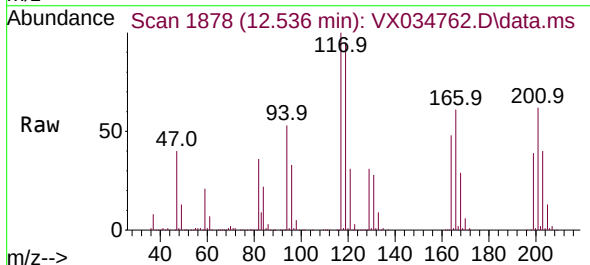
Manual Integrations
APPROVED

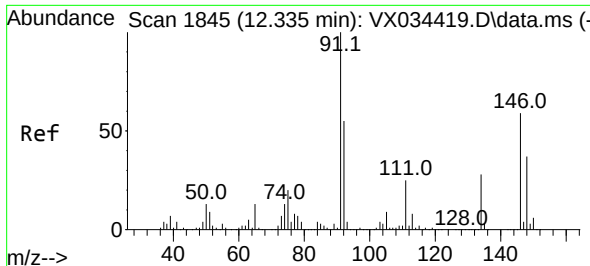
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#90
Hexachloroethane
Concen: 44.178 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

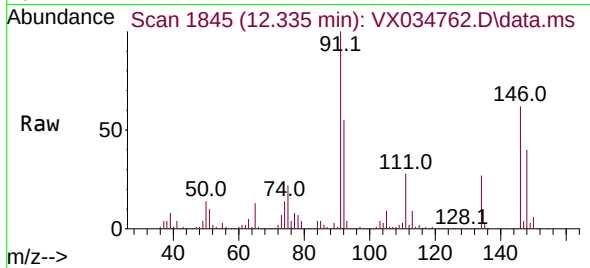
Tgt Ion:117 Resp: 114643
Ion Ratio Lower Upper
117 100
201 69.6 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 49.118 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

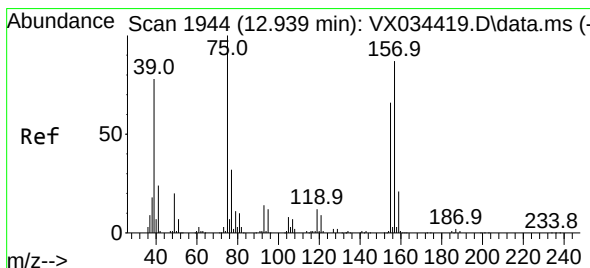
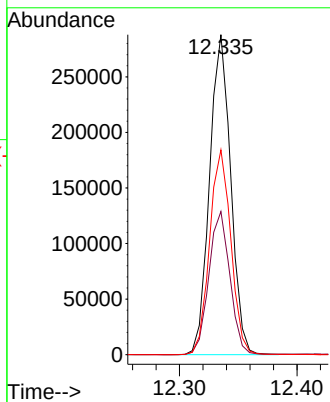
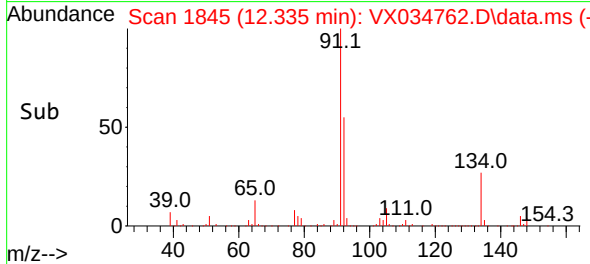
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



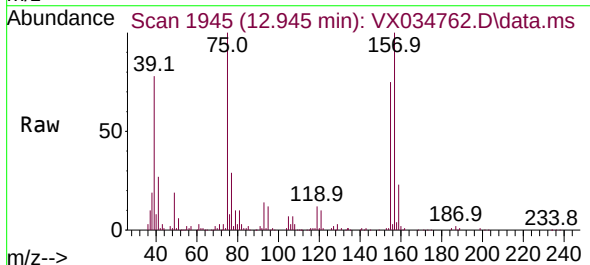
Tgt Ion:146 Resp: 360149
Ion Ratio Lower Upper
146 100
111 44.6 22.0 66.0
148 64.5 32.0 96.0

Manual Integrations
APPROVED

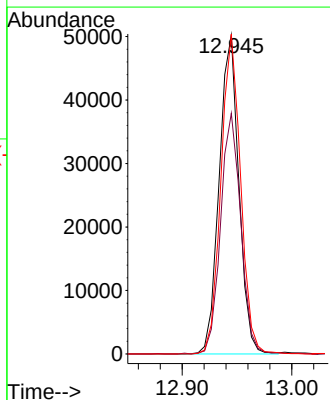
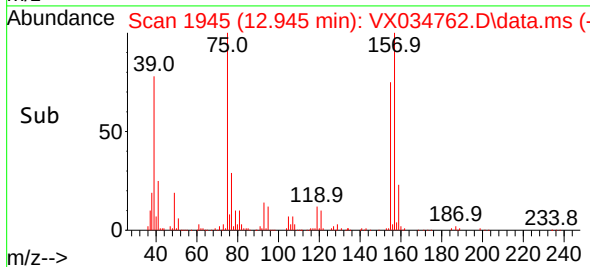
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023

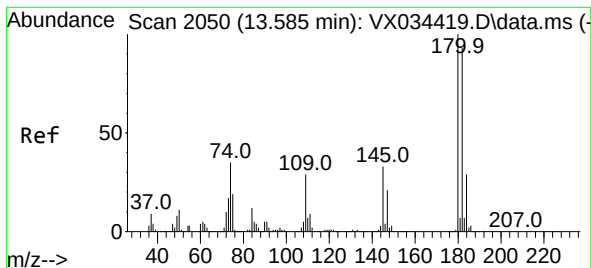


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.095 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04



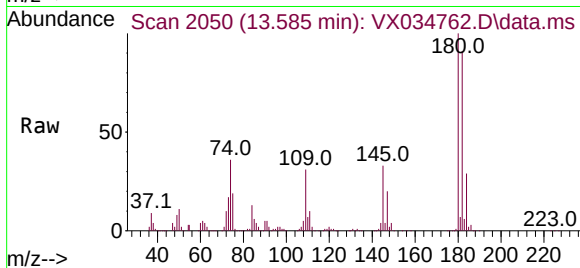
Tgt Ion: 75 Resp: 62523
Ion Ratio Lower Upper
75 100
155 77.6 38.4 115.1
157 100.2 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 48.737 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

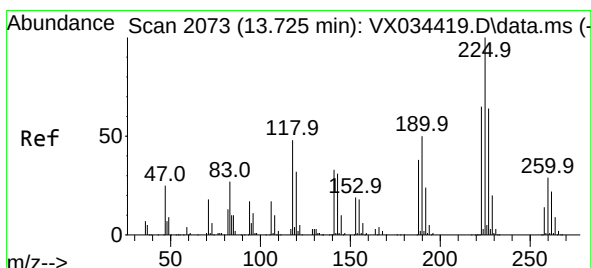
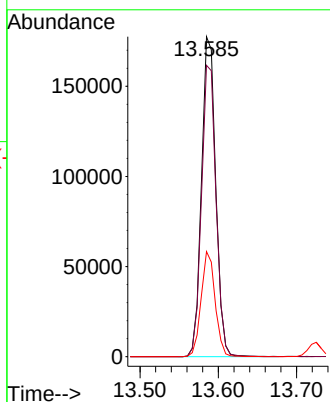
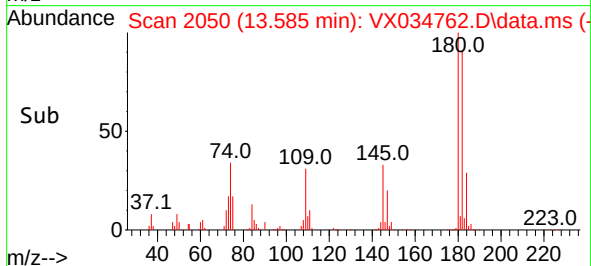
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 223474
Ion Ratio Lower Upper
180 100
182 93.2 47.0 141.0
145 32.4 15.9 47.7

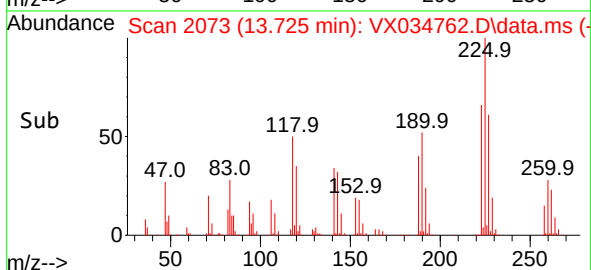
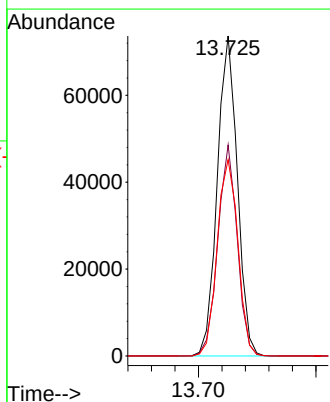
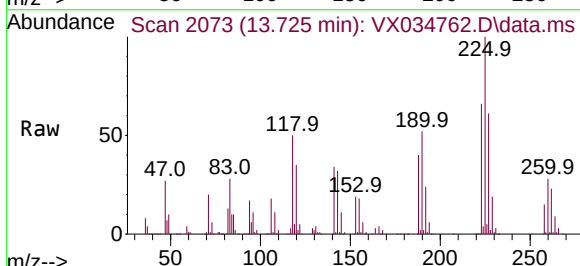
Manual Integrations
APPROVED

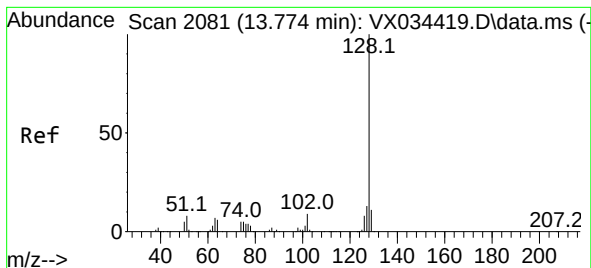
Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#94
Hexachlorobutadiene
Concen: 47.300 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

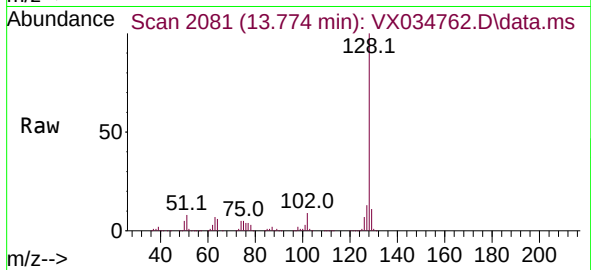
Tgt Ion:225 Resp: 87376
Ion Ratio Lower Upper
225 100
223 63.5 32.1 96.5
227 63.4 31.8 95.4





#95
Naphthalene
Concen: 51.250 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04

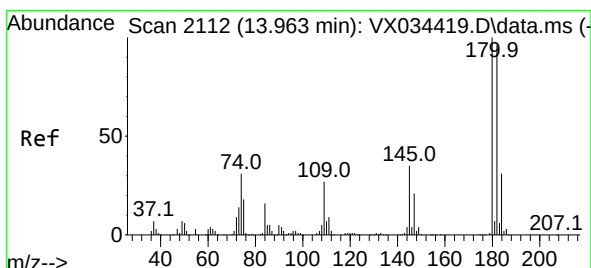
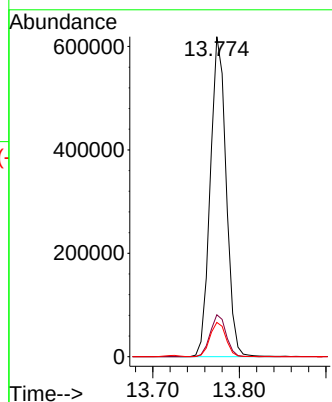
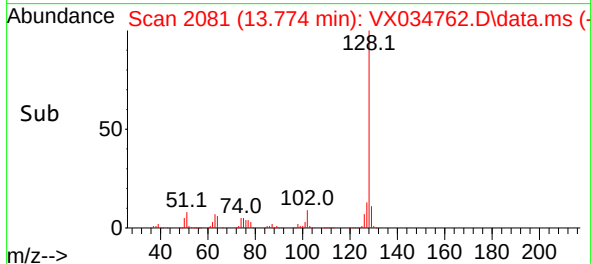
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



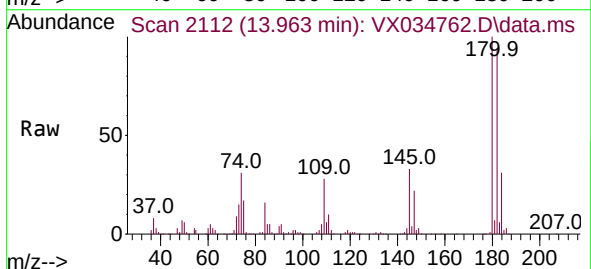
Tgt Ion:128 Resp: 78802
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2023
Supervised By :Semsettin Yesilyurt 03/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.048 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034762.D
Acq: 27 Mar 2023 20:04



Tgt Ion:180 Resp: 215360
Ion Ratio Lower Upper
180 100
182 95.1 48.0 144.2
145 34.5 17.7 53.1

