

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
 Data File : VX041778.D
 Acq On : 07 Jun 2024 09:55
 Operator : JC/MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/10/2024
 Supervised By : Mahesh Dadoda 06/10/2024

Quant Time: Jun 08 04:01:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	26614	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	150060	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	139752	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	64421	30.738	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.467%			
60) 4-Bromofluorobenzene	11.079	95	68125	31.227	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 104.100%			
63) Toluene-d8	8.647	98	177187	29.577	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28510	20.481	ug/l	100
3) Chloromethane	1.301	50	30839	20.231	ug/l	99
4) Vinyl Chloride	1.374	62	32048	19.969	ug/l	100
5) Bromomethane	1.599	94	21536	21.098	ug/l	97
6) Chloroethane	1.666	64	19895	24.519	ug/l	100
7) Trichlorofluoromethane	1.867	101	51820	21.272	ug/l	95
8) Diethyl Ether	2.136	74	21279	23.391	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	32512	23.015	ug/l	99
10) 1,1-Dichloroethene	2.306	96	29533	21.689	ug/l	96
11) Methyl Iodide	2.441	142	38481	23.728	ug/l	96
12) Methyl Acetate	2.709	43	59791	29.156	ug/l	94
13) Acrolein	2.239	56	15820	63.368	ug/l	95
14) Acrylonitrile	3.068	53	107489	119.217	ug/l	99
15) Acetone	2.392	58	29848	123.556	ug/l	97
16) Carbon Disulfide	2.502	76	50276	16.353	ug/l	99
17) Allyl chloride	2.654	41	52894	21.890	ug/l	95
18) Methylene Chloride	2.782	84	36748	22.691	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	30893	19.786	ug/l	98
20) Diisopropyl ether	3.763	45	111965	22.053	ug/l	92
21) 1,1-Dichloroethane	3.605	63	61820	21.696	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	38748	20.422	ug/l	99
23) tert-Butyl Alcohol	2.995	59	38983	101.884	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	108365	21.317	ug/l	98
25) Chloroform	5.093	83	65255	21.497	ug/l	98
26) Cyclohexane	5.464	56	46797	19.695	ug/l #	99
29) 1,1-Dichloropropene	5.684	75	39177	19.736	ug/l	98
30) 2-Butanone	4.568	43	155039	117.671	ug/l	98
31) 2,2-Dichloropropane	4.471	77	45792	19.656	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	54155	20.332	ug/l	98
33) Carbon Tetrachloride	5.672	117	45999	20.184	ug/l	99
34) Benzene	6.031	78	133166	21.242	ug/l	99
35) Methacrylonitrile	4.922	41	30996	23.321	ug/l	95
36) 1,2-Dichloroethane	6.086	62	50967	21.786	ug/l	100
37) Trichloroethene	7.123	130	35129	20.112	ug/l	96
38) Methylcyclohexane	7.373	83	48907	19.404	ug/l	98
39) 1,2-Dichloropropane	7.427	63	32881	22.188	ug/l	99
40) Dibromomethane	7.580	93	25308	21.699	ug/l	96
41) Bromodichloromethane	7.818	83	46158	21.080	ug/l	98
42) Vinyl Acetate	3.721	43	481474	105.324	ug/l	99

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 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
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Reviewed By : John Carlone 06/10/2024
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	57539	22.633	ug/l	100
44) Isopropyl Acetate	6.342	43	85455	22.237	ug/l	100
45) 1,4-Dioxane	7.665	88	14743	340.178	ug/l #	79
46) Methyl methacrylate	7.696	41	42432	22.192	ug/l	95
47) n-amyl Acetate	10.841	43	74225	21.299	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	43341	19.710	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	49436	20.756	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	36372	22.418	ug/l	98
51) Ethyl methacrylate	9.116	69	56048	21.462	ug/l	96
52) 1,3-Dichloropropane	9.305	76	60355	22.512	ug/l	100
53) Dibromochloromethane	9.519	129	37990	20.579	ug/l	100
54) 1,2-Dibromoethane	9.610	107	37381	21.727	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	132461	103.915	ug/l	99
56) Bromoform	10.799	173	29447	19.910	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	307299	120.345	ug/l	99
59) 2-Hexanone	9.433	43	237072	116.542	ug/l	99
61) Tetrachloroethene	9.269	164	34197	20.000	ug/l	95
62) Toluene	8.714	91	146230	21.029	ug/l	100
64) Chlorobenzene	10.079	112	100881	21.358	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	35356	21.148	ug/l	99
66) Ethyl Benzene	10.195	91	163012	21.111	ug/l	99
67) m/p-Xylenes	10.299	106	129131	42.766	ug/l	98
68) o-Xylene	10.640	106	63707	20.960	ug/l	99
69) Styrene	10.652	104	108755	21.340	ug/l	100
70) Isopropylbenzene	10.963	105	167979	21.871	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	60493	22.928	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	48845m	20.528	ug/l	
73) Bromobenzene	11.195	156	47296	20.958	ug/l	98
74) n-propylbenzene	11.305	91	186743	21.563	ug/l	99
75) 2-Chlorotoluene	11.366	91	117969	21.692	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	139163	21.228	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	15143	20.248	ug/l	97
78) 4-Chlorotoluene	11.451	91	132189	21.341	ug/l	100
79) tert-butylbenzene	11.713	119	148017	21.215	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	140915	21.446	ug/l	100
81) sec-Butylbenzene	11.890	105	173363	21.264	ug/l	100
82) p-Isopropyltoluene	12.006	119	151027	21.161	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	84116	20.783	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	85473	20.900	ug/l	99
85) n-Butylbenzene	12.329	91	117549	20.468	ug/l	99
86) Hexachloroethane	12.536	117	24173	20.118	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	87958	21.292	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	12491	21.557	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	56252	20.266	ug/l	99
90) Hexachlorobutadiene	13.725	225	28283	20.886	ug/l	99
91) Naphthalene	13.774	128	174308	21.011	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	59239	20.889	ug/l	99

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

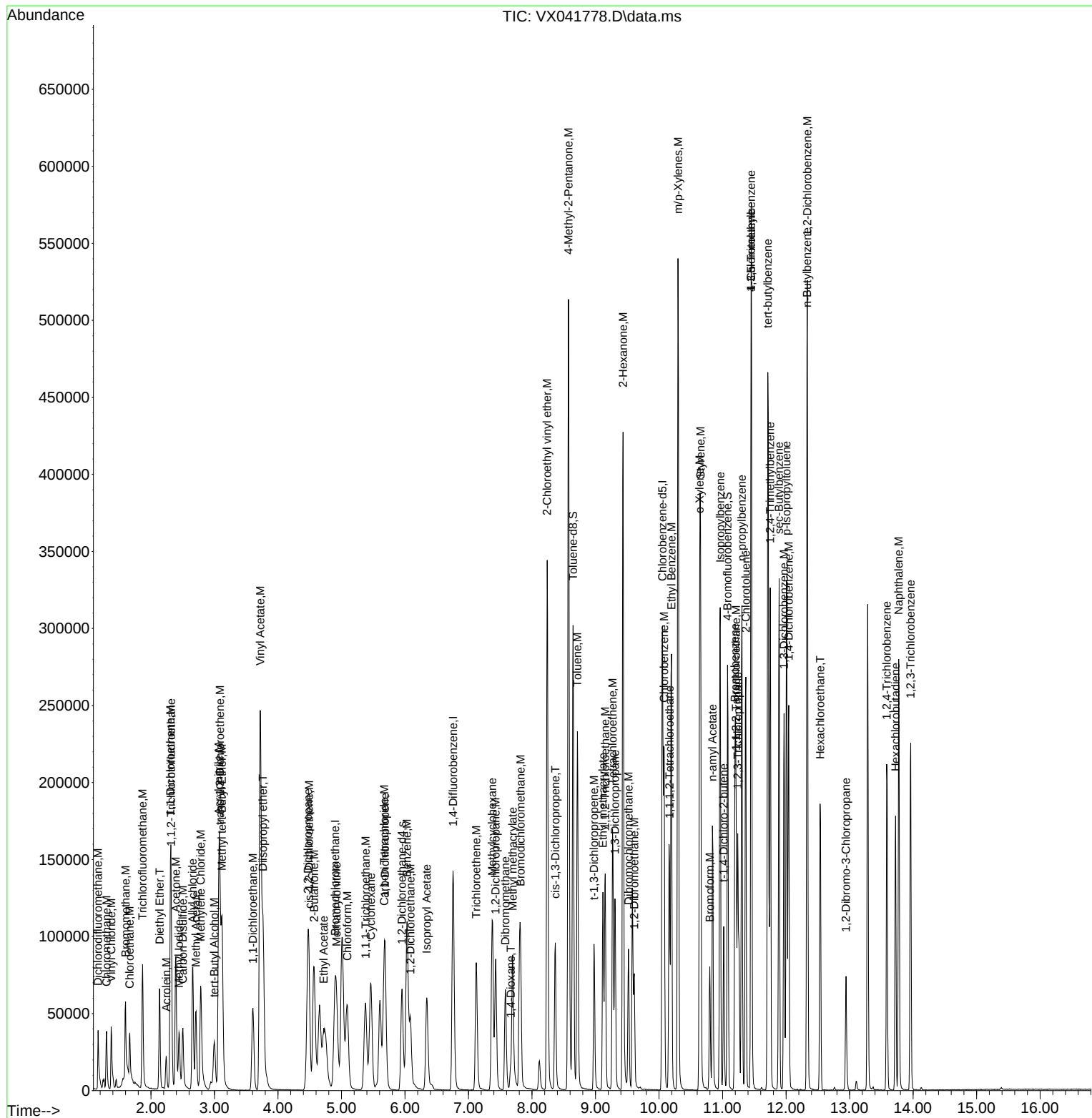
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Data File : VX041778.D
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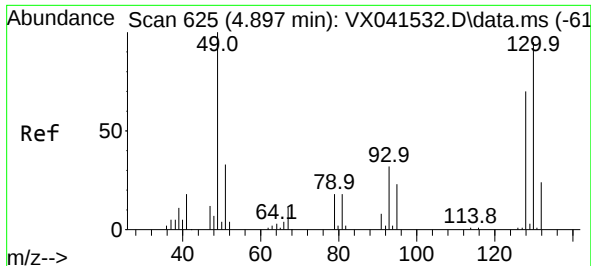
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/10/2024

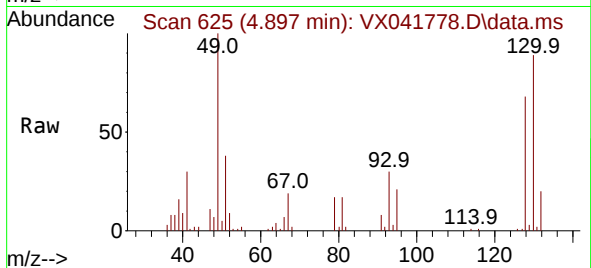
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 16 05:13:13 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

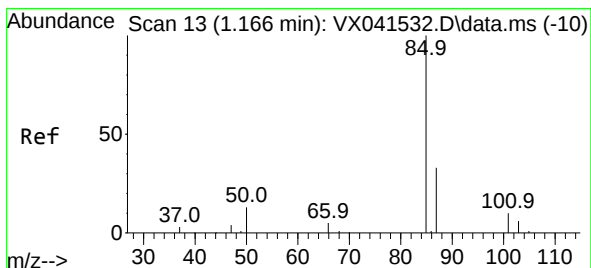
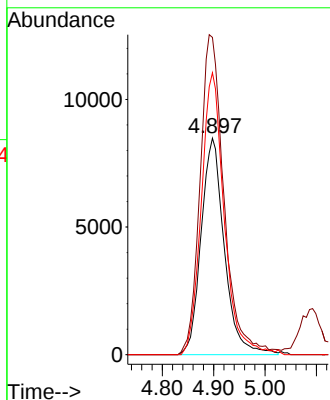
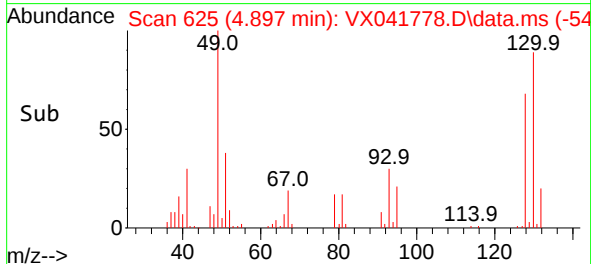
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 26614
Ion Ratio Lower Upper
128 100
49 151.3 0.0 361.5
130 128.7 0.0 324.3

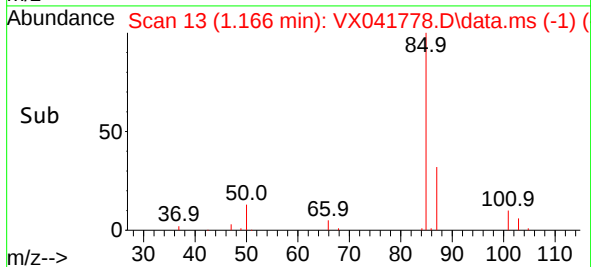
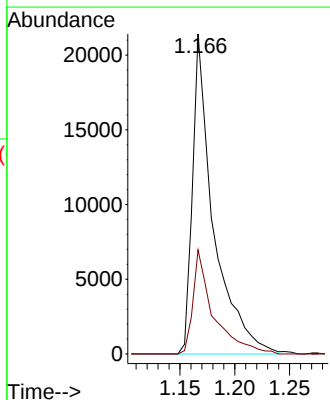
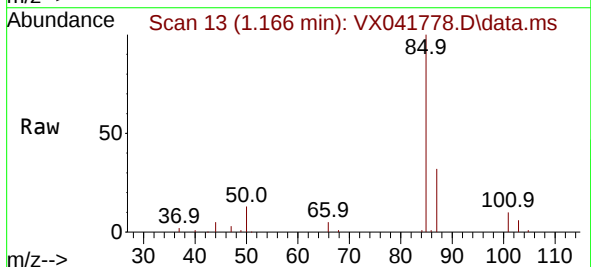
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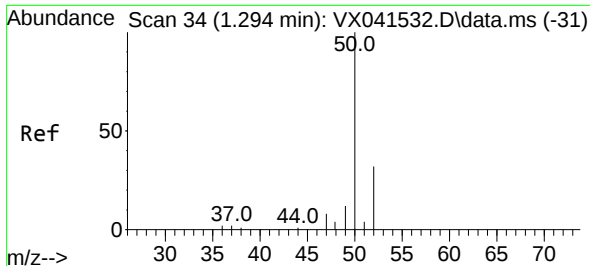
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#2
Dichlorodifluoromethane
Concen: 20.481 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Tgt Ion: 85 Resp: 28510
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.1





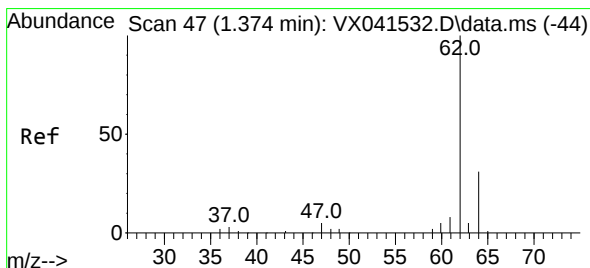
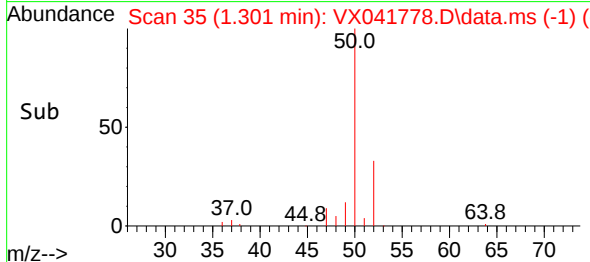
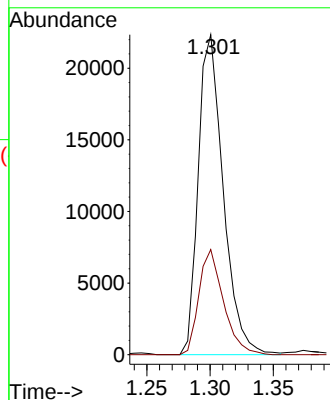
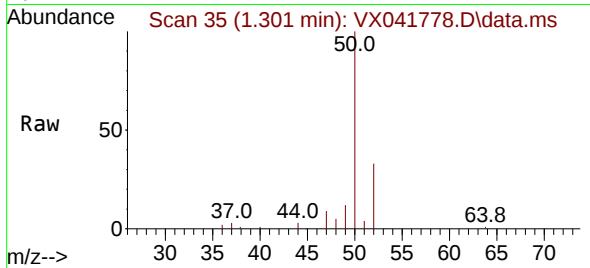
#3
Chloromethane
Concen: 20.231 ug/l
RT: 1.301 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 30839
Ion Ratio Lower Upper
50 100
52 32.8 25.8 38.8

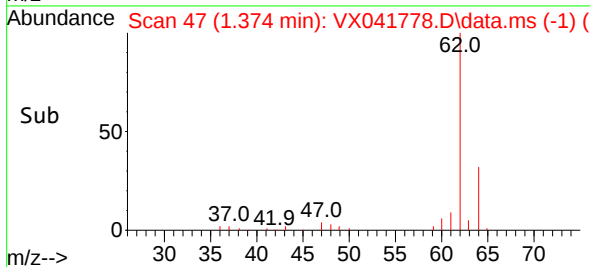
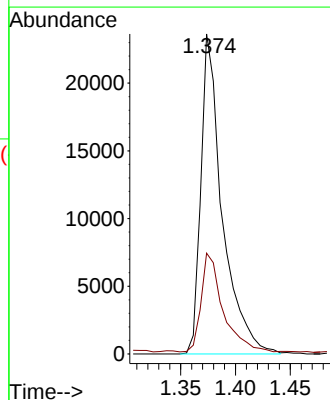
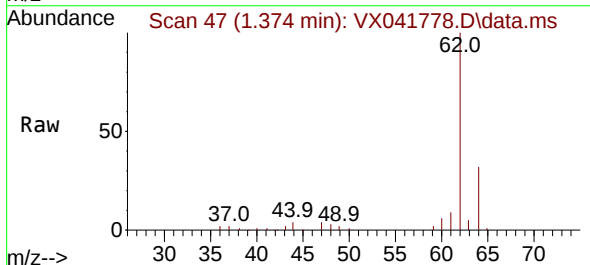
Manual Integrations
APPROVED

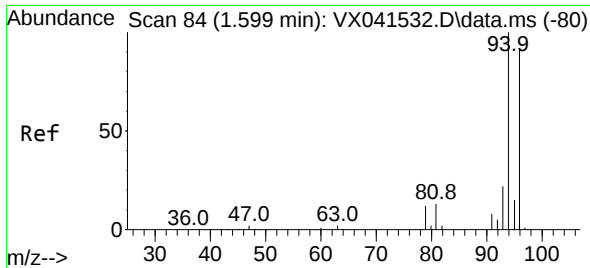
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#4
Vinyl Chloride
Concen: 19.969 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

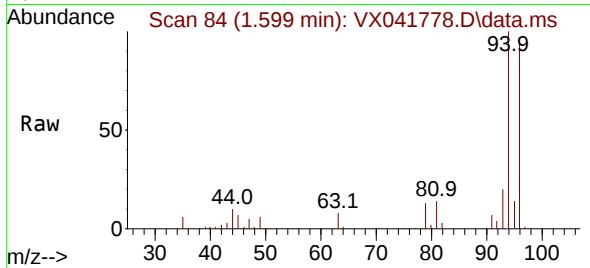
Tgt Ion: 62 Resp: 32048
Ion Ratio Lower Upper
62 100
64 30.8 24.6 37.0





#5
Bromomethane
Concen: 21.098 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

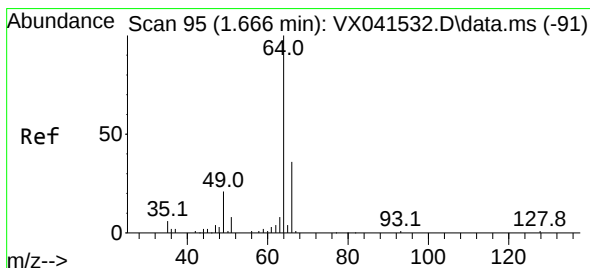
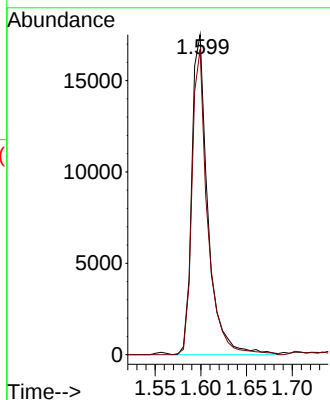
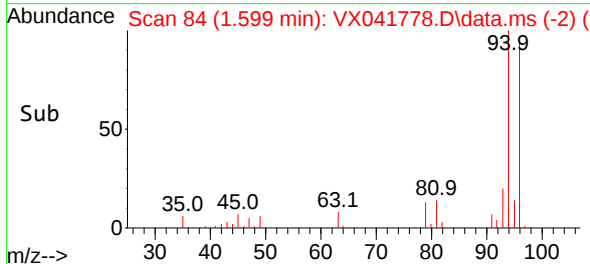
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 94 Resp: 21530
Ion Ratio Lower Upper
94 100
96 95.4 73.9 110.9

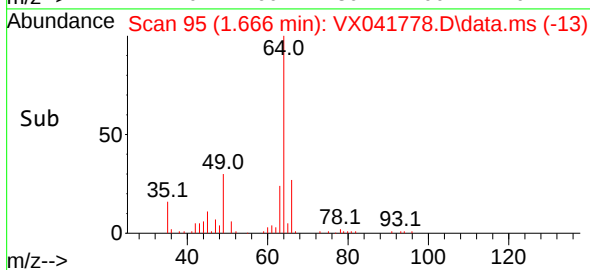
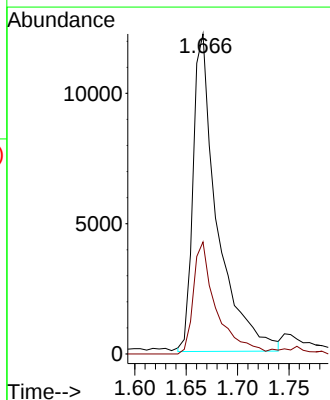
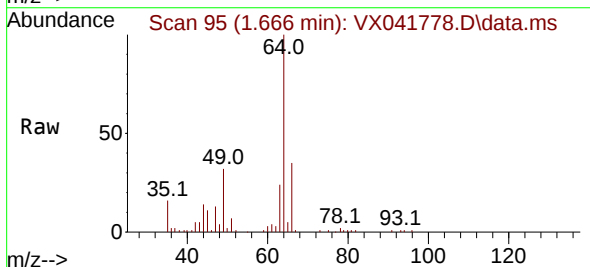
Manual Integrations
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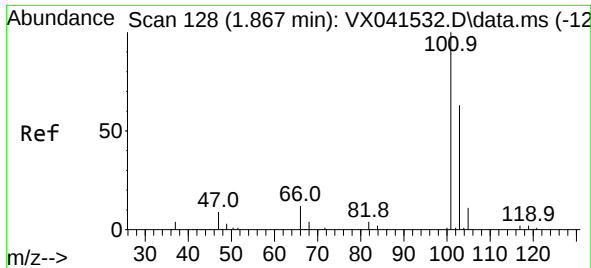
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#6
Chloroethane
Concen: 24.519 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

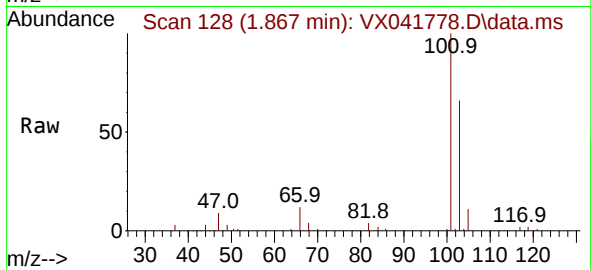
Tgt Ion: 64 Resp: 19895
Ion Ratio Lower Upper
64 100
66 35.7 28.6 42.8





#7
 Trichlorofluoromethane
 Concen: 21.272 ug/l
 RT: 1.867 min Scan# 101
 Delta R.T. 0.000 min
 Lab File: VX041778.D
 Acq: 07 Jun 2024 09:55

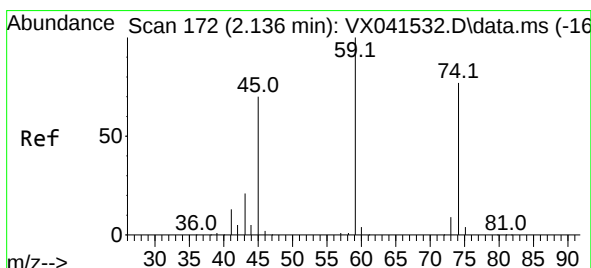
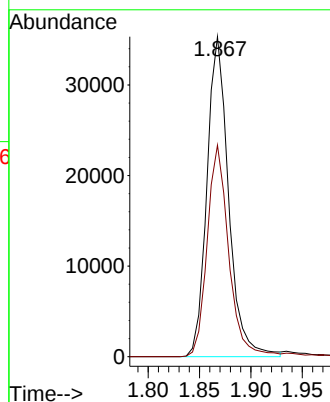
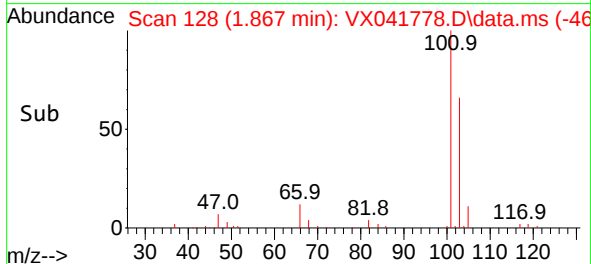
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



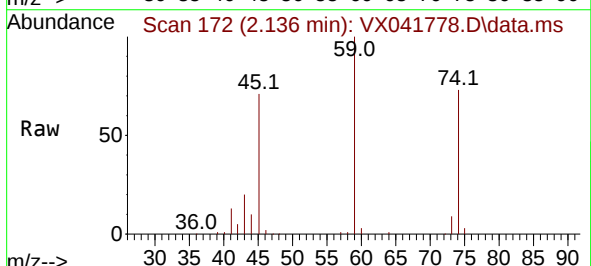
Tgt Ion:101 Resp: 51820
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.1 75.1

Manual Integrations
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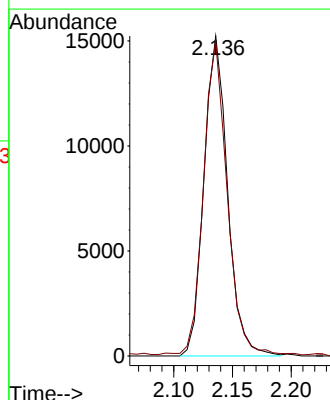
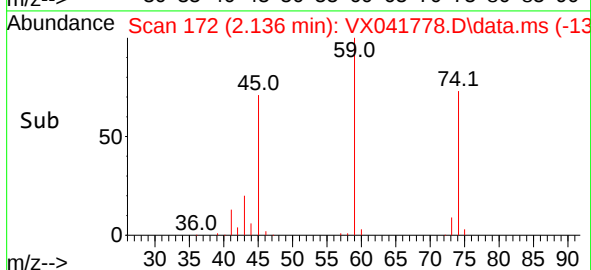
Reviewed By :John Carlone 06/10/2024
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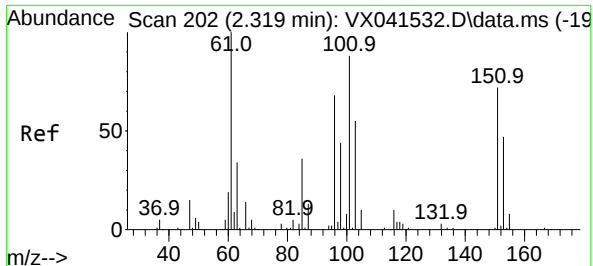


#8
 Diethyl Ether
 Concen: 23.391 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX041778.D
 Acq: 07 Jun 2024 09:55



Tgt Ion: 74 Resp: 21279
 Ion Ratio Lower Upper
 74 100
 45 99.1 18.6 167.4





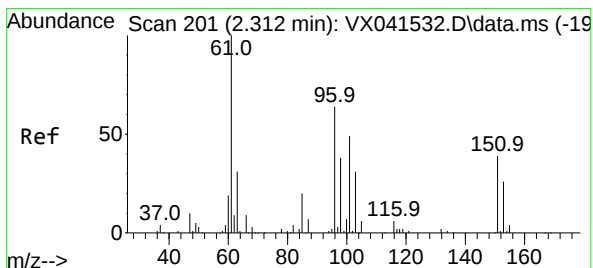
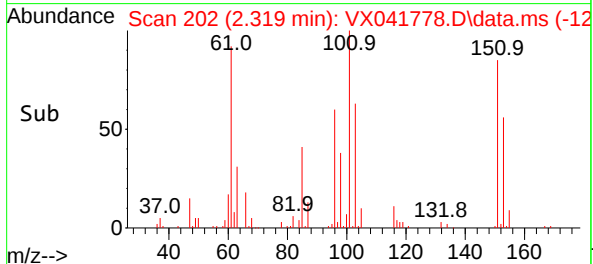
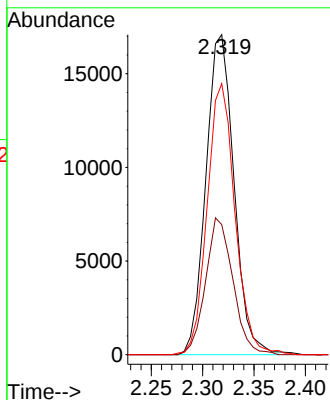
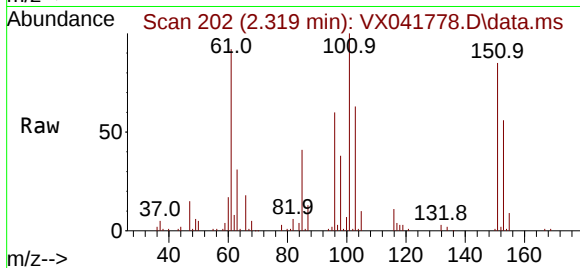
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1,1,2-Trichlorotrifluoroethane
Concen: 23.015 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

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Tgt Ion:101 Resp: 3251
Ion Ratio Lower Upper
101 100
85 41.6 0.0 84.6
151 83.9 0.0 170.2

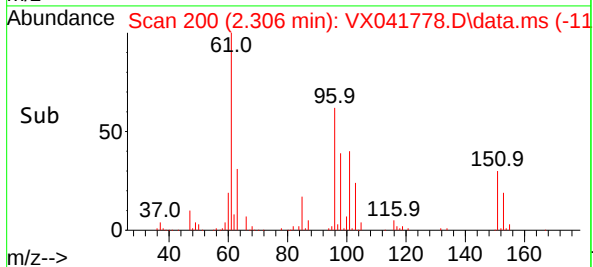
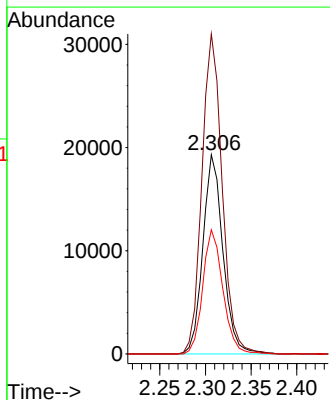
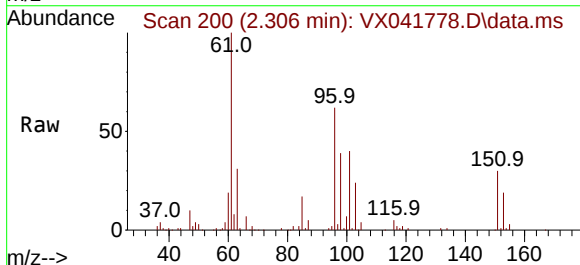
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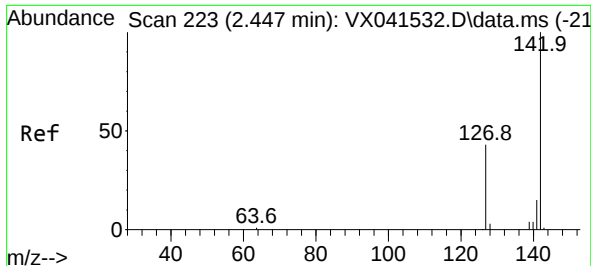
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#10
1,1-Dichloroethene
Concen: 21.689 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Tgt Ion: 96 Resp: 29533
Ion Ratio Lower Upper
96 100
61 160.7 124.5 186.7
98 62.4 47.9 71.9





#11

Methyl Iodide

Concen: 23.728 ug/l

RT: 2.441 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX041778.D

Acq: 07 Jun 2024 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:142 Resp: 3848

Ion Ratio Lower Upper

142 100

127 45.2 21.4 64.2

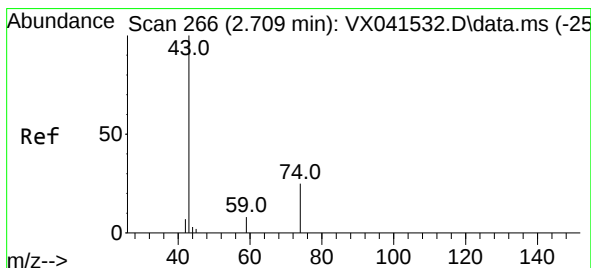
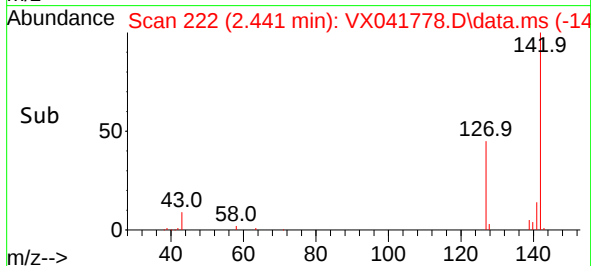
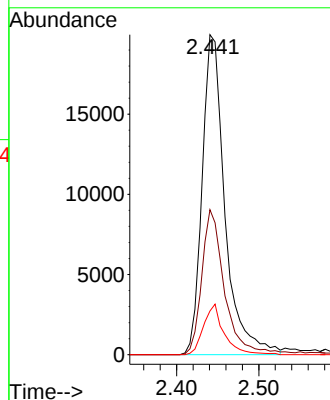
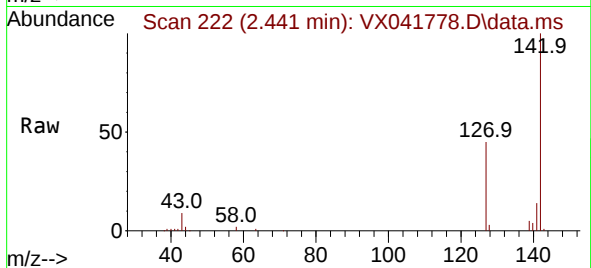
141 13.0 7.6 22.8

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Reviewed By :John Carlone 06/10/2024

Supervised By :Mahesh Dadoda 06/10/2024



#12

Methyl Acetate

Concen: 29.156 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX041778.D

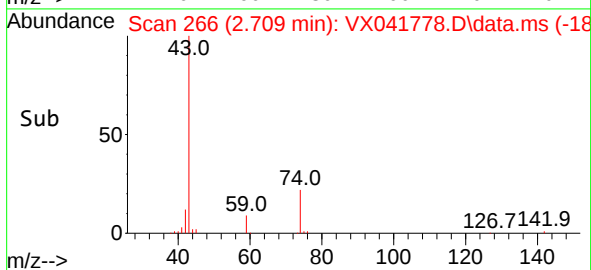
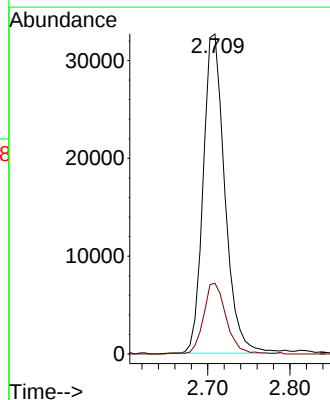
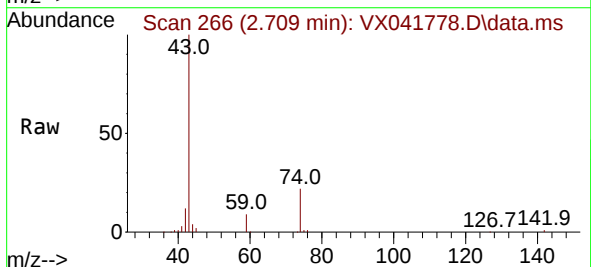
Acq: 07 Jun 2024 09:55

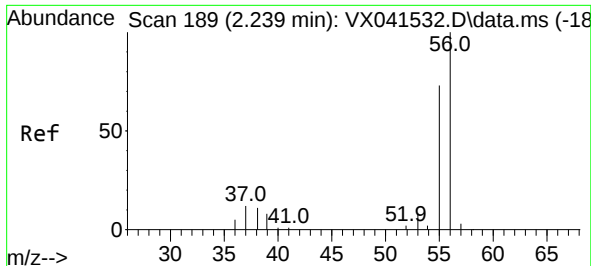
Tgt Ion: 43 Resp: 59791

Ion Ratio Lower Upper

43 100

74 21.9 19.9 29.9





#13

Acrolein

Concen: 63.368 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX041778.D

Acq: 07 Jun 2024 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 56 Resp: 15820

Ion Ratio Lower Upper

56 100

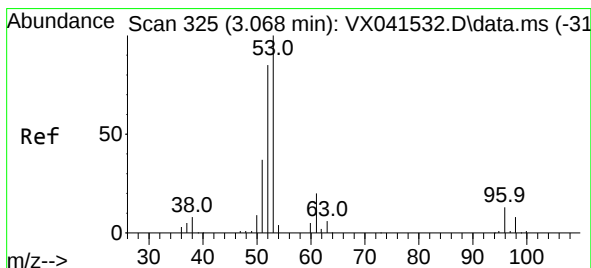
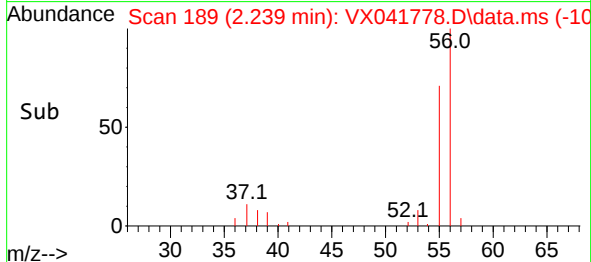
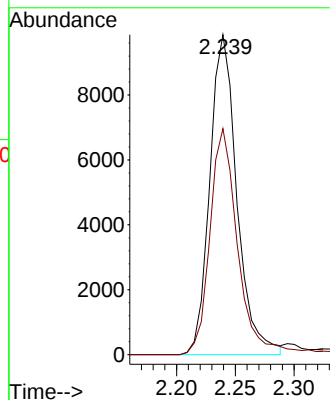
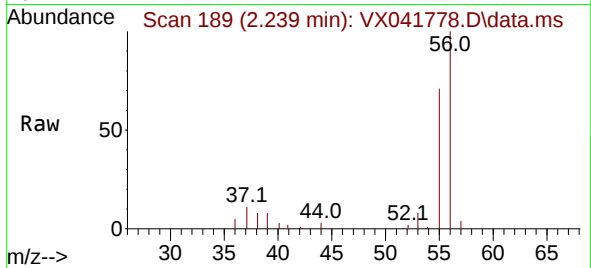
55 73.1 55.1 82.7

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Reviewed By :John Carlone 06/10/2024

Supervised By :Mahesh Dadoda 06/10/2024



#14

Acrylonitrile

Concen: 119.217 ug/l

RT: 3.068 min Scan# 325

Delta R.T. 0.000 min

Lab File: VX041778.D

Acq: 07 Jun 2024 09:55

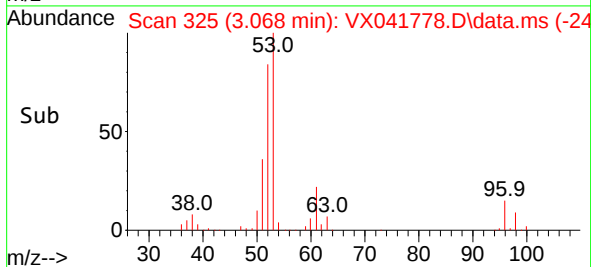
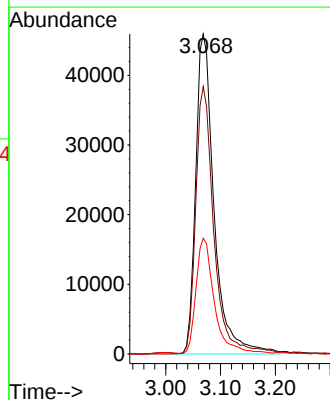
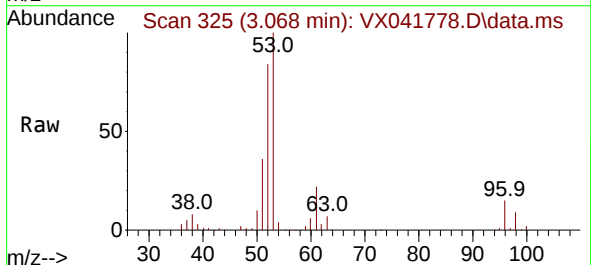
Tgt Ion: 53 Resp: 107489

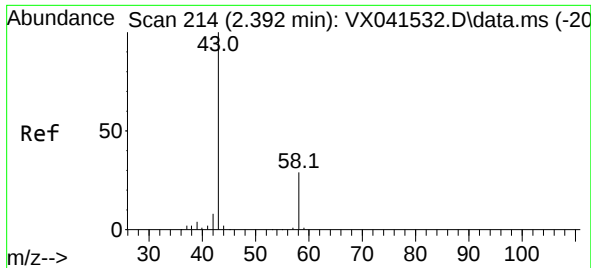
Ion Ratio Lower Upper

53 100

52 82.5 41.3 123.7

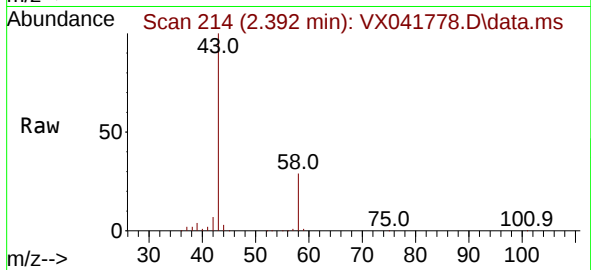
51 35.2 18.4 55.0





#15
Acetone
Concen: 123.556 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

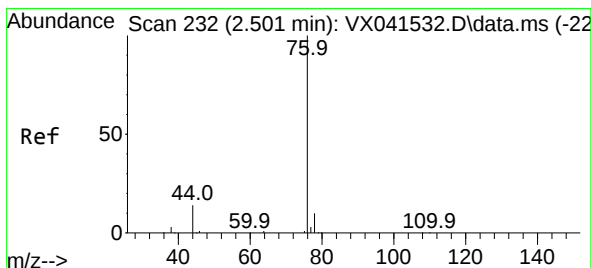
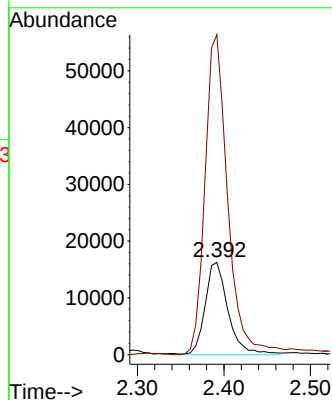
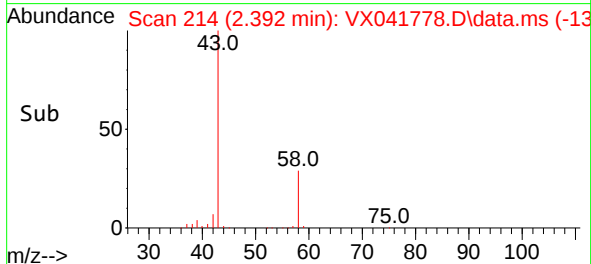
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



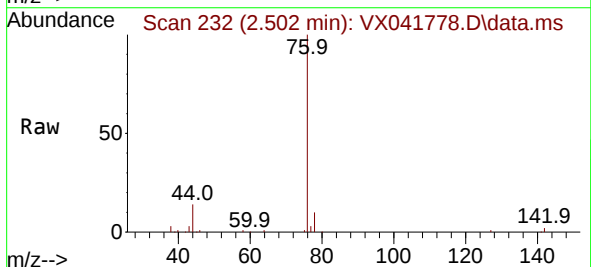
Tgt Ion: 58 Resp: 2984
Ion Ratio Lower Upper
58 100
43 349.0 274.0 411.0

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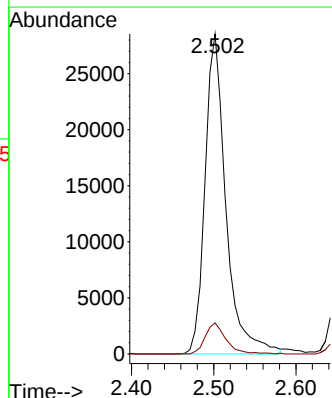
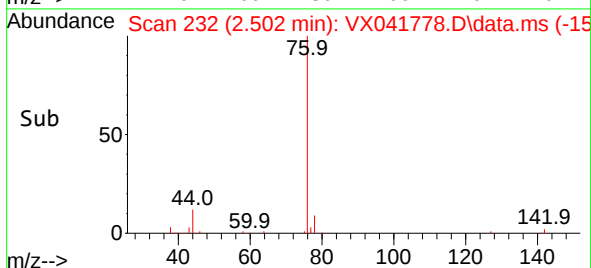
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024

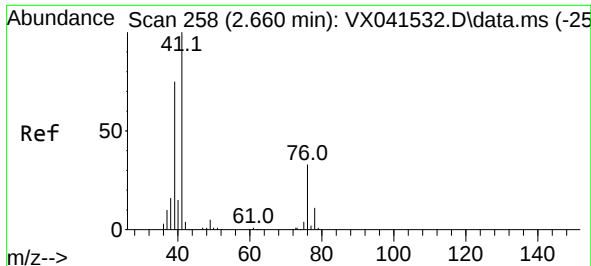


#16
Carbon Disulfide
Concen: 16.353 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55



Tgt Ion: 76 Resp: 50276
Ion Ratio Lower Upper
76 100
78 9.7 7.6 11.4





#17

Allyl chloride

Concen: 21.890 ug/l

RT: 2.654 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX041778.D

Acq: 07 Jun 2024 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

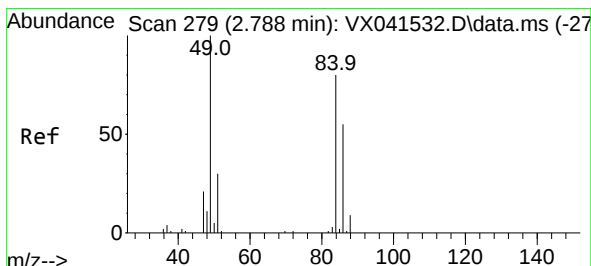
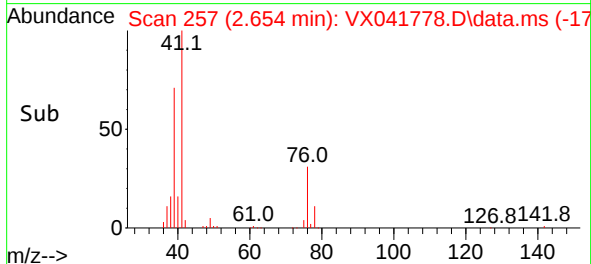
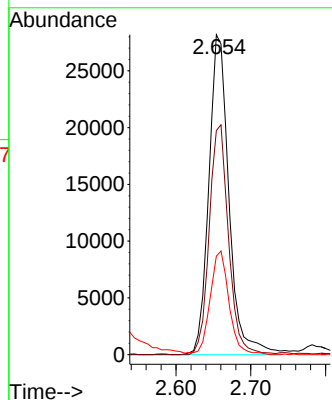
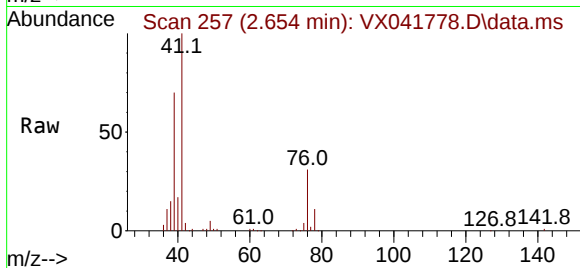
Tgt Ion:	41	Resp:	52894
Ion	Ratio	Lower	Upper
41	100		
39	70.1	37.5	112.7
76	30.8	16.6	49.8

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Reviewed By :John Carlone 06/10/2024

Supervised By :Mahesh Dadoda 06/10/2024



#18

Methylene Chloride

Concen: 22.691 ug/l

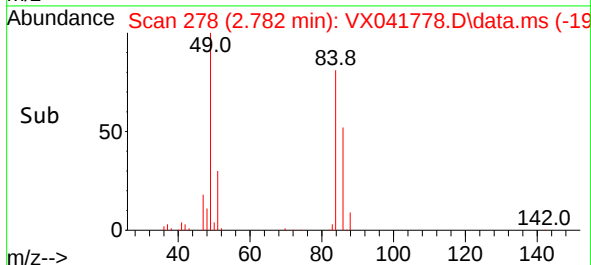
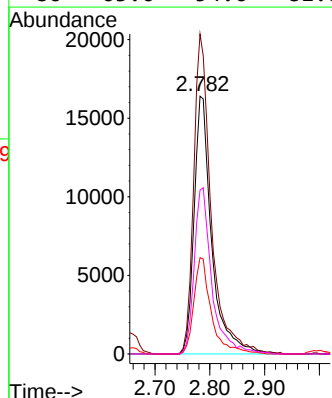
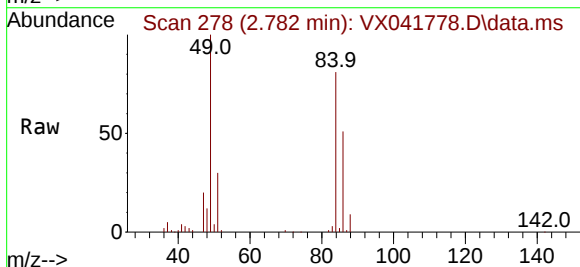
RT: 2.782 min Scan# 278

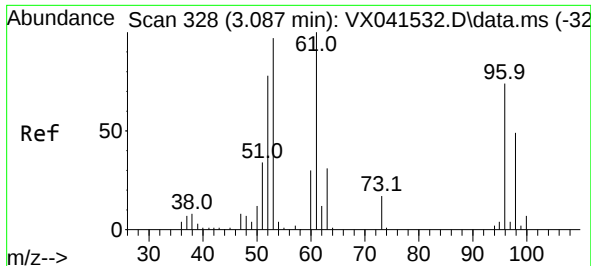
Delta R.T. -0.006 min

Lab File: VX041778.D

Acq: 07 Jun 2024 09:55

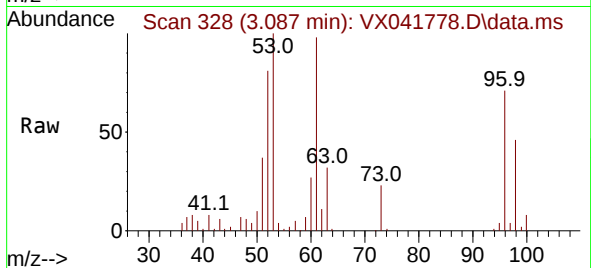
Tgt Ion:	84	Resp:	36748
Ion	Ratio	Lower	Upper
84	100		
49	123.8	99.8	149.8
51	37.3	30.2	45.4
86	63.6	54.6	81.8





#19
trans-1,2-Dichloroethene
Concen: 19.786 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

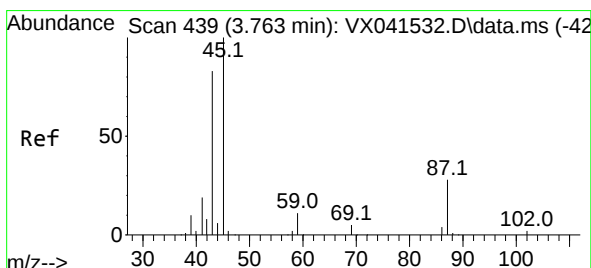
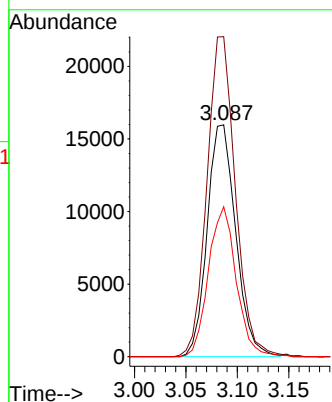
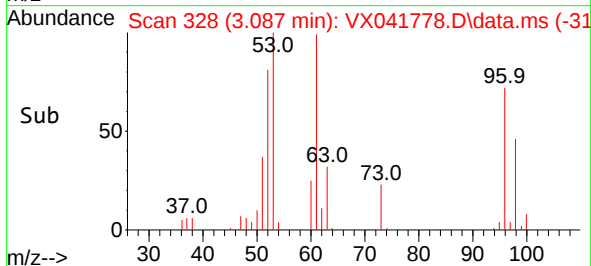
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 96 Resp: 3089
Ion Ratio Lower Upper
96 100
61 137.3 107.7 161.5
98 64.7 53.1 79.7

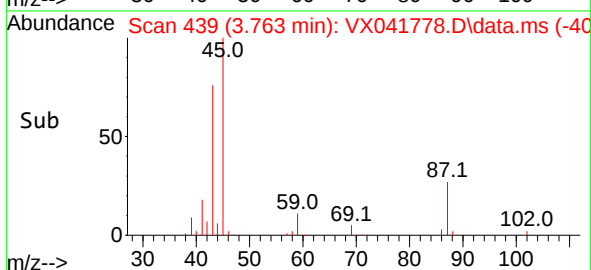
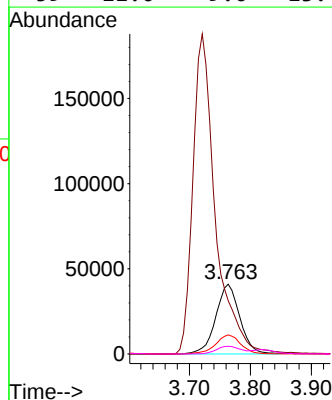
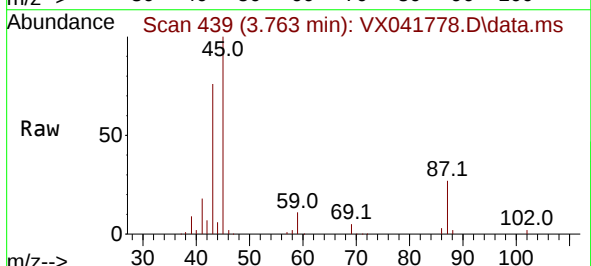
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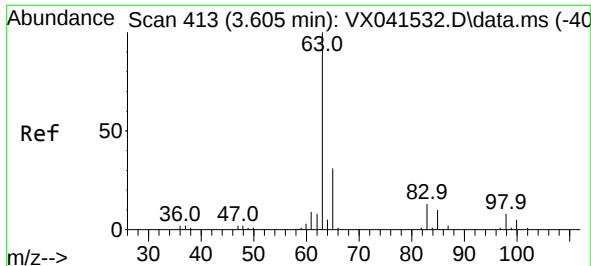
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#20
Diisopropyl ether
Concen: 22.053 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Tgt Ion: 45 Resp: 111965
Ion Ratio Lower Upper
45 100
43 73.4 66.7 100.1
87 27.4 22.4 33.6
59 11.0 9.0 13.4





#21

1,1-Dichloroethane

Concen: 21.696 ug/l

RT: 3.605 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041778.D

Acq: 07 Jun 2024 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

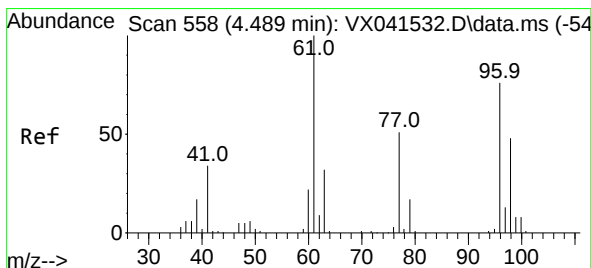
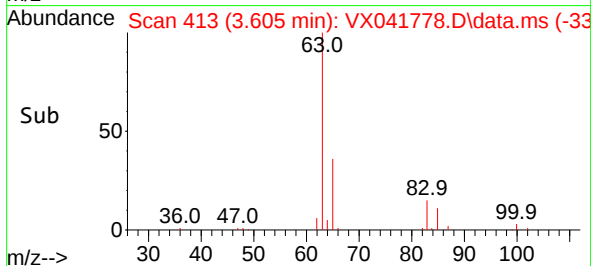
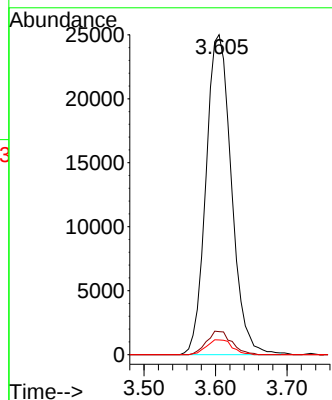
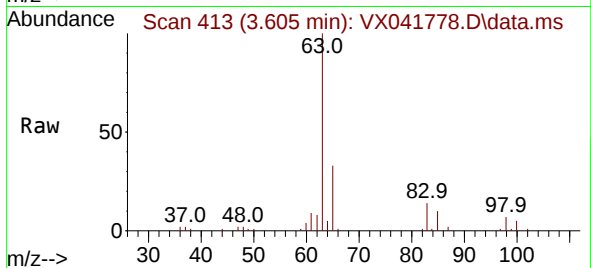
Tgt Ion:	63	Resp:	61820
Ion Ratio	Lower	Upper	
63	100		
98	7.2	3.8	11.4
100	4.6	2.5	7.4

Manual Integrations

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Reviewed By :John Carlone 06/10/2024

Supervised By :Mahesh Dadoda 06/10/2024



#22

cis-1,2-Dichloroethene

Concen: 20.422 ug/l

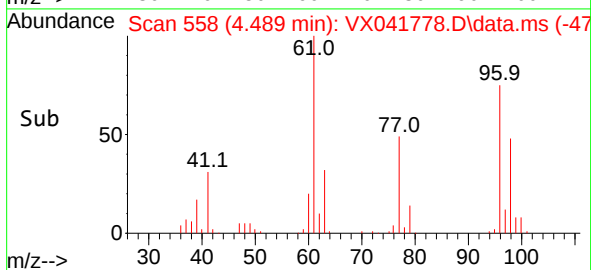
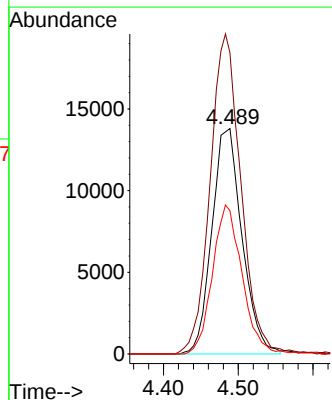
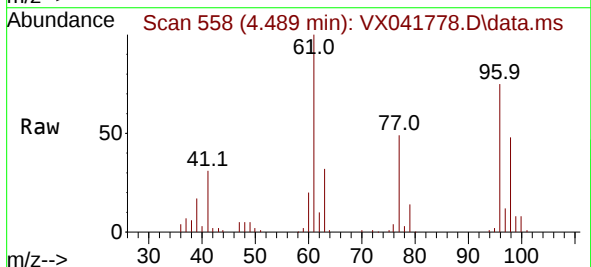
RT: 4.489 min Scan# 558

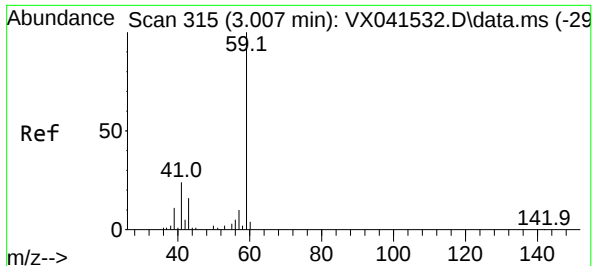
Delta R.T. 0.000 min

Lab File: VX041778.D

Acq: 07 Jun 2024 09:55

Tgt Ion:	96	Resp:	38748
Ion Ratio	Lower	Upper	
96	100		
61	144.3	114.2	171.4
98	64.9	52.6	79.0





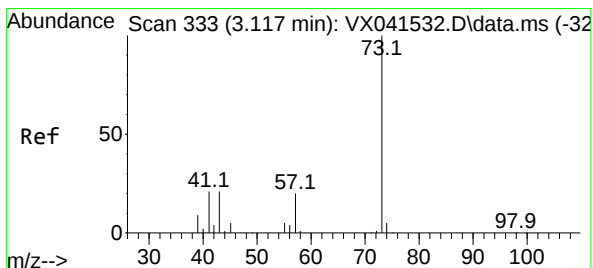
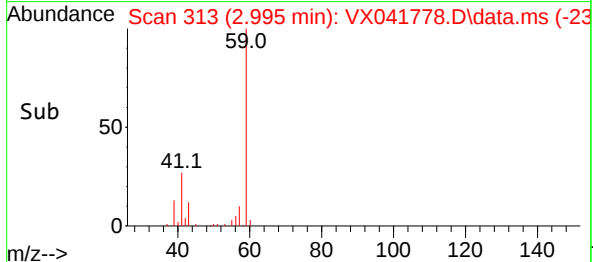
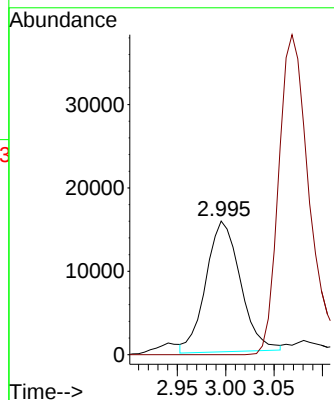
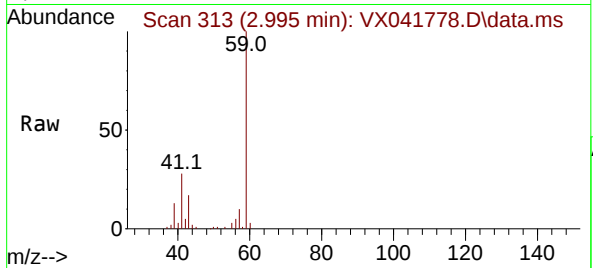
#23
tert-Butyl Alcohol
Concen: 101.884 ug/l
RT: 2.995 min Scan# 315
Delta R.T. -0.012 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 3898
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

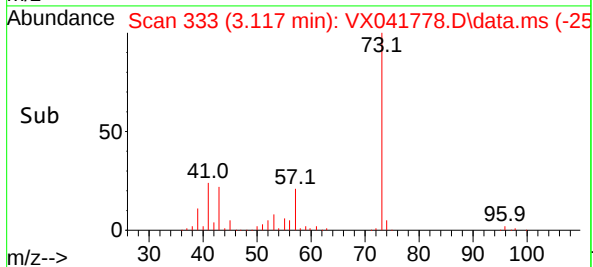
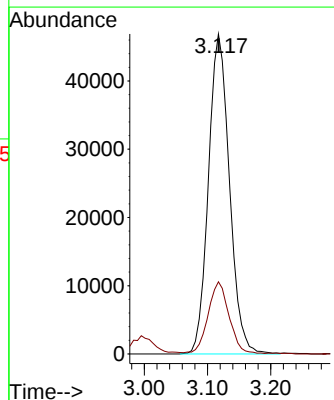
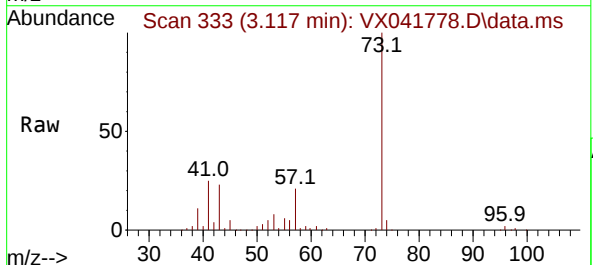
Manual Integrations
APPROVED

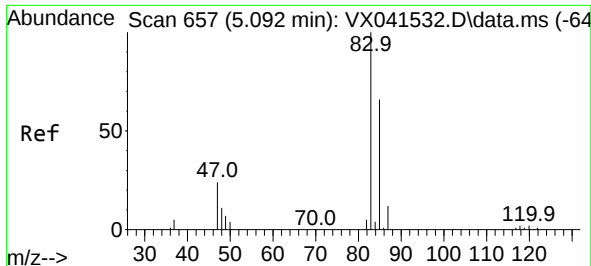
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#24
Methyl tert-Butyl Ether
Concen: 21.317 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Tgt Ion: 73 Resp: 108365
Ion Ratio Lower Upper
73 100
43 22.7 17.2 25.8





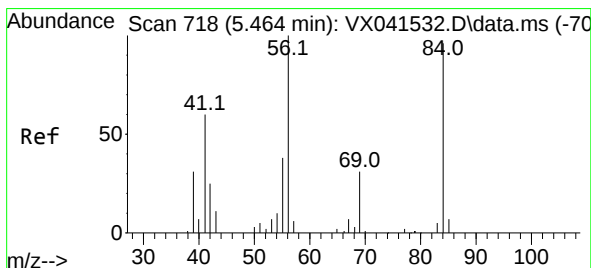
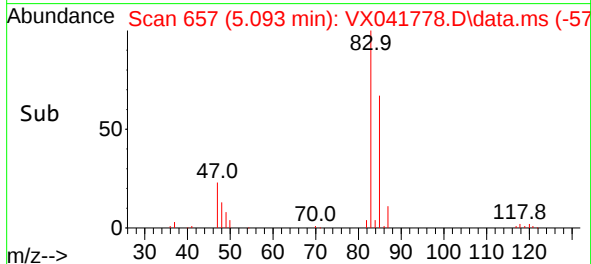
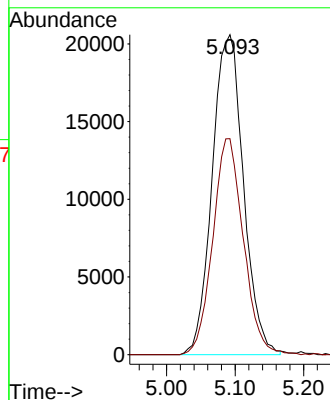
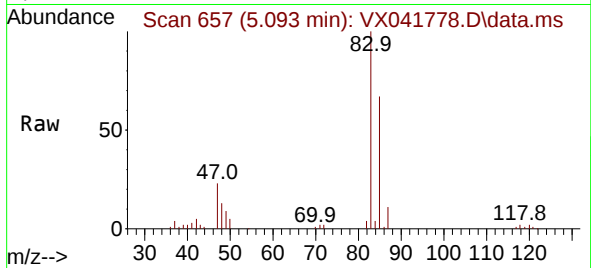
#25
Chloroform
Concen: 21.497 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 6525
Ion Ratio Lower Upper
83 100
85 67.5 52.9 79.3

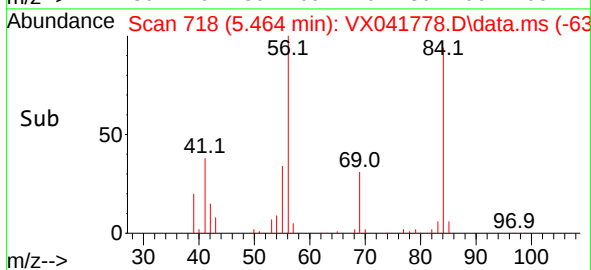
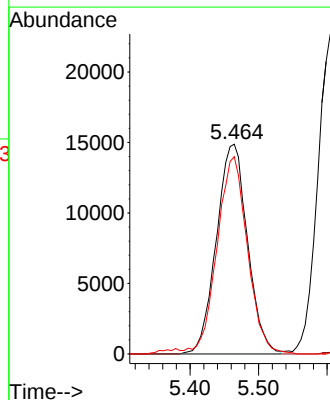
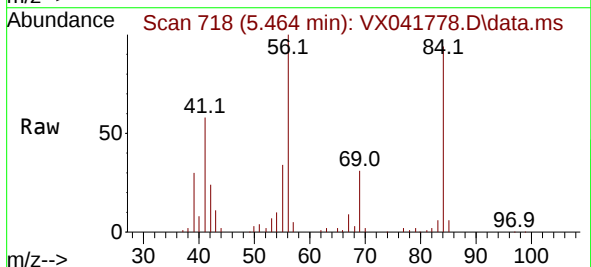
Manual Integrations
APPROVED

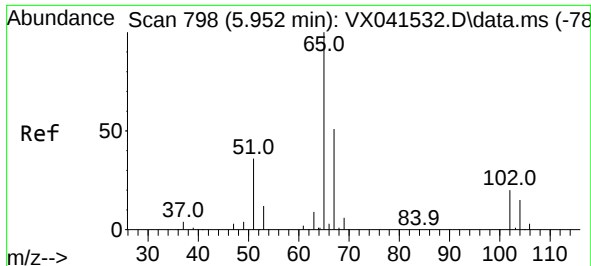
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#26
Cyclohexane
Concen: 19.695 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Tgt Ion: 56 Resp: 46797
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.0 74.0 111.0





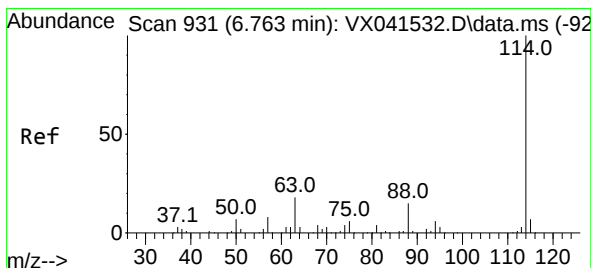
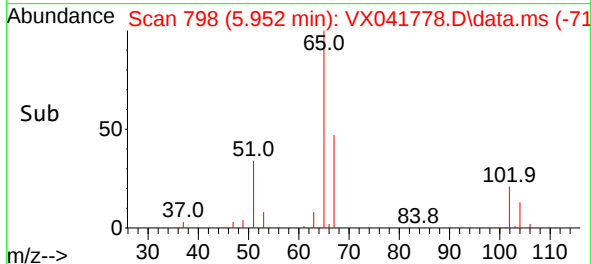
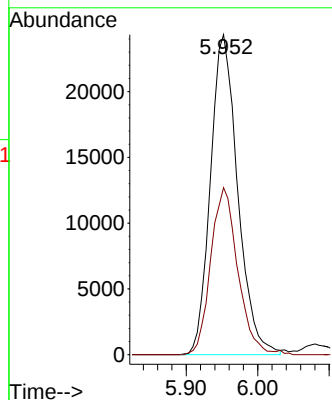
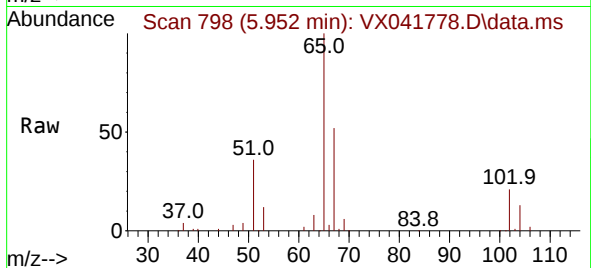
#27
 1,2-Dichloroethane-d4
 Concen: 30.738 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX041778.D
 Acq: 07 Jun 2024 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 65 Resp: 6442
 Ion Ratio Lower Upper
 65 100
 67 51.6 40.8 61.2

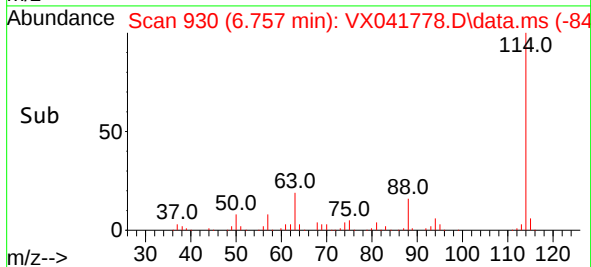
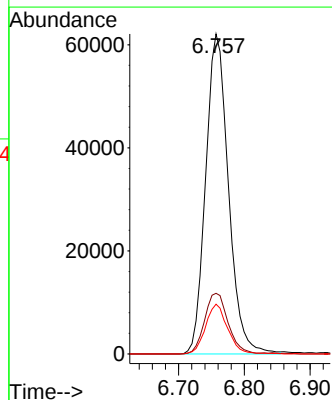
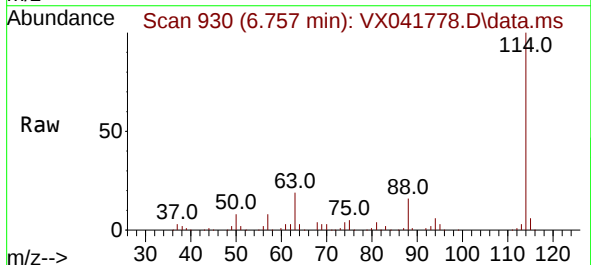
Manual Integrations
 APPROVED

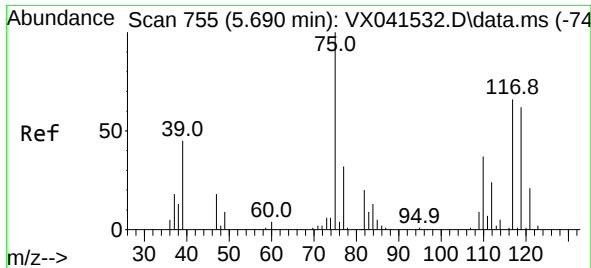
Reviewed By :John Carlone 06/10/2024
 Supervised By :Mahesh Dadoda 06/10/2024



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX041778.D
 Acq: 07 Jun 2024 09:55

Tgt Ion:114 Resp: 150060
 Ion Ratio Lower Upper
 114 100
 63 19.5 15.4 23.0
 88 15.1 12.2 18.2





#29
1,1-Dichloropropene
Concen: 19.736 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

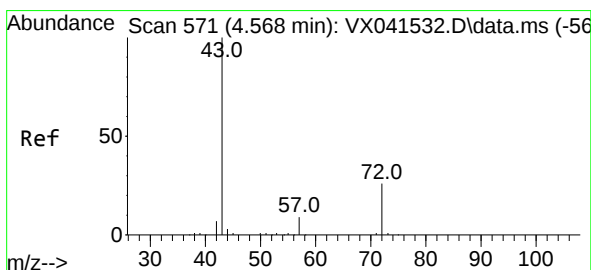
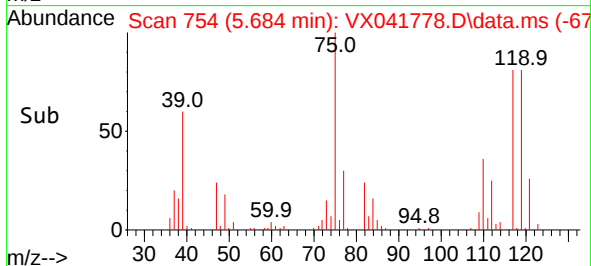
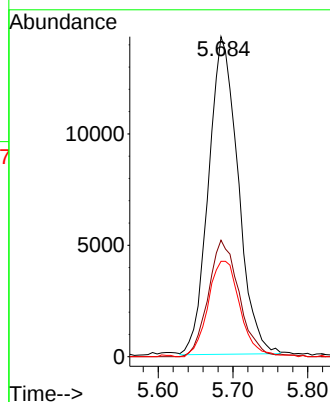
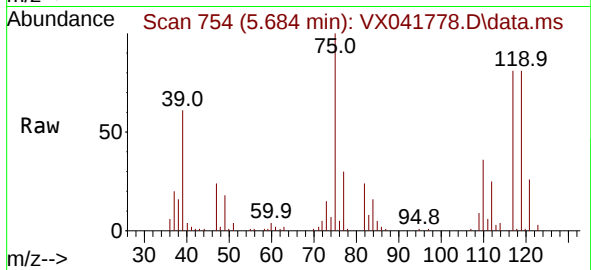
Tgt Ion: 75 Resp: 3917
Ion Ratio Lower Upper
75 100
110 38.0 0.0 74.4
77 32.4 0.0 62.6

Manual Integrations

APPROVED

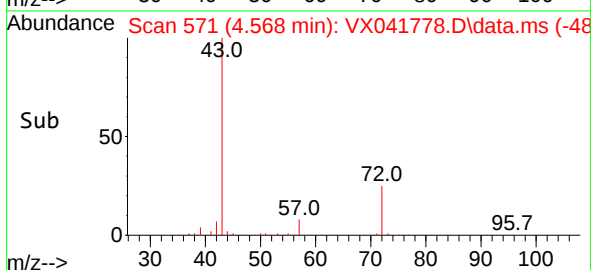
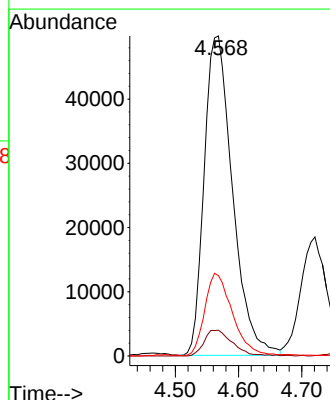
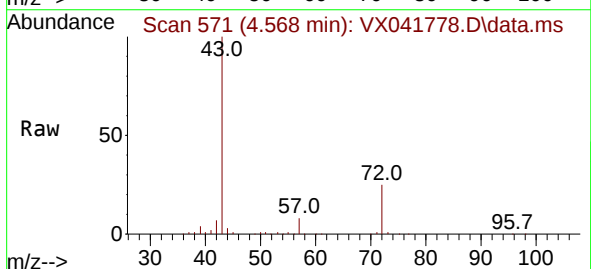
Reviewed By :John Carlone 06/10/2024

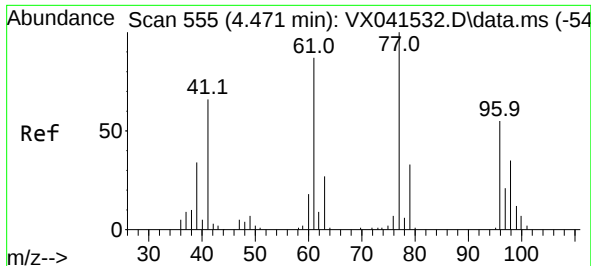
Supervised By :Mahesh Dadoda 06/10/2024



#30
2-Butanone
Concen: 117.671 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Tgt Ion: 43 Resp: 155039
Ion Ratio Lower Upper
43 100
57 7.9 6.6 10.0
72 24.9 20.7 31.1





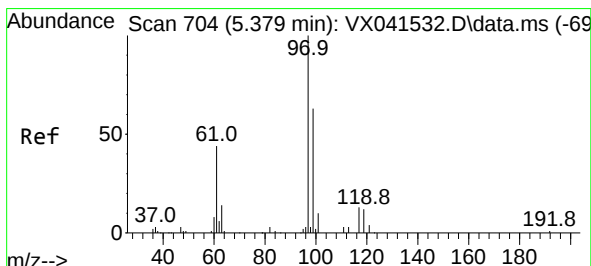
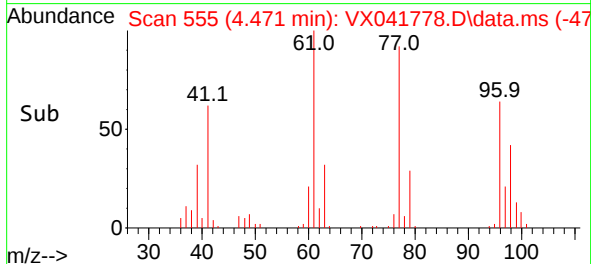
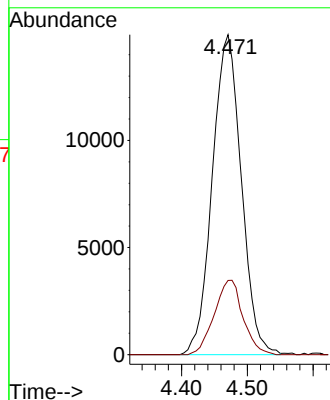
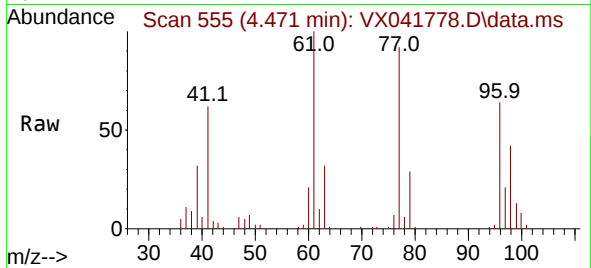
#31
2,2-Dichloropropane
Concen: 19.656 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 45792
Ion Ratio Lower Upper
77 100
97 23.0 18.0 27.0

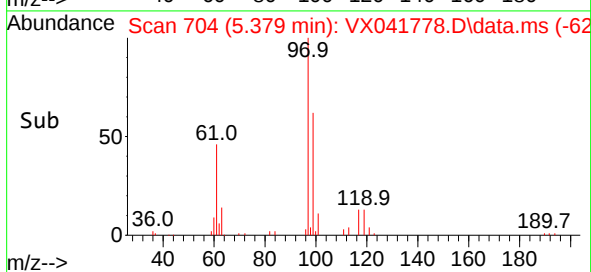
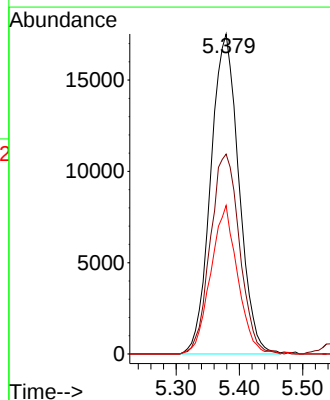
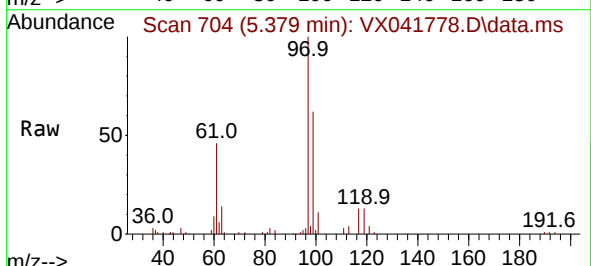
Manual Integrations
APPROVED

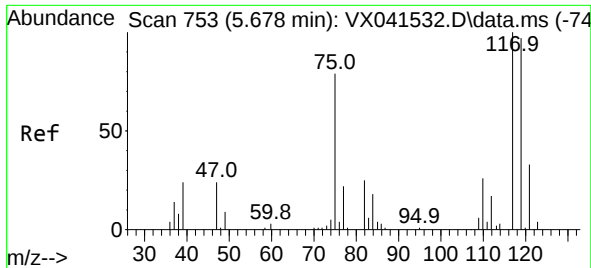
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#32
1,1,1-Trichloroethane
Concen: 20.332 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

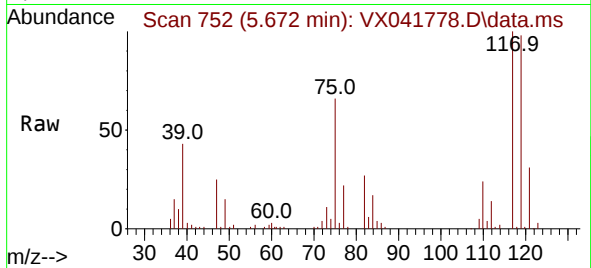
Tgt Ion: 97 Resp: 54155
Ion Ratio Lower Upper
97 100
99 64.8 50.7 76.1
61 44.1 34.6 51.8





#33
Carbon Tetrachloride
Concen: 20.184 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

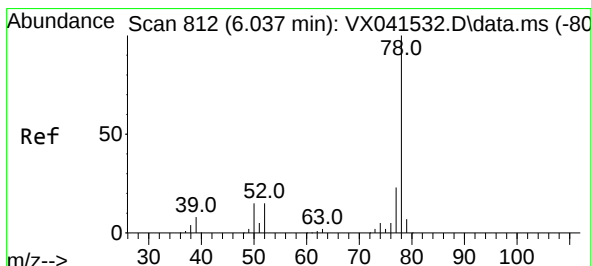
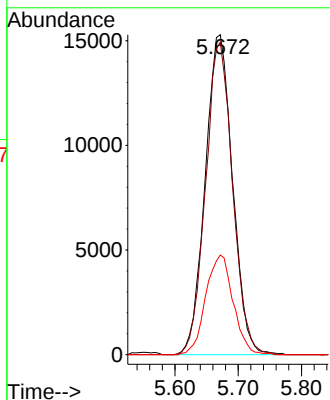
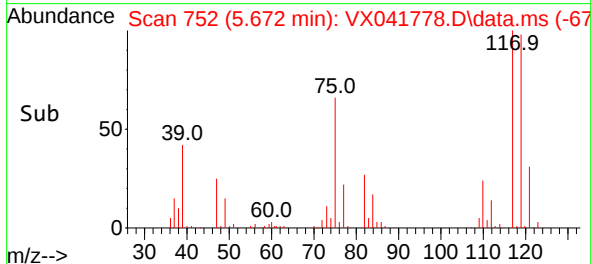
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:117 Resp: 45998
Ion Ratio Lower Upper
117 100
119 97.7 77.4 116.2
121 31.1 26.4 39.6

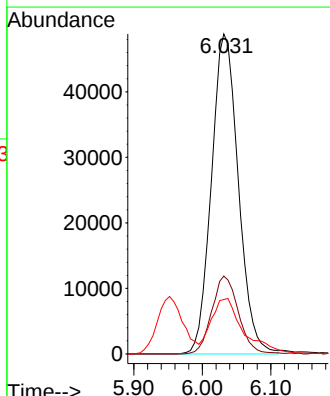
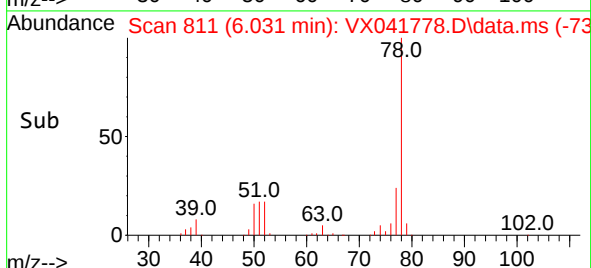
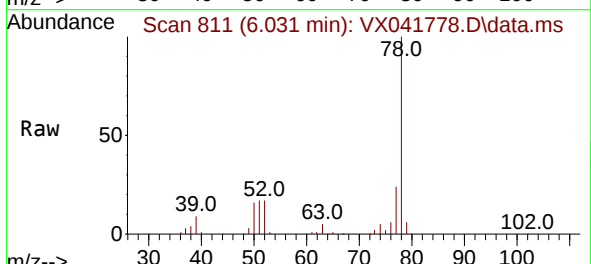
Manual Integrations
APPROVED

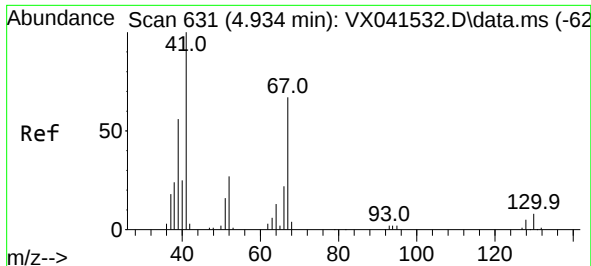
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#34
Benzene
Concen: 21.242 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

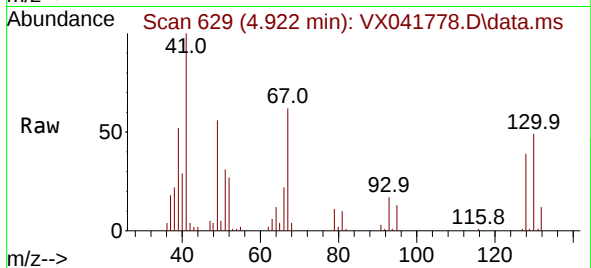
Tgt Ion: 78 Resp: 133166
Ion Ratio Lower Upper
78 100
77 24.3 18.6 28.0
51 15.6 12.4 18.6





#35
Methacrylonitrile
Concen: 23.321 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

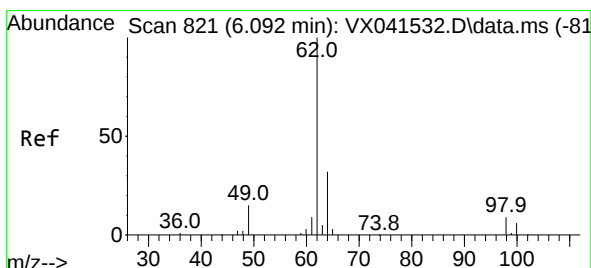
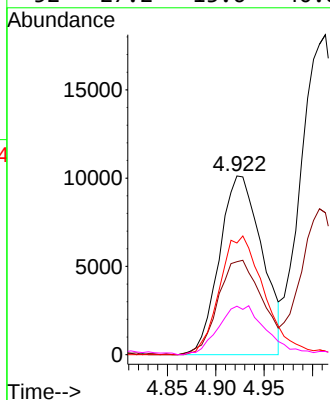
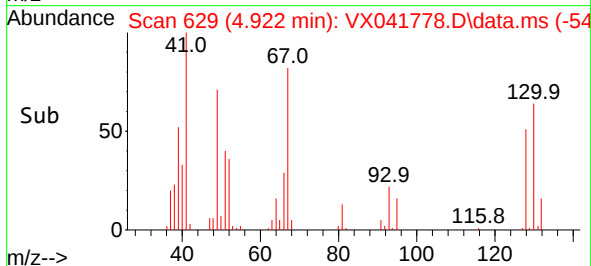
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 41 Resp: 30990
Ion Ratio Lower Upper
41 100
39 52.0 28.1 84.4
67 62.5 33.7 101.1
52 27.2 13.6 40.8

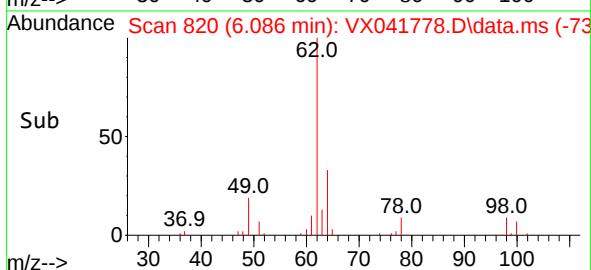
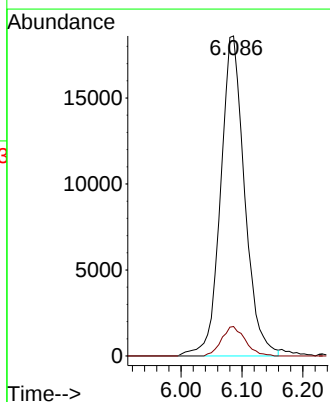
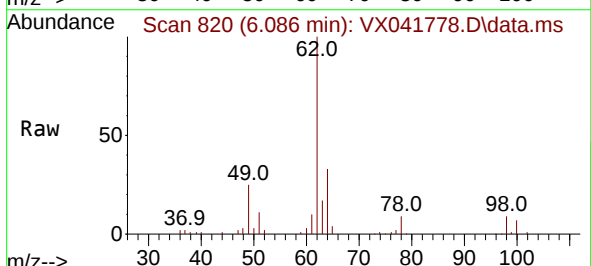
Manual Integrations
APPROVED

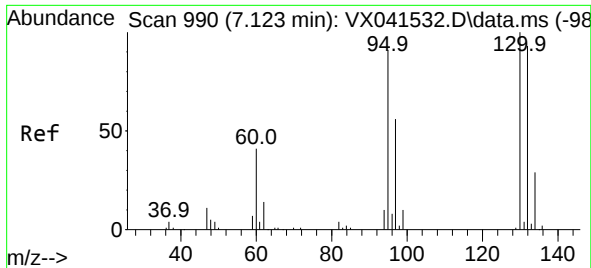
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#36
1,2-Dichloroethane
Concen: 21.786 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

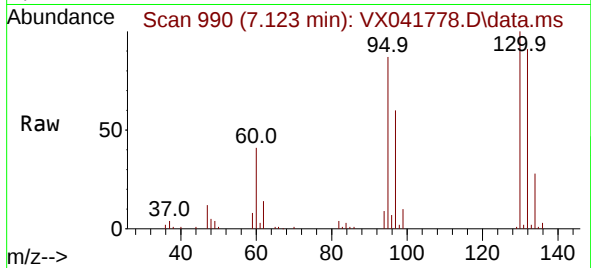
Tgt Ion: 62 Resp: 50967
Ion Ratio Lower Upper
62 100
98 9.0 7.4 11.0





#37
Trichloroethene
Concen: 20.112 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

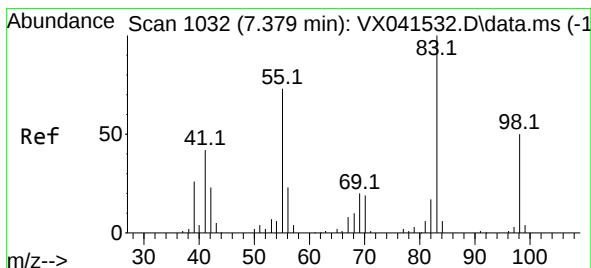
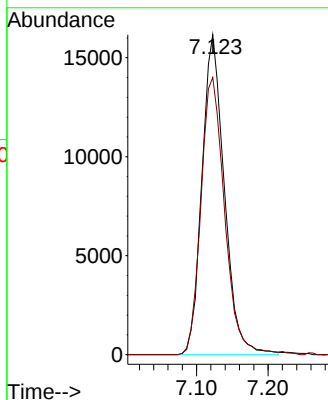
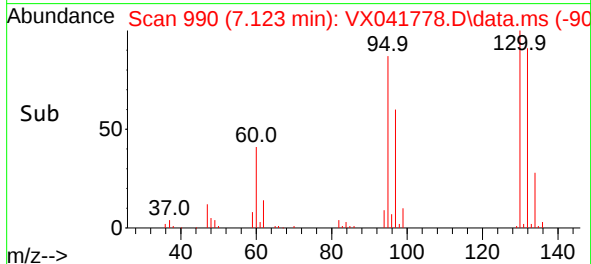
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



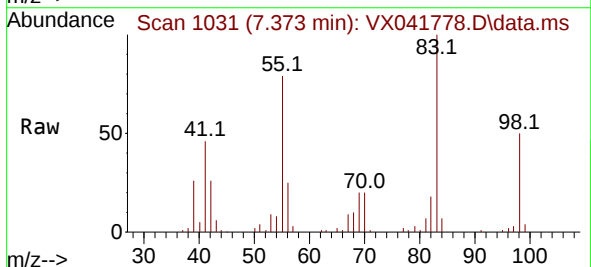
Tgt Ion:130 Resp: 35129
Ion Ratio Lower Upper
130 100
95 86.7 72.6 108.8

Manual Integrations
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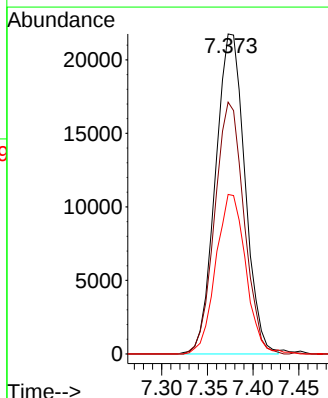
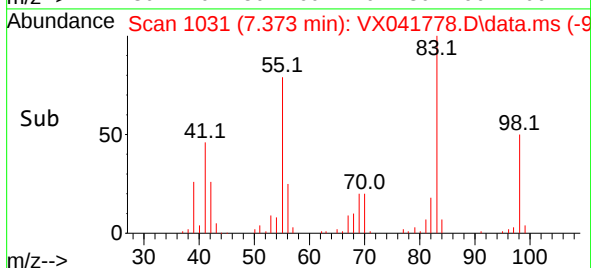
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024

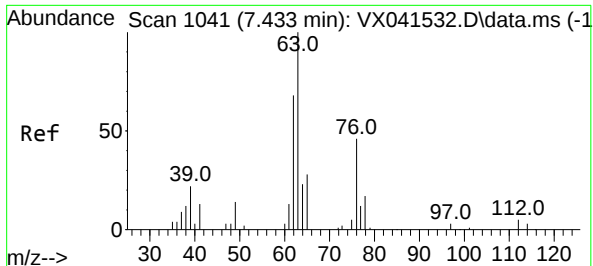


#38
Methylcyclohexane
Concen: 19.404 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55



Tgt Ion: 83 Resp: 48907
Ion Ratio Lower Upper
83 100
55 78.1 37.7 113.1
98 50.7 25.1 75.3





#39

1,2-Dichloropropane

Concen: 22.188 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX041778.D

Acq: 07 Jun 2024 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 3288

Ion Ratio Lower Upper

63 100

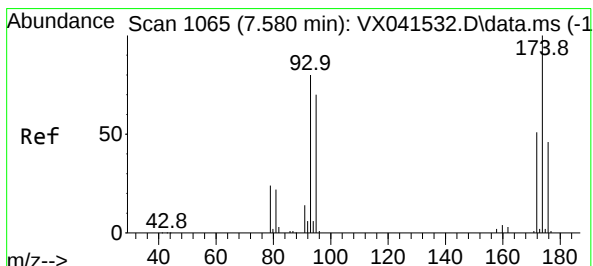
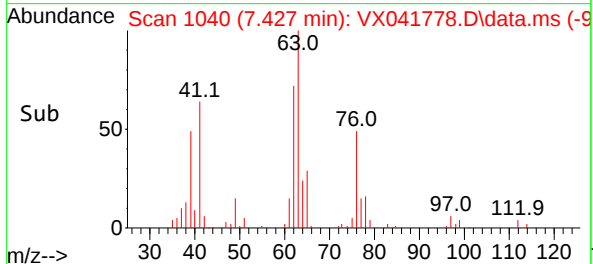
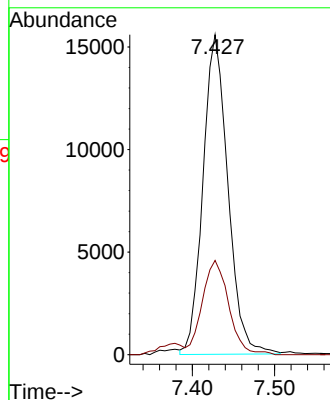
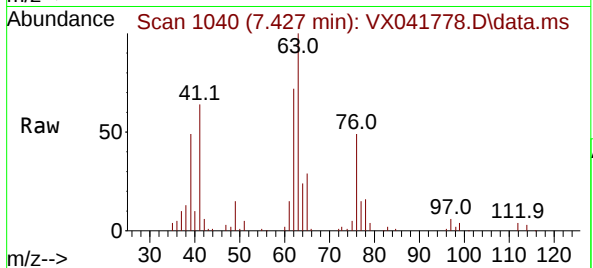
65 29.6 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2024

Supervised By :Mahesh Dadoda 06/10/2024



#40

Dibromomethane

Concen: 21.699 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041778.D

Acq: 07 Jun 2024 09:55

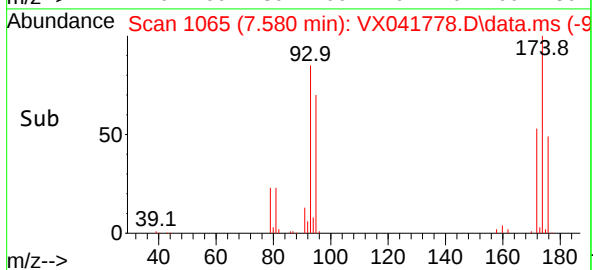
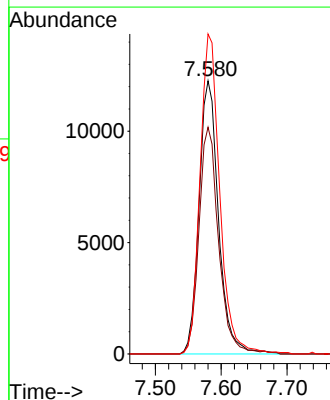
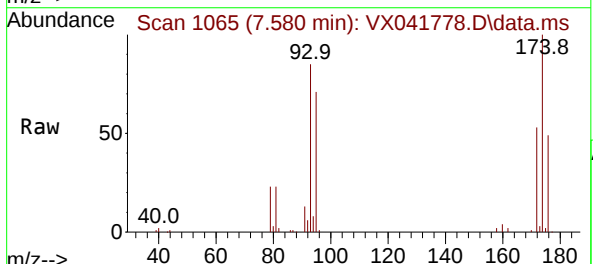
Tgt Ion: 93 Resp: 25308

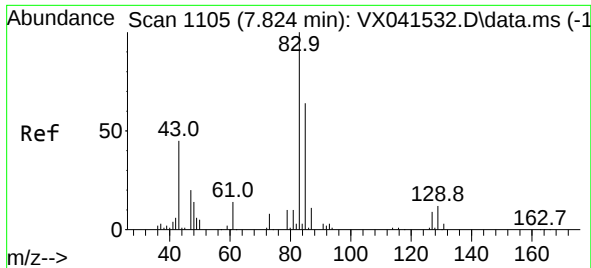
Ion Ratio Lower Upper

93 100

95 83.4 0.0 168.6

174 118.4 0.0 249.8





#41
Bromodichloromethane
Concen: 21.080 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

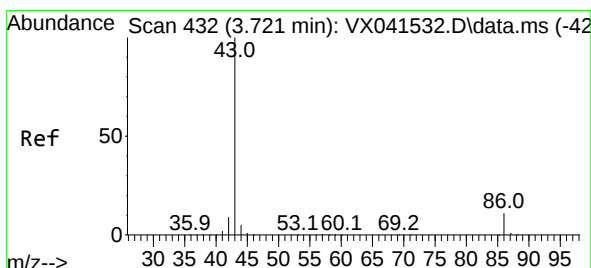
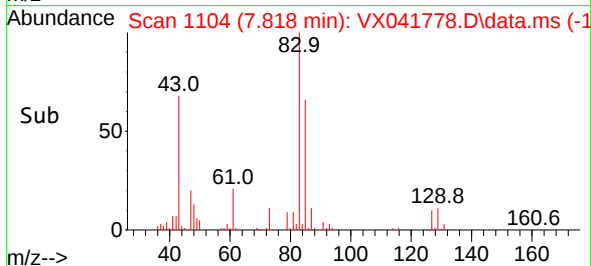
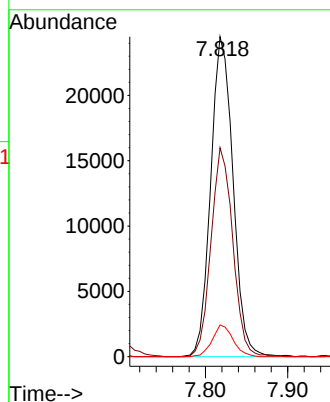
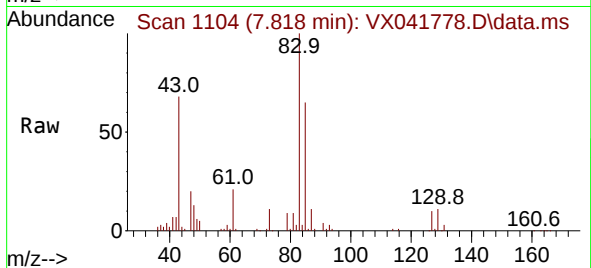
Tgt Ion: 83 Resp: 46158
Ion Ratio Lower Upper
83 100
85 65.3 51.0 76.4
127 9.9 7.1 10.7

Manual Integrations

APPROVED

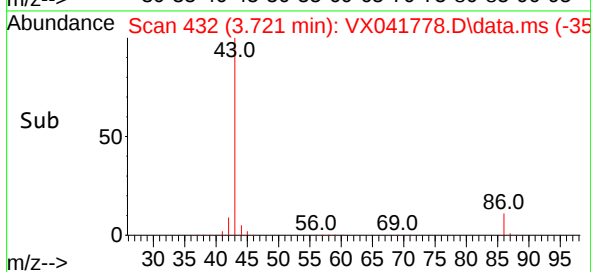
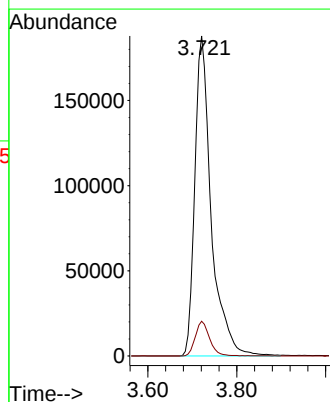
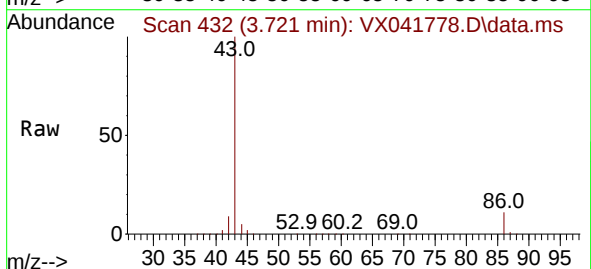
Reviewed By :John Carlone 06/10/2024

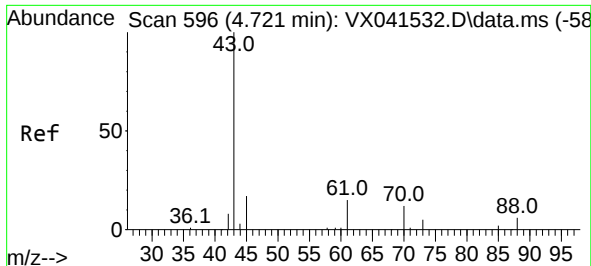
Supervised By :Mahesh Dadoda 06/10/2024



#42
Vinyl Acetate
Concen: 105.324 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Tgt Ion: 43 Resp: 481474
Ion Ratio Lower Upper
43 100
86 9.4 7.8 11.6





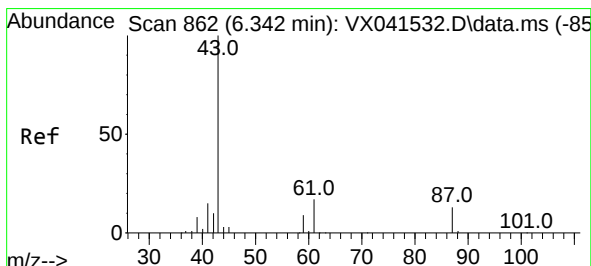
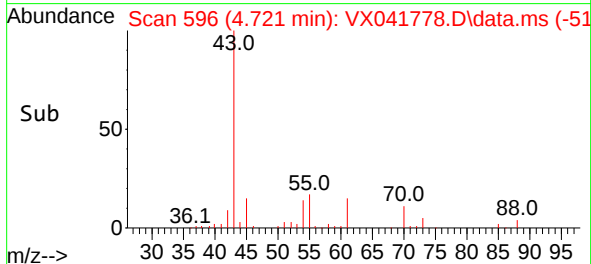
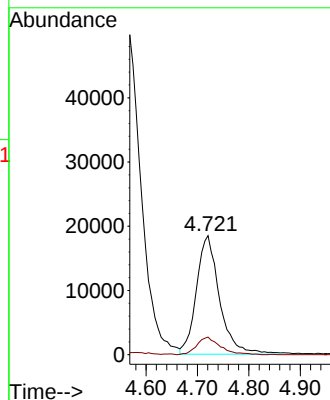
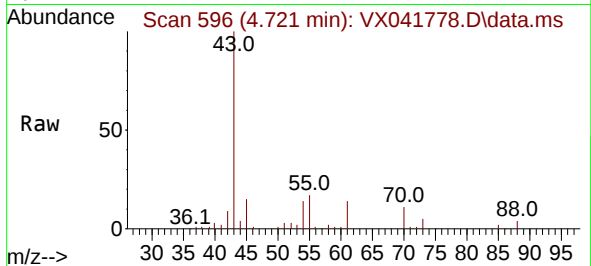
#43
Ethyl Acetate
Concen: 22.633 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 57539
Ion Ratio Lower Upper
43 100
45 14.9 11.9 17.9

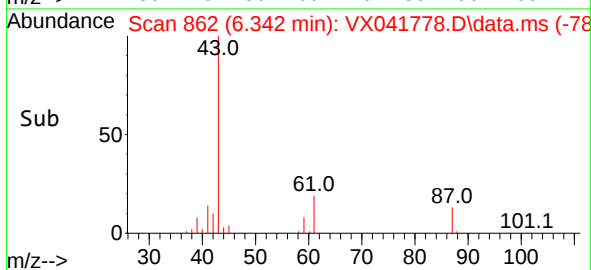
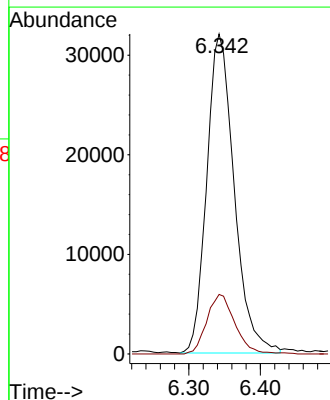
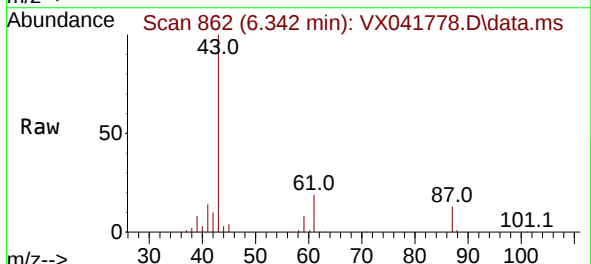
Manual Integrations
APPROVED

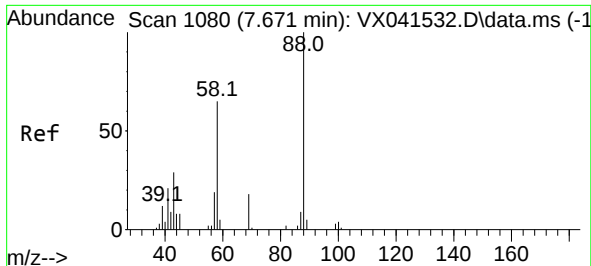
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#44
Isopropyl Acetate
Concen: 22.237 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Tgt Ion: 43 Resp: 85455
Ion Ratio Lower Upper
43 100
61 19.0 15.3 22.9





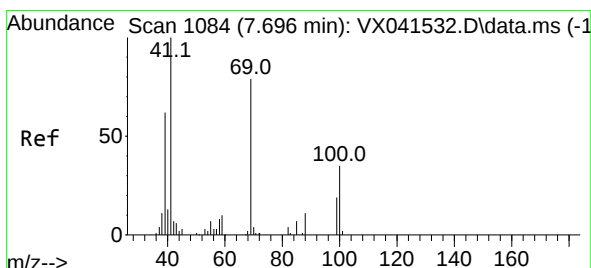
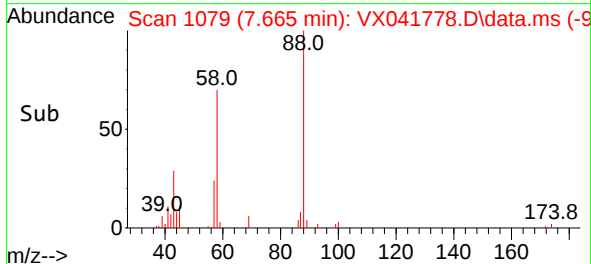
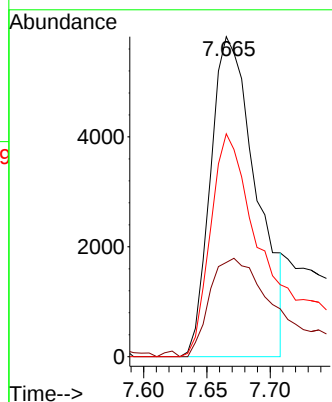
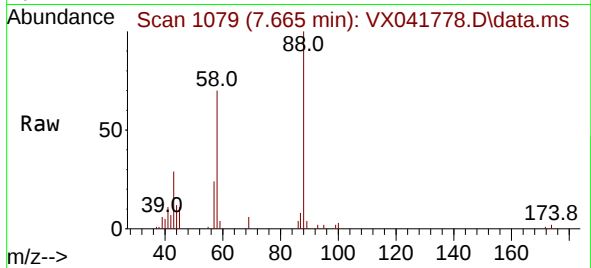
#45
1,4-Dioxane
Concen: 340.178 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.006 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 88 Resp: 1474
Ion Ratio Lower Upper
88 100
43 42.0 24.9 37.3
58 74.8 47.0 70.4

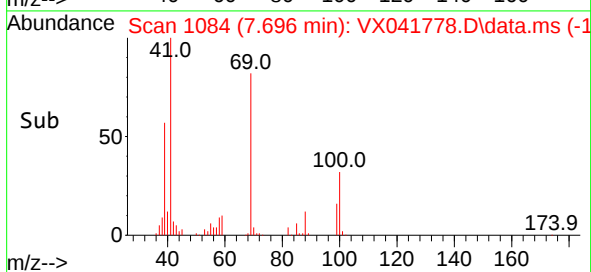
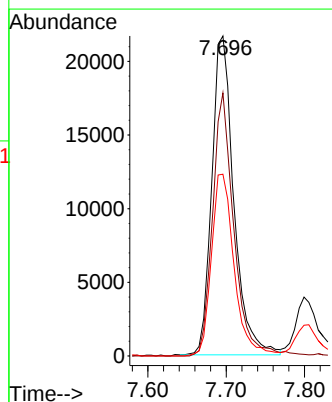
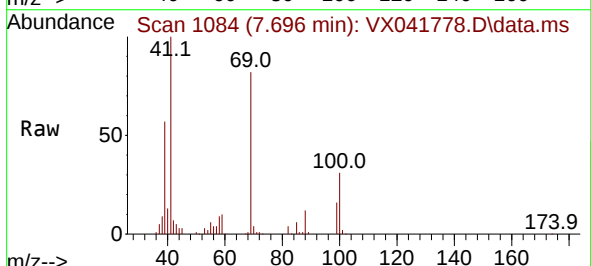
Manual Integrations
APPROVED

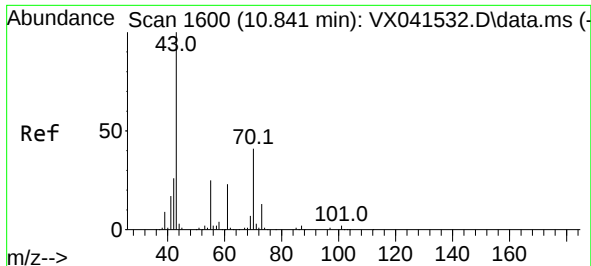
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#46
Methyl methacrylate
Concen: 22.192 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

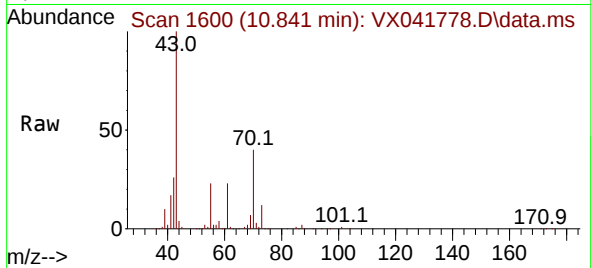
Tgt Ion: 41 Resp: 42432
Ion Ratio Lower Upper
41 100
69 82.5 39.6 119.0
39 57.0 30.9 92.8





#47
n-amy1 Acetate
Concen: 21.299 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

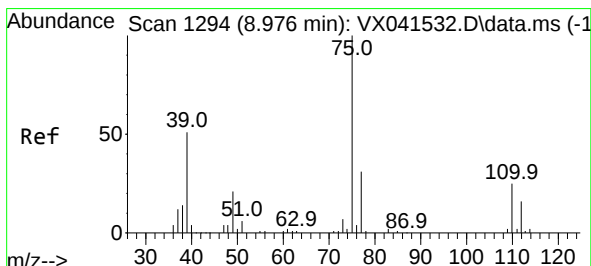
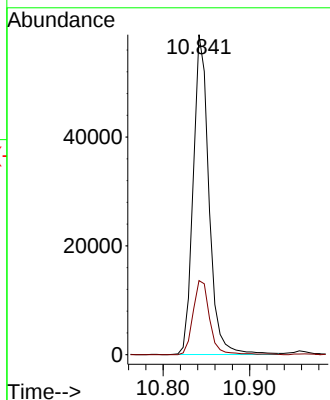
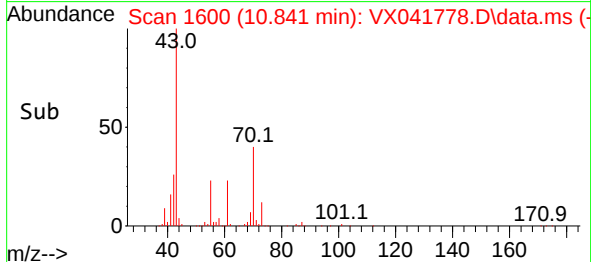
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 74225
Ion Ratio Lower Upper
43 100
55 24.2 19.4 29.0

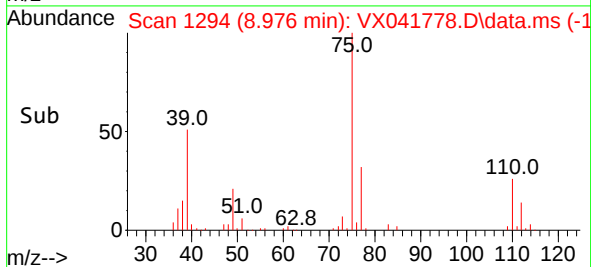
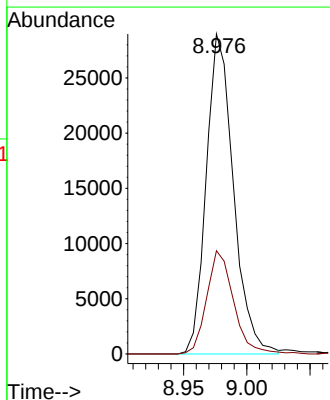
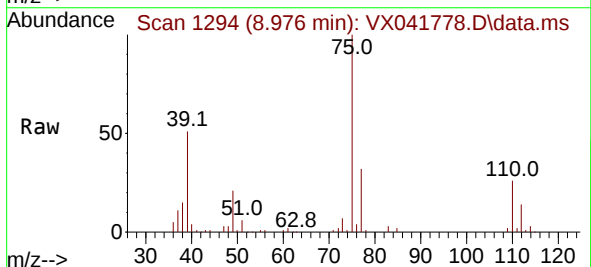
Manual Integrations
APPROVED

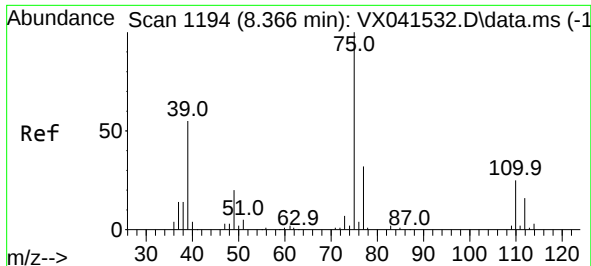
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#48
t-1,3-Dichloropropene
Concen: 19.710 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Tgt Ion: 75 Resp: 43341
Ion Ratio Lower Upper
75 100
77 32.2 24.5 36.7





#49

cis-1,3-Dichloropropene

Concen: 20.756 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041778.D

Acq: 07 Jun 2024 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 49430

Ion Ratio Lower Upper

75 100

77 31.4 25.8 38.8

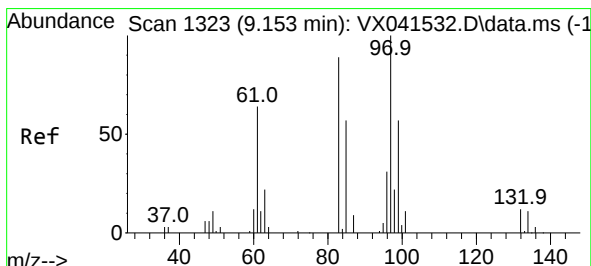
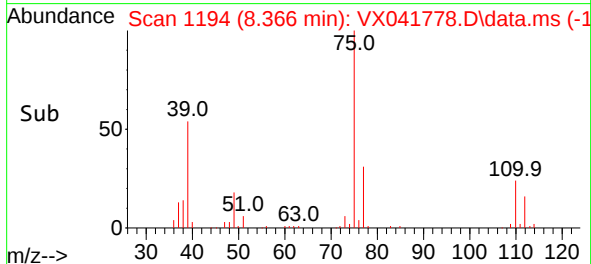
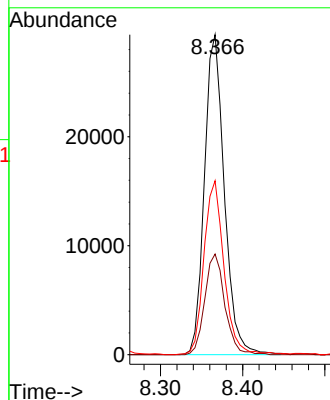
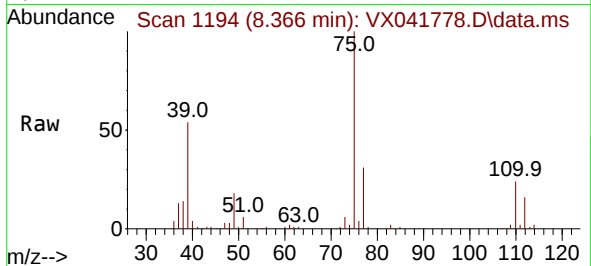
39 54.2 43.6 65.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2024

Supervised By :Mahesh Dadoda 06/10/2024



#50

1,1,2-Trichloroethane

Concen: 22.418 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX041778.D

Acq: 07 Jun 2024 09:55

Tgt Ion: 97 Resp: 36372

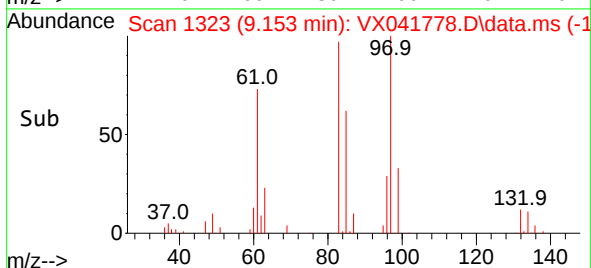
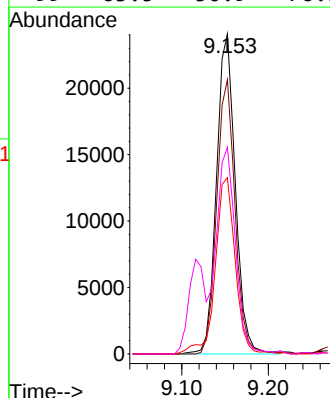
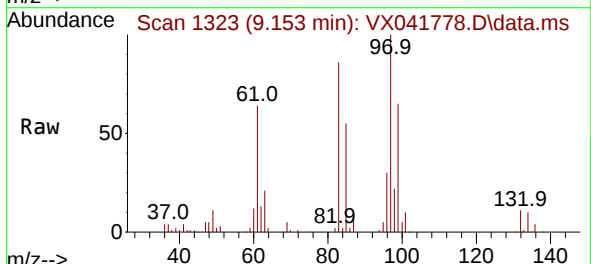
Ion Ratio Lower Upper

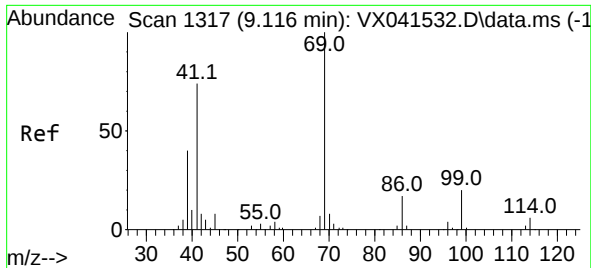
97 100

83 85.7 71.3 106.9

85 54.9 45.7 68.5

99 63.5 50.9 76.3





#51
Ethyl methacrylate
Concen: 21.462 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

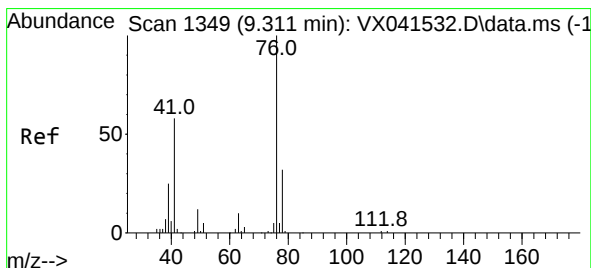
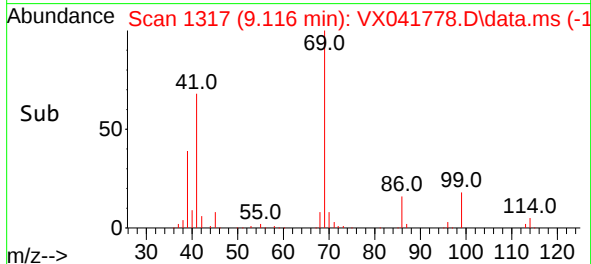
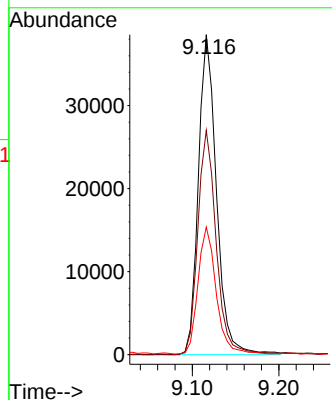
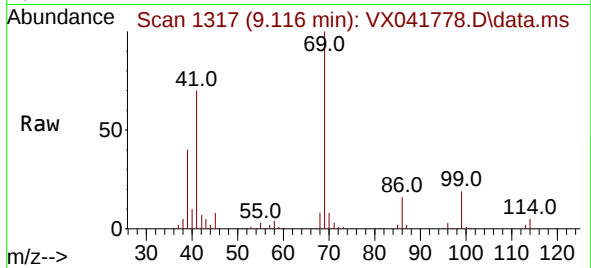
Tgt Ion: 69 Resp: 5604
Ion Ratio Lower Upper
69 100
41 69.9 37.1 111.3
39 39.6 20.2 60.6

Manual Integrations

APPROVED

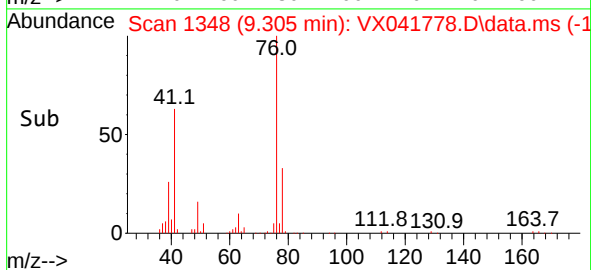
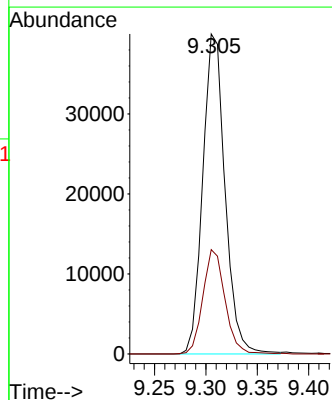
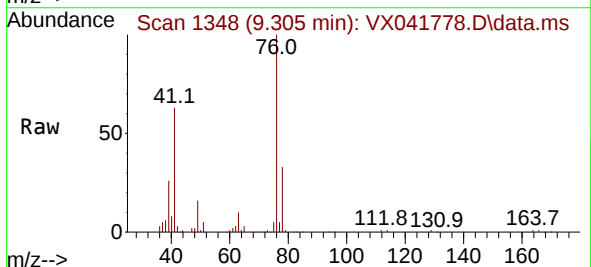
Reviewed By :John Carlone 06/10/2024

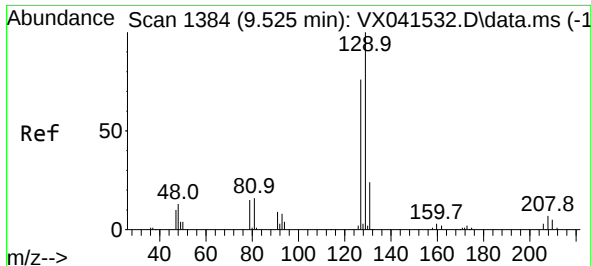
Supervised By :Mahesh Dadoda 06/10/2024



#52
1,3-Dichloropropane
Concen: 22.512 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

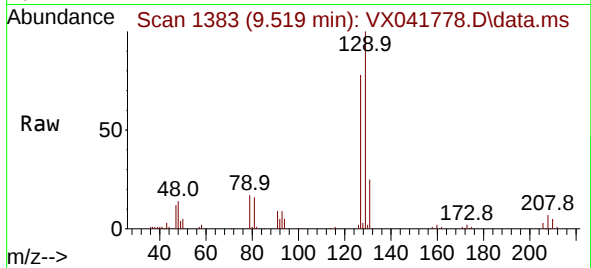
Tgt Ion: 76 Resp: 60355
Ion Ratio Lower Upper
76 100
78 32.1 0.0 64.4





#53
Dibromochloromethane
Concen: 20.579 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

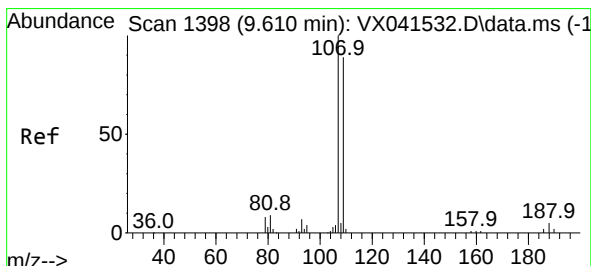
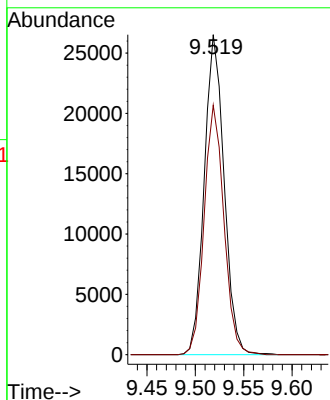
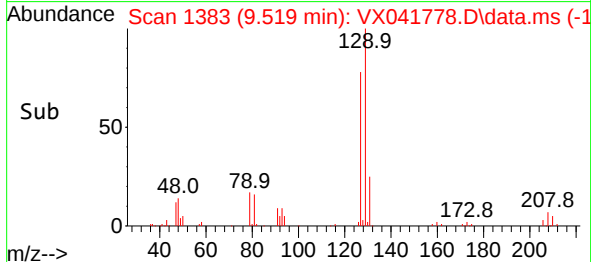
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



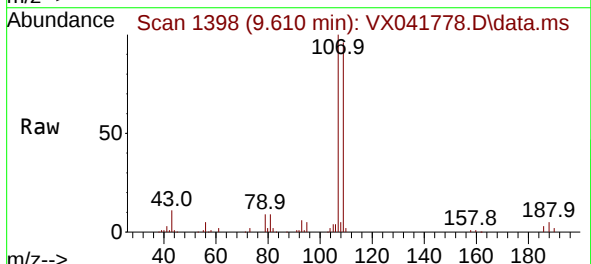
Tgt Ion:129 Resp: 37990
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.7

Manual Integrations
APPROVED

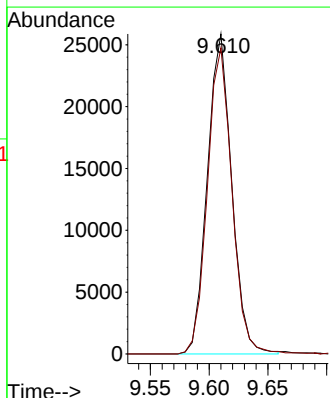
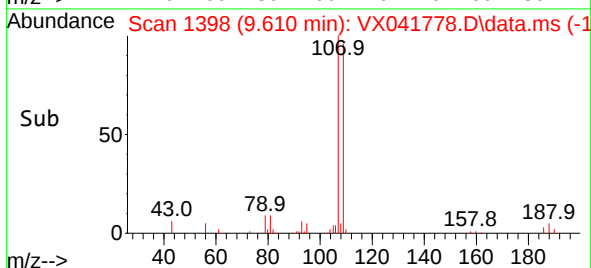
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024

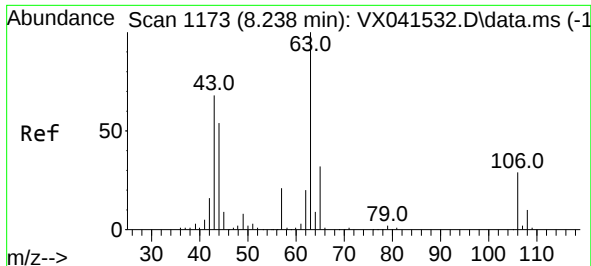


#54
1,2-Dibromoethane
Concen: 21.727 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55



Tgt Ion:107 Resp: 37381
Ion Ratio Lower Upper
107 100
109 96.2 75.3 112.9





#55

2-Chloroethyl vinyl ether

Concen: 103.915 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX041778.D

Acq: 07 Jun 2024 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 13246

Ion Ratio Lower Upper

63 100

65 32.0 25.5 38.3

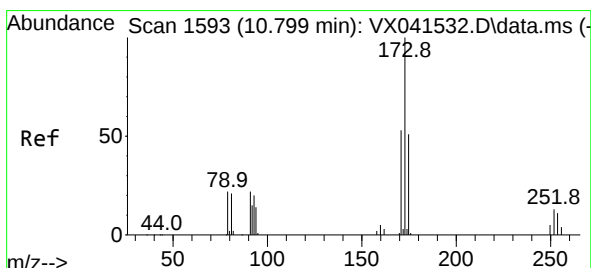
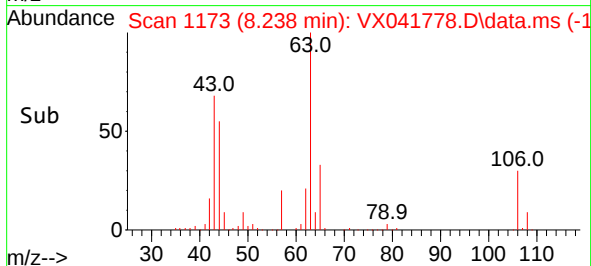
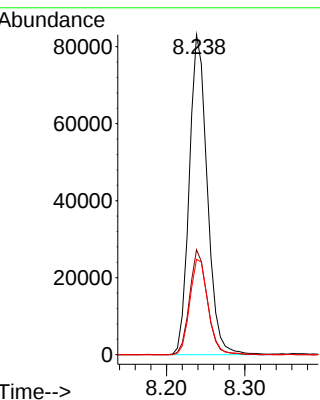
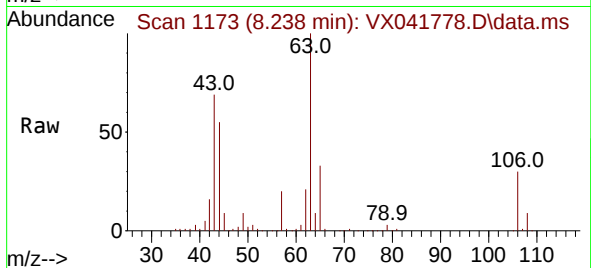
106 30.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2024

Supervised By :Mahesh Dadoda 06/10/2024



#56

Bromoform

Concen: 19.910 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX041778.D

Acq: 07 Jun 2024 09:55

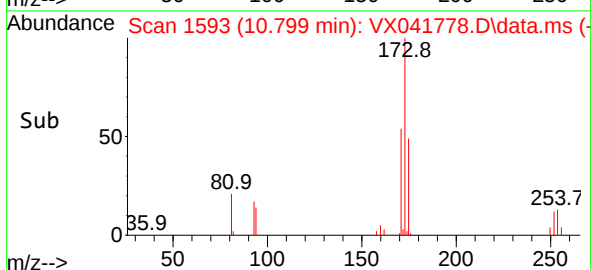
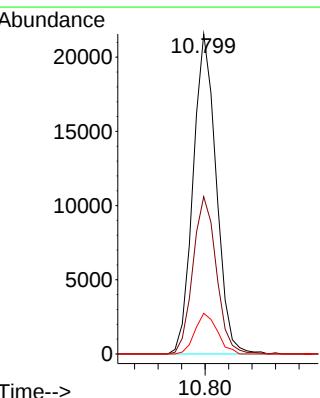
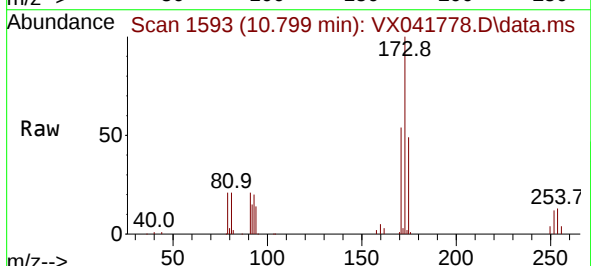
Tgt Ion:173 Resp: 29447

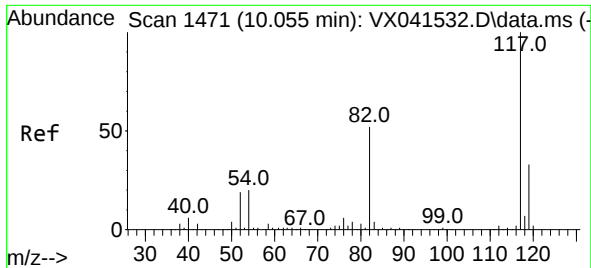
Ion Ratio Lower Upper

173 100

175 49.9 39.0 58.6

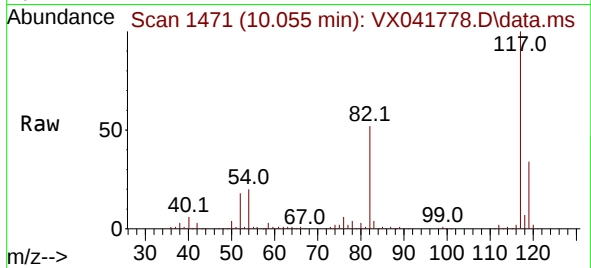
254 12.3 10.3 15.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

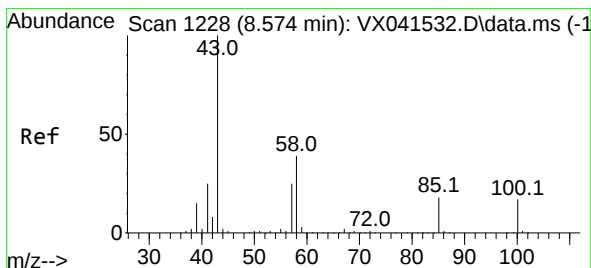
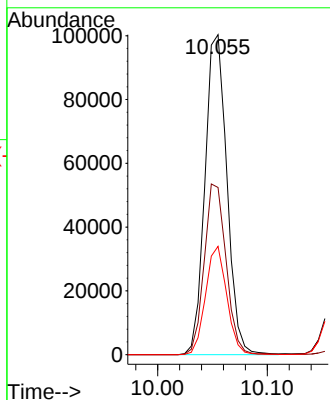
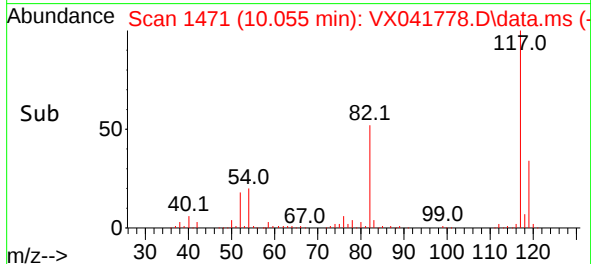
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 139752
Ion Ratio Lower Upper
117 100
82 53.0 41.7 62.5
119 32.7 25.7 38.5

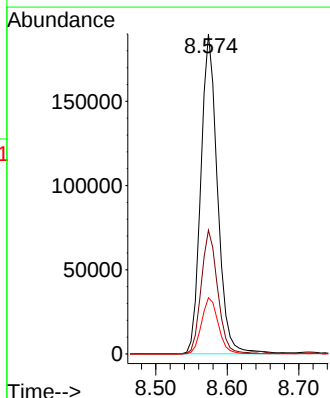
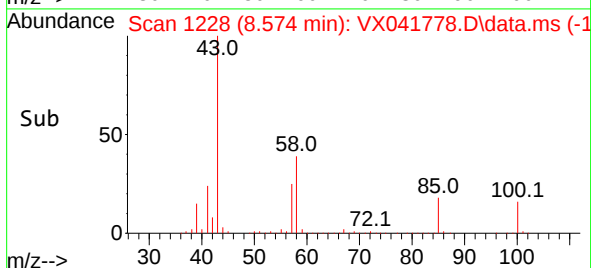
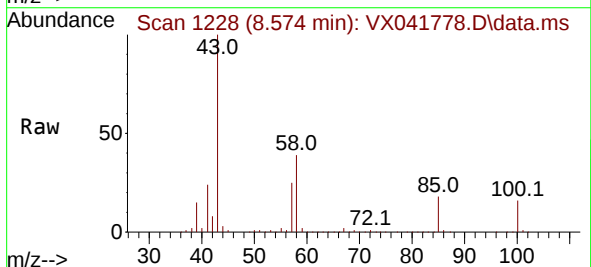
Manual Integrations
APPROVED

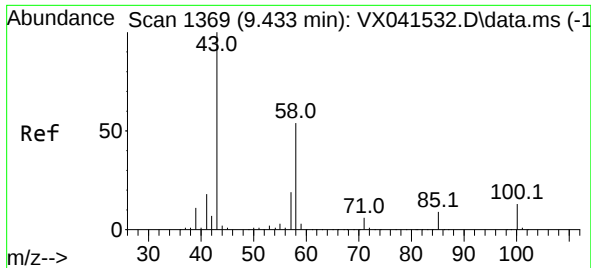
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#58
4-Methyl-2-Pentanone
Concen: 120.345 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

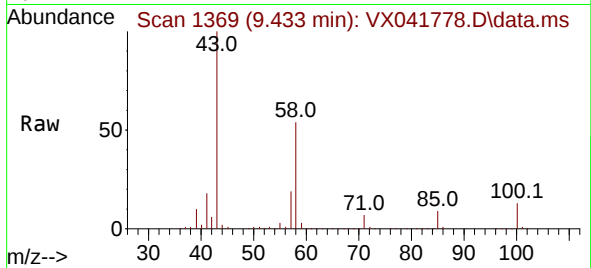
Tgt Ion: 43 Resp: 307299
Ion Ratio Lower Upper
43 100
58 38.2 30.2 45.4
85 17.7 14.6 21.8





#59
2-Hexanone
Concen: 116.542 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

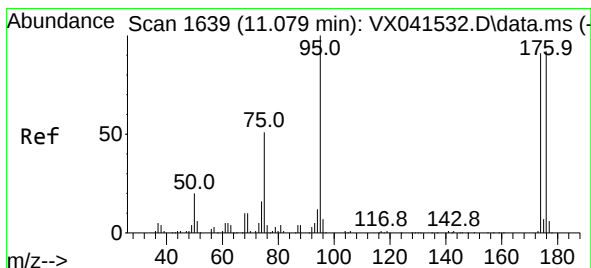
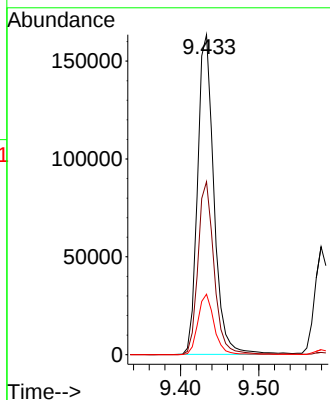
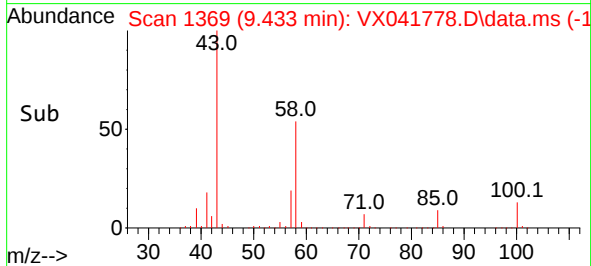
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 237072
Ion Ratio Lower Upper
43 100
58 53.4 42.3 63.5
57 18.8 15.1 22.7

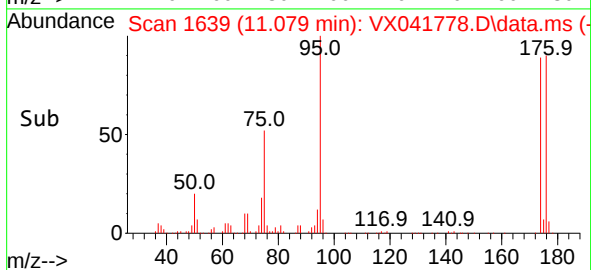
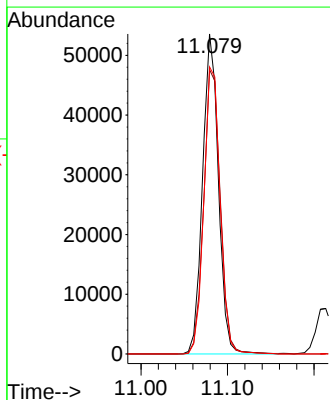
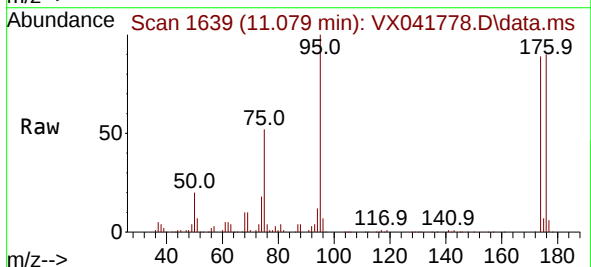
Manual Integrations
APPROVED

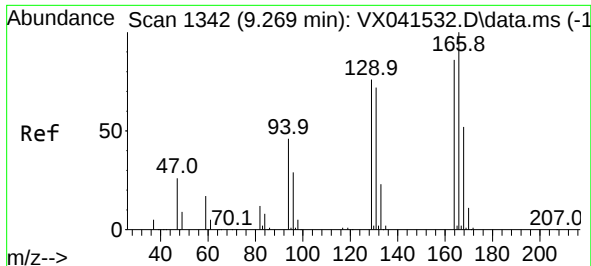
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#60
4-Bromofluorobenzene
Concen: 31.227 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

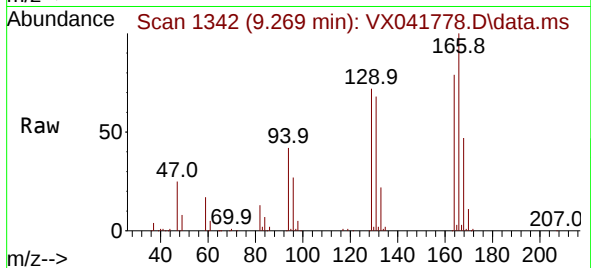
Tgt Ion: 95 Resp: 68125
Ion Ratio Lower Upper
95 100
174 93.1 76.6 115.0
176 91.9 75.4 113.0





#61
Tetrachloroethene
Concen: 20.000 ug/l
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

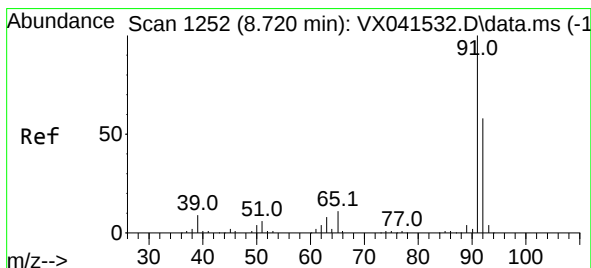
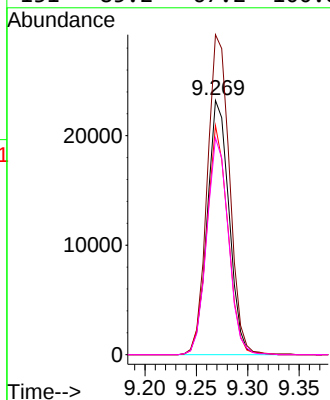
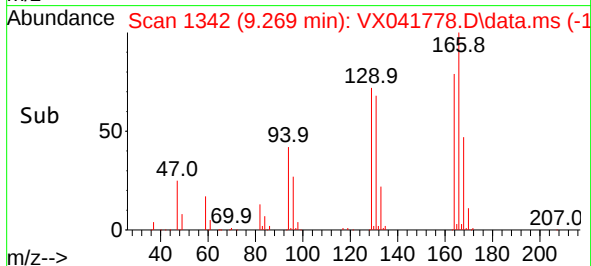
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:164 Resp: 3419
Ion Ratio Lower Upper
164 100
166 125.8 92.8 139.2
129 90.1 70.1 105.1
131 85.2 67.2 100.8

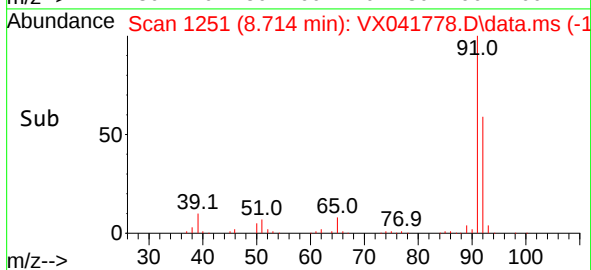
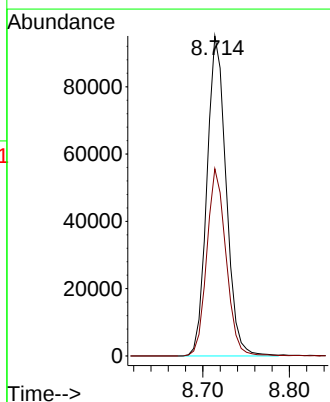
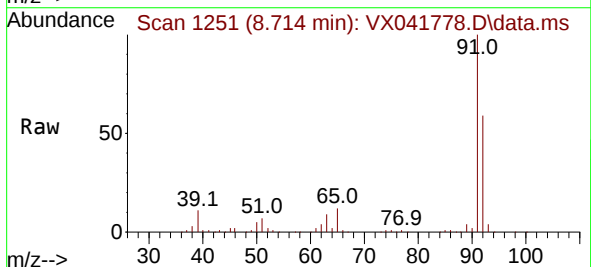
Manual Integrations
APPROVED

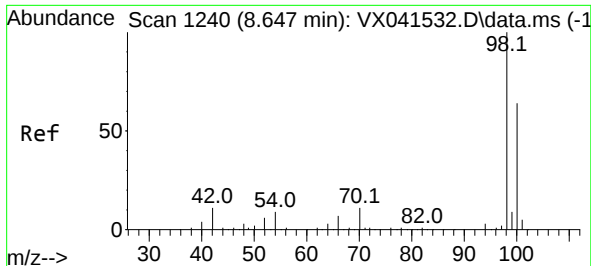
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#62
Toluene
Concen: 21.029 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

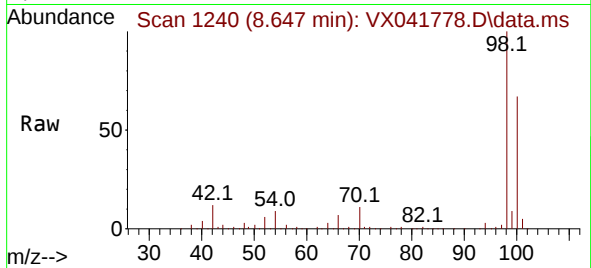
Tgt Ion: 91 Resp: 146230
Ion Ratio Lower Upper
91 100
92 58.5 47.0 70.6





#63
Toluene-d8
Concen: 29.577 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

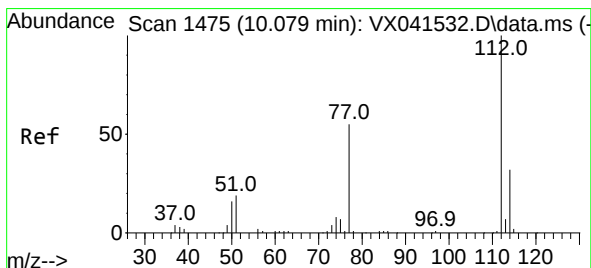
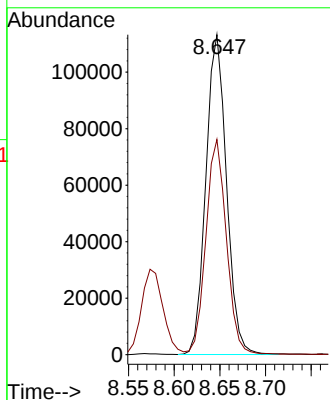
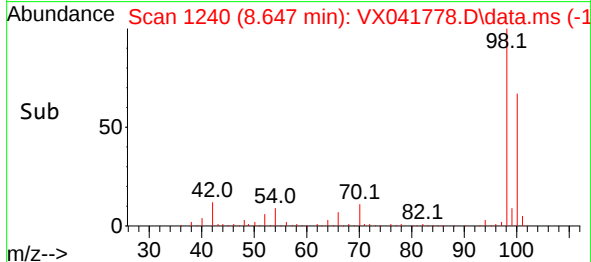
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



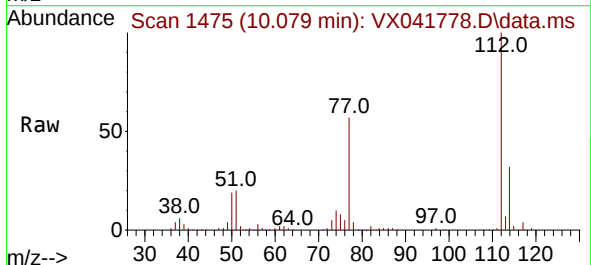
Tgt Ion: 98 Resp: 17718
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7

Manual Integrations
APPROVED

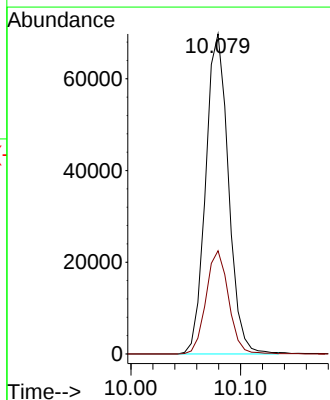
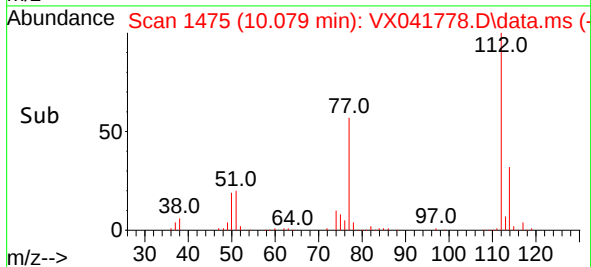
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024

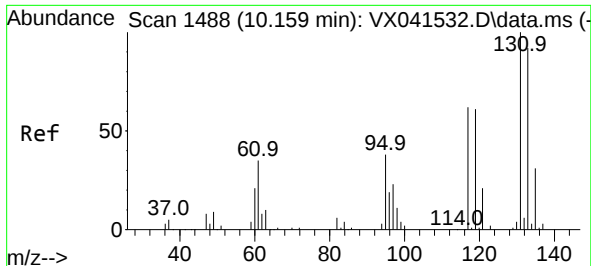


#64
Chlorobenzene
Concen: 21.358 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55



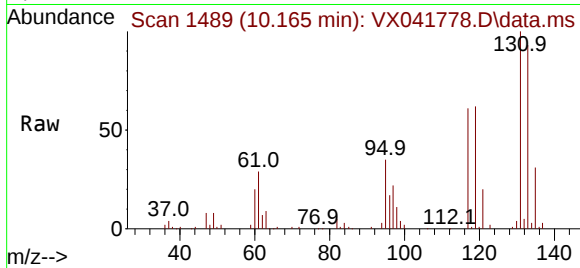
Tgt Ion:112 Resp: 100881
Ion Ratio Lower Upper
112 100
114 32.3 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 21.148 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

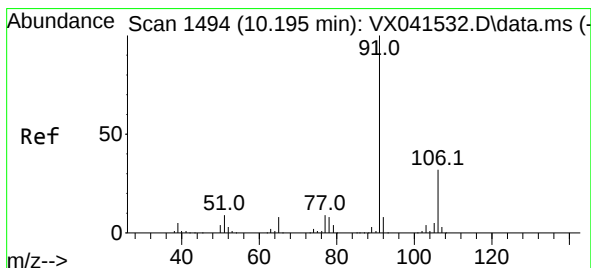
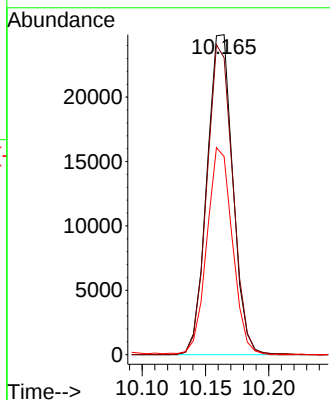
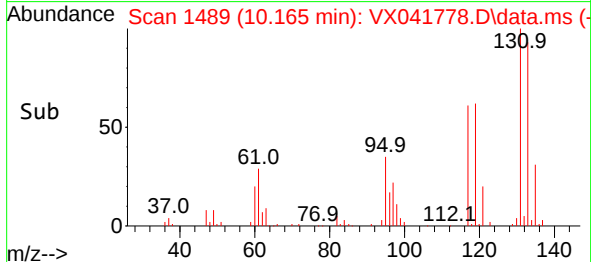
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:131 Resp: 35350
Ion Ratio Lower Upper
131 100
133 96.8 0.0 191.6
119 63.8 0.0 126.4

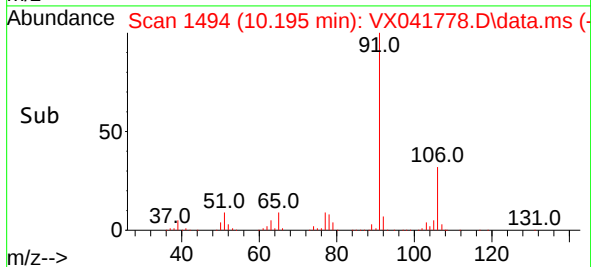
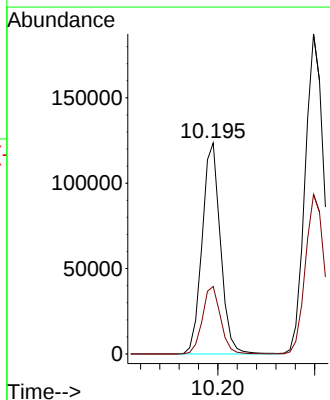
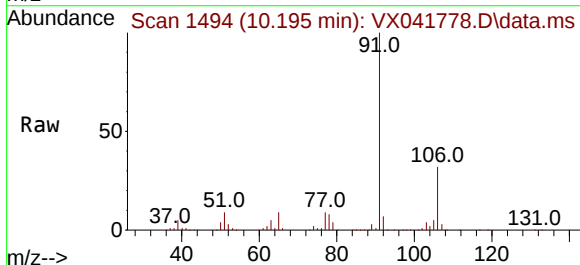
Manual Integrations
APPROVED

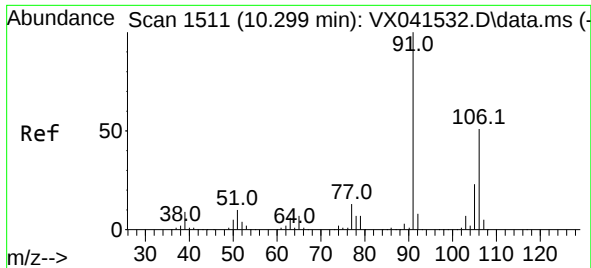
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#66
Ethyl Benzene
Concen: 21.111 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Tgt Ion: 91 Resp: 163012
Ion Ratio Lower Upper
91 100
106 32.0 25.9 38.9





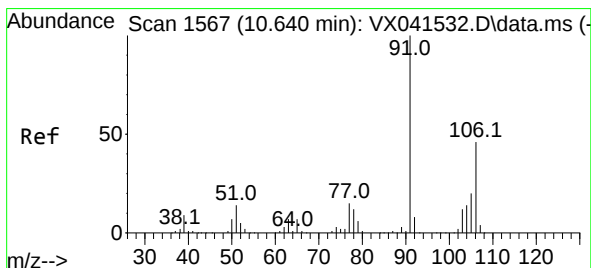
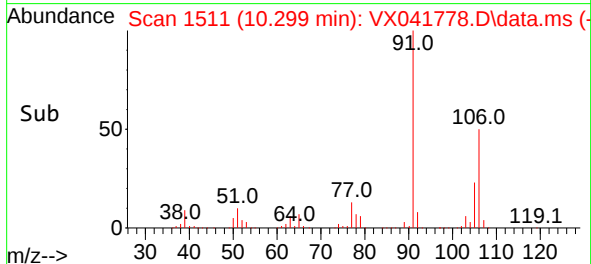
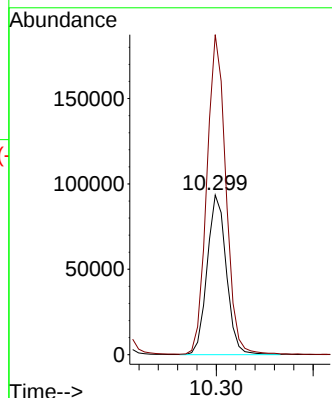
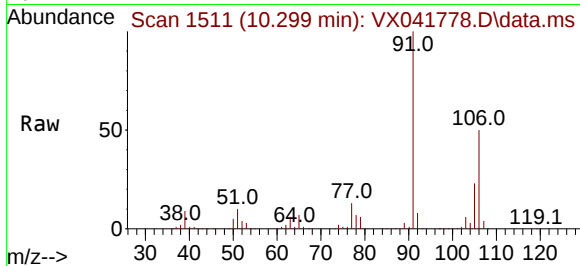
#67
m/p-Xylenes
Concen: 42.766 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 12913
Ion Ratio Lower Upper
106 100
91 198.2 156.5 234.7

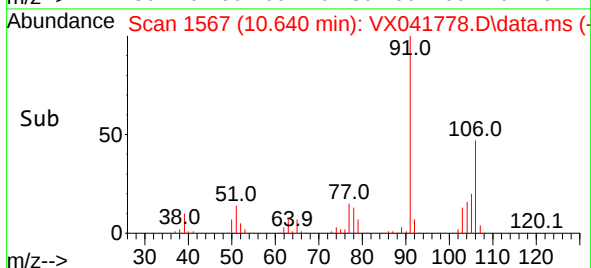
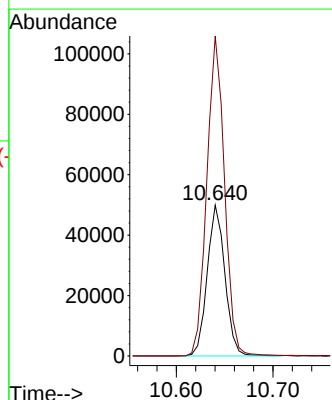
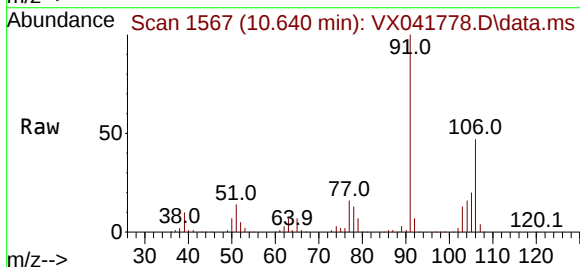
Manual Integrations
APPROVED

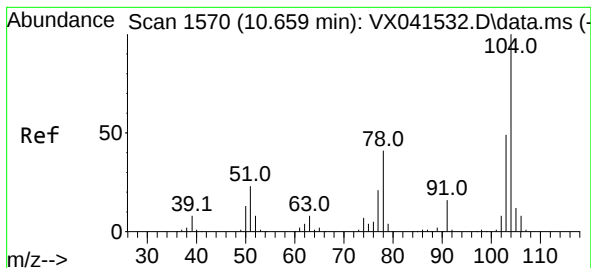
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#68
o-Xylene
Concen: 20.960 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Tgt Ion:106 Resp: 63707
Ion Ratio Lower Upper
106 100
91 211.2 105.2 315.6





#69

Styrene

Concen: 21.340 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX041778.D

Acq: 07 Jun 2024 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

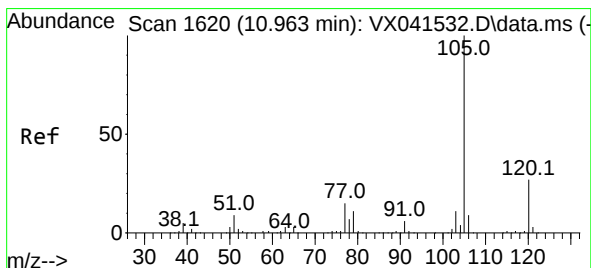
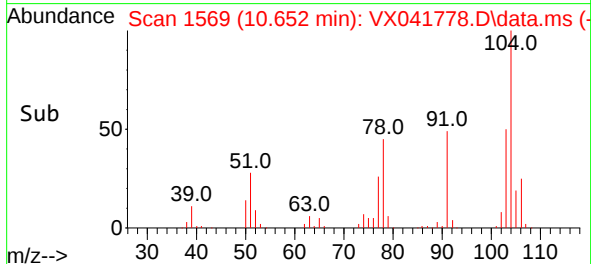
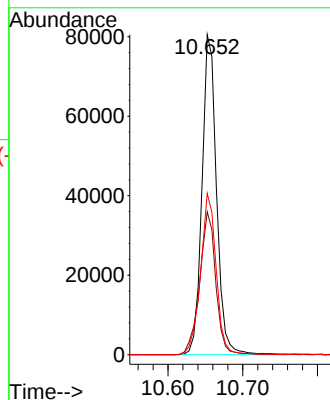
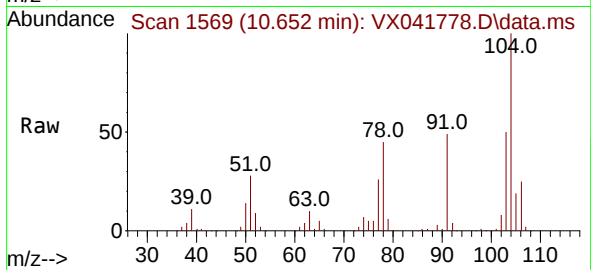
Tgt Ion:104 Resp: 10875
Ion Ratio Lower Upper
104 100
78 49.4 39.3 58.9
103 54.0 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2024

Supervised By :Mahesh Dadoda 06/10/2024



#70

Isopropylbenzene

Concen: 21.871 ug/l

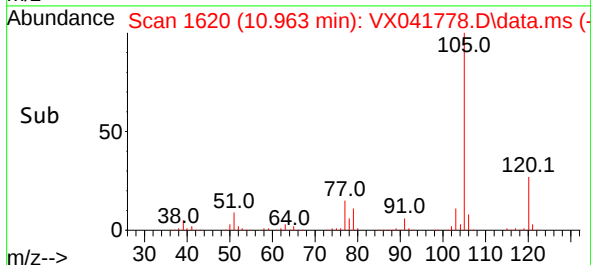
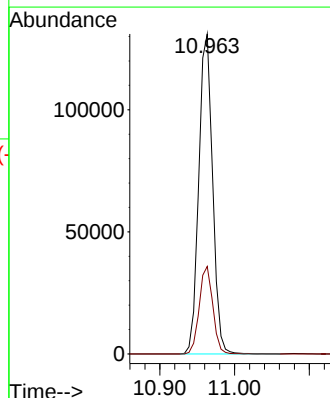
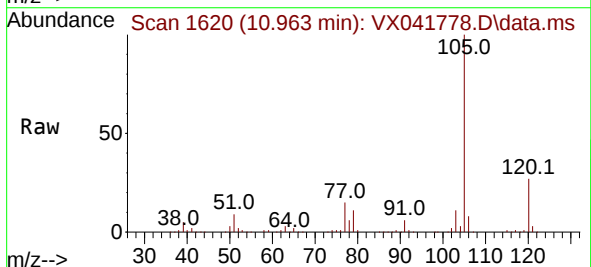
RT: 10.963 min Scan# 1620

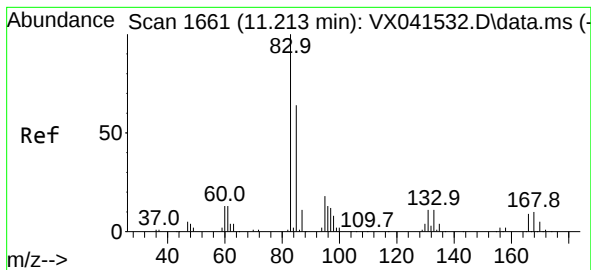
Delta R.T. 0.000 min

Lab File: VX041778.D

Acq: 07 Jun 2024 09:55

Tgt Ion:105 Resp: 167979
Ion Ratio Lower Upper
105 100
120 26.8 18.8 34.8





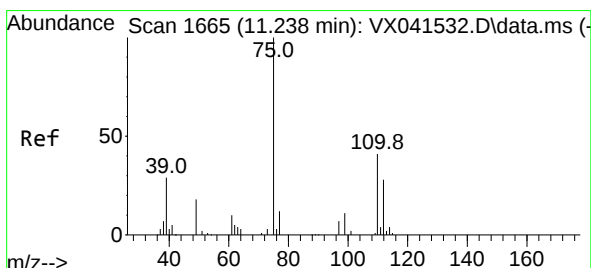
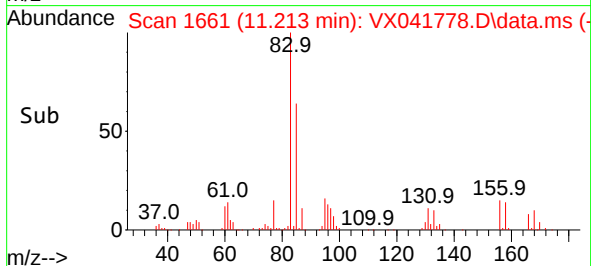
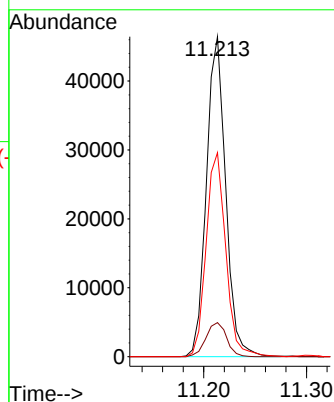
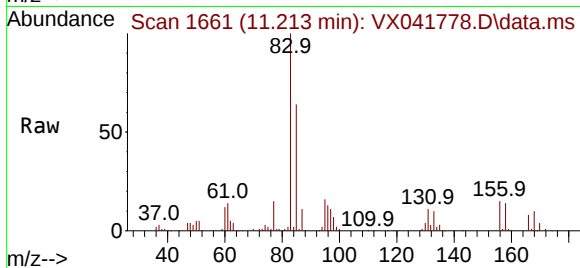
#71
1,1,2,2-Tetrachloroethane
Concen: 22.928 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 6049
Ion Ratio Lower Upper
83 100
131 11.4 5.7 17.0
85 65.0 32.3 96.8

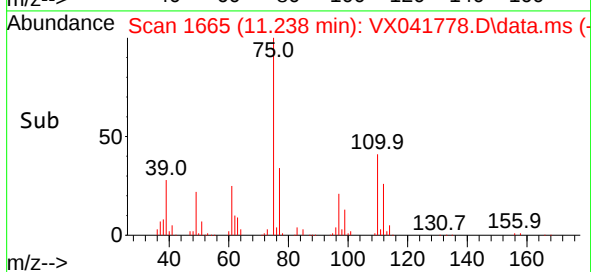
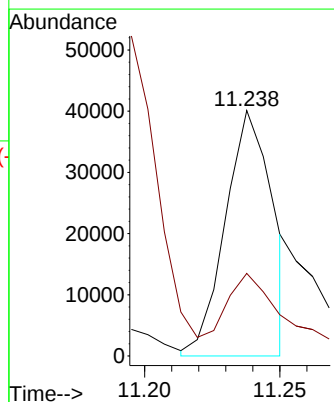
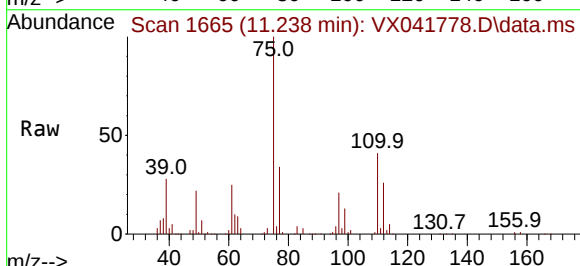
Manual Integrations
APPROVED

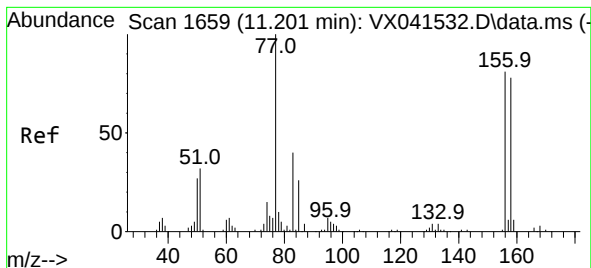
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#72
1,2,3-Trichloropropane
Concen: 20.528 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Tgt Ion: 75 Resp: 48845
Ion Ratio Lower Upper
75 100
77 43.7 0.0 78.8





#73

Bromobenzene

Concen: 20.958 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX041778.D

Acq: 07 Jun 2024 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

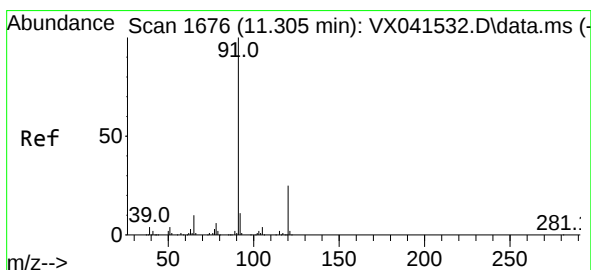
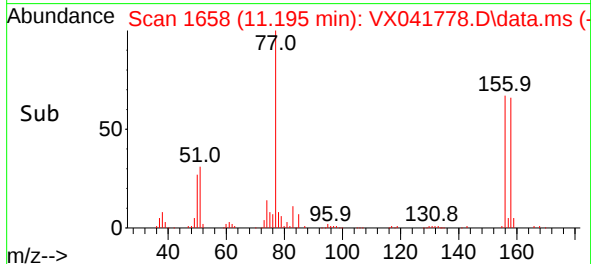
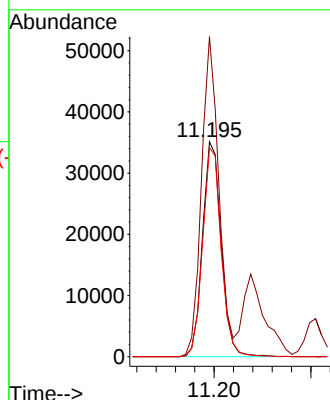
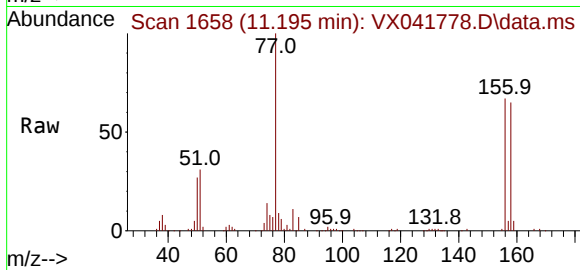
Tgt Ion:	156	Resp:	47290
Ion Ratio	Lower	Upper	
156	100		
77	137.7	0.0	267.4
158	96.3	0.0	192.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2024

Supervised By :Mahesh Dadoda 06/10/2024



#74

n-propylbenzene

Concen: 21.563 ug/l

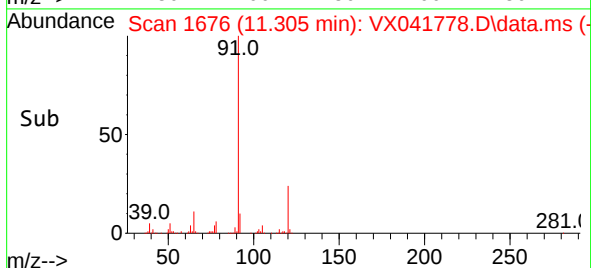
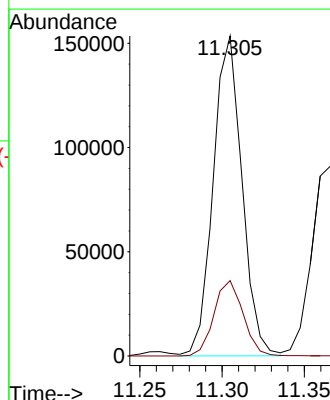
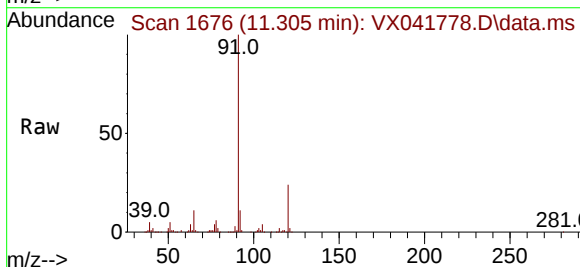
RT: 11.305 min Scan# 1676

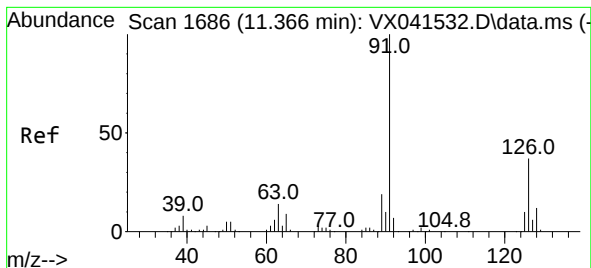
Delta R.T. 0.000 min

Lab File: VX041778.D

Acq: 07 Jun 2024 09:55

Tgt Ion:	91	Resp:	186743
Ion Ratio	Lower	Upper	
91	100		
120	23.9	0.0	48.4





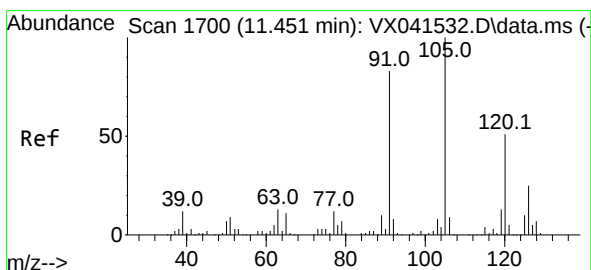
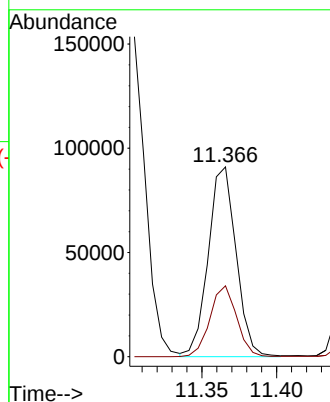
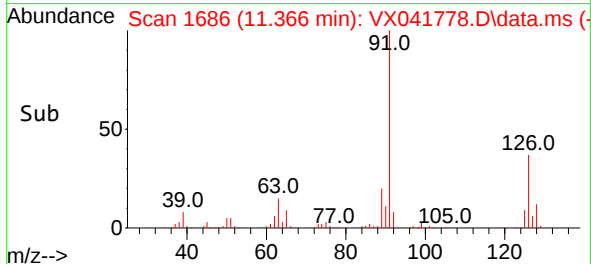
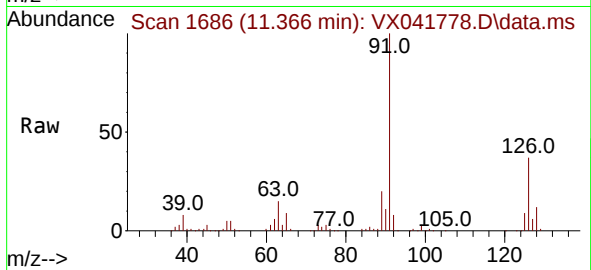
#75
2-Chlorotoluene
Concen: 21.692 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 117969
Ion Ratio Lower Upper
91 100
126 35.8 0.0 71.6

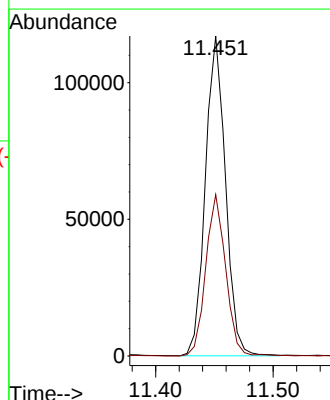
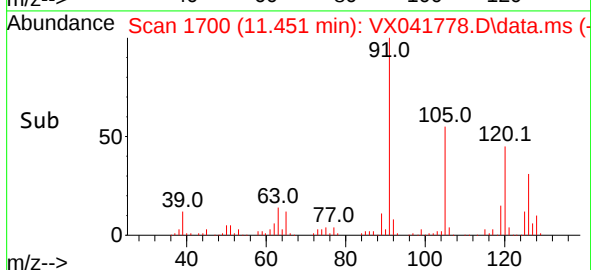
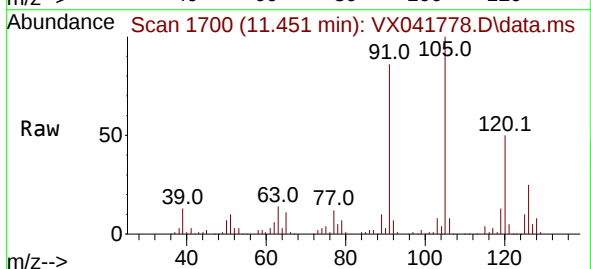
Manual Integrations
APPROVED

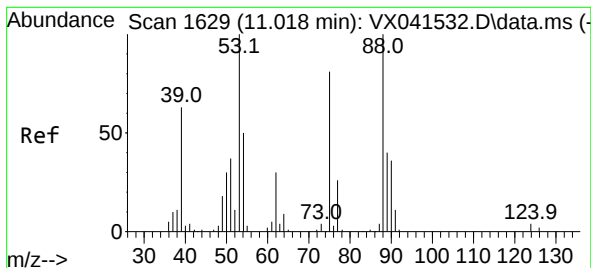
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#76
1,3,5-Trimethylbenzene
Concen: 21.228 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

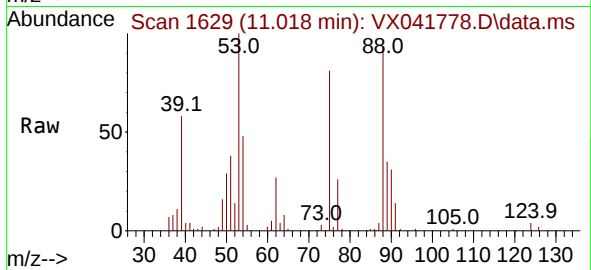
Tgt Ion:105 Resp: 139163
Ion Ratio Lower Upper
105 100
120 49.6 0.0 102.6





#77
t-1,4-Dichloro-2-butene
Concen: 20.248 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

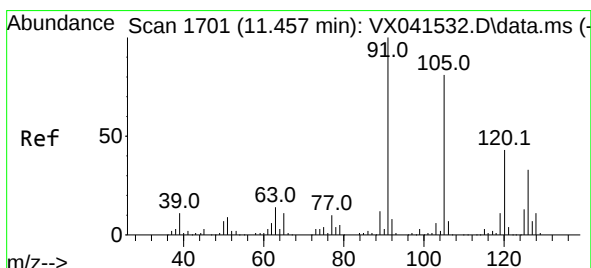
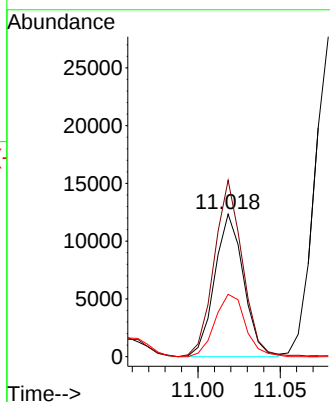
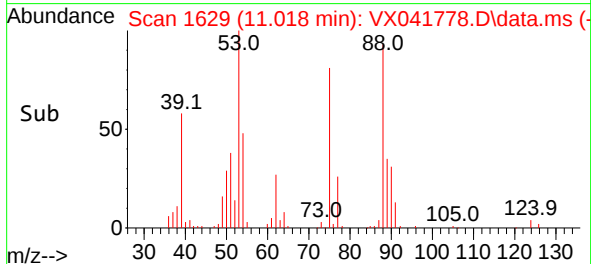
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 1514
Ion Ratio Lower Upper
75 100
53 123.8 61.8 185.3
89 43.7 24.9 74.7

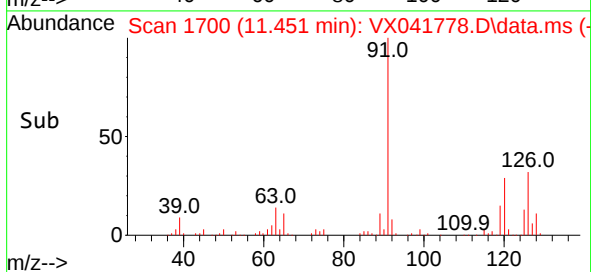
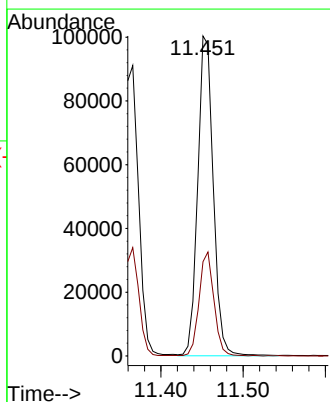
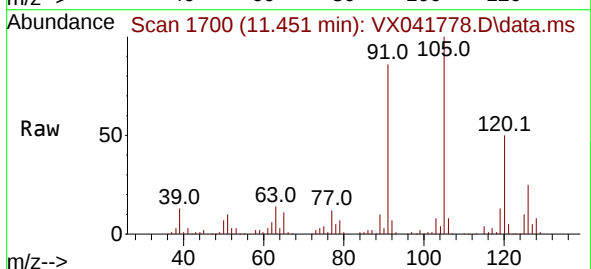
Manual Integrations
APPROVED

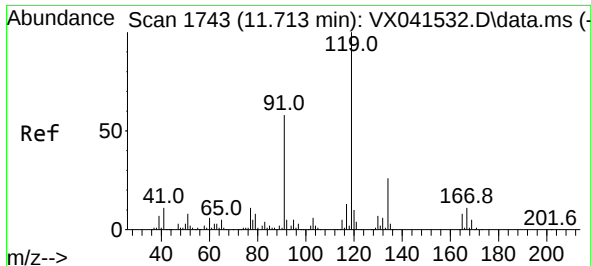
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#78
4-Chlorotoluene
Concen: 21.341 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

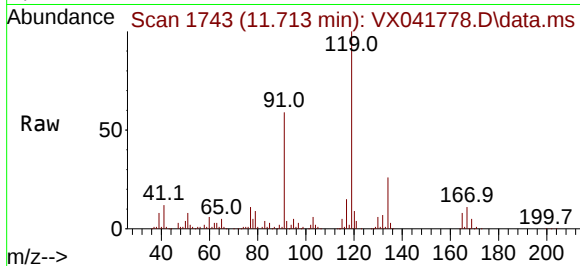
Tgt Ion: 91 Resp: 132189
Ion Ratio Lower Upper
91 100
126 31.0 0.0 62.2





#79
tert-butylbenzene
Concen: 21.215 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

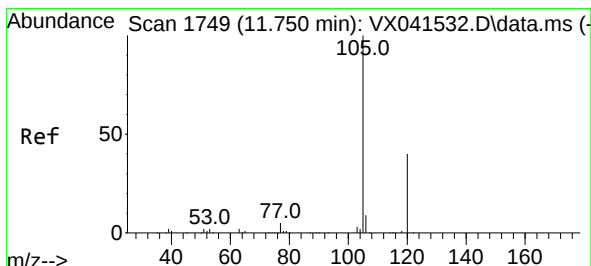
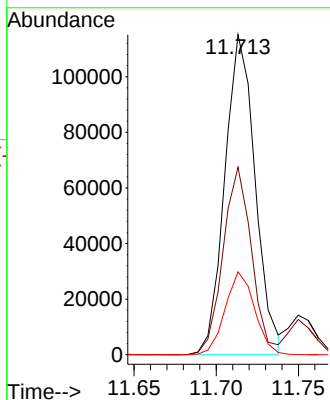
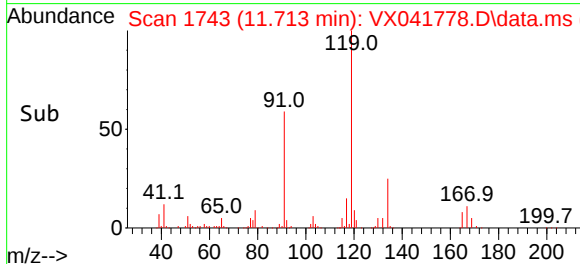
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:119 Resp: 148015
Ion Ratio Lower Upper
119 100
91 55.2 0.0 110.0
134 25.1 0.0 50.0

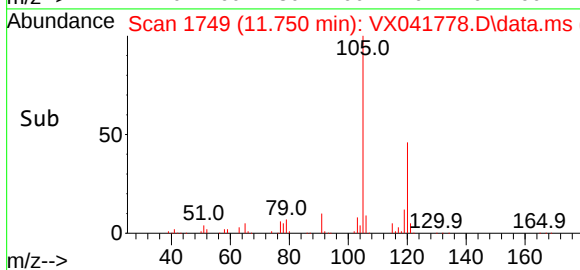
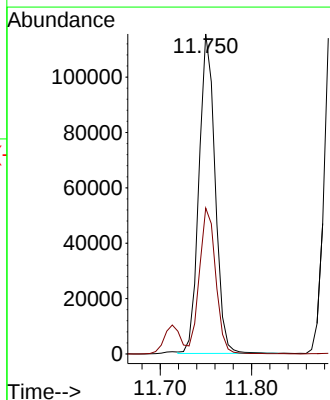
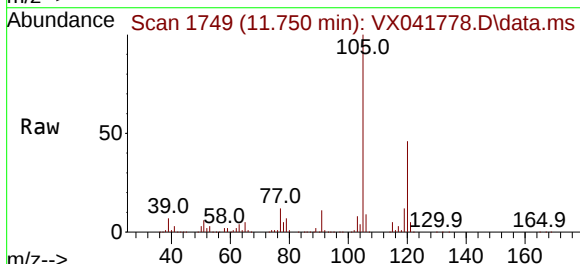
Manual Integrations
APPROVED

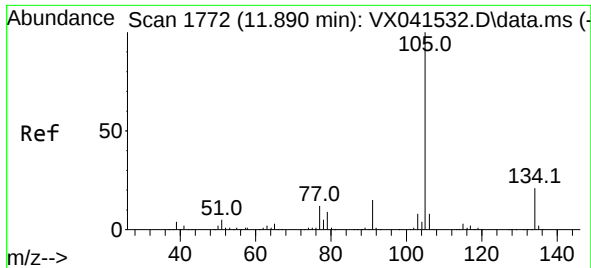
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#80
1,2,4-Trimethylbenzene
Concen: 21.446 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

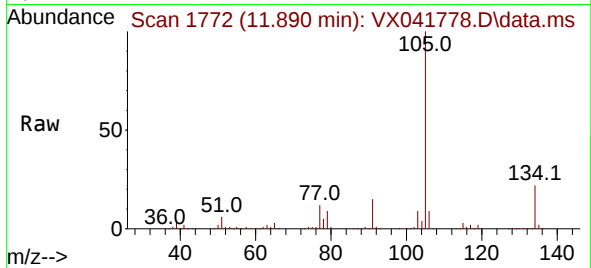
Tgt Ion:105 Resp: 140915
Ion Ratio Lower Upper
105 100
120 46.2 0.0 92.2





#81
 sec-Butylbenzene
 Concen: 21.264 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041778.D
 Acq: 07 Jun 2024 09:55

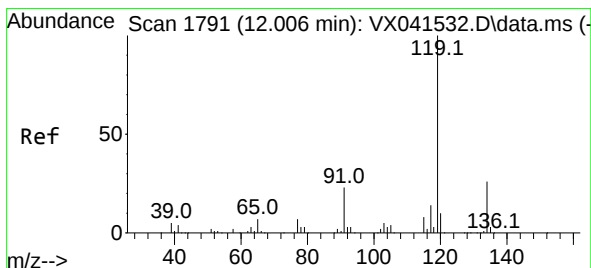
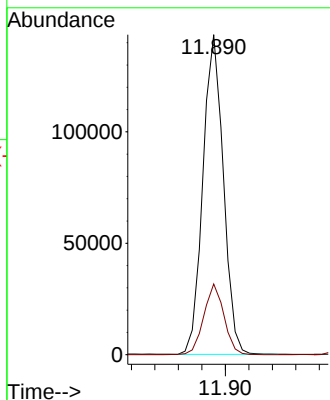
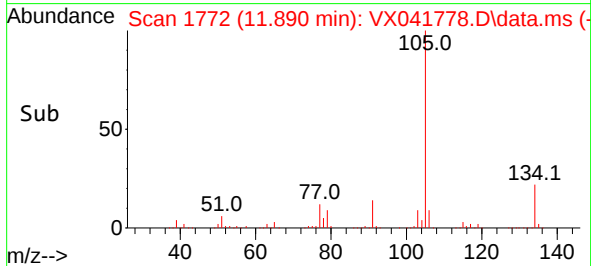
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



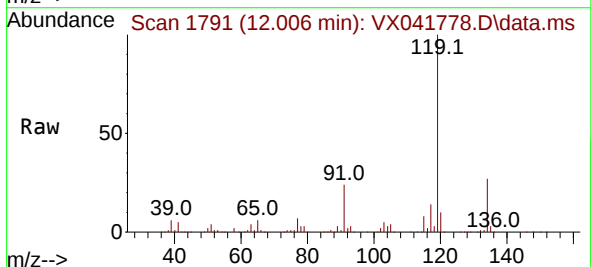
Tgt Ion:105 Resp: 17336
 Ion Ratio Lower Upper
 105 100
 134 21.8 0.0 43.4

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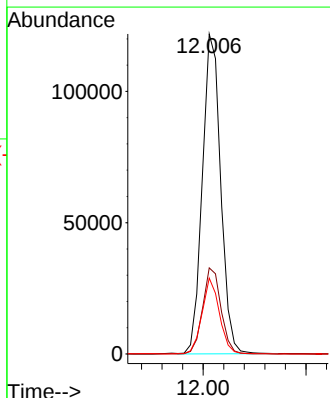
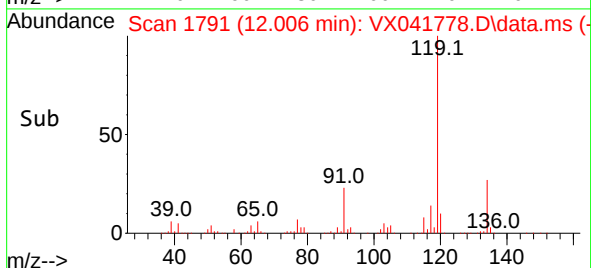
Reviewed By :John Carlone 06/10/2024
 Supervised By :Mahesh Dadoda 06/10/2024

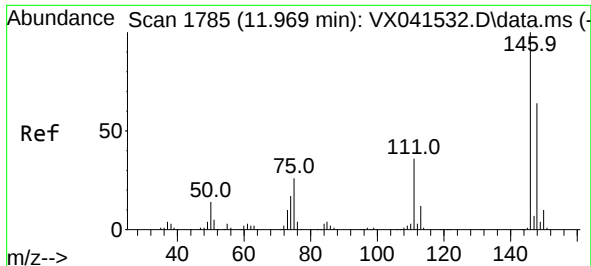


#82
 p-Isopropyltoluene
 Concen: 21.161 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041778.D
 Acq: 07 Jun 2024 09:55



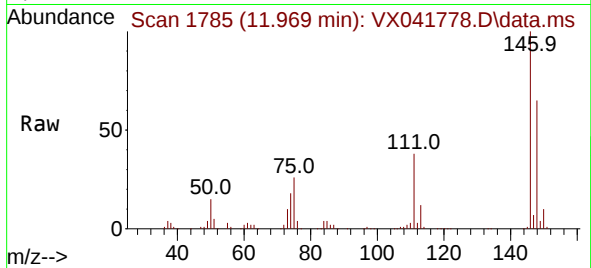
Tgt Ion:119 Resp: 151027
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 53.4
 91 22.5 0.0 44.8





#83
1,3-Dichlorobenzene
Concen: 20.783 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

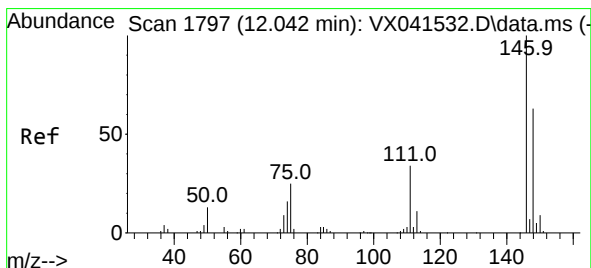
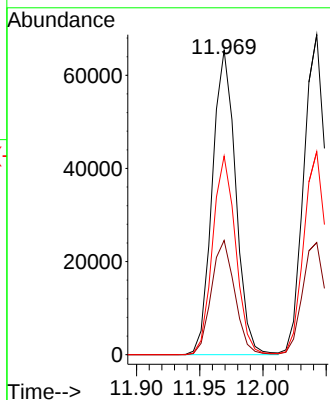
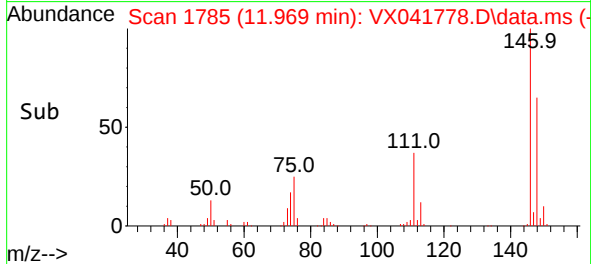
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



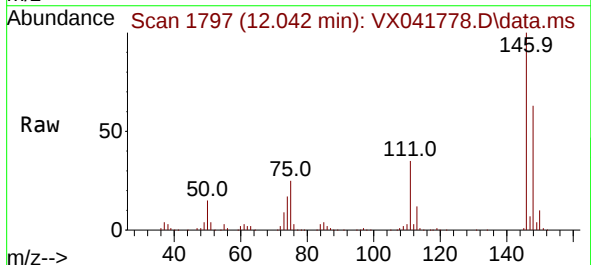
Tgt Ion:146 Resp: 84110
Ion Ratio Lower Upper
146 100
111 37.6 18.4 55.2
148 64.3 32.3 96.9

Manual Integrations
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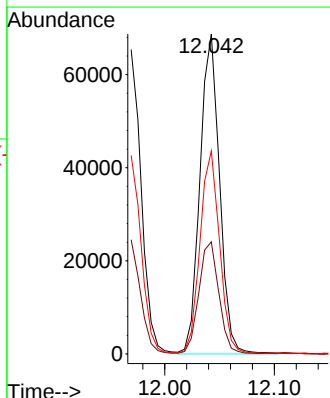
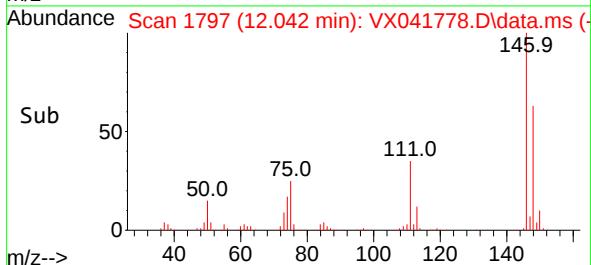
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024

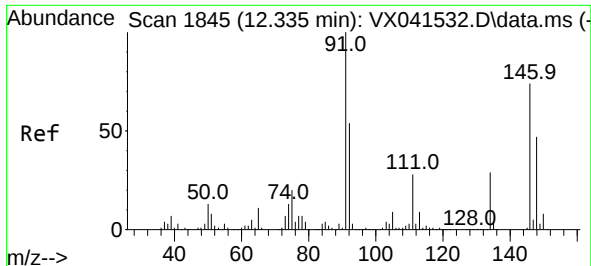


#84
1,4-Dichlorobenzene
Concen: 20.900 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55



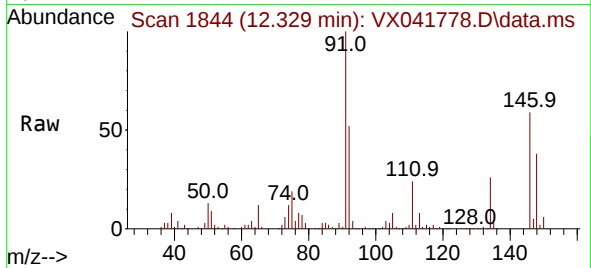
Tgt Ion:146 Resp: 85473
Ion Ratio Lower Upper
146 100
111 35.4 17.8 53.5
148 63.0 31.9 95.5





#85
n-Butylbenzene
Concen: 20.468 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

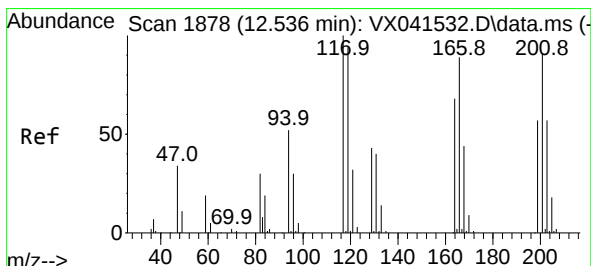
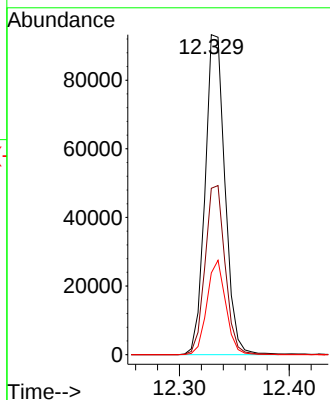
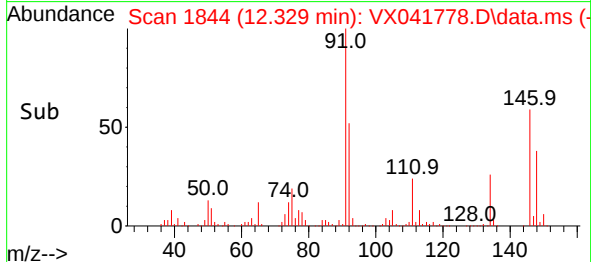
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 117549
Ion Ratio Lower Upper
91 100
92 53.3 0.0 108.4
134 27.9 0.0 56.6

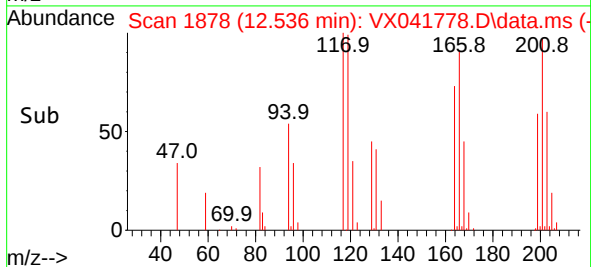
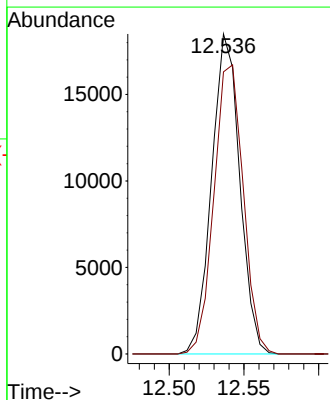
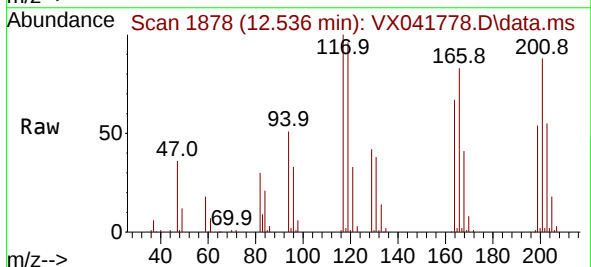
Manual Integrations
APPROVED

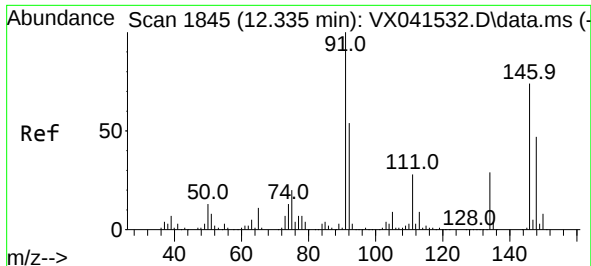
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#86
Hexachloroethane
Concen: 20.118 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

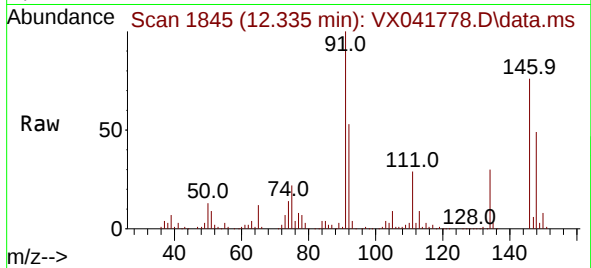
Tgt Ion:117 Resp: 24173
Ion Ratio Lower Upper
117 100
201 94.3 47.3 141.8





#87
 1,2-Dichlorobenzene
 Concen: 21.292 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX041778.D
 Acq: 07 Jun 2024 09:55

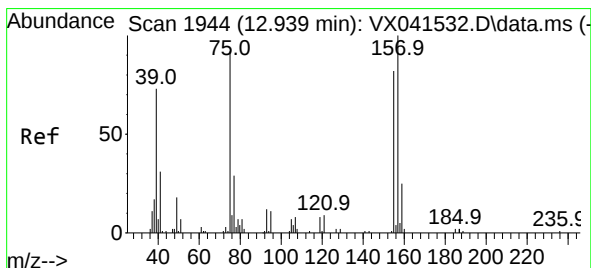
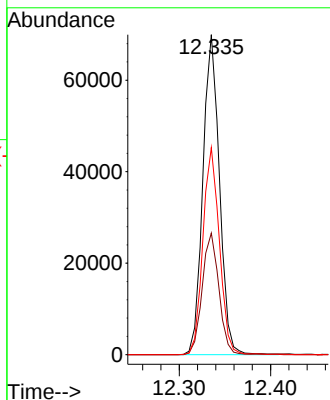
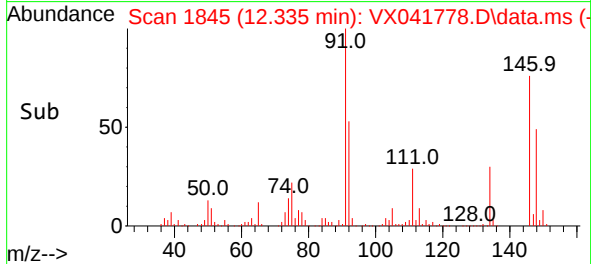
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



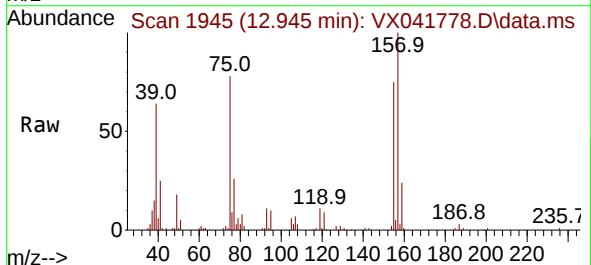
Tgt Ion:146 Resp: 87958
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.3 57.9
 148 63.9 31.8 95.4

Manual Integrations
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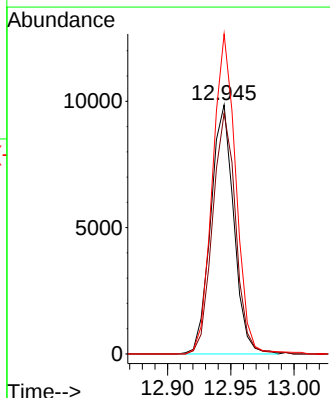
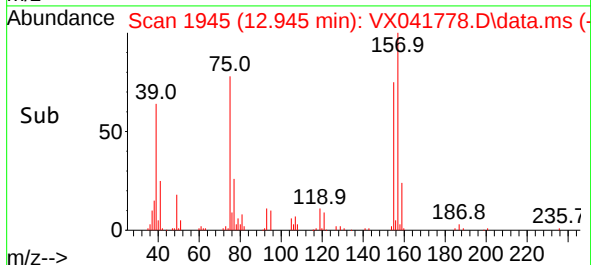
Reviewed By :John Carlone 06/10/2024
 Supervised By :Mahesh Dadoda 06/10/2024

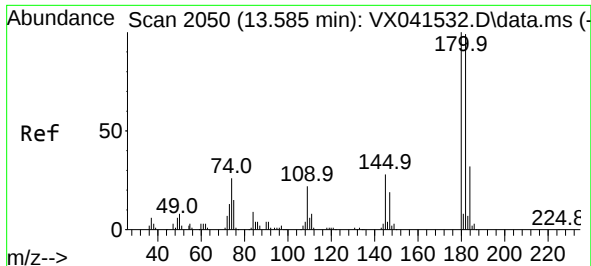


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 21.557 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VX041778.D
 Acq: 07 Jun 2024 09:55



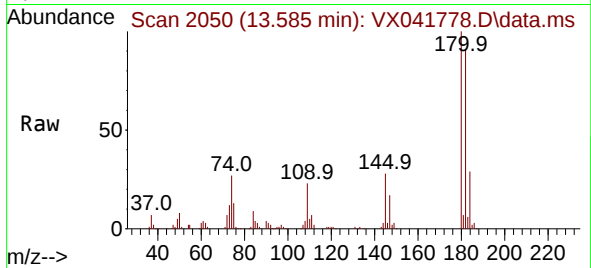
Tgt Ion: 75 Resp: 12491
 Ion Ratio Lower Upper
 75 100
 155 96.7 80.4 120.6
 157 129.6 102.2 153.2





#89
1,2,4-Trichlorobenzene
Concen: 20.266 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

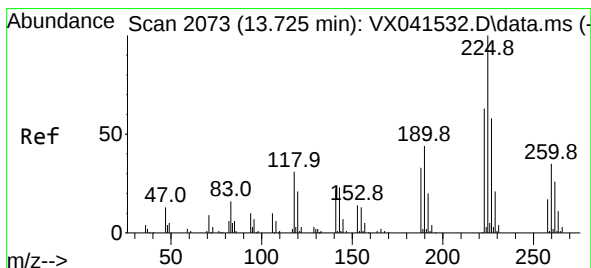
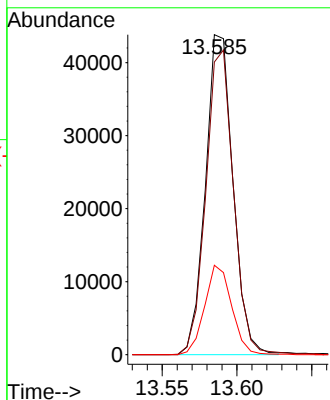
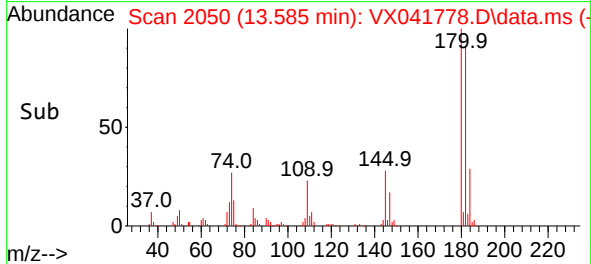
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:180 Resp: 5625
Ion Ratio Lower Upper
180 100
182 95.4 77.0 115.4
145 27.3 22.7 34.1

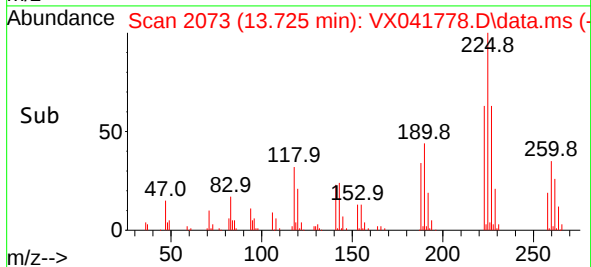
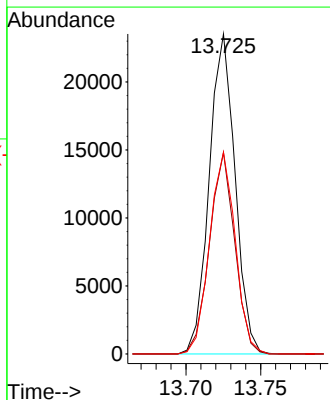
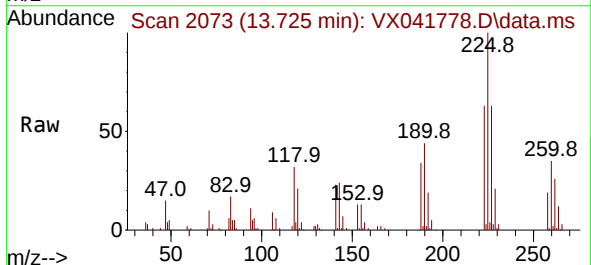
Manual Integrations
APPROVED

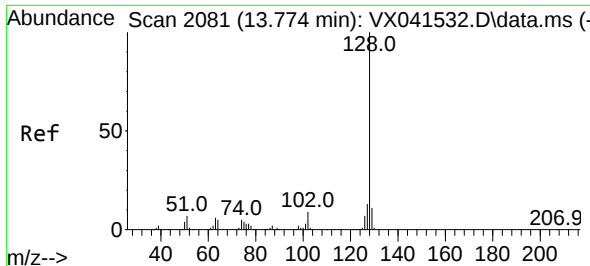
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#90
Hexachlorobutadiene
Concen: 20.886 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

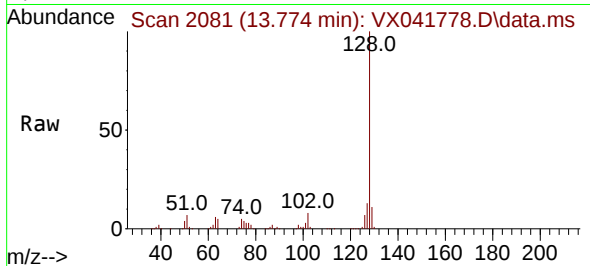
Tgt Ion:225 Resp: 28283
Ion Ratio Lower Upper
225 100
223 61.6 0.0 125.8
227 62.9 0.0 125.6





#91
Naphthalene
Concen: 21.011 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

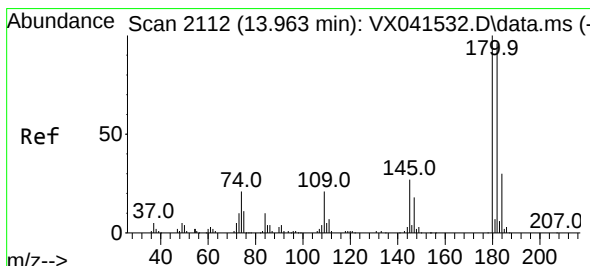
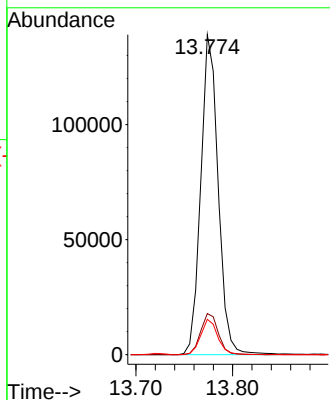
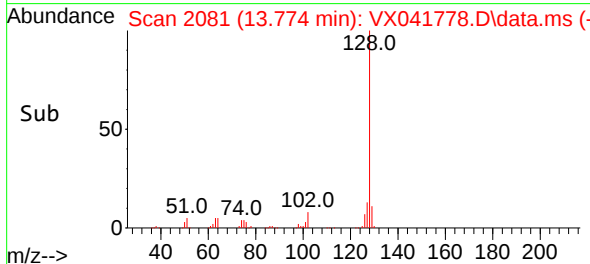
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 174308
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#92
1,2,3-Trichlorobenzene
Concen: 20.889 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041778.D
Acq: 07 Jun 2024 09:55

Tgt Ion:180 Resp: 59239
Ion Ratio Lower Upper
180 100
182 94.4 0.0 191.0
145 29.1 0.0 58.6

