

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042624\
 Data File : VX041266.D
 Acq On : 26 Apr 2024 17:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2024
 Supervised By : Mahesh Dadoda 04/29/2024

Quant Time: Apr 27 02:22:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	92723	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	146572	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68239	77.311	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 154.620%#			
35) Dibromofluoromethane	5.385	113	55405	62.142	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 124.280%#			
50) Toluene-d8	8.647	98	144303	47.972	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.940%			
62) 4-Bromofluorobenzene	11.079	95	55316	49.821	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.640%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	25518	34.795	ug/l	98
3) Chloromethane	1.295	50	40276	50.725	ug/l	98
4) Vinyl Chloride	1.374	62	35302	44.460	ug/l	98
5) Bromomethane	1.599	94	43658	97.653	ug/l	97
6) Chloroethane	1.666	64	22760	75.450	ug/l	92
7) Trichlorofluoromethane	1.862	101	65600	53.319	ug/l	97
8) Diethyl Ether	2.136	74	39128	86.420	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	31680	43.764	ug/l #	87
10) Methyl Iodide	2.447	142	43920	50.313	ug/l	92
11) Tert butyl alcohol	3.032	59	79224	501.014	ug/l #	94
12) 1,1-Dichloroethene	2.307	96	34739	51.408	ug/l	89
13) Acrolein	2.240	56	72638	409.491	ug/l	99
14) Allyl chloride	2.660	41	74628	67.983	ug/l	98
15) Acrylonitrile	3.075	53	185848	459.946	ug/l	99
16) Acetone	2.392	43	157226	489.370	ug/l	99
17) Carbon Disulfide	2.502	76	64698	45.833	ug/l	99
18) Methyl Acetate	2.709	43	87037	91.579	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	199216	82.467	ug/l	98
20) Methylene Chloride	2.788	84	57777	73.633	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	39968	53.522	ug/l	87
22) Diisopropyl ether	3.764	45	183143	77.164	ug/l	95
23) Vinyl Acetate	3.721	43	899488	442.997	ug/l	96
24) 1,1-Dichloroethane	3.605	63	88887	66.996	ug/l	95
25) 2-Butanone	4.568	43	255263	465.225	ug/l	96
26) 2,2-Dichloropropane	4.471	77	54300	48.425	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	59368	64.141	ug/l	87
28) Bromochloromethane	4.898	49	39460	78.374	ug/l #	79
29) Tetrahydrofuran	5.007	42	170888	457.168	ug/l	95
30) Chloroform	5.093	83	100231	70.385	ug/l	100
31) Cyclohexane	5.465	56	44910	37.805	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	69790	54.670	ug/l	98
36) 1,1-Dichloropropene	5.690	75	43998	38.568	ug/l	95
37) Ethyl Acetate	4.721	43	103006	82.298	ug/l	100
38) Carbon Tetrachloride	5.672	117	54229	42.560	ug/l	98
39) Methylcyclohexane	7.379	83	48482	32.041	ug/l	93
40) Benzene	6.038	78	180556	51.248	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	55242	84.779	ug/l	95
42) 1,2-Dichloroethane	6.092	62	84786	69.406	ug/l	95
43) Isopropyl Acetate	6.342	43	157661	78.197	ug/l	98
44) Trichloroethene	7.123	130	44327	43.275	ug/l	80
45) 1,2-Dichloropropane	7.428	63	50474	59.750	ug/l	97
46) Dibromomethane	7.580	93	42865	68.050	ug/l #	77
47) Bromodichloromethane	7.824	83	76426	65.823	ug/l	96
48) Methyl methacrylate	7.696	41	75860	79.548	ug/l	94
49) 1,4-Dioxane	7.671	88	36781	1791.925	ug/l #	76
51) 4-Methyl-2-Pentanone	8.574	43	531986	421.539	ug/l	98
52) Toluene	8.714	92	106648	48.039	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	74086	65.051	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	77748	60.051	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	60344	69.661	ug/l	97
56) Ethyl methacrylate	9.116	69	98963	74.729	ug/l	97
57) 1,3-Dichloropropane	9.305	76	95613	66.677	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	220357	341.884	ug/l	92
59) 2-Hexanone	9.433	43	418918	432.875	ug/l	98
60) Dibromochloromethane	9.519	129	68543	68.544	ug/l	99
61) 1,2-Dibromoethane	9.610	107	64318	69.203	ug/l	99
64) Tetrachloroethene	9.269	164	38994	39.210	ug/l	91
65) Chlorobenzene	10.080	112	127811	47.893	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	53217	58.219	ug/l	97
67) Ethyl Benzene	10.195	91	183467	43.079	ug/l	96
68) m/p-Xylenes	10.299	106	147786	85.961	ug/l	93
69) o-Xylene	10.640	106	78964	47.224	ug/l	93
70) Styrene	10.653	104	136557	50.199	ug/l	96
71) Bromoform	10.799	173	58106	74.352	ug/l #	98
73) Isopropylbenzene	10.964	105	182627	43.446	ug/l	96
74) N-amyl acetate	10.842	43	133263	80.666	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	99695	75.206	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	82201m	75.518	ug/l	
77) Bromobenzene	11.195	156	65483	53.532	ug/l	76
78) n-propylbenzene	11.305	91	196831	43.366	ug/l	97
79) 2-Chlorotoluene	11.366	91	130353	45.384	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	157068	44.914	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	27406	71.035	ug/l	98
82) 4-Chlorotoluene	11.451	91	147931	45.449	ug/l	93
83) tert-Butylbenzene	11.713	119	172815	46.147	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	162625	46.853	ug/l	94
85) sec-Butylbenzene	11.890	105	184238	42.603	ug/l	94
86) p-Isopropyltoluene	12.006	119	167212	43.876	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	104209	47.425	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	105788	46.922	ug/l	95
89) n-Butylbenzene	12.329	91	124263	42.945	ug/l	97
90) Hexachloroethane	12.536	117	27805	44.230	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	117262	53.280	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24235	87.128	ug/l	59
93) 1,2,4-Trichlorobenzene	13.585	180	77292	50.652	ug/l	95
94) Hexachlorobutadiene	13.725	225	31833	40.831	ug/l	98
95) Naphthalene	13.774	128	303859	69.305	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	86201	53.630	ug/l	95

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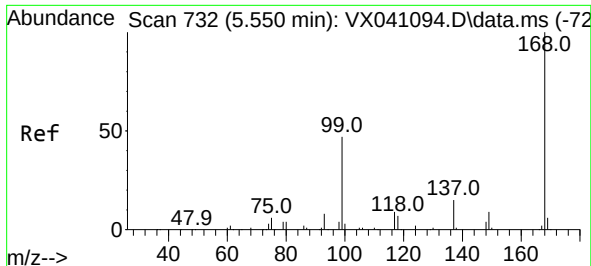
Manual Integrations
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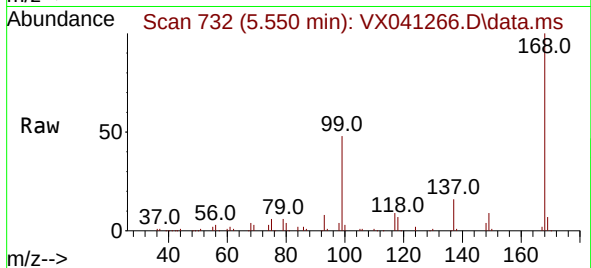
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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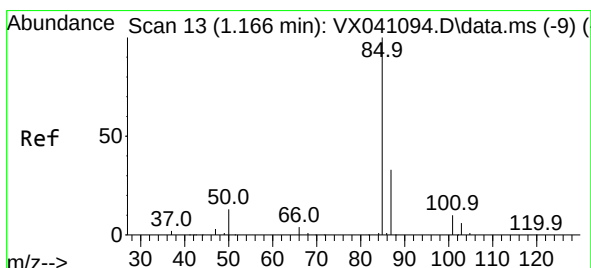
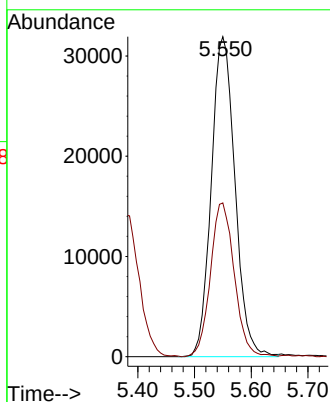
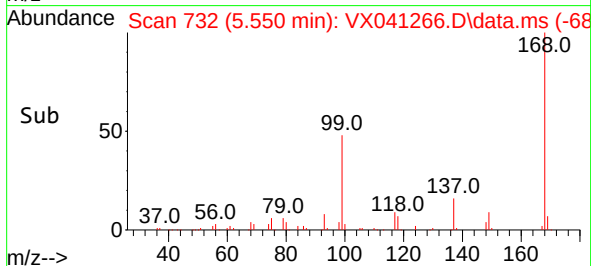
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 92723
Ion Ratio Lower Upper
168 100
99 47.8 56.6 85.0

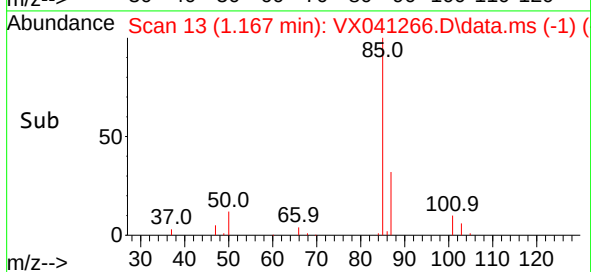
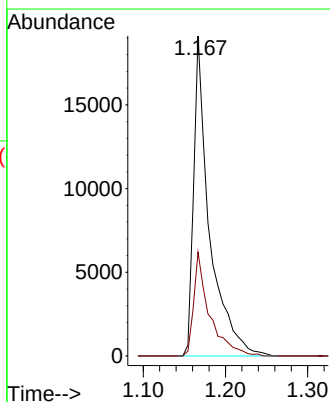
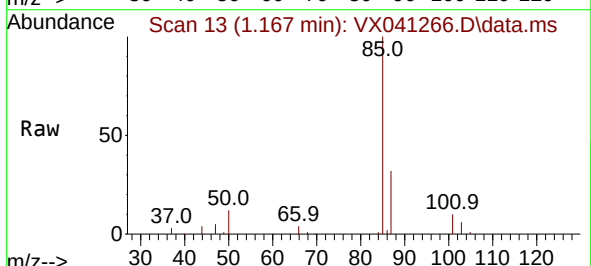
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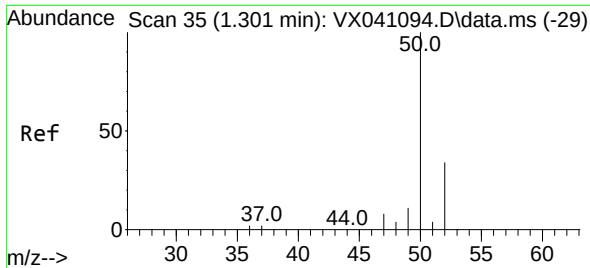
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#2
Dichlorodifluoromethane
Concen: 34.795 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

Tgt Ion: 85 Resp: 25518
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.1





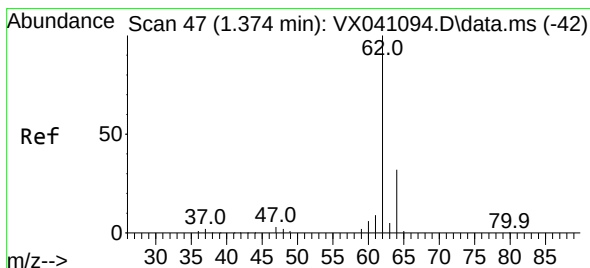
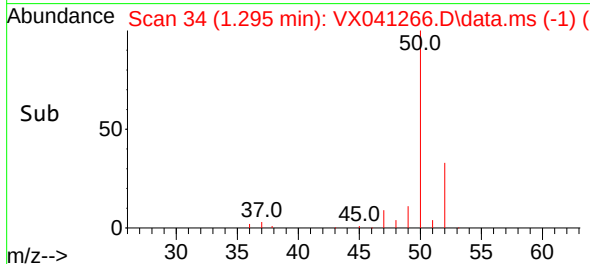
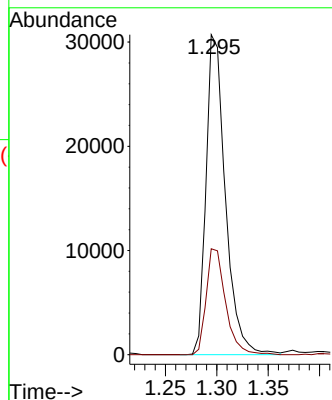
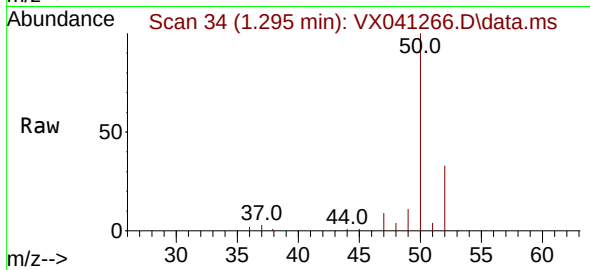
#3
Chloromethane
Concen: 50.725 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041266.D
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Tgt Ion: 50 Resp: 40270
Ion Ratio Lower Upper
50 100
52 33.1 25.5 38.3

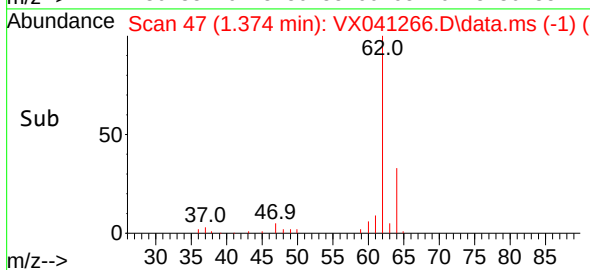
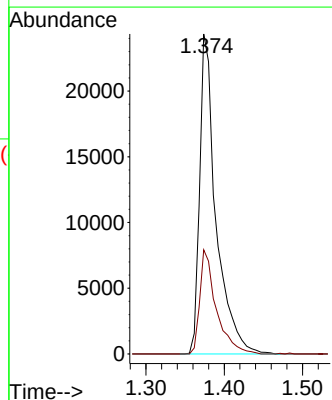
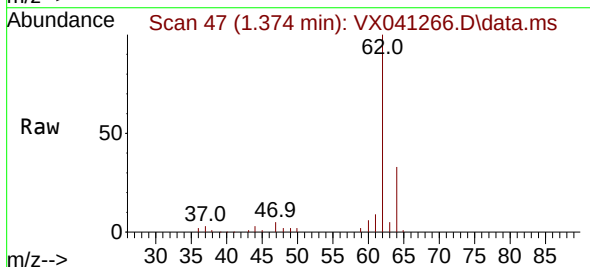
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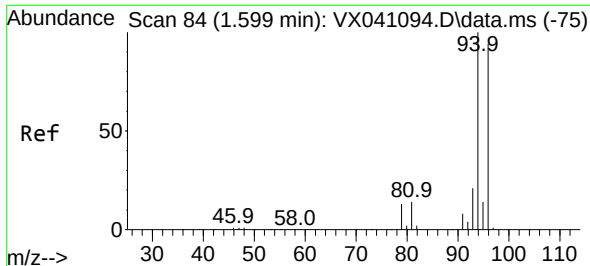
Reviewed By :John Carlone 04/29/2024
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#4
Vinyl Chloride
Concen: 44.460 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

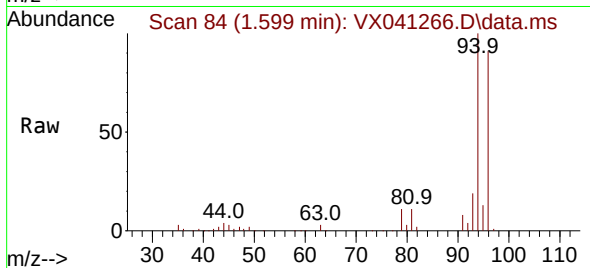
Tgt Ion: 62 Resp: 35302
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0





#5
Bromomethane
Concen: 97.653 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

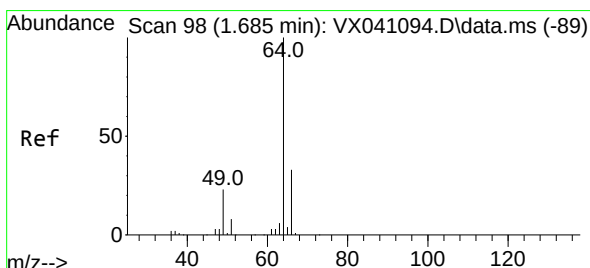
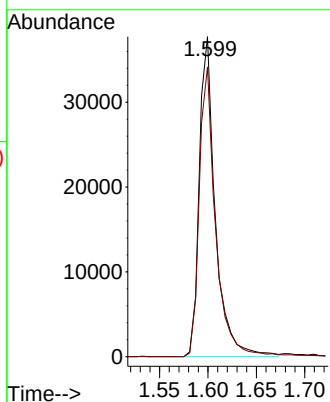
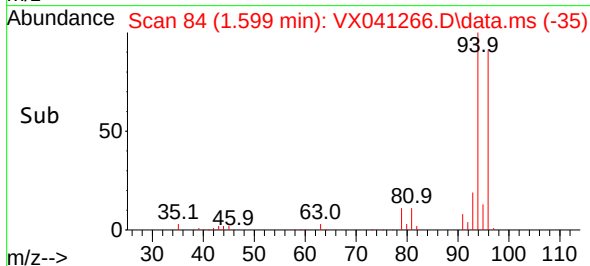
Instrument :
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Tgt Ion: 94 Resp: 43658
Ion Ratio Lower Upper
94 100
96 90.6 74.6 111.8

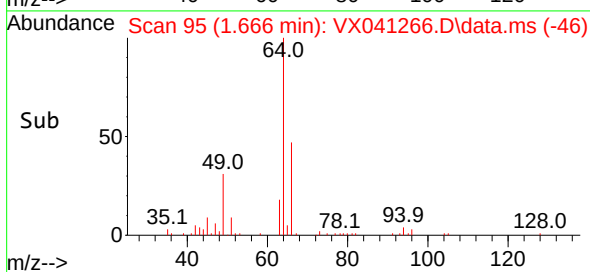
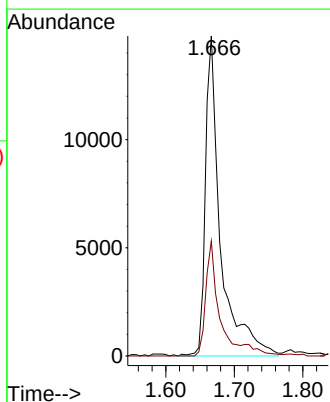
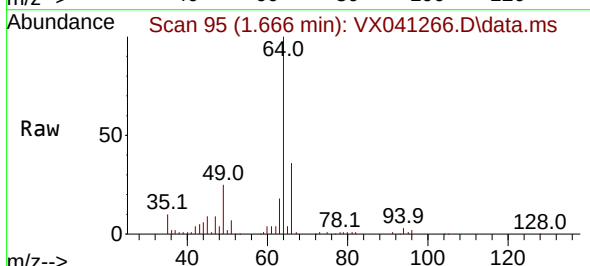
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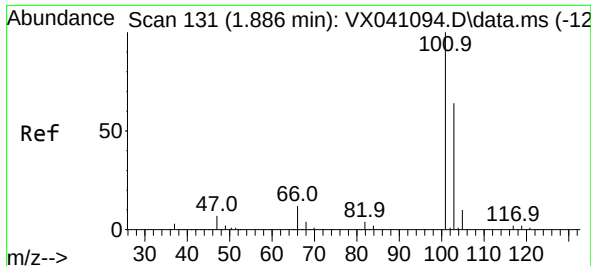
Reviewed By :John Carlone 04/29/2024
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#6
Chloroethane
Concen: 75.450 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041266.D
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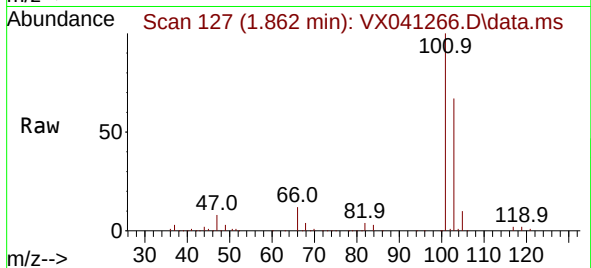
Tgt Ion: 64 Resp: 22760
Ion Ratio Lower Upper
64 100
66 35.9 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 53.319 ug/l
 RT: 1.862 min Scan# 11
 Delta R.T. 0.000 min
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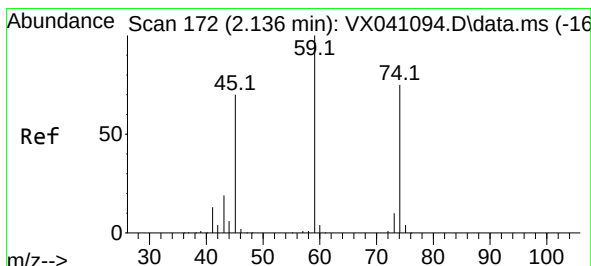
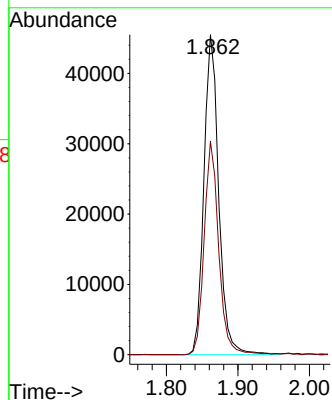
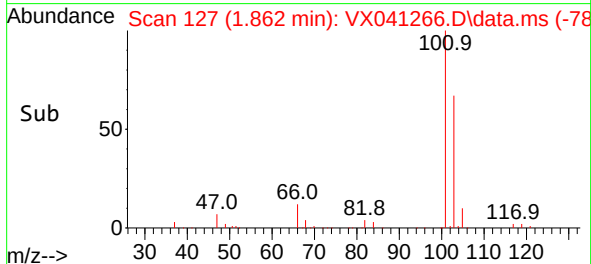
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Tgt Ion:101 Resp: 65600
 Ion Ratio Lower Upper
 101 100
 103 66.7 51.4 77.2

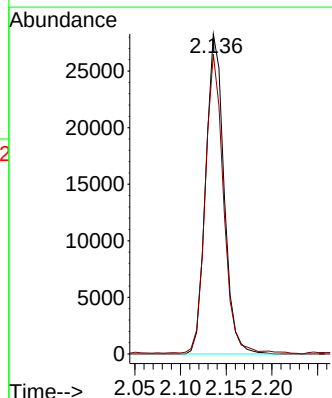
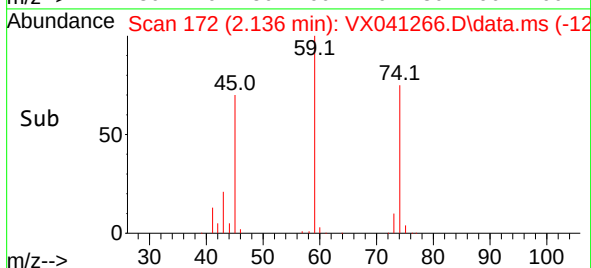
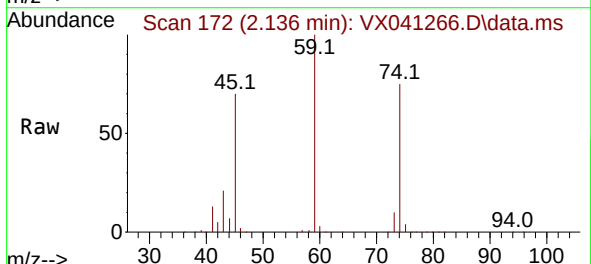
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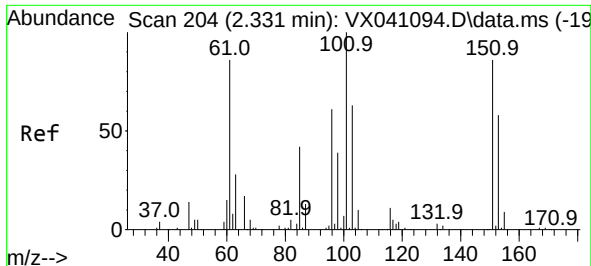
Reviewed By :John Carlone 04/29/2024
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#8
 Diethyl Ether
 Concen: 86.420 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
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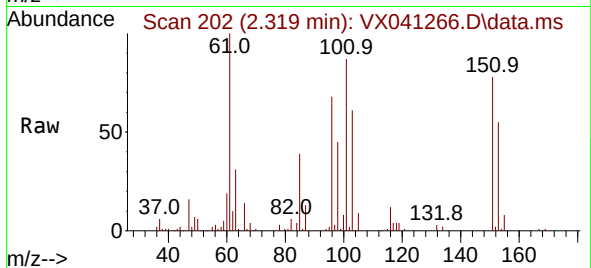
Tgt Ion: 74 Resp: 39128
 Ion Ratio Lower Upper
 74 100
 45 95.4 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.764 ug/l
RT: 2.319 min Scan# 204
Delta R.T. 0.006 min
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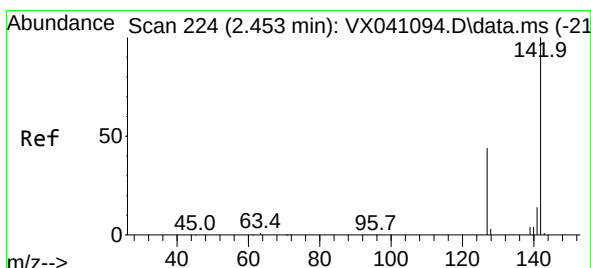
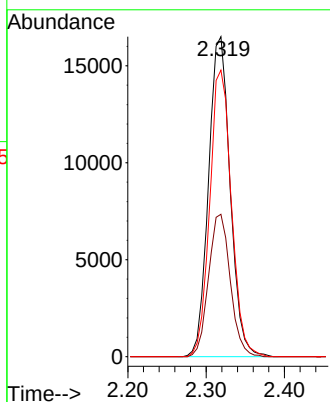
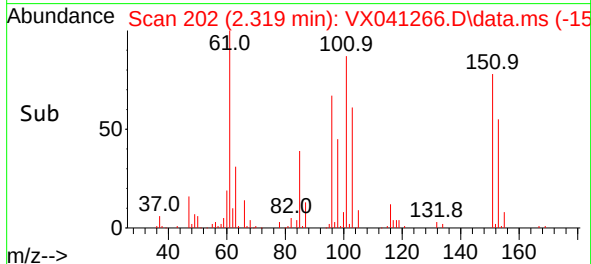
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ClientSampleId :
VSTDCCC050EC



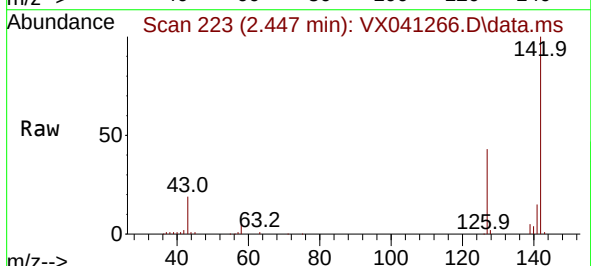
Tgt Ion:101 Resp: 31680
Ion Ratio Lower Upper
101 100
85 44.6 37.0 55.6
151 89.6 58.6 87.8

Manual Integrations
APPROVED

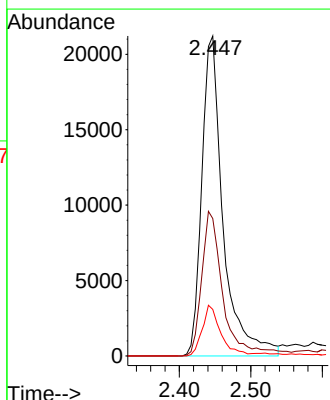
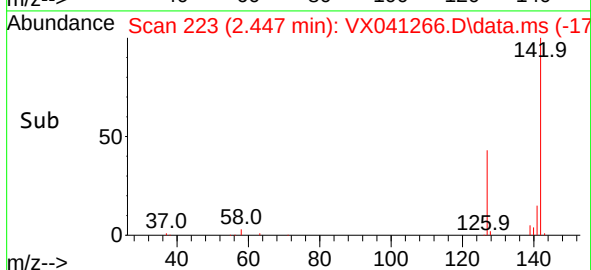
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

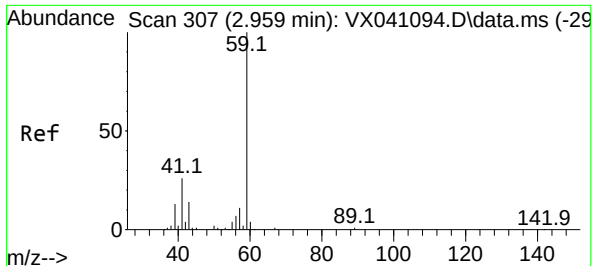


#10
Methyl Iodide
Concen: 50.313 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59



Tgt Ion:142 Resp: 43920
Ion Ratio Lower Upper
142 100
127 45.5 41.6 62.4
141 13.9 11.6 17.4





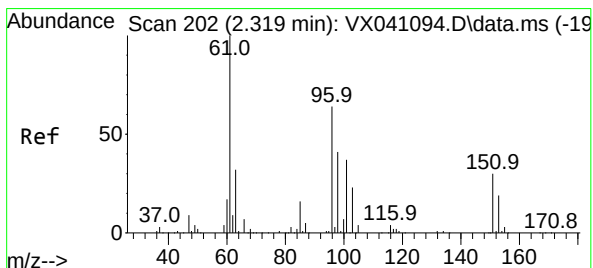
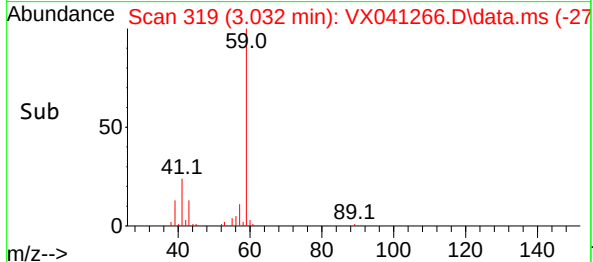
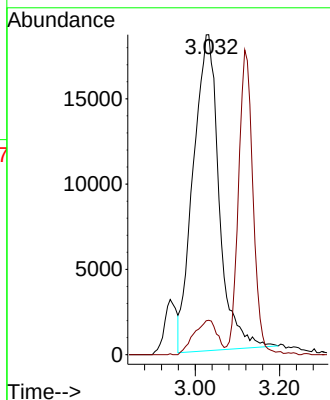
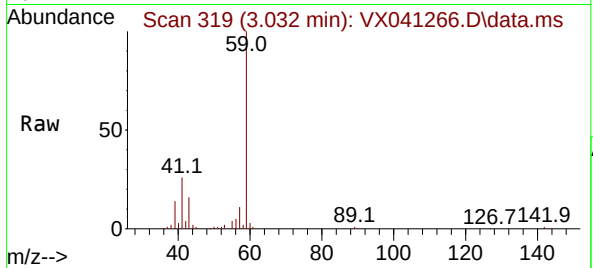
#11
Tert butyl alcohol
Concen: 501.014 ug/l
RT: 3.032 min Scan# 31
Delta R.T. -0.030 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 79224
Ion Ratio Lower Upper
59 100
57 9.7 6.0 9.0

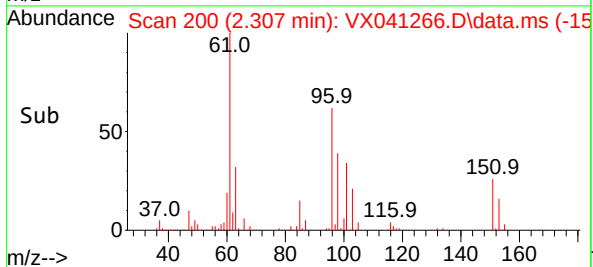
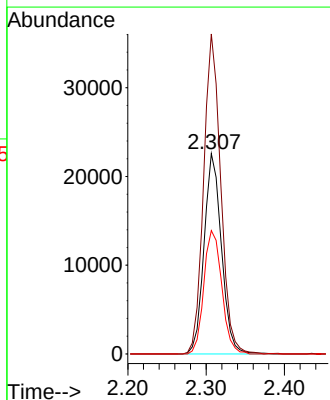
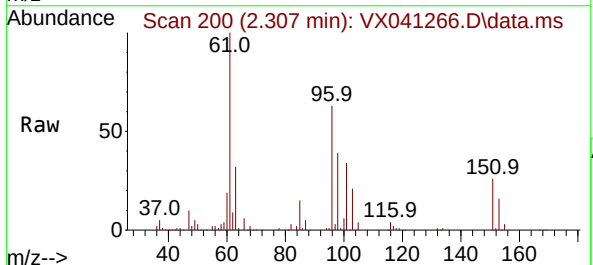
Manual Integrations
APPROVED

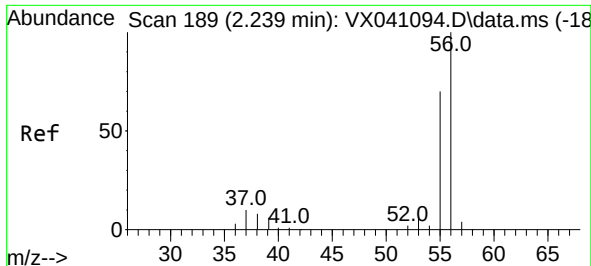
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#12
1,1-Dichloroethene
Concen: 51.408 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

Tgt Ion: 96 Resp: 34739
Ion Ratio Lower Upper
96 100
61 159.7 144.6 216.8
98 61.6 50.4 75.6





#13

Acrolein

Concen: 409.491 ug/l

RT: 2.240 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 72638

Ion Ratio Lower Upper

56 100

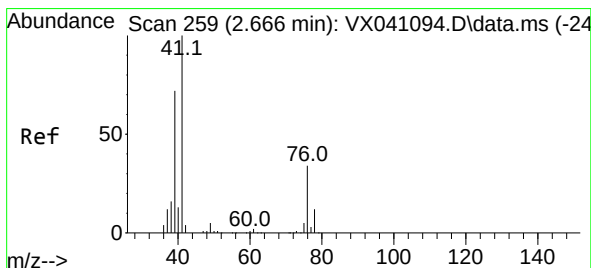
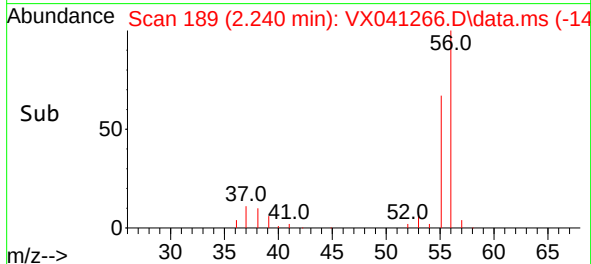
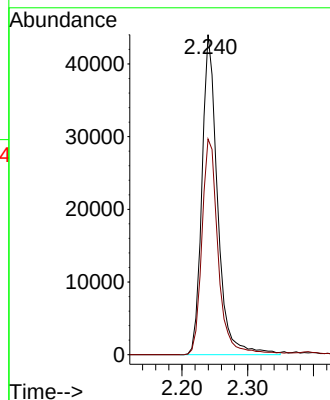
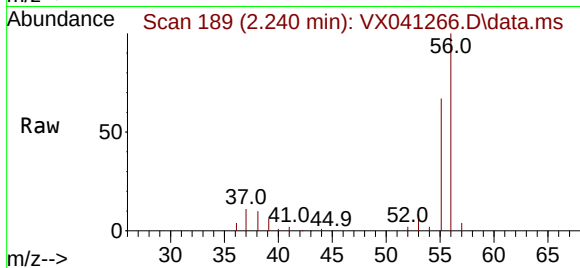
55 70.4 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#14

Allyl chloride

Concen: 67.983 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

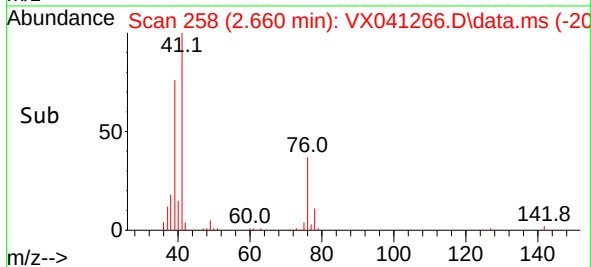
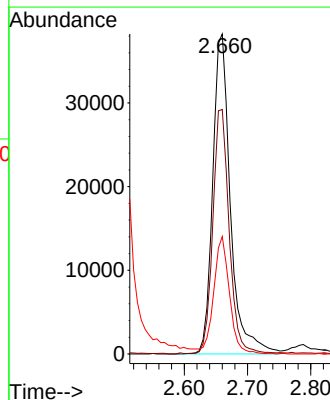
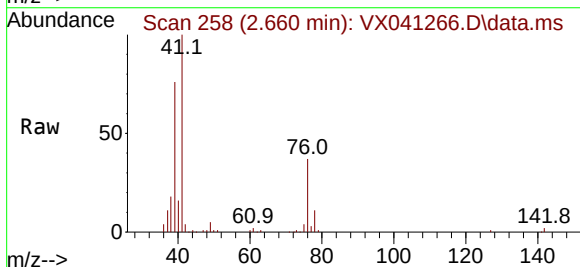
Tgt Ion: 41 Resp: 74628

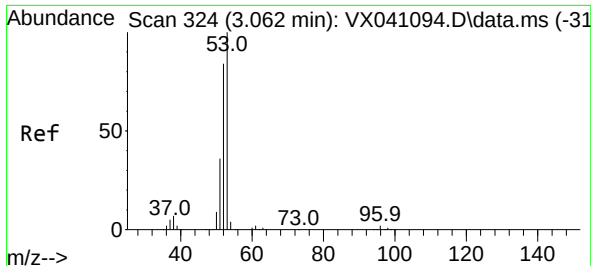
Ion Ratio Lower Upper

41 100

39 70.2 55.8 83.6

76 32.9 24.3 36.5





#15

Acrylonitrile

Concen: 459.946 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

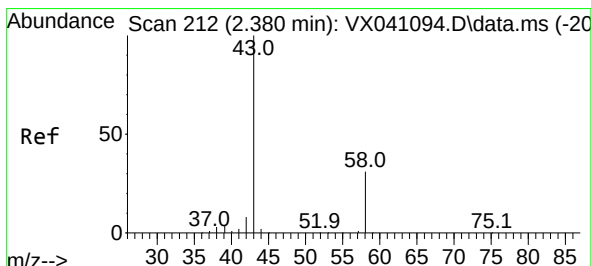
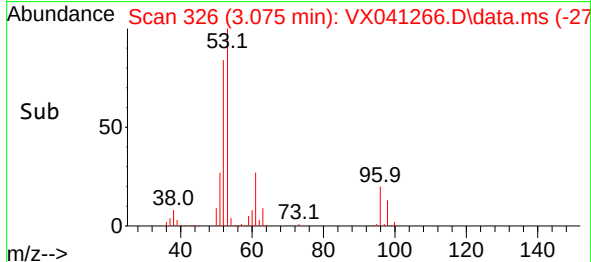
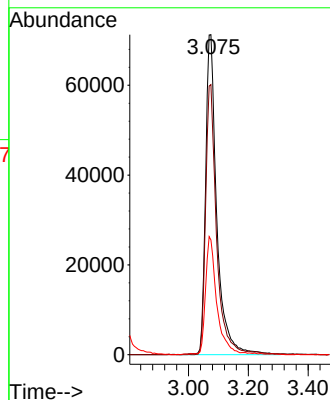
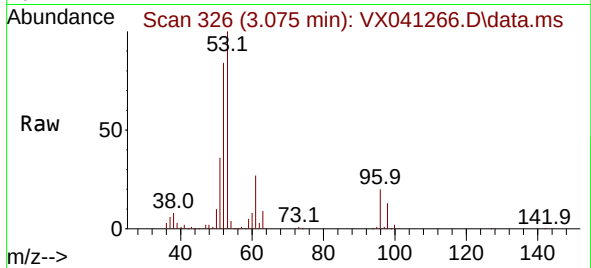
Tgt Ion: 53	Resp: 18584
Ion Ratio	Lower Upper
53	100
52	82.8 66.0 99.0
51	36.2 29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#16

Acetone

Concen: 489.370 ug/l

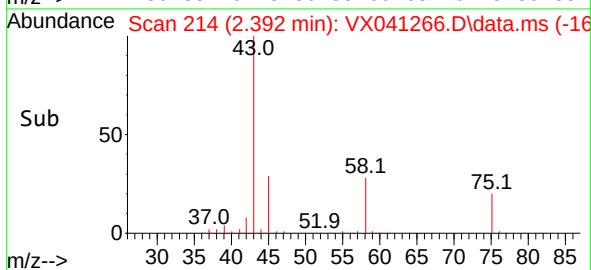
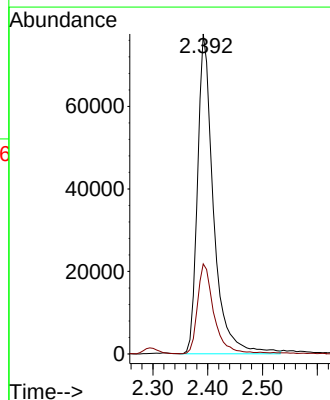
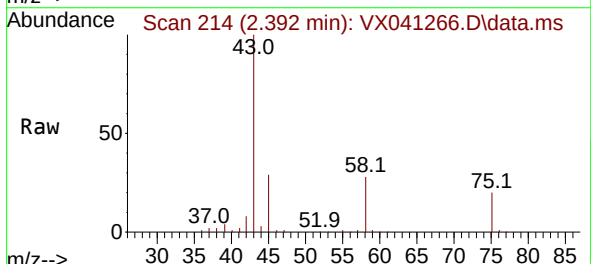
RT: 2.392 min Scan# 214

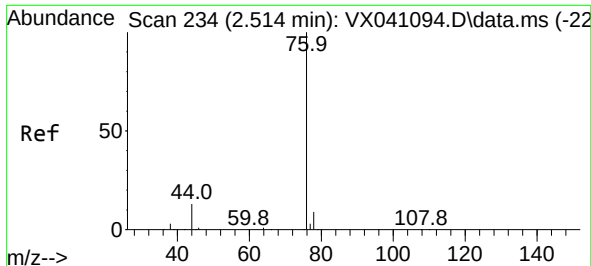
Delta R.T. -0.006 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Tgt Ion: 43	Resp: 157226
Ion Ratio	Lower Upper
43	100
58	28.1 21.9 32.9





#17

Carbon Disulfide

Concen: 45.833 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 64698

Ion Ratio Lower Upper

76 100

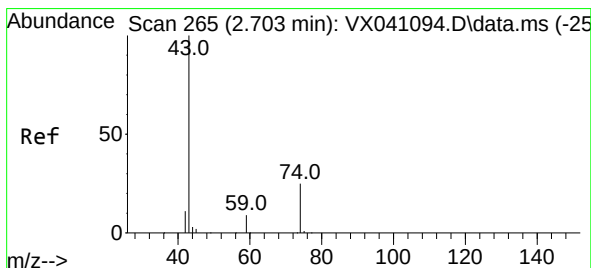
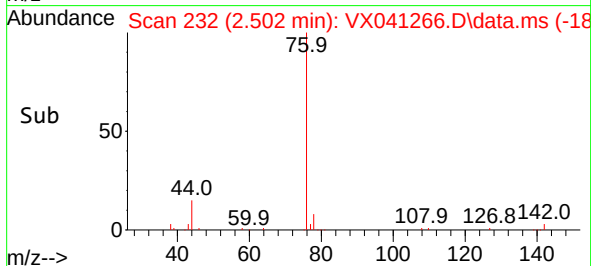
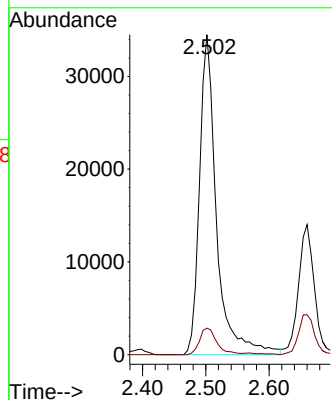
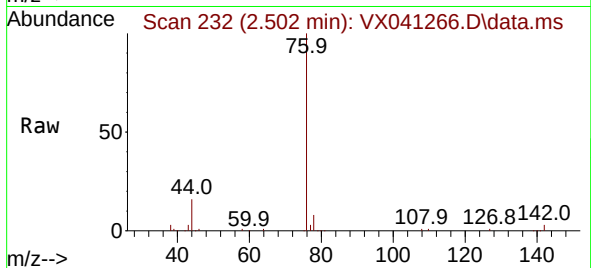
78 8.3 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#18

Methyl Acetate

Concen: 91.579 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX041266.D

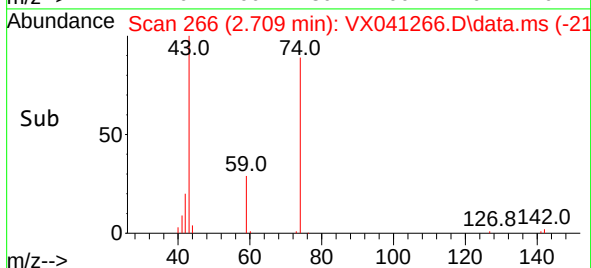
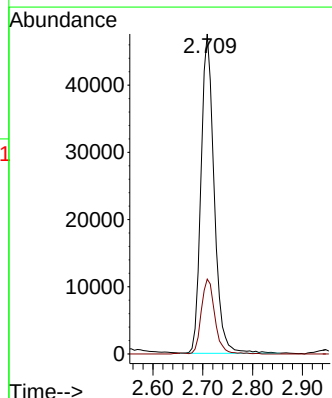
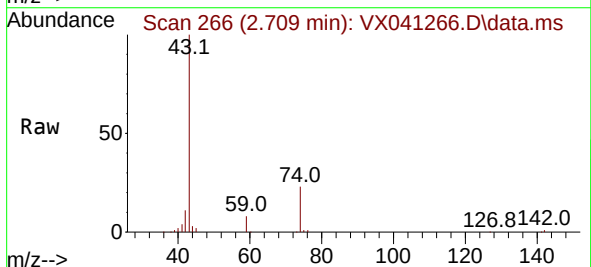
Acq: 26 Apr 2024 17:59

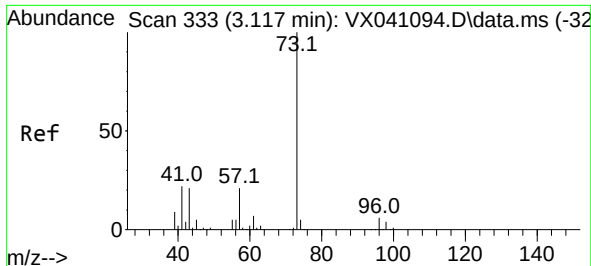
Tgt Ion: 43 Resp: 87037

Ion Ratio Lower Upper

43 100

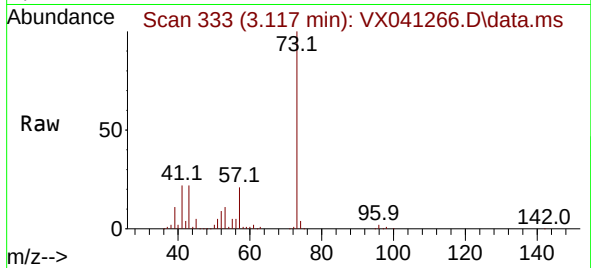
74 24.2 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 82.467 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

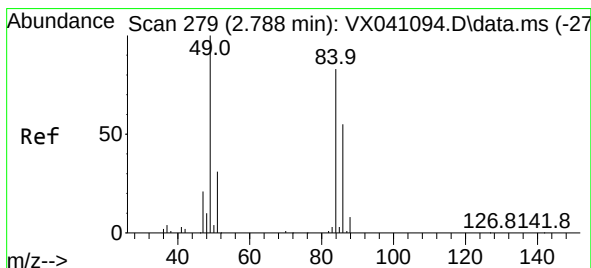
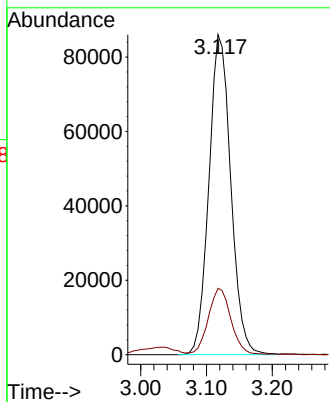
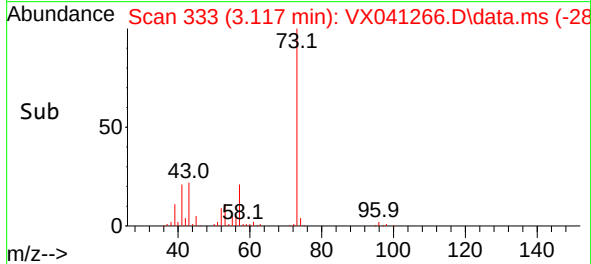
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 199210
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9

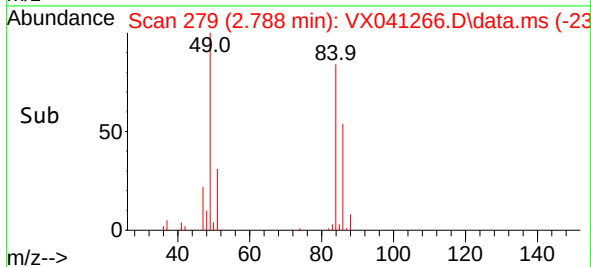
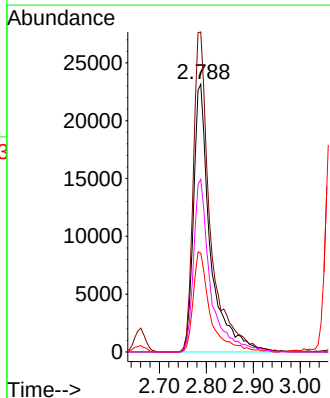
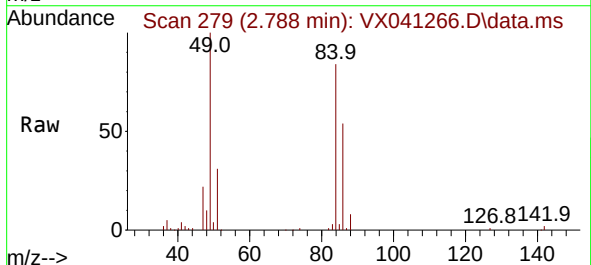
Manual Integrations
APPROVED

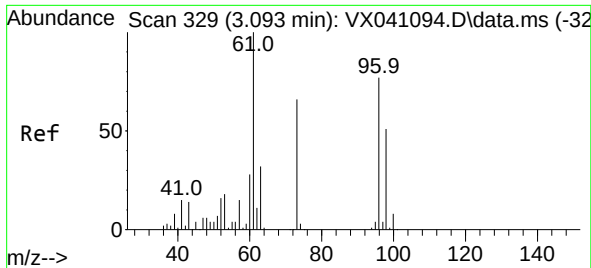
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#20
Methylene Chloride
Concen: 73.633 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

Tgt Ion: 84 Resp: 57777
Ion Ratio Lower Upper
84 100
49 119.5 103.6 155.4
51 36.9 33.8 50.6
86 64.4 49.4 74.0





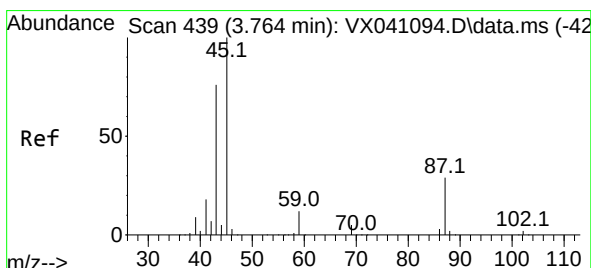
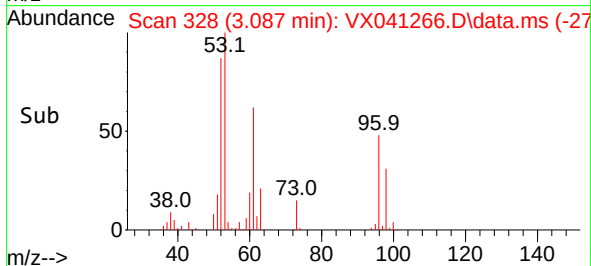
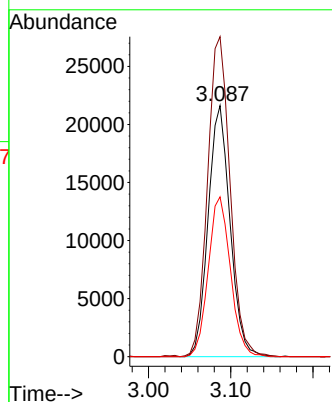
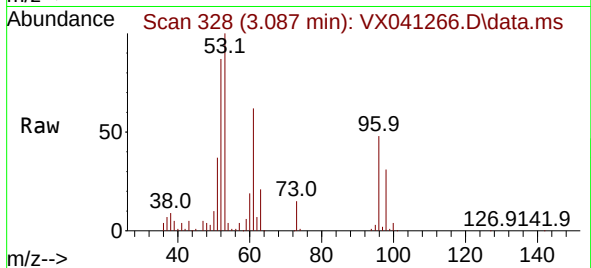
#21
trans-1,2-Dichloroethene
Concen: 53.522 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 3996
Ion Ratio Lower Upper
96 100
61 127.5 119.2 178.8
98 63.7 48.7 73.1

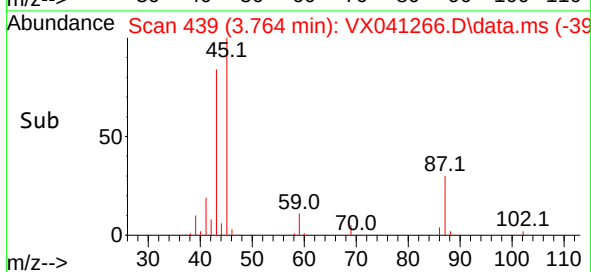
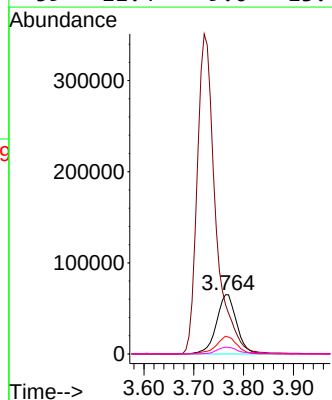
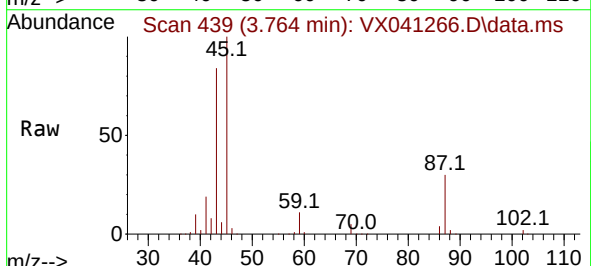
Manual Integrations
APPROVED

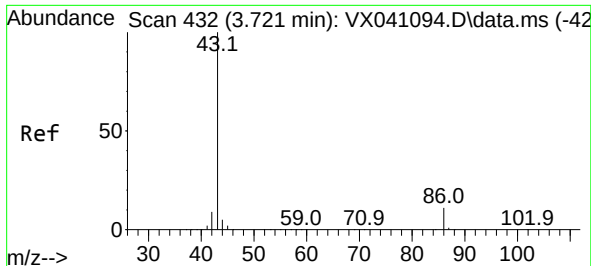
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#22
Diisopropyl ether
Concen: 77.164 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

Tgt Ion: 45 Resp: 183143
Ion Ratio Lower Upper
45 100
43 83.4 69.7 104.5
87 30.1 20.8 31.2
59 11.4 9.0 13.4





#23

Vinyl Acetate

Concen: 442.997 ug/l

RT: 3.721 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 89948

Ion Ratio Lower Upper

43 100

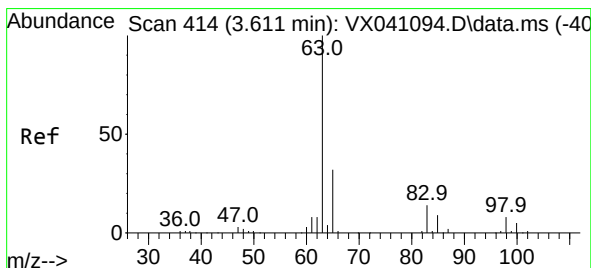
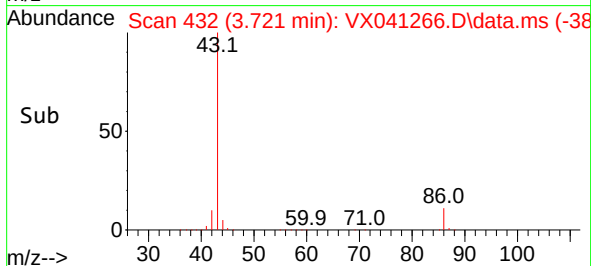
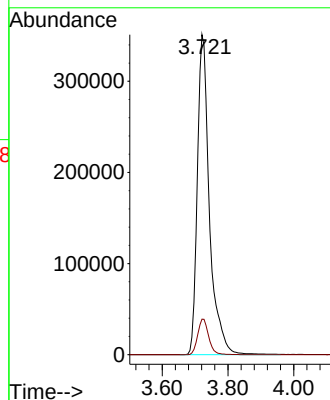
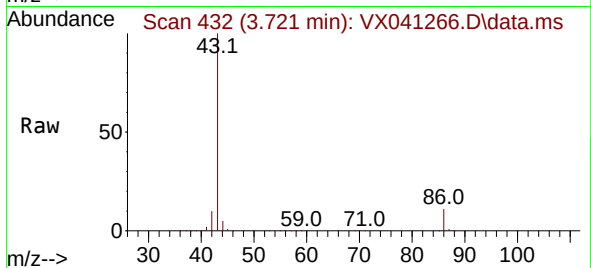
86 11.1 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#24

1,1-Dichloroethane

Concen: 66.996 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

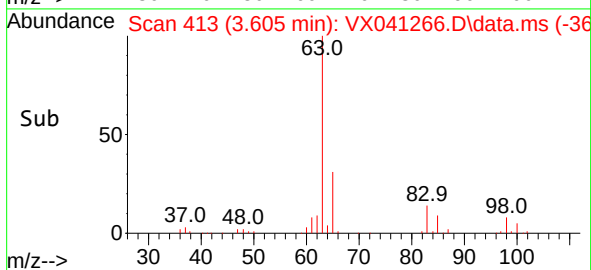
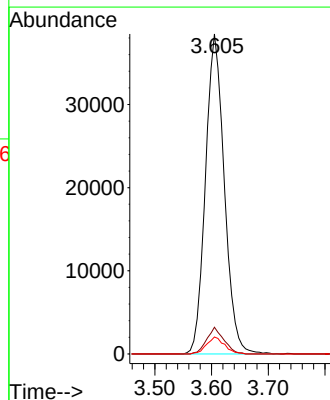
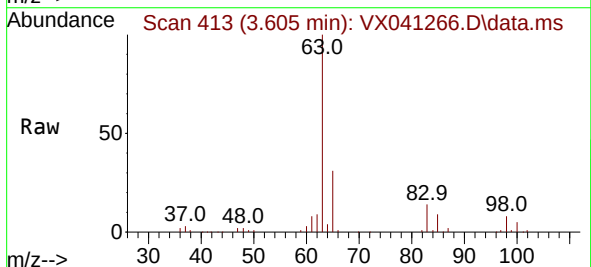
Tgt Ion: 63 Resp: 88887

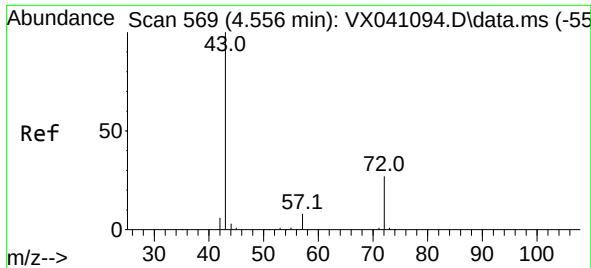
Ion Ratio Lower Upper

63 100

98 8.3 3.3 9.8

100 5.3 2.1 6.5





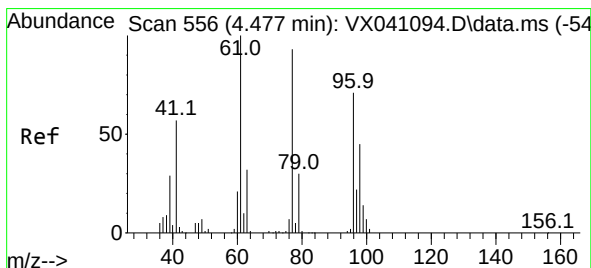
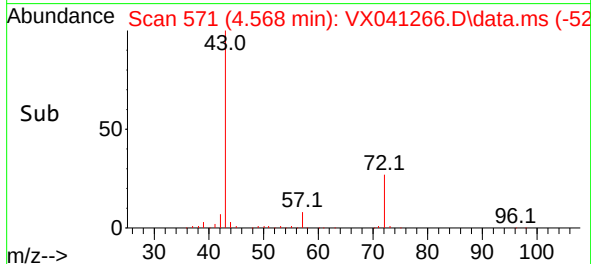
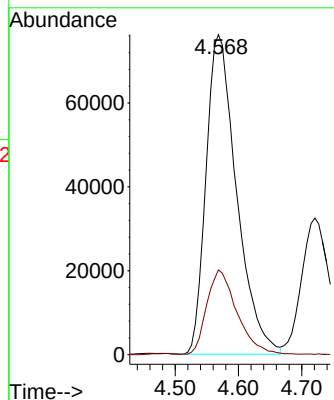
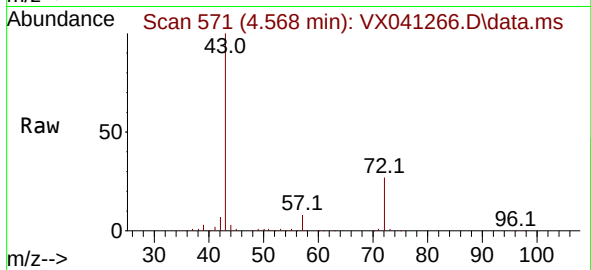
#25
2-Butanone
Concen: 465.225 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 25526
Ion Ratio Lower Upper
43 100
72 26.4 19.4 29.2

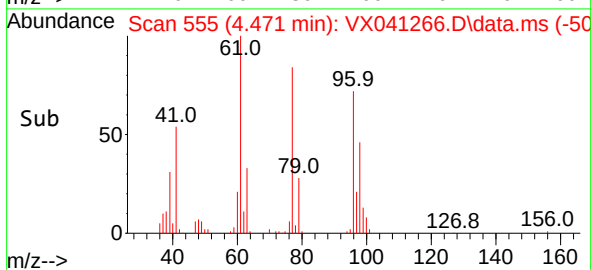
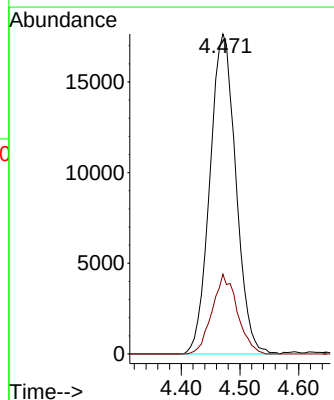
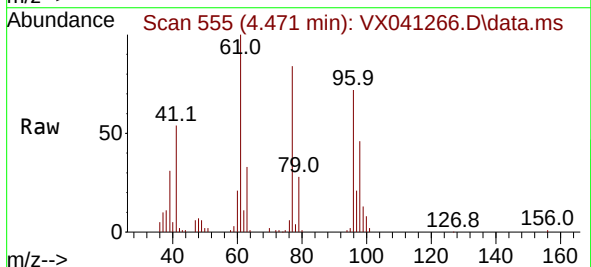
Manual Integrations
APPROVED

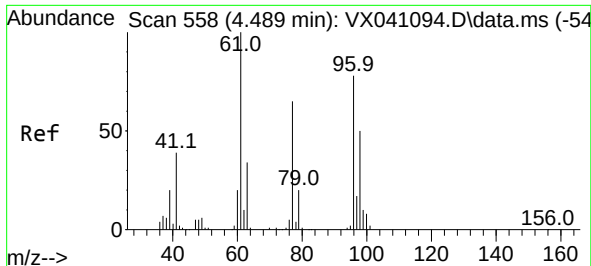
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#26
2,2-Dichloropropane
Concen: 48.425 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

Tgt Ion: 77 Resp: 54300
Ion Ratio Lower Upper
77 100
97 24.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 64.141 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

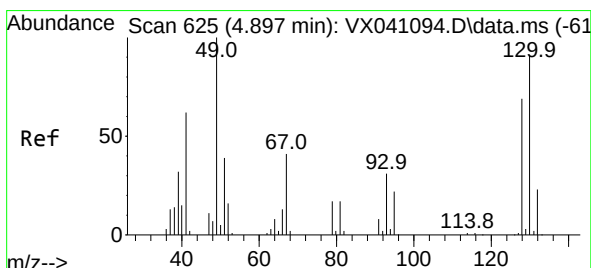
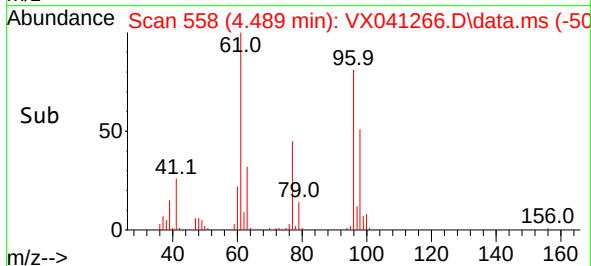
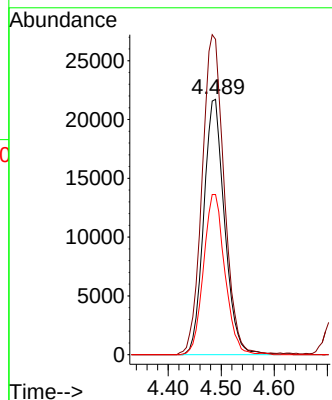
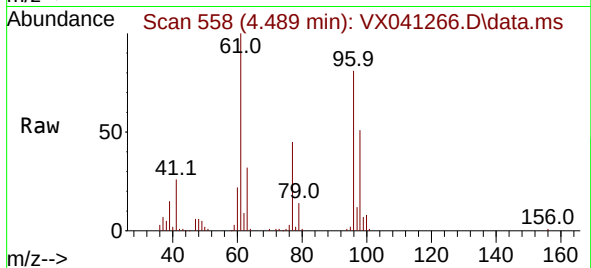
Tgt Ion: 96	Resp: 5936
Ion Ratio	Lower Upper
96 100	
61 132.6	0.0 312.2
98 64.0	0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#28

Bromochloromethane

Concen: 78.374 ug/l

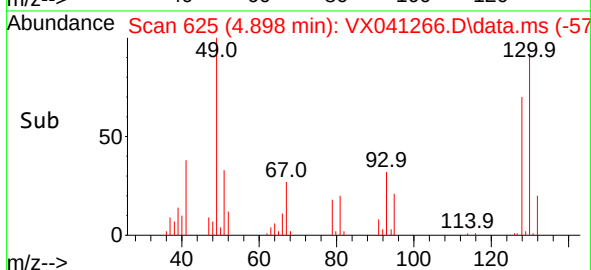
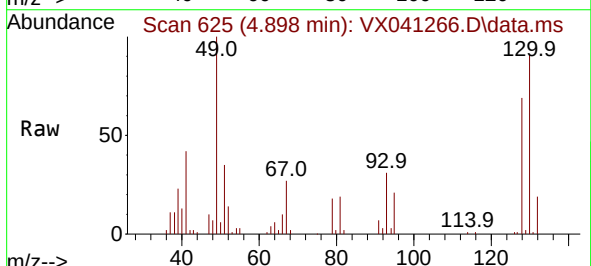
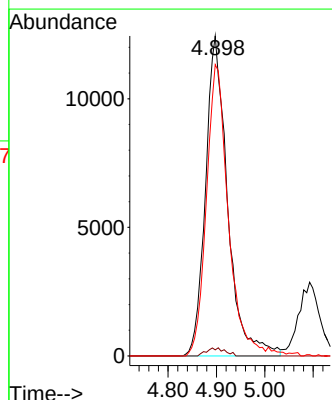
RT: 4.898 min Scan# 625

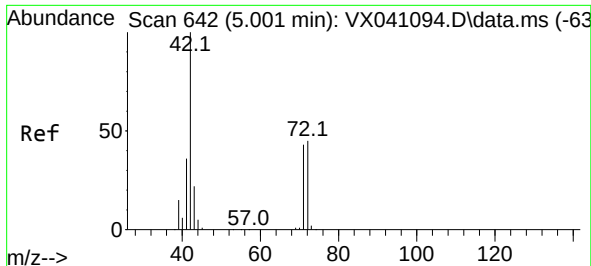
Delta R.T. -0.006 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Tgt Ion: 49	Resp: 39460
Ion Ratio	Lower Upper
49 100	
129 2.1	0.0 3.8
130 89.6	57.5 86.3





#29

Tetrahydrofuran

Concen: 457.168 ug/l

RT: 5.007 min Scan# 642

Delta R.T. -0.006 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 17088

Ion Ratio Lower Upper

42 100

72 46.5 34.2 51.4

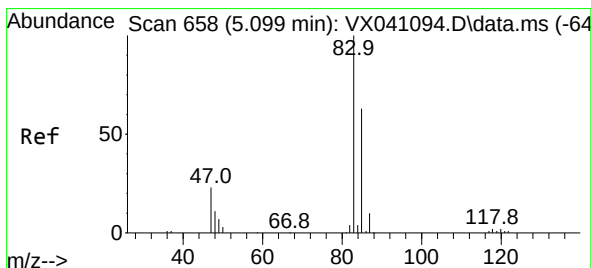
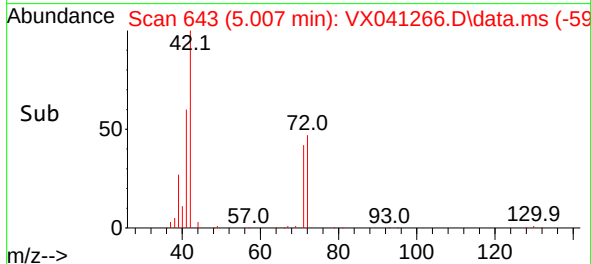
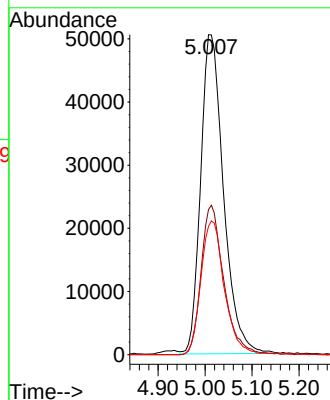
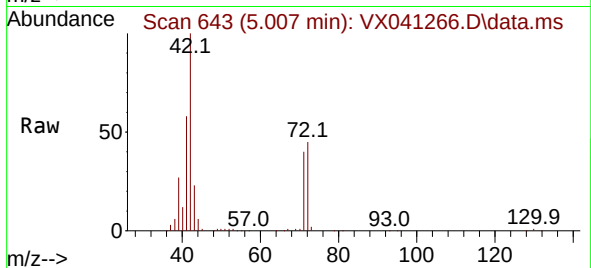
71 42.7 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#30

Chloroform

Concen: 70.385 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX041266.D

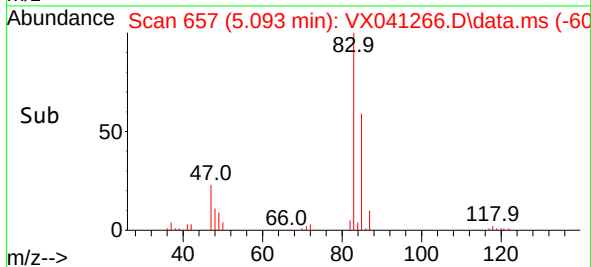
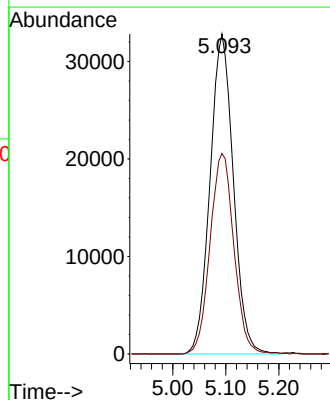
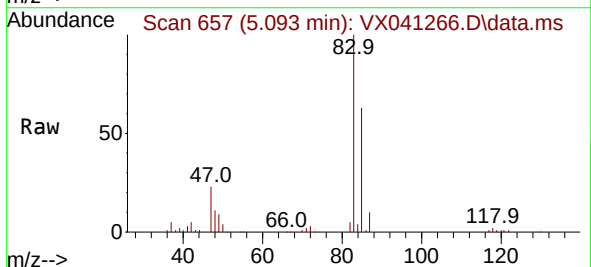
Acq: 26 Apr 2024 17:59

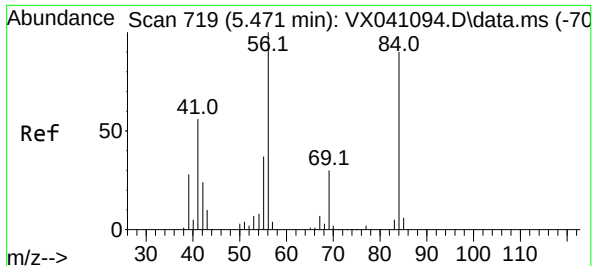
Tgt Ion: 83 Resp: 100231

Ion Ratio Lower Upper

83 100

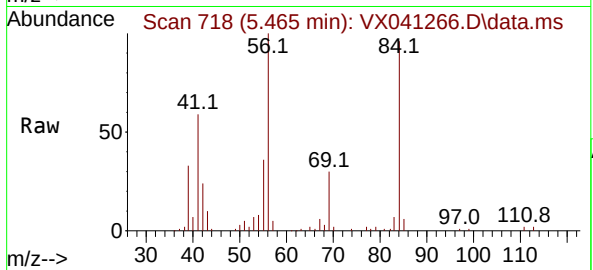
85 62.6 50.3 75.5





#31
Cyclohexane
Concen: 37.805 ug/l
RT: 5.465 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

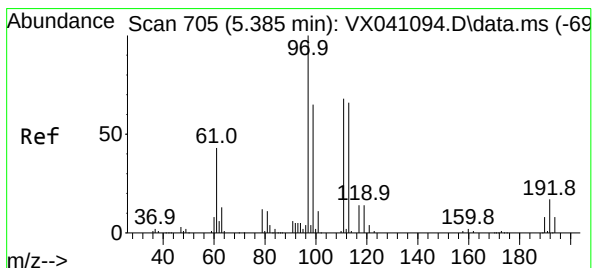
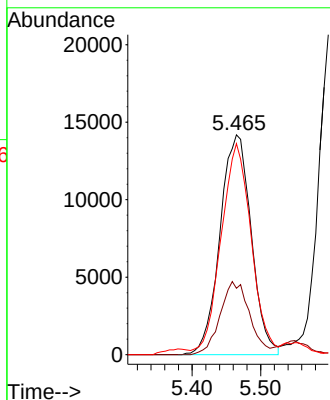
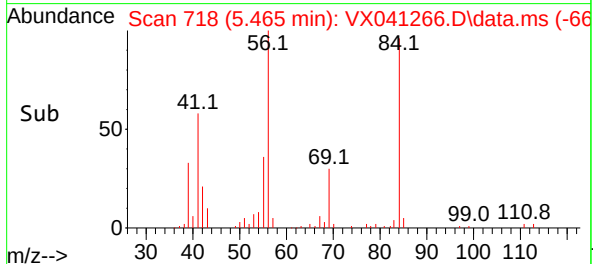
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 44910
Ion Ratio Lower Upper
56 100
69 30.2 23.4 35.2
84 93.4 65.9 98.9

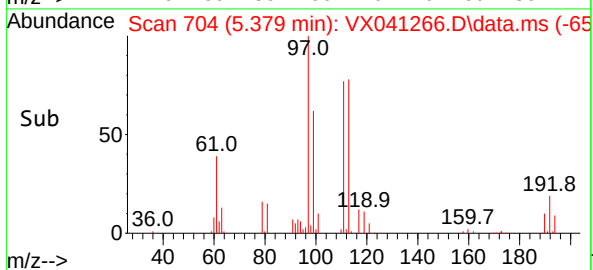
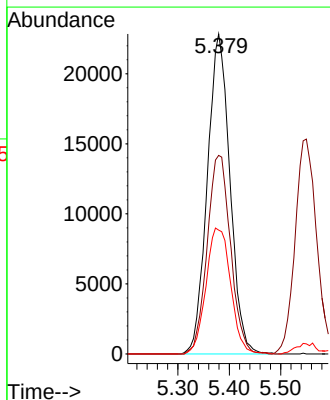
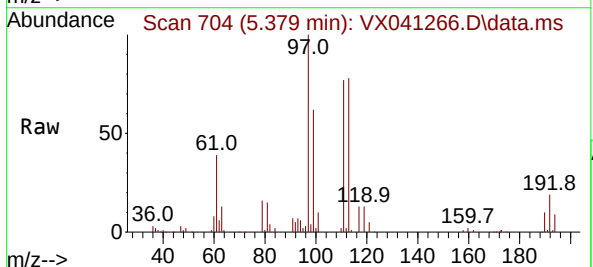
Manual Integrations
APPROVED

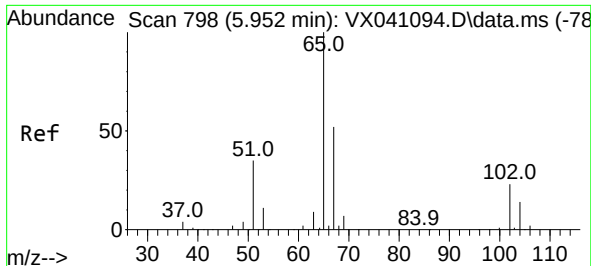
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#32
1,1,1-Trichloroethane
Concen: 54.670 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

Tgt Ion: 97 Resp: 69790
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 42.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 77.311 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 68239

Ion Ratio Lower Upper

65 100

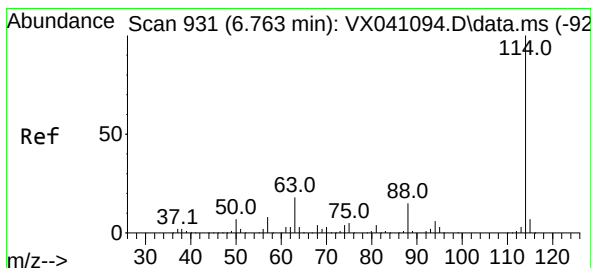
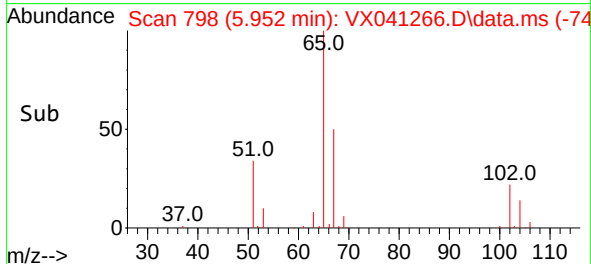
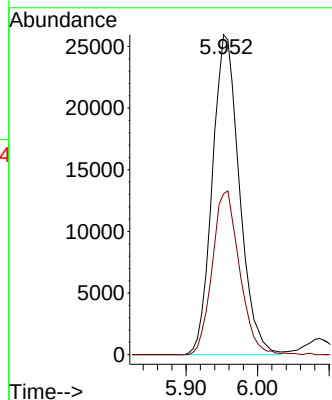
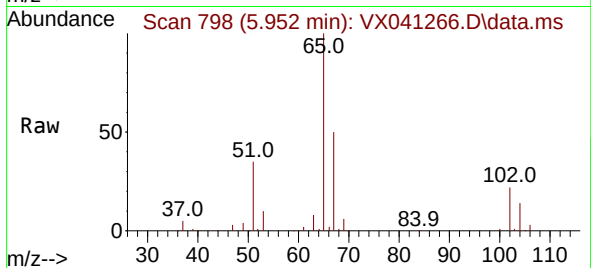
67 51.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

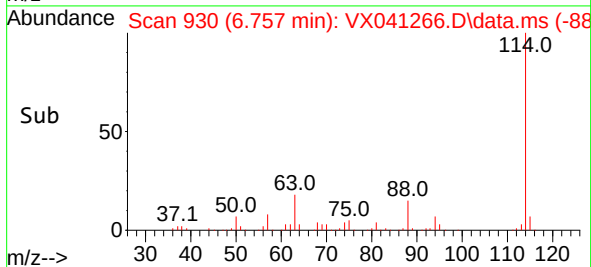
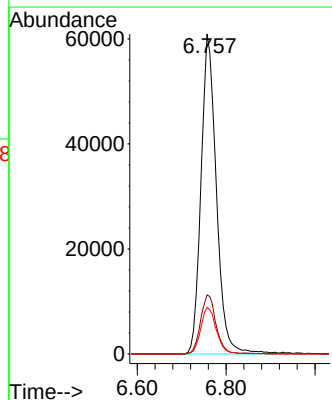
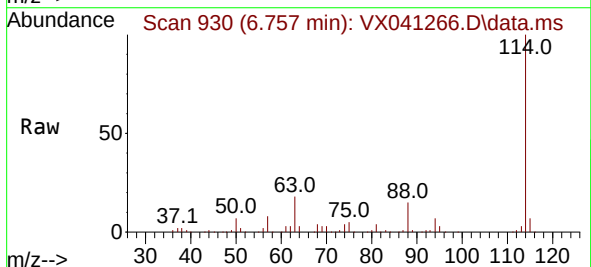
Tgt Ion:114 Resp: 146572

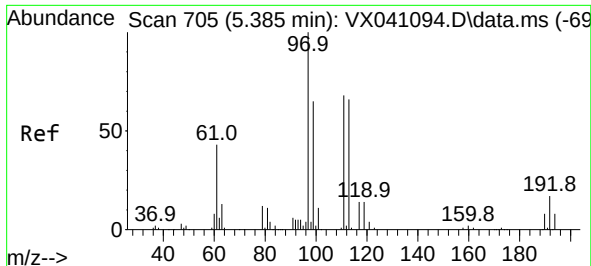
Ion Ratio Lower Upper

114 100

63 18.5 0.0 45.0

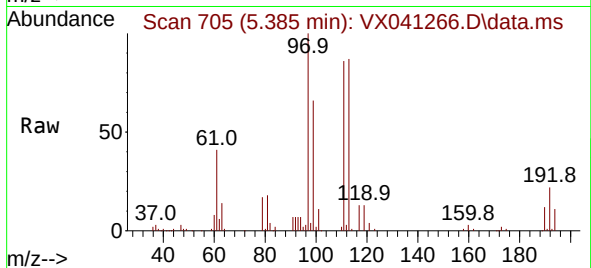
88 14.5 0.0 36.6





#35
Dibromofluoromethane
Concen: 62.142 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

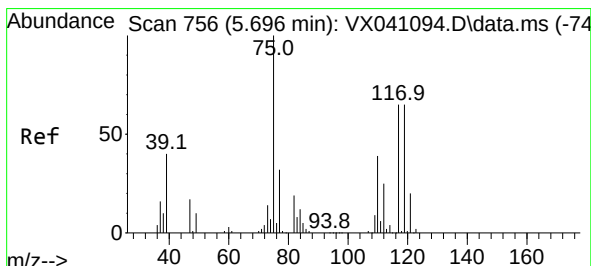
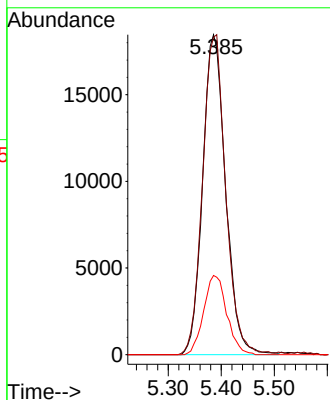
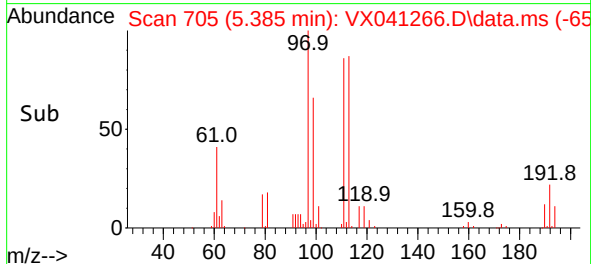
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 55409
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 24.9 13.3 19.9

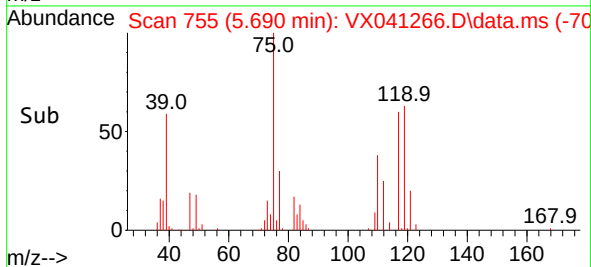
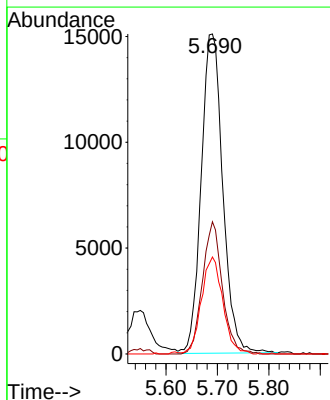
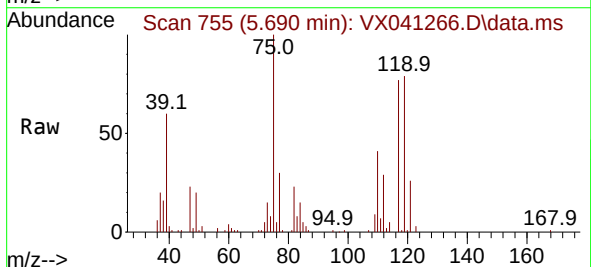
Manual Integrations
APPROVED

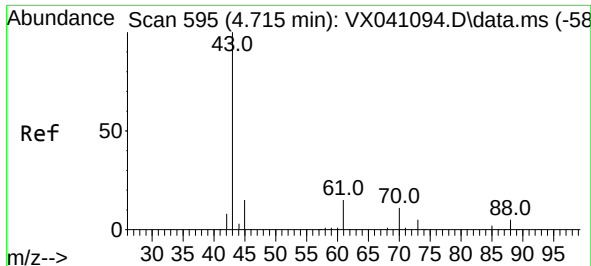
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#36
1,1-Dichloropropene
Concen: 38.568 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

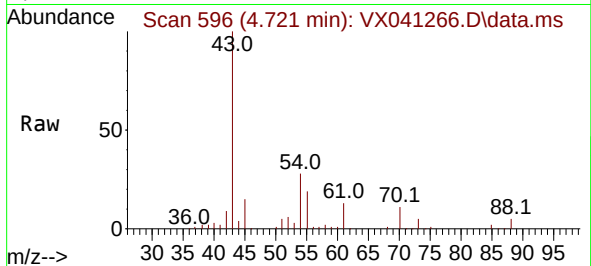
Tgt Ion: 75 Resp: 43998
Ion Ratio Lower Upper
75 100
110 38.1 17.0 50.9
77 30.0 24.7 37.1





#37
Ethyl Acetate
Concen: 82.298 ug/l
RT: 4.721 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

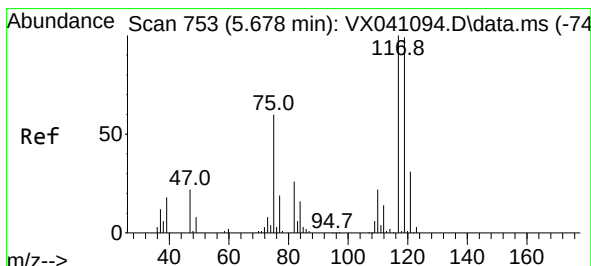
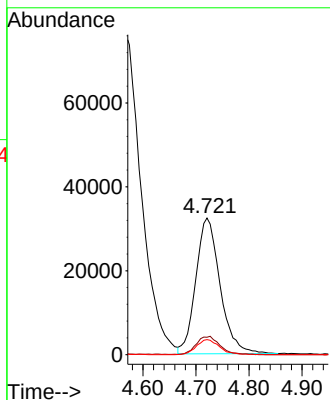
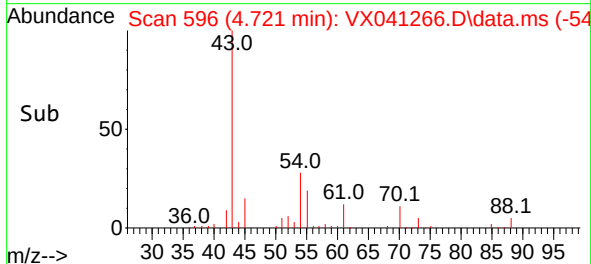
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 103000
Ion Ratio Lower Upper
43 100
61 13.3 10.6 16.0
70 10.6 8.3 12.5

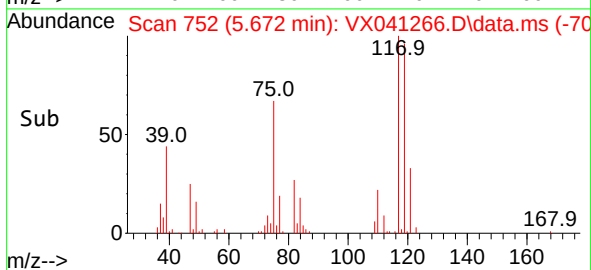
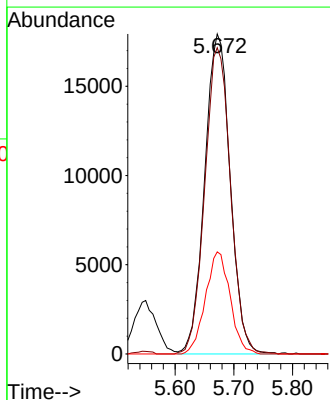
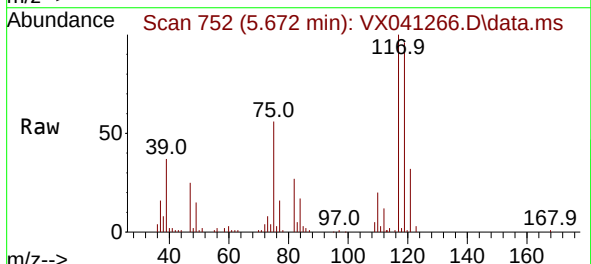
Manual Integrations
APPROVED

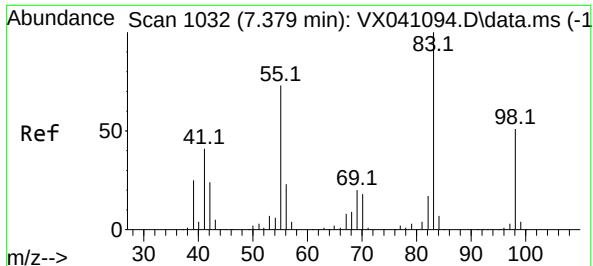
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#38
Carbon Tetrachloride
Concen: 42.560 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

Tgt Ion:117 Resp: 54229
Ion Ratio Lower Upper
117 100
119 95.7 78.2 117.2
121 31.9 24.4 36.6





#39

Methylcyclohexane

Concen: 32.041 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 4848

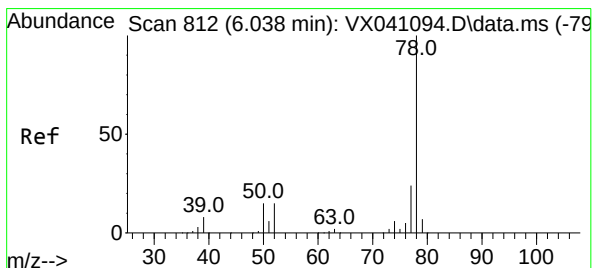
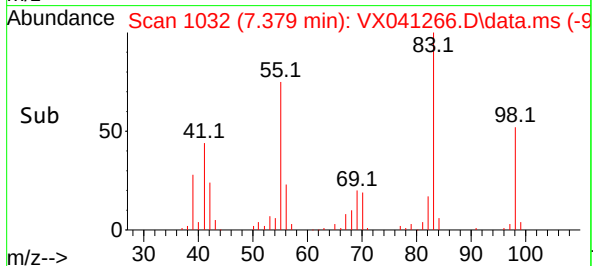
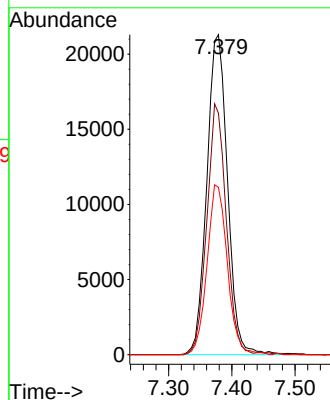
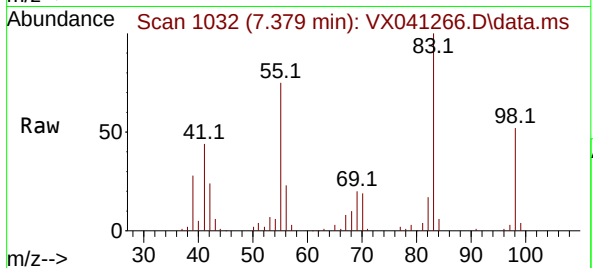
Ion	Ratio	Lower	Upper
83	100		
55	75.4	64.6	97.0
98	52.3	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#40

Benzene

Concen: 51.248 ug/l

RT: 6.038 min Scan# 812

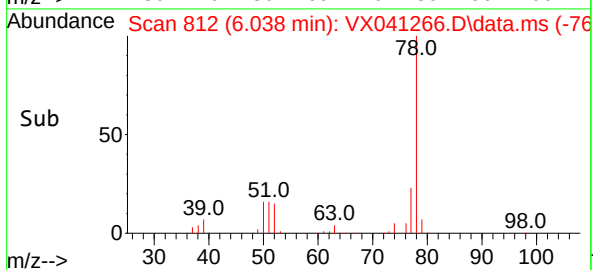
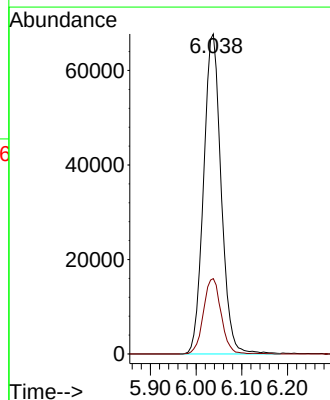
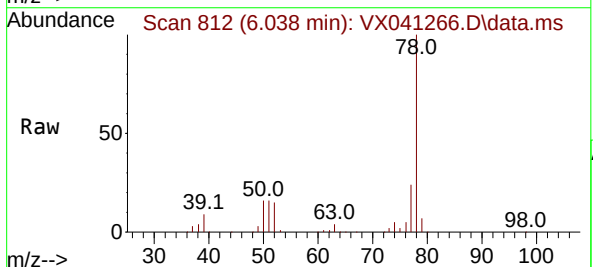
Delta R.T. 0.006 min

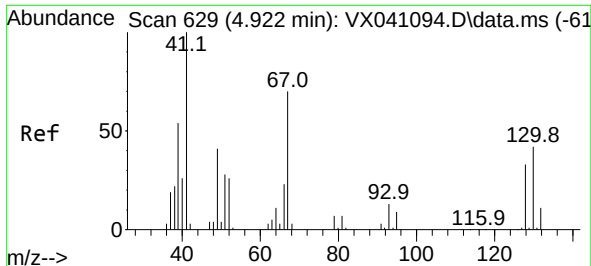
Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Tgt Ion: 78 Resp: 180556

Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.3	28.9





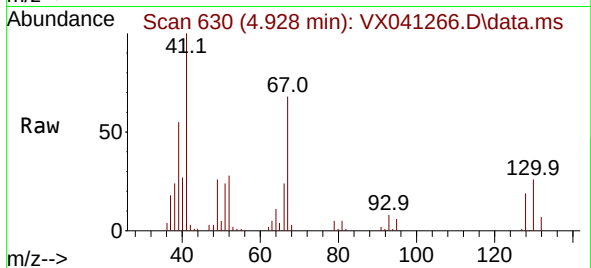
#41
Methacrylonitrile
Concen: 84.779 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



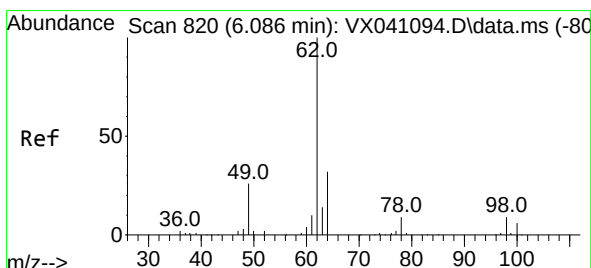
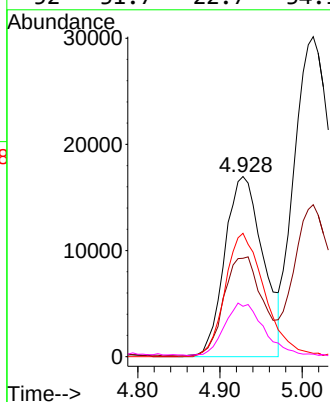
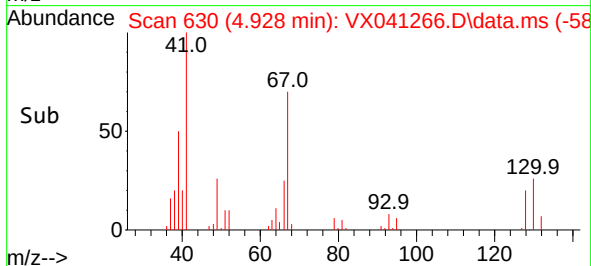
Tgt Ion: 41 Resp: 5524
Ion Ratio Lower Upper
41 100
39 53.8 45.2 67.8
67 70.9 52.6 78.8
52 31.7 22.7 34.1

Manual Integrations

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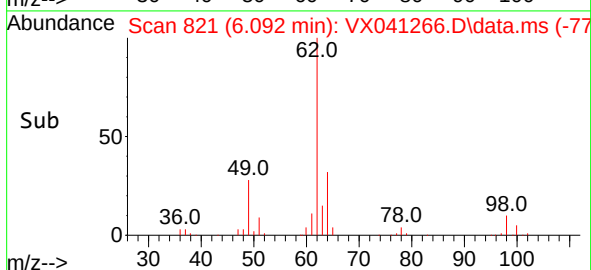
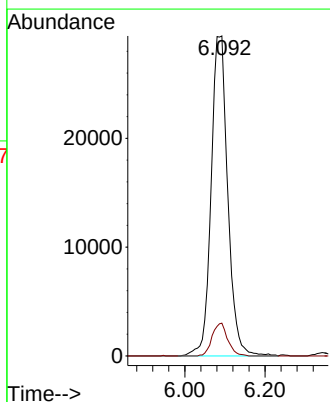
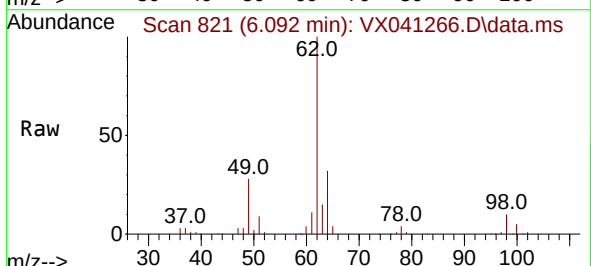
Reviewed By :John Carlone 04/29/2024

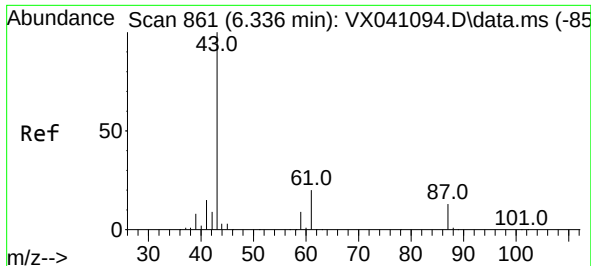
Supervised By :Mahesh Dadoda 04/29/2024



#42
1,2-Dichloroethane
Concen: 69.406 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

Tgt Ion: 62 Resp: 84786
Ion Ratio Lower Upper
62 100
98 9.6 0.0 16.0





#43

Isopropyl Acetate

Concen: 78.197 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.006 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 15766

Ion Ratio Lower Upper

43 100

61 19.2 15.2 22.8

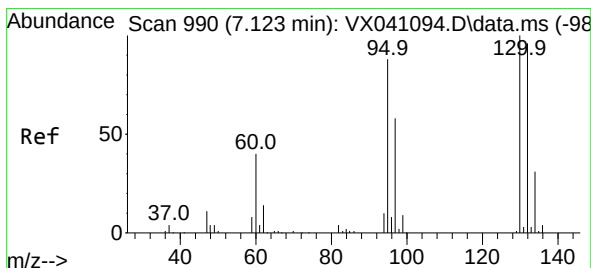
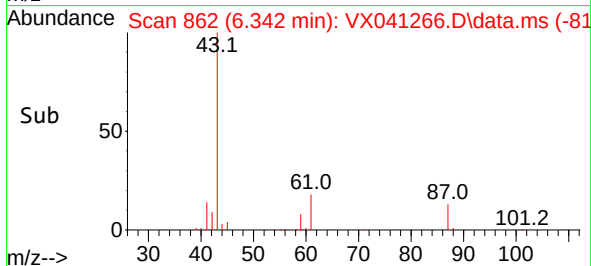
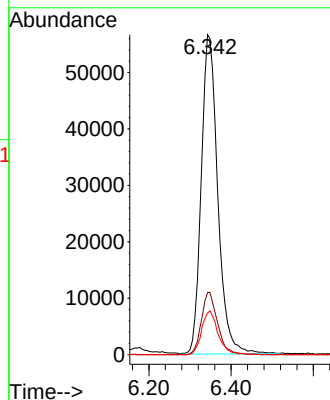
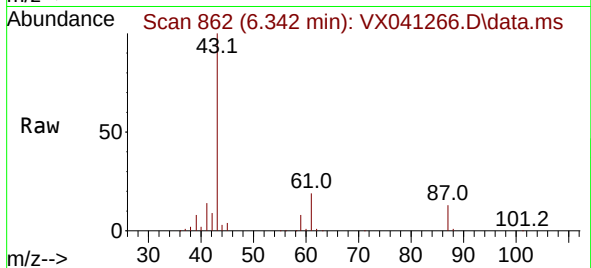
87 13.5 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#44

Trichloroethene

Concen: 43.275 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX041266.D

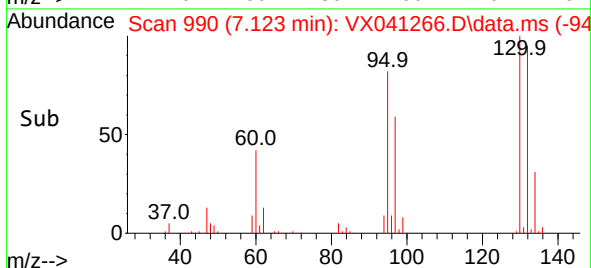
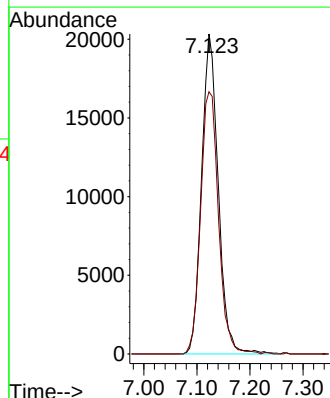
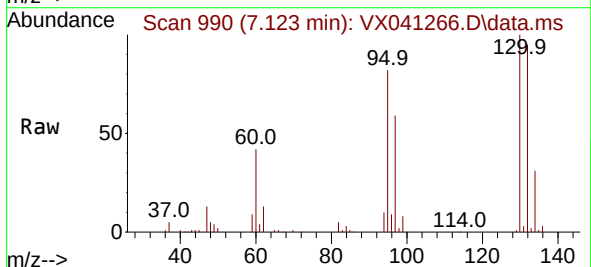
Acq: 26 Apr 2024 17:59

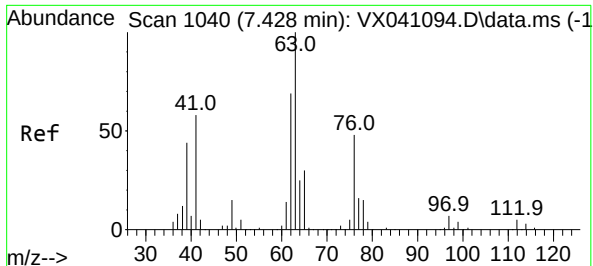
Tgt Ion:130 Resp: 44327

Ion Ratio Lower Upper

130 100

95 81.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 59.750 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 50474

Ion Ratio Lower Upper

63 100

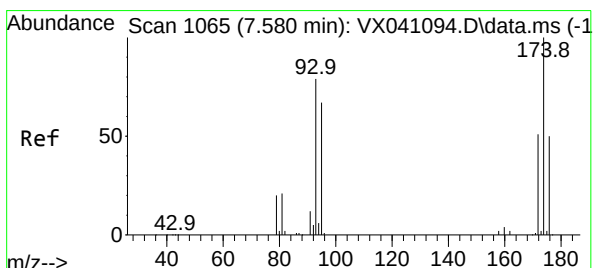
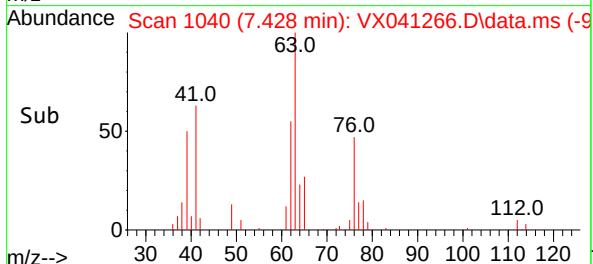
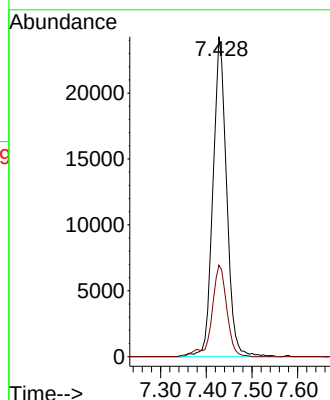
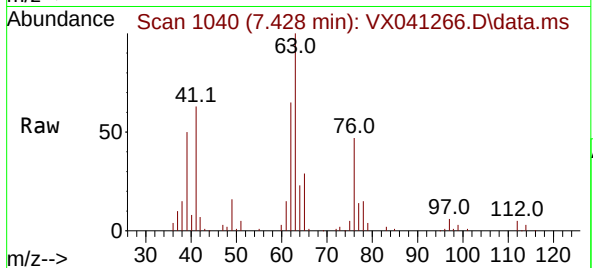
65 28.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#46

Dibromomethane

Concen: 68.050 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

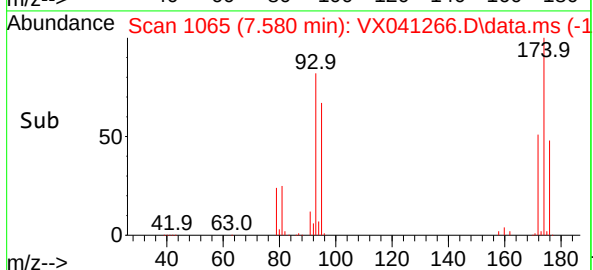
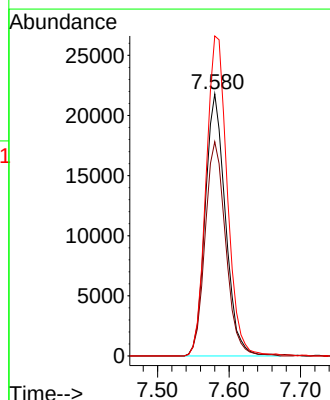
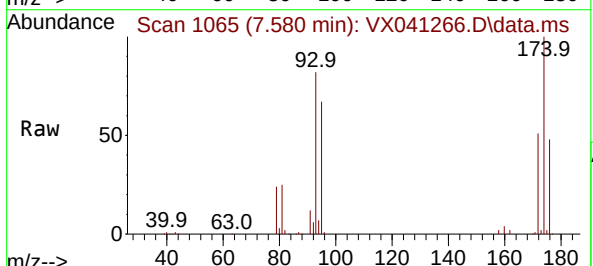
Tgt Ion: 93 Resp: 42865

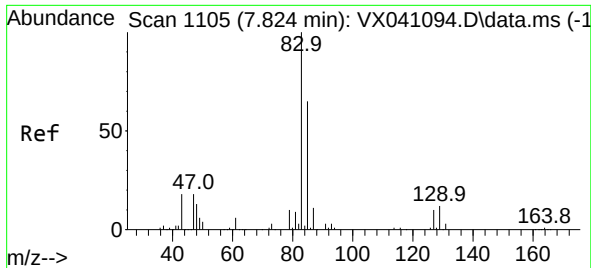
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 127.7 69.4 104.0#





#47
Bromodichloromethane
Concen: 65.823 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

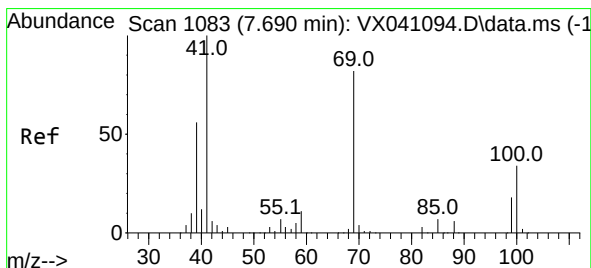
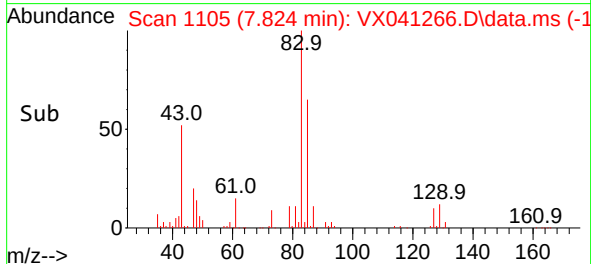
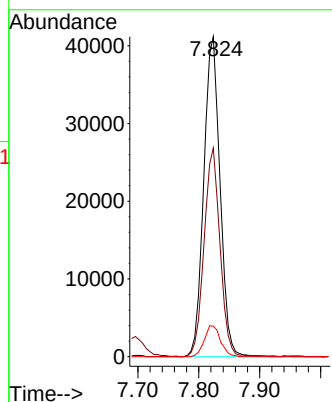
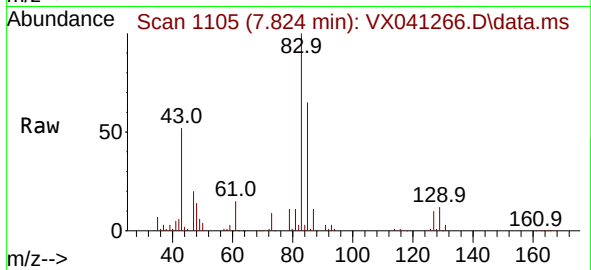
Tgt Ion: 83 Resp: 76420
Ion Ratio Lower Upper
83 100
85 65.2 49.8 74.6
127 9.6 7.1 10.7

Manual Integrations

APPROVED

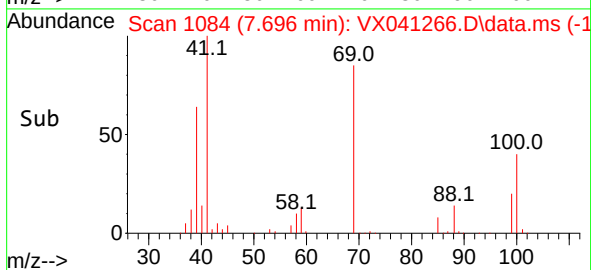
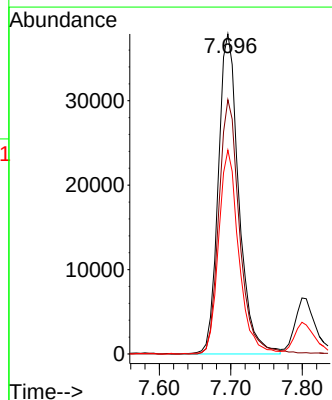
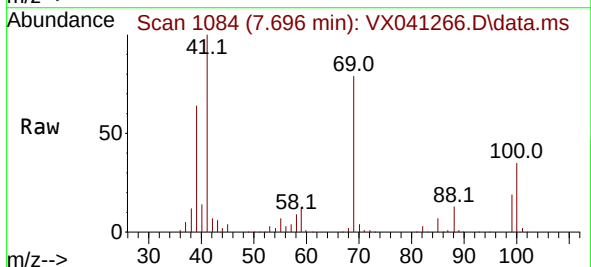
Reviewed By :John Carlone 04/29/2024

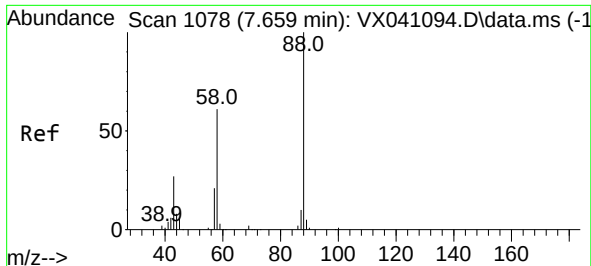
Supervised By :Mahesh Dadoda 04/29/2024



#48
Methyl methacrylate
Concen: 79.548 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

Tgt Ion: 41 Resp: 75860
Ion Ratio Lower Upper
41 100
69 80.5 59.2 88.8
39 62.6 47.7 71.5





#49

1,4-Dioxane

Concen: 1791.925 ug/l

RT: 7.671 min Scan# 1078

Delta R.T. -0.006 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 3678

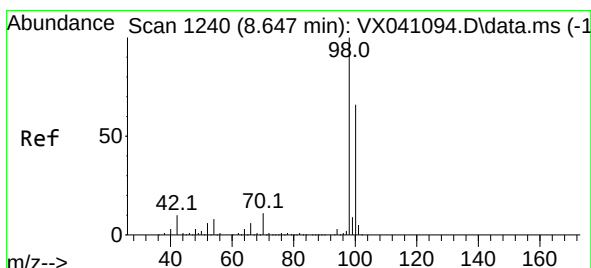
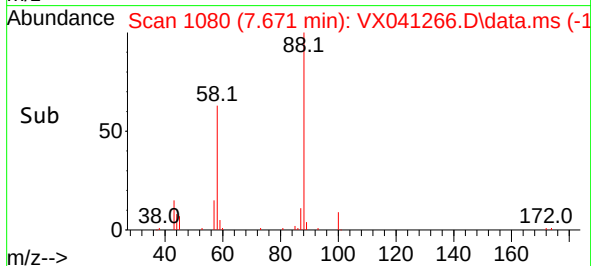
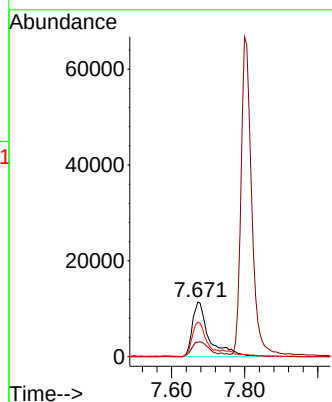
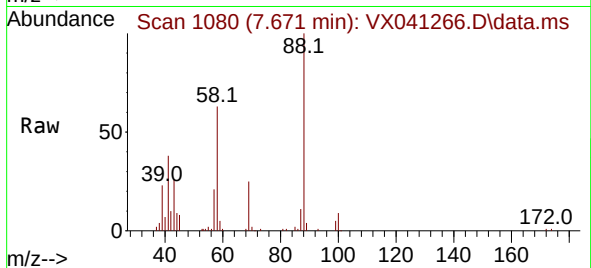
Ion	Ratio	Lower	Upper
88	100		
43	31.2	0.0	0.0
58	54.3	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#50

Toluene-d8

Concen: 47.972 ug/l

RT: 8.647 min Scan# 1240

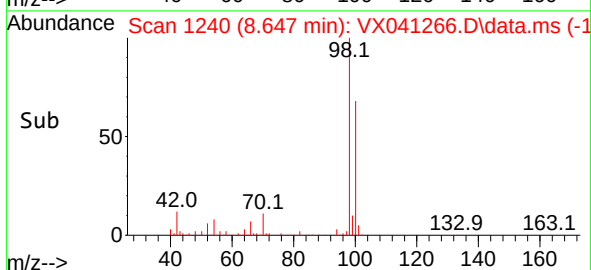
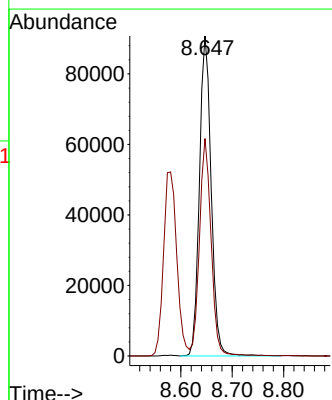
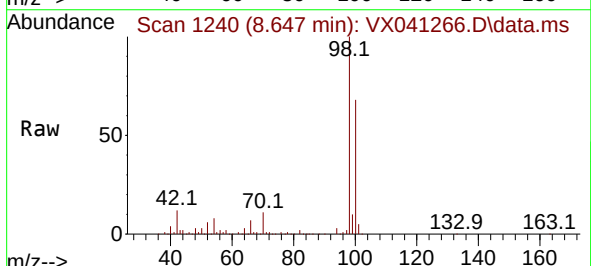
Delta R.T. 0.000 min

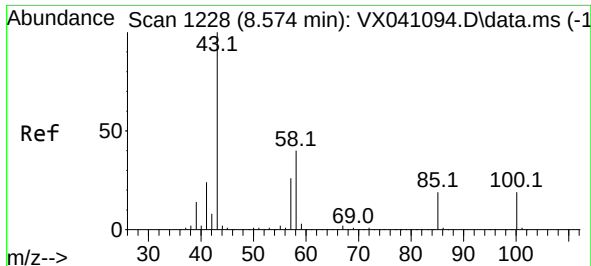
Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Tgt Ion: 98 Resp: 144303

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 421.539 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 53198

Ion Ratio Lower Upper

43 100

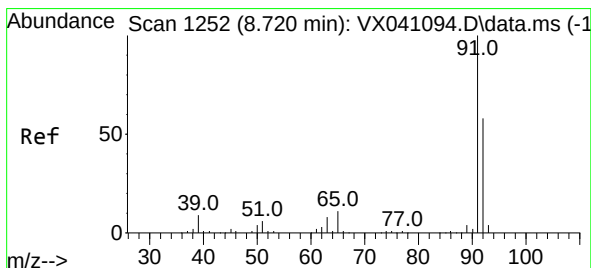
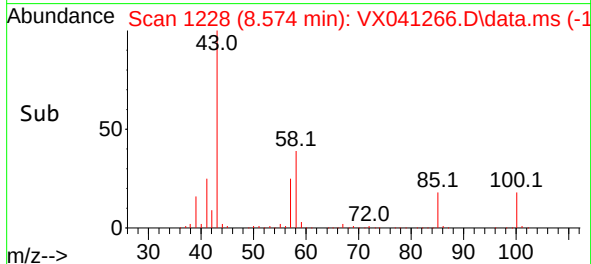
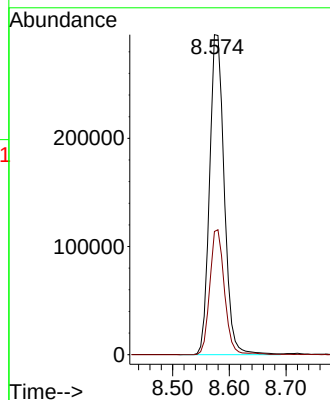
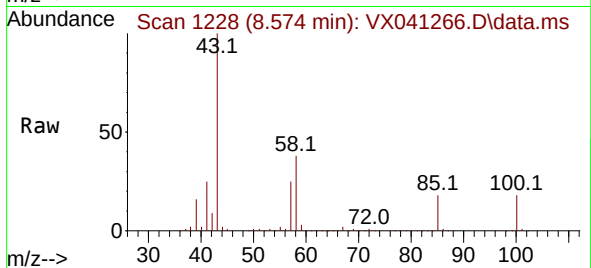
58 39.2 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#52

Toluene

Concen: 48.039 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX041266.D

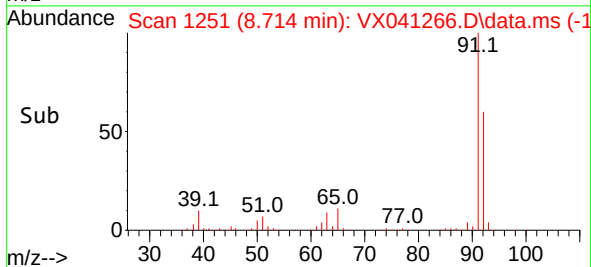
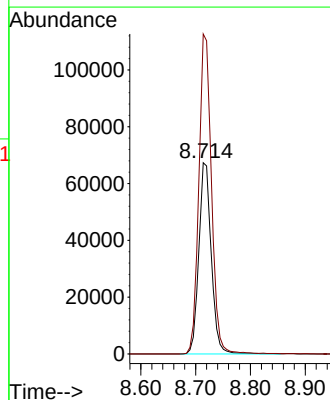
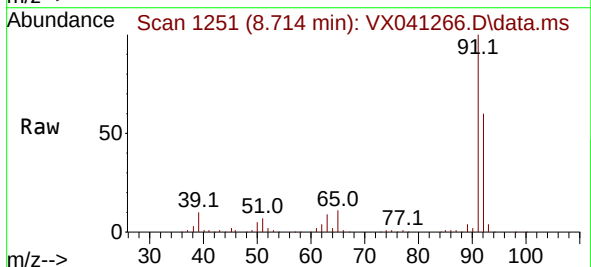
Acq: 26 Apr 2024 17:59

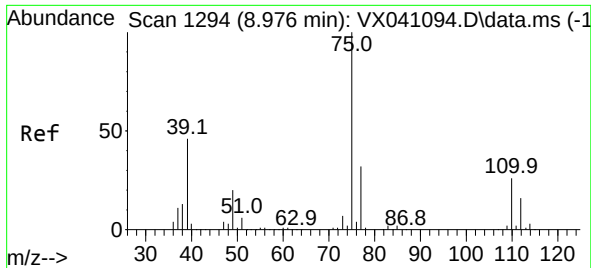
Tgt Ion: 92 Resp: 106648

Ion Ratio Lower Upper

92 100

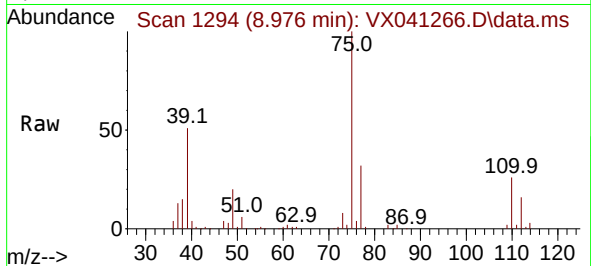
91 169.5 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 65.051 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

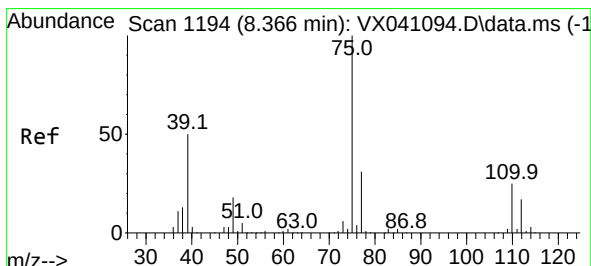
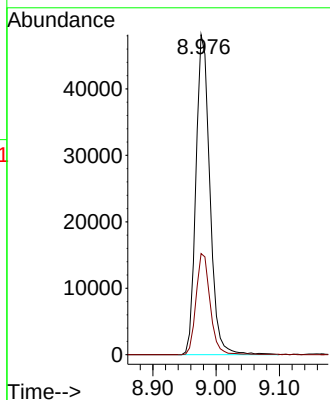
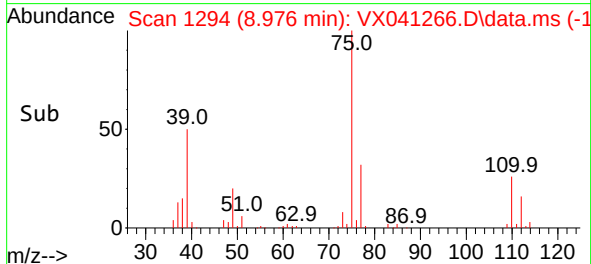
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 7408
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5

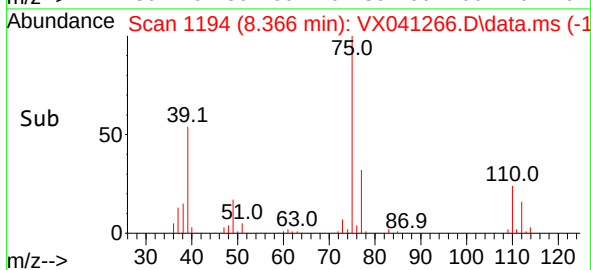
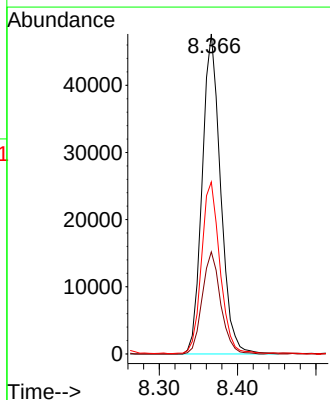
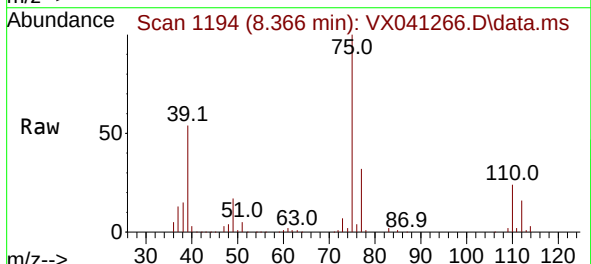
Manual Integrations
APPROVED

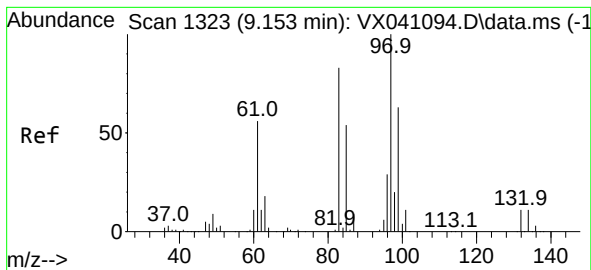
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#54
cis-1,3-Dichloropropene
Concen: 60.051 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

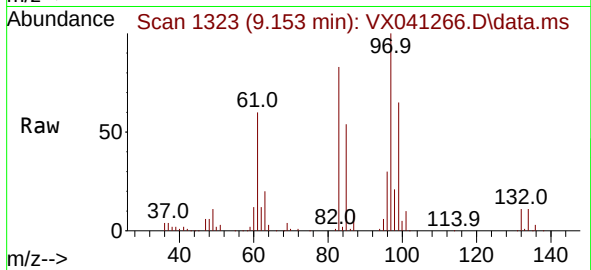
Tgt Ion: 75 Resp: 77748
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
39 53.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 69.661 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

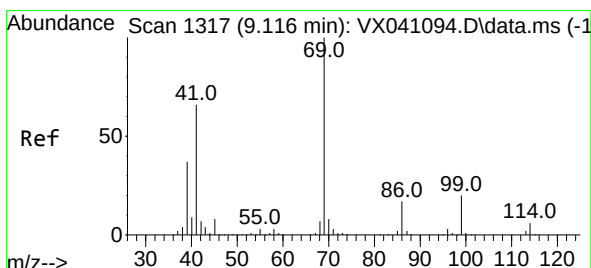
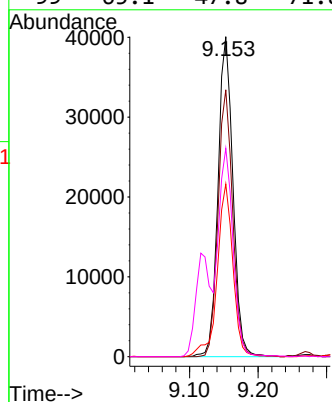
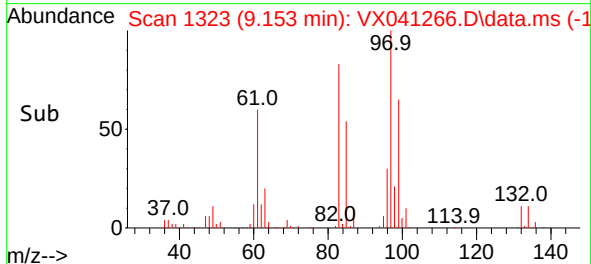
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



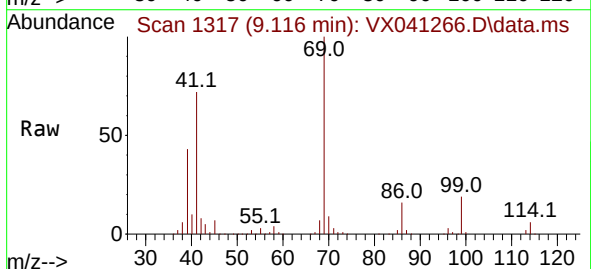
Tgt Ion:	97	Resp:	60344
Ion	Ratio	Lower	Upper
97	100		
83	83.4	65.8	98.8
85	54.0	41.6	62.4
99	65.1	47.8	71.8

Manual Integrations
APPROVED

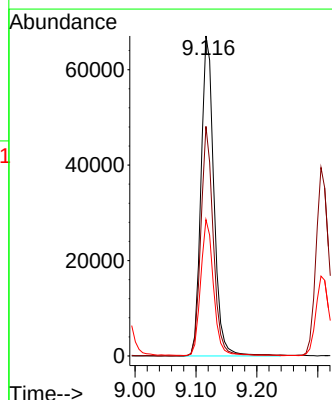
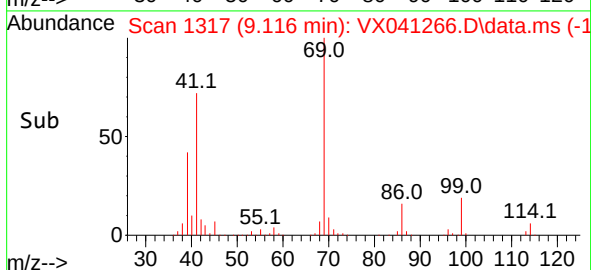
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

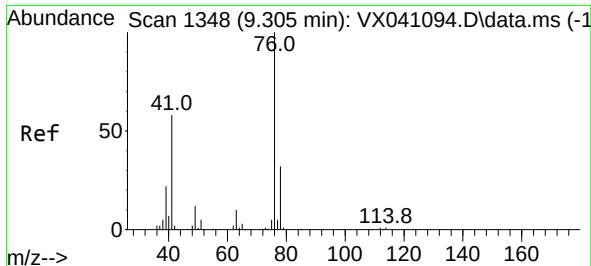


#56
Ethyl methacrylate
Concen: 74.729 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59



Tgt Ion:	69	Resp:	98963
Ion	Ratio	Lower	Upper
69	100		
41	69.1	56.8	85.2
39	42.0	32.0	48.0





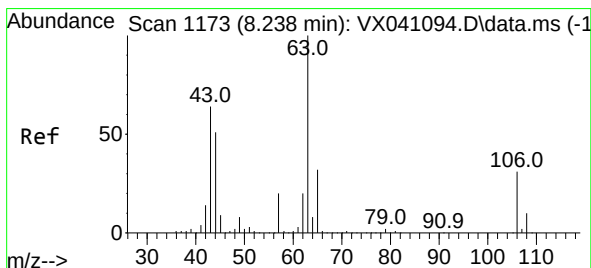
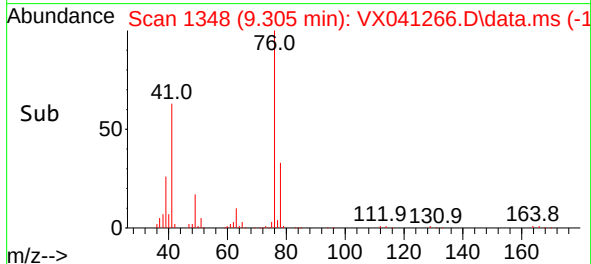
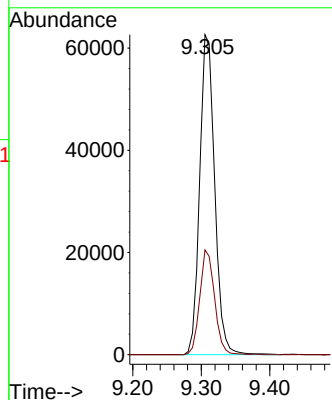
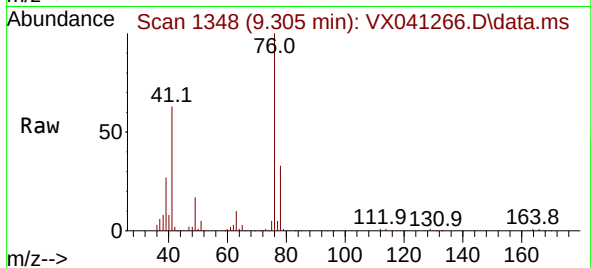
#57
1,3-Dichloropropane
Concen: 66.677 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. -0.006 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 9561
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1

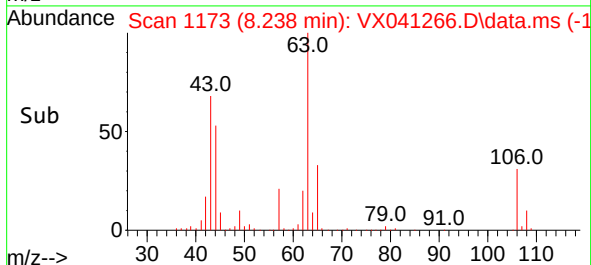
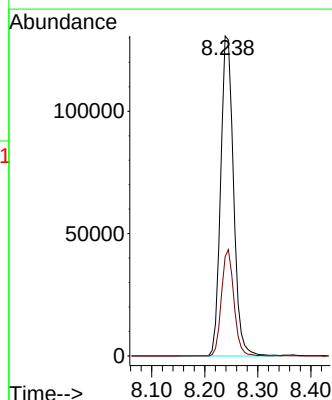
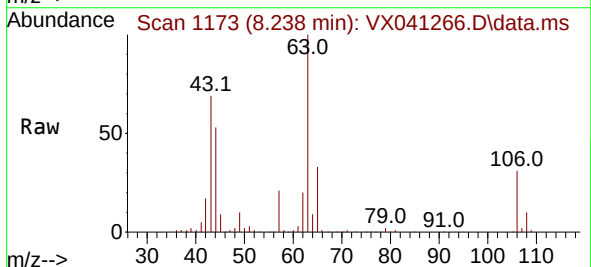
Manual Integrations
APPROVED

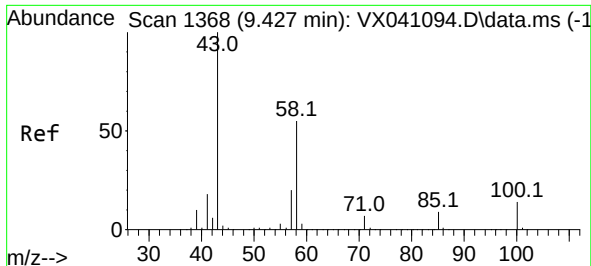
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#58
2-Chloroethyl Vinyl ether
Concen: 341.884 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

Tgt Ion: 63 Resp: 220357
Ion Ratio Lower Upper
63 100
106 32.2 22.5 33.7





#59

2-Hexanone

Concen: 432.875 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 418918

Ion Ratio Lower Upper

43 100

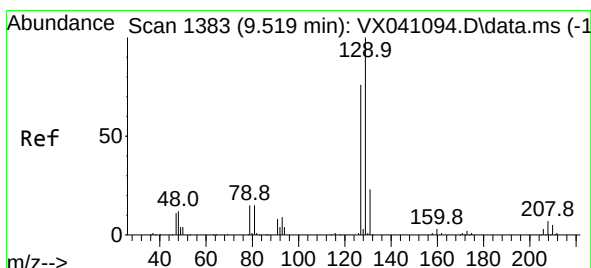
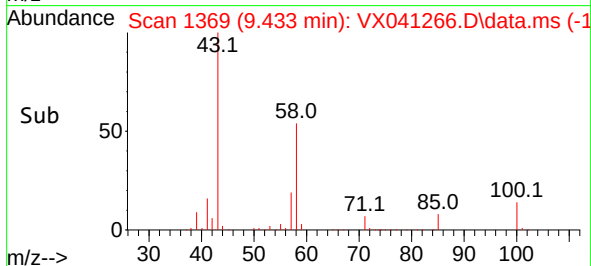
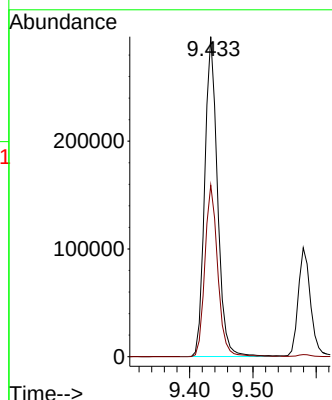
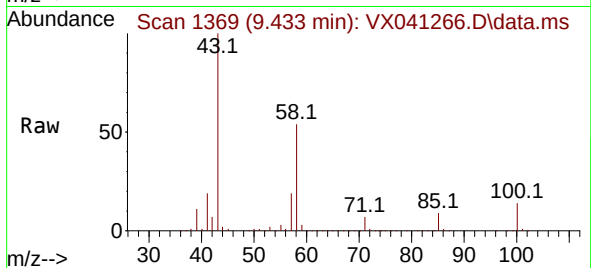
58 53.8 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#60

Dibromochloromethane

Concen: 68.544 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX041266.D

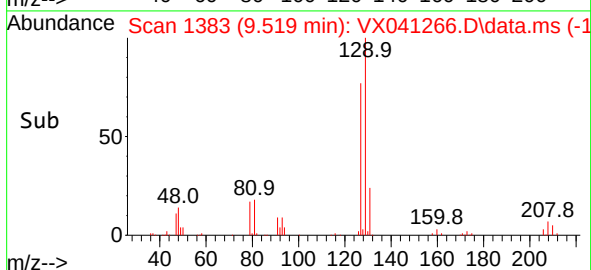
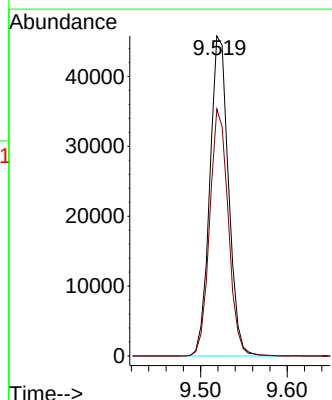
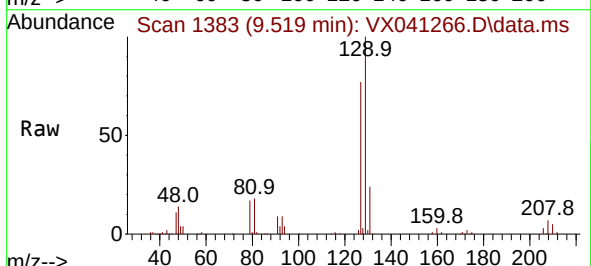
Acq: 26 Apr 2024 17:59

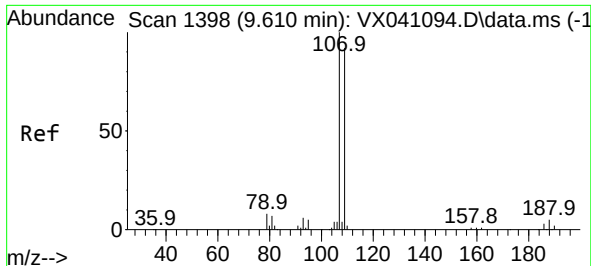
Tgt Ion:129 Resp: 68543

Ion Ratio Lower Upper

129 100

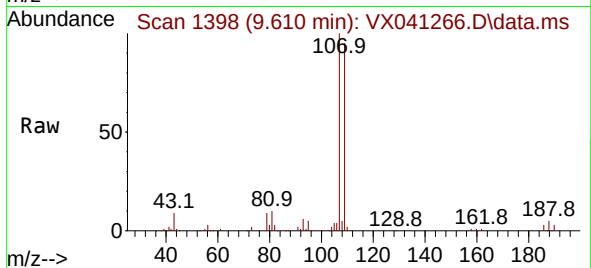
127 76.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 69.203 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

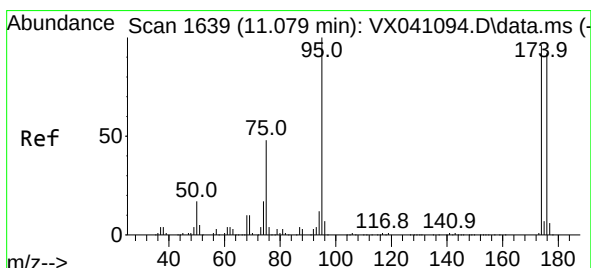
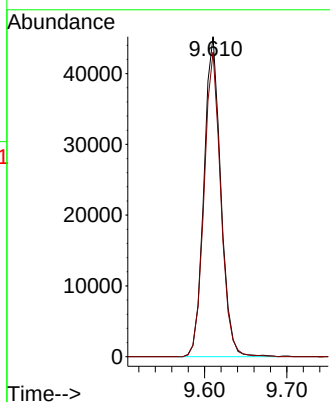
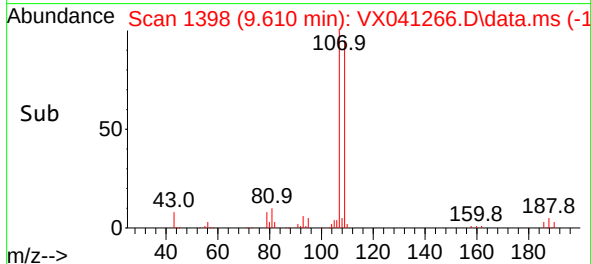
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 64318
Ion Ratio Lower Upper
107 100
109 94.6 75.2 112.8

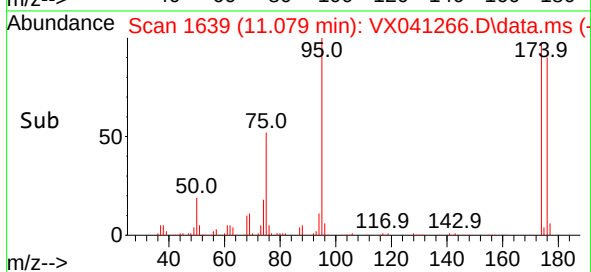
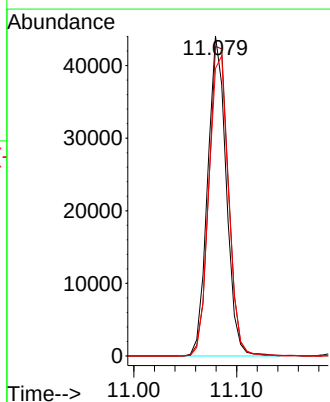
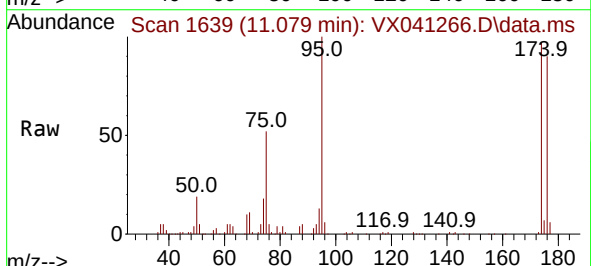
Manual Integrations
APPROVED

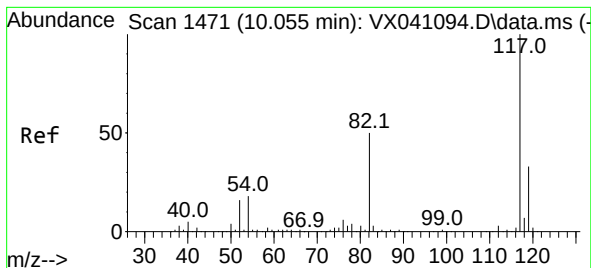
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#62
4-Bromofluorobenzene
Concen: 49.821 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

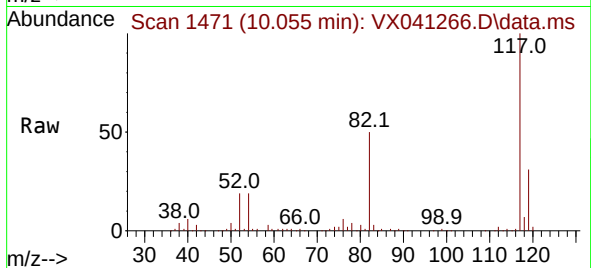
Tgt Ion: 95 Resp: 55316
Ion Ratio Lower Upper
95 100
174 102.3 0.0 135.6
176 99.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

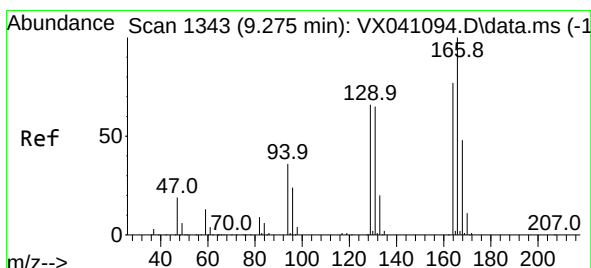
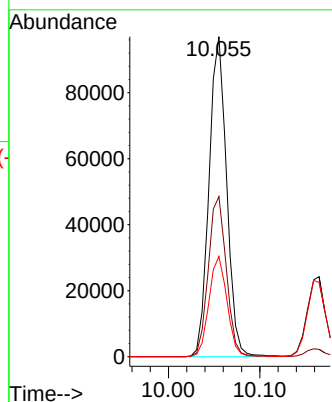
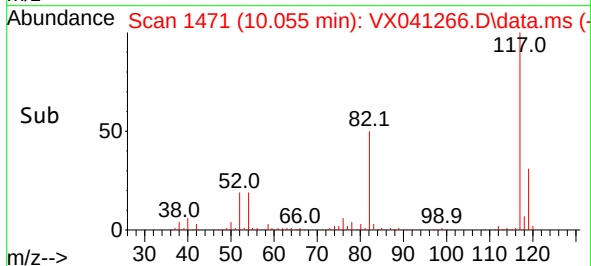
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



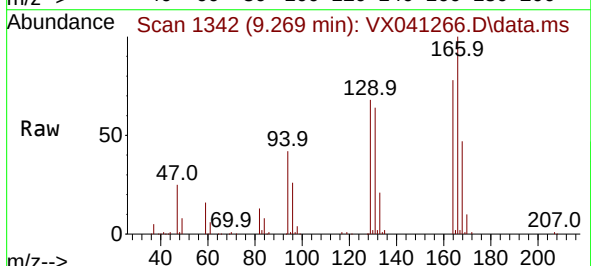
Tgt Ion:117 Resp: 12967
Ion Ratio Lower Upper
117 100
82 50.0 46.2 69.4
119 31.4 25.5 38.3

Manual Integrations
APPROVED

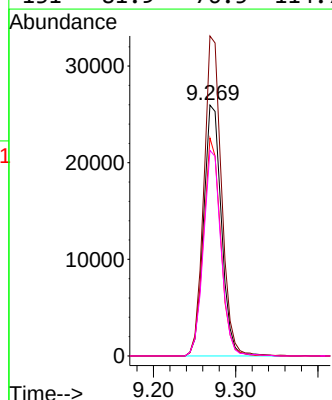
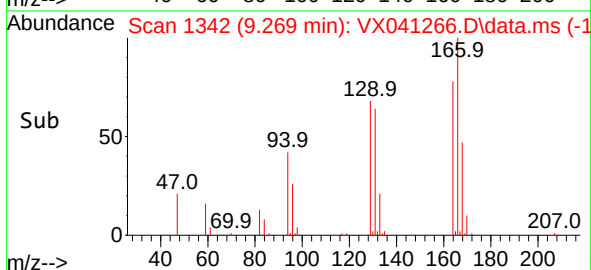
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

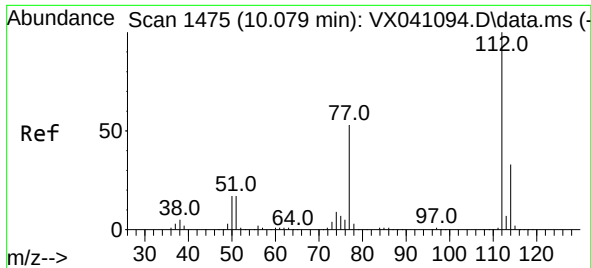


#64
Tetrachloroethene
Concen: 39.210 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59



Tgt Ion:164 Resp: 38994
Ion Ratio Lower Upper
164 100
166 127.5 102.7 154.1
129 86.8 80.4 120.6
131 81.9 76.5 114.7





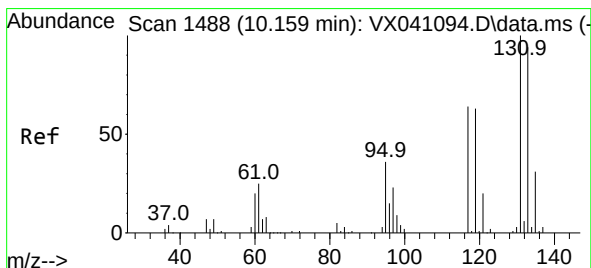
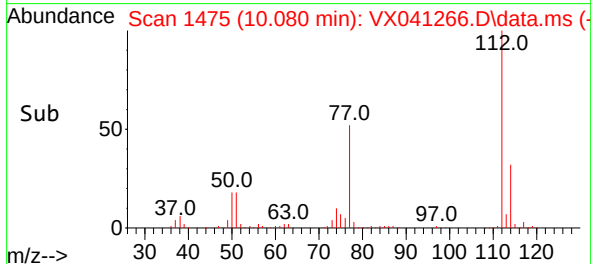
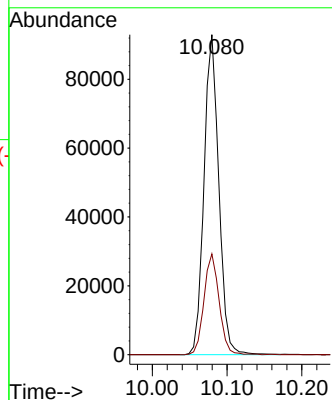
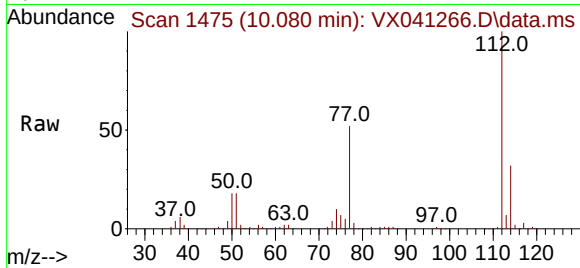
#65
Chlorobenzene
Concen: 47.893 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 12781
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

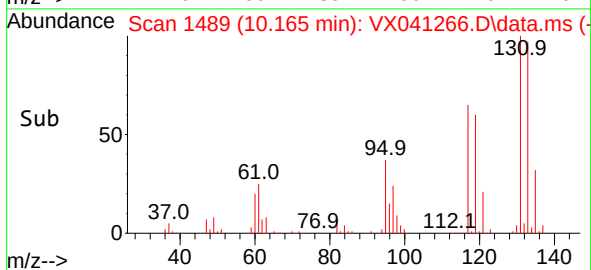
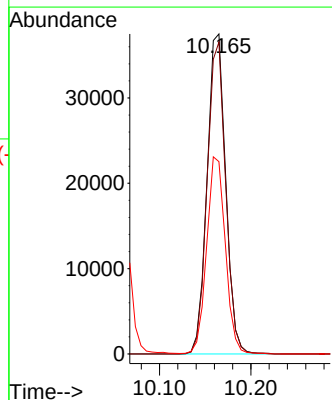
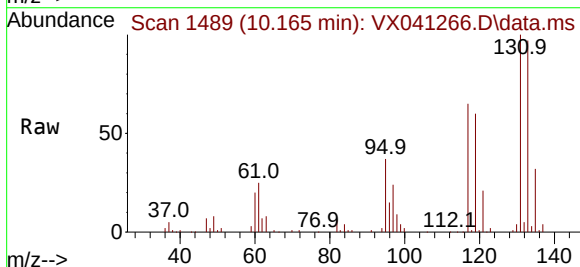
Manual Integrations
APPROVED

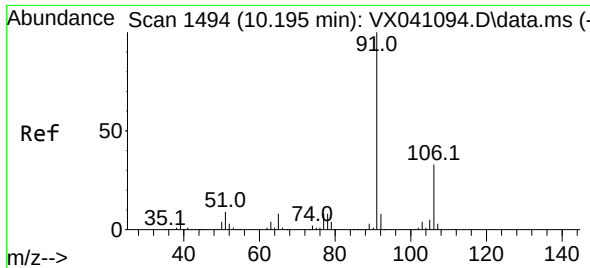
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 58.219 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

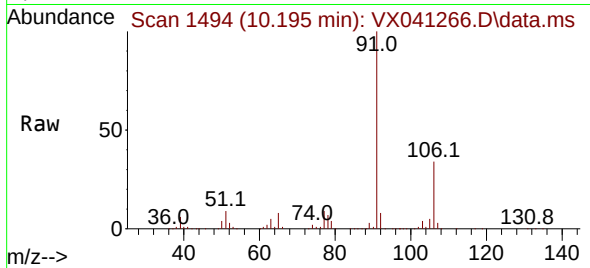
Tgt Ion:131 Resp: 53217
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.4
119 61.8 32.2 96.6





#67
Ethyl Benzene
Concen: 43.079 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

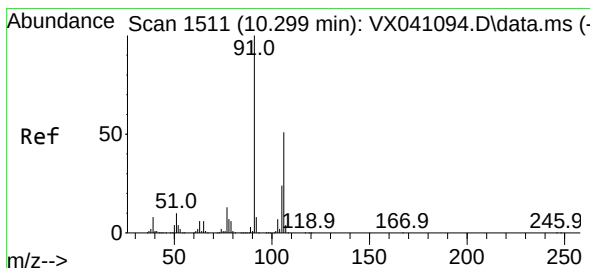
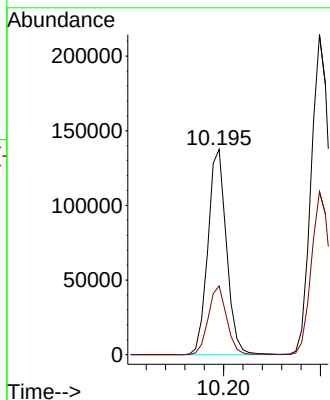
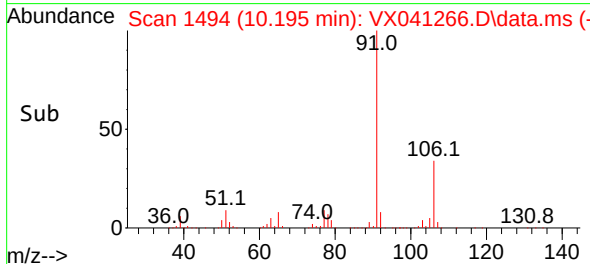
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



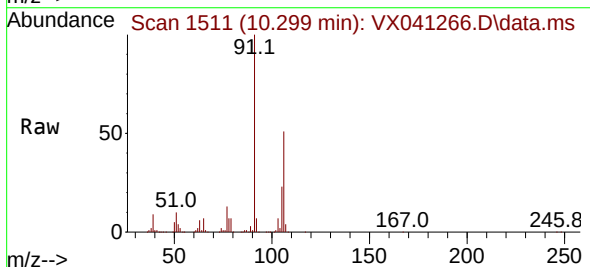
Tgt Ion: 91 Resp: 18346
Ion Ratio Lower Upper
91 100
106 33.5 24.9 37.3

Manual Integrations
APPROVED

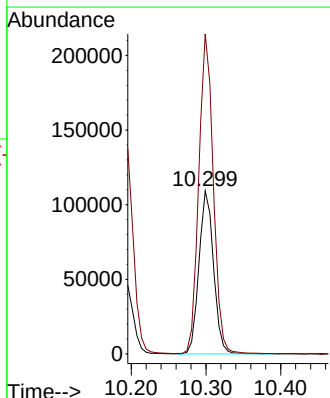
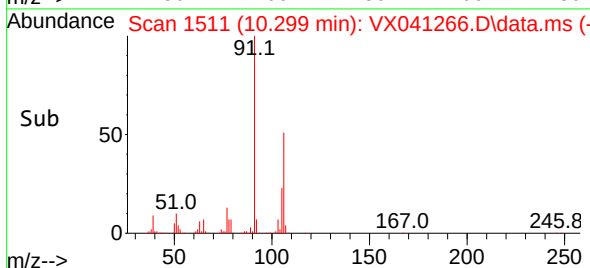
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

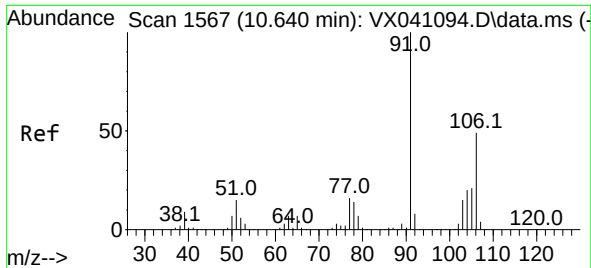


#68
m/p-Xylenes
Concen: 85.961 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59



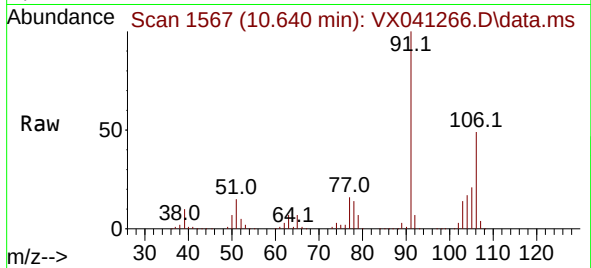
Tgt Ion:106 Resp: 147786
Ion Ratio Lower Upper
106 100
91 195.8 165.5 248.3





#69
o-Xylene
Concen: 47.224 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

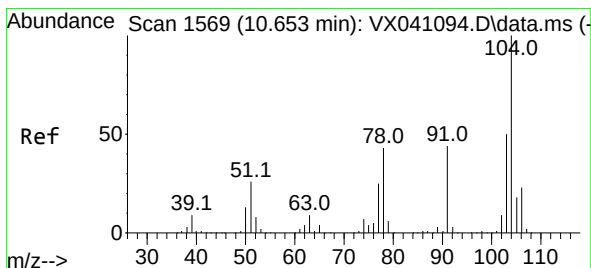
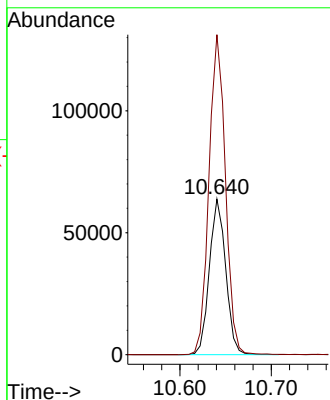
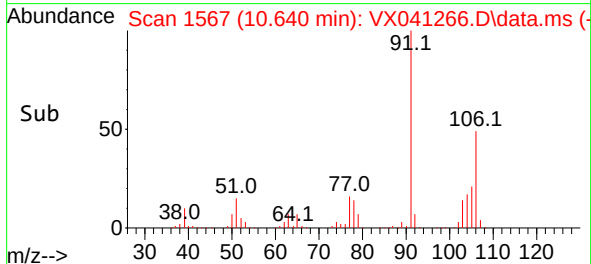
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 78964
Ion Ratio Lower Upper
106 100
91 207.2 108.9 326.8

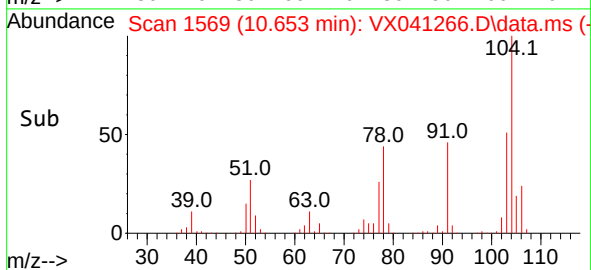
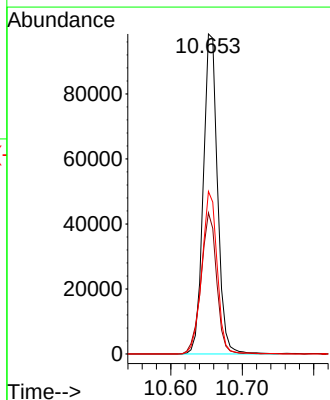
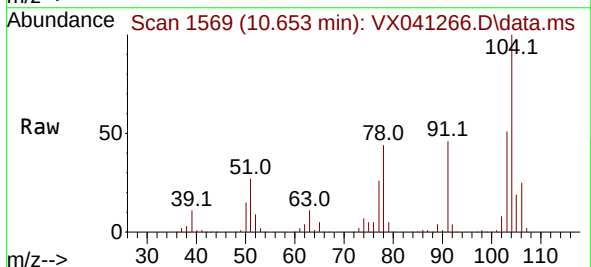
Manual Integrations
APPROVED

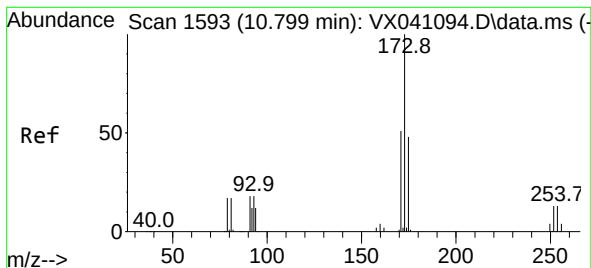
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#70
Styrene
Concen: 50.199 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

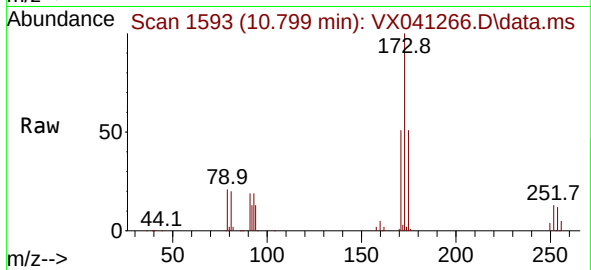
Tgt Ion:104 Resp: 136557
Ion Ratio Lower Upper
104 100
78 48.4 43.6 65.4
103 54.6 43.6 65.4





#71
Bromoform
Concen: 74.352 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

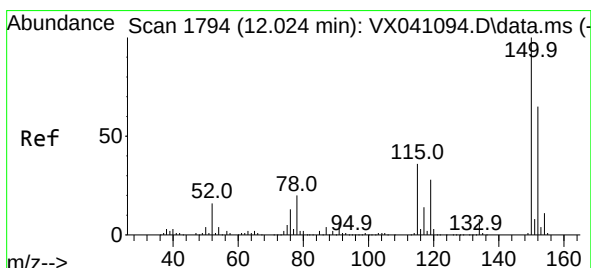
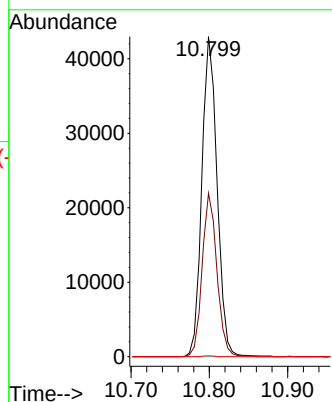
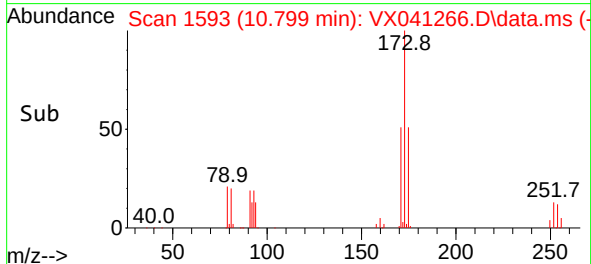
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



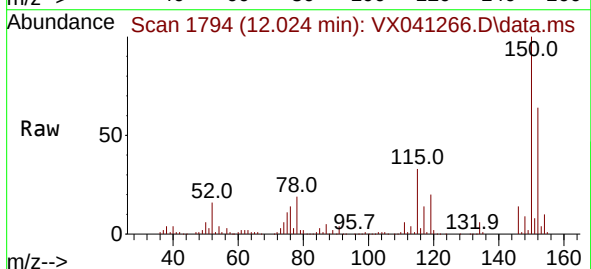
Tgt Ion:173 Resp: 58100
Ion Ratio Lower Upper
173 100
175 49.4 24.1 72.4
254 0.2 0.0 0.0

Manual Integrations
APPROVED

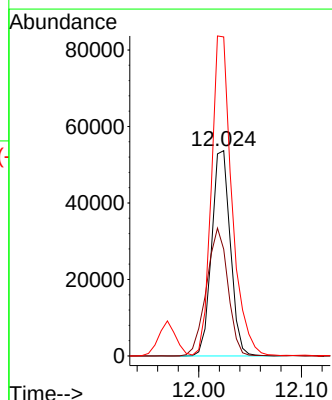
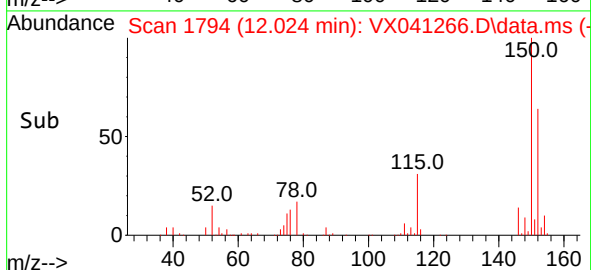
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

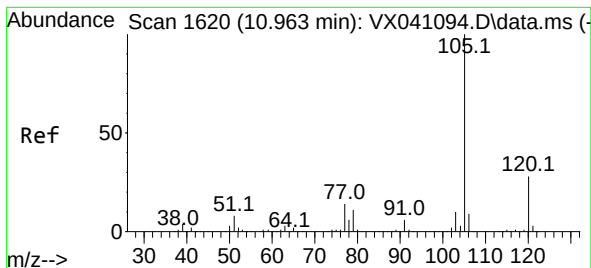


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59



Tgt Ion:152 Resp: 67559
Ion Ratio Lower Upper
152 100
115 71.8 43.3 129.9
150 171.0 0.0 345.0





#73

Isopropylbenzene

Concen: 43.446 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 18262

Ion Ratio Lower Upper

105 100

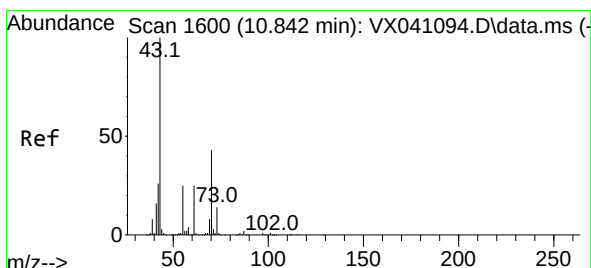
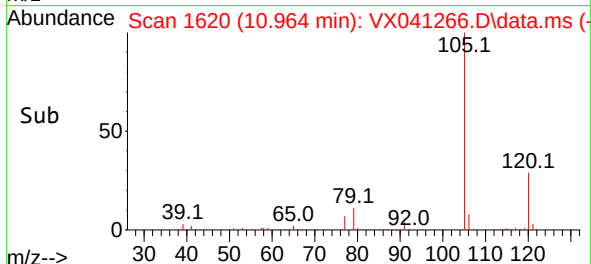
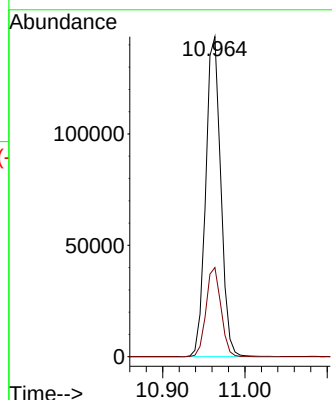
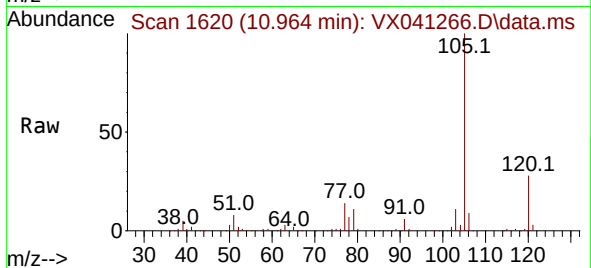
120 27.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#74

N-ethyl acetate

Concen: 80.666 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Tgt Ion: 43 Resp: 133263

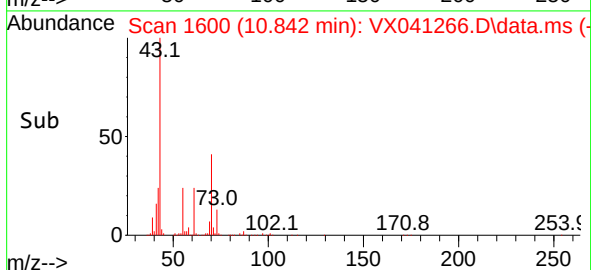
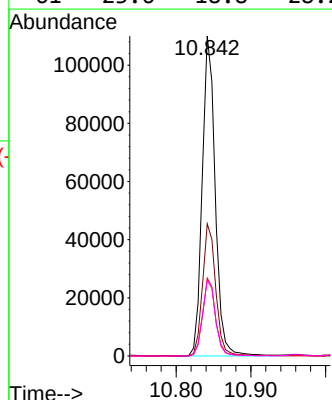
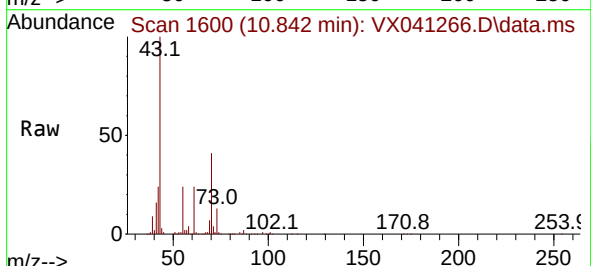
Ion Ratio Lower Upper

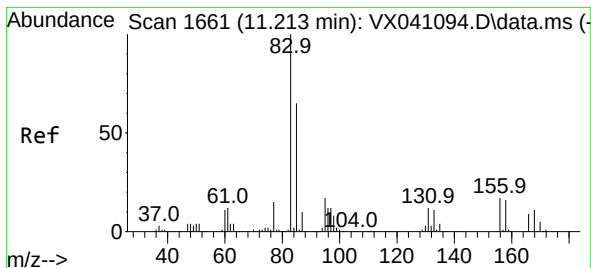
43 100

70 41.8 32.9 49.3

55 24.4 19.3 28.9

61 23.6 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 75.206 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

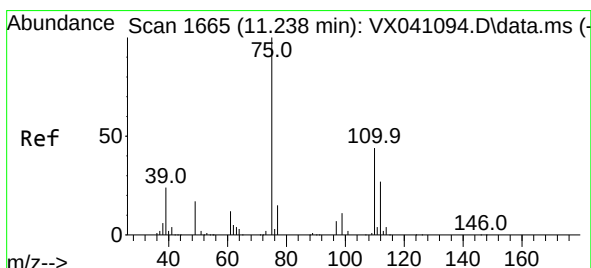
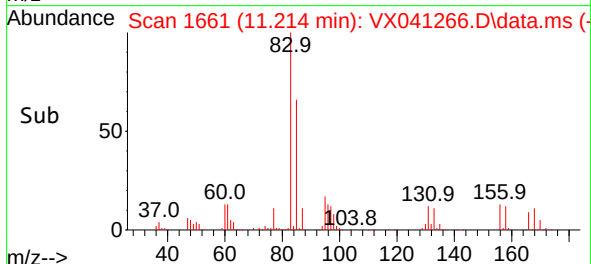
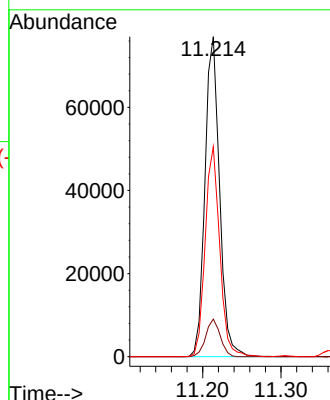
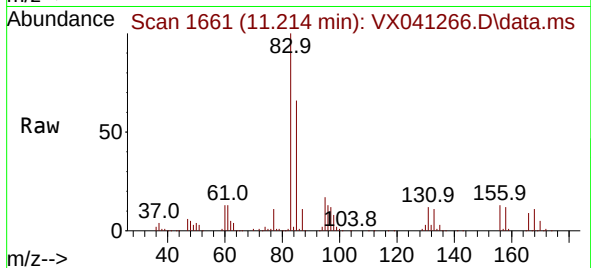
Tgt Ion: 83 Resp: 9969
 Ion Ratio Lower Upper
 83 100
 131 11.6 5.3 15.8
 85 65.4 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#76

1,2,3-Trichloropropane

Concen: 75.518 ug/l m

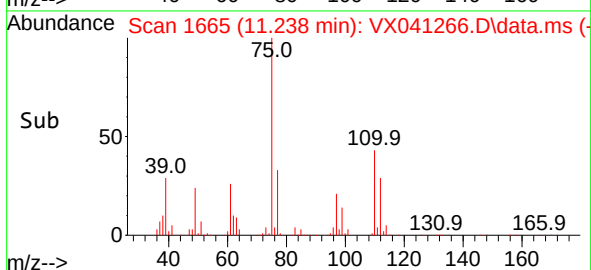
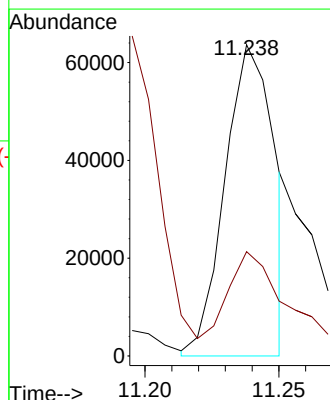
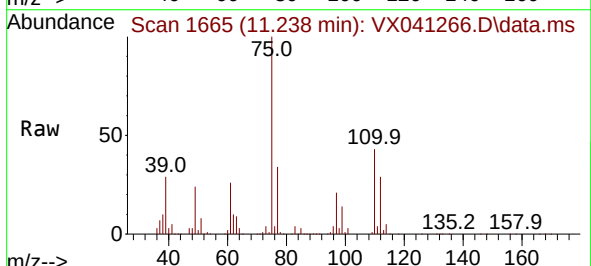
RT: 11.238 min Scan# 1665

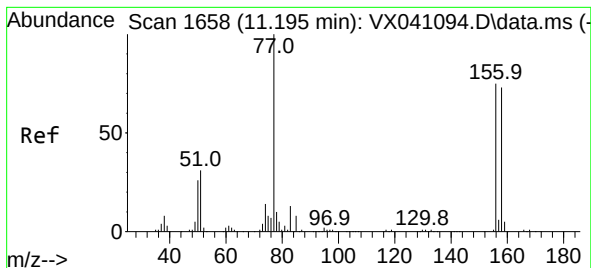
Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Tgt Ion: 75 Resp: 82201
 Ion Ratio Lower Upper
 75 100
 77 42.3 19.1 57.5





#77

Bromobenzene

Concen: 53.532 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

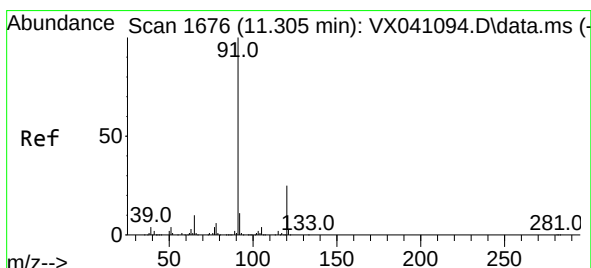
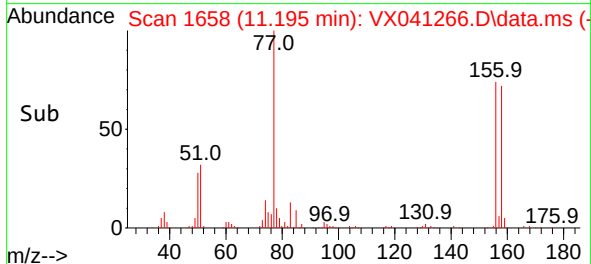
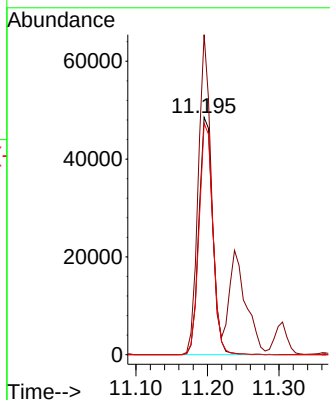
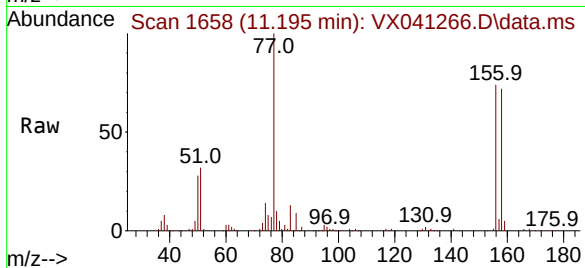
Tgt Ion:	156	Resp:	6548
Ion Ratio	Lower	Upper	
156	100		
77	125.3	88.4	265.3
158	97.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#78

n-propylbenzene

Concen: 43.366 ug/l

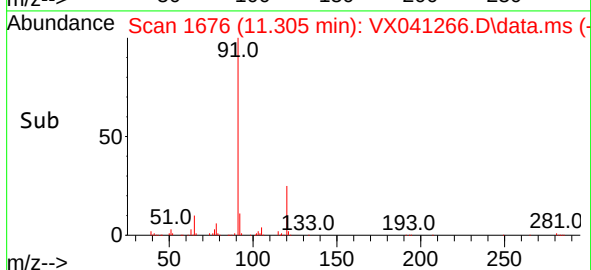
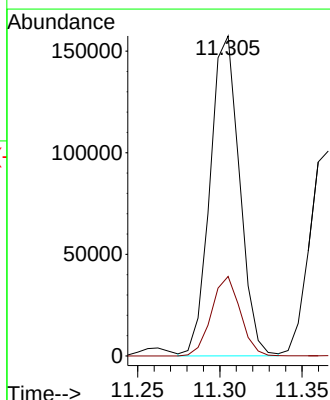
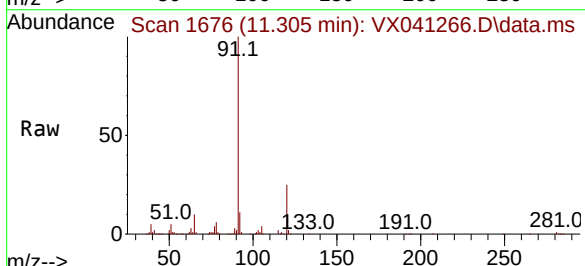
RT: 11.305 min Scan# 1676

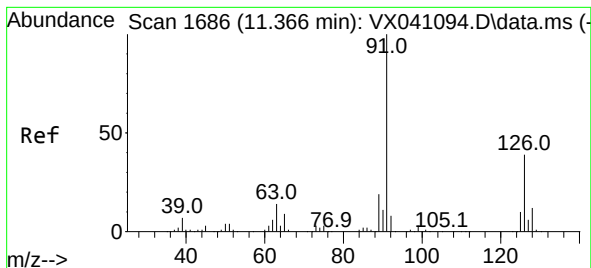
Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Tgt Ion:	91	Resp:	196831
Ion Ratio	Lower	Upper	
91	100		
120	24.3	11.5	34.4





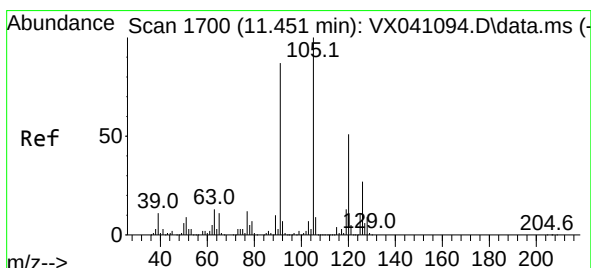
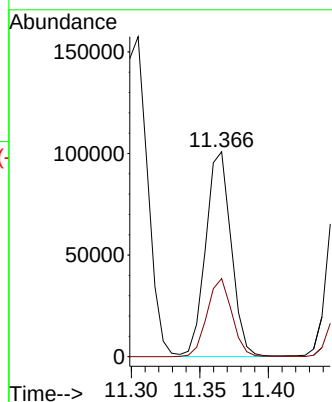
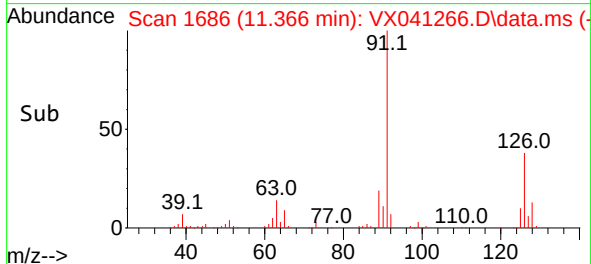
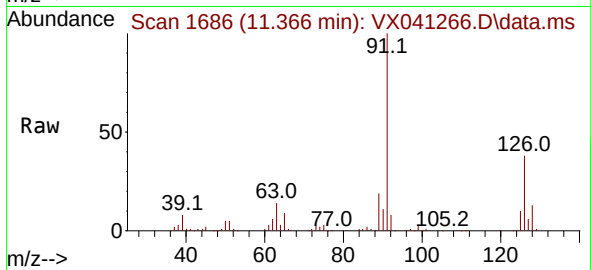
#79
2-Chlorotoluene
Concen: 45.384 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 13035
Ion Ratio Lower Upper
91 100
126 37.2 16.3 48.8

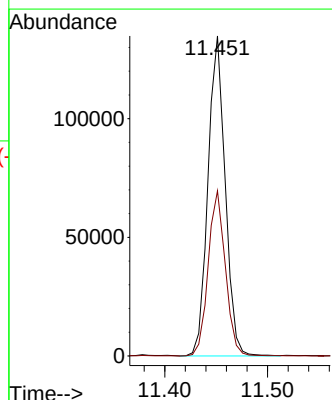
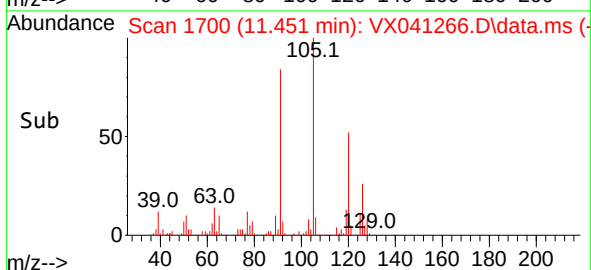
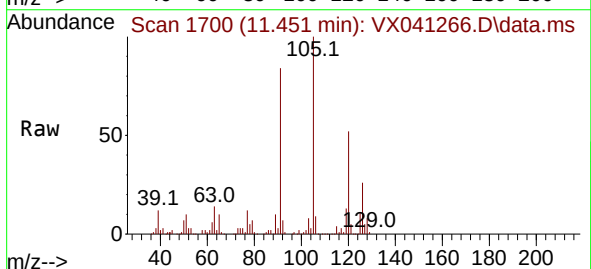
Manual Integrations
APPROVED

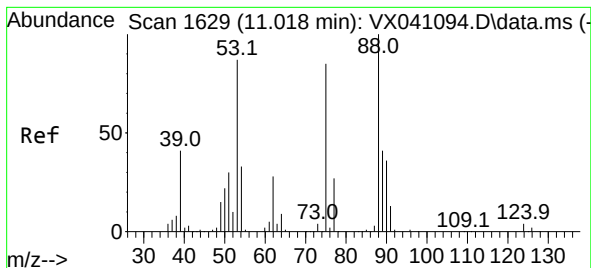
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#80
1,3,5-Trimethylbenzene
Concen: 44.914 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

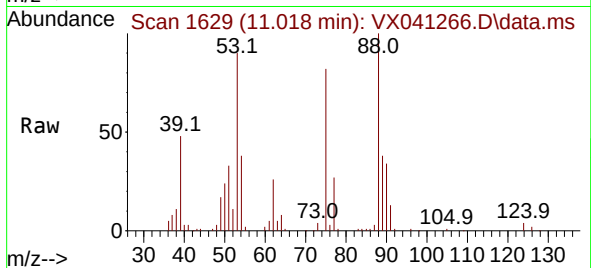
Tgt Ion:105 Resp: 157068
Ion Ratio Lower Upper
105 100
120 51.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 71.035 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

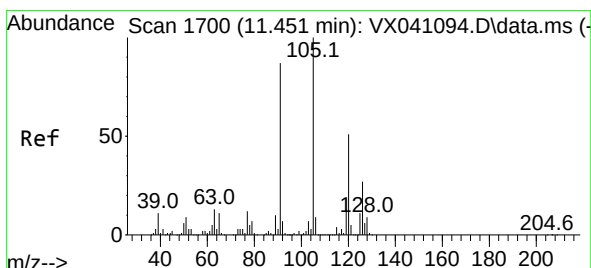
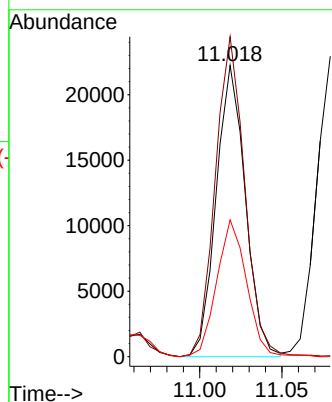
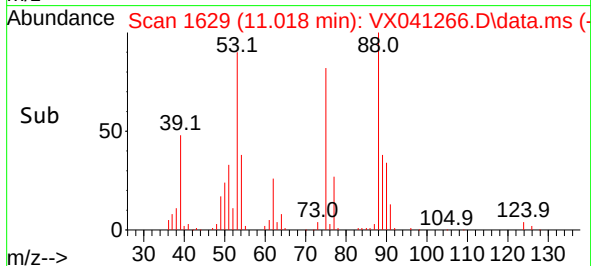
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 27400
Ion Ratio Lower Upper
75 100
53 110.7 90.5 135.7
89 48.2 36.9 55.3

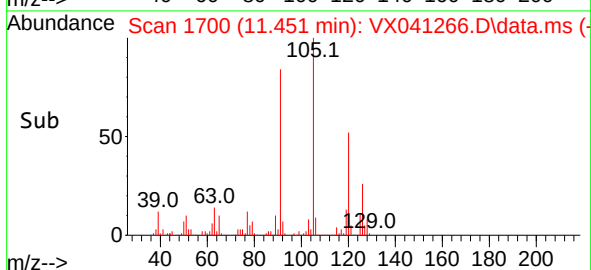
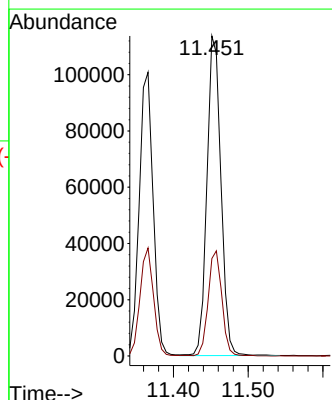
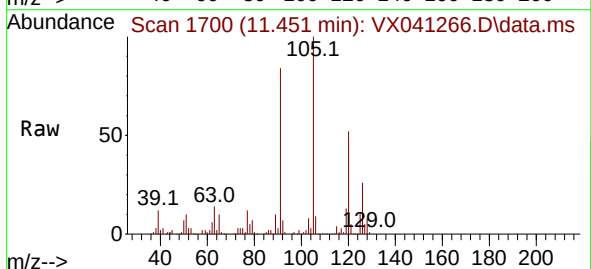
Manual Integrations
APPROVED

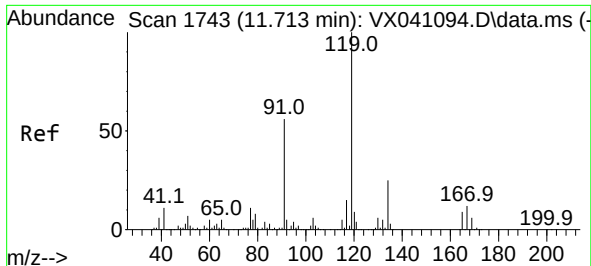
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024



#82
4-Chlorotoluene
Concen: 45.449 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

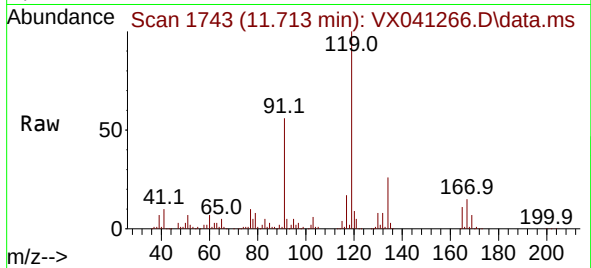
Tgt Ion: 91 Resp: 147931
Ion Ratio Lower Upper
91 100
126 32.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 46.147 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59

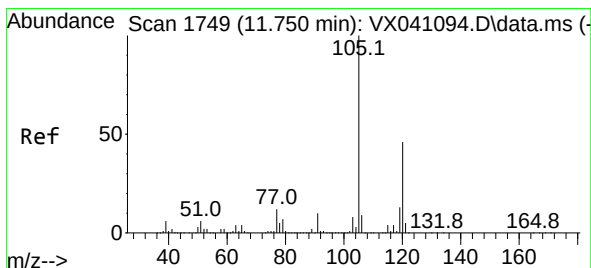
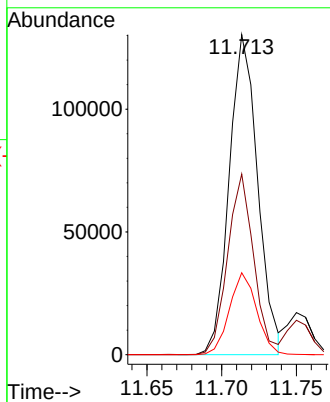
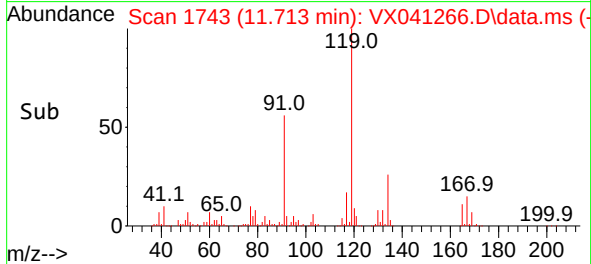
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



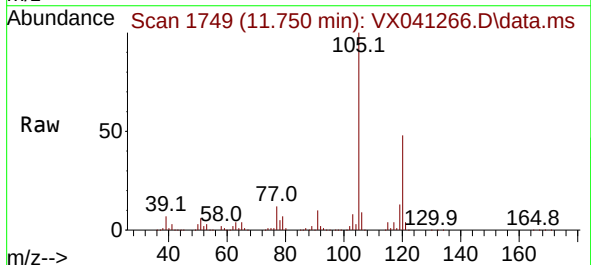
Tgt Ion:119 Resp: 172815
Ion Ratio Lower Upper
119 100
91 51.8 31.2 93.6
134 24.5 11.7 35.0

Manual Integrations
APPROVED

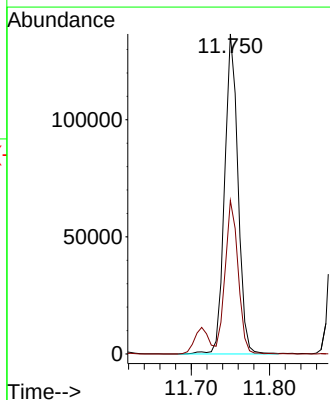
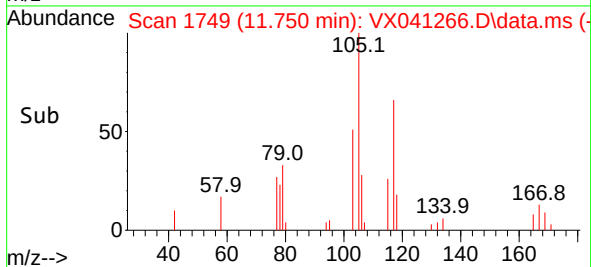
Reviewed By :John Carlone 04/29/2024
Supervised By :Mahesh Dadoda 04/29/2024

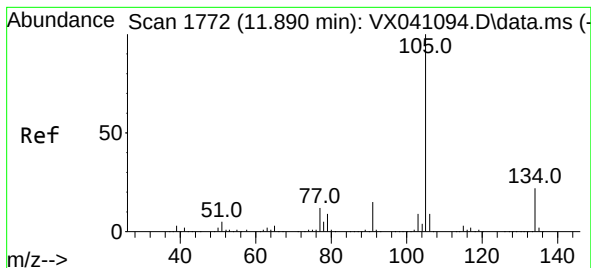


#84
1,2,4-Trimethylbenzene
Concen: 46.853 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041266.D
Acq: 26 Apr 2024 17:59



Tgt Ion:105 Resp: 162625
Ion Ratio Lower Upper
105 100
120 46.3 21.2 63.6





#85

sec-Butylbenzene

Concen: 42.603 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 184238

Ion Ratio Lower Upper

105 100

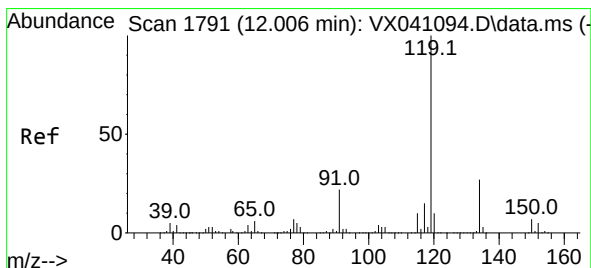
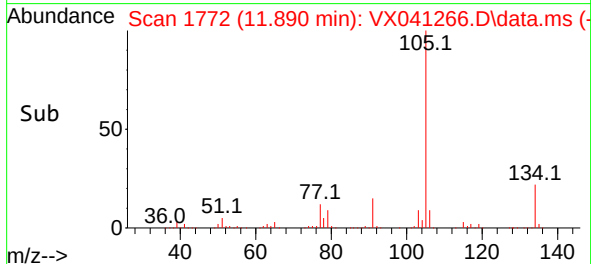
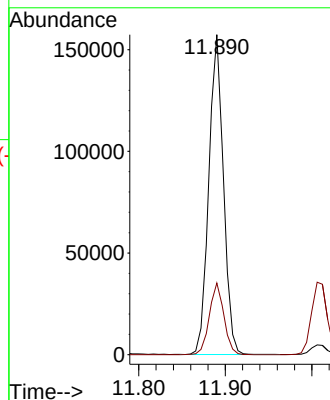
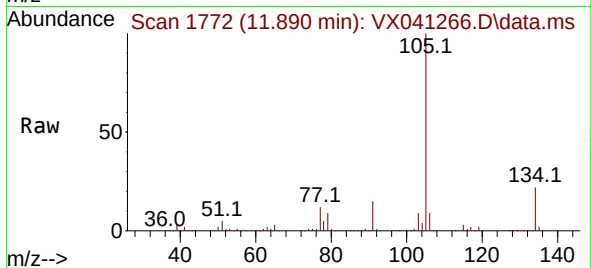
134 22.3 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#86

p-Isopropyltoluene

Concen: 43.876 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

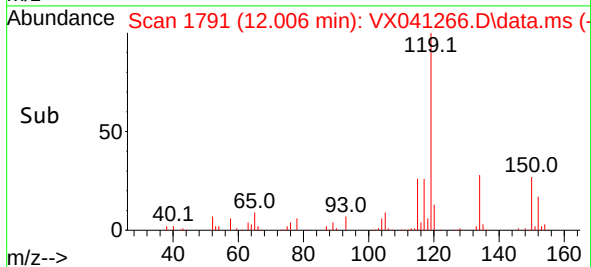
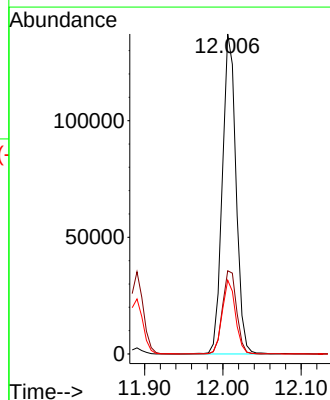
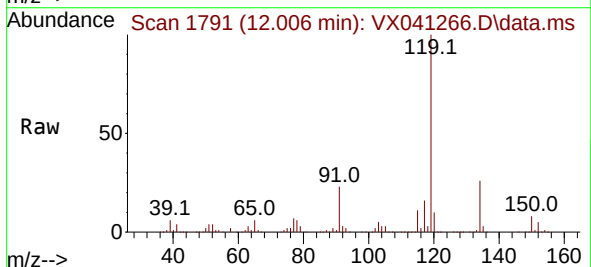
Tgt Ion:119 Resp: 167212

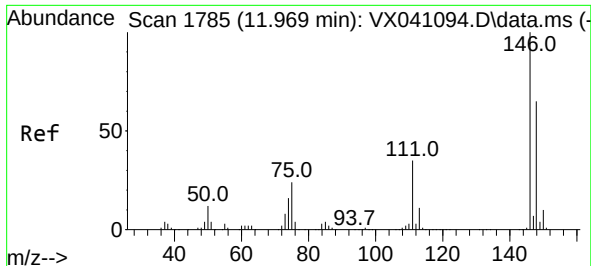
Ion Ratio Lower Upper

119 100

134 26.8 12.8 38.3

91 22.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 47.425 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041266.D

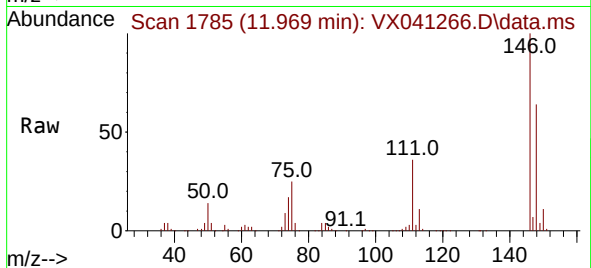
Acq: 26 Apr 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 104209

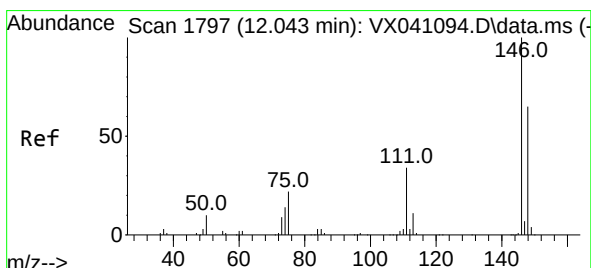
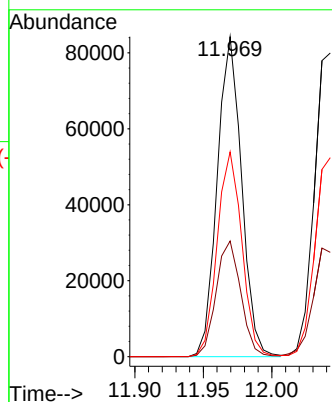
Ion	Ratio	Lower	Upper
146	100		
111	36.8	22.1	66.1
148	64.7	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#88

1,4-Dichlorobenzene

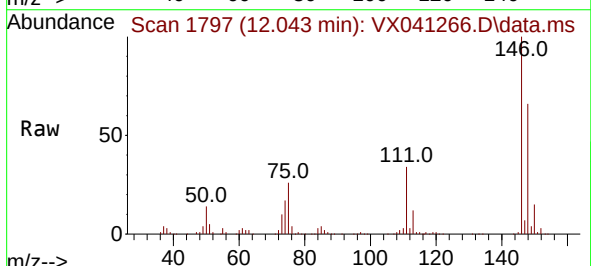
Concen: 46.922 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

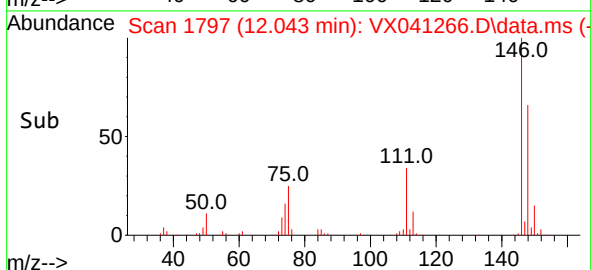
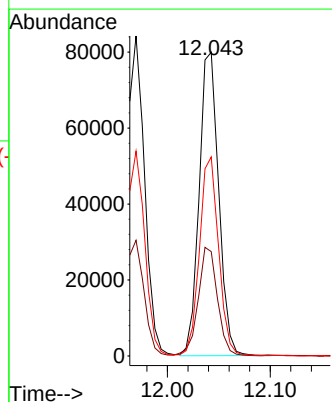
Lab File: VX041266.D

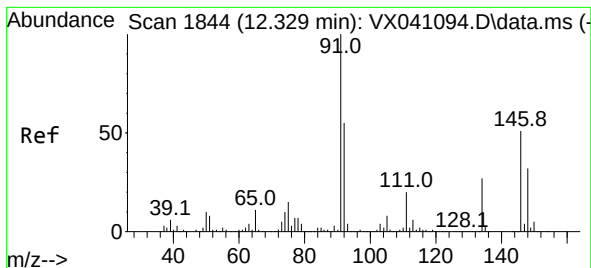
Acq: 26 Apr 2024 17:59



Tgt Ion:146 Resp: 105788

Ion	Ratio	Lower	Upper
146	100		
111	35.3	21.3	63.7
148	64.1	31.8	95.4





#89

n-Butylbenzene

Concen: 42.945 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

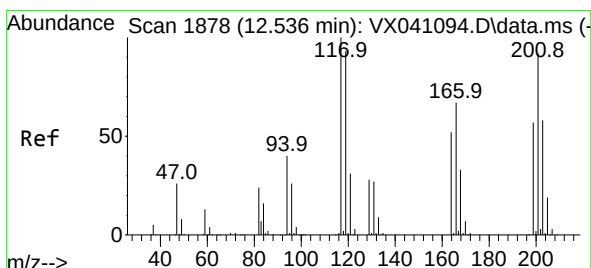
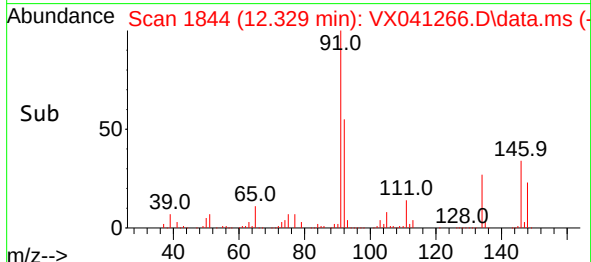
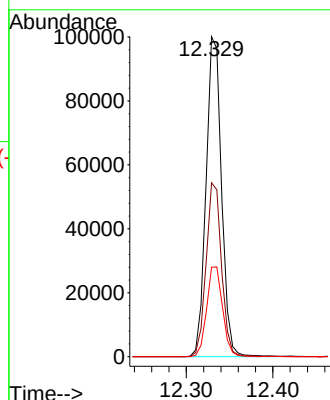
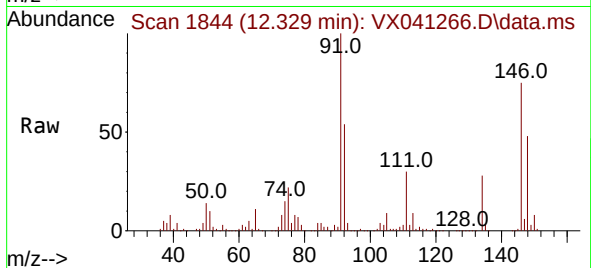
Tgt Ion: 91 Resp: 12426
 Ion Ratio Lower Upper
 91 100
 92 54.2 27.4 82.0
 134 28.9 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#90

Hexachloroethane

Concen: 44.230 ug/l

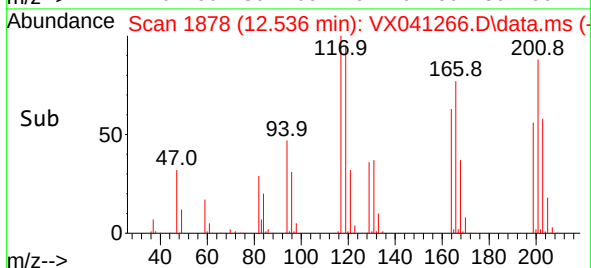
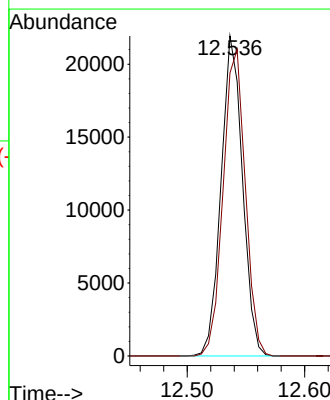
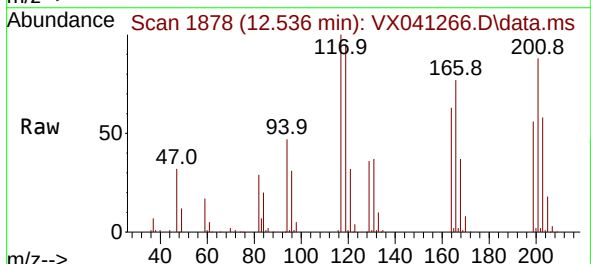
RT: 12.536 min Scan# 1878

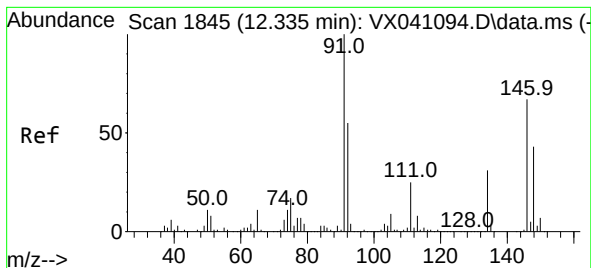
Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Tgt Ion:117 Resp: 27805
 Ion Ratio Lower Upper
 117 100
 201 98.9 32.9 98.6#





#91

1,2-Dichlorobenzene

Concen: 53.280 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

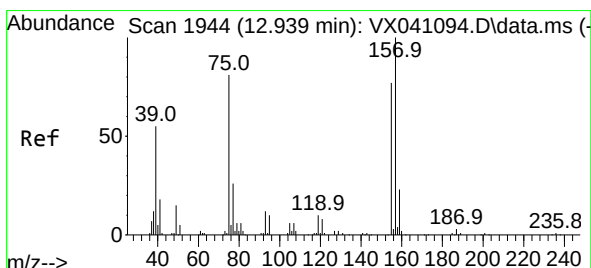
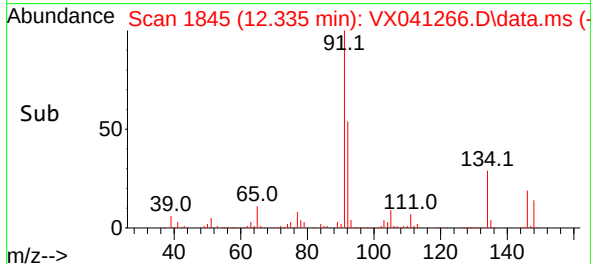
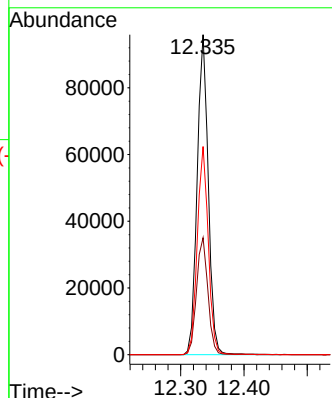
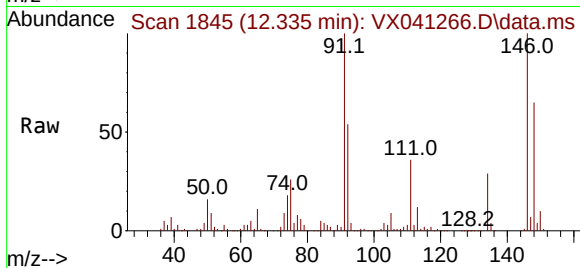
Tgt Ion:146 Resp: 117262
 Ion Ratio Lower Upper
 146 100
 111 37.4 22.4 67.0
 148 64.5 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 87.128 ug/l

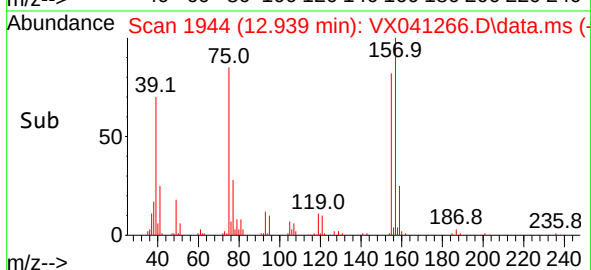
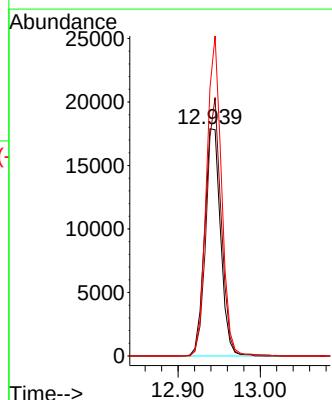
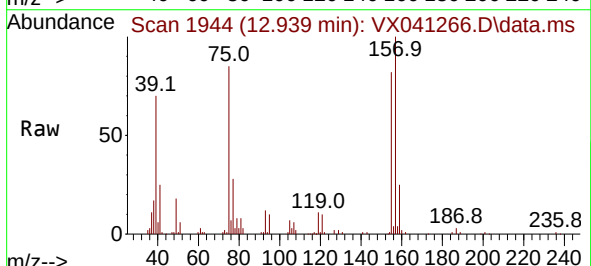
RT: 12.939 min Scan# 1944

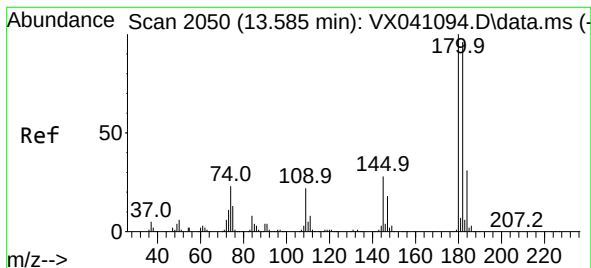
Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Tgt Ion: 75 Resp: 24235
 Ion Ratio Lower Upper
 75 100
 155 103.9 36.1 108.5
 157 131.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.652 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

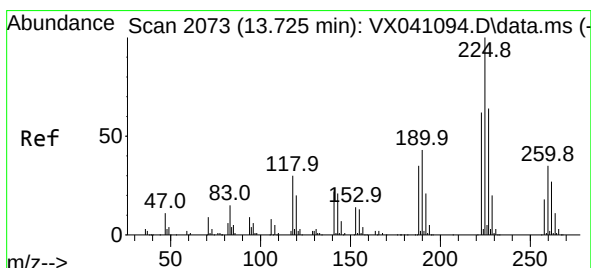
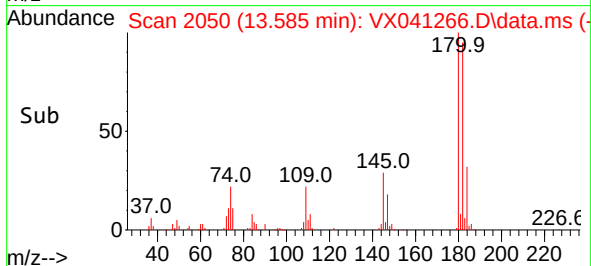
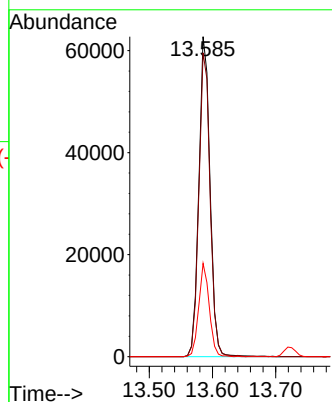
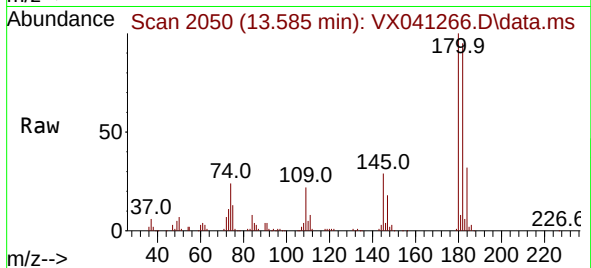
Tgt Ion:	180	Resp:	7729
Ion Ratio	Lower	Upper	
180	100		
182	95.3	48.3	144.8
145	27.5	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#94

Hexachlorobutadiene

Concen: 40.831 ug/l

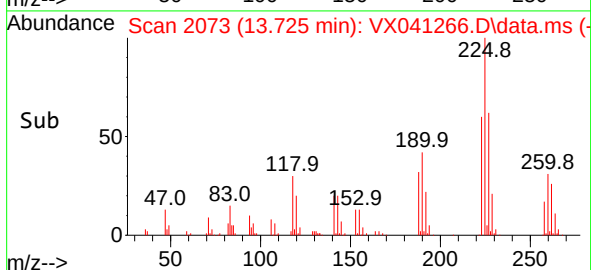
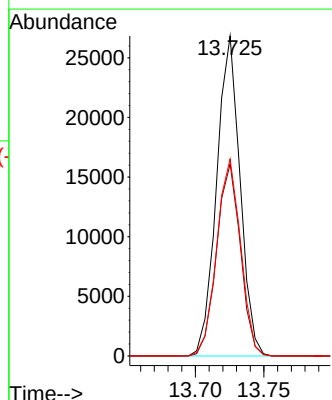
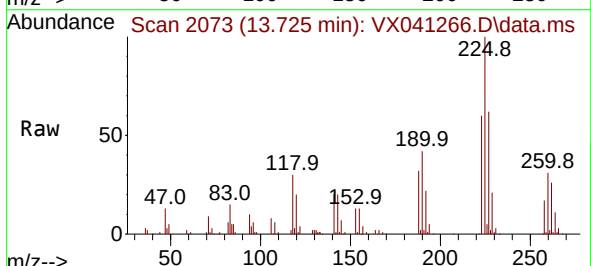
RT: 13.725 min Scan# 2073

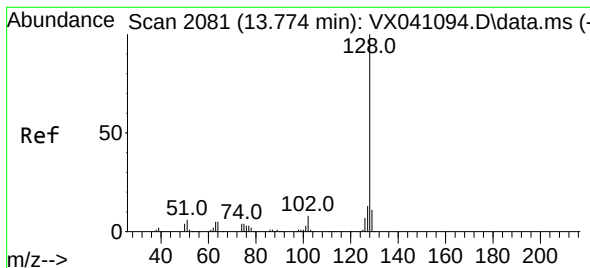
Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Tgt Ion:	225	Resp:	31833
Ion Ratio	Lower	Upper	
225	100		
223	60.8	31.1	93.2
227	63.1	32.5	97.5





#95

Naphthalene

Concen: 69.305 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

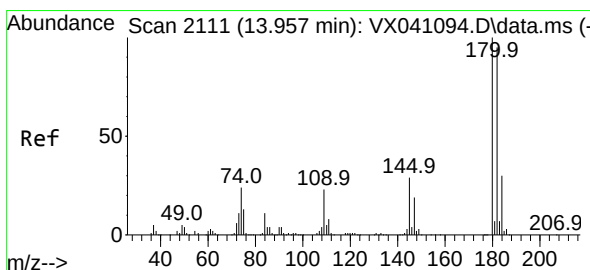
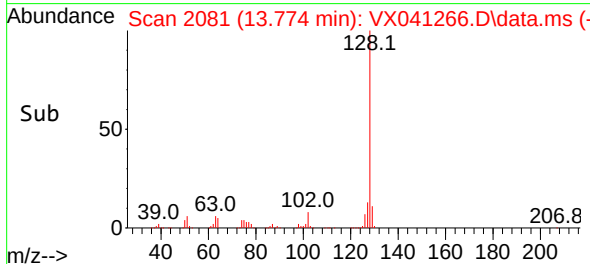
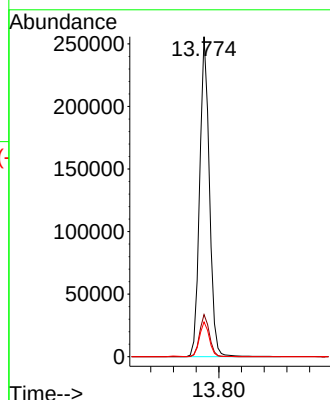
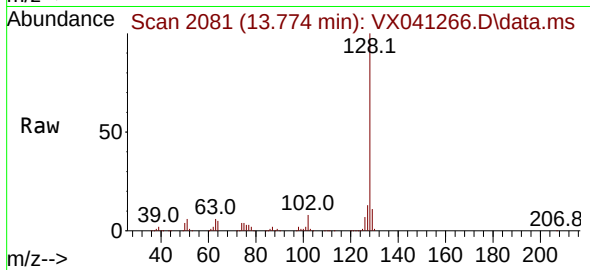
Tgt Ion:128 Resp: 303859
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.3 15.5
 129 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Mahesh Dadoda 04/29/2024



#96

1,2,3-Trichlorobenzene

Concen: 53.630 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041266.D

Acq: 26 Apr 2024 17:59

Tgt Ion:180 Resp: 86201
 Ion Ratio Lower Upper
 180 100
 182 96.0 46.9 140.6
 145 28.8 17.8 53.5

