

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041624\
 Data File : VX041094.D
 Acq On : 16 Apr 2024 10:34
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2024
 Supervised By : Mahesh Dadoda 04/17/2024

Quant Time: Apr 17 01:39:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 01:32:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	201892	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	278094	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	111027	50.936	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.880%			
35) Dibromofluoromethane	5.385	113	96721	52.065	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.120%			
50) Toluene-d8	8.647	98	339883	52.233	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.460%			
62) 4-Bromofluorobenzene	11.079	95	130540	52.847	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.700%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	78002	48.710	ug/l	99
3) Chloromethane	1.301	50	87034	48.904	ug/l	97
4) Vinyl Chloride	1.374	62	100845	49.438	ug/l	100
5) Bromomethane	1.599	94	65567	51.271	ug/l	99
6) Chloroethane	1.685	64	66459	49.361	ug/l	98
7) Trichlorofluoromethane	1.886	101	159520	49.823	ug/l	100
8) Diethyl Ether	2.136	74	61453	48.910	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	90017	48.364	ug/l	87
10) Methyl Iodide	2.453	142	102751	52.552	ug/l	91
11) Tert butyl alcohol	2.959	59	108589	254.650	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	87064	48.861	ug/l	87
13) Acrolein	2.239	56	138724	258.676	ug/l	99
14) Allyl chloride	2.666	41	147980	51.350	ug/l	95
15) Acrylonitrile	3.062	53	275316	260.763	ug/l	99
16) Acetone	2.380	43	229773	250.793	ug/l	93
17) Carbon Disulfide	2.514	76	191753	47.275	ug/l	99
18) Methyl Acetate	2.703	43	118849	51.960	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	288407	52.366	ug/l	98
20) Methylene Chloride	2.788	84	95481	48.840	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	90330	49.420	ug/l	87
22) Diisopropyl ether	3.764	45	289365	52.431	ug/l	90
23) Vinyl Acetate	3.721	43	1350740	270.059	ug/l	96
24) 1,1-Dichloroethane	3.611	63	164052	50.770	ug/l	97
25) 2-Butanone	4.556	43	380819	264.549	ug/l	95
26) 2,2-Dichloropropane	4.477	77	130715	50.964	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	110644	50.107	ug/l	89
28) Bromochloromethane	4.897	49	68350	54.734	ug/l	# 74
29) Tetrahydrofuran	5.001	42	250568	262.930	ug/l	94
30) Chloroform	5.099	83	176757	50.341	ug/l	100
31) Cyclohexane	5.471	56	129607	48.000	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	155418	50.437	ug/l	98
36) 1,1-Dichloropropene	5.696	75	115419	49.074	ug/l	95
37) Ethyl Acetate	4.715	43	146884	52.296	ug/l	99
38) Carbon Tetrachloride	5.678	117	137420	50.390	ug/l	99
39) Methylcyclohexane	7.379	83	147391	49.944	ug/l	92
40) Benzene	6.038	78	363441	50.622	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	81332	55.254	ug/l	95
42) 1,2-Dichloroethane	6.086	62	131665	51.179	ug/l	95
43) Isopropyl Acetate	6.336	43	221972	53.220	ug/l	97
44) Trichloroethene	7.123	130	104038	48.789	ug/l	86
45) 1,2-Dichloropropane	7.428	63	89624	52.573	ug/l	99
46) Dibromomethane	7.580	93	69648	51.961	ug/l #	76
47) Bromodichloromethane	7.824	83	138123	52.940	ug/l	97
48) Methyl methacrylate	7.690	41	113066	55.538	ug/l	93
49) 1,4-Dioxane	7.659	88	54190	1139.104	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	771343	272.235	ug/l	97
52) Toluene	8.720	92	243670	51.993	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	135535	54.161	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	148634	54.064	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	99299	52.770	ug/l	98
56) Ethyl methacrylate	9.116	69	155320	51.083	ug/l	95
57) 1,3-Dichloropropane	9.305	76	160607	52.379	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	362534	273.942	ug/l	92
59) 2-Hexanone	9.427	43	600495	273.971	ug/l	95
60) Dibromochloromethane	9.519	129	123731	54.361	ug/l	99
61) 1,2-Dibromoethane	9.610	107	106461	51.794	ug/l	100
64) Tetrachloroethene	9.275	164	102577	49.192	ug/l	92
65) Chlorobenzene	10.079	112	286671	49.493	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	105055	53.019	ug/l	98
67) Ethyl Benzene	10.195	91	464848	51.430	ug/l	97
68) m/p-Xylenes	10.299	106	375512	104.453	ug/l	91
69) o-Xylene	10.640	106	183186	52.346	ug/l	92
70) Styrene	10.653	104	318899	53.666	ug/l	94
71) Bromoform	10.799	173	101695	54.491	ug/l #	99
73) Isopropylbenzene	10.963	105	476526	52.203	ug/l	96
74) N-amyl acetate	10.842	43	201143	55.547	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	156049	52.097	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	130373m	51.697	ug/l	
77) Bromobenzene	11.195	156	138068	51.520	ug/l	77
78) n-propylbenzene	11.305	91	540084	52.760	ug/l	96
79) 2-Chlorotoluene	11.366	91	321869	51.579	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	402765	52.968	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	47933	49.181	ug/l	93
82) 4-Chlorotoluene	11.451	91	377952	52.017	ug/l	91
83) tert-Butylbenzene	11.713	119	429659	52.981	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	406511	53.568	ug/l	94
85) sec-Butylbenzene	11.890	105	511862	52.603	ug/l	95
86) p-Isopropyltoluene	12.006	119	458082	53.044	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	256717	50.779	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	259692	48.708	ug/l	95
89) n-Butylbenzene	12.329	91	391229	53.398	ug/l	97
90) Hexachloroethane	12.536	117	77561	53.038	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	255328	50.894	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36001	55.413	ug/l #	55
93) 1,2,4-Trichlorobenzene	13.585	180	195946	51.968	ug/l	96
94) Hexachlorobutadiene	13.725	225	93631	52.091	ug/l	98
95) Naphthalene	13.774	128	562284	55.213	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	194093	51.843	ug/l	95

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VSTDICCC050

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Apr 17 01:32:05 2024
Response via : Initial Calibration

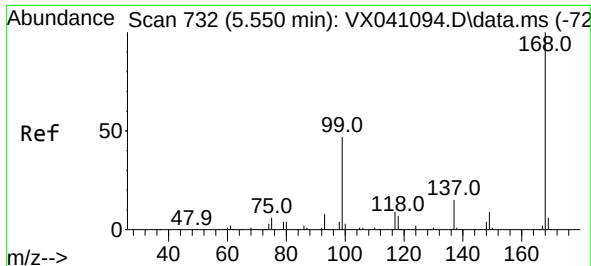
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

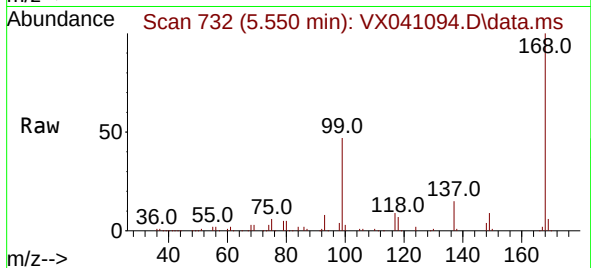
Quant Time: Apr 17 01:39:35 2024
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

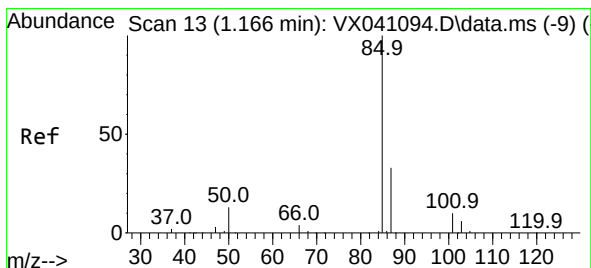
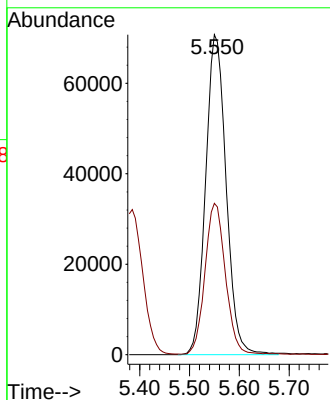
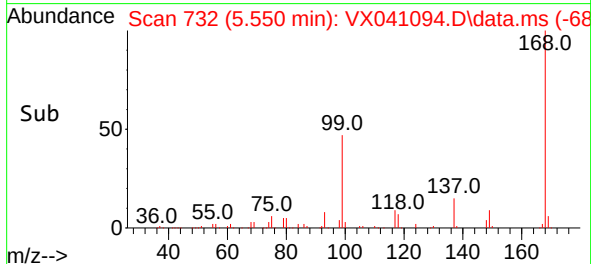
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 201892
Ion Ratio Lower Upper
168 100
99 47.1 56.6 85.0

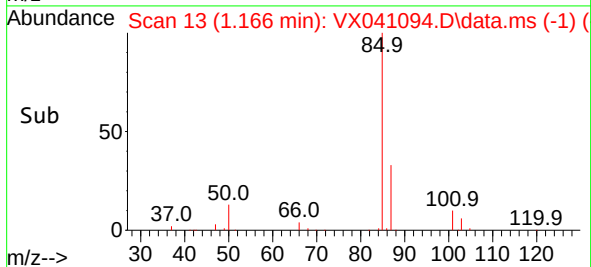
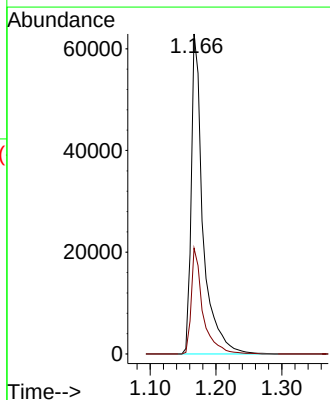
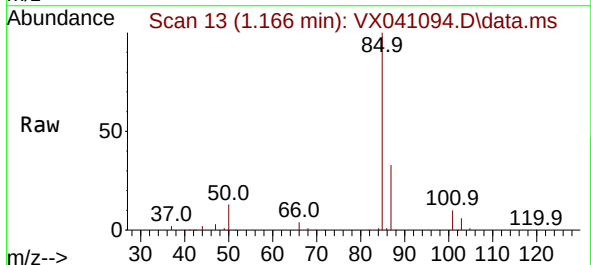
Manual Integrations
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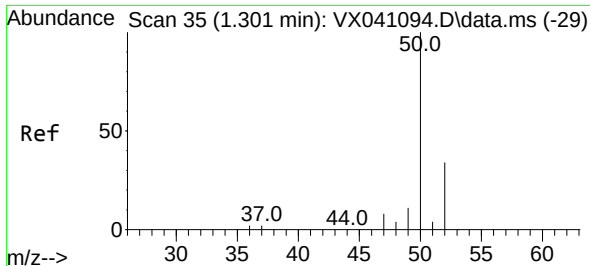
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#2
Dichlorodifluoromethane
Concen: 48.710 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

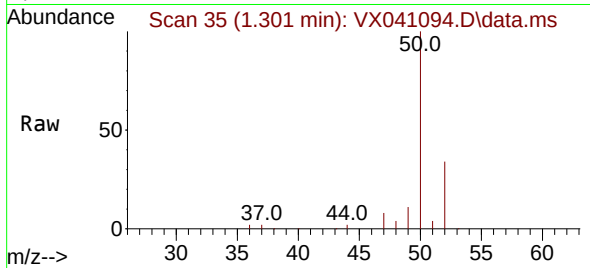
Tgt Ion: 85 Resp: 78002
Ion Ratio Lower Upper
85 100
87 33.1 16.7 50.1





#3
Chloromethane
Concen: 48.904 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

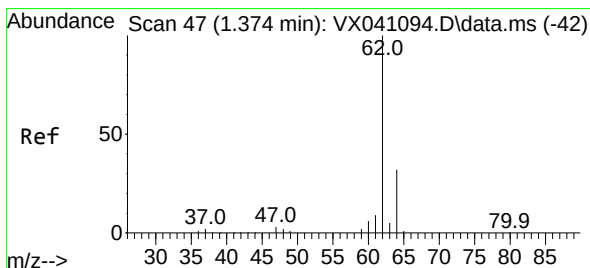
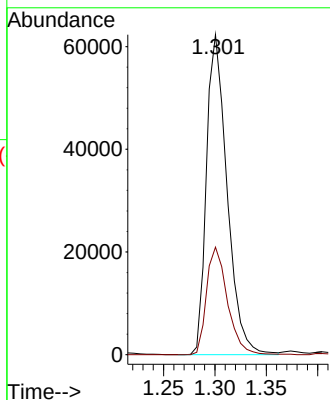
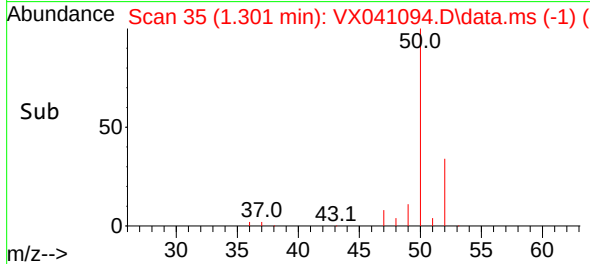
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



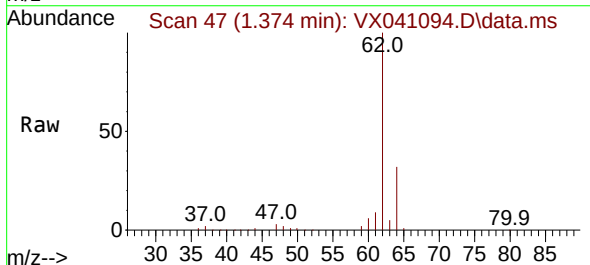
Tgt Ion: 50 Resp: 87034
Ion Ratio Lower Upper
50 100
52 33.6 25.5 38.3

Manual Integrations
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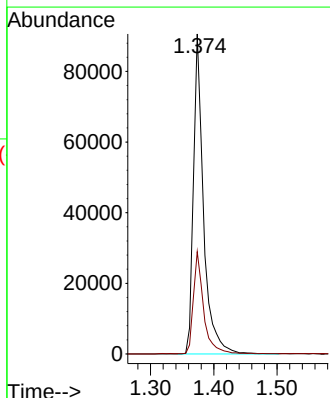
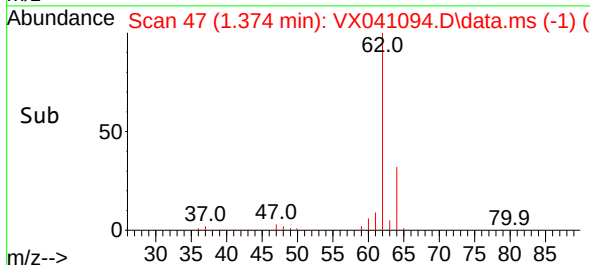
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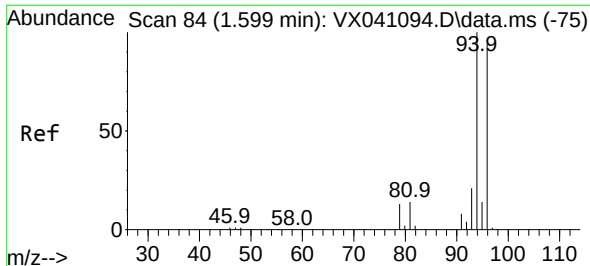


#4
Vinyl Chloride
Concen: 49.438 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34



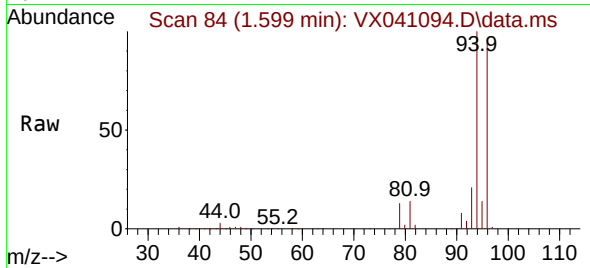
Tgt Ion: 62 Resp: 100845
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0





#5
Bromomethane
Concen: 51.271 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

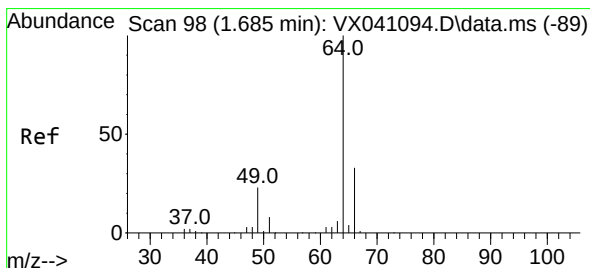
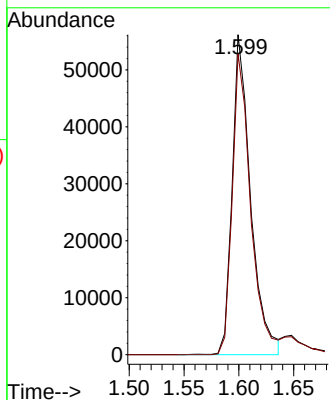
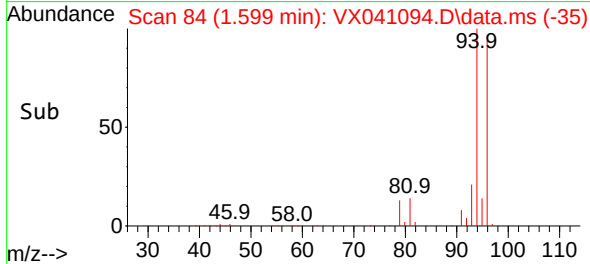
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 6556
Ion Ratio Lower Upper
94 100
96 94.0 74.6 111.8

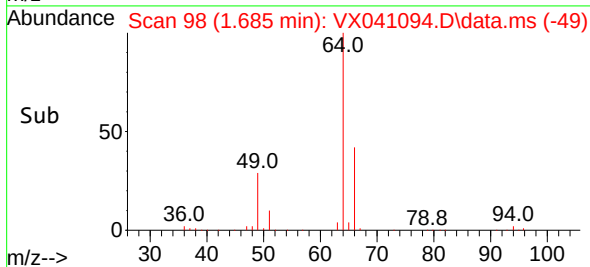
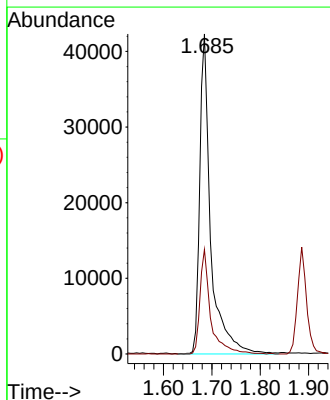
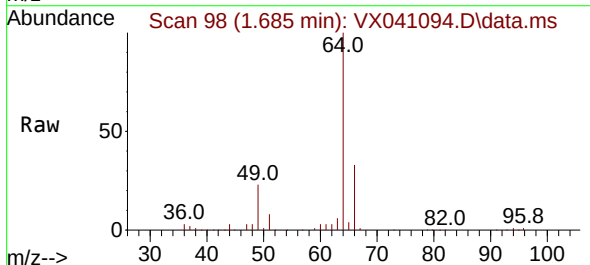
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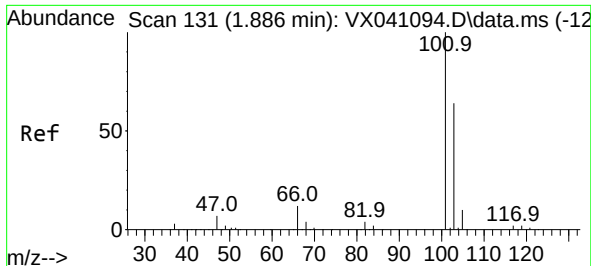
Reviewed By :John Carlone 04/17/2024
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#6
Chloroethane
Concen: 49.361 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX041094.D
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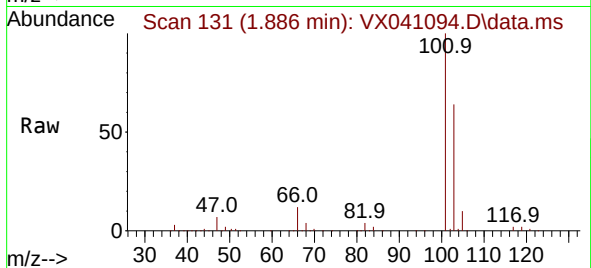
Tgt Ion: 64 Resp: 66459
Ion Ratio Lower Upper
64 100
66 32.6 25.1 37.7





#7
Trichlorofluoromethane
Concen: 49.823 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

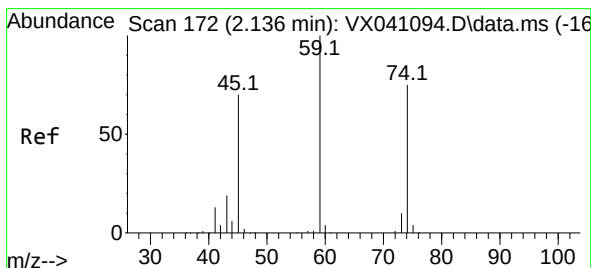
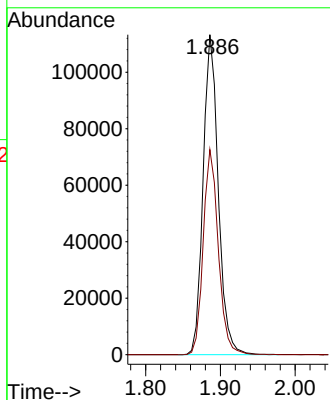
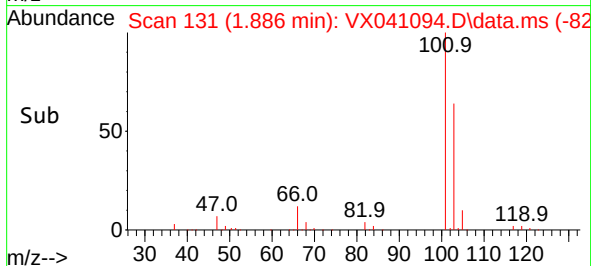
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 159520
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

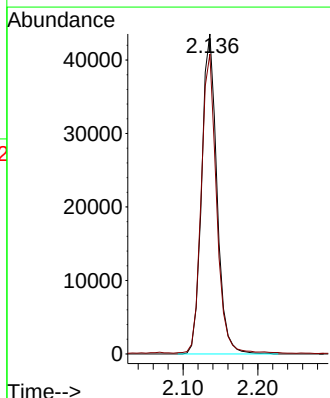
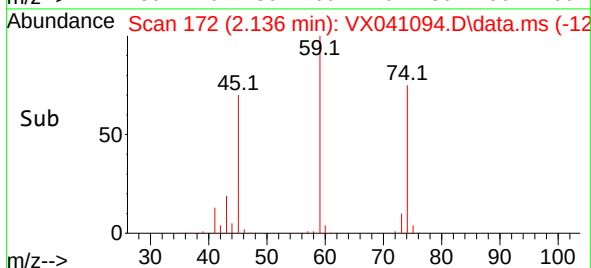
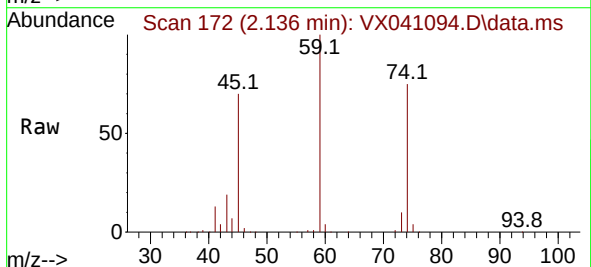
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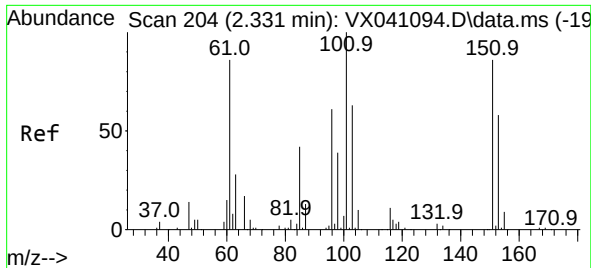
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#8
Diethyl Ether
Concen: 48.910 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

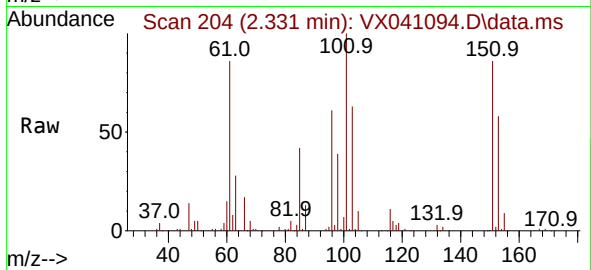
Tgt Ion: 74 Resp: 61453
Ion Ratio Lower Upper
74 100
45 94.0 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.364 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

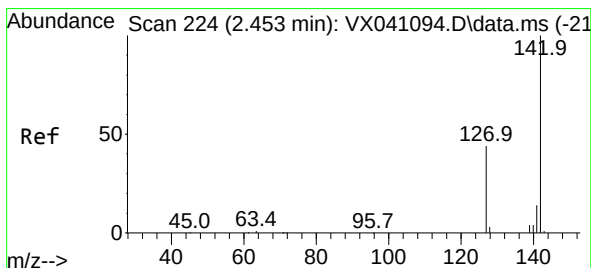
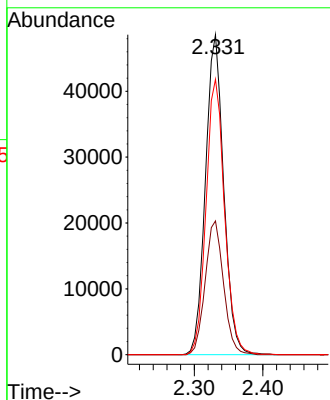
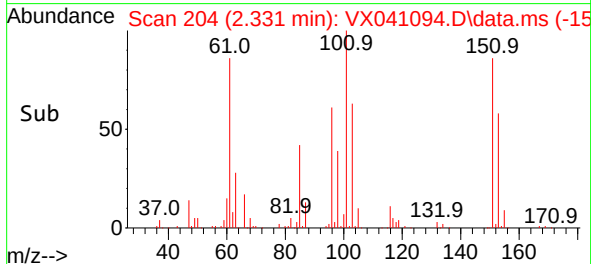
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 9001
Ion Ratio Lower Upper
101 100
85 42.1 37.0 55.6
151 87.4 58.6 87.8

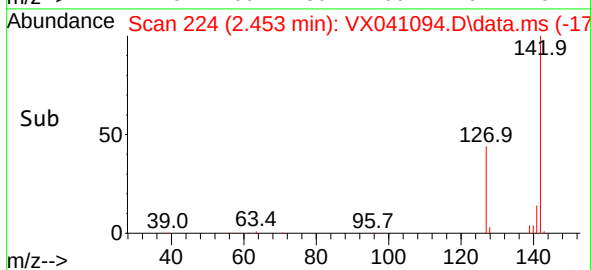
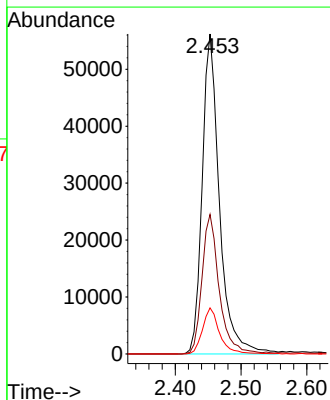
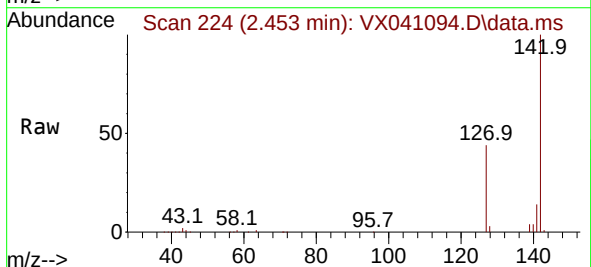
Manual Integrations
APPROVED

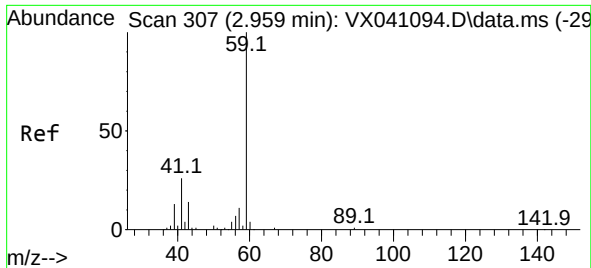
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#10
Methyl Iodide
Concen: 52.552 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

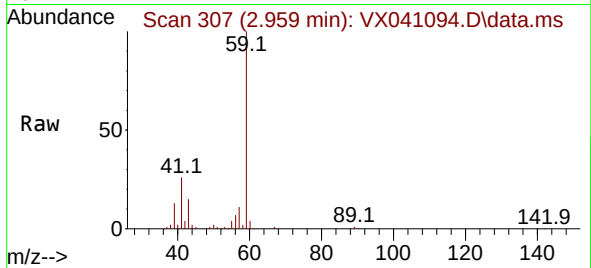
Tgt Ion:142 Resp: 102751
Ion Ratio Lower Upper
142 100
127 43.6 41.6 62.4
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 254.650 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

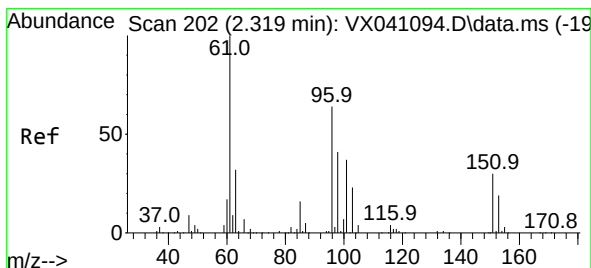
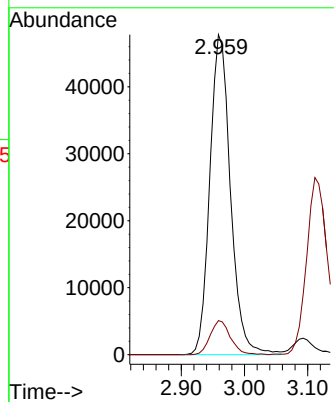
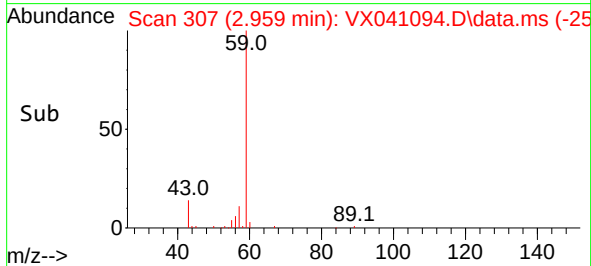
Instrument :
MSVOA_X
Client Sample Id :
VSTDICCC050



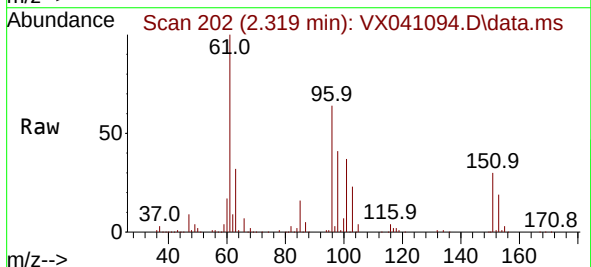
Tgt Ion: 59 Resp: 108589
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0

Manual Integrations
APPROVED

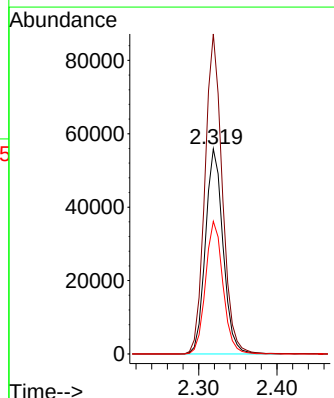
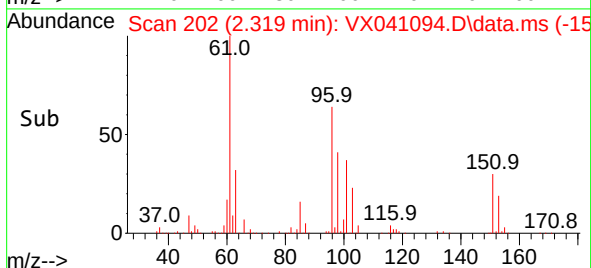
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

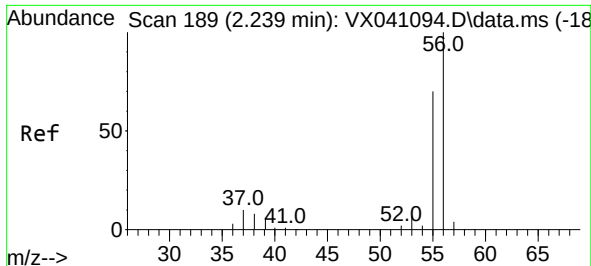


#12
1,1-Dichloroethene
Concen: 48.861 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34



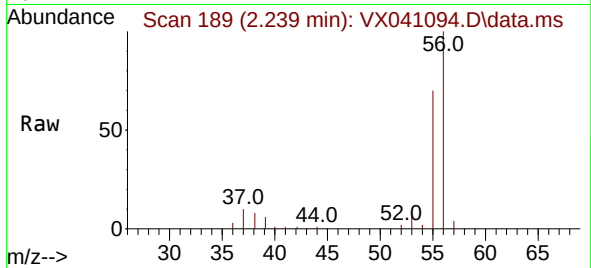
Tgt Ion: 96 Resp: 87064
Ion Ratio Lower Upper
96 100
61 156.0 144.6 216.8
98 64.7 50.4 75.6





#13
Acrolein
Concen: 258.676 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

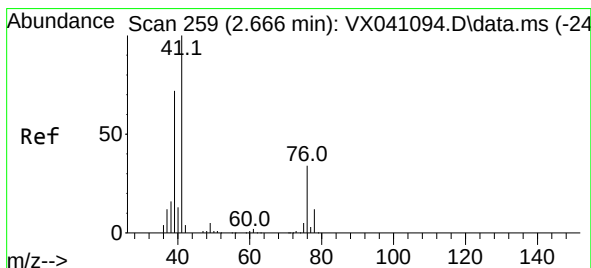
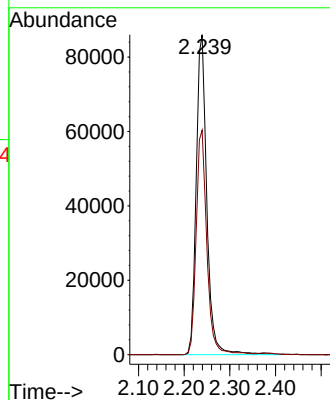
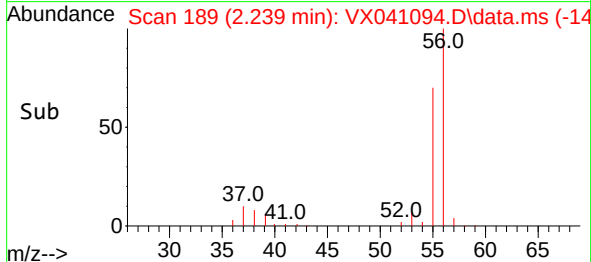
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 138724
Ion Ratio Lower Upper
56 100
55 70.7 57.1 85.7

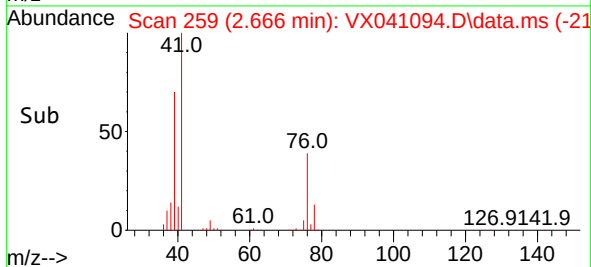
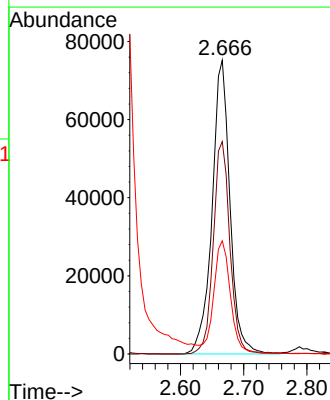
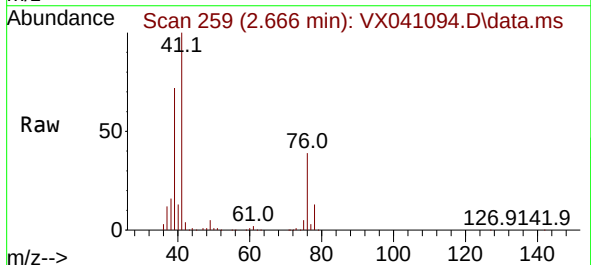
Manual Integrations
APPROVED

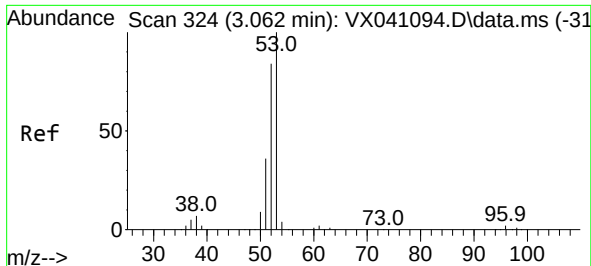
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#14
Allyl chloride
Concen: 51.350 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

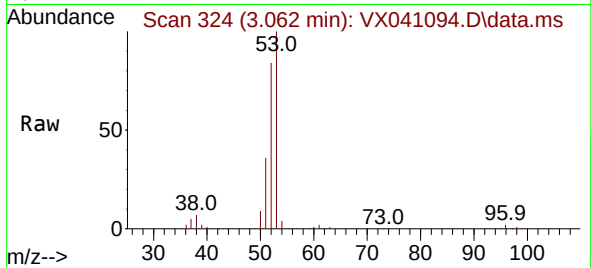
Tgt Ion: 41 Resp: 147980
Ion Ratio Lower Upper
41 100
39 67.3 55.8 83.6
76 36.1 24.3 36.5





#15
Acrylonitrile
Concen: 260.763 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

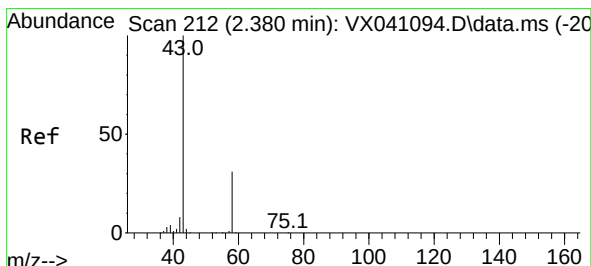
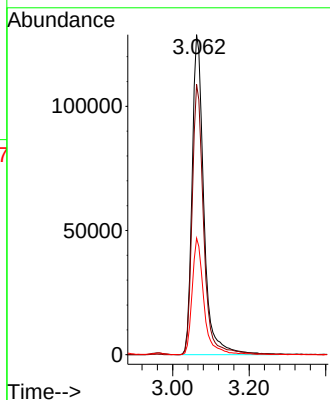
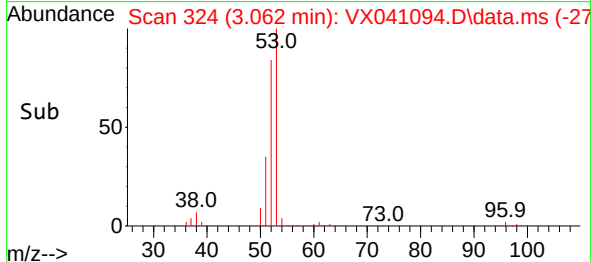
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 275310
Ion Ratio Lower Upper
53 100
52 83.0 66.0 99.0
51 36.6 29.8 44.6

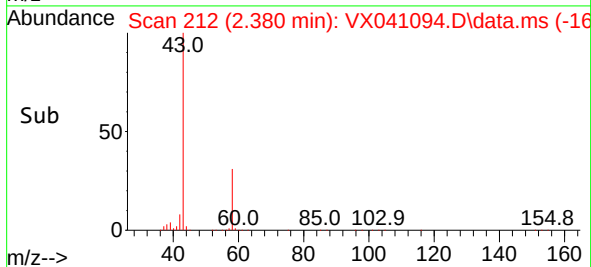
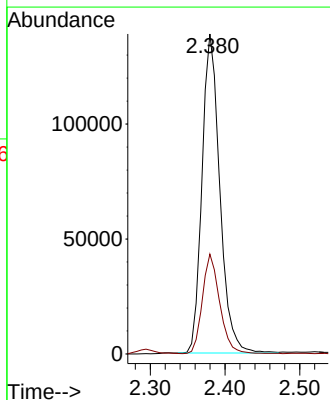
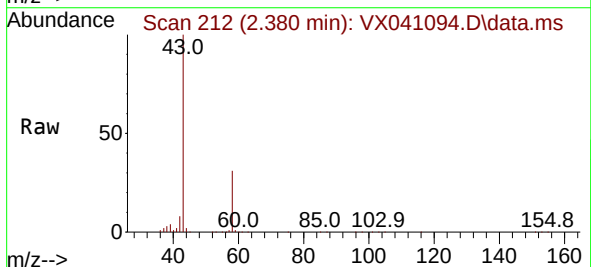
Manual Integrations
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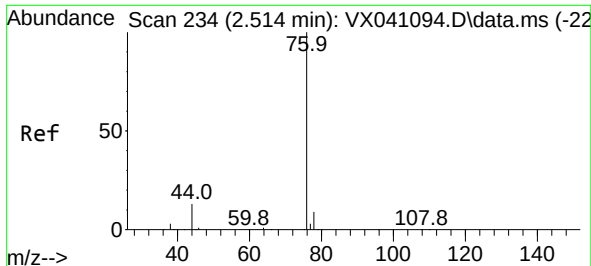
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#16
Acetone
Concen: 250.793 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

Tgt Ion: 43 Resp: 229773
Ion Ratio Lower Upper
43 100
58 31.1 21.9 32.9





#17

Carbon Disulfide

Concen: 47.275 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 19175

Ion Ratio Lower Upper

76 100

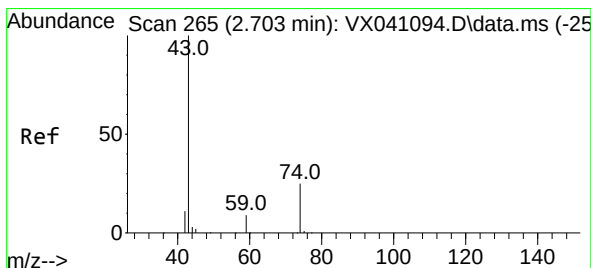
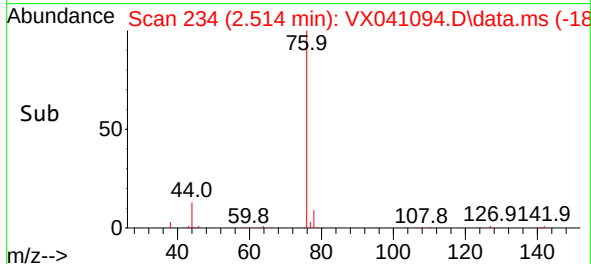
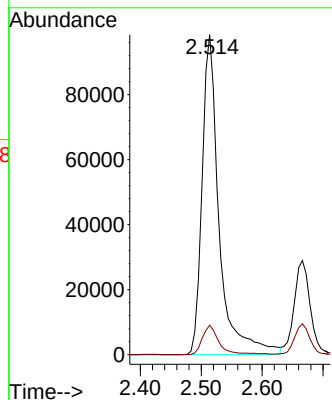
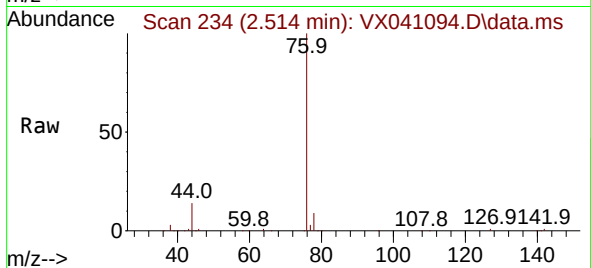
78 9.2 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#18

Methyl Acetate

Concen: 51.960 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX041094.D

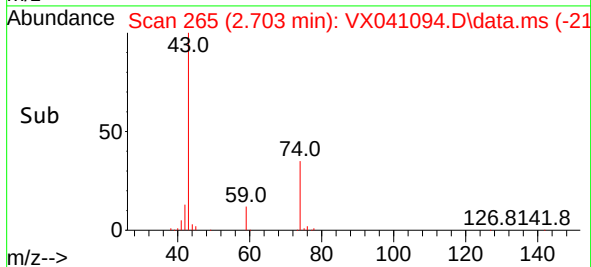
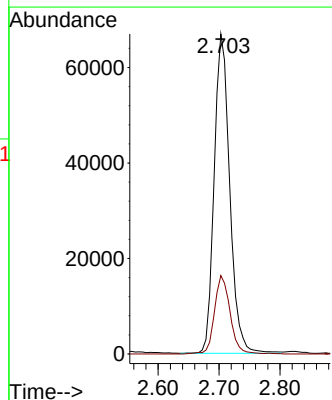
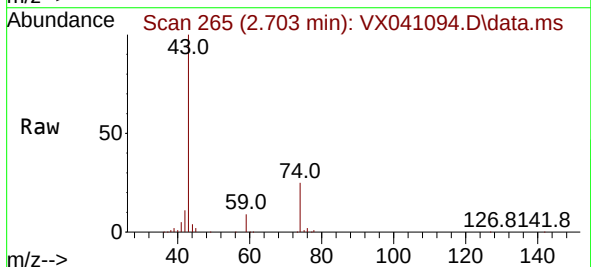
Acq: 16 Apr 2024 10:34

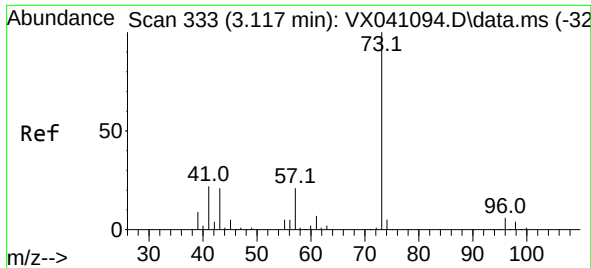
Tgt Ion: 43 Resp: 118849

Ion Ratio Lower Upper

43 100

74 24.5 17.8 26.8





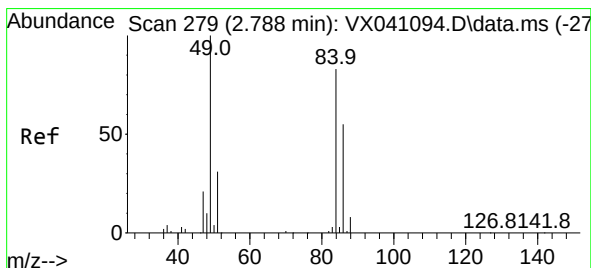
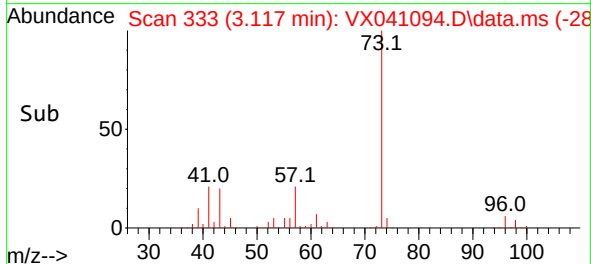
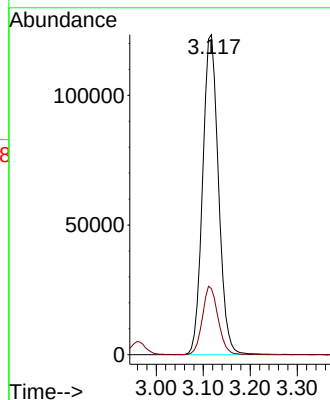
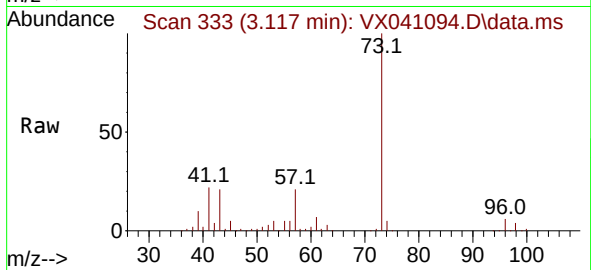
#19
Methyl tert-butyl Ether
Concen: 52.366 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 28840
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9

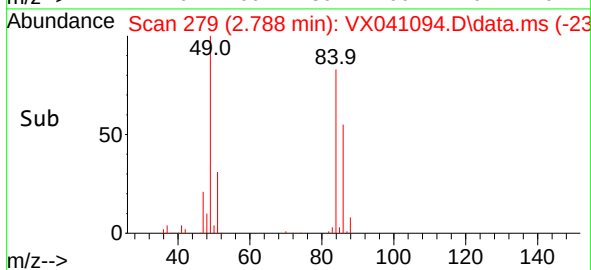
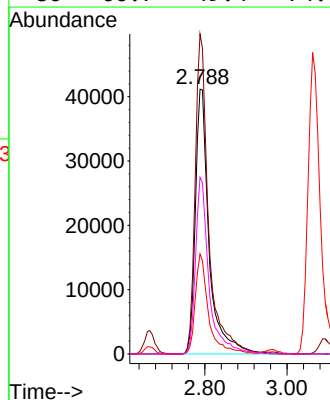
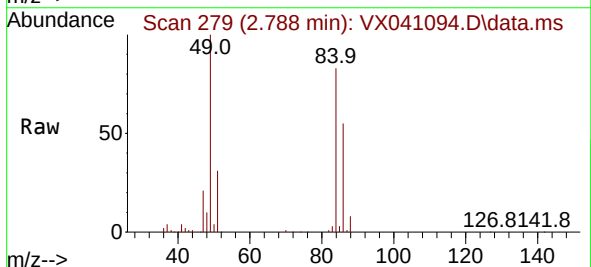
Manual Integrations
APPROVED

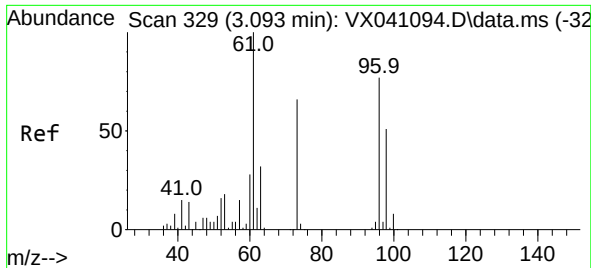
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#20
Methylene Chloride
Concen: 48.840 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

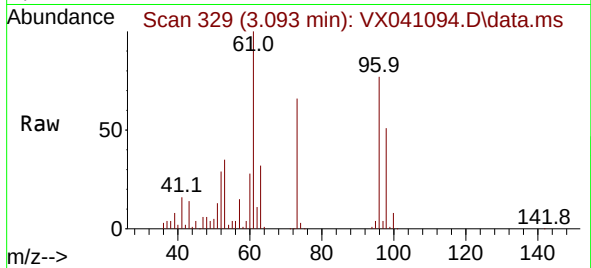
Tgt Ion: 84 Resp: 95481
Ion Ratio Lower Upper
84 100
49 120.8 103.6 155.4
51 37.8 33.8 50.6
86 66.7 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.420 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

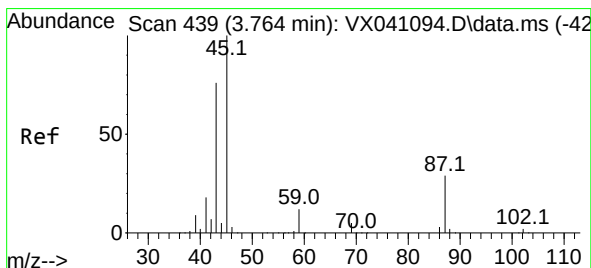
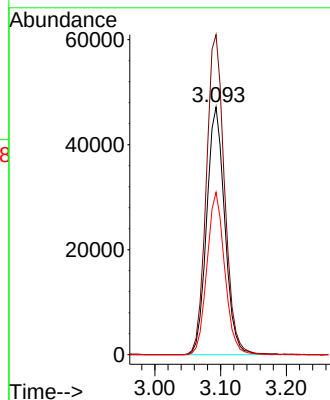
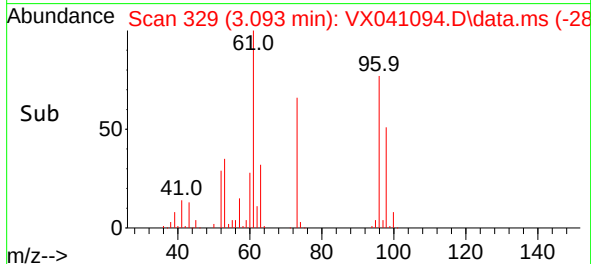
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 90330
Ion Ratio Lower Upper
96 100
61 129.2 119.2 178.8
98 65.6 48.7 73.1

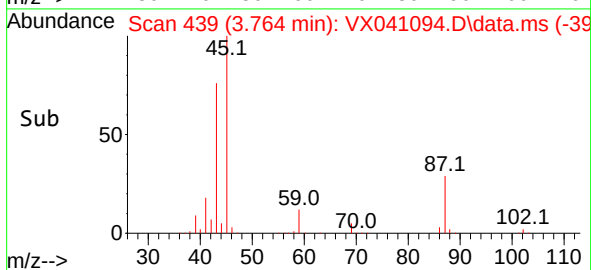
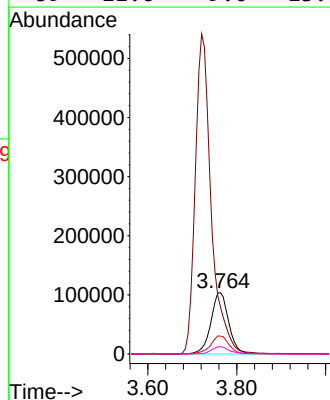
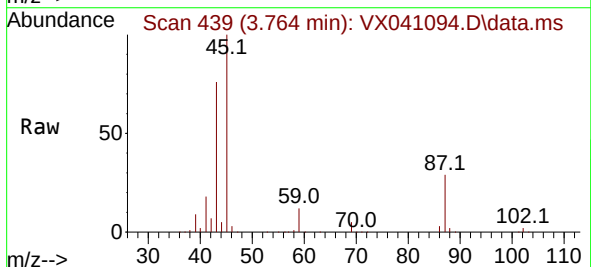
Manual Integrations
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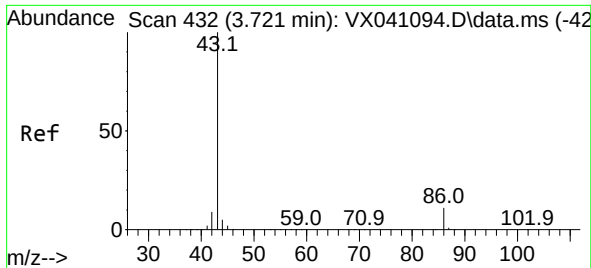
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#22
Diisopropyl ether
Concen: 52.431 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

Tgt Ion: 45 Resp: 289365
Ion Ratio Lower Upper
45 100
43 76.2 69.7 104.5
87 29.0 20.8 31.2
59 11.6 9.0 13.4





#23

Vinyl Acetate

Concen: 270.059 ug/l

RT: 3.721 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 1350740

Ion Ratio Lower Upper

43 100

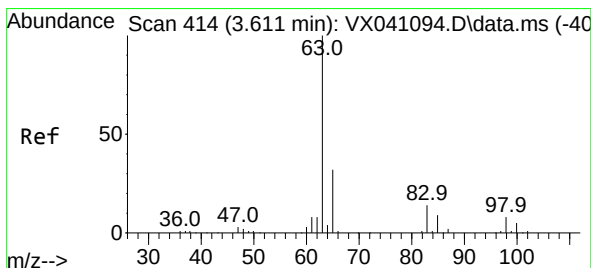
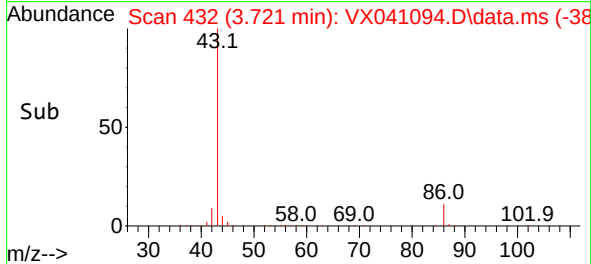
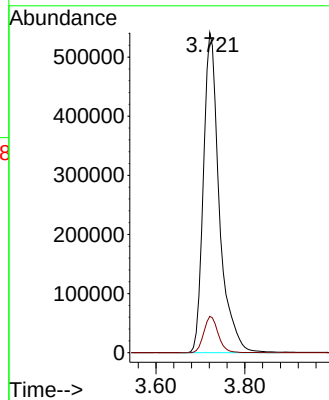
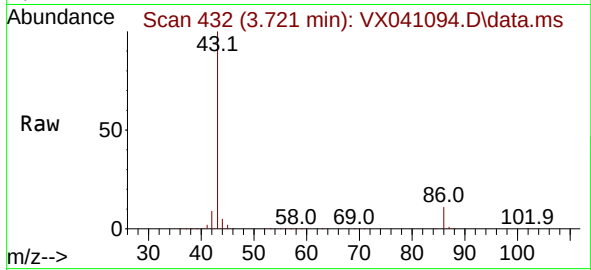
86 11.3 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#24

1,1-Dichloroethane

Concen: 50.770 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

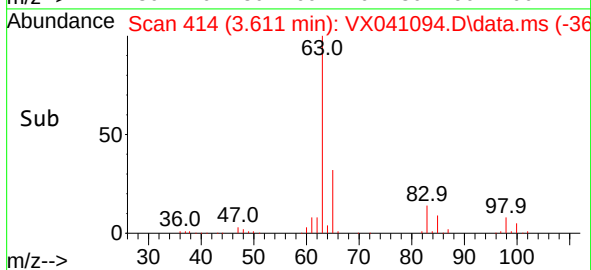
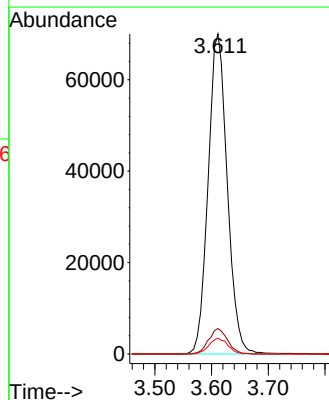
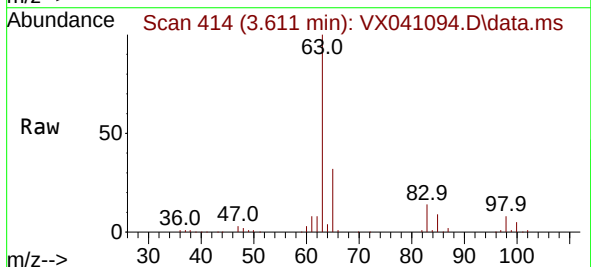
Tgt Ion: 63 Resp: 164052

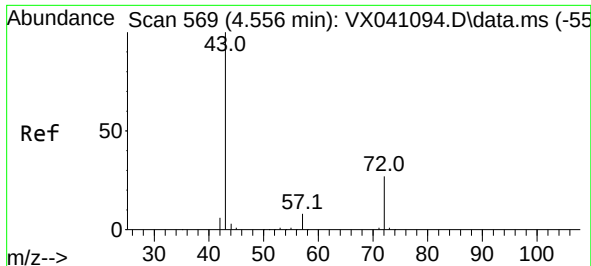
Ion Ratio Lower Upper

63 100

98 8.0 3.3 9.8

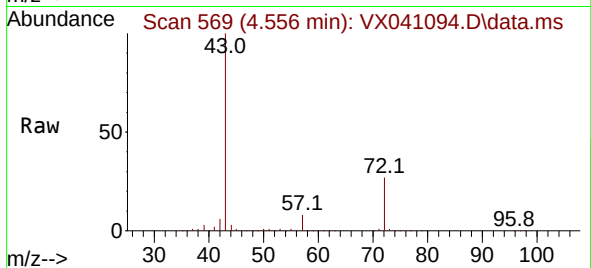
100 5.0 2.1 6.5





#25
2-Butanone
Concen: 264.549 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

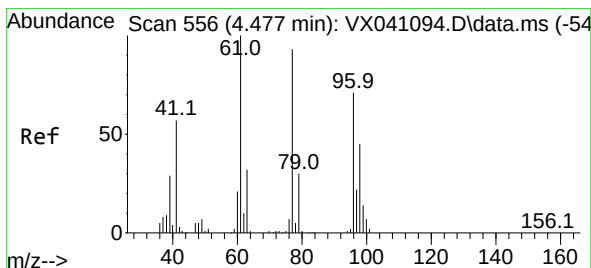
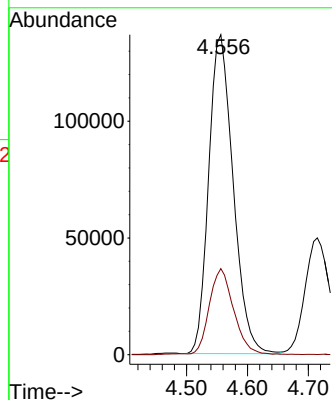
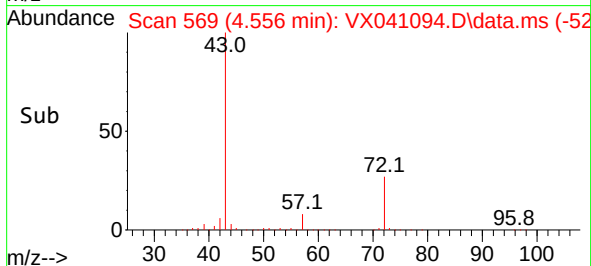
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 380819
Ion Ratio Lower Upper
43 100
72 26.9 19.4 29.2

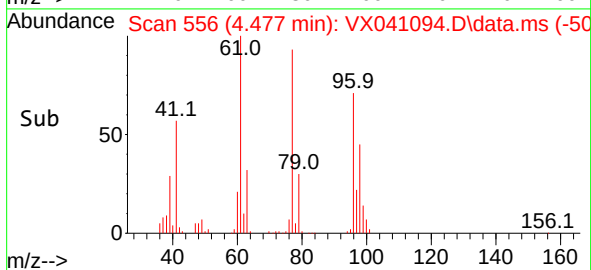
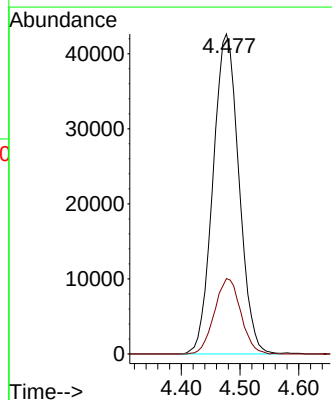
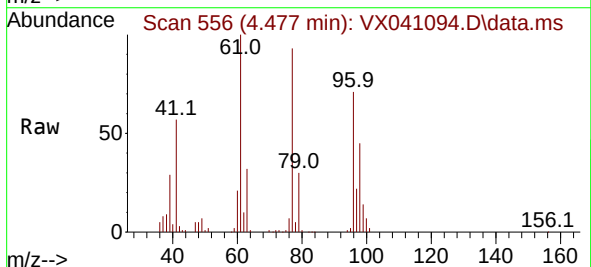
Manual Integrations
APPROVED

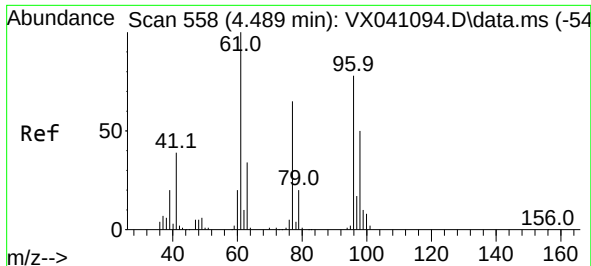
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#26
2,2-Dichloropropane
Concen: 50.964 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

Tgt Ion: 77 Resp: 130715
Ion Ratio Lower Upper
77 100
97 23.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.107 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 110644

Ion Ratio Lower Upper

96 100

61 136.4 0.0 312.2

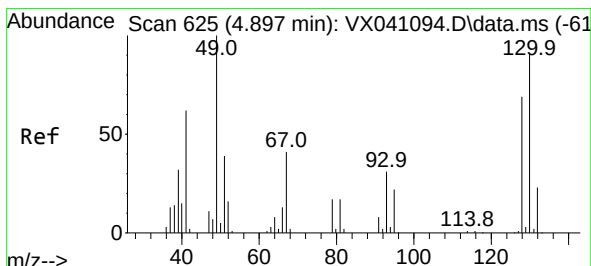
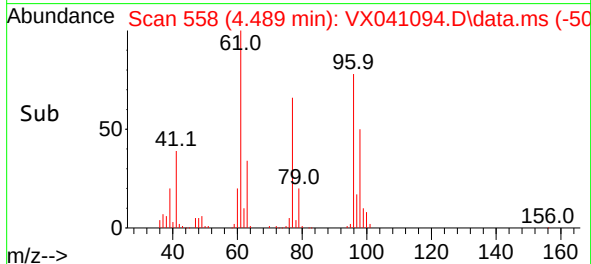
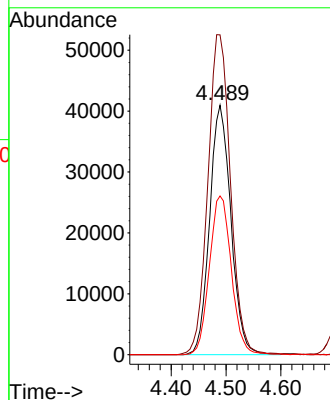
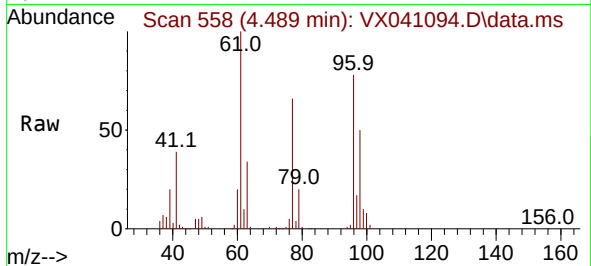
98 65.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#28

Bromochloromethane

Concen: 54.734 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

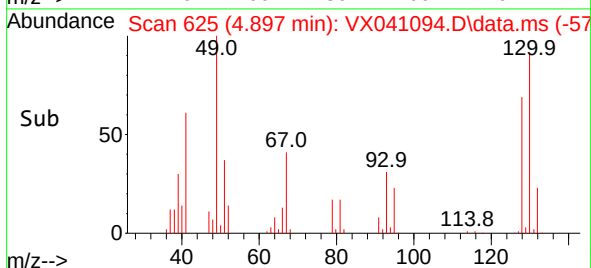
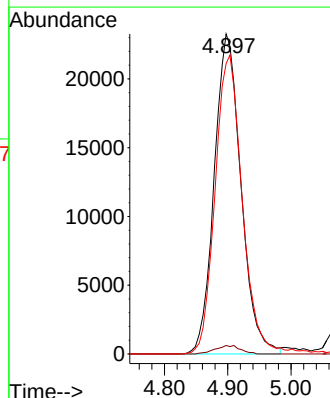
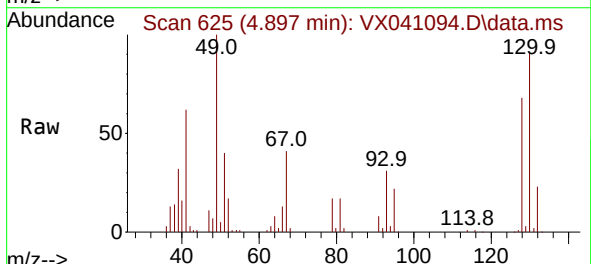
Tgt Ion: 49 Resp: 68350

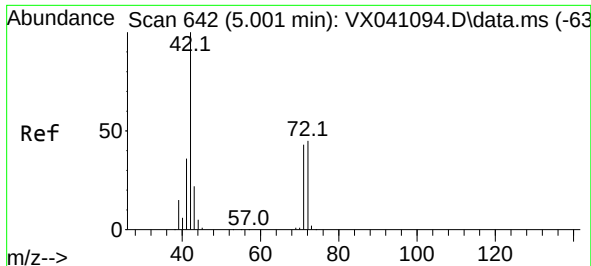
Ion Ratio Lower Upper

49 100

129 2.5 0.0 3.8

130 94.4 57.5 86.3#





#29

Tetrahydrofuran

Concen: 262.930 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 25056

Ion Ratio Lower Upper

42 100

72 46.6 34.2 51.4

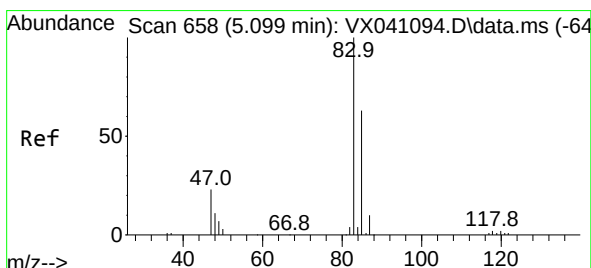
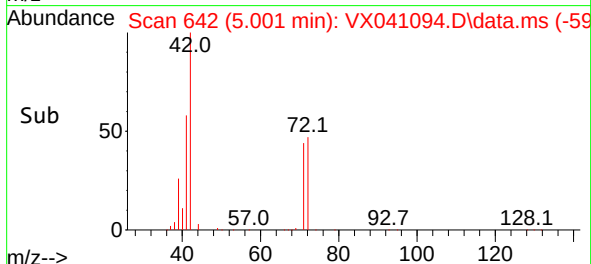
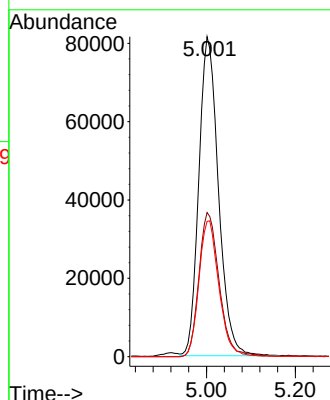
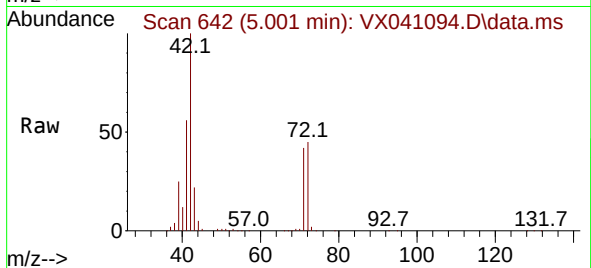
71 43.3 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#30

Chloroform

Concen: 50.341 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX041094.D

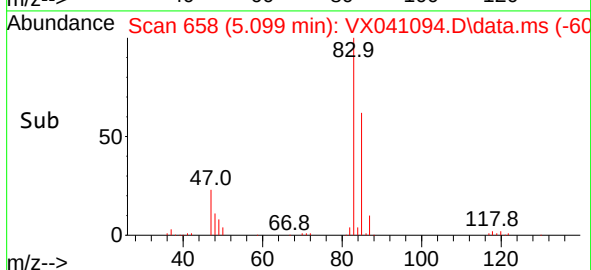
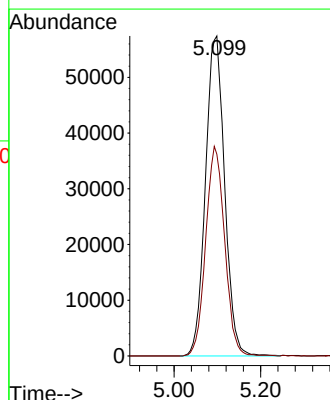
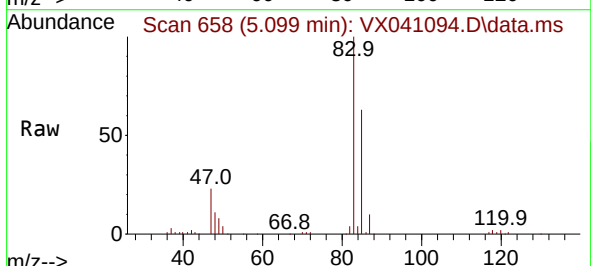
Acq: 16 Apr 2024 10:34

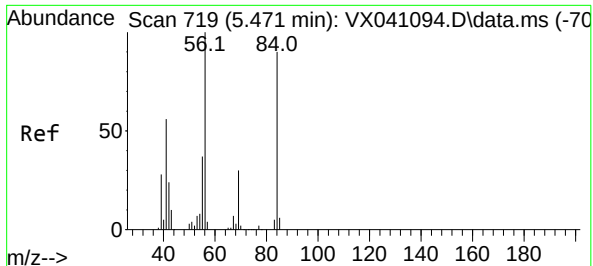
Tgt Ion: 83 Resp: 176757

Ion Ratio Lower Upper

83 100

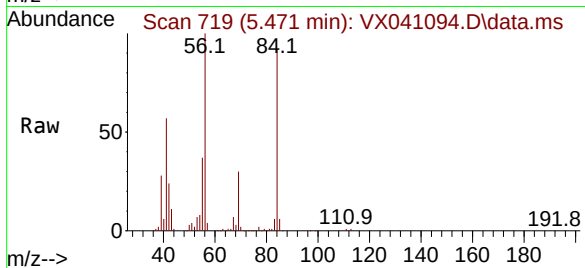
85 63.1 50.3 75.5





#31
Cyclohexane
Concen: 48.000 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

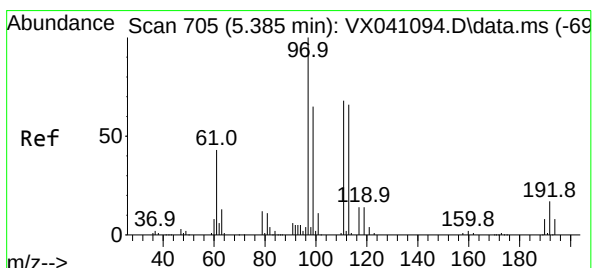
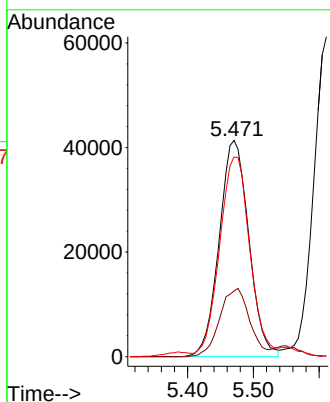
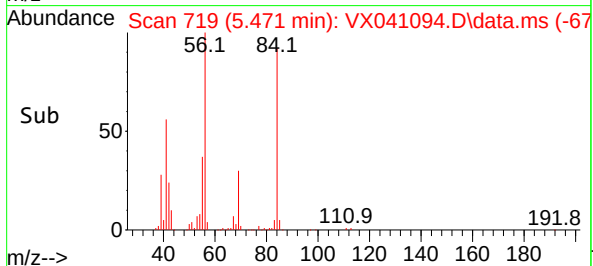
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



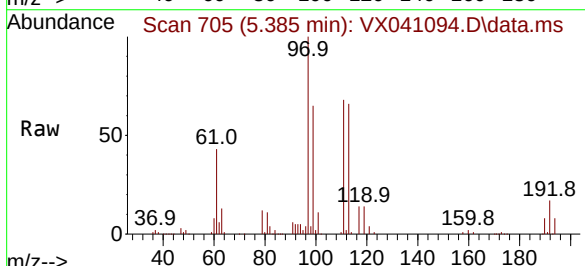
Tgt Ion: 56 Resp: 12960
Ion Ratio Lower Upper
56 100
69 30.3 23.4 35.2
84 90.1 65.9 98.9

Manual Integrations
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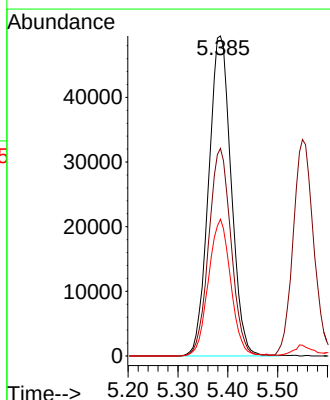
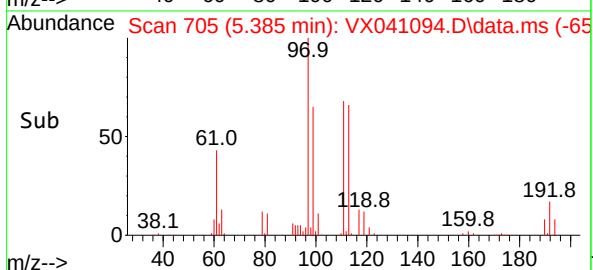
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

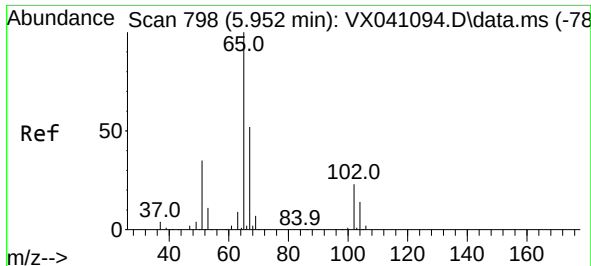


#32
1,1,1-Trichloroethane
Concen: 50.437 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34



Tgt Ion: 97 Resp: 155418
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 42.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.936 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 11102

Ion Ratio Lower Upper

65 100

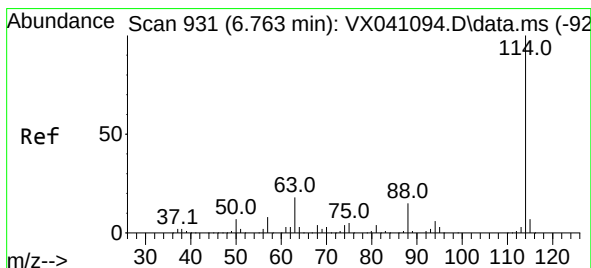
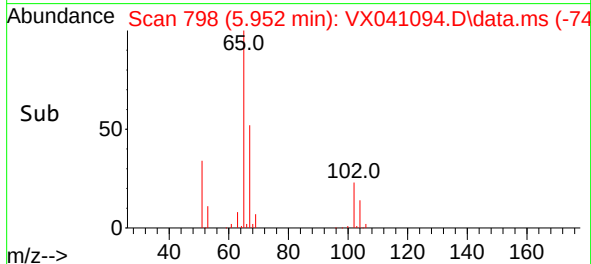
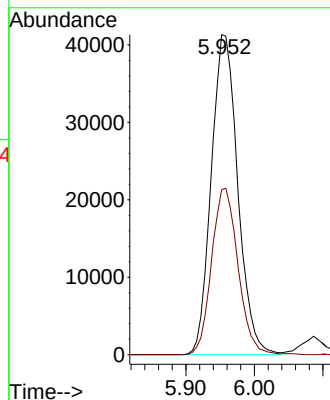
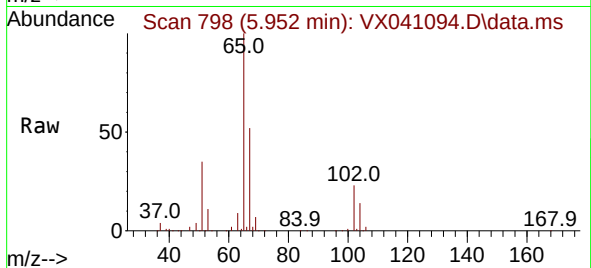
67 51.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

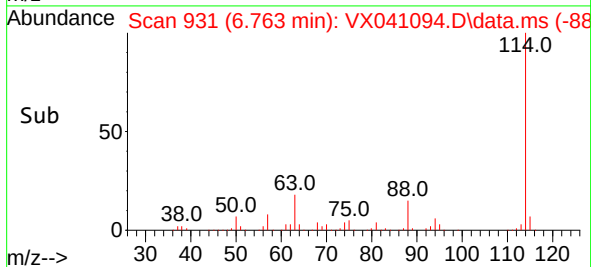
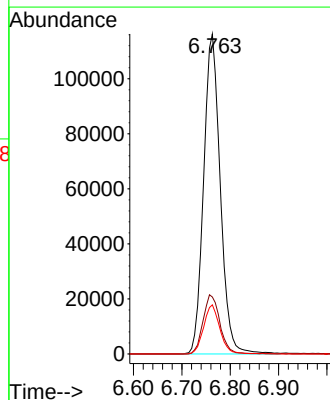
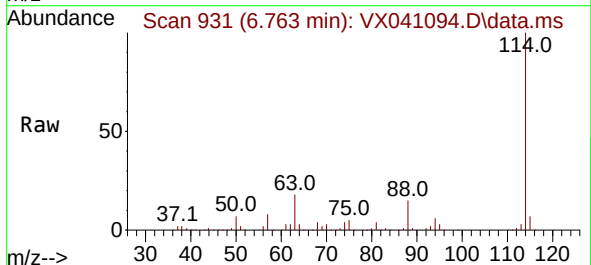
Tgt Ion:114 Resp: 278094

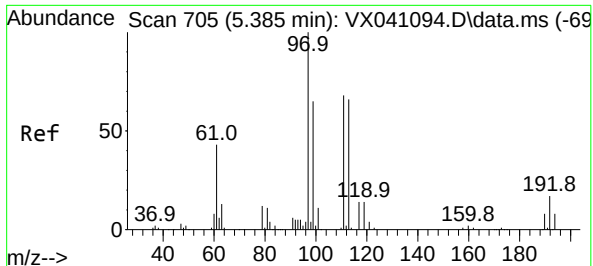
Ion Ratio Lower Upper

114 100

63 17.8 0.0 45.0

88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 52.065 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 9672

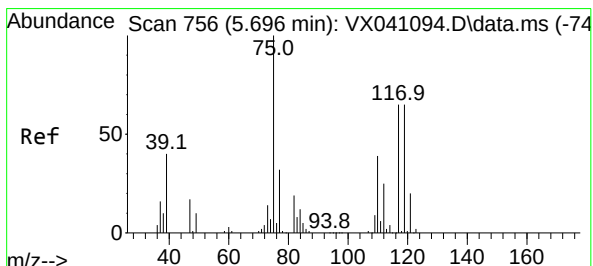
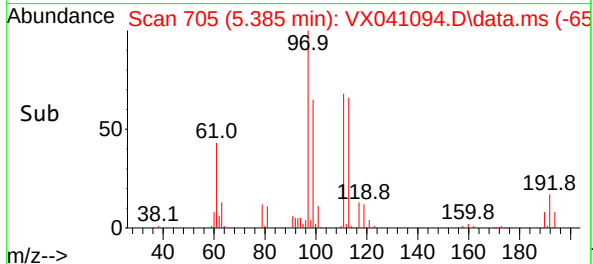
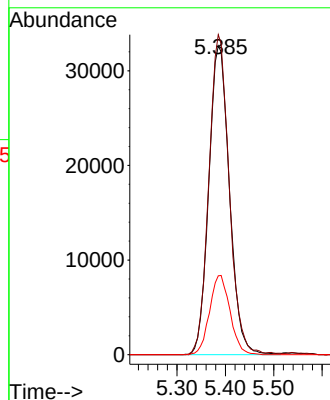
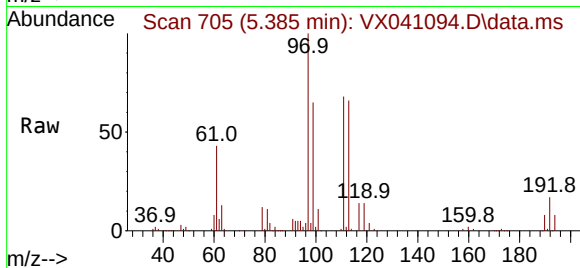
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.9	124.3
192	25.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#36

1,1-Dichloropropene

Concen: 49.074 ug/l

RT: 5.696 min Scan# 756

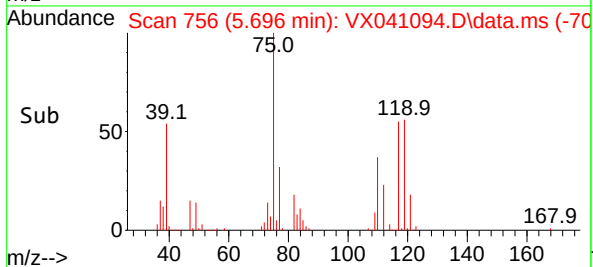
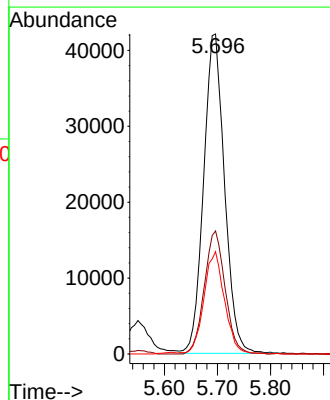
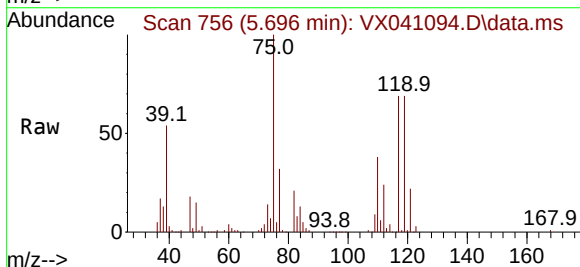
Delta R.T. 0.000 min

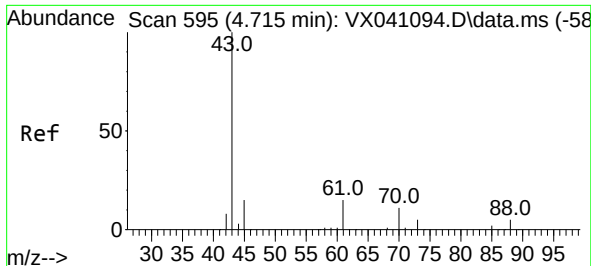
Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Tgt Ion: 75 Resp: 115419

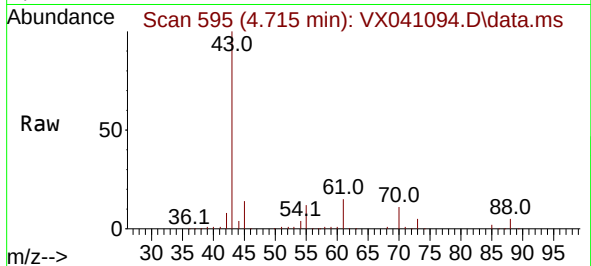
Ion	Ratio	Lower	Upper
75	100		
110	38.3	17.0	50.9
77	31.6	24.7	37.1





#37
Ethyl Acetate
Concen: 52.296 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

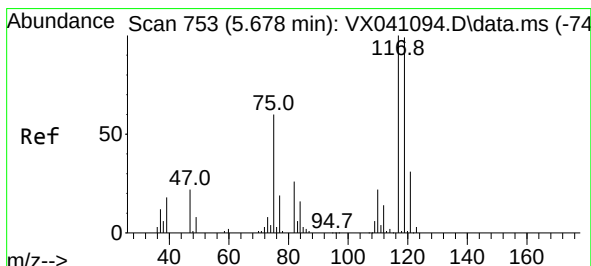
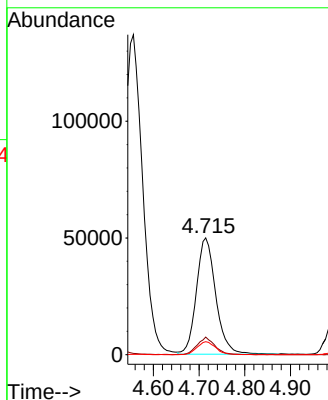
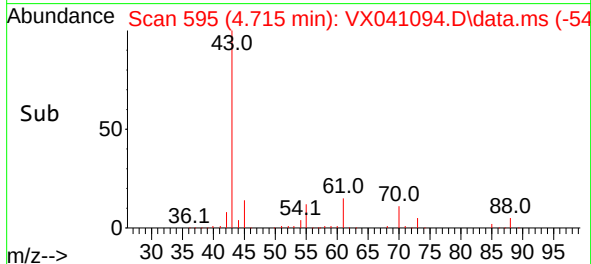
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 146884
Ion Ratio Lower Upper
43 100
61 13.8 10.6 16.0
70 10.9 8.3 12.5

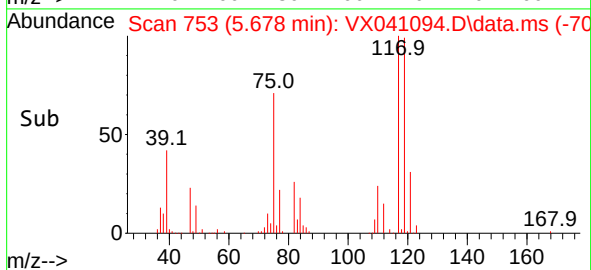
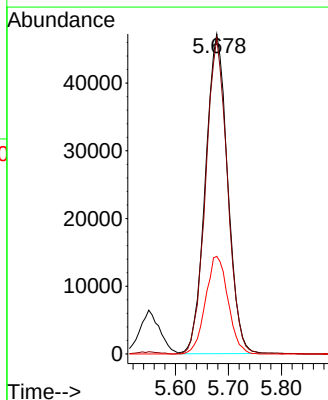
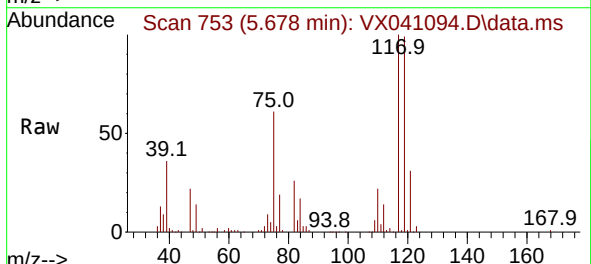
Manual Integrations
APPROVED

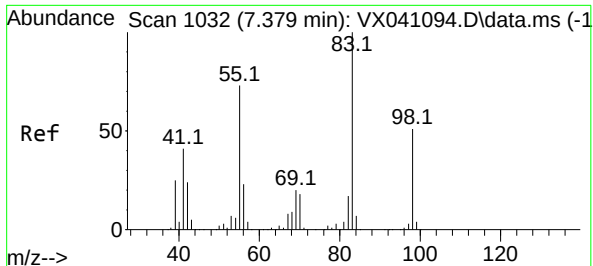
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#38
Carbon Tetrachloride
Concen: 50.390 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

Tgt Ion:117 Resp: 137420
Ion Ratio Lower Upper
117 100
119 98.5 78.2 117.2
121 30.5 24.4 36.6





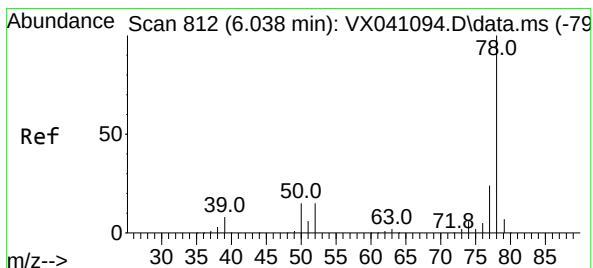
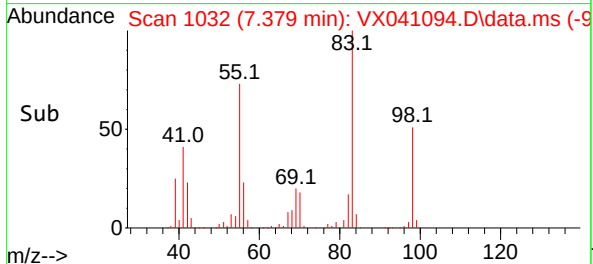
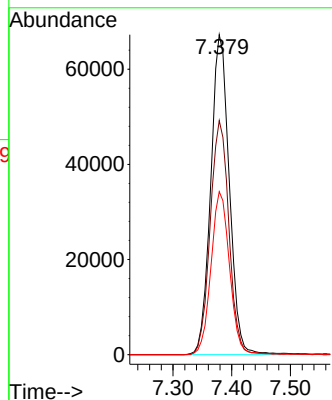
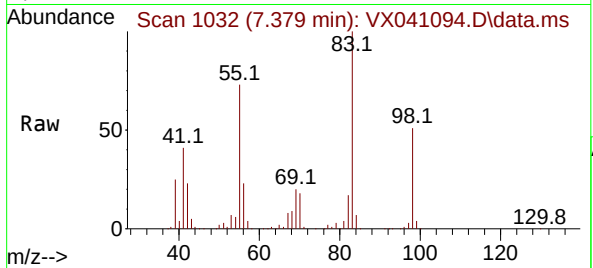
#39
Methylcyclohexane
Concen: 49.944 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 14739
Ion Ratio Lower Upper
83 100
55 73.1 64.6 97.0
98 50.9 36.7 55.1

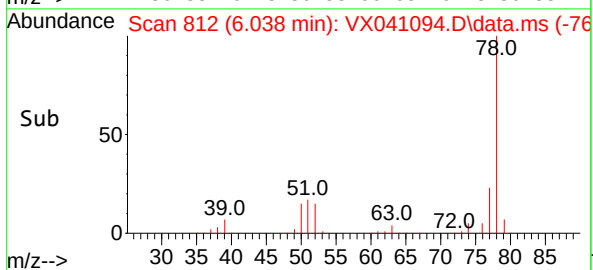
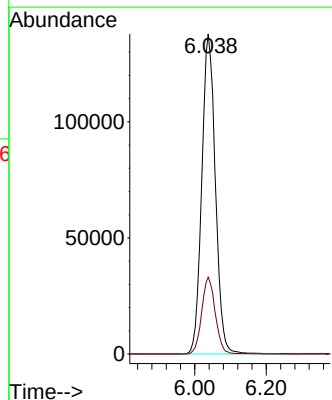
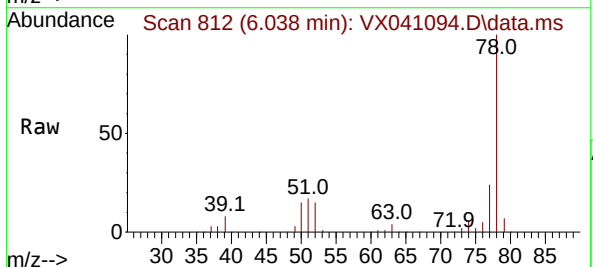
Manual Integrations
APPROVED

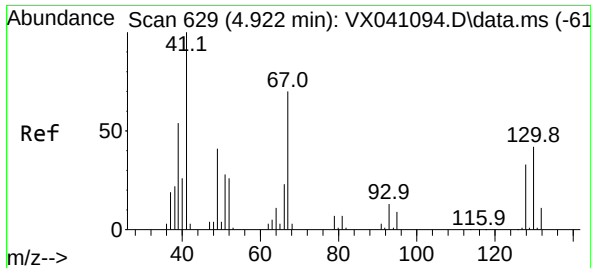
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#40
Benzene
Concen: 50.622 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

Tgt Ion: 78 Resp: 363441
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9





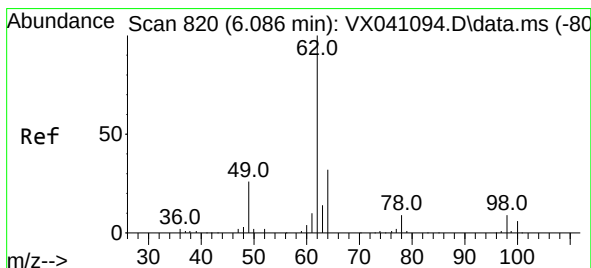
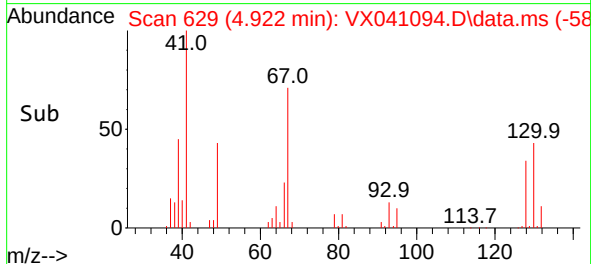
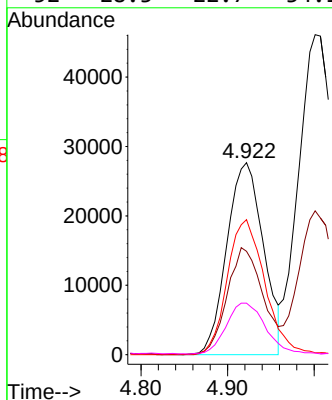
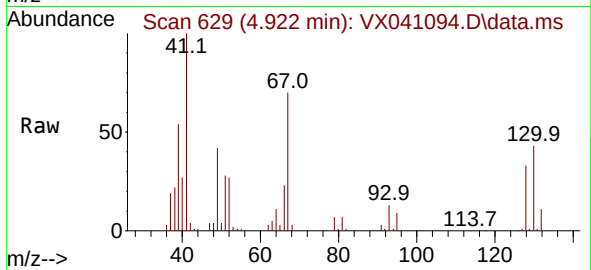
#41
Methacrylonitrile
Concen: 55.254 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 8133
Ion Ratio Lower Upper
41 100
39 54.3 45.2 67.8
67 72.6 52.6 78.8
52 28.3 22.7 34.1

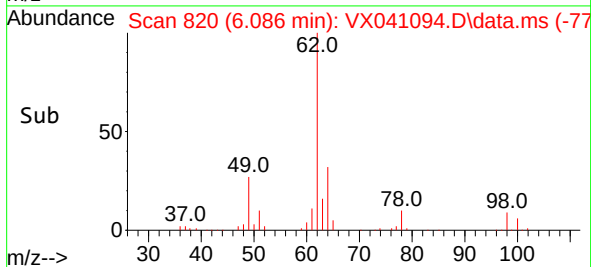
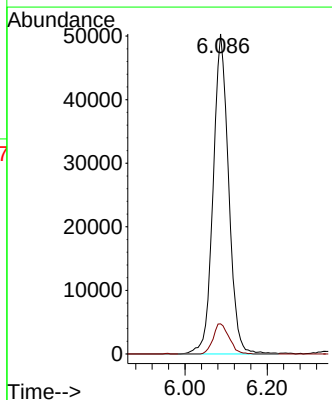
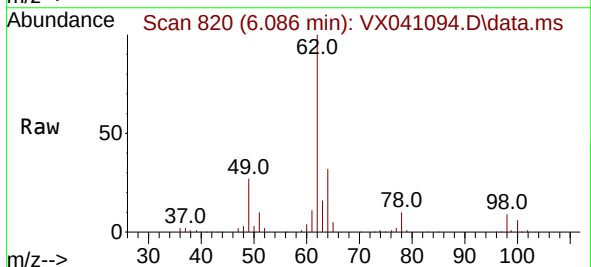
Manual Integrations
APPROVED

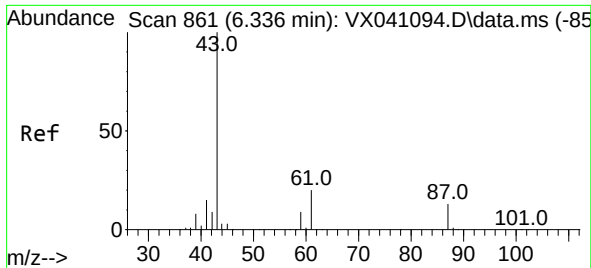
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#42
1,2-Dichloroethane
Concen: 51.179 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

Tgt Ion: 62 Resp: 131665
Ion Ratio Lower Upper
62 100
98 9.7 0.0 16.0





#43

Isopropyl Acetate

Concen: 53.220 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

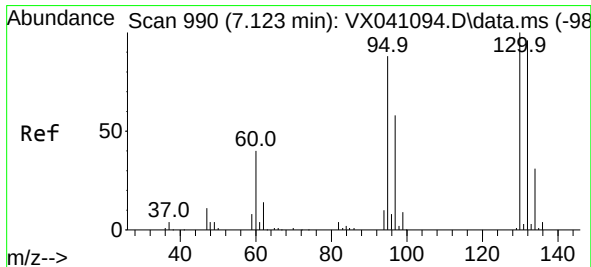
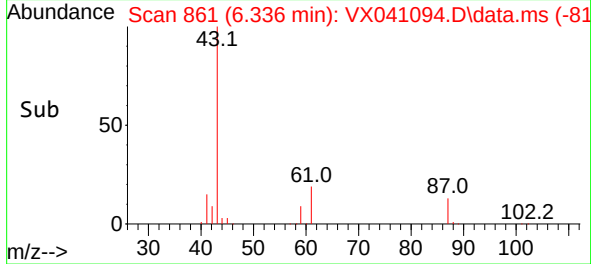
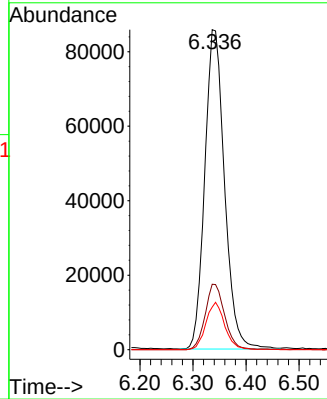
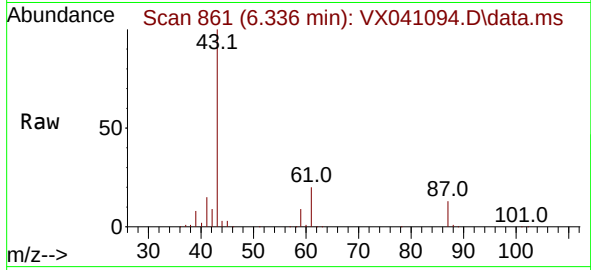
Tgt Ion:	43	Resp:	22197
Ion Ratio	Lower	Upper	
43	100		
61	20.2	15.2	22.8
87	14.0	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#44

Trichloroethene

Concen: 48.789 ug/l

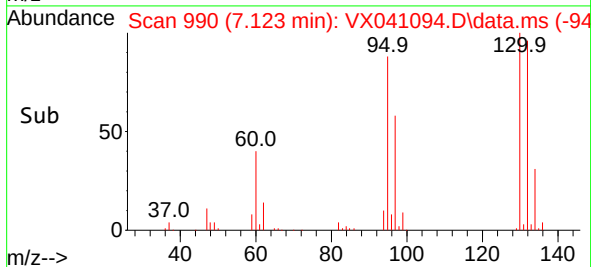
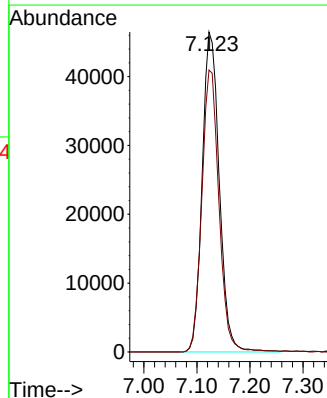
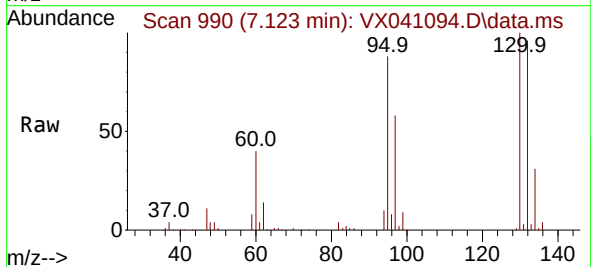
RT: 7.123 min Scan# 990

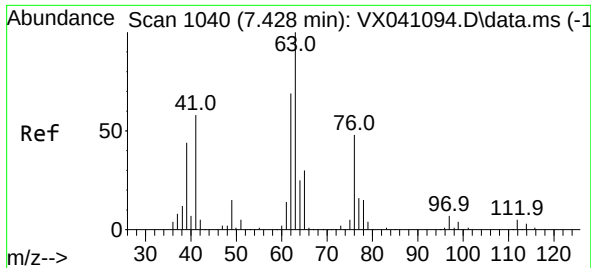
Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Tgt Ion:	130	Resp:	104038
Ion Ratio	Lower	Upper	
130	100		
95	88.1	0.0	204.4





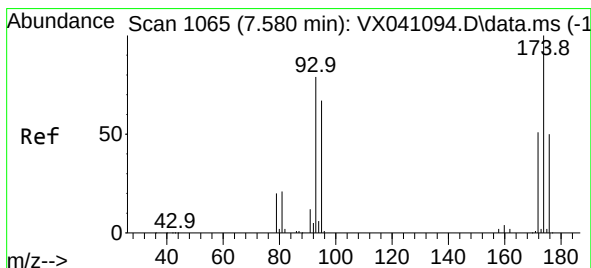
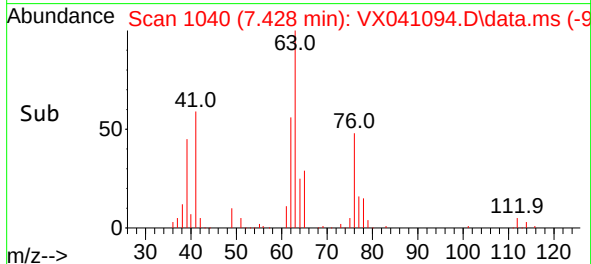
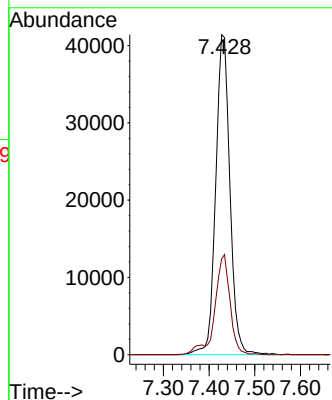
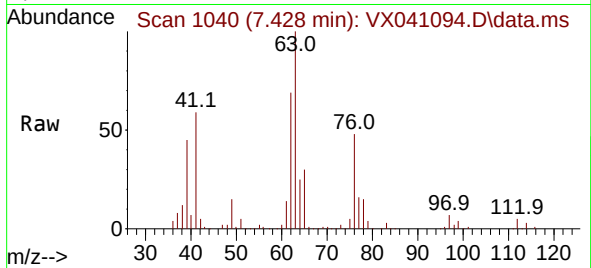
#45
1,2-Dichloropropane
Concen: 52.573 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 89624
Ion Ratio Lower Upper
63 100
65 29.9 24.3 36.5

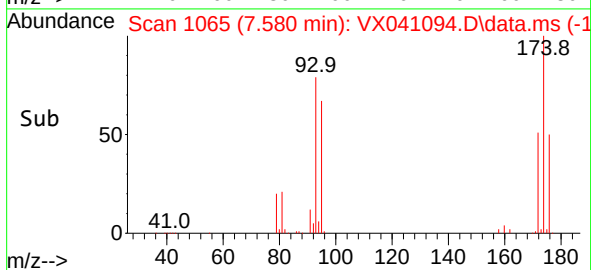
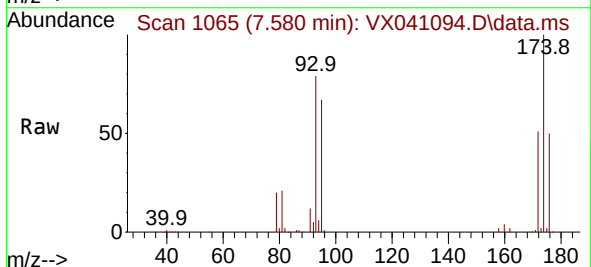
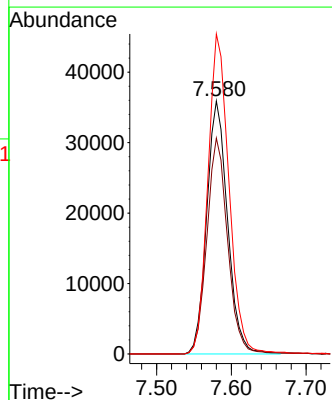
Manual Integrations
APPROVED

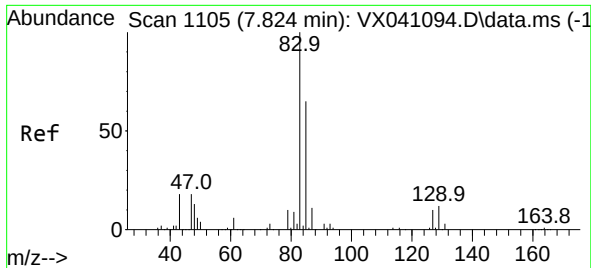
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#46
Dibromomethane
Concen: 51.961 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

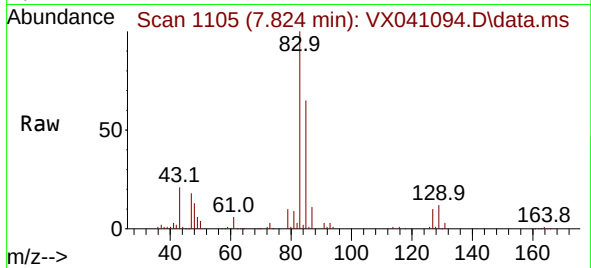
Tgt Ion: 93 Resp: 69648
Ion Ratio Lower Upper
93 100
95 84.7 66.6 100.0
174 128.1 69.4 104.0#





#47
Bromodichloromethane
Concen: 52.940 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

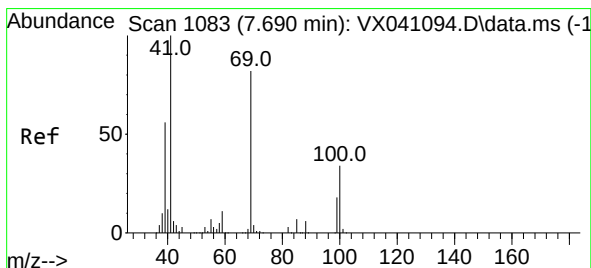
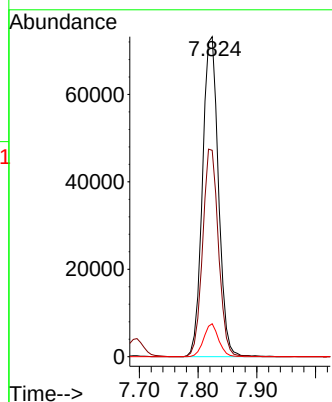
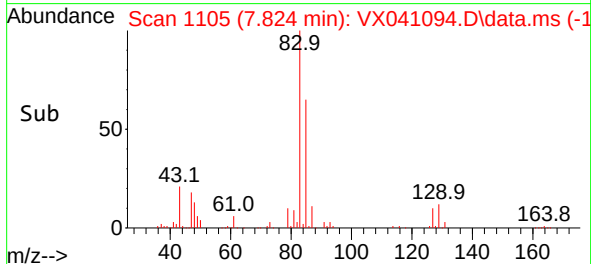
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 13812
Ion Ratio Lower Upper
83 100
85 64.5 49.8 74.6
127 10.3 7.1 10.7

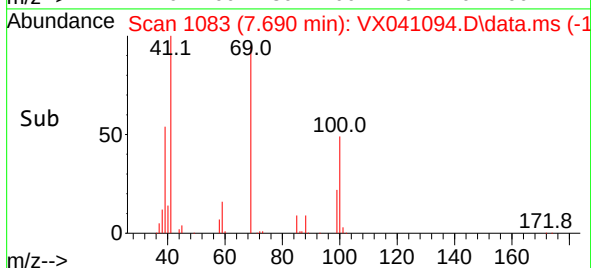
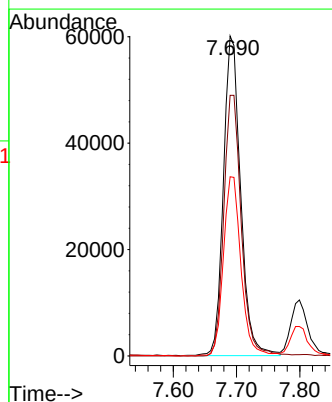
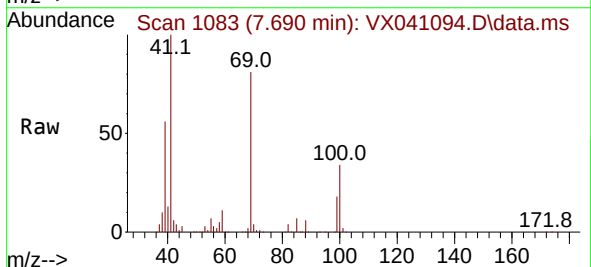
Manual Integrations
APPROVED

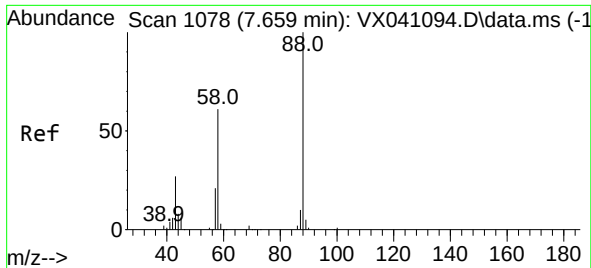
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#48
Methyl methacrylate
Concen: 55.538 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

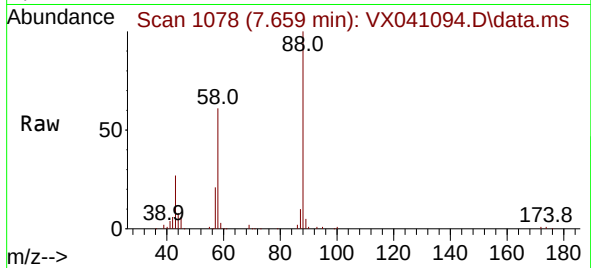
Tgt Ion: 41 Resp: 113066
Ion Ratio Lower Upper
41 100
69 83.1 59.2 88.8
39 57.2 47.7 71.5





#49
1,4-Dioxane
Concen: 1139.104 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

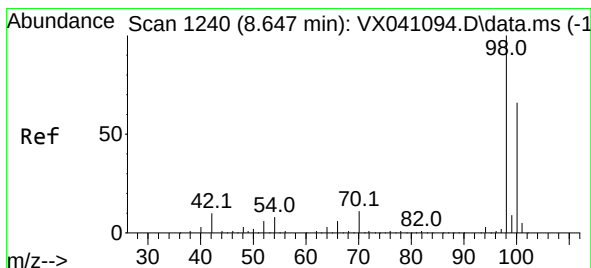
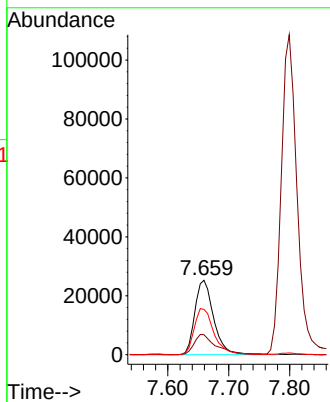
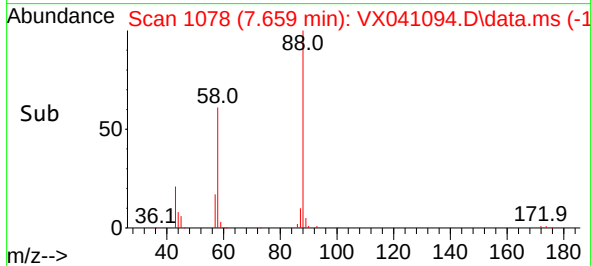
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



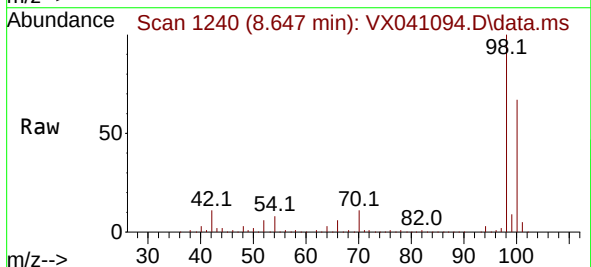
Tgt Ion: 88 Resp: 54190
Ion Ratio Lower Upper
88 100
43 31.7 0.0 0.0
58 64.8 60.1 90.1

Manual Integrations
APPROVED

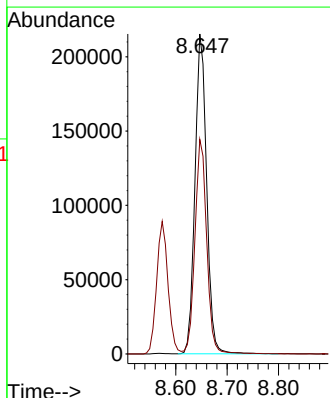
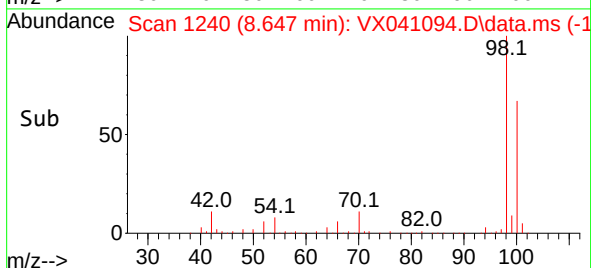
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

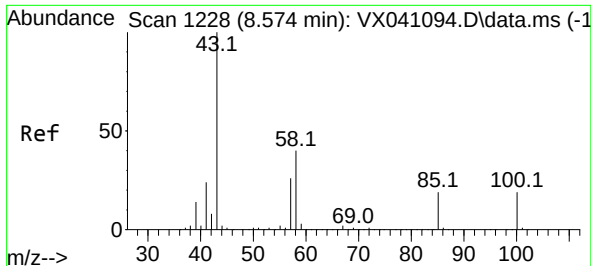


#50
Toluene-d8
Concen: 52.233 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34



Tgt Ion: 98 Resp: 339883
Ion Ratio Lower Upper
98 100
100 68.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 272.235 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 77134

Ion Ratio Lower Upper

43 100

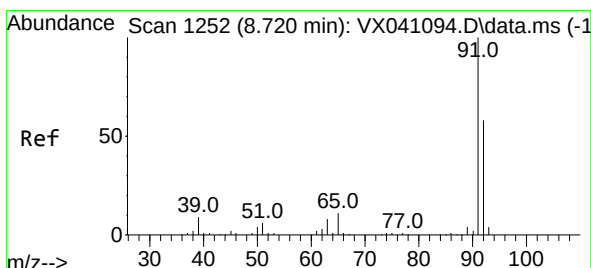
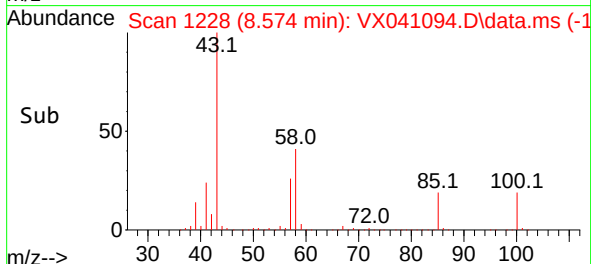
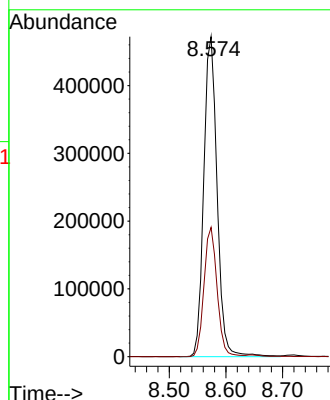
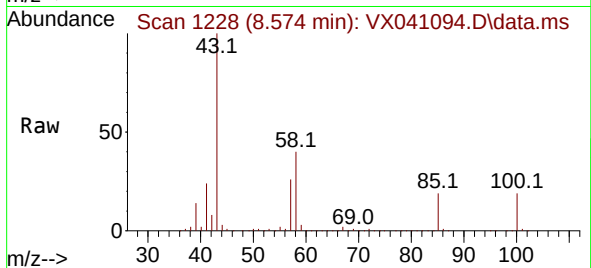
58 39.6 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#52

Toluene

Concen: 51.993 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX041094.D

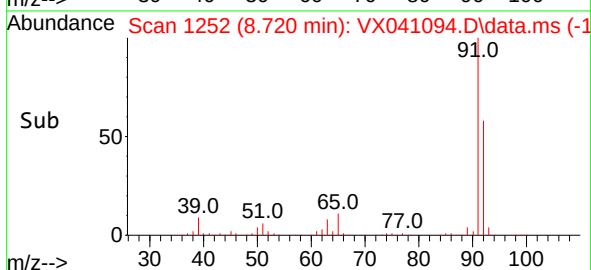
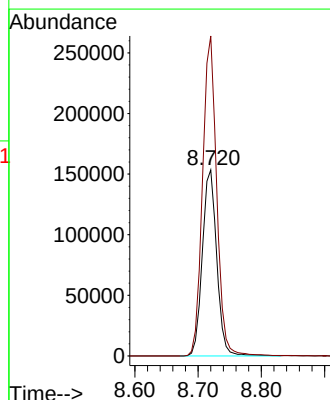
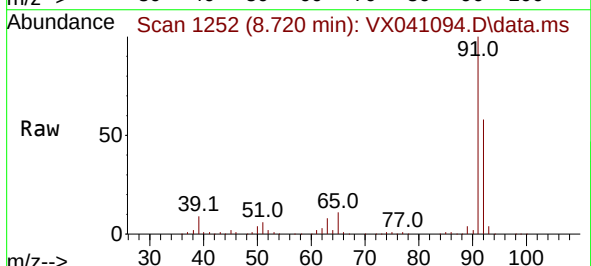
Acq: 16 Apr 2024 10:34

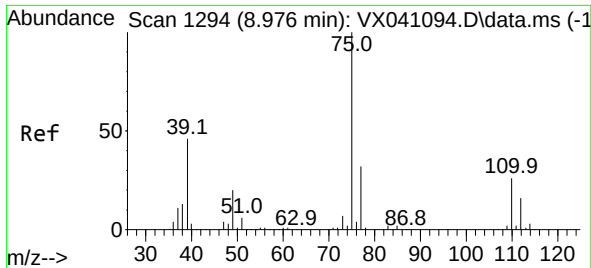
Tgt Ion: 92 Resp: 243670

Ion Ratio Lower Upper

92 100

91 169.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 54.161 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 13553

Ion Ratio Lower Upper

75 100

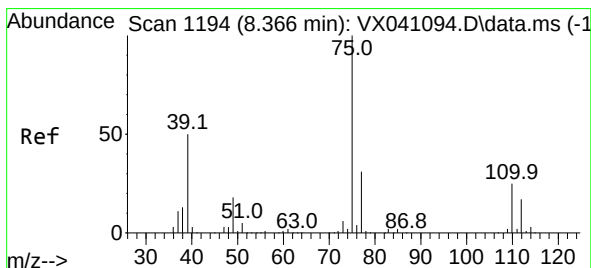
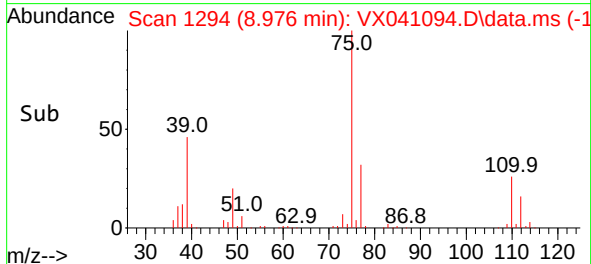
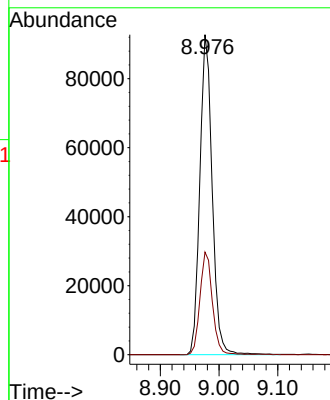
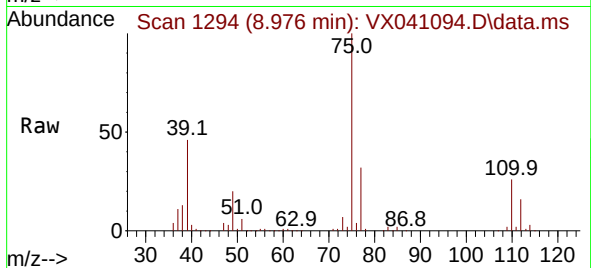
77 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#54

cis-1,3-Dichloropropene

Concen: 54.064 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

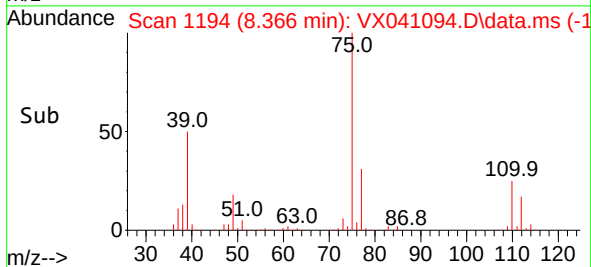
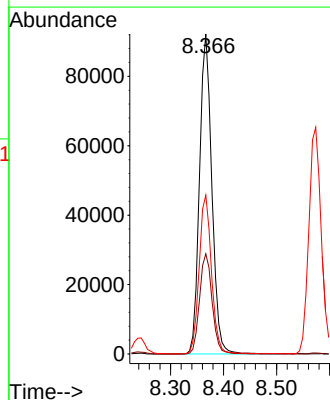
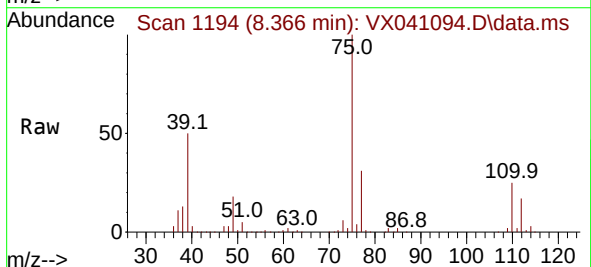
Tgt Ion: 75 Resp: 148634

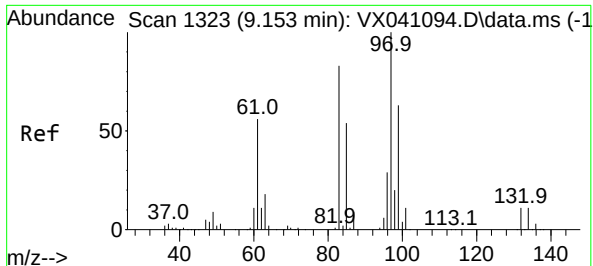
Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

39 49.6 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 52.770 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

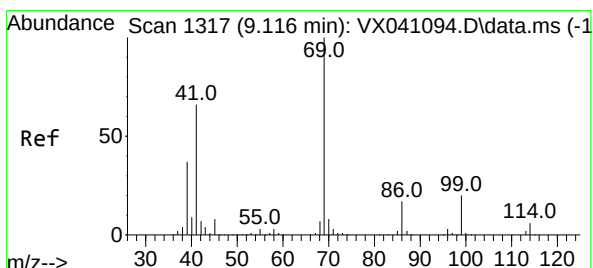
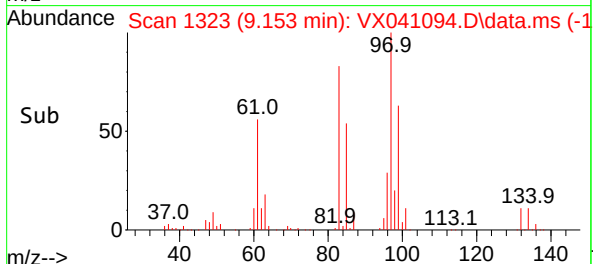
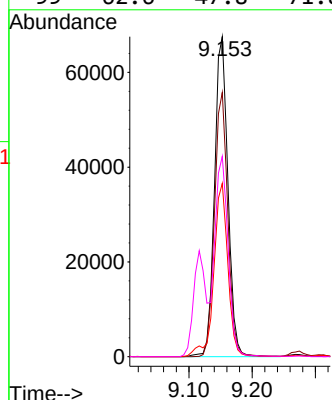
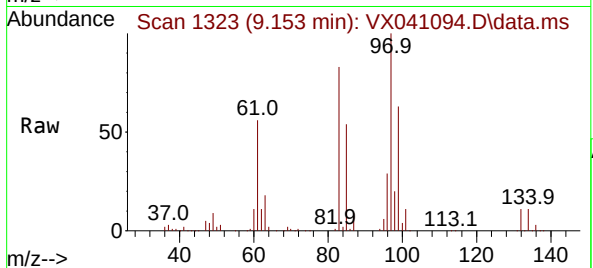
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.6	65.8	98.8
85	54.1	41.6	62.4
99	62.6	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#56

Ethyl methacrylate

Concen: 51.083 ug/l

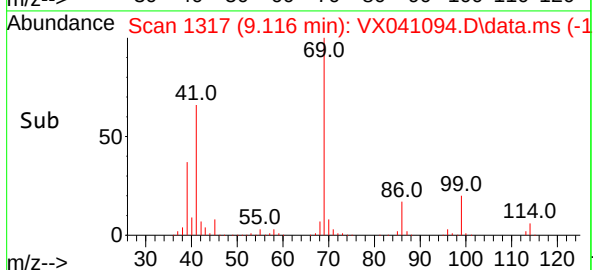
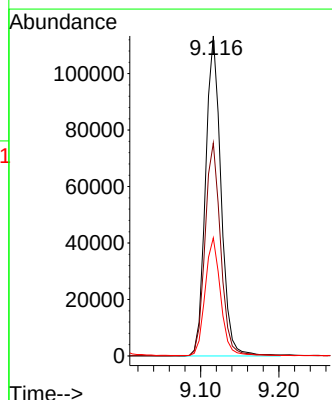
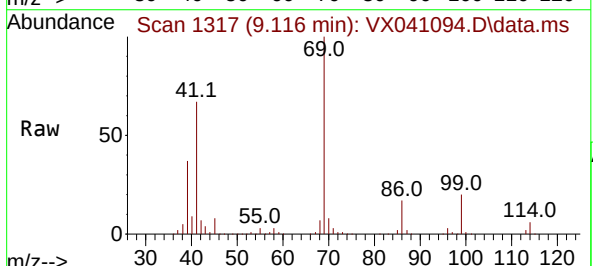
RT: 9.116 min Scan# 1317

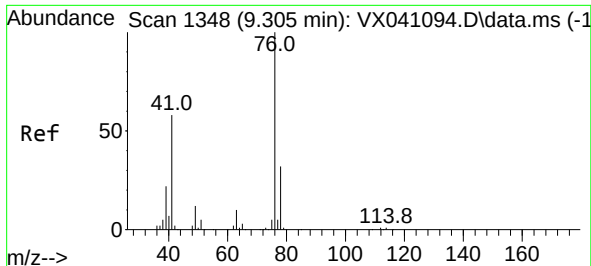
Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.3	56.8	85.2
39	36.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 52.379 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 16060

Ion Ratio Lower Upper

76 100

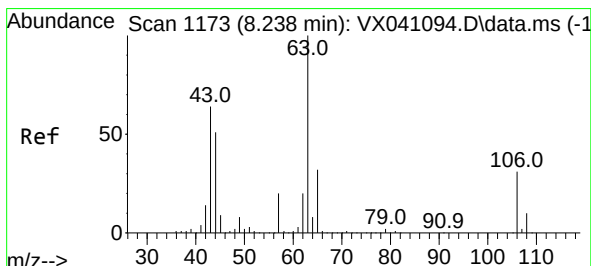
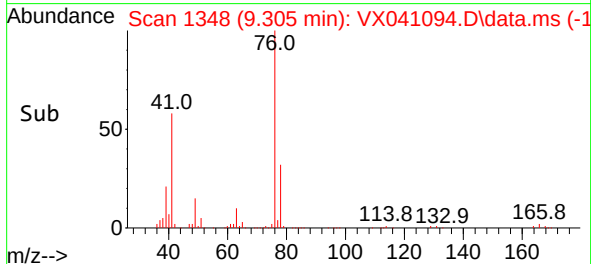
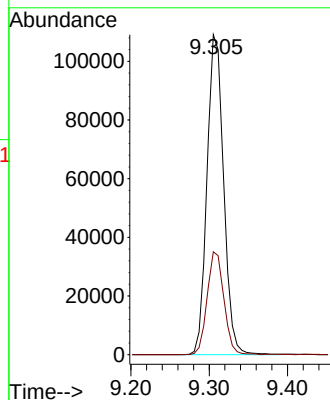
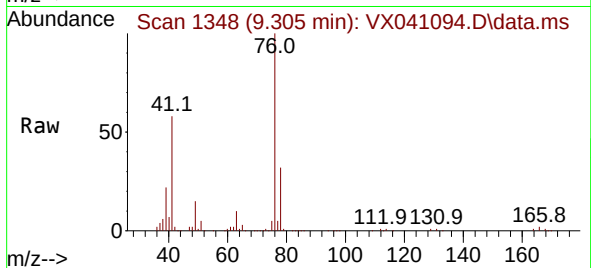
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#58

2-Chloroethyl Vinyl ether

Concen: 273.942 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX041094.D

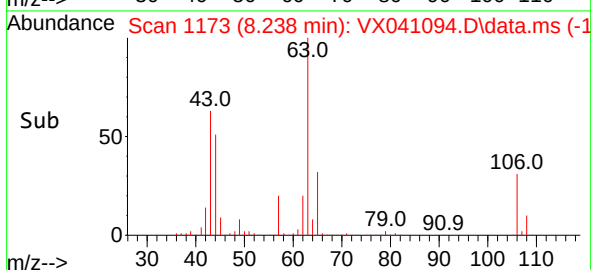
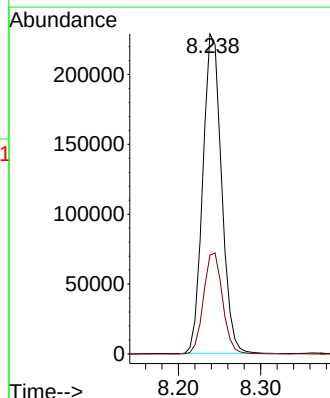
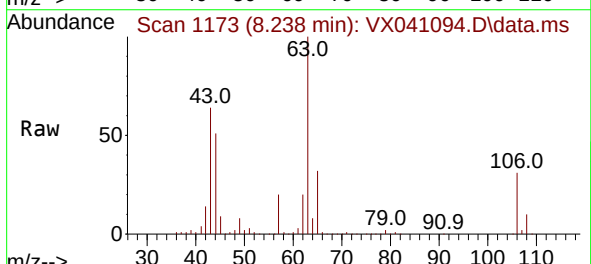
Acq: 16 Apr 2024 10:34

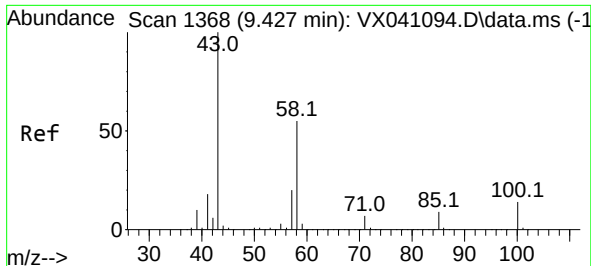
Tgt Ion: 63 Resp: 362534

Ion Ratio Lower Upper

63 100

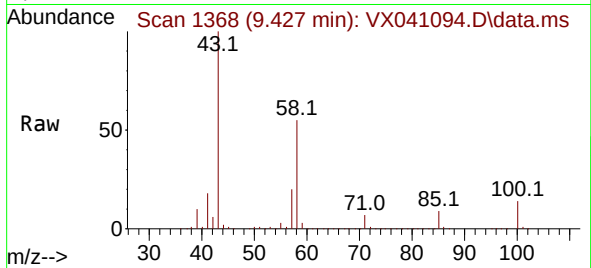
106 32.2 22.5 33.7





#59
2-Hexanone
Concen: 273.971 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

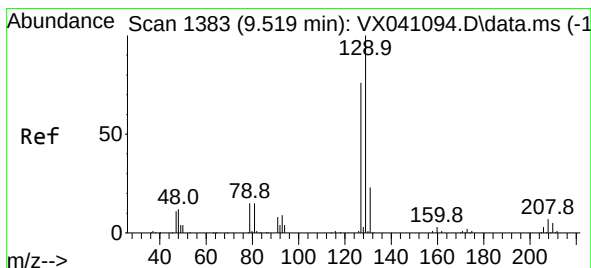
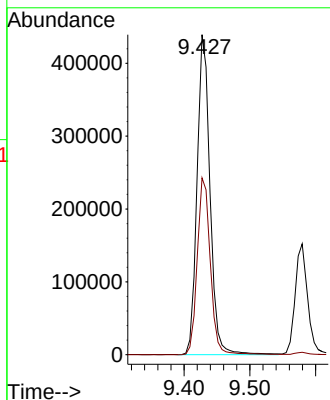
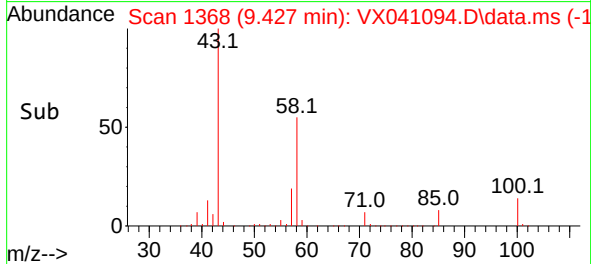
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



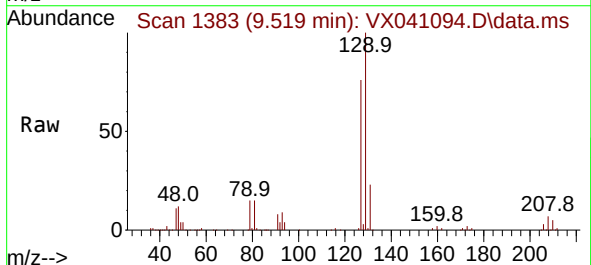
Tgt Ion: 43 Resp: 600495
Ion Ratio Lower Upper
43 100
58 55.9 26.2 78.5

Manual Integrations
APPROVED

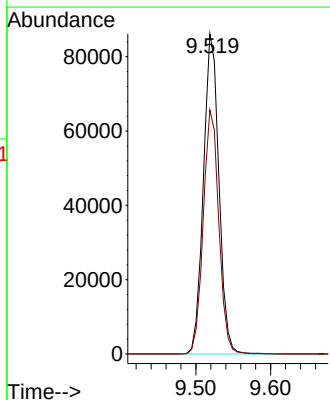
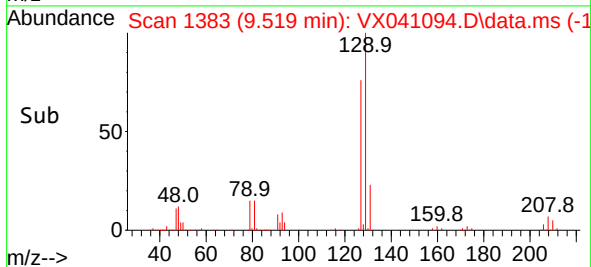
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

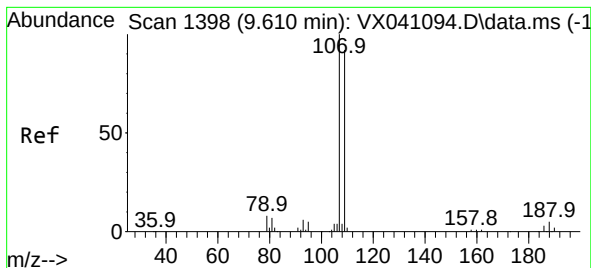


#60
Dibromochloromethane
Concen: 54.361 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34



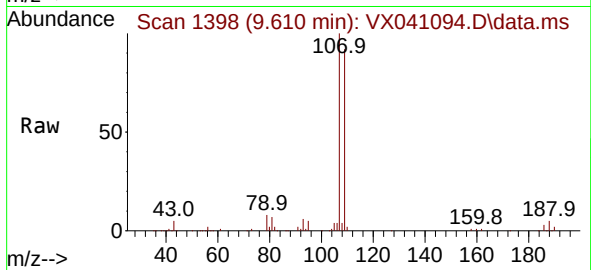
Tgt Ion:129 Resp: 123731
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.794 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

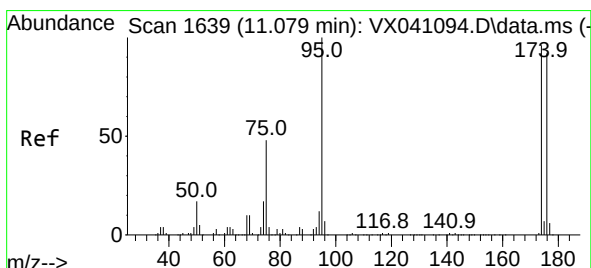
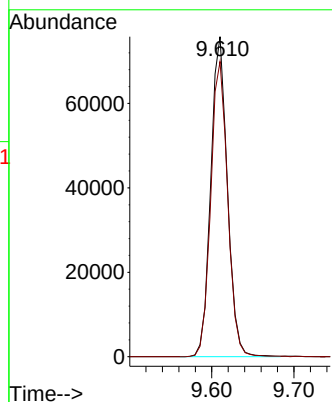
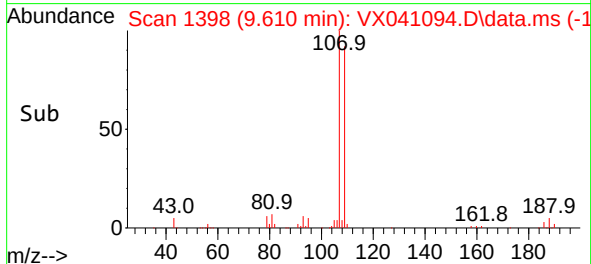
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 106463
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8

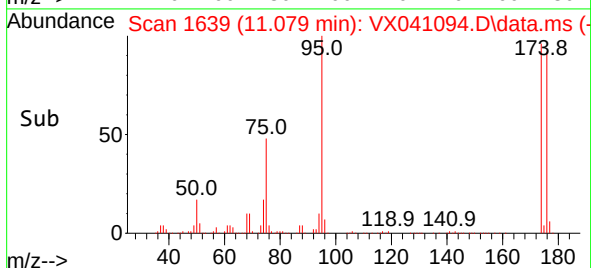
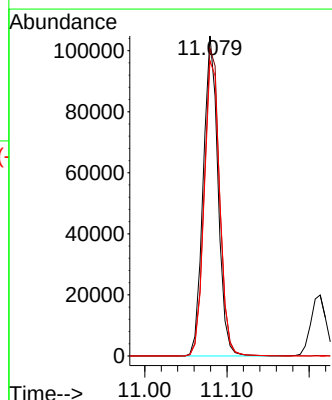
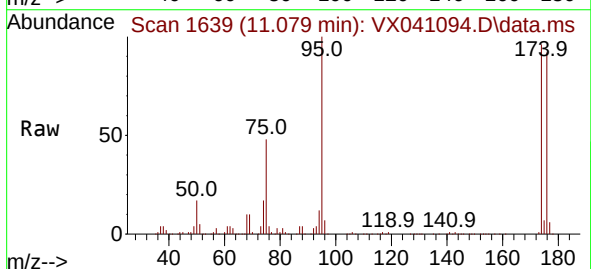
Manual Integrations
APPROVED

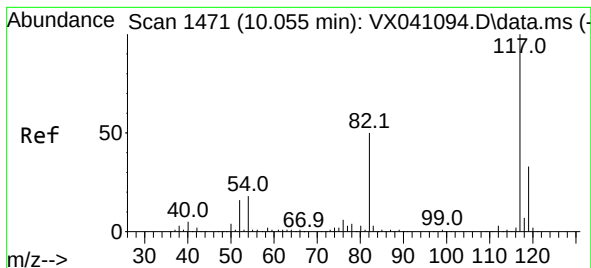
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#62
4-Bromofluorobenzene
Concen: 52.847 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

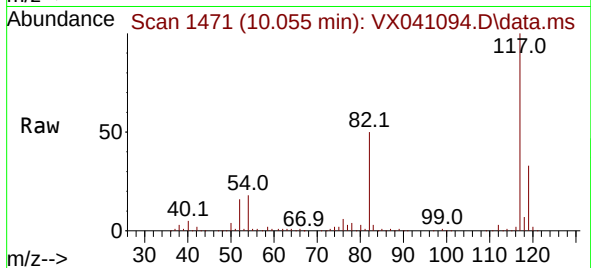
Tgt Ion: 95 Resp: 130540
Ion Ratio Lower Upper
95 100
174 100.0 0.0 135.6
176 97.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

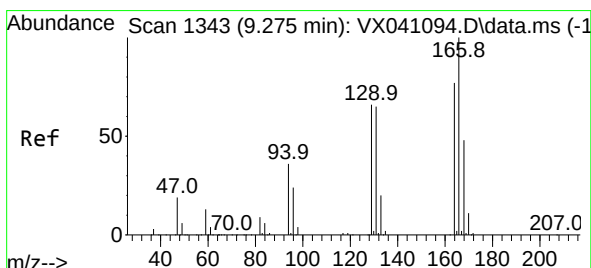
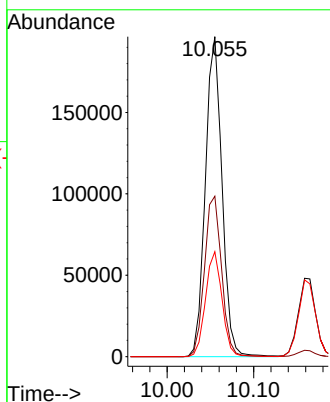
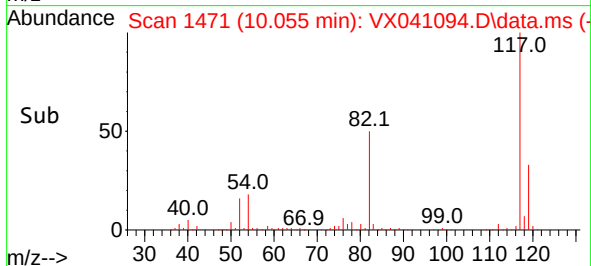
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 262391
Ion Ratio Lower Upper
117 100
82 50.2 46.2 69.4
119 32.8 25.5 38.3

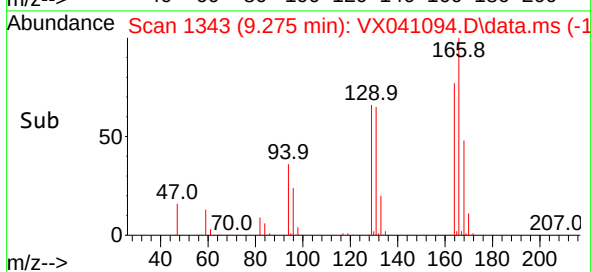
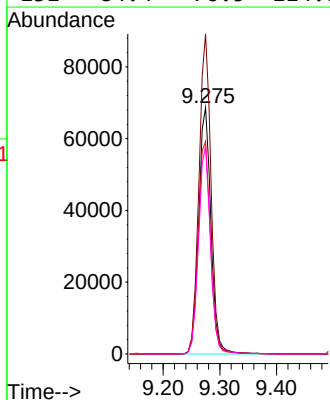
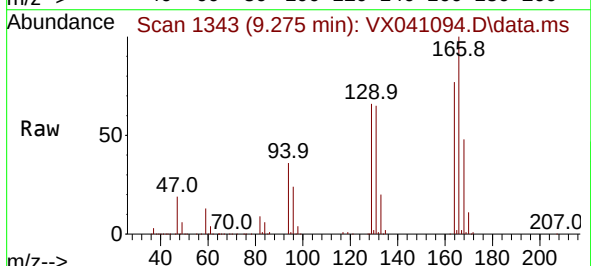
Manual Integrations
APPROVED

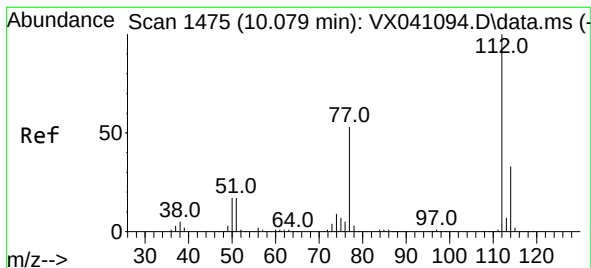
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#64
Tetrachloroethene
Concen: 49.192 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

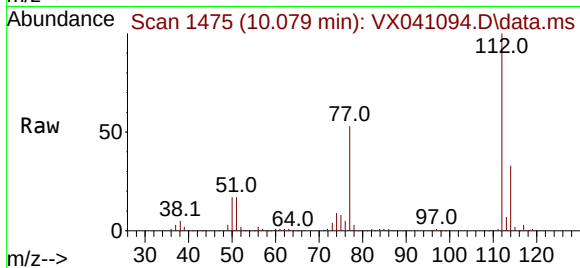
Tgt Ion:164 Resp: 102577
Ion Ratio Lower Upper
164 100
166 129.9 102.7 154.1
129 86.2 80.4 120.6
131 84.4 76.5 114.7





#65
Chlorobenzene
Concen: 49.493 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

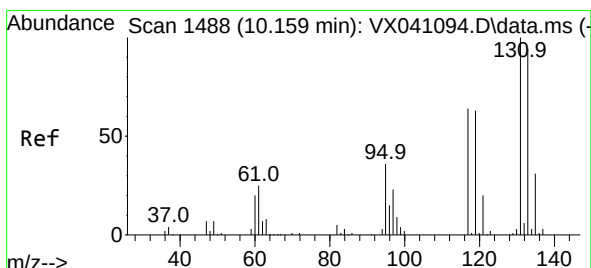
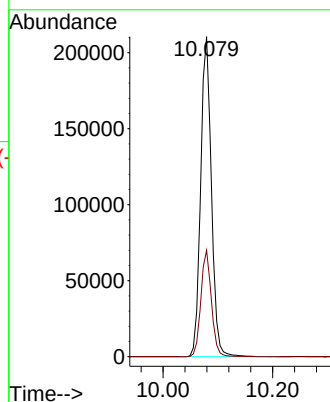
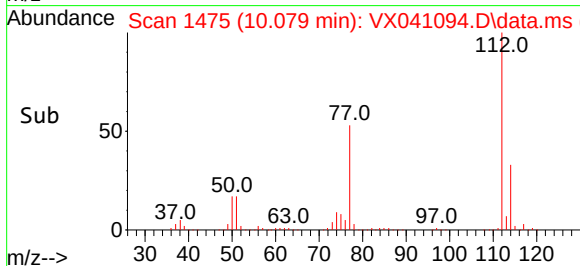
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



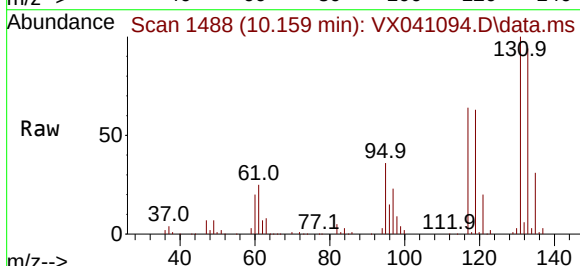
Tgt Ion:112 Resp: 28667
Ion Ratio Lower Upper
112 100
114 33.3 25.7 38.5

Manual Integrations
APPROVED

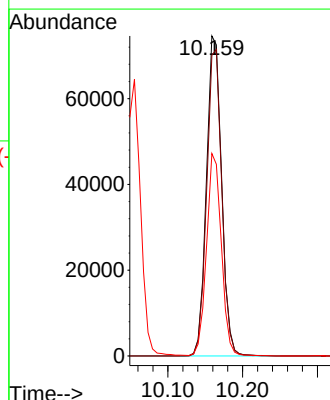
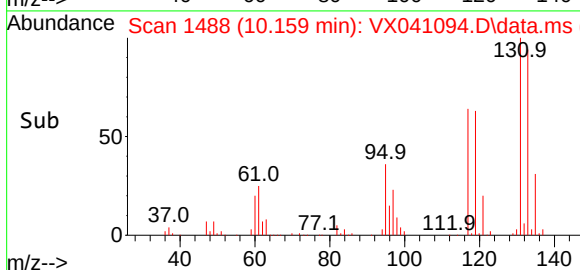
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

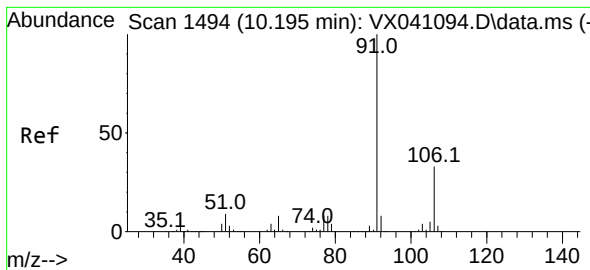


#66
1,1,1,2-Tetrachloroethane
Concen: 53.019 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34



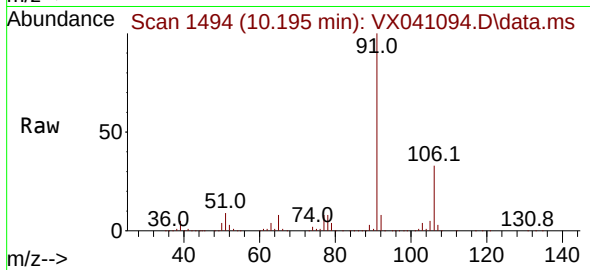
Tgt Ion:131 Resp: 105055
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 61.9 32.2 96.6





#67
Ethyl Benzene
Concen: 51.430 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

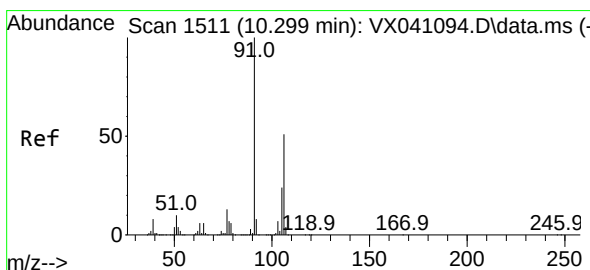
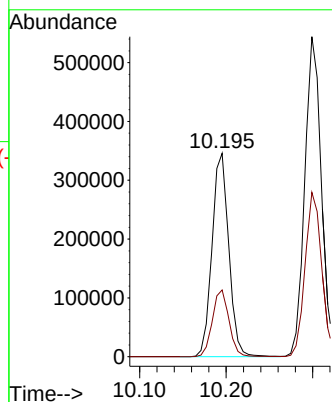
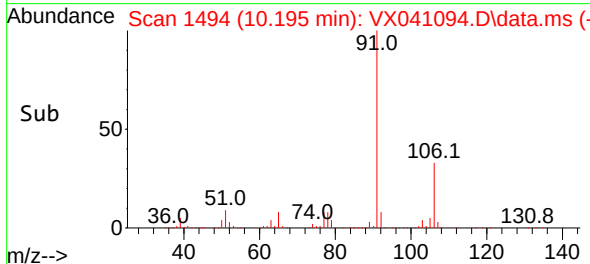
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 464848
Ion Ratio Lower Upper
91 100
106 32.8 24.9 37.3

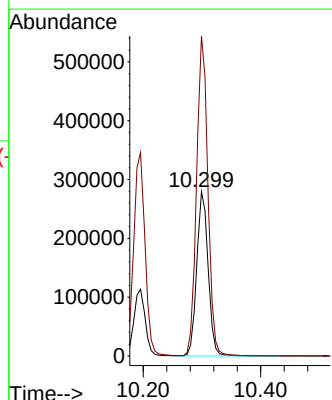
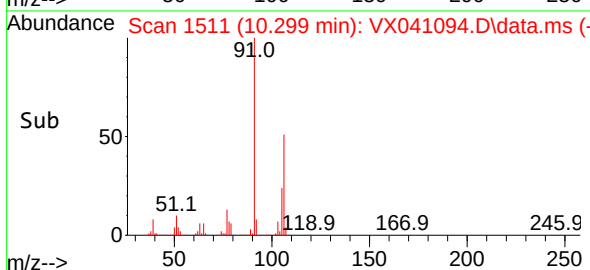
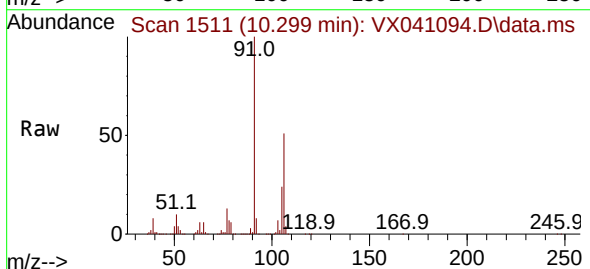
Manual Integrations
APPROVED

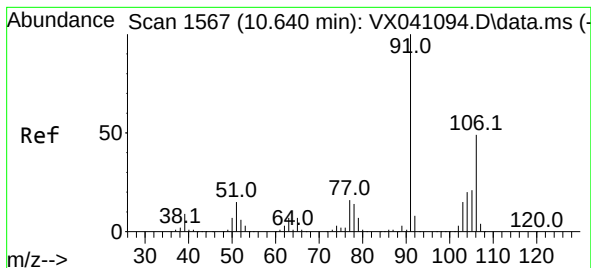
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#68
m/p-Xylenes
Concen: 104.453 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

Tgt Ion:106 Resp: 375512
Ion Ratio Lower Upper
106 100
91 193.4 165.5 248.3





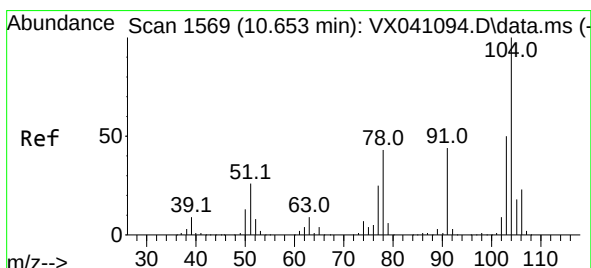
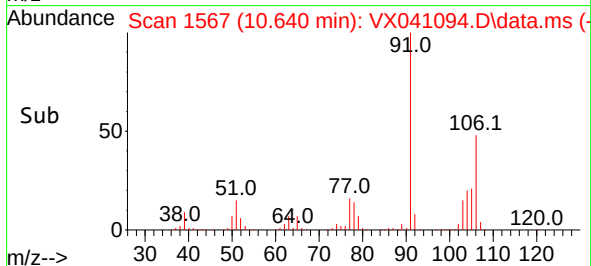
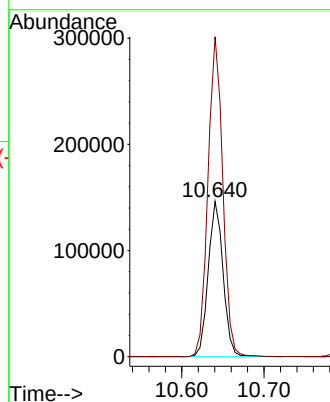
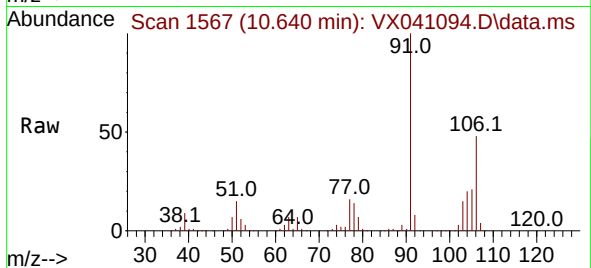
#69
o-Xylene
Concen: 52.346 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 183180
Ion Ratio Lower Upper
106 100
91 205.8 108.9 326.8

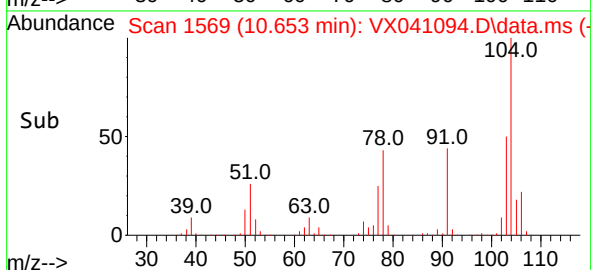
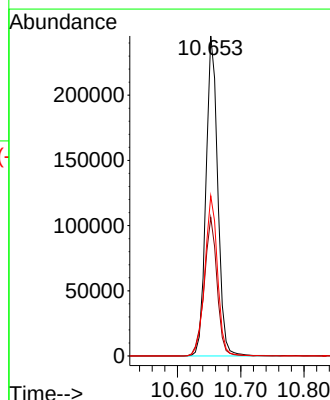
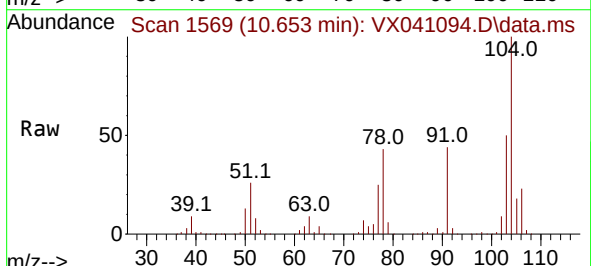
Manual Integrations
APPROVED

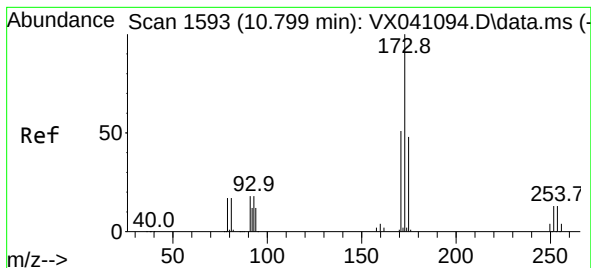
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#70
Styrene
Concen: 53.666 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

Tgt Ion:104 Resp: 318899
Ion Ratio Lower Upper
104 100
78 47.0 43.6 65.4
103 53.9 43.6 65.4





#71

Bromoform

Concen: 54.491 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

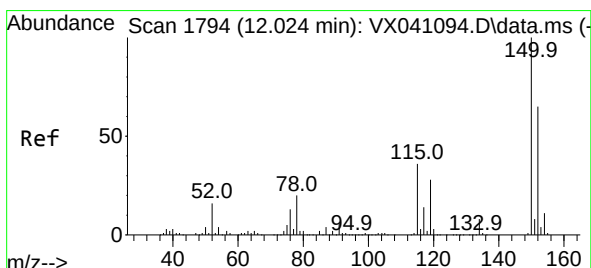
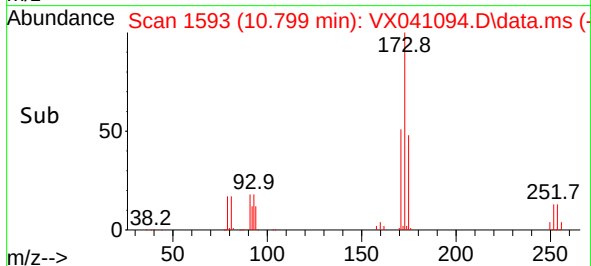
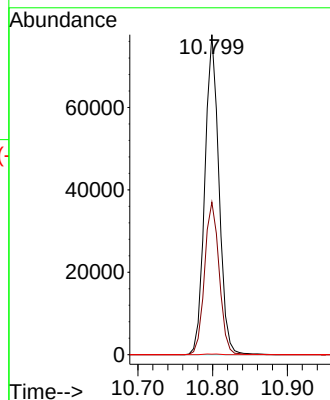
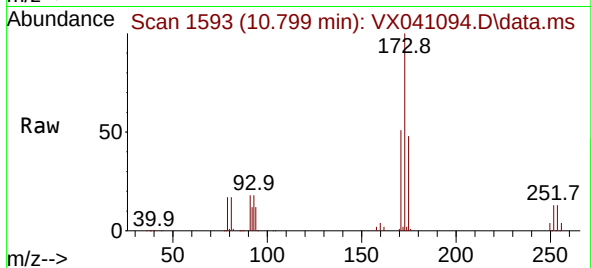
Tgt Ion:173 Resp: 101699
 Ion Ratio Lower Upper
 173 100
 175 49.3 24.1 72.4
 254 0.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

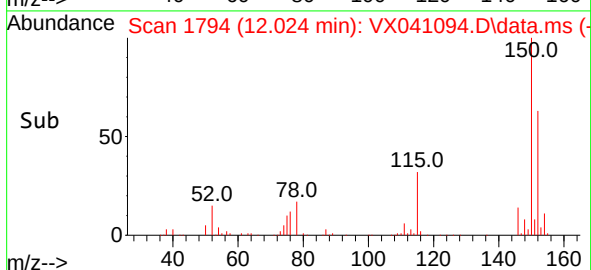
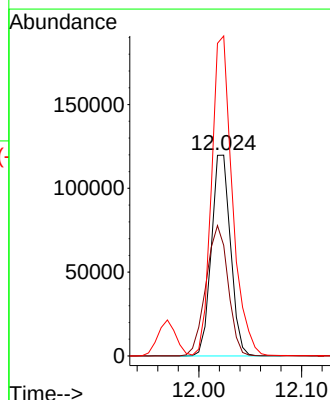
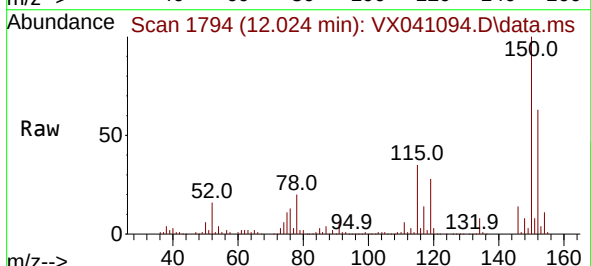
RT: 12.024 min Scan# 1794

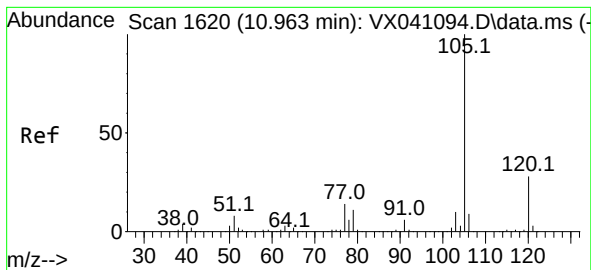
Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Tgt Ion:152 Resp: 154750
 Ion Ratio Lower Upper
 152 100
 115 75.3 43.3 129.9
 150 173.8 0.0 345.0





#73

Isopropylbenzene

Concen: 52.203 ug/l

RT: 10.963 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 476520

Ion Ratio Lower Upper

105 100

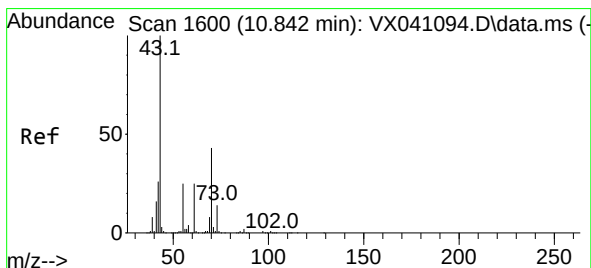
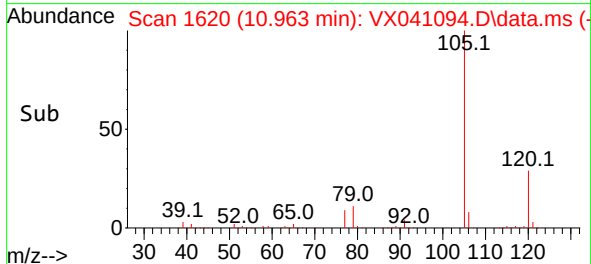
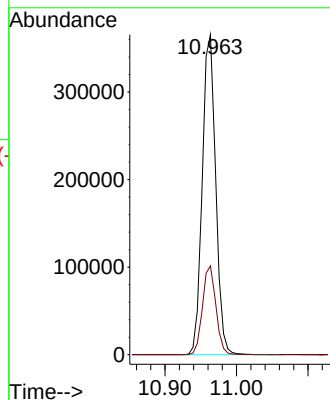
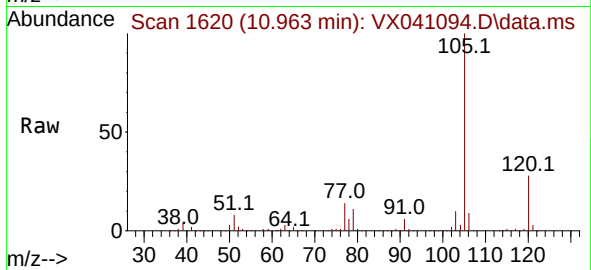
120 27.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#74

N-ethyl acetate

Concen: 55.547 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Tgt Ion: 43 Resp: 201143

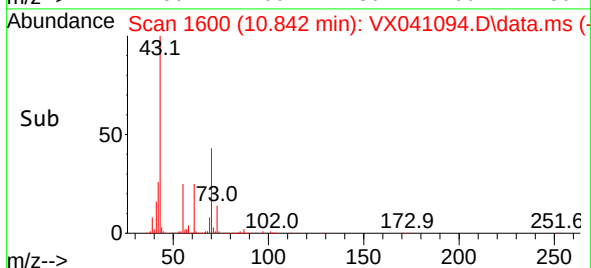
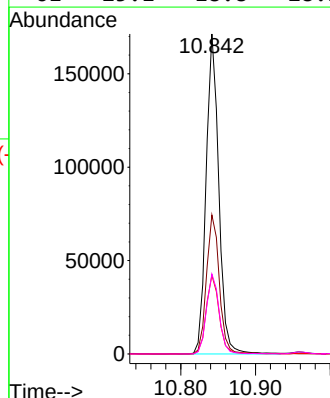
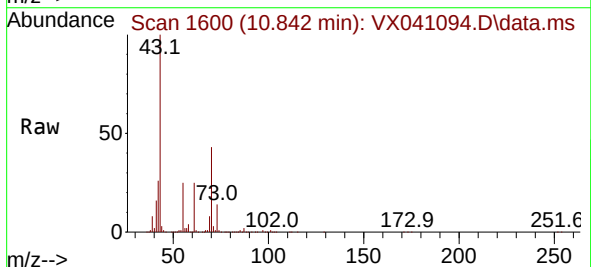
Ion Ratio Lower Upper

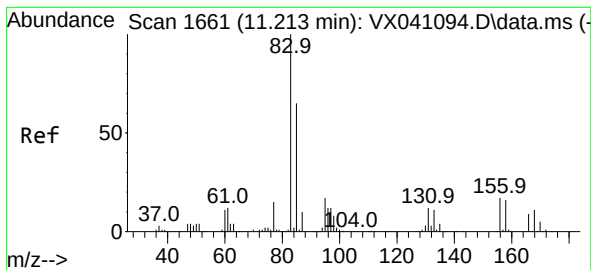
43 100

70 44.3 32.9 49.3

55 25.2 19.3 28.9

61 25.1 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 52.097 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 156049

Ion Ratio Lower Upper

83 100

131 11.4 5.3 15.8

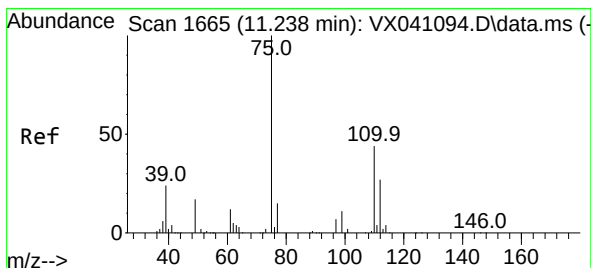
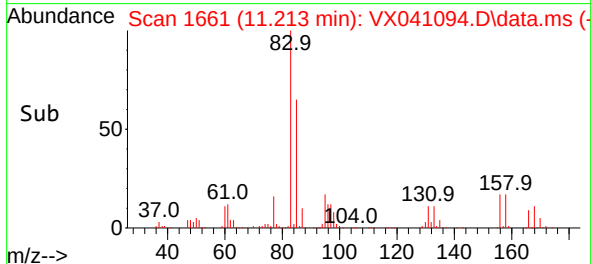
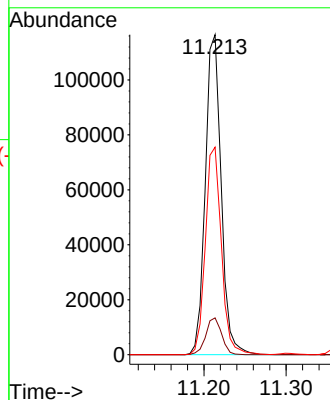
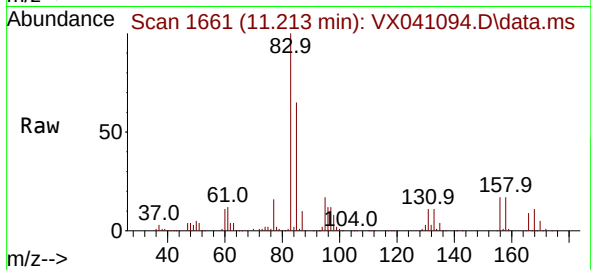
85 65.6 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#76

1,2,3-Trichloropropane

Concen: 51.697 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX041094.D

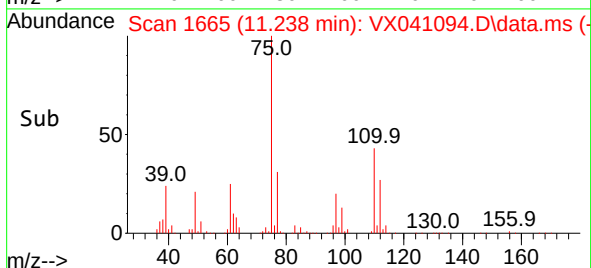
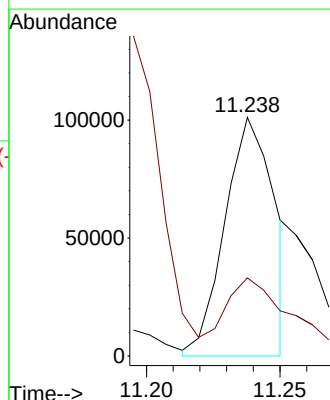
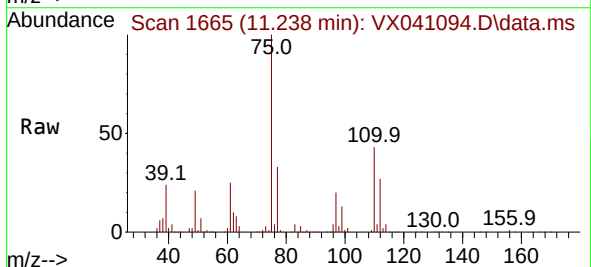
Acq: 16 Apr 2024 10:34

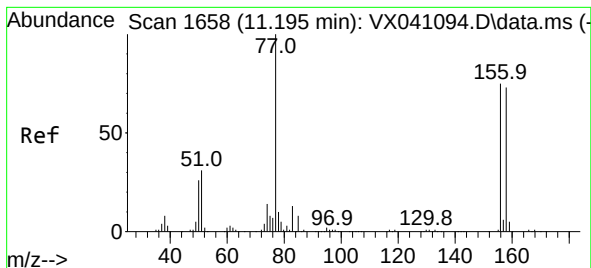
Tgt Ion: 75 Resp: 130373

Ion Ratio Lower Upper

75 100

77 43.9 19.1 57.5





#77

Bromobenzene

Concen: 51.520 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:156 Resp: 138068

Ion Ratio Lower Upper

156 100

77 128.5 88.4 265.3

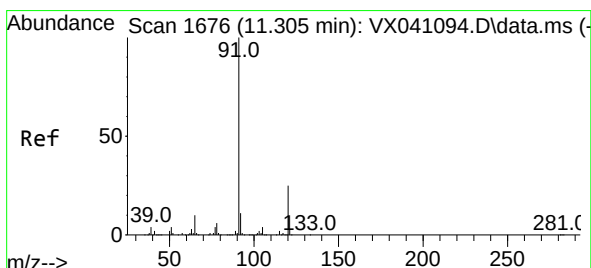
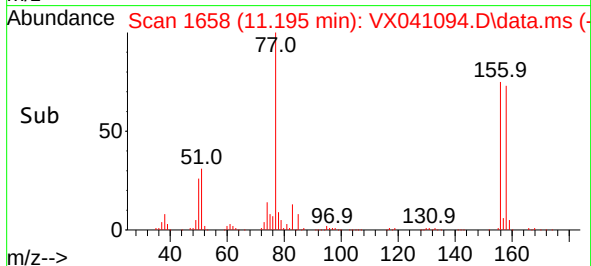
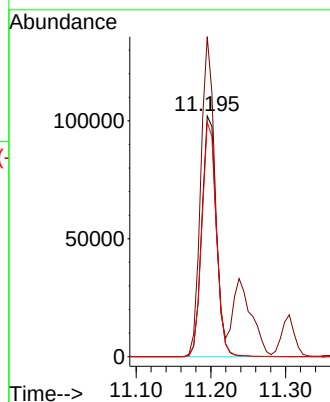
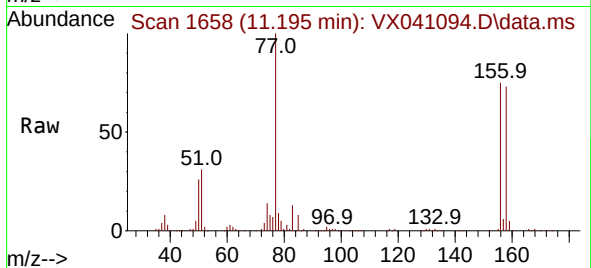
158 97.0 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#78

n-propylbenzene

Concen: 52.760 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX041094.D

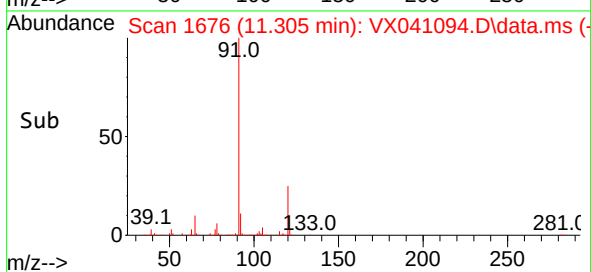
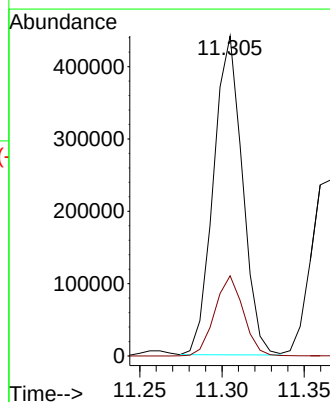
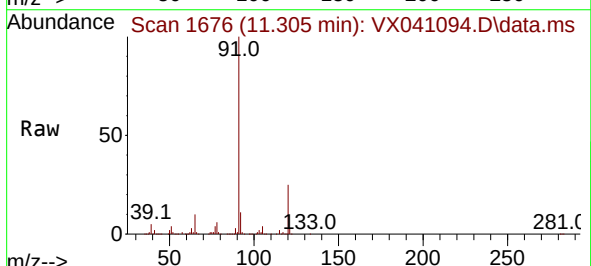
Acq: 16 Apr 2024 10:34

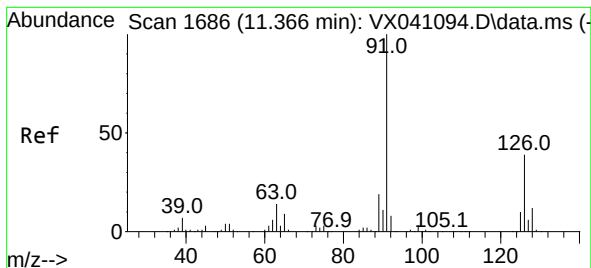
Tgt Ion: 91 Resp: 540084

Ion Ratio Lower Upper

91 100

120 24.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.579 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 321865

Ion Ratio Lower Upper

91 100

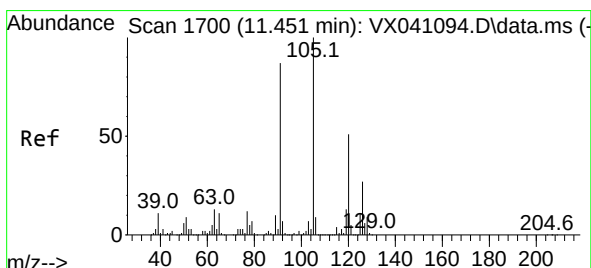
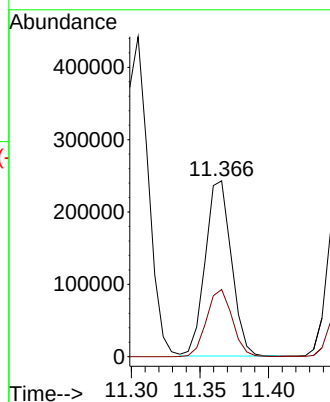
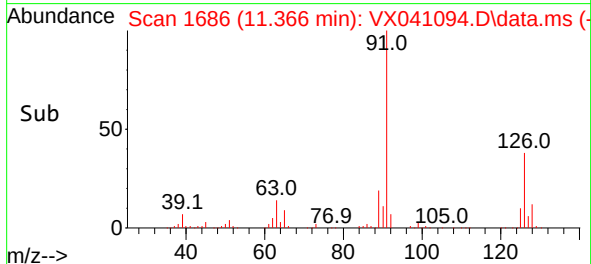
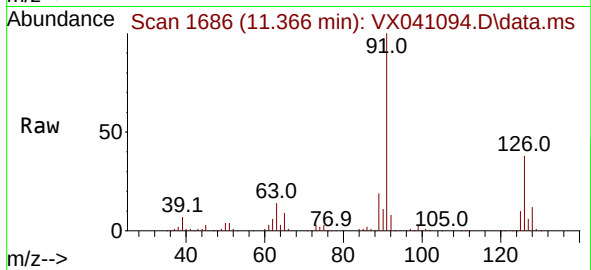
126 37.7 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#80

1,3,5-Trimethylbenzene

Concen: 52.968 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041094.D

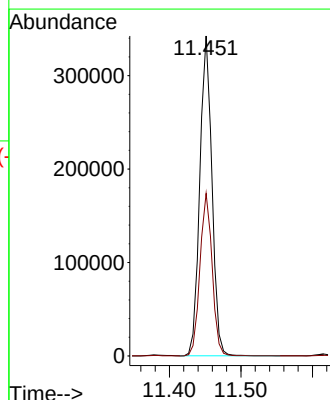
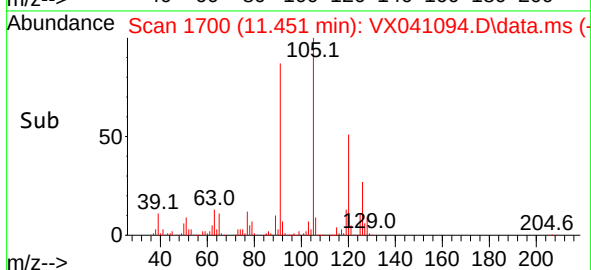
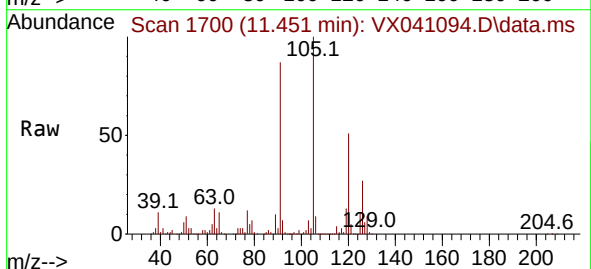
Acq: 16 Apr 2024 10:34

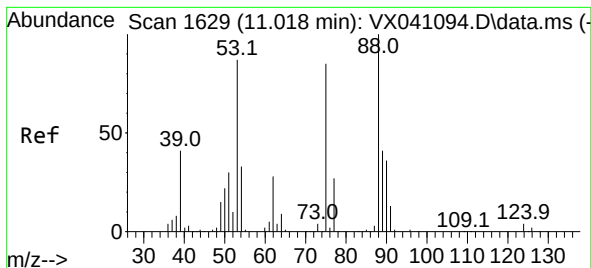
Tgt Ion:105 Resp: 402765

Ion Ratio Lower Upper

105 100

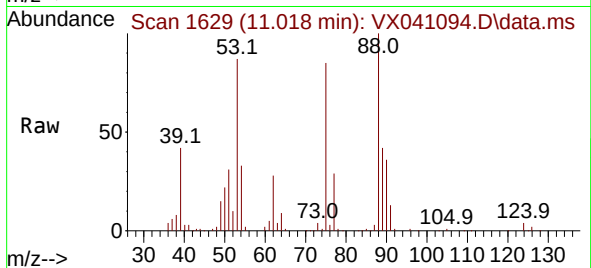
120 50.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 49.181 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

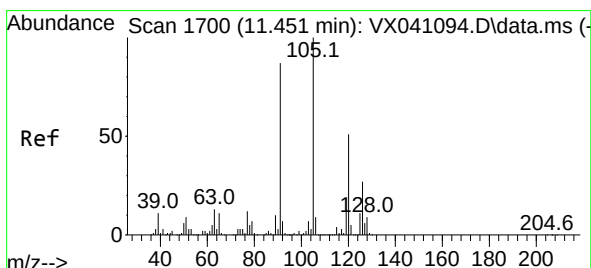
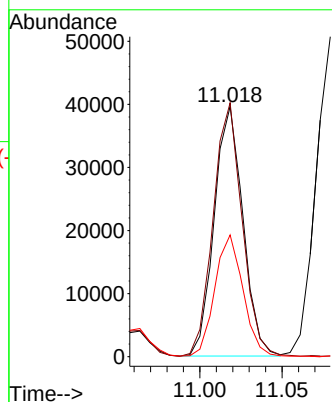
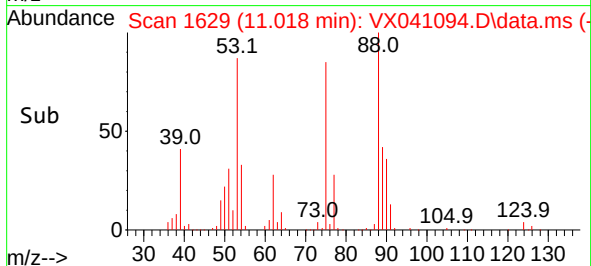
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 47938
Ion Ratio Lower Upper
75 100
53 103.7 90.5 135.7
89 48.2 36.9 55.3

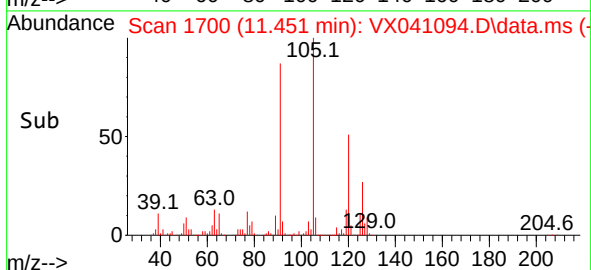
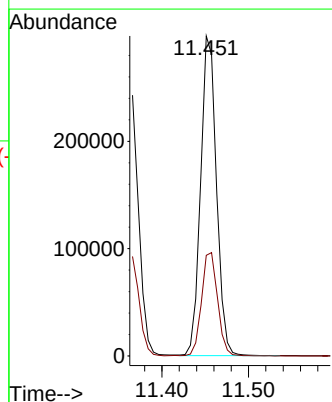
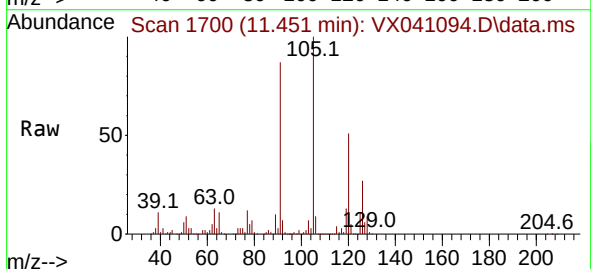
Manual Integrations
APPROVED

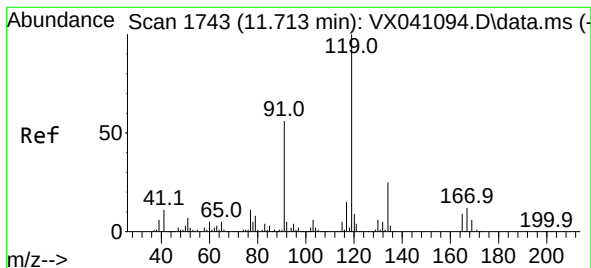
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#82
4-Chlorotoluene
Concen: 52.017 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

Tgt Ion: 91 Resp: 377952
Ion Ratio Lower Upper
91 100
126 33.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 52.981 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:119 Resp: 429659

Ion Ratio Lower Upper

119 100

91 53.2 31.2 93.6

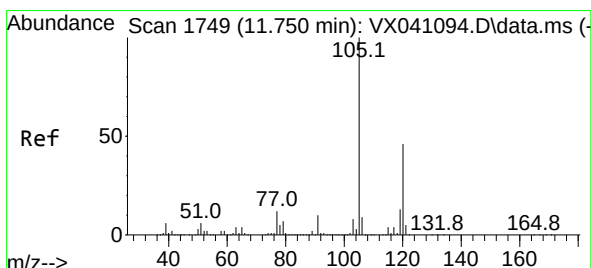
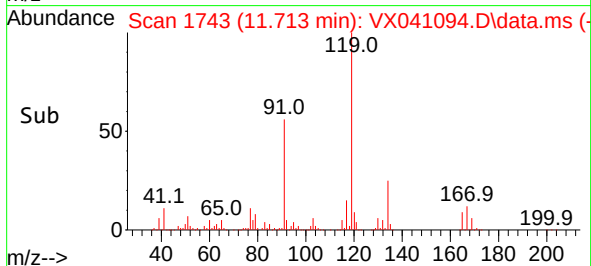
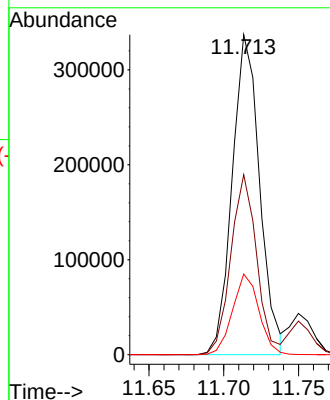
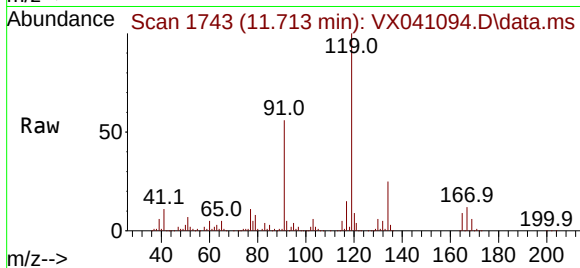
134 24.3 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#84

1,2,4-Trimethylbenzene

Concen: 53.568 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX041094.D

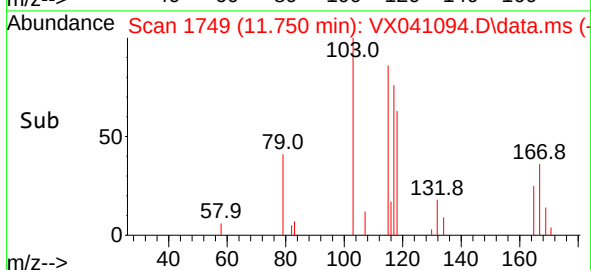
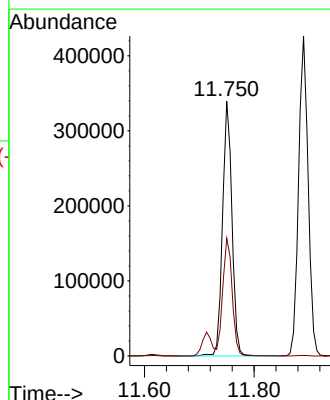
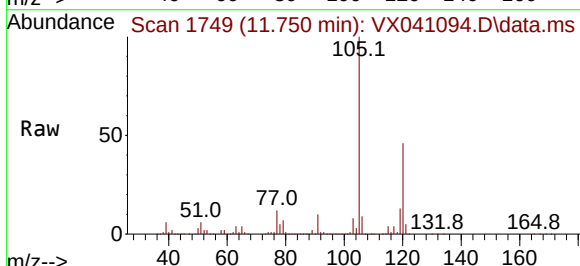
Acq: 16 Apr 2024 10:34

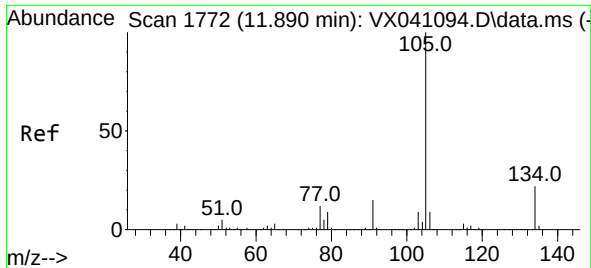
Tgt Ion:105 Resp: 406511

Ion Ratio Lower Upper

105 100

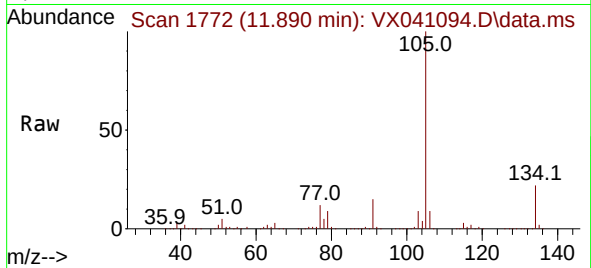
120 46.0 21.2 63.6





#85
sec-Butylbenzene
Concen: 52.603 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

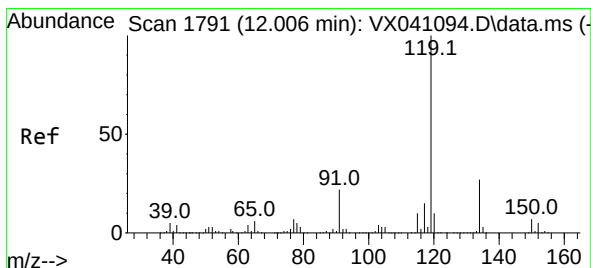
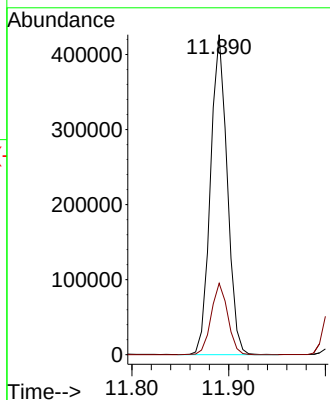
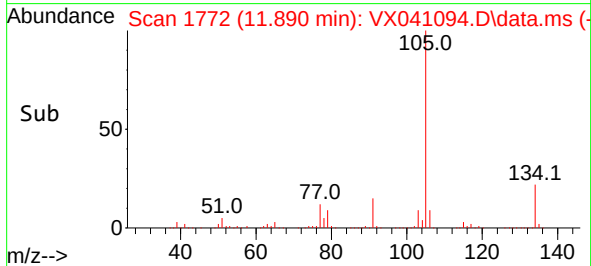
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



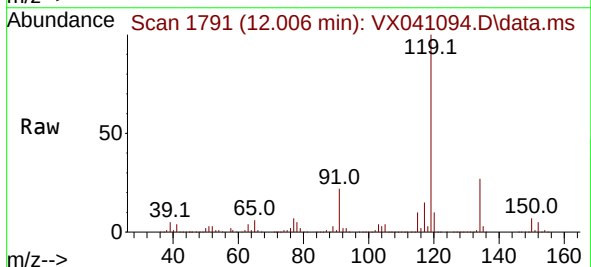
Tgt Ion:105 Resp: 511862
Ion Ratio Lower Upper
105 100
134 22.1 9.8 29.4

Manual Integrations
APPROVED

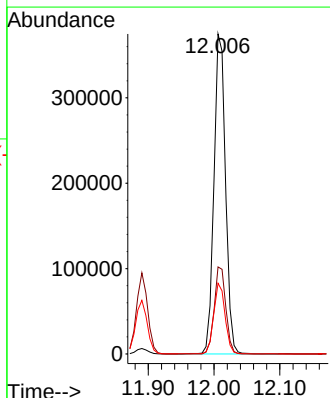
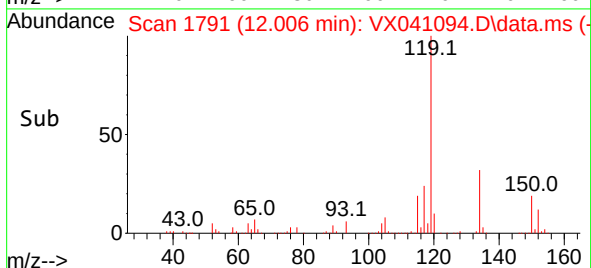
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

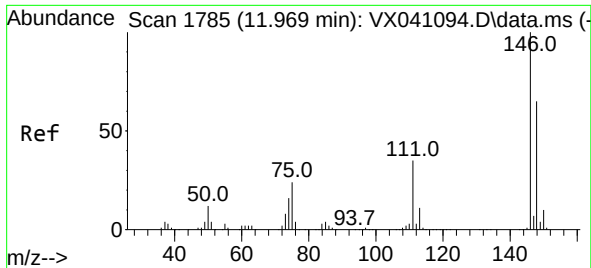


#86
p-Isopropyltoluene
Concen: 53.044 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34



Tgt Ion:119 Resp: 458082
Ion Ratio Lower Upper
119 100
134 27.2 12.8 38.3
91 21.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.779 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 25671

Ion Ratio Lower Upper

146 100

111 36.0 22.1 66.1

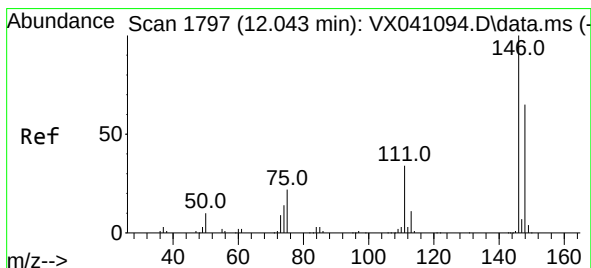
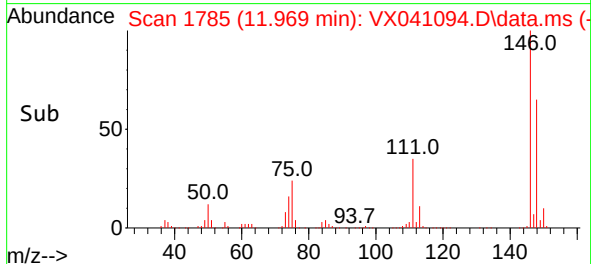
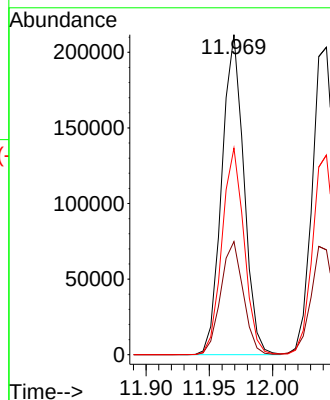
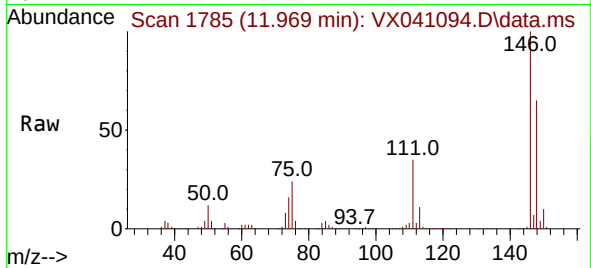
148 64.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#88

1,4-Dichlorobenzene

Concen: 48.708 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

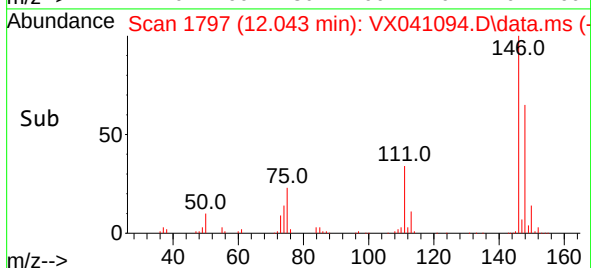
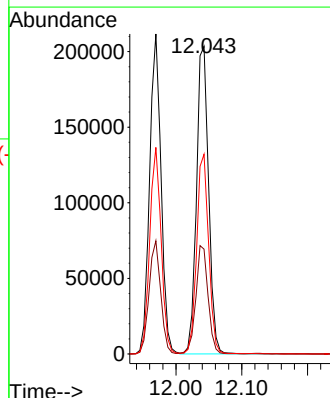
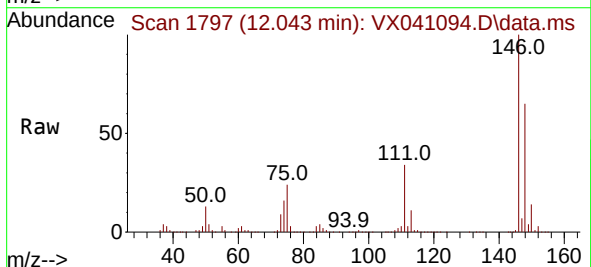
Tgt Ion:146 Resp: 259692

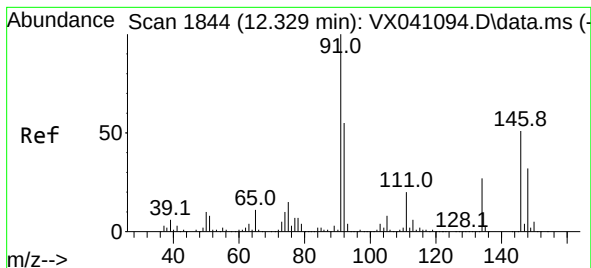
Ion Ratio Lower Upper

146 100

111 35.4 21.3 63.7

148 64.0 31.8 95.4





#89

n-Butylbenzene

Concen: 53.398 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

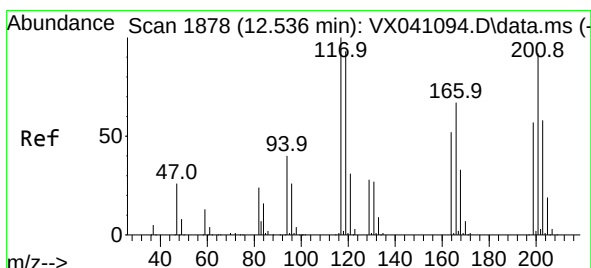
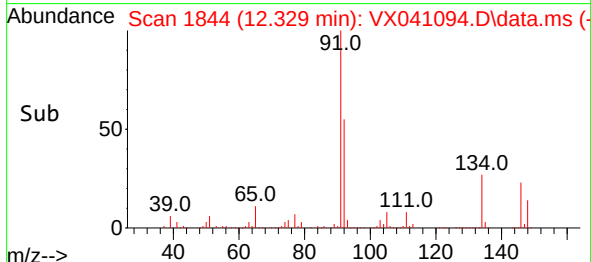
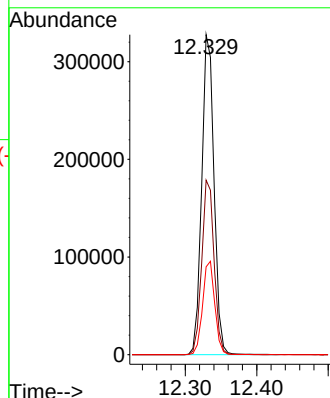
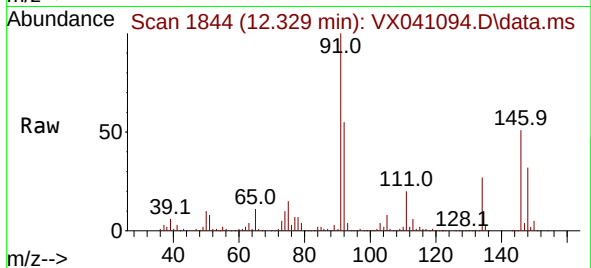
Tgt Ion: 91 Resp: 391229
 Ion Ratio Lower Upper
 91 100
 92 54.9 27.4 82.0
 134 28.9 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#90

Hexachloroethane

Concen: 53.038 ug/l

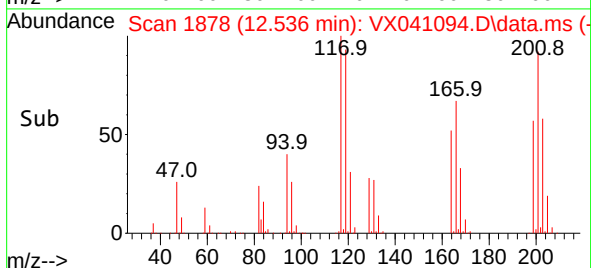
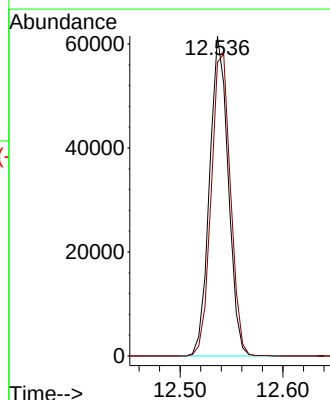
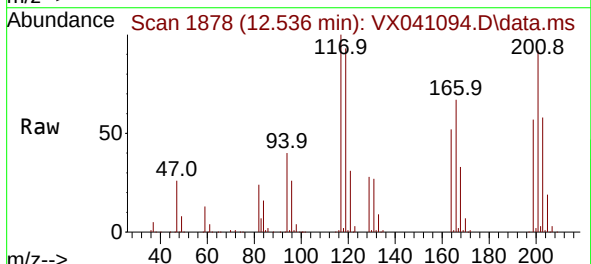
RT: 12.536 min Scan# 1878

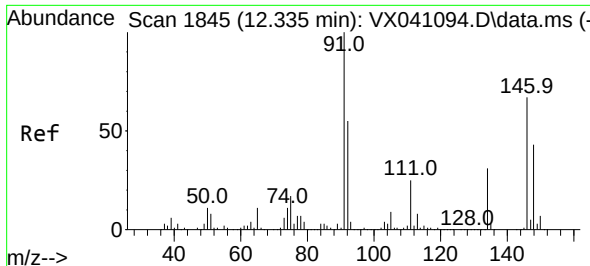
Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

Tgt Ion:117 Resp: 77561
 Ion Ratio Lower Upper
 117 100
 201 97.3 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 50.894 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041094.D

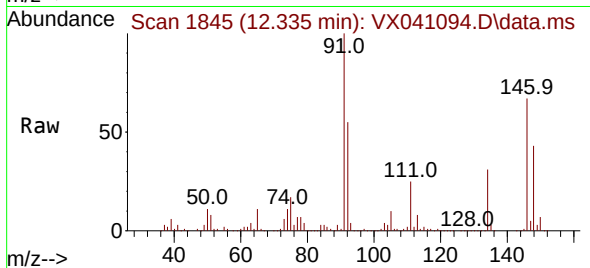
Acq: 16 Apr 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050



Tgt Ion:146 Resp: 255328

Ion Ratio Lower Upper

146 100

111 37.5 22.4 67.0

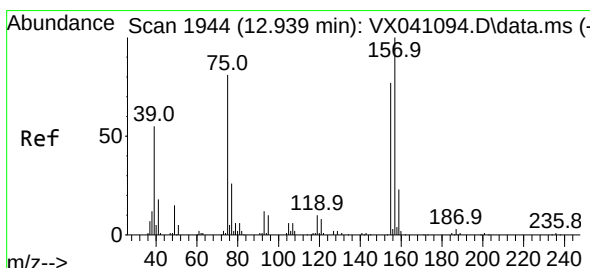
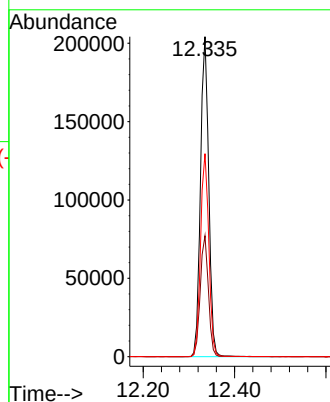
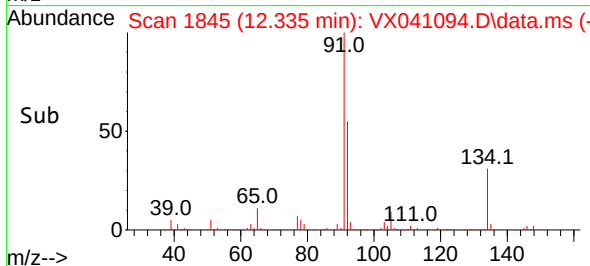
148 63.6 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.413 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX041094.D

Acq: 16 Apr 2024 10:34

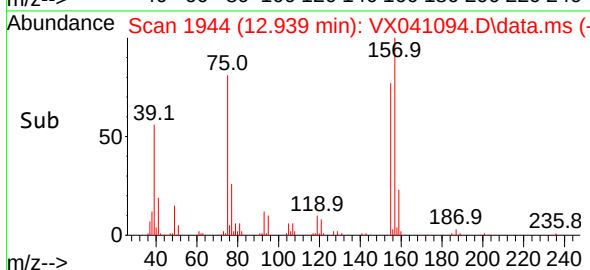
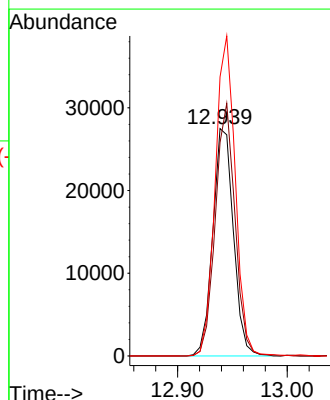
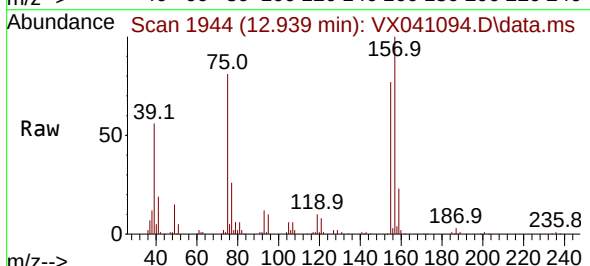
Tgt Ion: 75 Resp: 36001

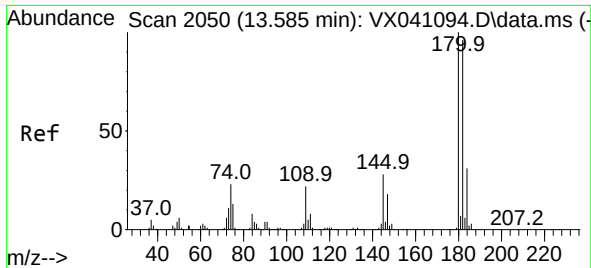
Ion Ratio Lower Upper

75 100

155 105.5 36.1 108.5

157 136.3 44.9 134.7#





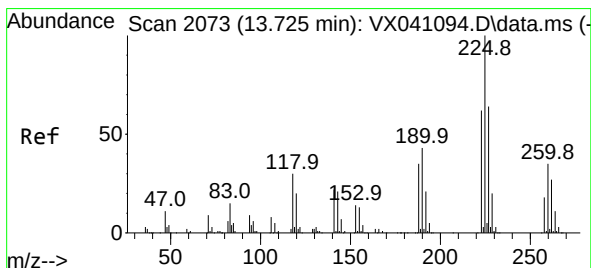
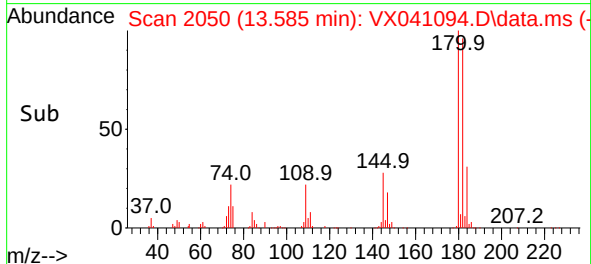
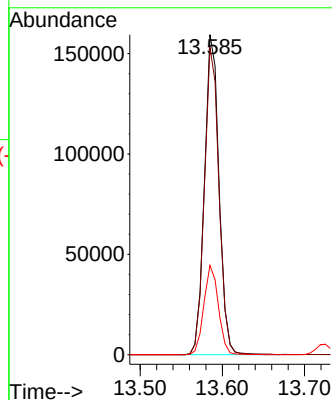
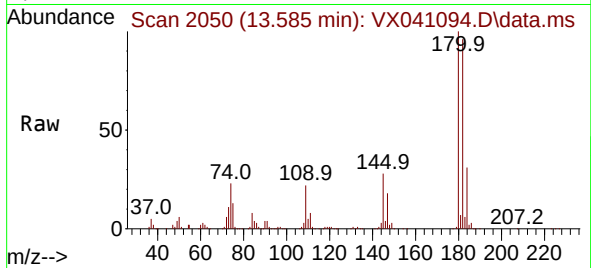
#93
1,2,4-Trichlorobenzene
Concen: 51.968 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:180 Resp: 195940
Ion Ratio Lower Upper
180 100
182 96.2 48.3 144.8
145 27.9 18.0 54.0

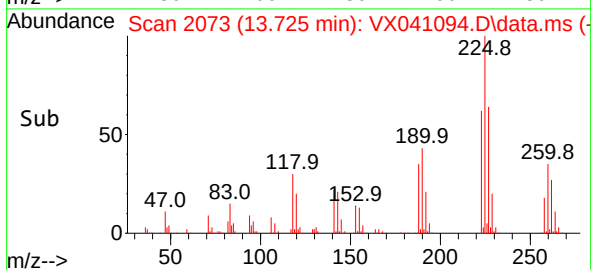
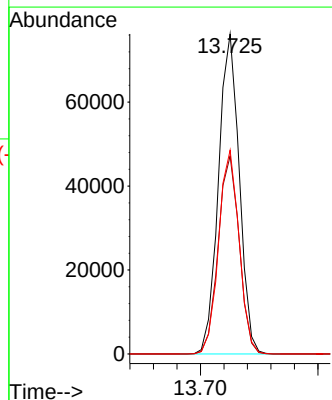
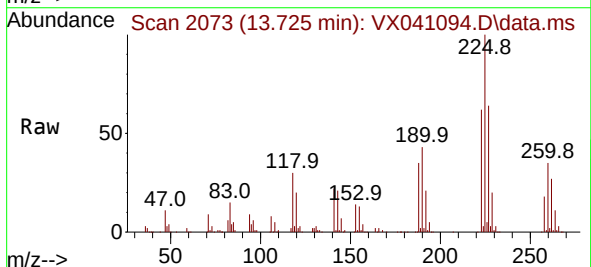
Manual Integrations
APPROVED

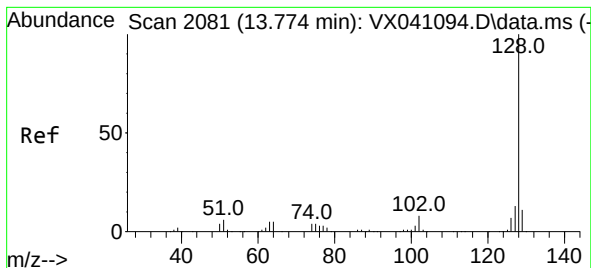
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#94
Hexachlorobutadiene
Concen: 52.091 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

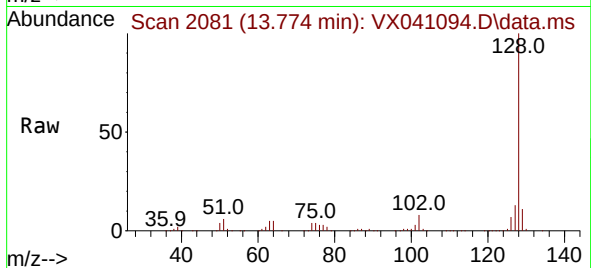
Tgt Ion:225 Resp: 93631
Ion Ratio Lower Upper
225 100
223 62.3 31.1 93.2
227 62.8 32.5 97.5





#95
Naphthalene
Concen: 55.213 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34

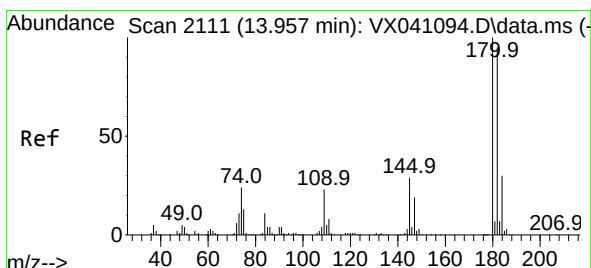
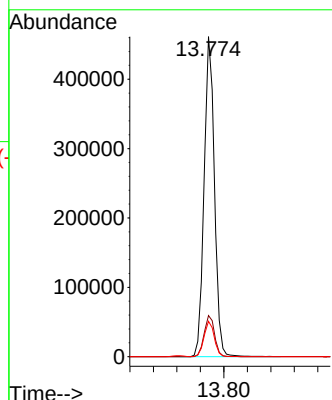
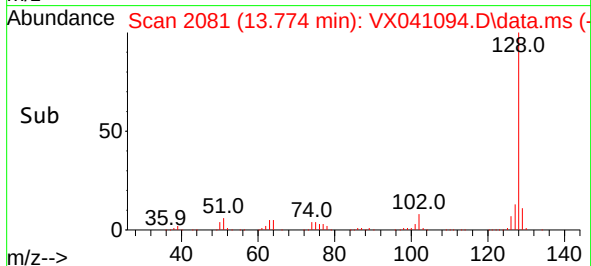
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



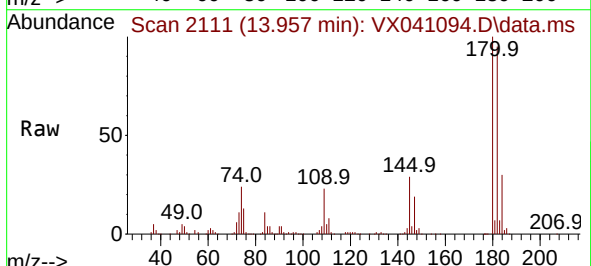
Tgt Ion:128 Resp: 562284
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#96
1,2,3-Trichlorobenzene
Concen: 51.843 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX041094.D
Acq: 16 Apr 2024 10:34



Tgt Ion:180 Resp: 194093
Ion Ratio Lower Upper
180 100
182 96.3 46.9 140.6
145 29.3 17.8 53.5

