

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040291.D
 Acq On : 17 Feb 2024 10:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/20/2024
 Supervised By : Mahesh Dadoda 02/20/2024

Quant Time: Feb 19 03:49:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	78708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129594	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	55047	47.011	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.020%		
35) Dibromofluoromethane	5.379	113	44089	48.716	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.440%		
50) Toluene-d8	8.647	98	163571	48.317	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.640%		
62) 4-Bromofluorobenzene	11.079	95	67524	48.906	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	46945	52.802	ug/l	96
3) Chloromethane	1.294	50	43299	47.228	ug/l	99
4) Vinyl Chloride	1.374	62	47957	49.498	ug/l	99
5) Bromomethane	1.599	94	33651	61.549	ug/l	99
6) Chloroethane	1.684	64	29768	48.717	ug/l	98
7) Trichlorofluoromethane	1.886	101	78918	50.721	ug/l	100
8) Diethyl Ether	2.130	74	29379	50.265	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	44980	53.894	ug/l	98
10) Methyl Iodide	2.453	142	55100	59.466	ug/l	92
11) Tert butyl alcohol	2.953	59	52514	230.242	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	41981	52.243	ug/l	84
13) Acrolein	2.233	56	51009	242.298	ug/l	99
14) Allyl chloride	2.660	41	71154	51.024	ug/l	96
15) Acrylonitrile	3.056	53	130894	256.490	ug/l	98
16) Acetone	2.373	43	132938	276.427	ug/l	93
17) Carbon Disulfide	2.507	76	99596	46.946	ug/l	99
18) Methyl Acetate	2.696	43	57637	44.707	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	151652	53.568	ug/l	98
20) Methylene Chloride	2.788	84	48712	54.163	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	45080	49.257	ug/l	93
22) Diisopropyl ether	3.757	45	155830	55.099	ug/l	89
23) Vinyl Acetate	3.715	43	702204	278.519	ug/l	98
24) 1,1-Dichloroethane	3.605	63	87581	53.162	ug/l	100
25) 2-Butanone	4.550	43	190588	253.530	ug/l	97
26) 2,2-Dichloropropane	4.471	77	70783	55.814	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	55438	53.099	ug/l	94
28) Bromochloromethane	4.897	49	39416	56.353	ug/l	92
29) Tetrahydrofuran	4.995	42	121179	247.429	ug/l	96
30) Chloroform	5.092	83	95269	53.487	ug/l	95
31) Cyclohexane	5.464	56	69916	50.059	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	80262	53.564	ug/l	99
36) 1,1-Dichloropropene	5.690	75	65667	51.797	ug/l	97
37) Ethyl Acetate	4.708	43	73357	52.002	ug/l	98
38) Carbon Tetrachloride	5.672	117	65944	54.707	ug/l	93
39) Methylcyclohexane	7.379	83	76561	51.965	ug/l	96
40) Benzene	6.031	78	192087	54.181	ug/l	96

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	40428	54.061	ug/l	93
42) 1,2-Dichloroethane	6.080	62	76096	54.914	ug/l	100
43) Isopropyl Acetate	6.336	43	118519	53.821	ug/l	98
44) Trichloroethene	7.123	130	52053	53.228	ug/l	98
45) 1,2-Dichloropropane	7.427	63	52862	57.286	ug/l	98
46) Dibromomethane	7.580	93	39012	57.404	ug/l	96
47) Bromodichloromethane	7.818	83	73303	55.978	ug/l	95
48) Methyl methacrylate	7.689	41	59718	52.999	ug/l	91
49) 1,4-Dioxane	7.653	88	22279	908.884	ug/l #	92
51) 4-Methyl-2-Pentanone	8.567	43	401651	267.151	ug/l	99
52) Toluene	8.714	92	126471	54.462	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	83101	53.249	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	85704	58.398	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	55691	56.228	ug/l	98
56) Ethyl methacrylate	9.116	69	83739	56.476	ug/l	96
57) 1,3-Dichloropropane	9.305	76	89509	55.368	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	185128	263.931	ug/l	98
59) 2-Hexanone	9.427	43	322510	270.558	ug/l	98
60) Dibromochloromethane	9.518	129	58484	57.957	ug/l	99
61) 1,2-Dibromoethane	9.610	107	59676	56.684	ug/l	98
64) Tetrachloroethene	9.268	164	45041	49.929	ug/l	96
65) Chlorobenzene	10.079	112	141791	52.776	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	52212	56.112	ug/l	98
67) Ethyl Benzene	10.189	91	260841	54.513	ug/l	100
68) m/p-Xylenes	10.299	106	195614	108.245	ug/l	97
69) o-Xylene	10.640	106	97517	55.530	ug/l	98
70) Styrene	10.652	104	165087	56.543	ug/l	99
71) Bromoform	10.799	173	44734	51.149	ug/l #	99
73) Isopropylbenzene	10.963	105	266802	54.315	ug/l	99
74) N-amyl acetate	10.841	43	117570	55.838	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	93703	53.096	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	78078m	55.284	ug/l	
77) Bromobenzene	11.195	156	63542	54.769	ug/l	96
78) n-propylbenzene	11.305	91	327163	55.013	ug/l	99
79) 2-Chlorotoluene	11.360	91	191771	53.401	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	230274	55.683	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	25156	50.017	ug/l	95
82) 4-Chlorotoluene	11.451	91	228700	53.750	ug/l	99
83) tert-Butylbenzene	11.713	119	221616	54.661	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	230275	55.039	ug/l	100
85) sec-Butylbenzene	11.890	105	294716	56.562	ug/l	100
86) p-Isopropyltoluene	12.006	119	239925	56.173	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	127281	55.369	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	130138	53.462	ug/l	98
89) n-Butylbenzene	12.329	91	231524	56.155	ug/l	98
90) Hexachloroethane	12.536	117	39211	58.201	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	123204	55.364	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21826	53.585	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	85267	55.967	ug/l	95
94) Hexachlorobutadiene	13.725	225	34134	56.137	ug/l	100
95) Naphthalene	13.774	128	264224	54.911	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	81374	56.034	ug/l	99

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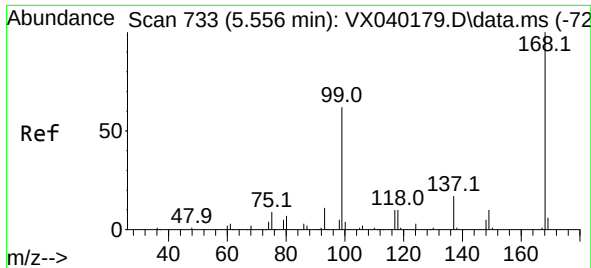
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

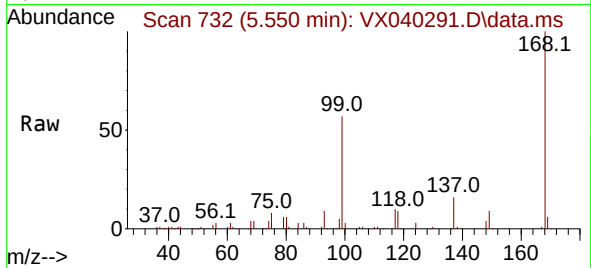
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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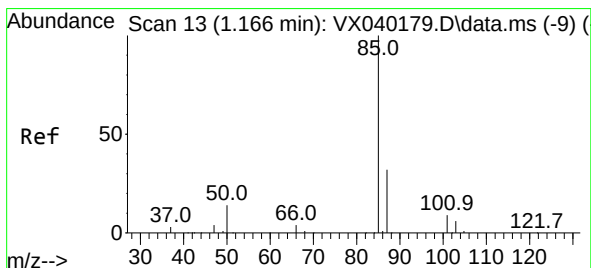
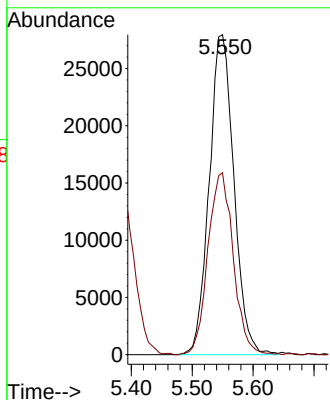
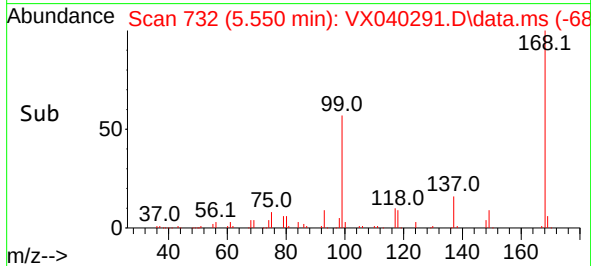
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 78708
Ion Ratio Lower Upper
168 100
99 56.9 56.6 85.0

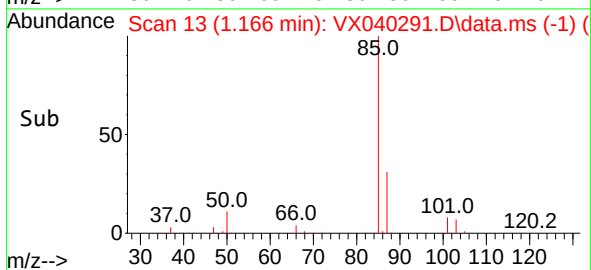
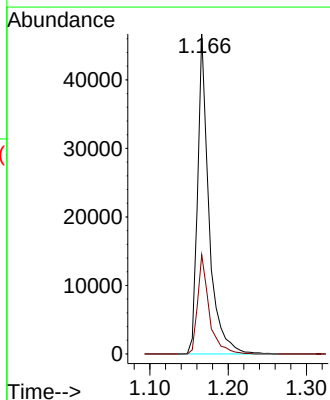
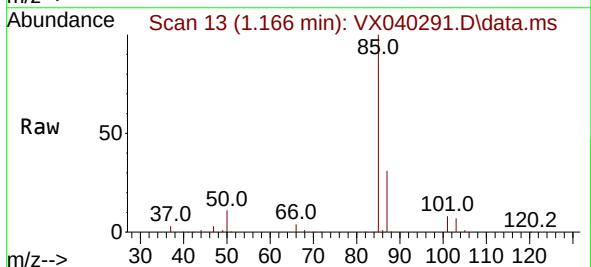
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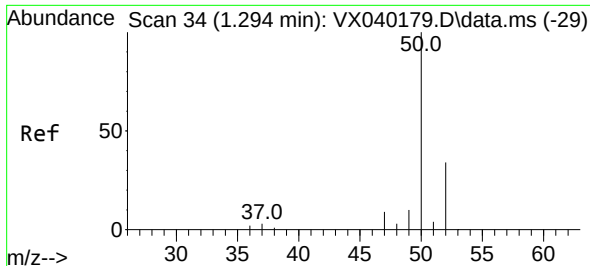
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#2
Dichlorodifluoromethane
Concen: 52.802 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Tgt Ion: 85 Resp: 46945
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.1





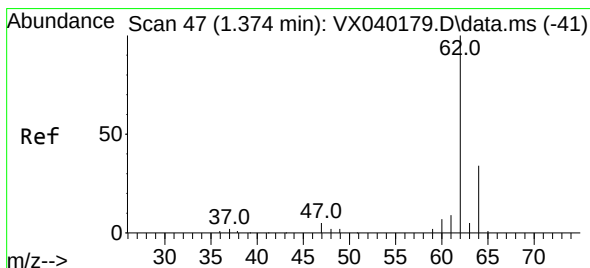
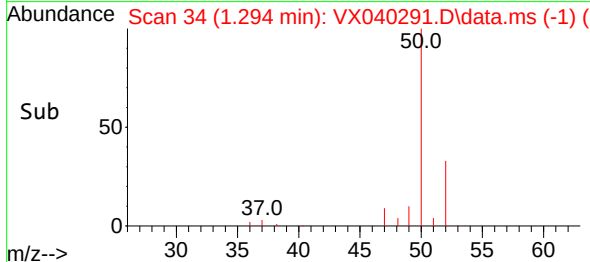
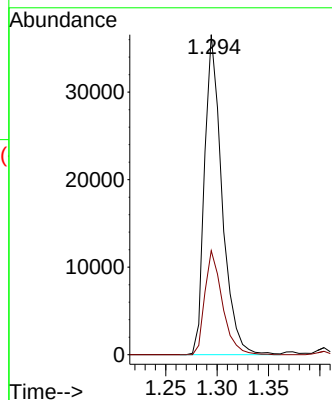
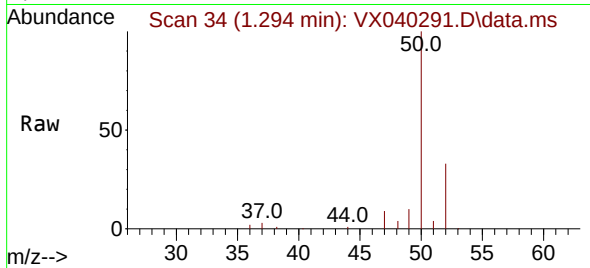
#3
Chloromethane
Concen: 47.228 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

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ClientSampleId :
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Tgt Ion: 50 Resp: 43299
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3

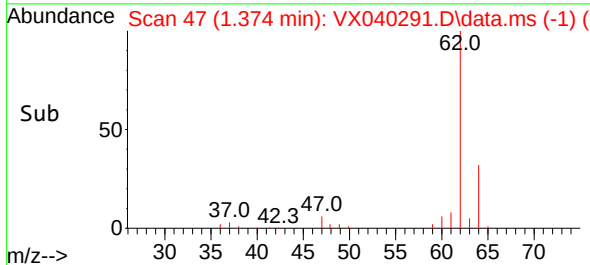
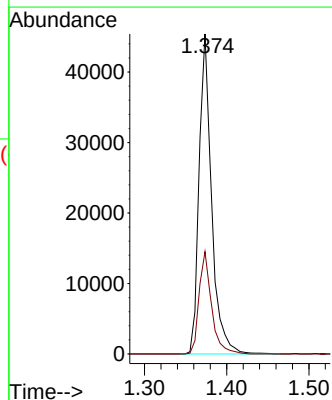
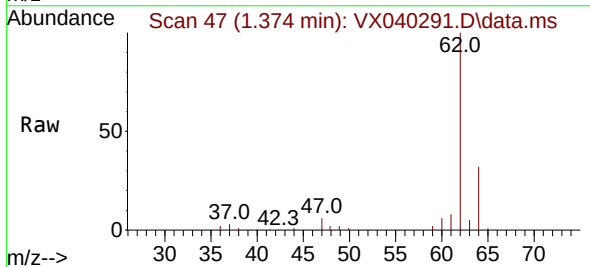
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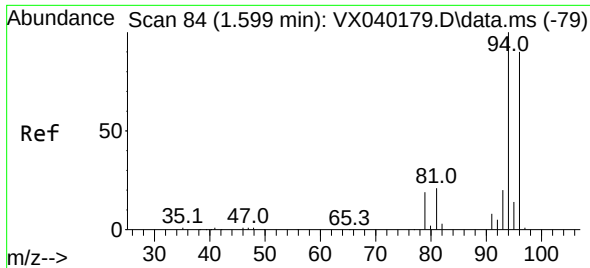
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#4
Vinyl Chloride
Concen: 49.498 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

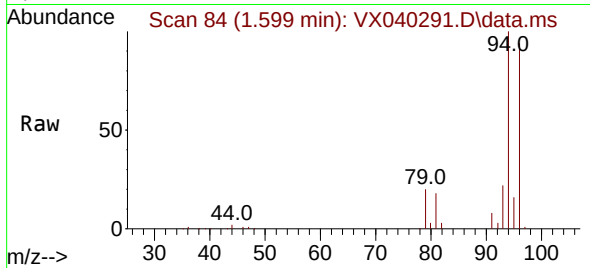
Tgt Ion: 62 Resp: 47957
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





#5
Bromomethane
Concen: 61.549 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

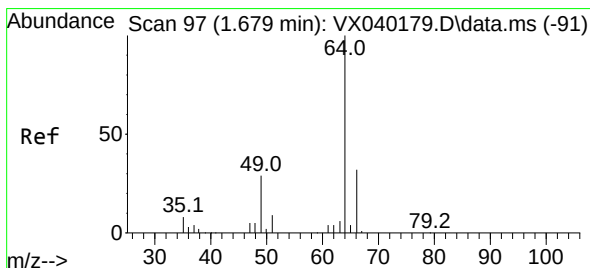
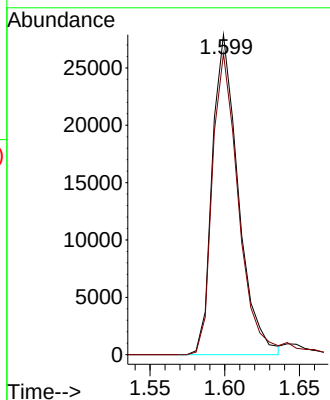
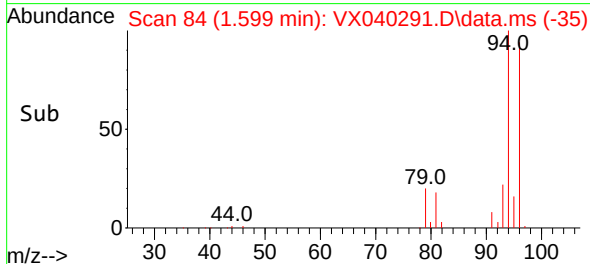
Instrument :
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Tgt Ion: 94 Resp: 3365
Ion Ratio Lower Upper
94 100
96 94.1 74.6 111.8

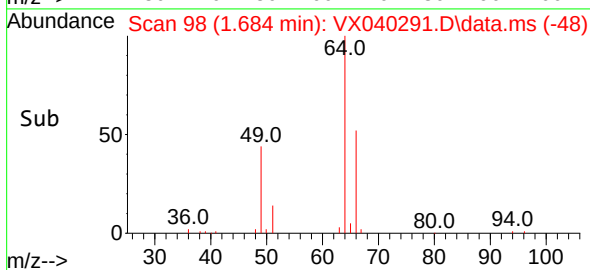
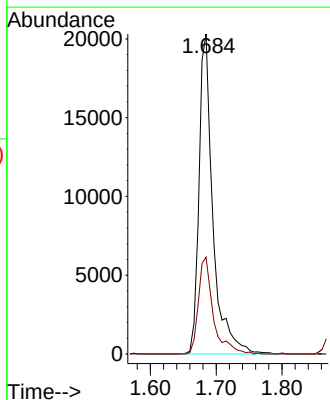
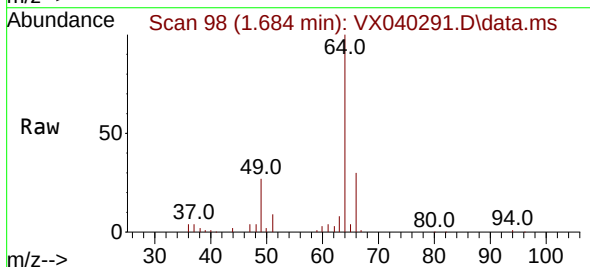
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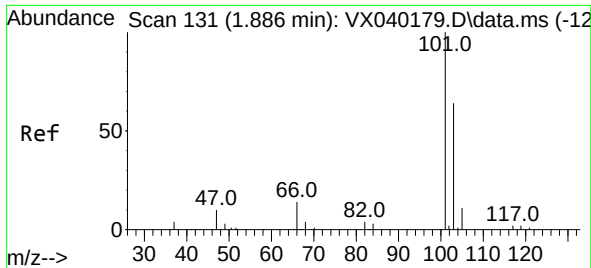
Reviewed By :John Carlone 02/20/2024
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#6
Chloroethane
Concen: 48.717 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX040291.D
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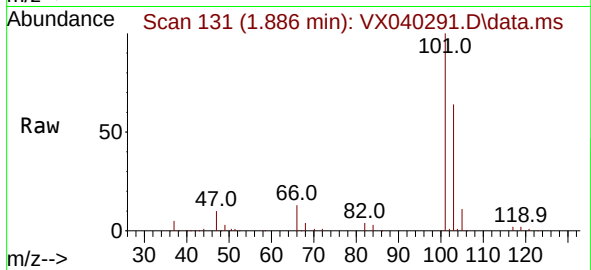
Tgt Ion: 64 Resp: 29768
Ion Ratio Lower Upper
64 100
66 30.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 50.721 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040291.D
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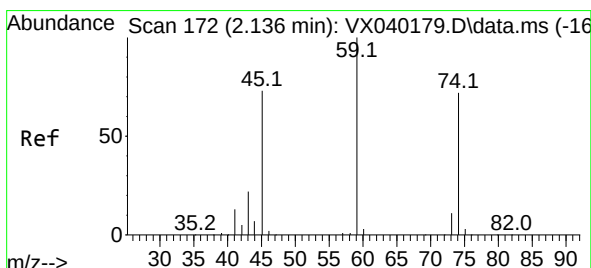
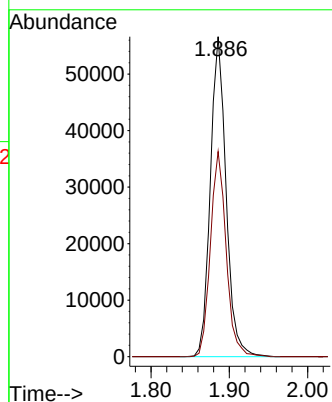
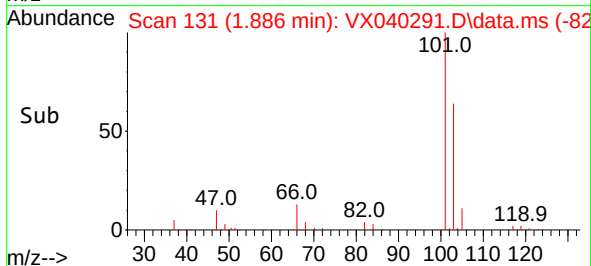
Instrument :
MSVOA_X
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VSTDCCC050



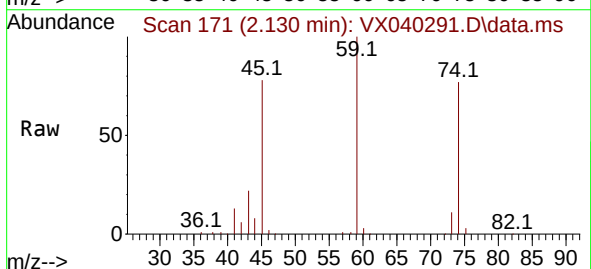
Tgt Ion:101 Resp: 78918
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2

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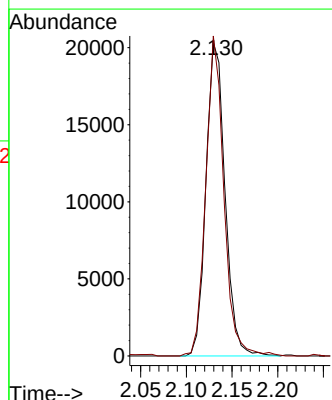
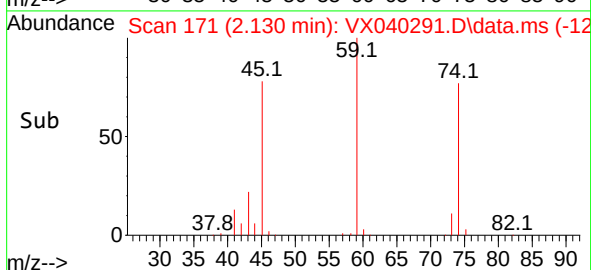
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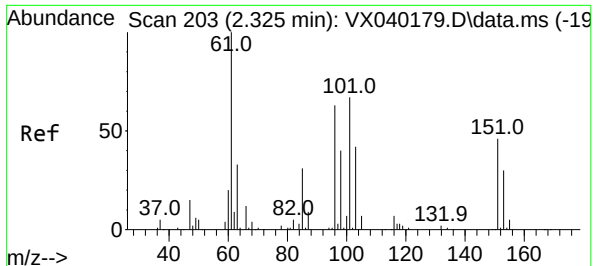


#8
Diethyl Ether
Concen: 50.265 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55



Tgt Ion: 74 Resp: 29379
Ion Ratio Lower Upper
74 100
45 96.7 53.3 159.8





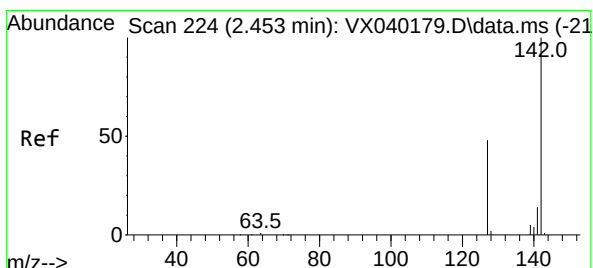
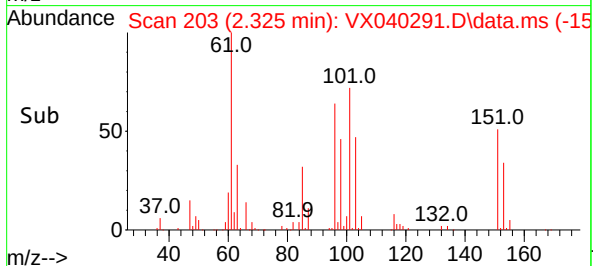
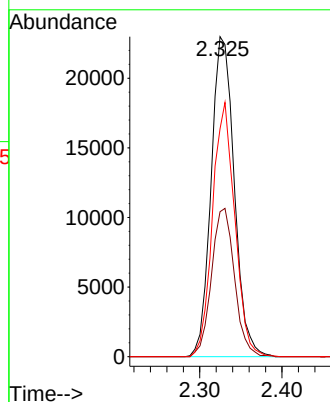
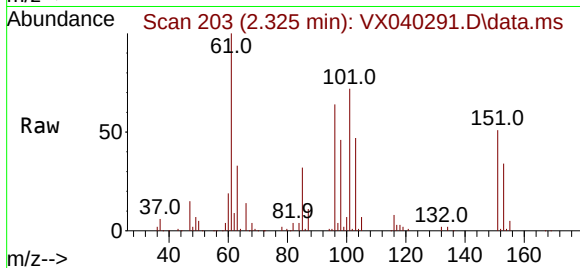
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.894 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

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Tgt Ion:101 Resp: 44980
Ion Ratio Lower Upper
101 100
85 46.0 37.0 55.6
151 76.4 58.6 87.8

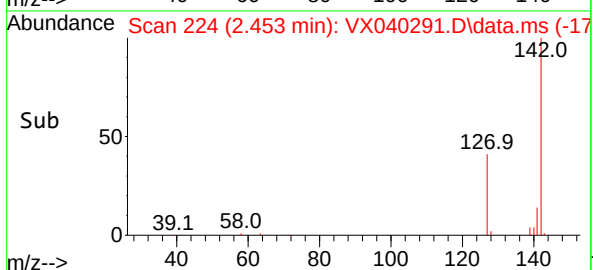
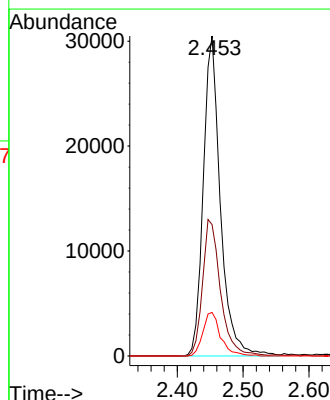
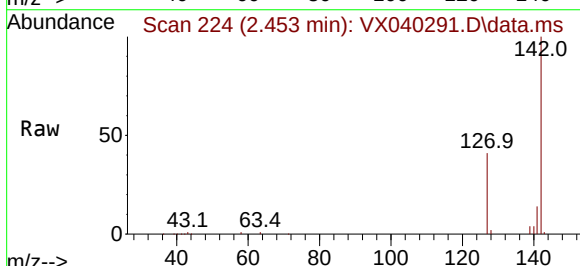
Manual Integrations
APPROVED

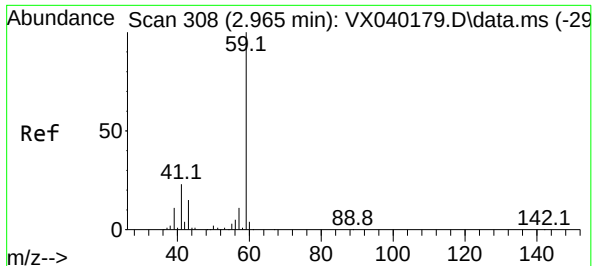
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#10
Methyl Iodide
Concen: 59.466 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Tgt Ion:142 Resp: 55100
Ion Ratio Lower Upper
142 100
127 44.7 41.6 62.4
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 230.242 ug/l

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX040291.D

Acq: 17 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 52514

Ion Ratio Lower Upper

59 100

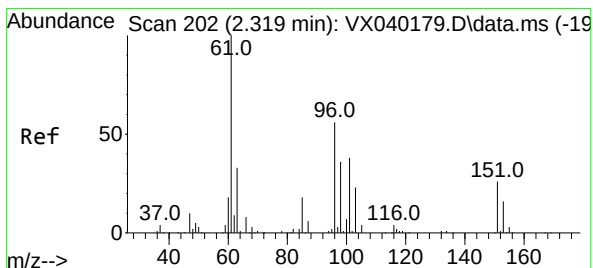
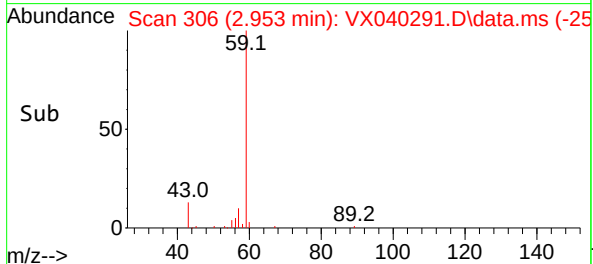
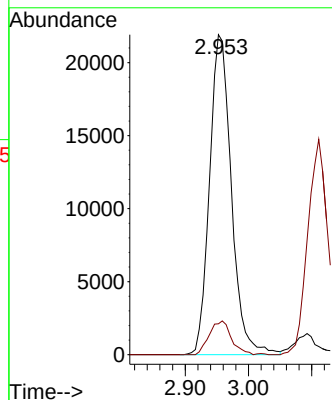
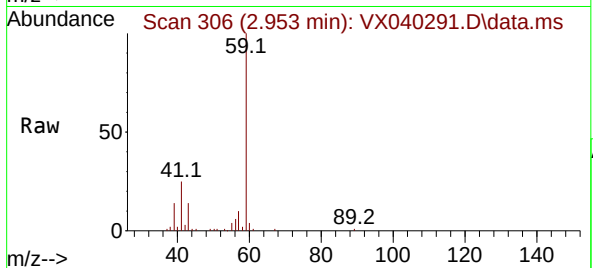
57 10.7 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#12

1,1-Dichloroethene

Concen: 52.243 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040291.D

Acq: 17 Feb 2024 10:55

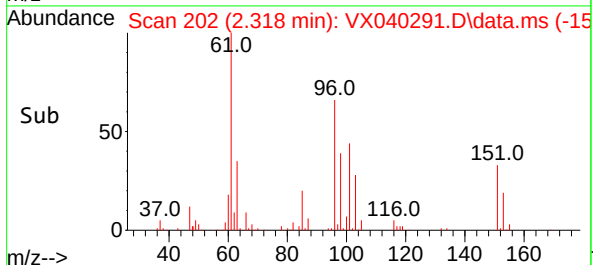
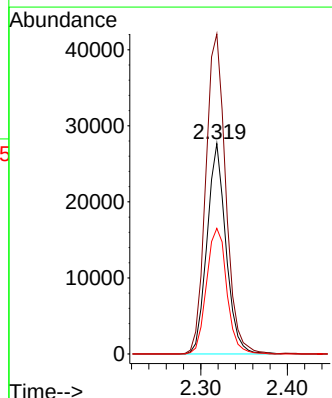
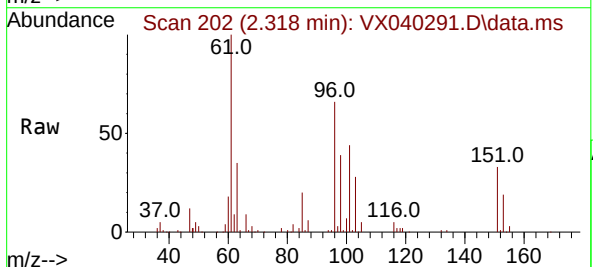
Tgt Ion: 96 Resp: 41981

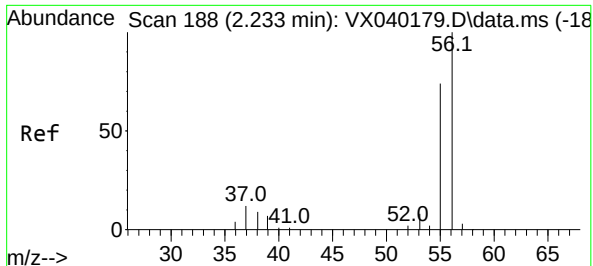
Ion Ratio Lower Upper

96 100

61 152.1 144.6 216.8

98 59.7 50.4 75.6





#13

Acrolein

Concen: 242.298 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040291.D

Acq: 17 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 51009

Ion Ratio Lower Upper

56 100

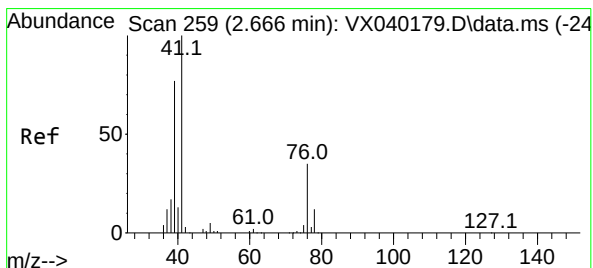
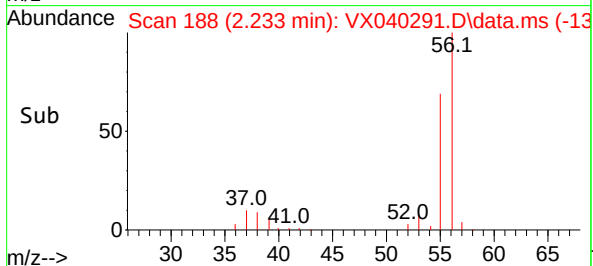
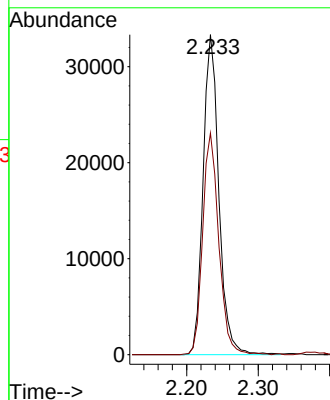
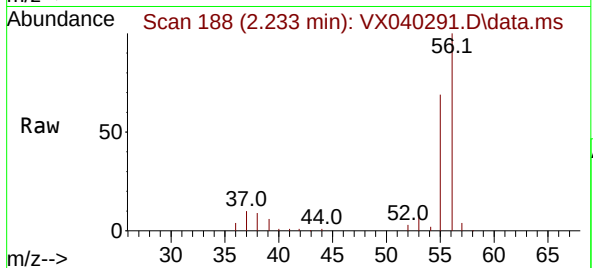
55 70.9 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#14

Allyl chloride

Concen: 51.024 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX040291.D

Acq: 17 Feb 2024 10:55

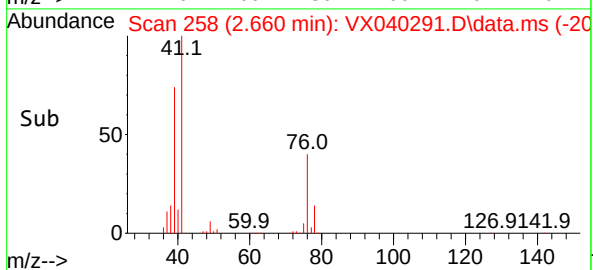
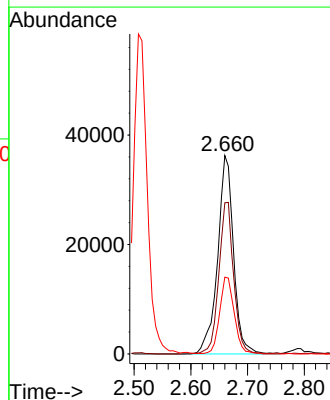
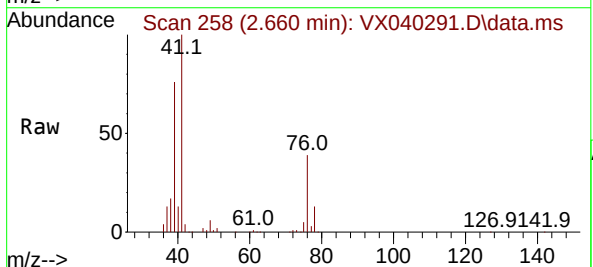
Tgt Ion: 41 Resp: 71154

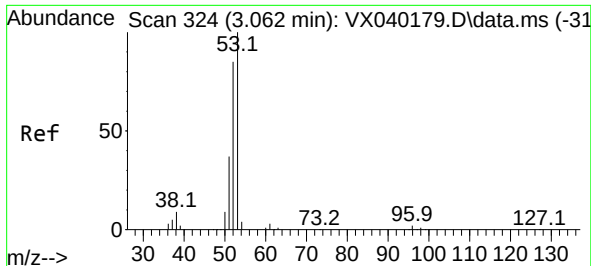
Ion Ratio Lower Upper

41 100

39 70.9 55.8 83.6

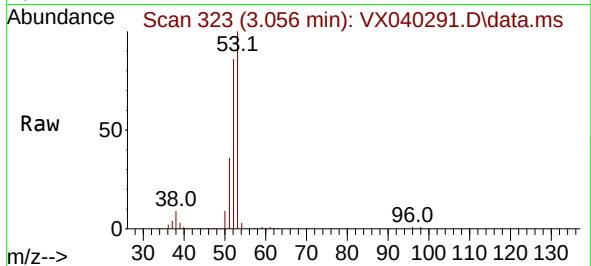
76 35.3 24.3 36.5





#15
Acrylonitrile
Concen: 256.490 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

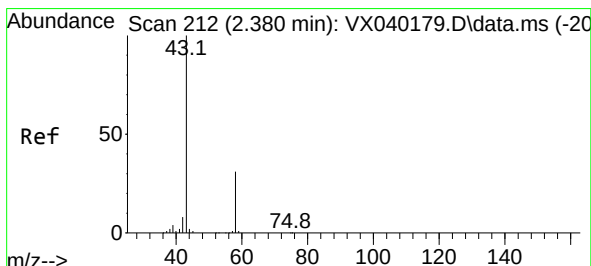
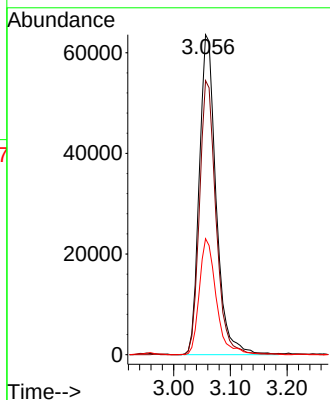
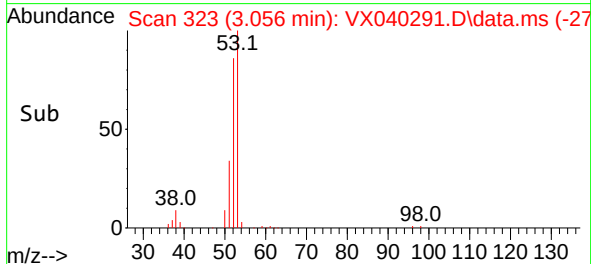
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 130894
Ion Ratio Lower Upper
53 100
52 84.3 66.0 99.0
51 36.7 29.8 44.6

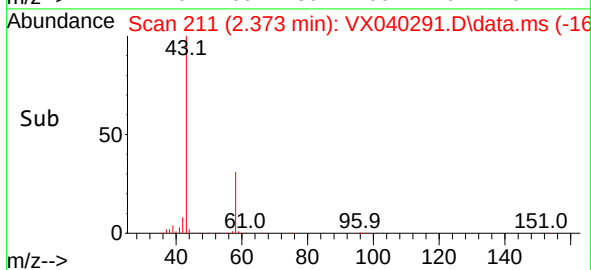
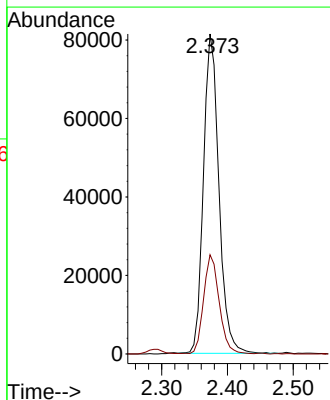
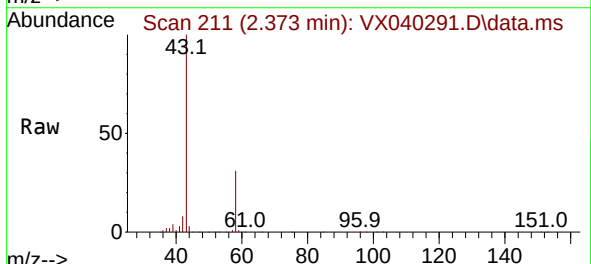
Manual Integrations
APPROVED

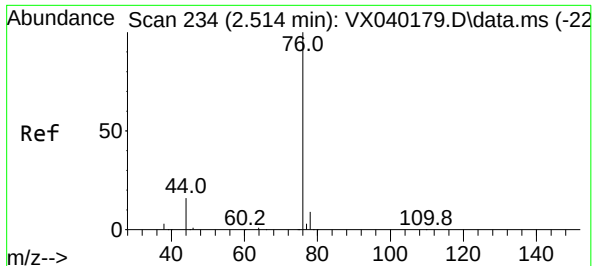
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#16
Acetone
Concen: 276.427 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Tgt Ion: 43 Resp: 132938
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9





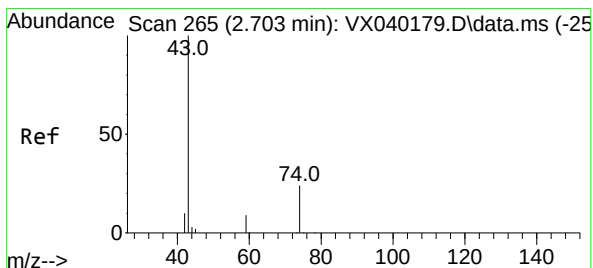
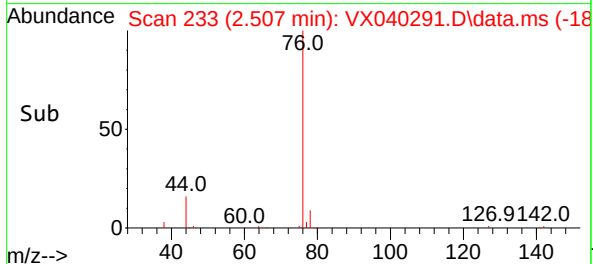
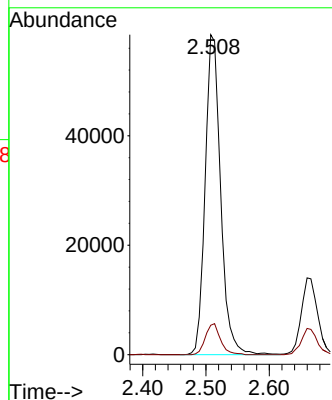
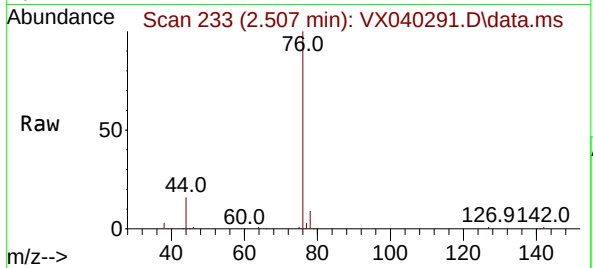
#17
Carbon Disulfide
Concen: 46.946 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 99590
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

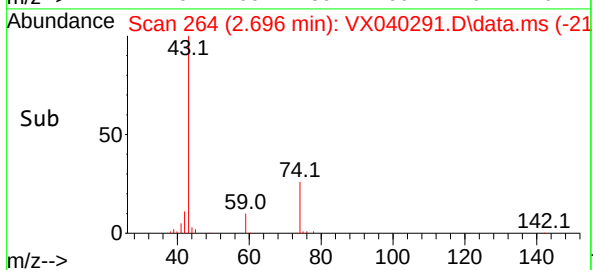
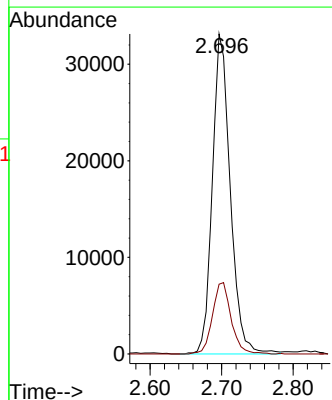
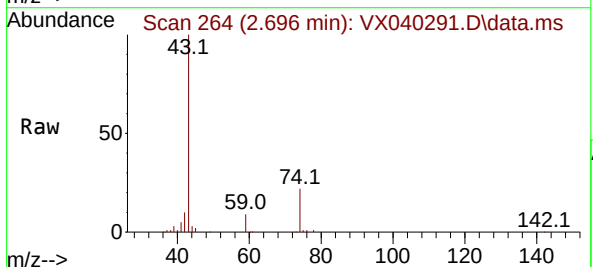
Manual Integrations
APPROVED

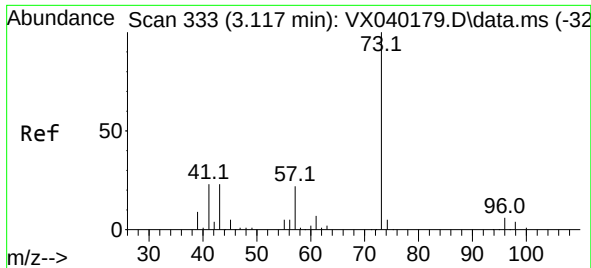
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#18
Methyl Acetate
Concen: 44.707 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Tgt Ion: 43 Resp: 57637
Ion Ratio Lower Upper
43 100
74 23.2 17.8 26.8





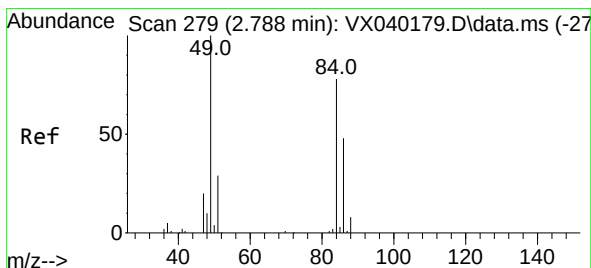
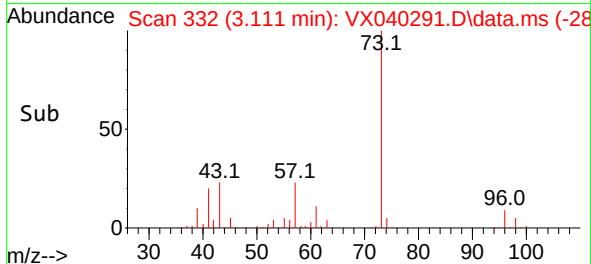
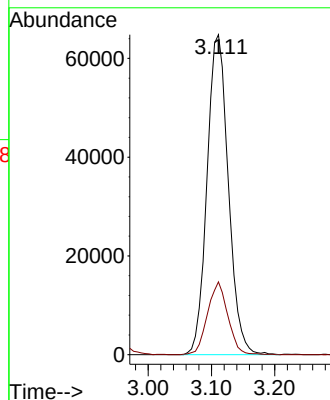
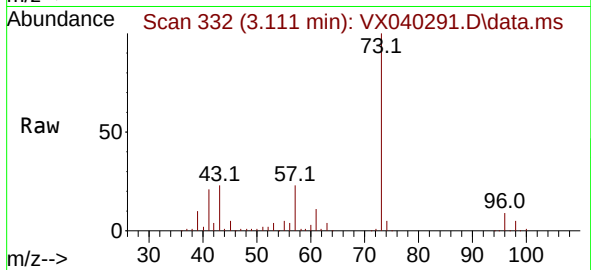
#19
Methyl tert-butyl Ether
Concen: 53.568 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 151652
Ion Ratio Lower Upper
73 100
57 22.8 17.3 25.9

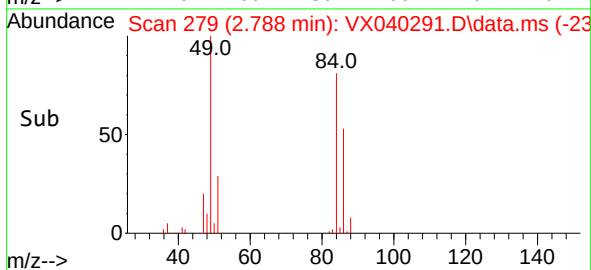
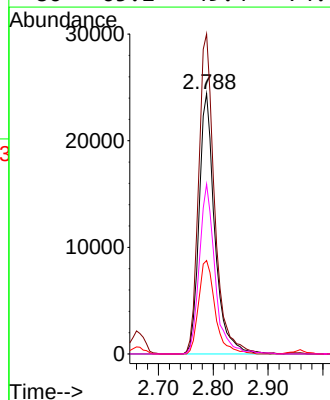
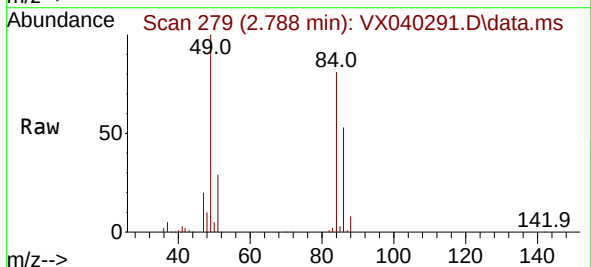
Manual Integrations
APPROVED

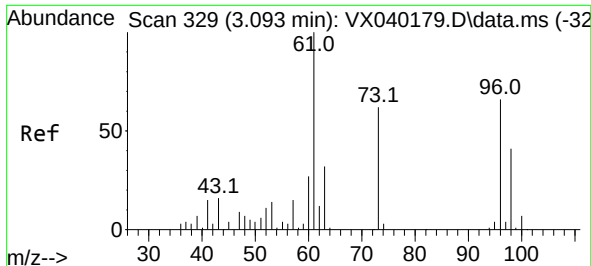
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#20
Methylene Chloride
Concen: 54.163 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

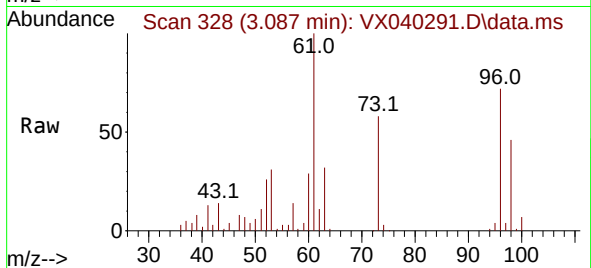
Tgt Ion: 84 Resp: 48712
Ion Ratio Lower Upper
84 100
49 122.9 103.6 155.4
51 35.9 33.8 50.6
86 65.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.257 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

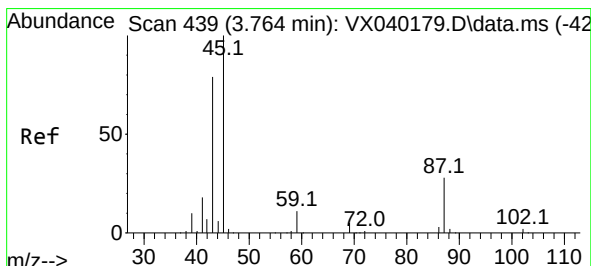
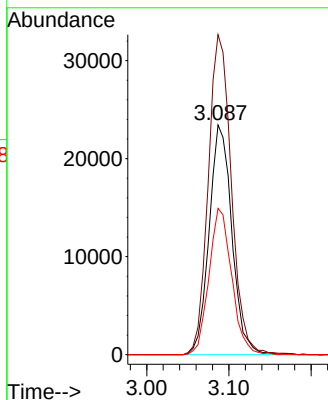
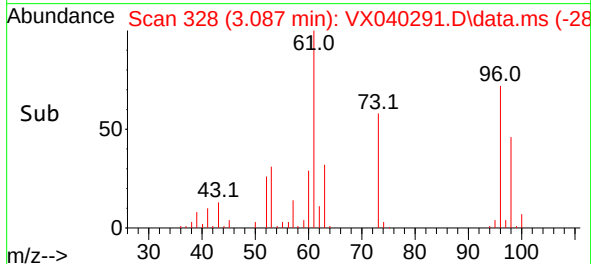
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



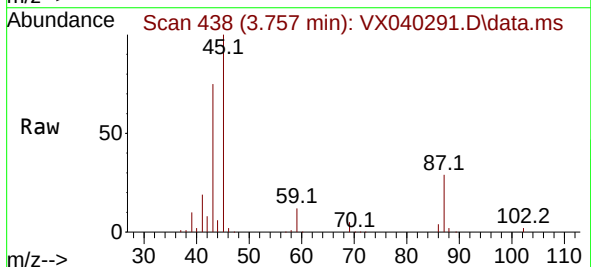
Tgt Ion: 96 Resp: 45080
Ion Ratio Lower Upper
96 100
61 139.3 119.2 178.8
98 63.6 48.7 73.1

Manual Integrations
APPROVED

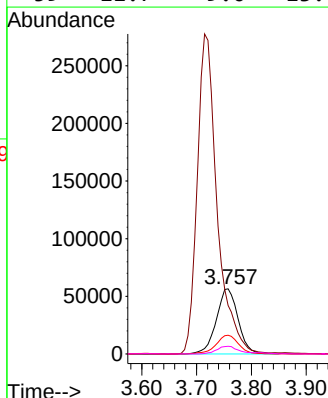
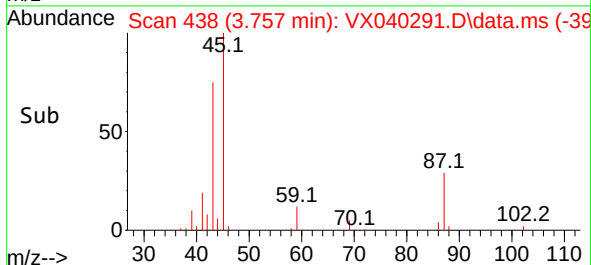
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

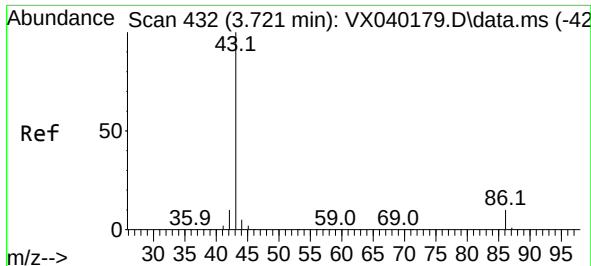


#22
Diisopropyl ether
Concen: 55.099 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55



Tgt Ion: 45 Resp: 155830
Ion Ratio Lower Upper
45 100
43 74.2 69.7 104.5
87 28.7 20.8 31.2
59 11.7 9.0 13.4





#23
 Vinyl Acetate
 Concen: 278.519 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX040291.D
 Acq: 17 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

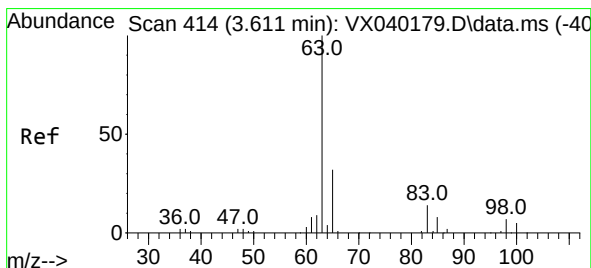
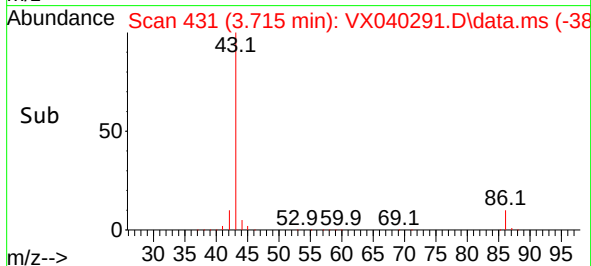
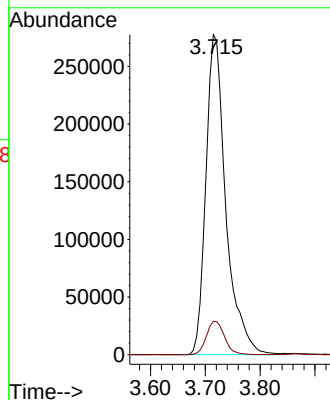
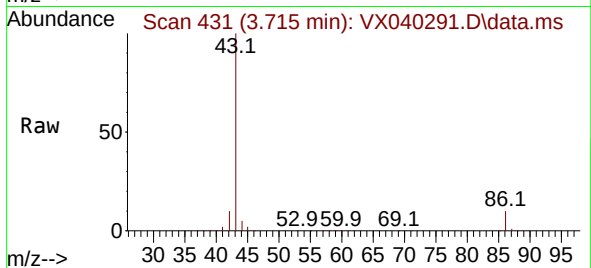
VSTDCCC050

Tgt Ion: 43 Resp: 702204
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8

Manual Integrations

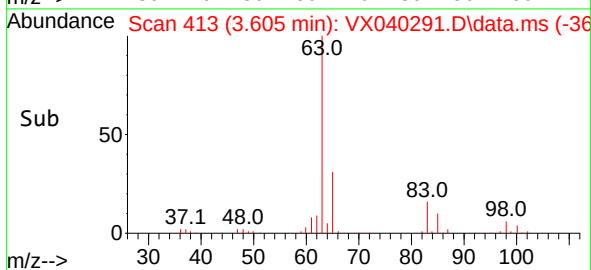
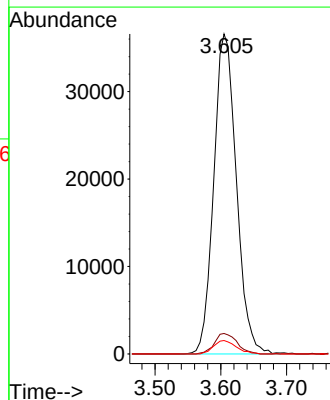
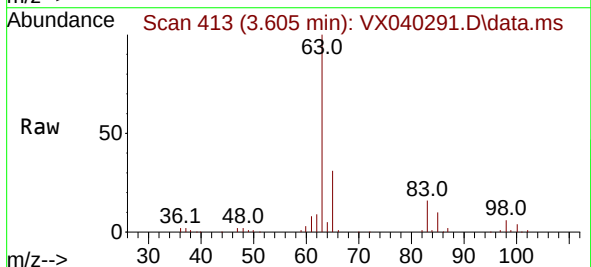
APPROVED

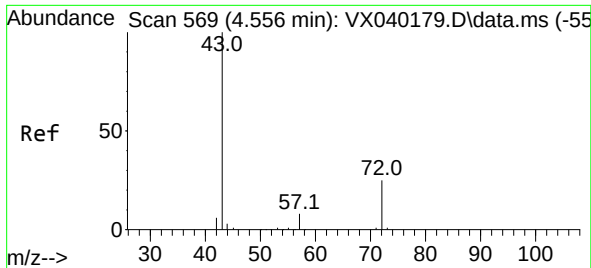
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024



#24
 1,1-Dichloroethane
 Concen: 53.162 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX040291.D
 Acq: 17 Feb 2024 10:55

Tgt Ion: 63 Resp: 87581
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 4.2 2.1 6.5





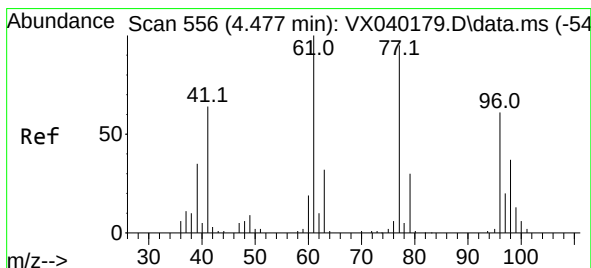
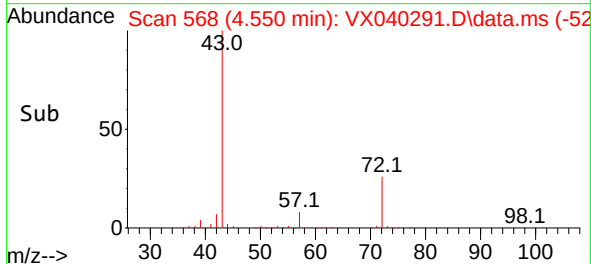
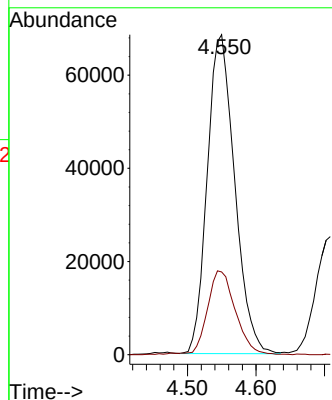
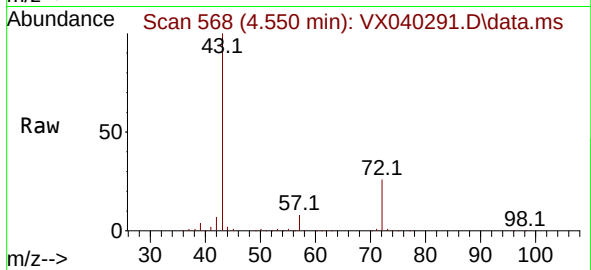
#25
2-Butanone
Concen: 253.530 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 19058
Ion Ratio Lower Upper
43 100
72 25.8 19.4 29.2

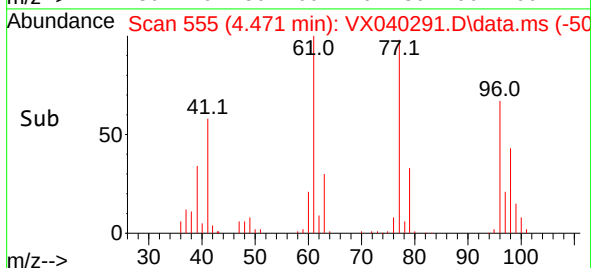
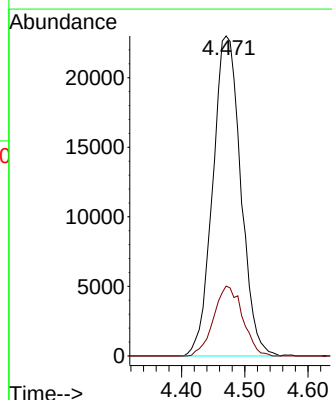
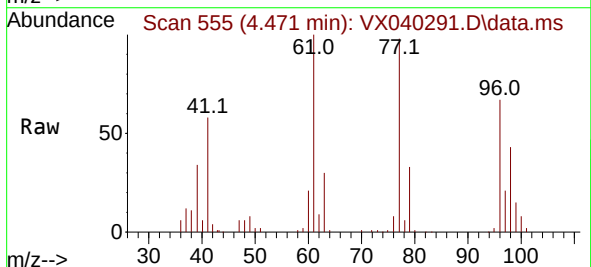
Manual Integrations
APPROVED

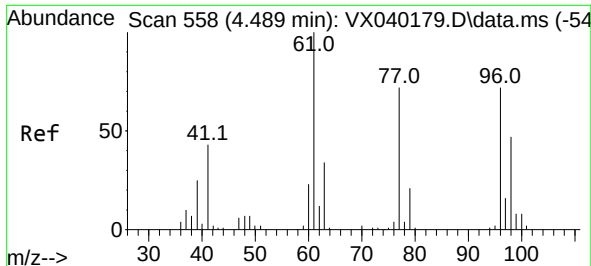
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#26
2,2-Dichloropropane
Concen: 55.814 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Tgt Ion: 77 Resp: 70783
Ion Ratio Lower Upper
77 100
97 22.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 53.099 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX040291.D

Acq: 17 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 55438

Ion Ratio Lower Upper

96 100

61 145.4 0.0 312.2

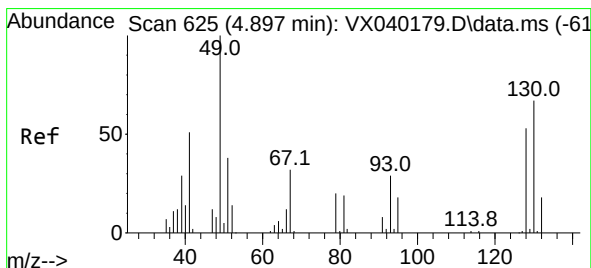
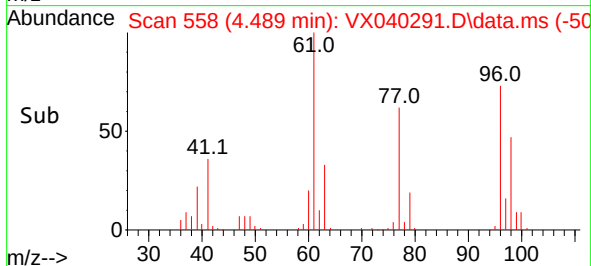
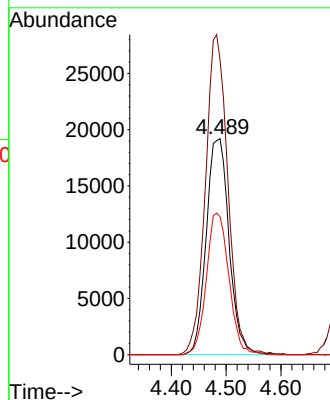
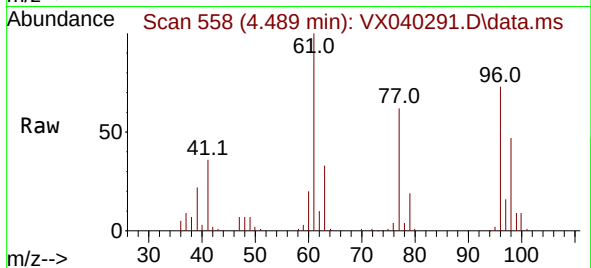
98 64.6 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#28

Bromochloromethane

Concen: 56.353 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.000 min

Lab File: VX040291.D

Acq: 17 Feb 2024 10:55

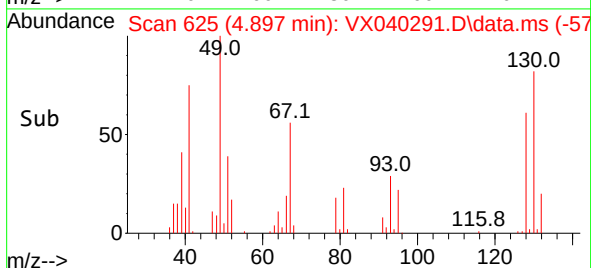
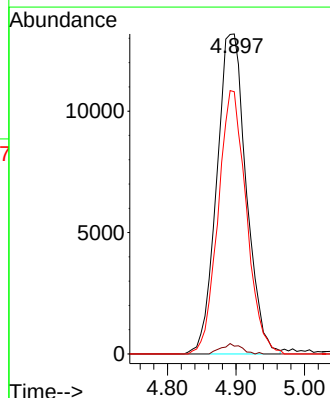
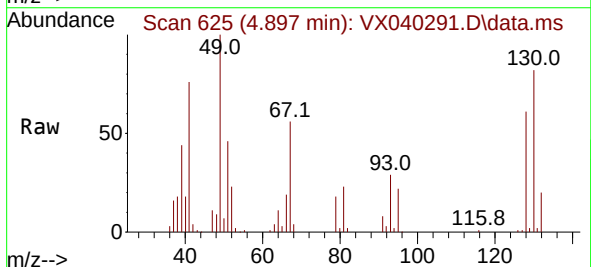
Tgt Ion: 49 Resp: 39416

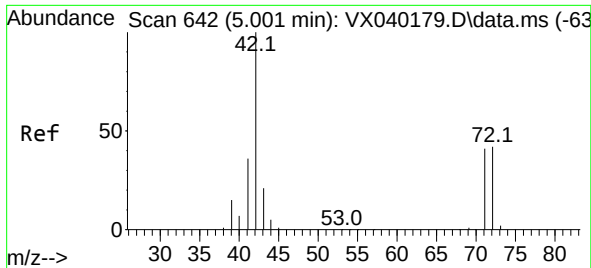
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 78.8 57.5 86.3





#29

Tetrahydrofuran

Concen: 247.429 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.012 min

Lab File: VX040291.D

Acq: 17 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 121179

Ion Ratio Lower Upper

42 100

72 45.5 34.2 51.4

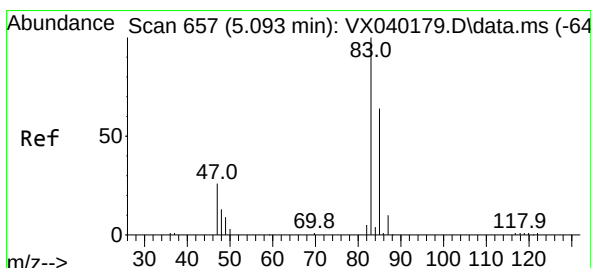
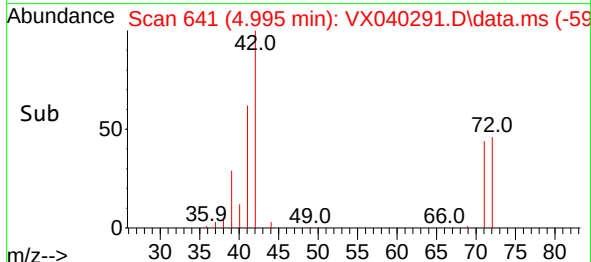
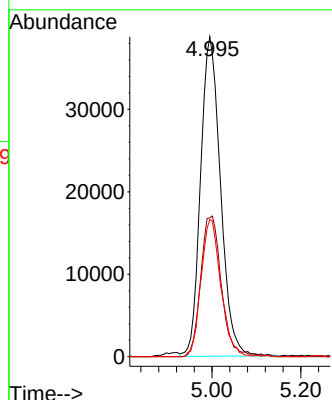
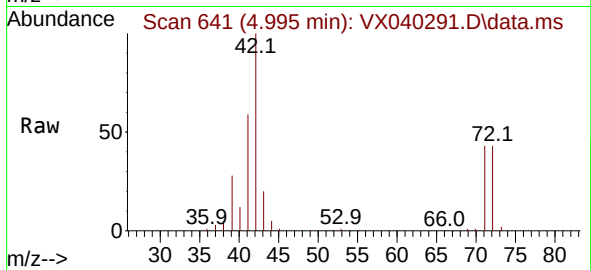
71 42.6 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#30

Chloroform

Concen: 53.487 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX040291.D

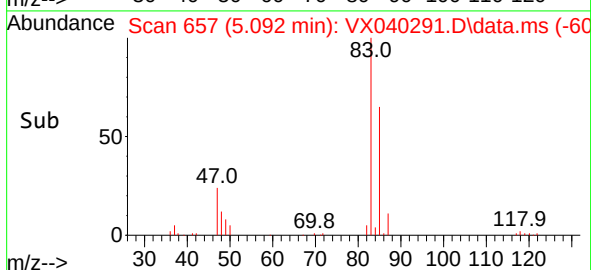
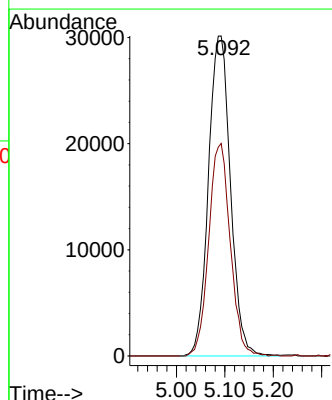
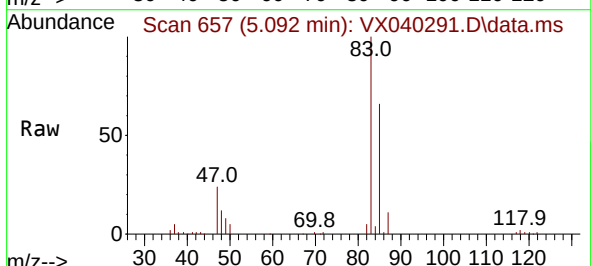
Acq: 17 Feb 2024 10:55

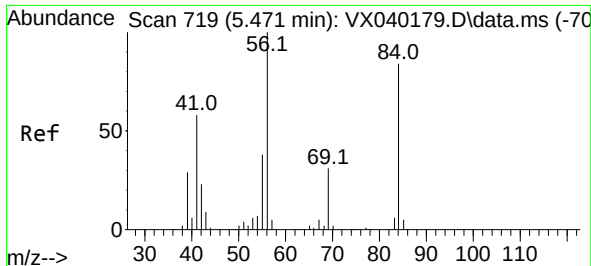
Tgt Ion: 83 Resp: 95269

Ion Ratio Lower Upper

83 100

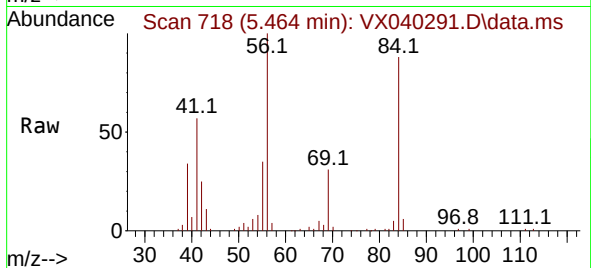
85 66.4 50.3 75.5





#31
Cyclohexane
Concen: 50.059 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

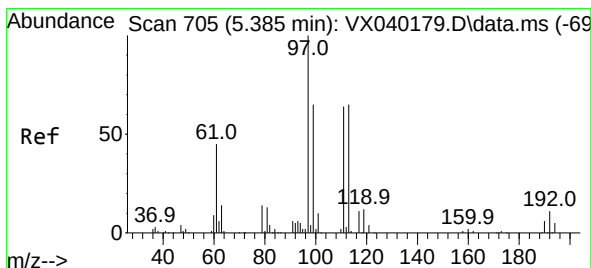
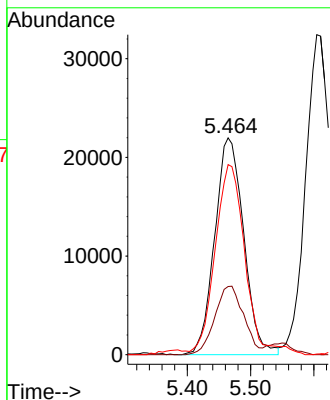
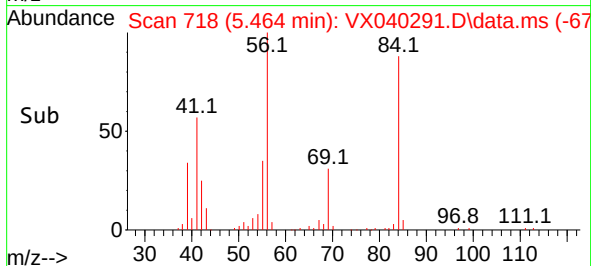
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 69910
Ion Ratio Lower Upper
56 100
69 31.4 23.4 35.2
84 85.4 65.9 98.9

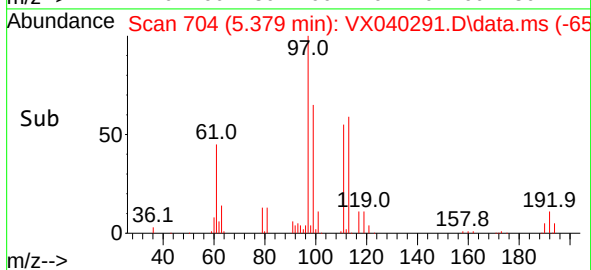
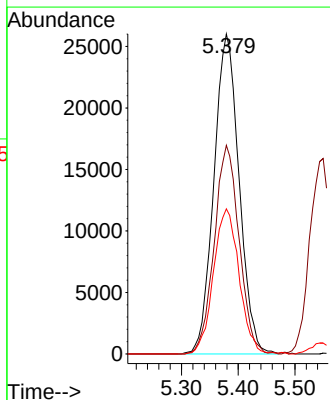
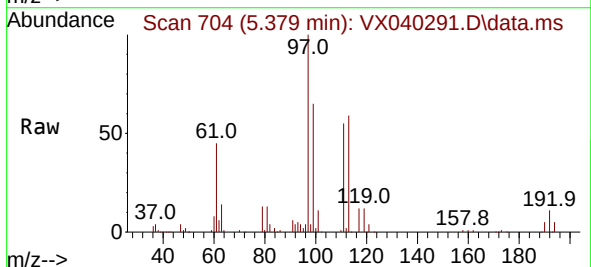
Manual Integrations
APPROVED

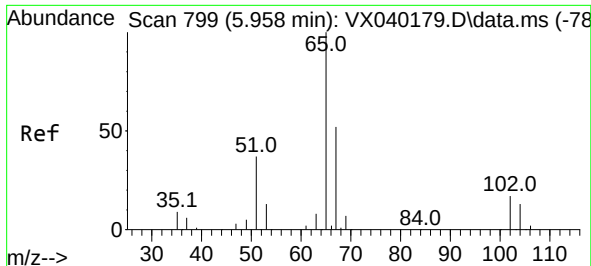
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#32
1,1,1-Trichloroethane
Concen: 53.564 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Tgt Ion: 97 Resp: 80262
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 46.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.011 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040291.D

Acq: 17 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 5504

Ion Ratio Lower Upper

65 100

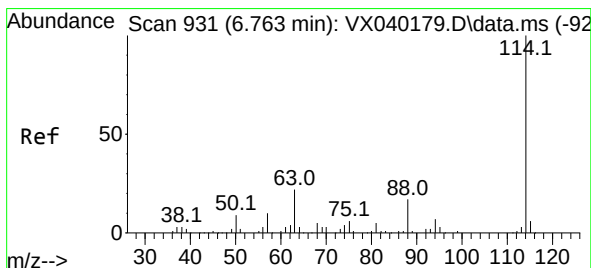
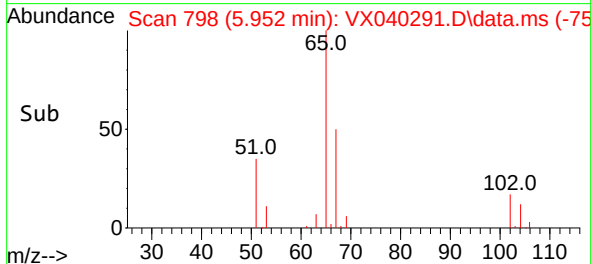
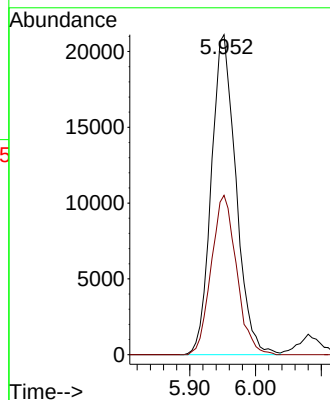
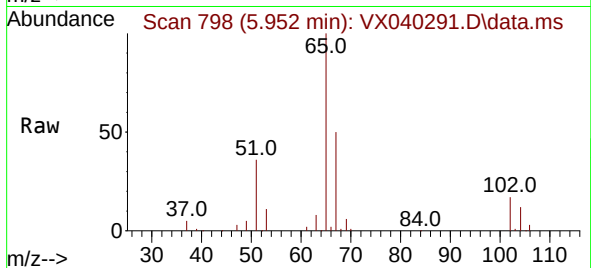
67 51.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040291.D

Acq: 17 Feb 2024 10:55

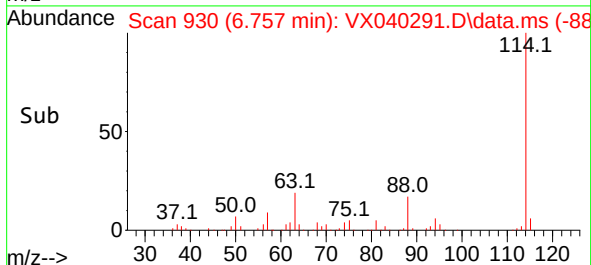
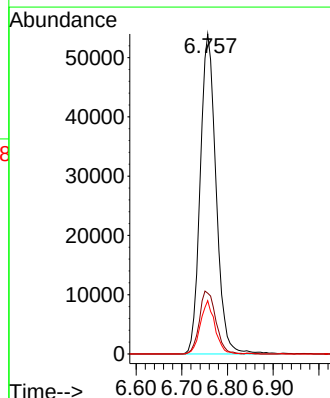
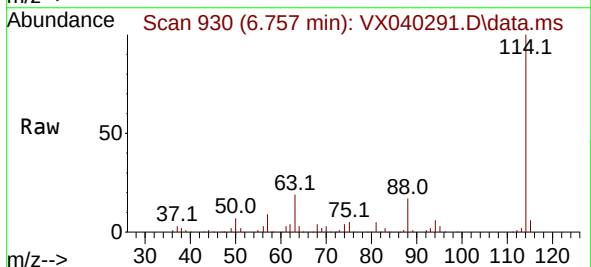
Tgt Ion:114 Resp: 129594

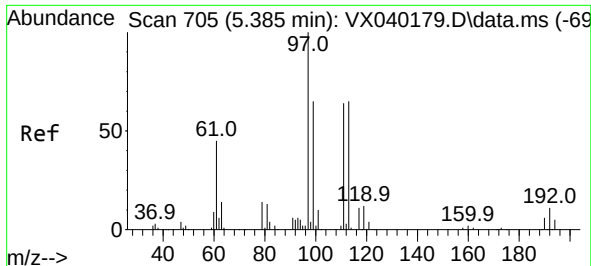
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

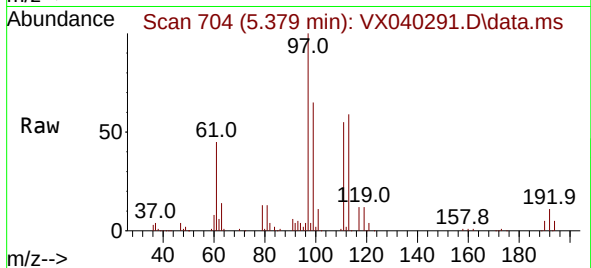
88 16.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.716 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

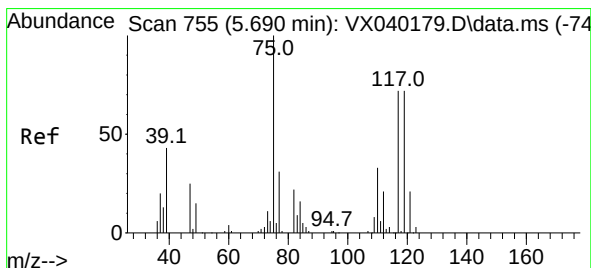
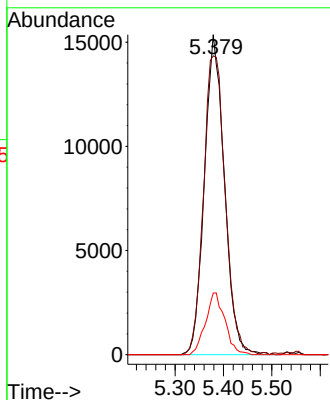
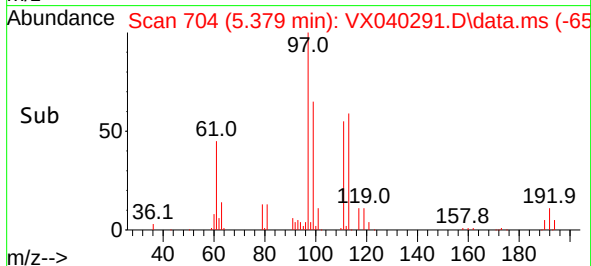
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 44089
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 18.7 13.3 19.9

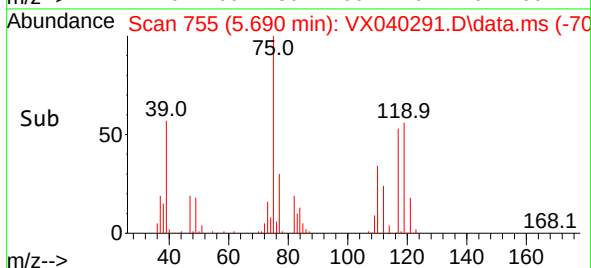
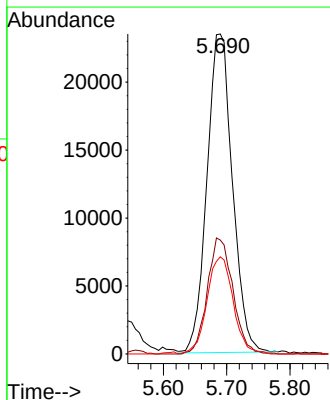
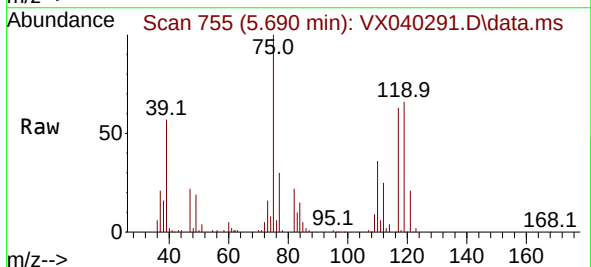
Manual Integrations
APPROVED

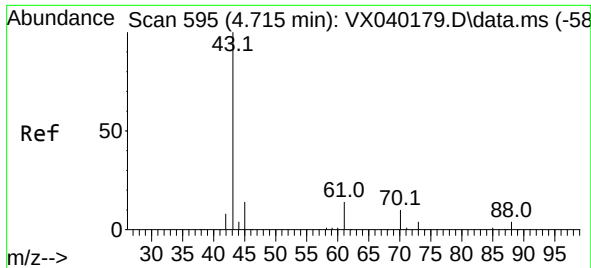
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#36
1,1-Dichloropropene
Concen: 51.797 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Tgt Ion: 75 Resp: 65667
Ion Ratio Lower Upper
75 100
110 36.4 17.0 50.9
77 31.2 24.7 37.1





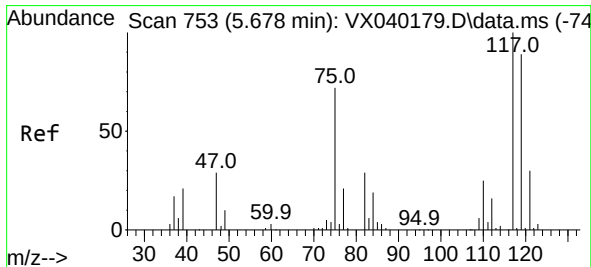
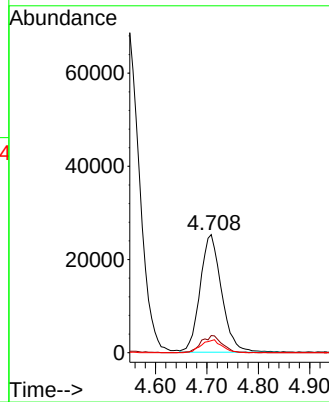
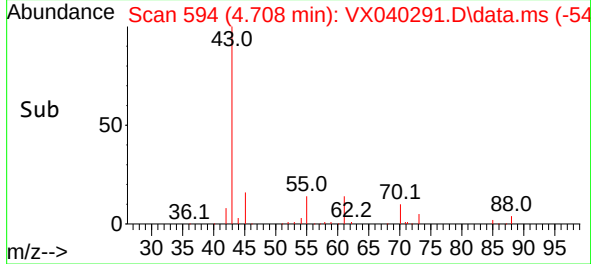
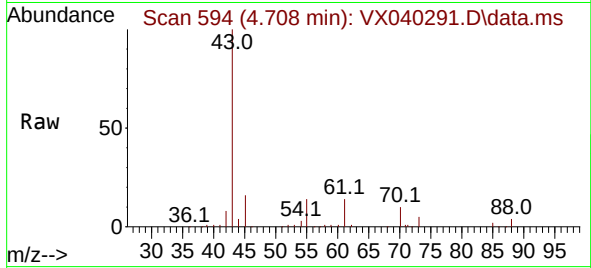
#37
Ethyl Acetate
Concen: 52.002 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.012 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43	Resp: 7335
Ion Ratio	Lower Upper
43 100	
61 14.3	10.6 16.0
70 10.5	8.3 12.5

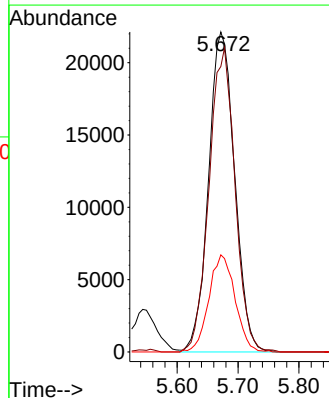
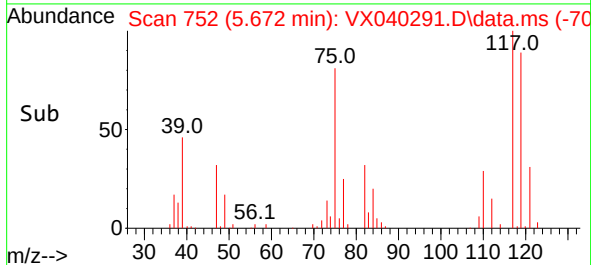
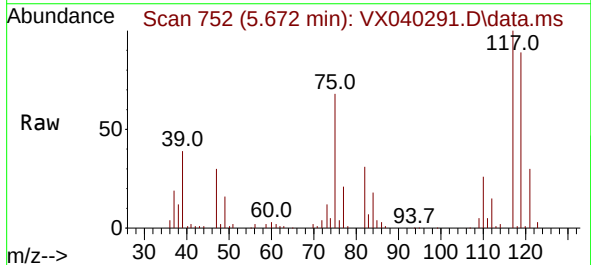
Manual Integrations
APPROVED

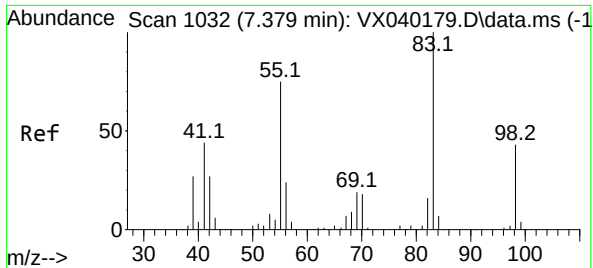
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#38
Carbon Tetrachloride
Concen: 54.707 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Tgt Ion: 117	Resp: 65944
Ion Ratio	Lower Upper
117 100	
119 89.2	78.2 117.2
121 30.3	24.4 36.6





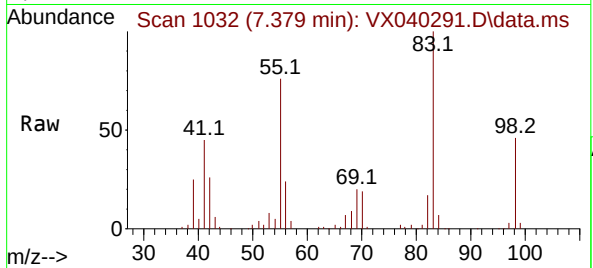
#39
Methylcyclohexane
Concen: 51.965 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



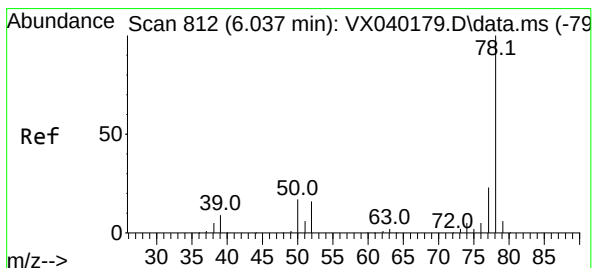
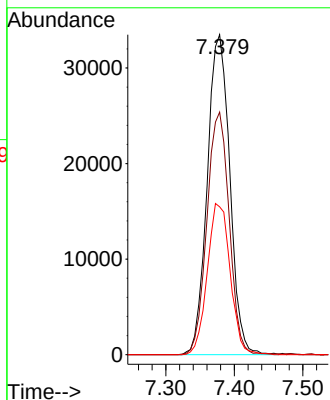
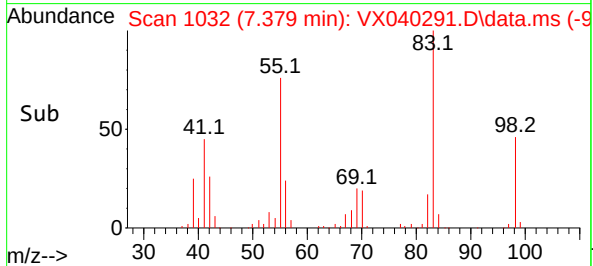
Tgt Ion: 83 Resp: 7656
Ion Ratio Lower Upper
83 100
55 75.8 64.6 97.0
98 46.2 36.7 55.1

Manual Integrations

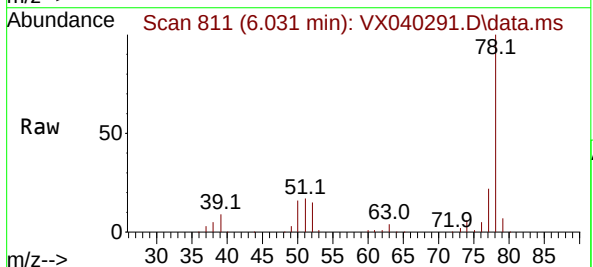
APPROVED

Reviewed By :John Carlone 02/20/2024

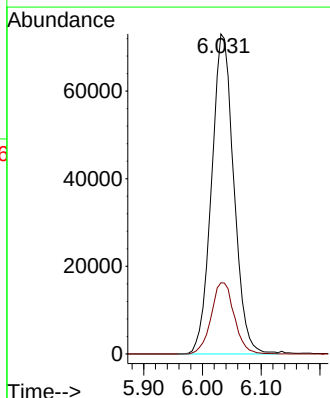
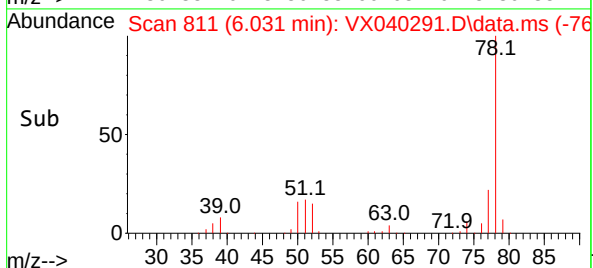
Supervised By :Mahesh Dadoda 02/20/2024

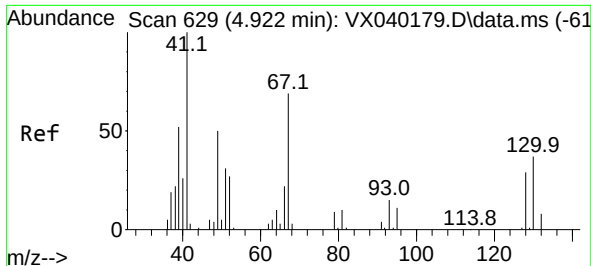


#40
Benzene
Concen: 54.181 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55



Tgt Ion: 78 Resp: 192087
Ion Ratio Lower Upper
78 100
77 22.3 19.3 28.9





#41
Methacrylonitrile
Concen: 54.061 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

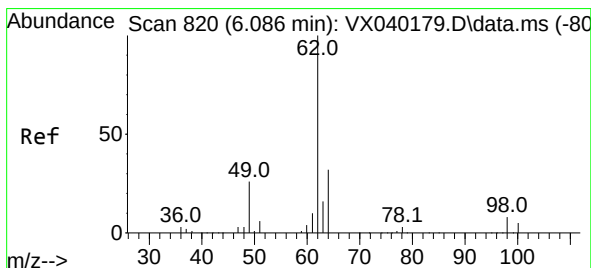
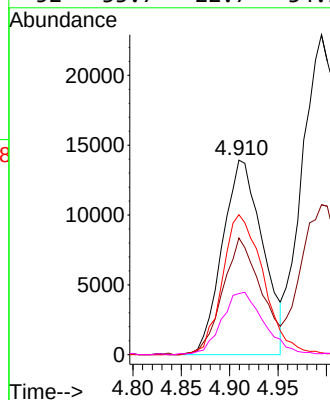
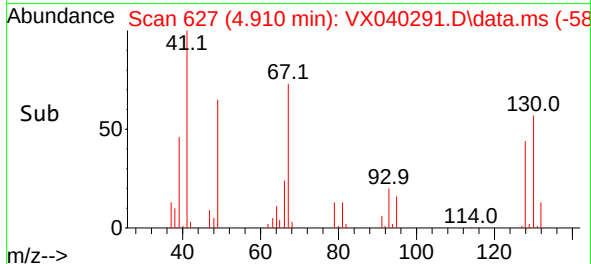
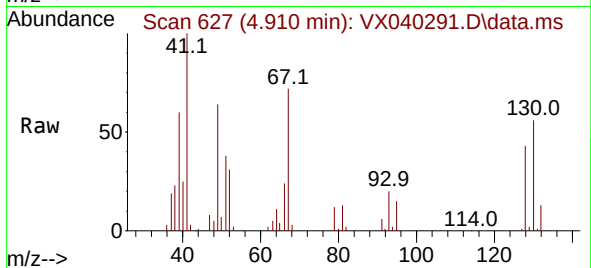
Tgt Ion: 41 Resp: 40428
Ion Ratio Lower Upper
41 100
39 57.2 45.2 67.8
67 73.5 52.6 78.8
52 33.7 22.7 34.1

Manual Integrations

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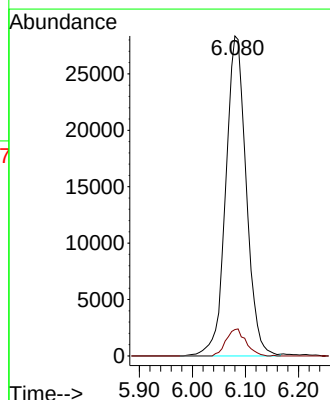
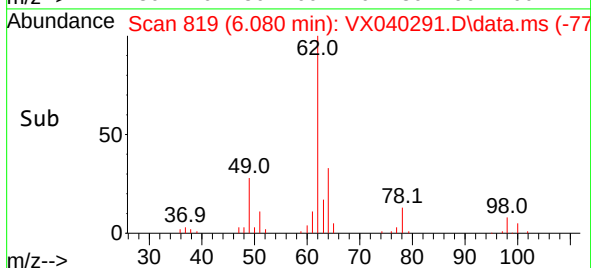
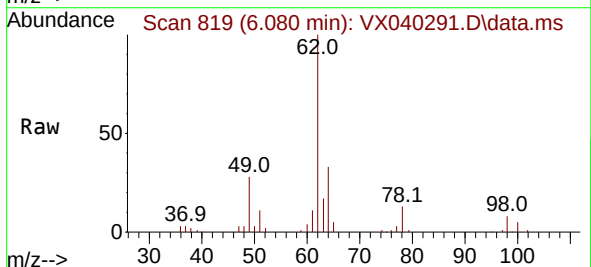
Reviewed By :John Carlone 02/20/2024

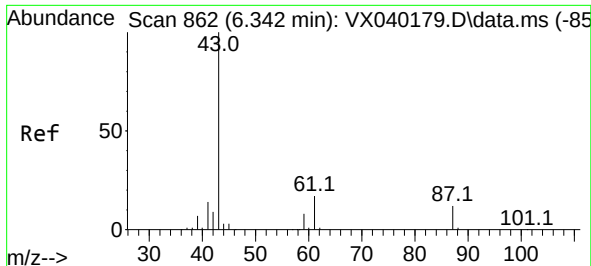
Supervised By :Mahesh Dadoda 02/20/2024



#42
1,2-Dichloroethane
Concen: 54.914 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Tgt Ion: 62 Resp: 76096
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.0





#43

Isopropyl Acetate

Concen: 53.821 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX040291.D

Acq: 17 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 118519

Ion Ratio Lower Upper

43 100

61 19.2 15.2 22.8

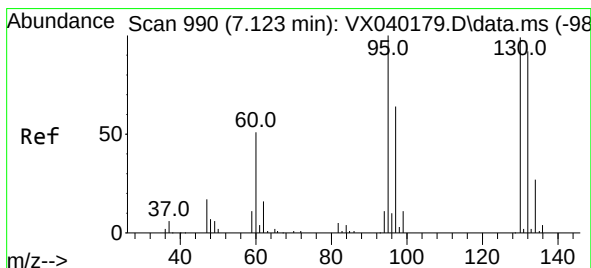
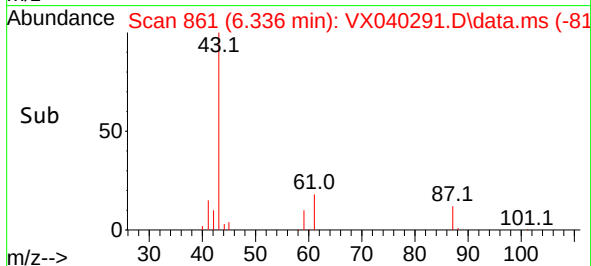
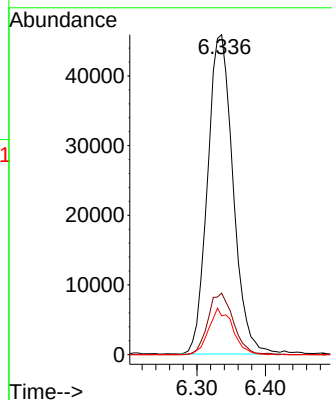
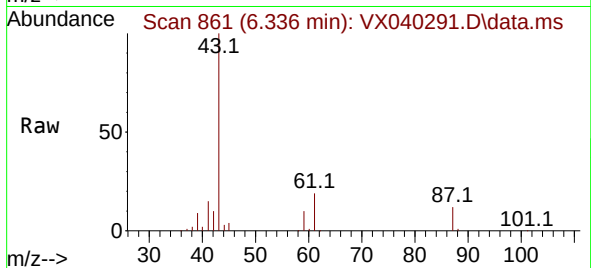
87 13.6 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#44

Trichloroethene

Concen: 53.228 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX040291.D

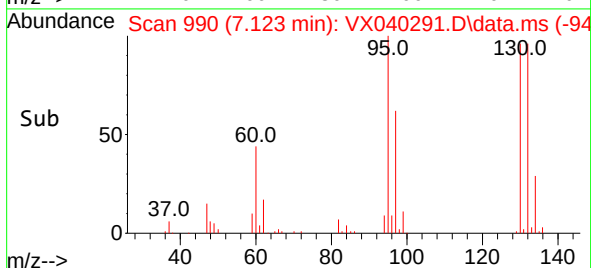
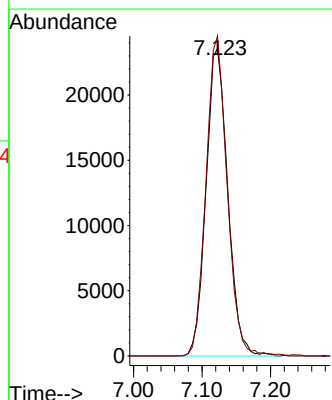
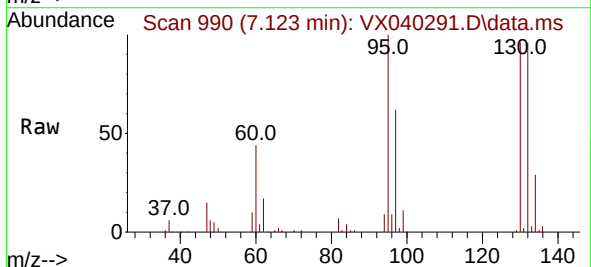
Acq: 17 Feb 2024 10:55

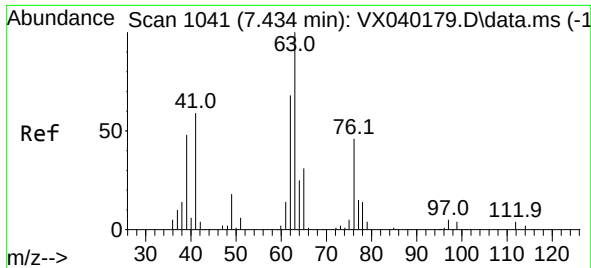
Tgt Ion:130 Resp: 52053

Ion Ratio Lower Upper

130 100

95 104.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 57.286 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX040291.D

Acq: 17 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 5286

Ion Ratio Lower Upper

63 100

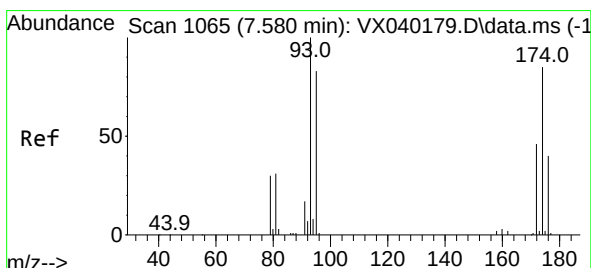
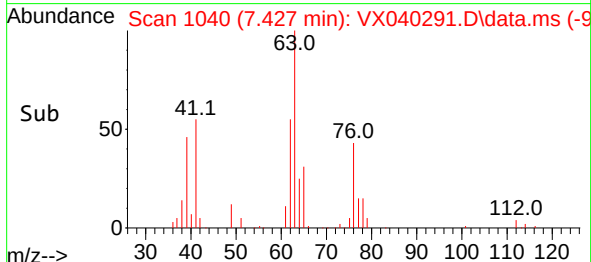
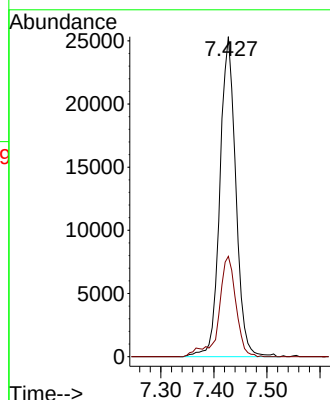
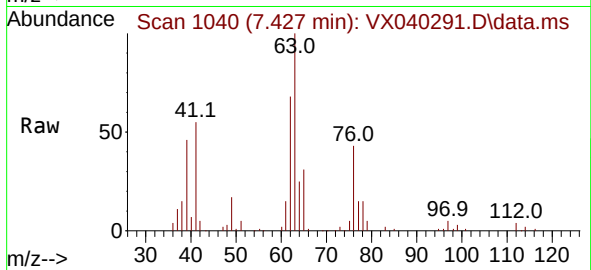
65 31.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#46

Dibromomethane

Concen: 57.404 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX040291.D

Acq: 17 Feb 2024 10:55

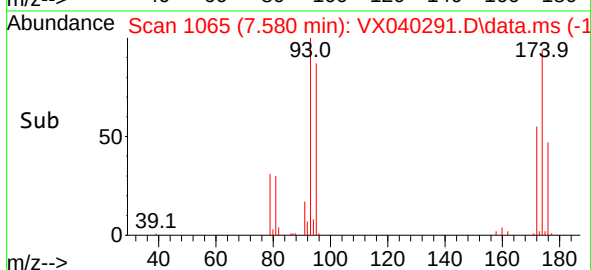
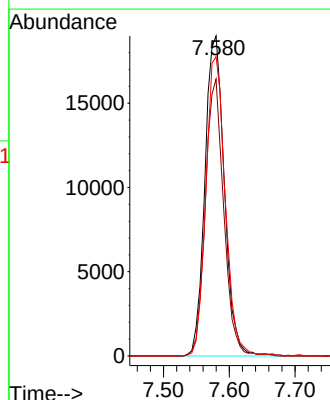
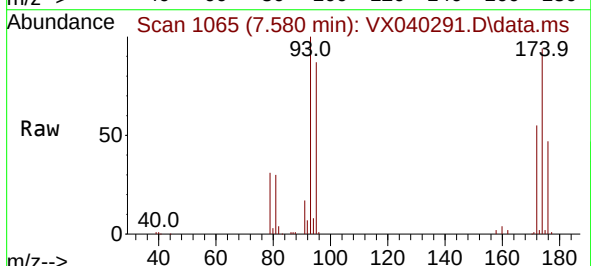
Tgt Ion: 93 Resp: 39012

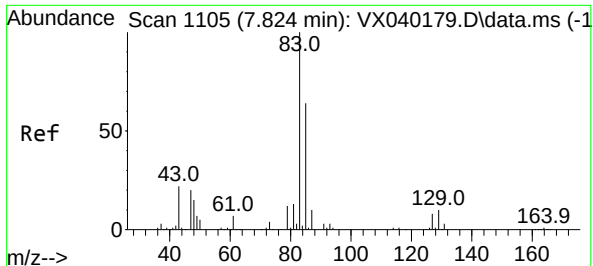
Ion Ratio Lower Upper

93 100

95 82.0 66.6 100.0

174 93.2 69.4 104.0





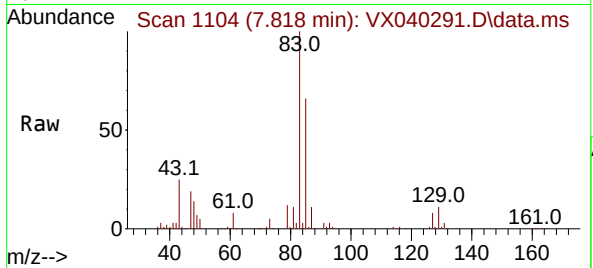
#47
Bromodichloromethane
Concen: 55.978 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



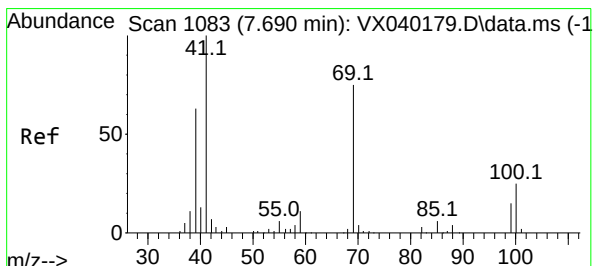
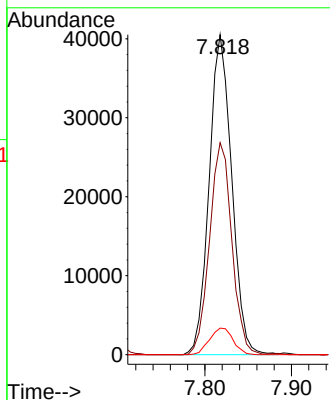
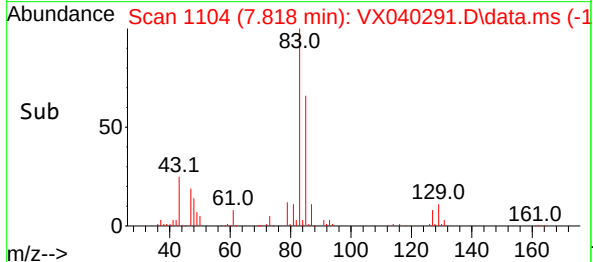
Tgt Ion: 83 Resp: 7330
Ion Ratio Lower Upper
83 100
85 66.3 49.8 74.6
127 8.3 7.1 10.7

Manual Integrations

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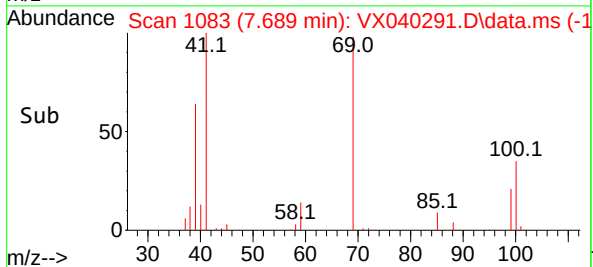
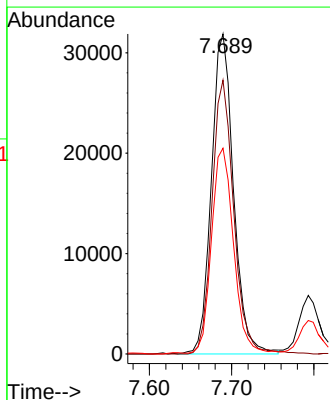
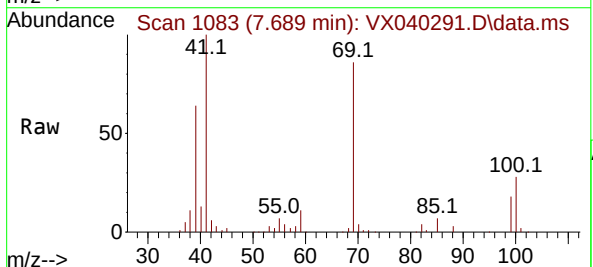
Reviewed By :John Carlone 02/20/2024

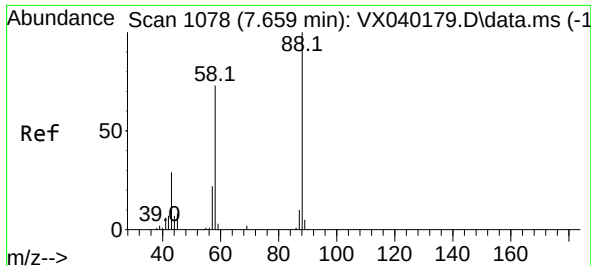
Supervised By :Mahesh Dadoda 02/20/2024



#48
Methyl methacrylate
Concen: 52.999 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Tgt Ion: 41 Resp: 59718
Ion Ratio Lower Upper
41 100
69 84.0 59.2 88.8
39 63.7 47.7 71.5





#49

1,4-Dioxane

Concen: 908.884 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX040291.D

Acq: 17 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

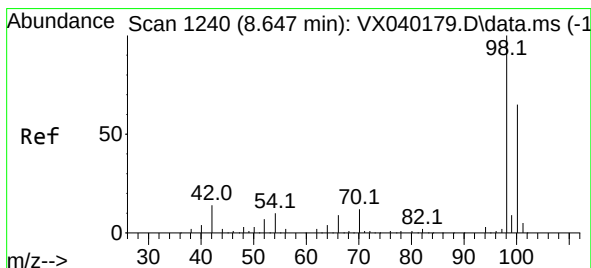
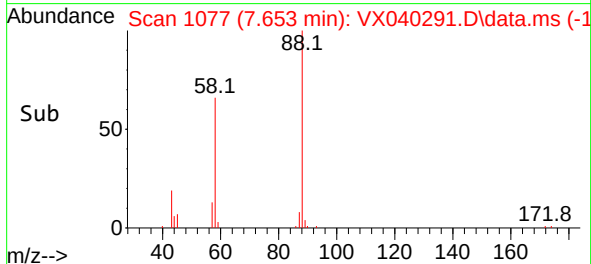
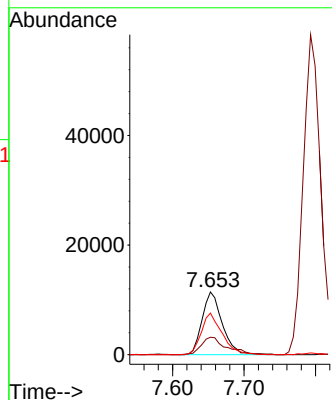
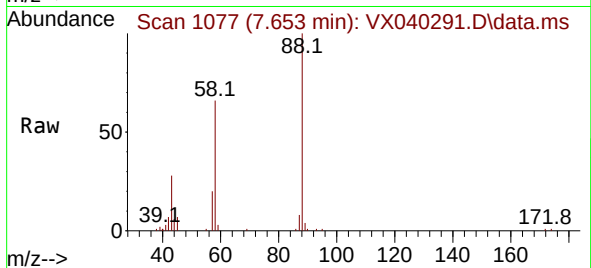
Tgt Ion: 88 Resp: 22279
 Ion Ratio Lower Upper
 88 100
 43 35.0 0.0 0.0
 58 68.5 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#50

Toluene-d8

Concen: 48.317 ug/l

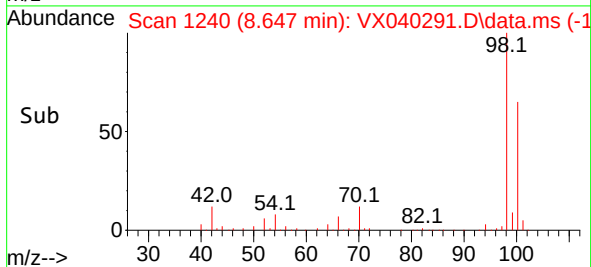
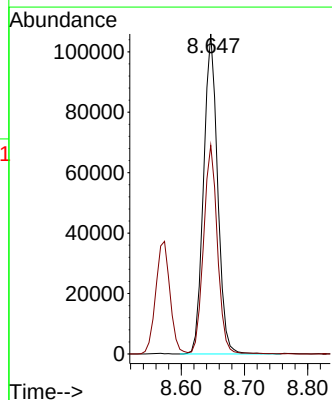
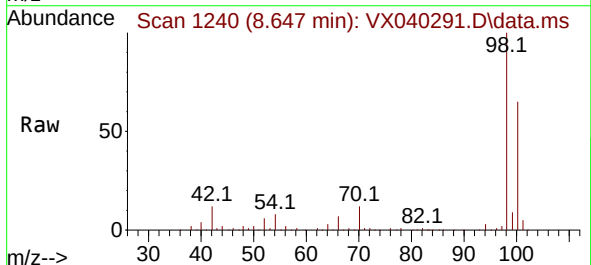
RT: 8.647 min Scan# 1240

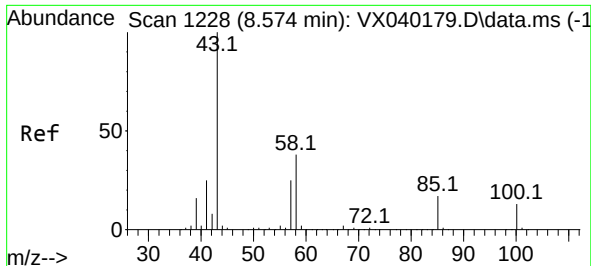
Delta R.T. -0.006 min

Lab File: VX040291.D

Acq: 17 Feb 2024 10:55

Tgt Ion: 98 Resp: 163571
 Ion Ratio Lower Upper
 98 100
 100 64.5 53.1 79.7





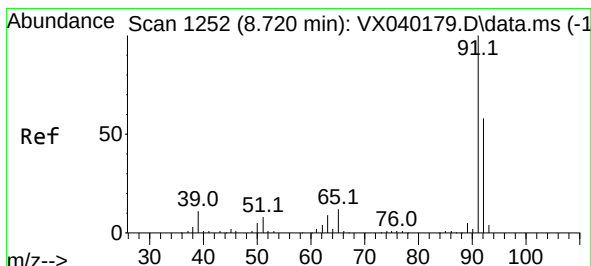
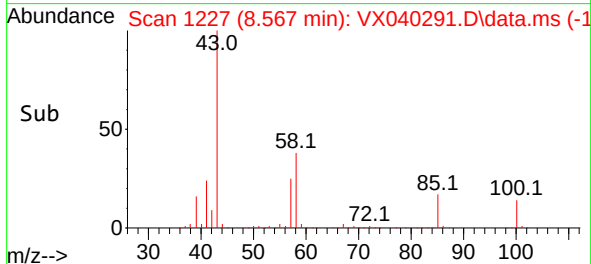
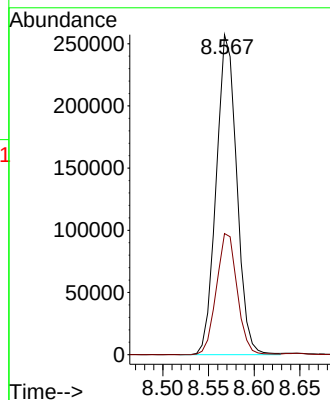
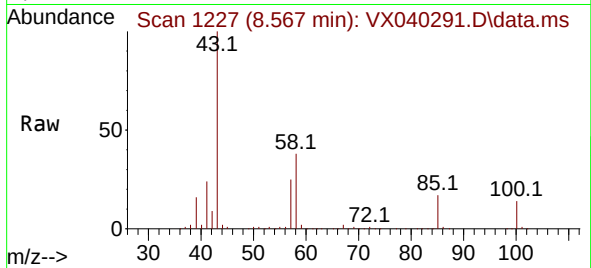
#51
4-Methyl-2-Pentanone
Concen: 267.151 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.007 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 40165
Ion Ratio Lower Upper
43 100
58 38.4 30.4 45.6

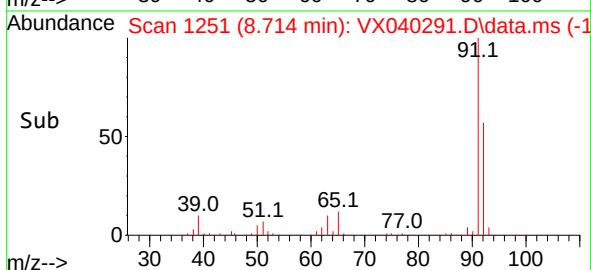
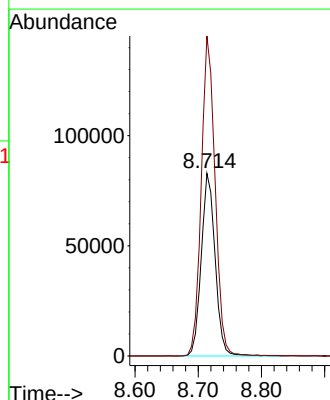
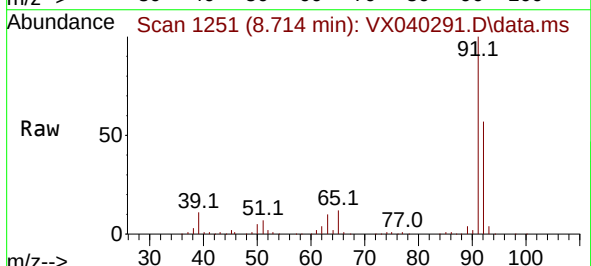
Manual Integrations
APPROVED

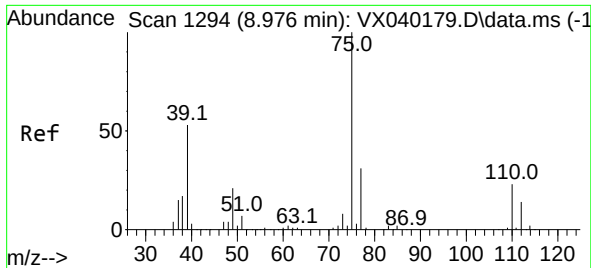
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#52
Toluene
Concen: 54.462 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

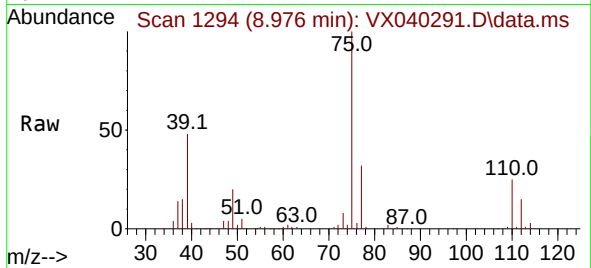
Tgt Ion: 92 Resp: 126471
Ion Ratio Lower Upper
92 100
91 174.7 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 53.249 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

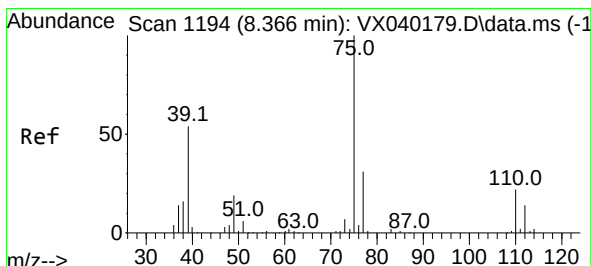
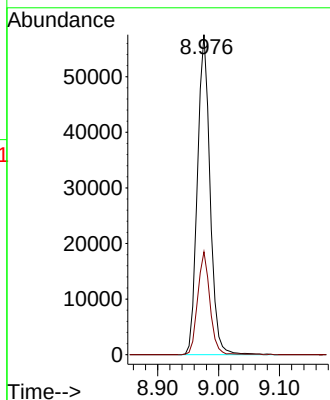
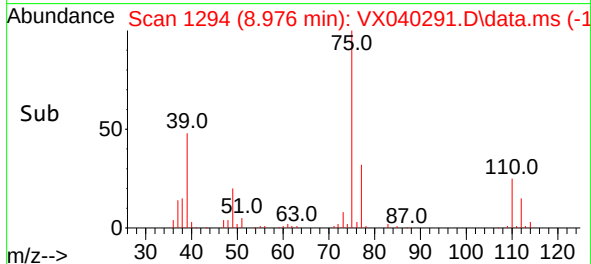
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



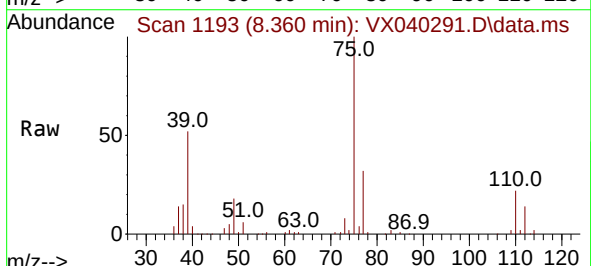
Tgt Ion: 75 Resp: 8310
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5

Manual Integrations
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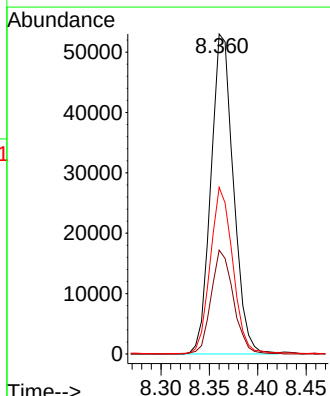
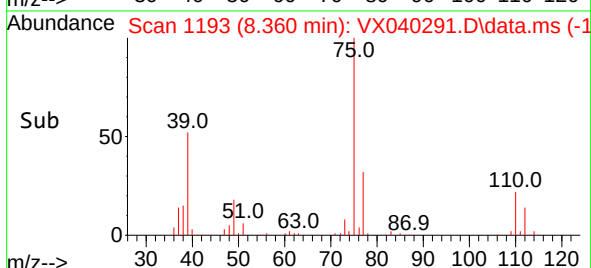
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

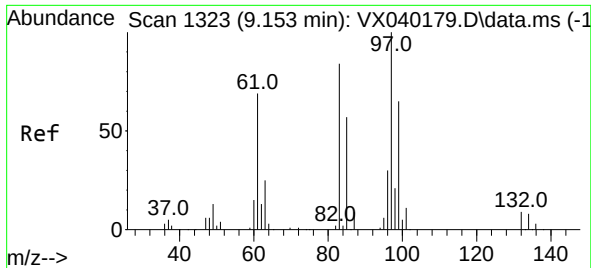


#54
cis-1,3-Dichloropropene
Concen: 58.398 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55



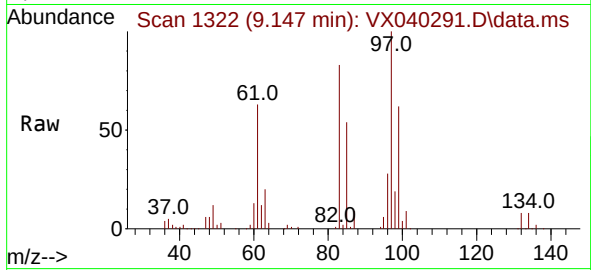
Tgt Ion: 75 Resp: 85704
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9
39 51.9 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 56.228 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

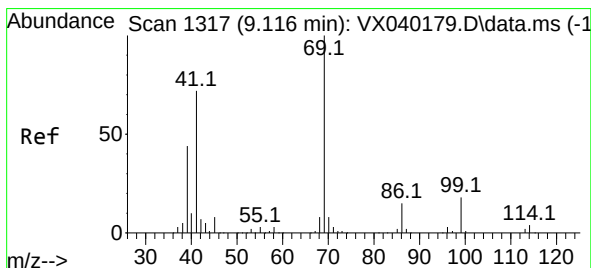
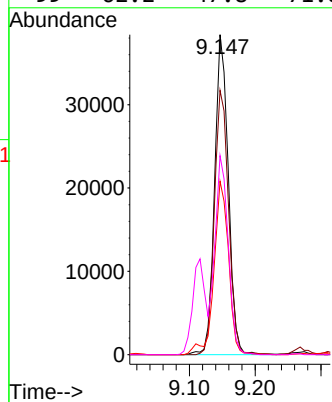
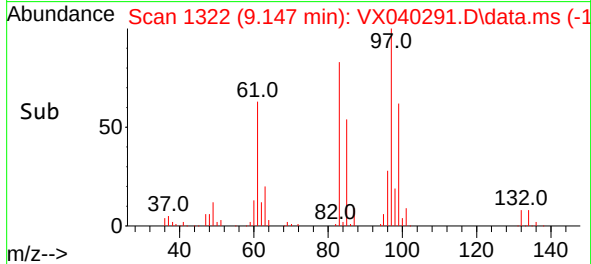
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



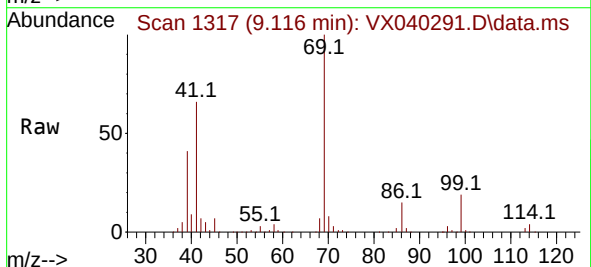
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.6	65.8	98.8
85	54.2	41.6	62.4
99	62.2	47.8	71.8

Manual Integrations
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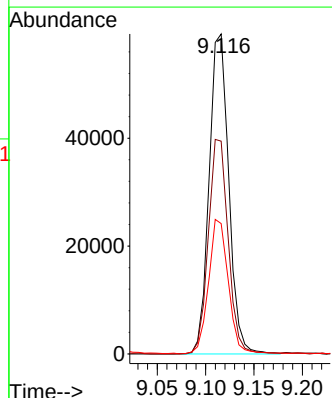
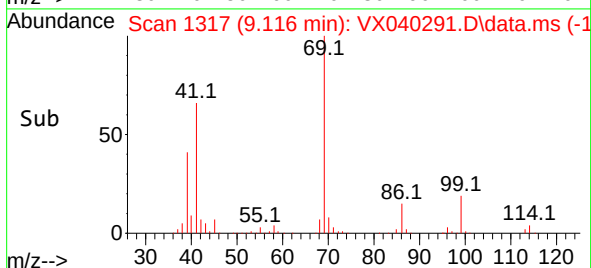
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

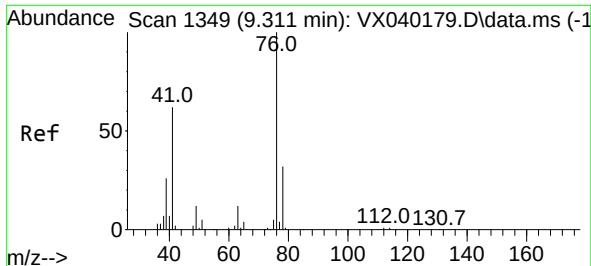


#56
Ethyl methacrylate
Concen: 56.476 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55



Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.0	56.8	85.2
39	42.6	32.0	48.0





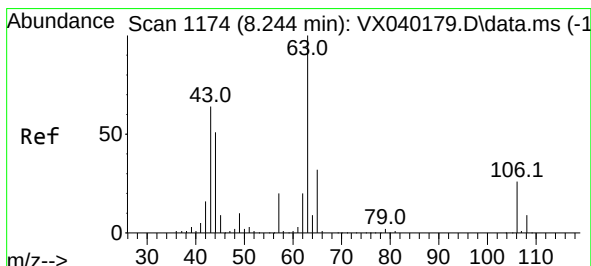
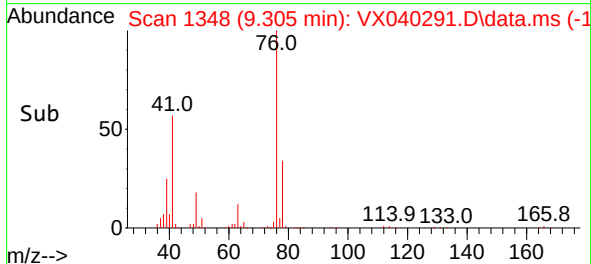
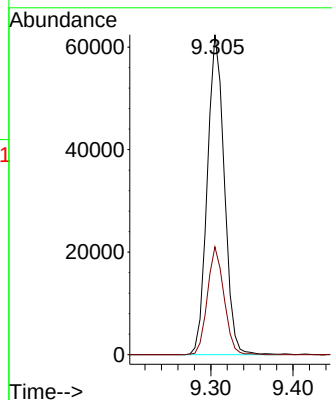
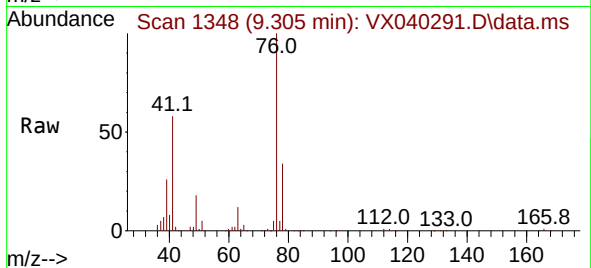
#57
1,3-Dichloropropane
Concen: 55.368 ug/l
RT: 9.305 min Scan# 1113
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 89509
Ion Ratio Lower Upper
76 100
78 32.9 26.1 39.1

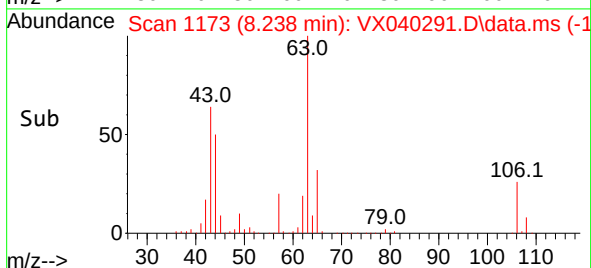
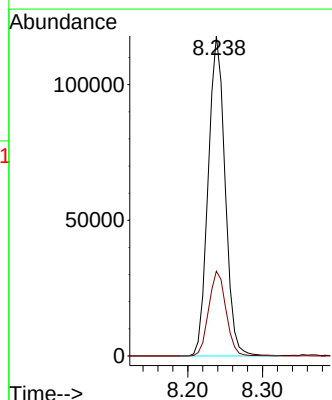
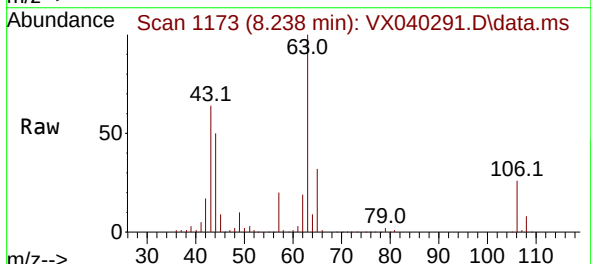
Manual Integrations
APPROVED

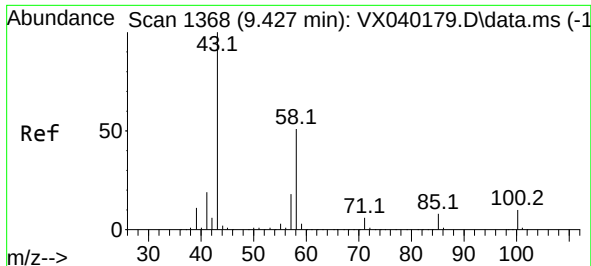
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 263.931 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

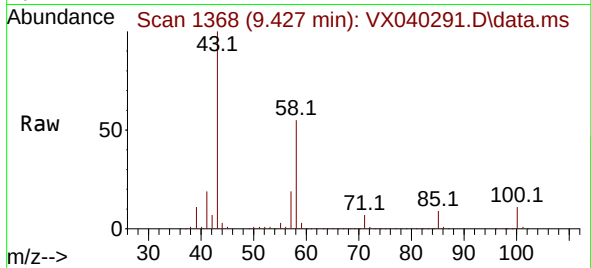
Tgt Ion: 63 Resp: 185128
Ion Ratio Lower Upper
63 100
106 27.1 22.5 33.7





#59
2-Hexanone
Concen: 270.558 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

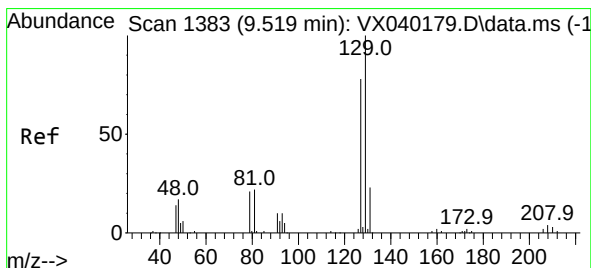
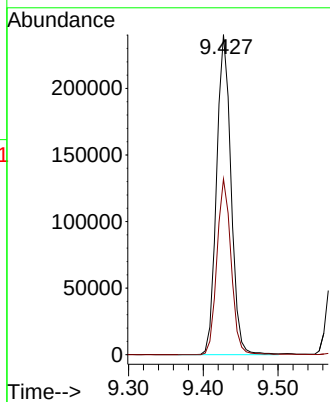
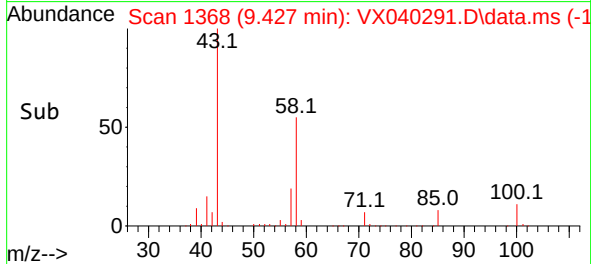
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 322510
Ion Ratio Lower Upper
43 100
58 53.9 26.2 78.5

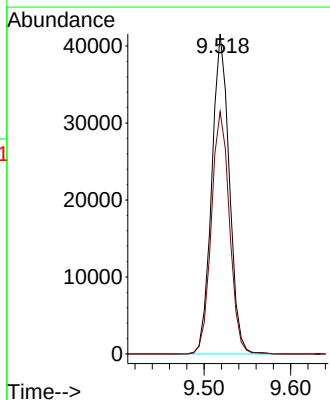
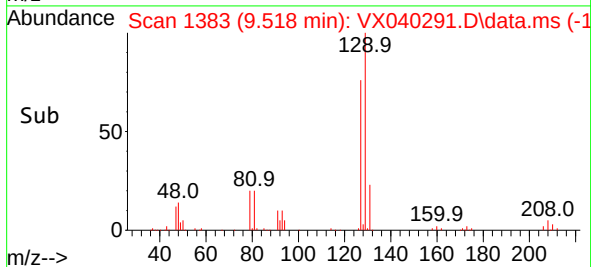
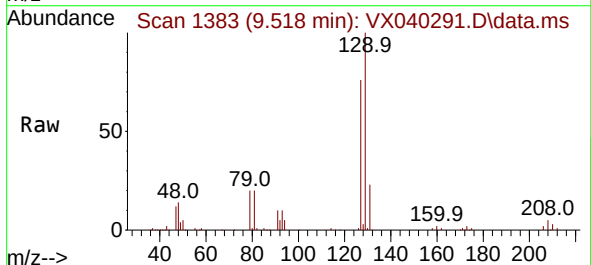
Manual Integrations
APPROVED

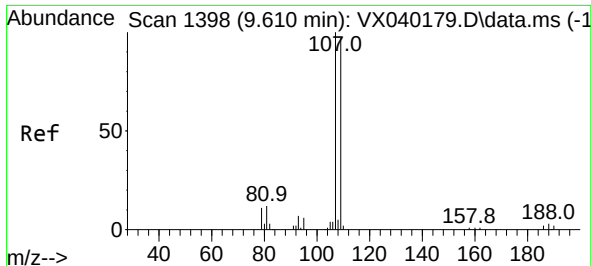
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#60
Dibromochloromethane
Concen: 57.957 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Tgt Ion:129 Resp: 58484
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 56.684 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

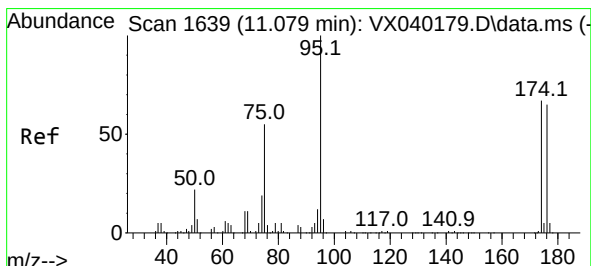
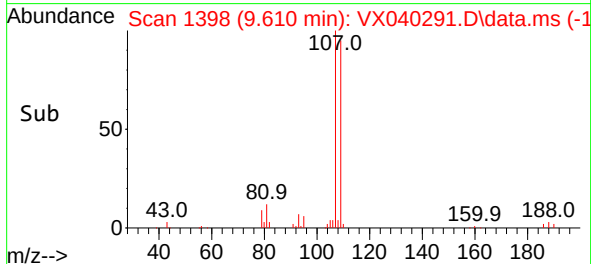
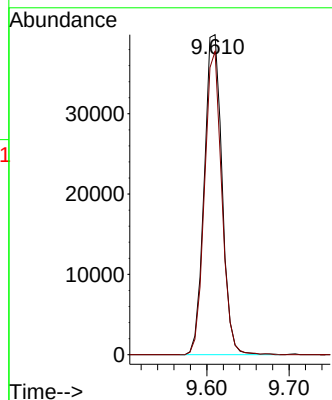
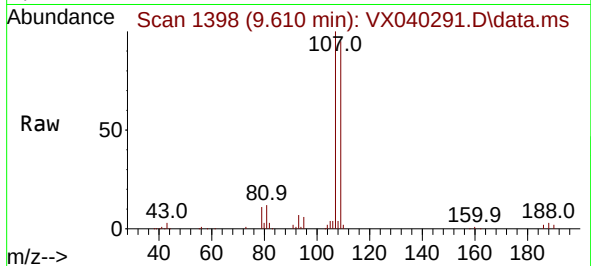
VSTDCCC050

Tgt Ion:107 Resp: 59670
Ion Ratio Lower Upper
107 100
109 91.9 75.2 112.8

Manual Integrations

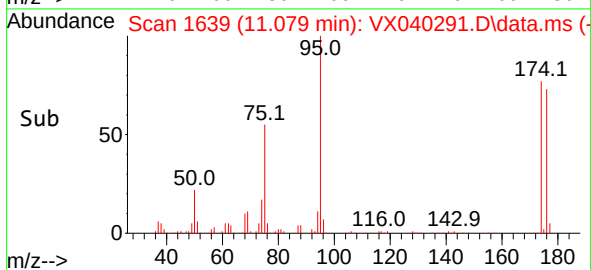
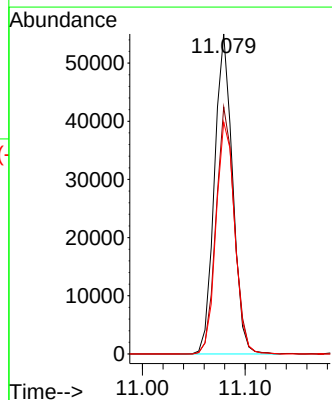
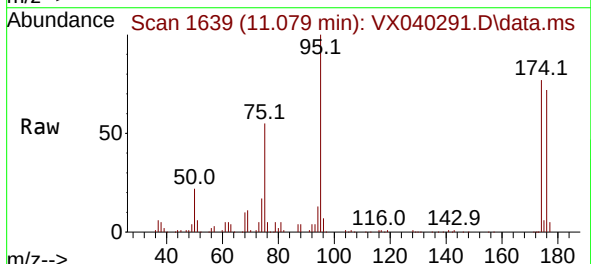
APPROVED

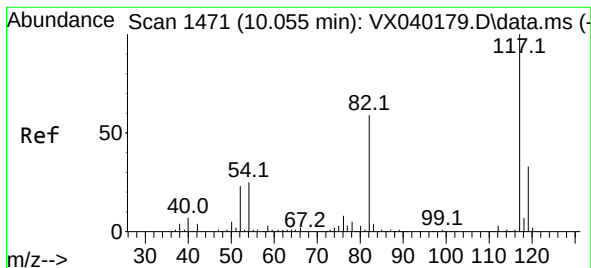
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#62
4-Bromofluorobenzene
Concen: 48.906 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

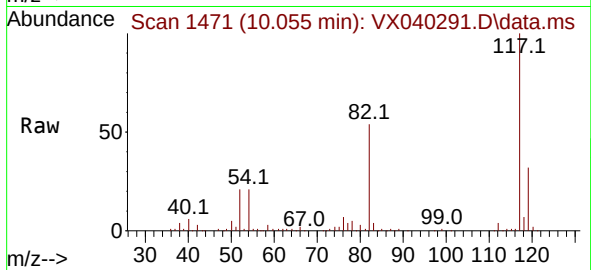
Tgt Ion: 95 Resp: 67524
Ion Ratio Lower Upper
95 100
174 77.9 0.0 135.6
176 74.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

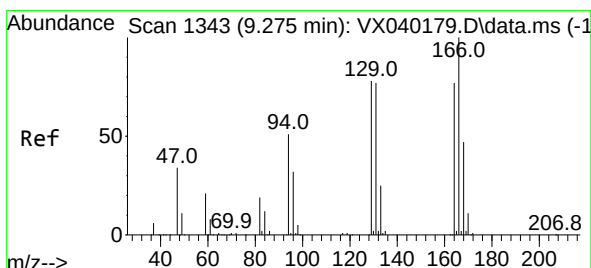
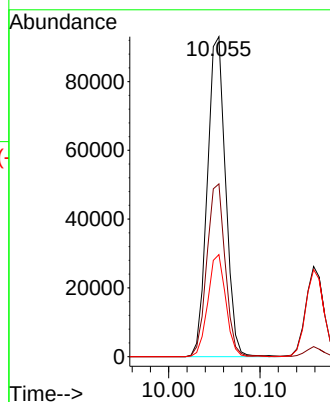
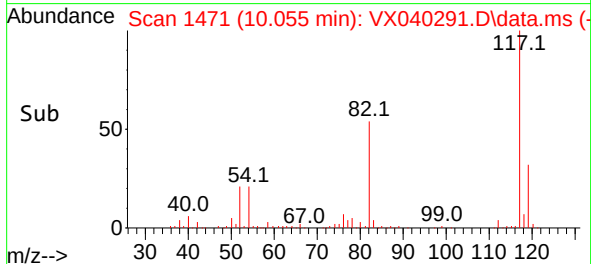
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 128730
Ion Ratio Lower Upper
117 100
82 54.0 46.2 69.4
119 31.9 25.5 38.3

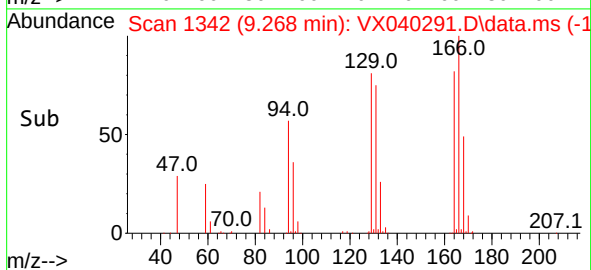
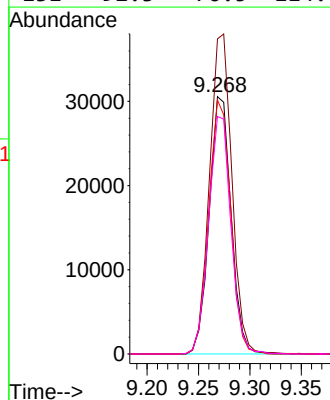
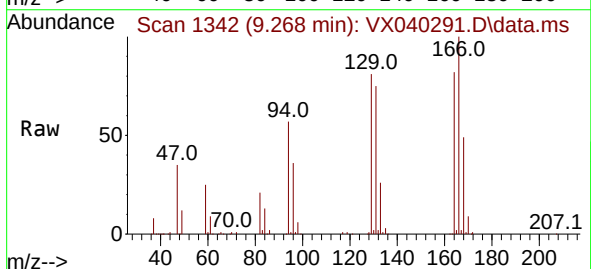
Manual Integrations
APPROVED

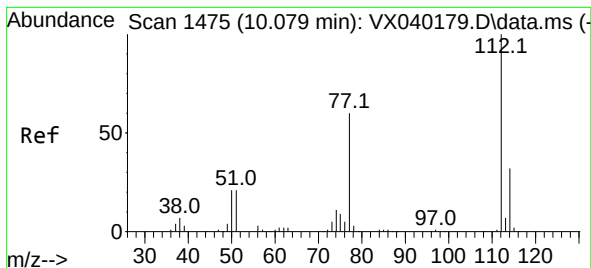
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#64
Tetrachloroethene
Concen: 49.929 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

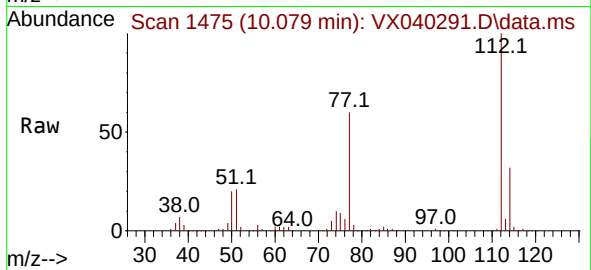
Tgt Ion:164 Resp: 45041
Ion Ratio Lower Upper
164 100
166 122.4 102.7 154.1
129 98.7 80.4 120.6
131 92.3 76.5 114.7





#65
Chlorobenzene
Concen: 52.776 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

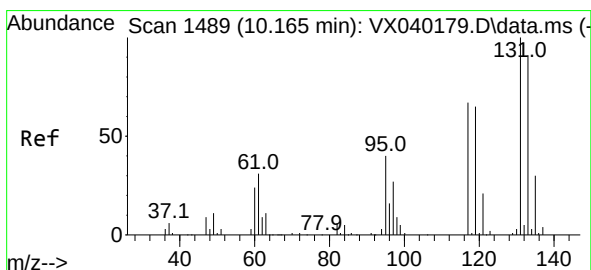
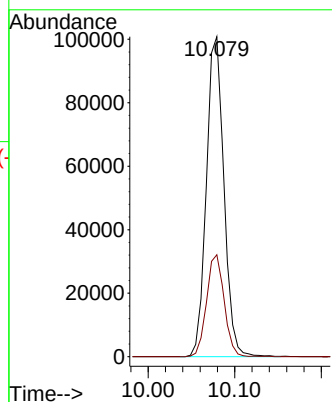
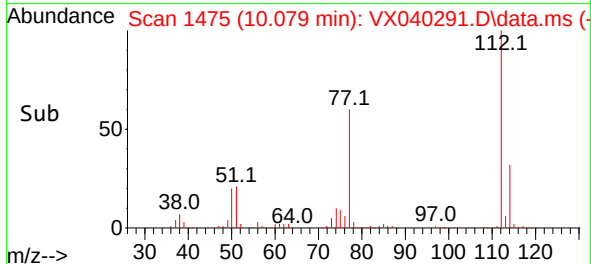
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



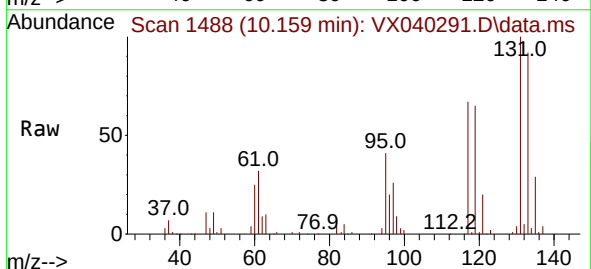
Tgt Ion:112 Resp: 14179
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

Manual Integrations
APPROVED

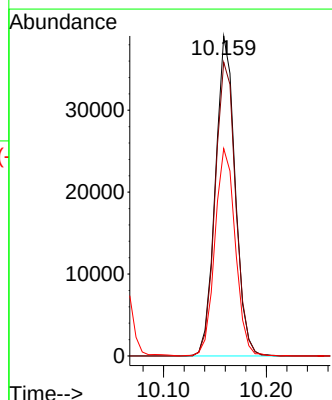
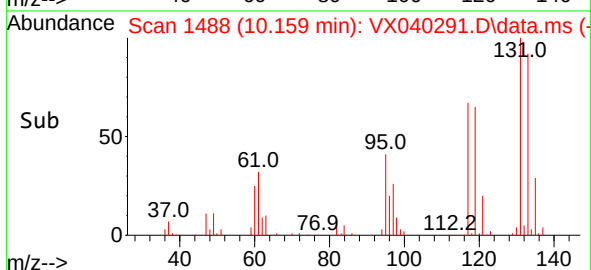
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

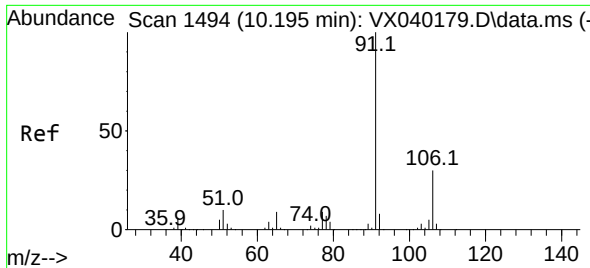


#66
1,1,1,2-Tetrachloroethane
Concen: 56.112 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55



Tgt Ion:131 Resp: 52212
Ion Ratio Lower Upper
131 100
133 95.1 47.1 141.4
119 67.0 32.2 96.6





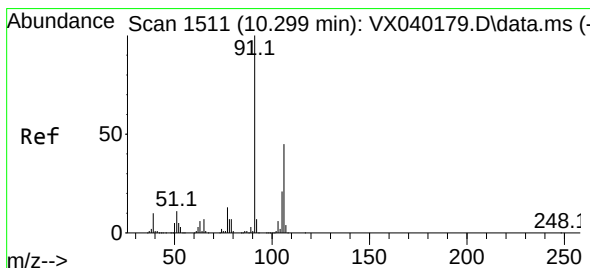
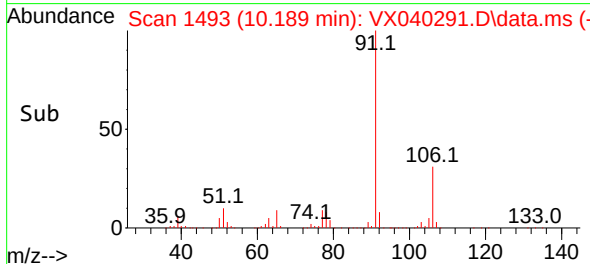
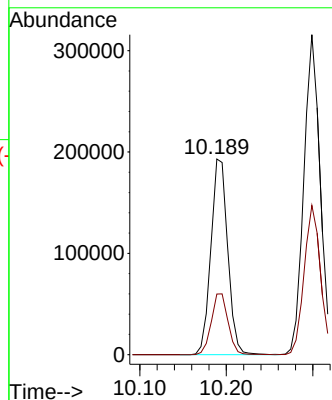
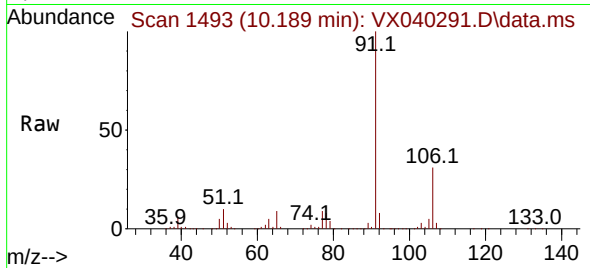
#67
Ethyl Benzene
Concen: 54.513 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 26084
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

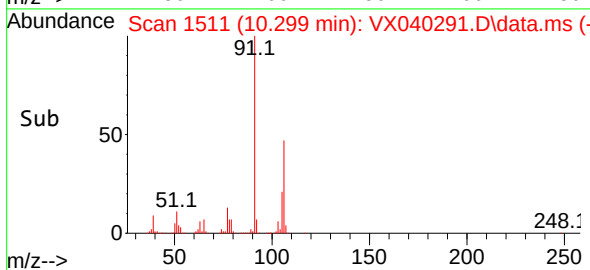
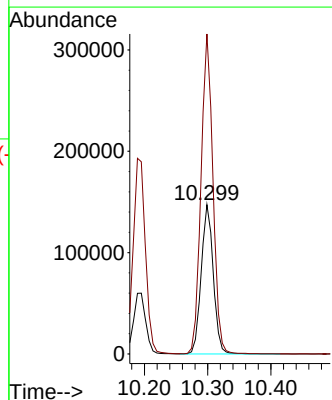
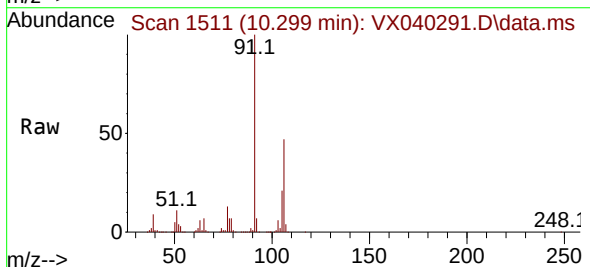
Manual Integrations
APPROVED

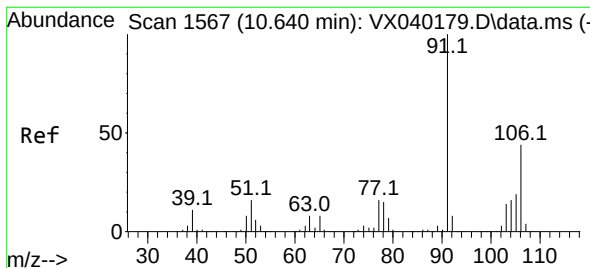
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#68
m/p-Xylenes
Concen: 108.245 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Tgt Ion:106 Resp: 195614
Ion Ratio Lower Upper
106 100
91 212.2 165.5 248.3





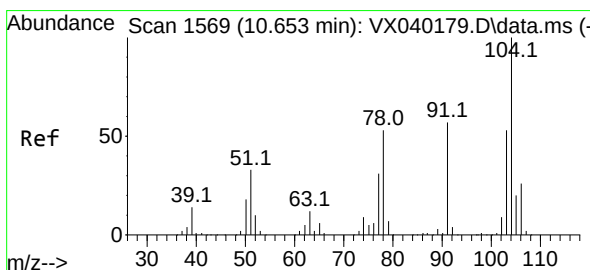
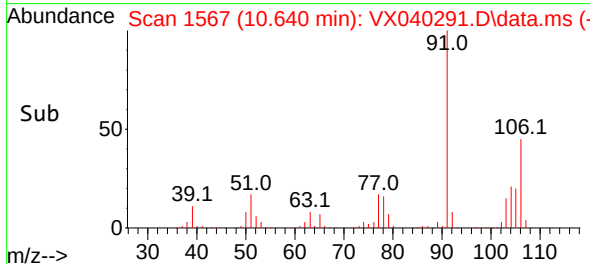
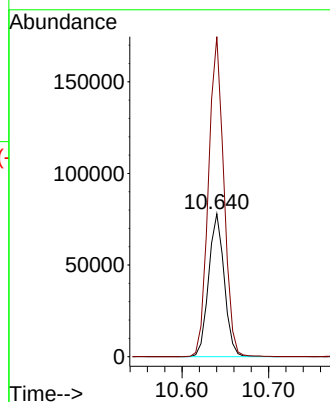
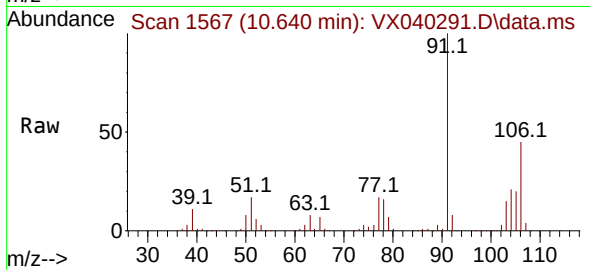
#69
o-Xylene
Concen: 55.530 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 9751
Ion Ratio Lower Upper
106 100
91 221.1 108.9 326.8

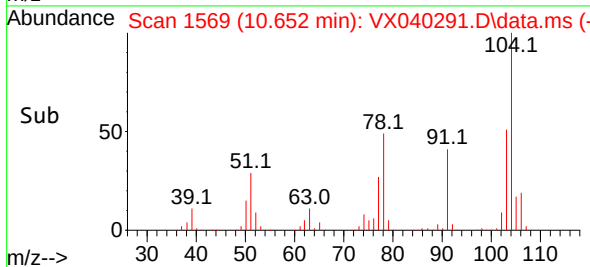
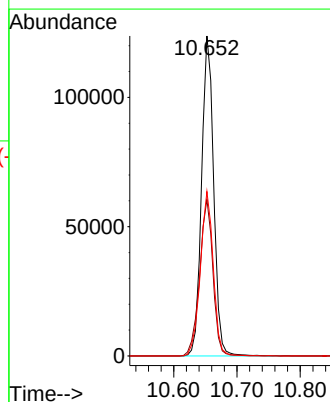
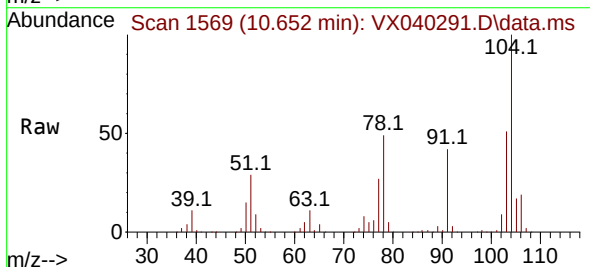
Manual Integrations
APPROVED

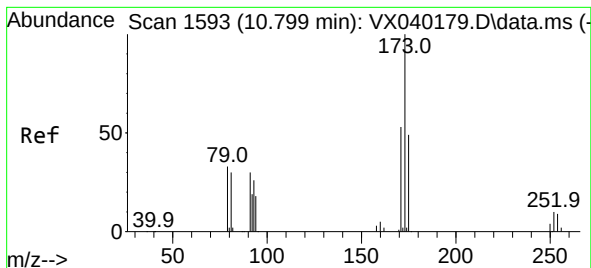
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#70
Styrene
Concen: 56.543 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

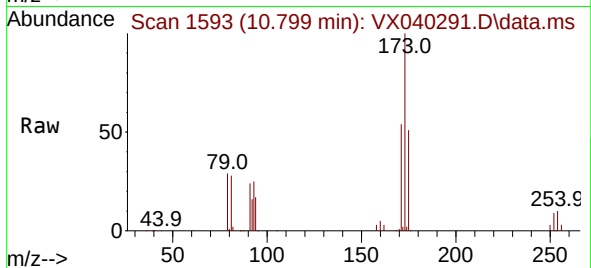
Tgt Ion:104 Resp: 165087
Ion Ratio Lower Upper
104 100
78 53.8 43.6 65.4
103 54.9 43.6 65.4





#71
Bromoform
Concen: 51.149 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

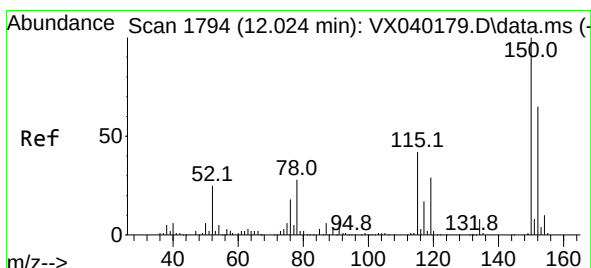
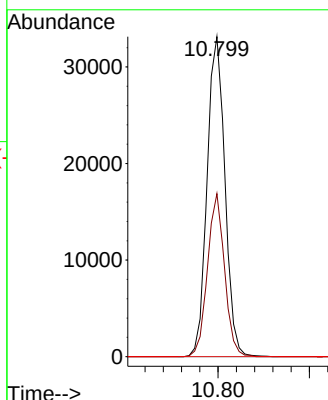
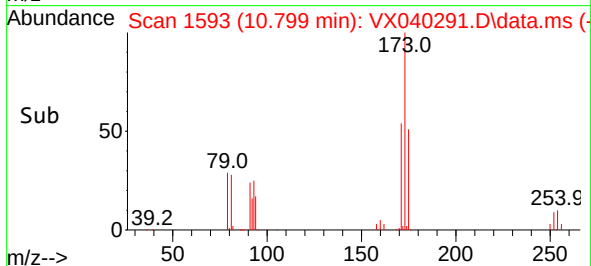
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



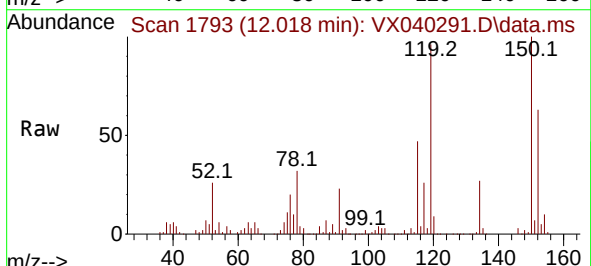
Tgt Ion:173 Resp: 44734
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

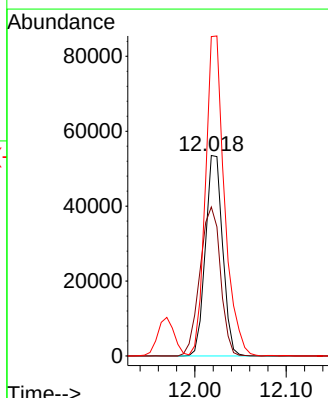
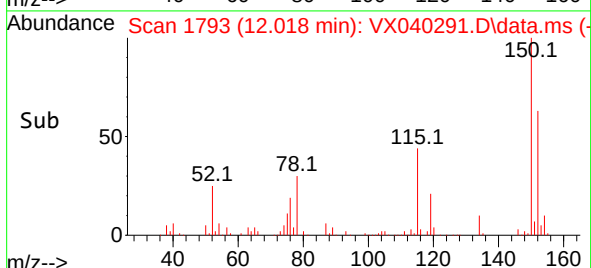
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

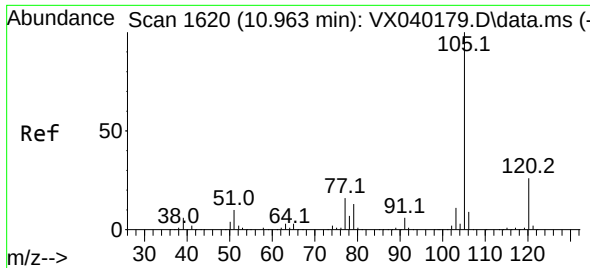


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55



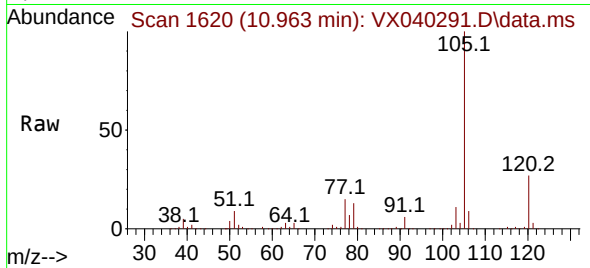
Tgt Ion:152 Resp: 69742
Ion Ratio Lower Upper
152 100
115 89.0 43.3 129.9
150 175.9 0.0 345.0





#73
Isopropylbenzene
Concen: 54.315 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

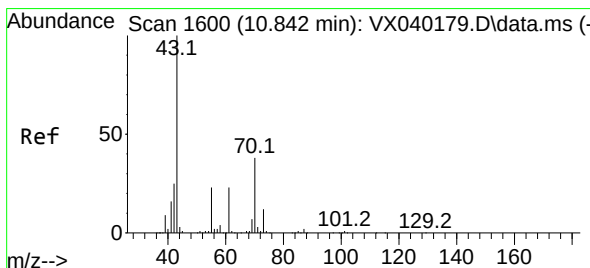
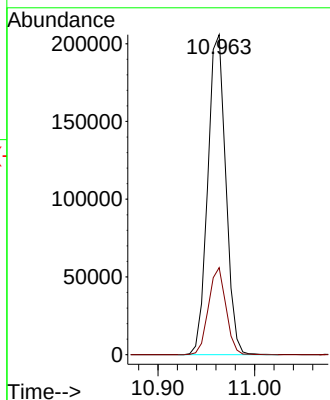
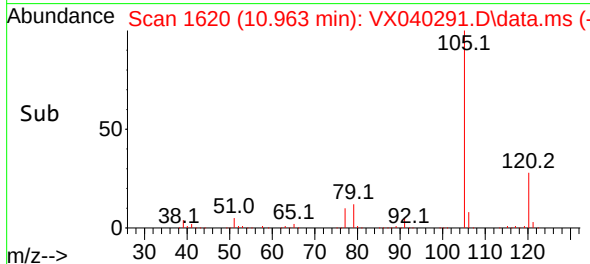
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



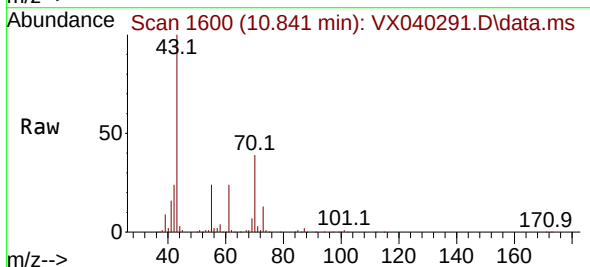
Tgt Ion:105 Resp: 266802
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.6

Manual Integrations
APPROVED

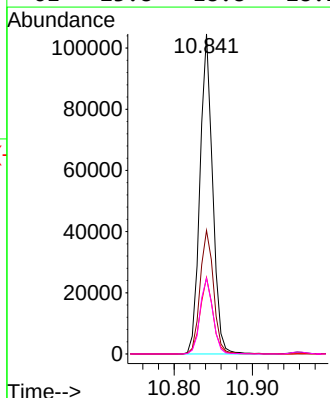
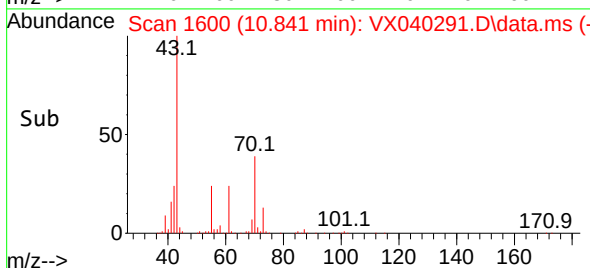
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

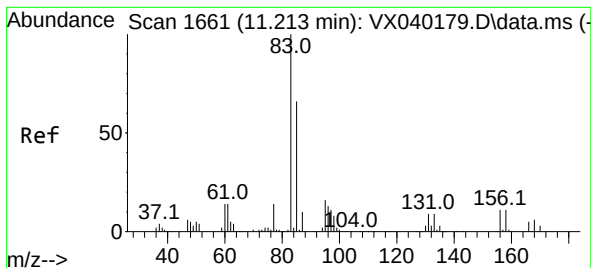


#74
N-ethyl acetate
Concen: 55.838 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55



Tgt Ion: 43 Resp: 117570
Ion Ratio Lower Upper
43 100
70 40.9 32.9 49.3
55 24.2 19.3 28.9
61 23.8 18.8 28.2





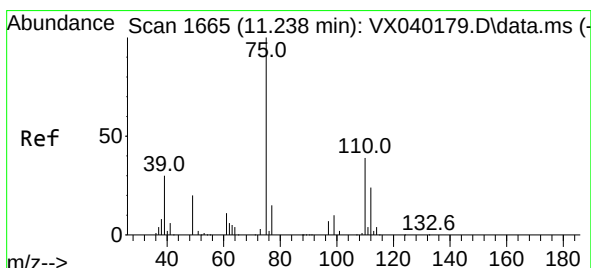
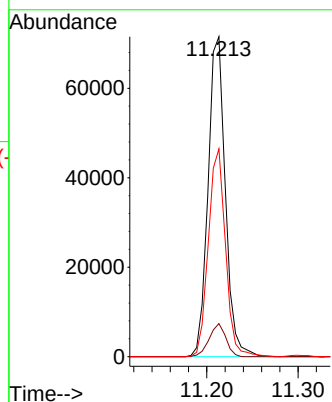
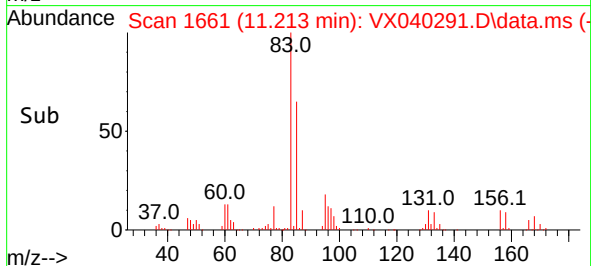
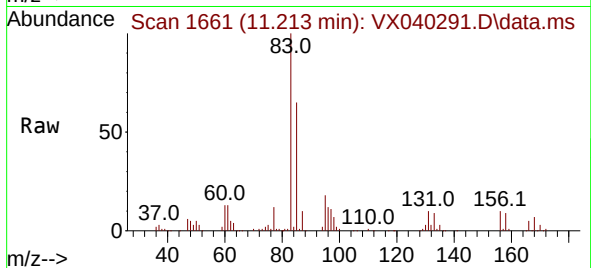
#75
1,1,2,2-Tetrachloroethane
Concen: 53.096 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 93700
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 64.5 32.0 96.2

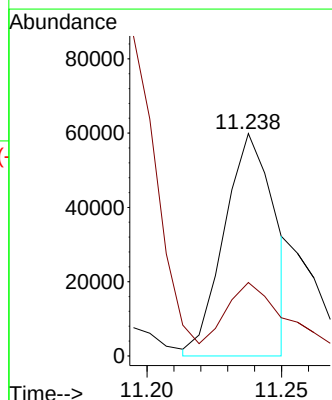
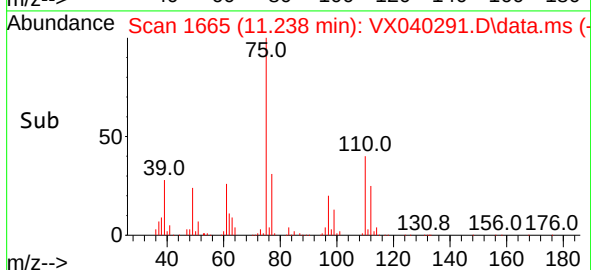
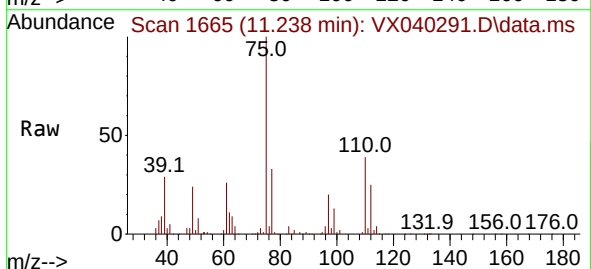
Manual Integrations
APPROVED

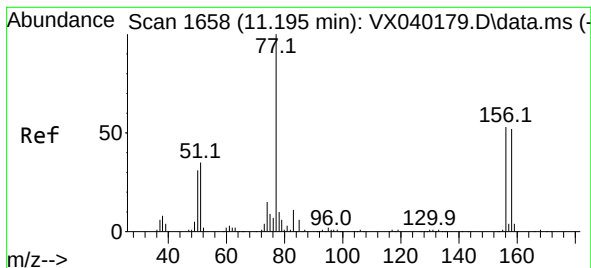
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#76
1,2,3-Trichloropropane
Concen: 55.284 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Tgt Ion: 75 Resp: 78078
Ion Ratio Lower Upper
75 100
77 41.5 19.1 57.5





#77

Bromobenzene

Concen: 54.769 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX040291.D

Acq: 17 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

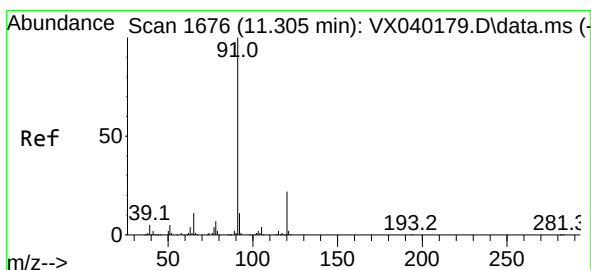
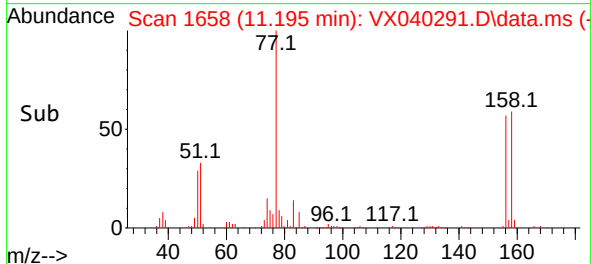
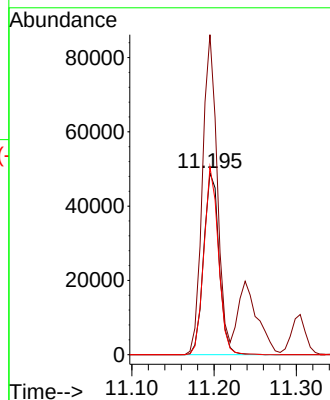
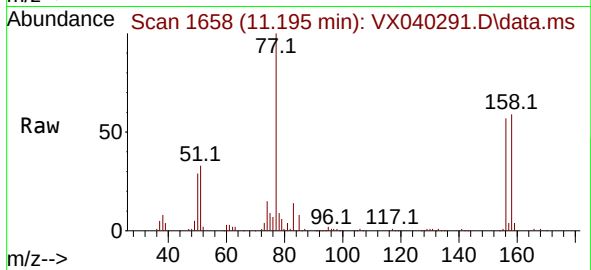
Tgt Ion:	156	Resp:	6354
Ion Ratio	Lower	Upper	
156	100		
77	169.5	88.4	265.3
158	97.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#78

n-propylbenzene

Concen: 55.013 ug/l

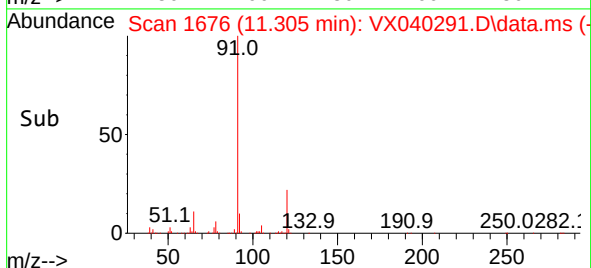
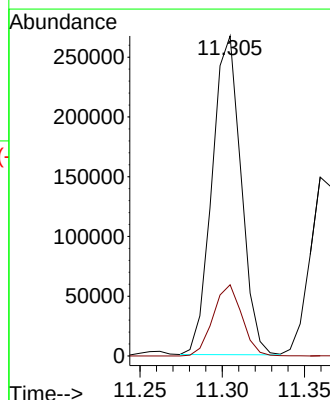
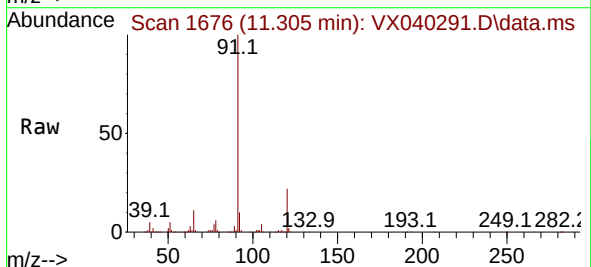
RT: 11.305 min Scan# 1676

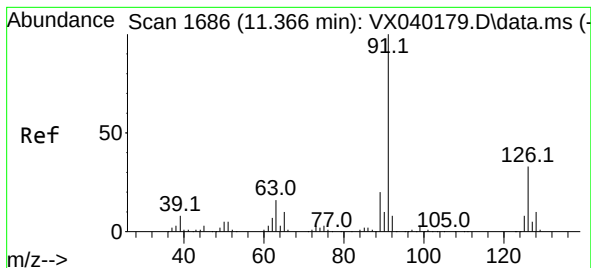
Delta R.T. -0.000 min

Lab File: VX040291.D

Acq: 17 Feb 2024 10:55

Tgt Ion:	91	Resp:	327163
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.5	34.4





#79

2-Chlorotoluene

Concen: 53.401 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX040291.D

Acq: 17 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 19177

Ion Ratio Lower Upper

91 100

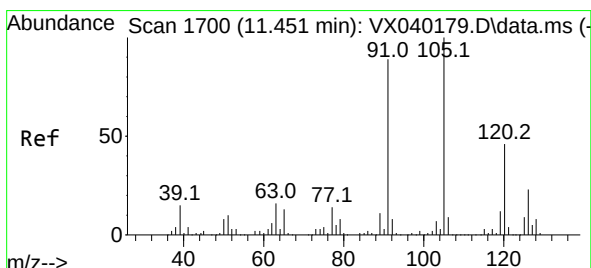
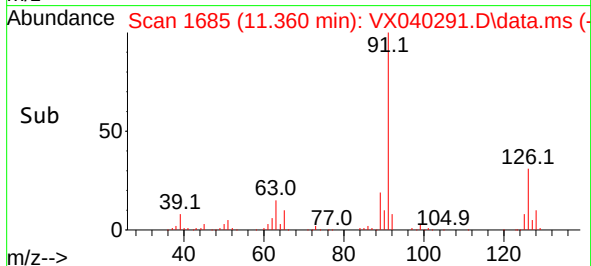
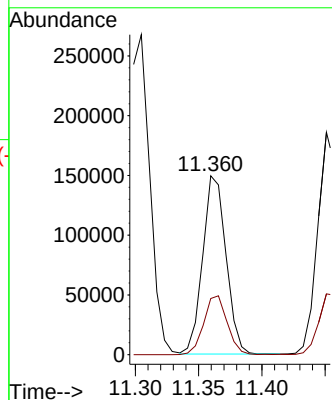
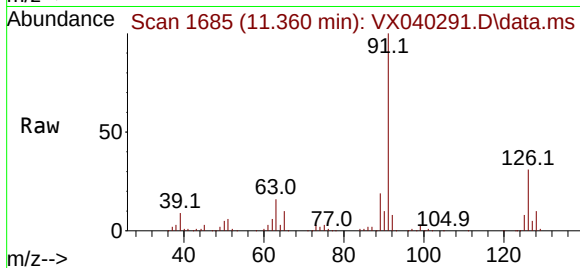
126 33.2 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#80

1,3,5-Trimethylbenzene

Concen: 55.683 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040291.D

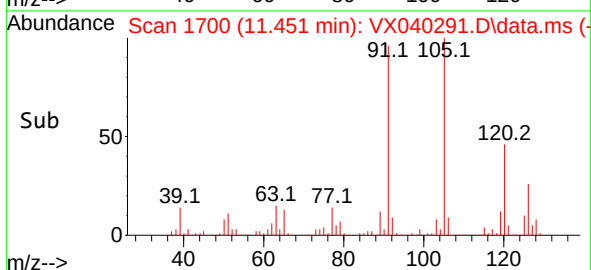
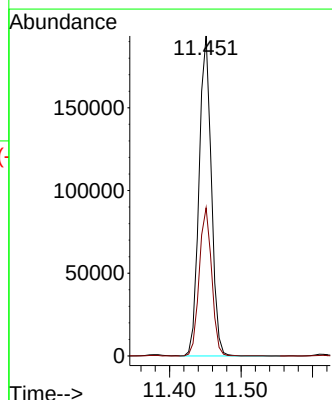
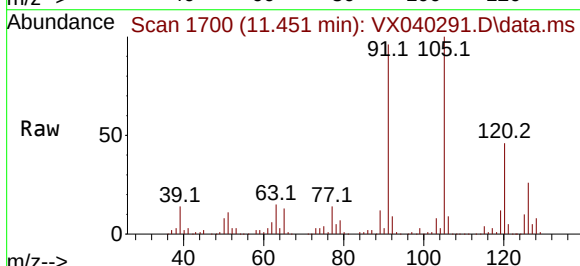
Acq: 17 Feb 2024 10:55

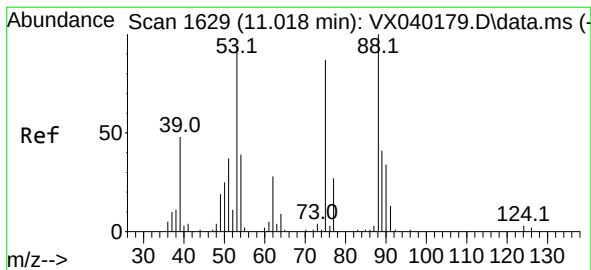
Tgt Ion:105 Resp: 230274

Ion Ratio Lower Upper

105 100

120 47.0 24.1 72.3





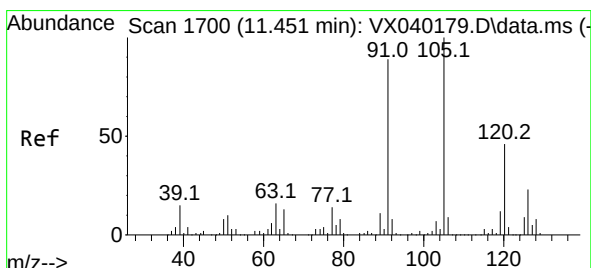
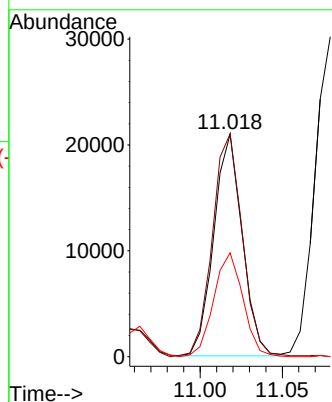
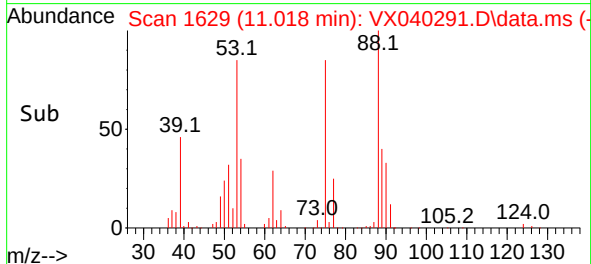
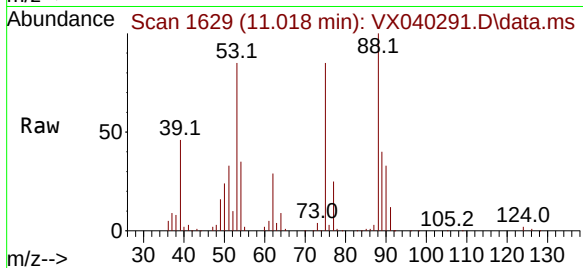
#81
trans-1,4-Dichloro-2-butene
Concen: 50.017 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 25150
Ion Ratio Lower Upper
75 100
53 106.2 90.5 135.7
89 48.2 36.9 55.3

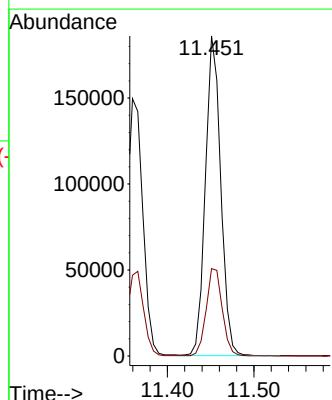
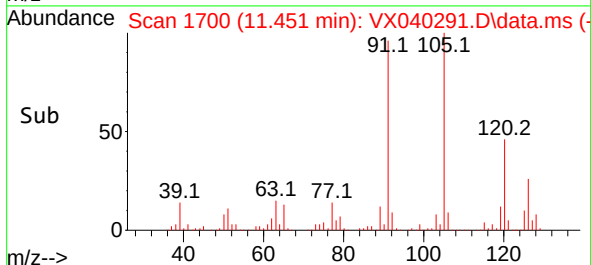
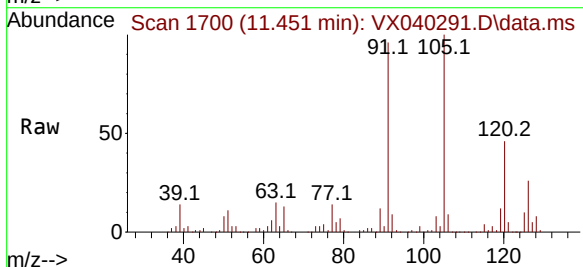
Manual Integrations
APPROVED

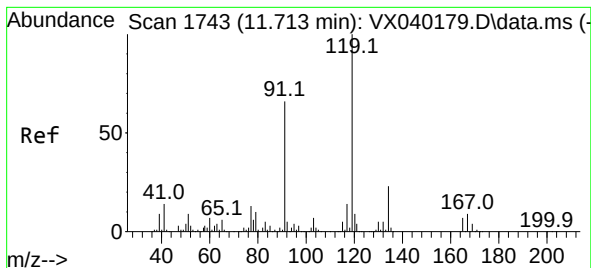
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#82
4-Chlorotoluene
Concen: 53.750 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

Tgt Ion: 91 Resp: 228700
Ion Ratio Lower Upper
91 100
126 28.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 54.661 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX040291.D

Acq: 17 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 221610

Ion Ratio Lower Upper

119 100

91 63.1 31.2 93.6

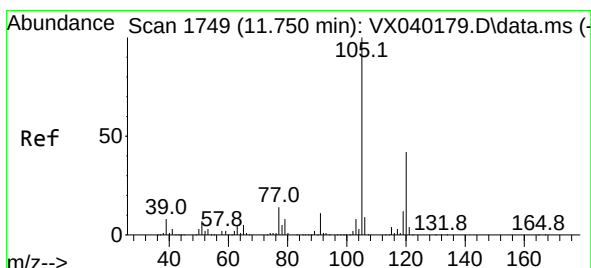
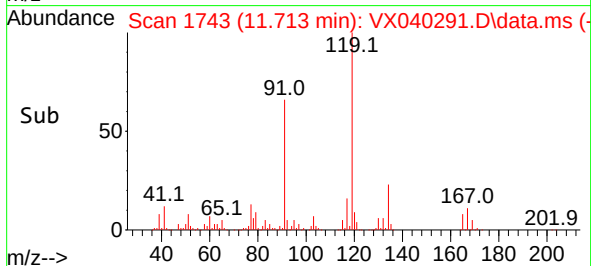
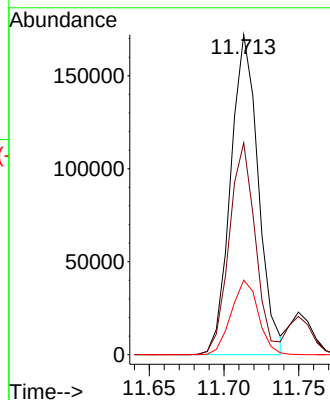
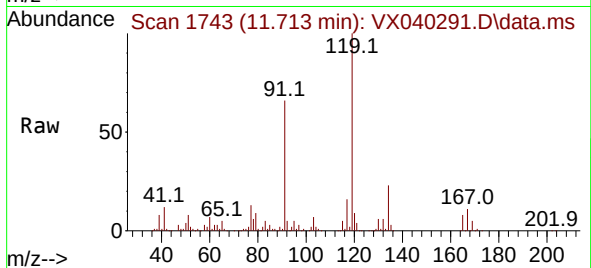
134 22.9 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#84

1,2,4-Trimethylbenzene

Concen: 55.039 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX040291.D

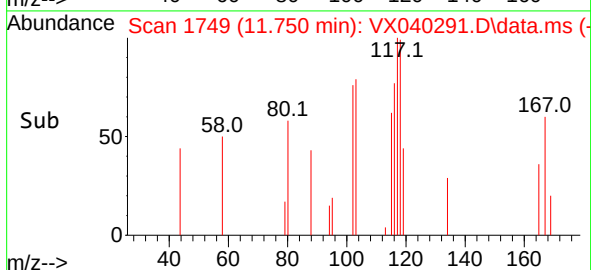
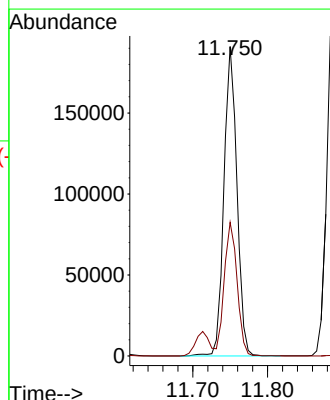
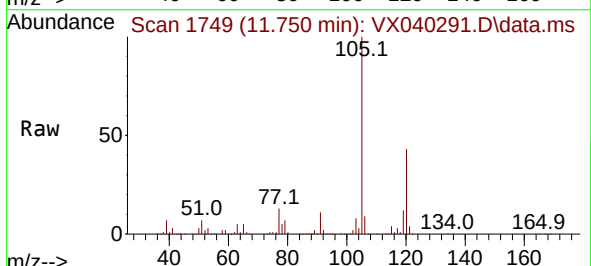
Acq: 17 Feb 2024 10:55

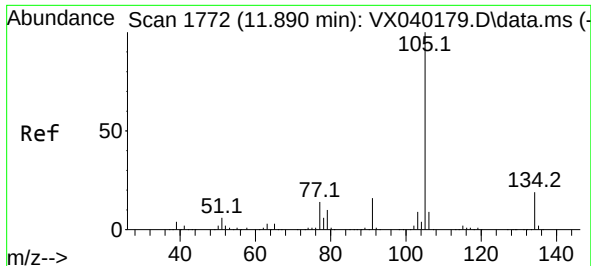
Tgt Ion:105 Resp: 230275

Ion Ratio Lower Upper

105 100

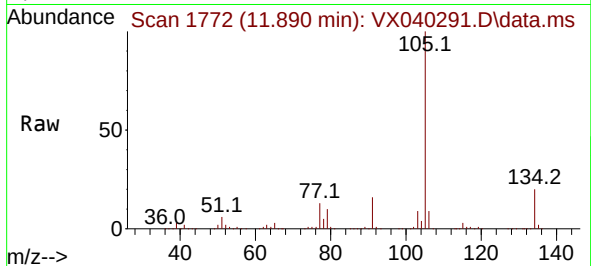
120 42.6 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 56.562 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040291.D
 Acq: 17 Feb 2024 10:55

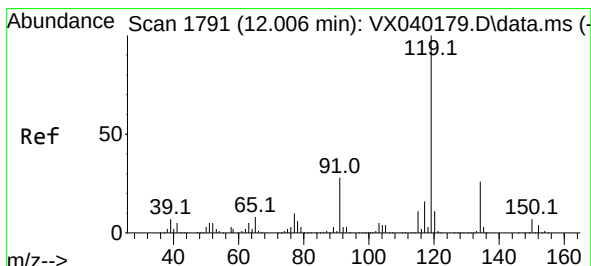
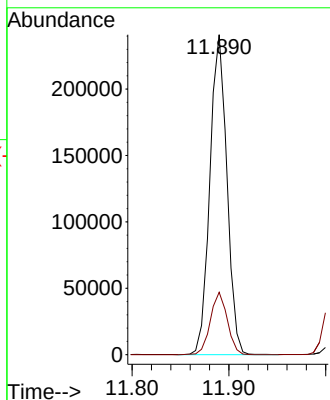
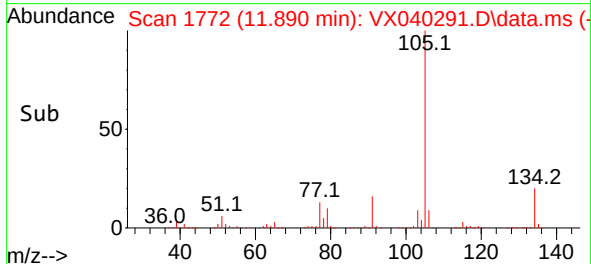
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



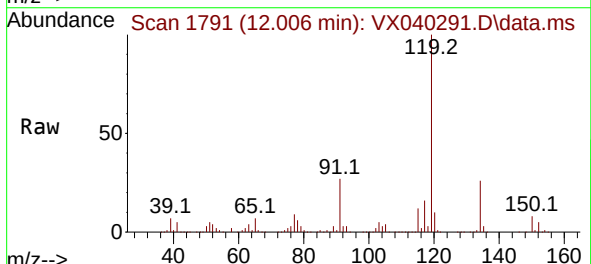
Tgt Ion:105 Resp: 294710
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

Manual Integrations
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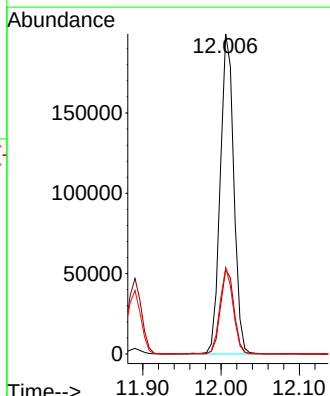
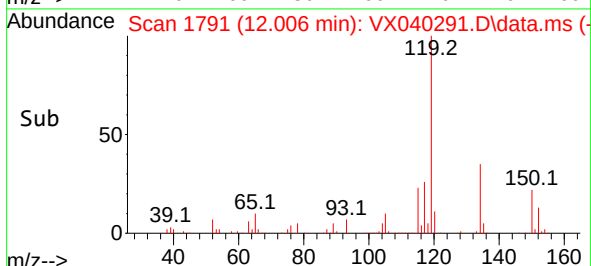
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024

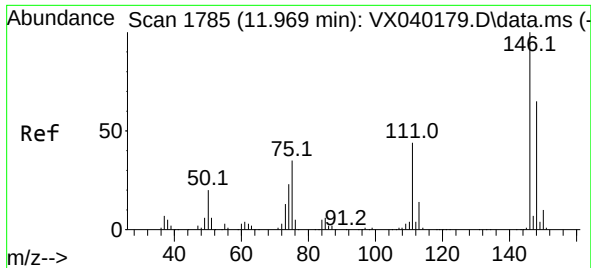


#86
 p-Isopropyltoluene
 Concen: 56.173 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040291.D
 Acq: 17 Feb 2024 10:55



Tgt Ion:119 Resp: 239925
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.8 38.3
 91 26.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 55.369 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040291.D

Acq: 17 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 12728

Ion Ratio Lower Upper

146 100

111 42.4 22.1 66.1

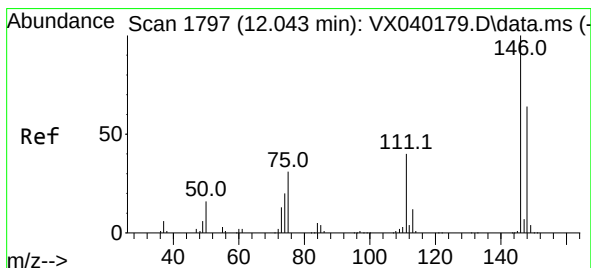
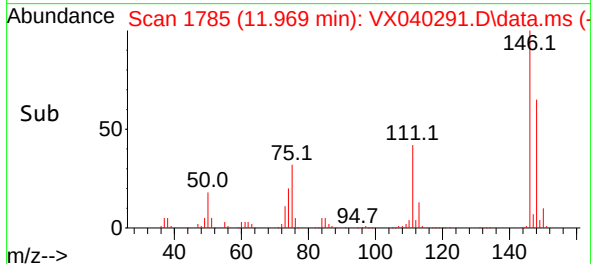
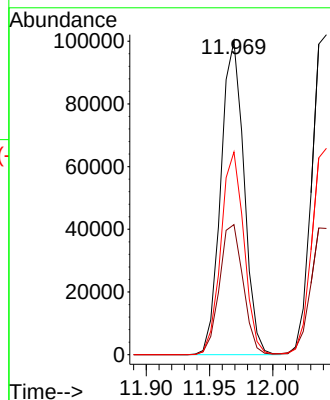
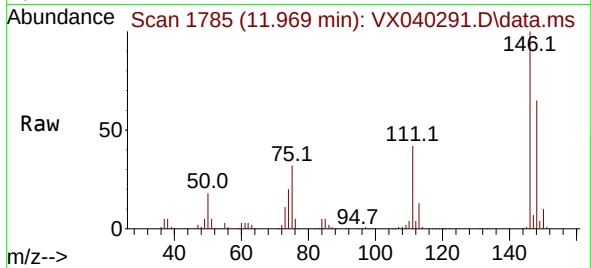
148 64.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#88

1,4-Dichlorobenzene

Concen: 53.462 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX040291.D

Acq: 17 Feb 2024 10:55

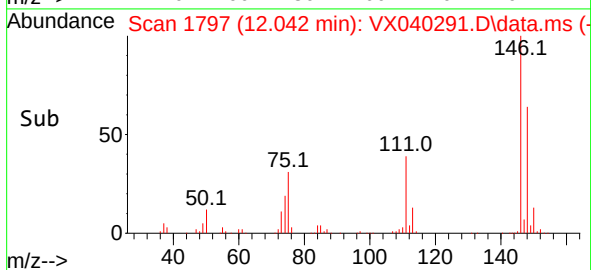
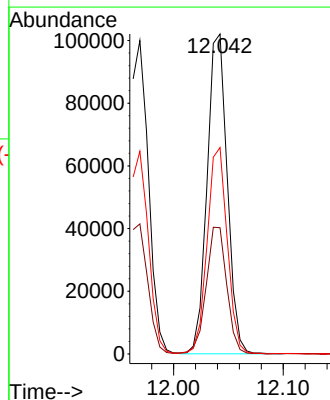
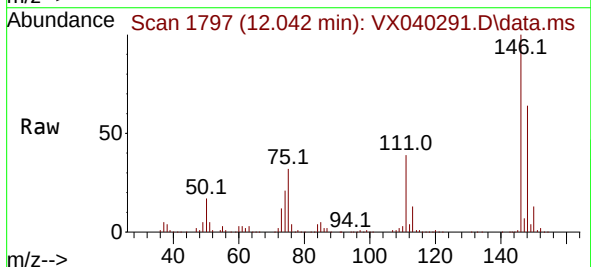
Tgt Ion:146 Resp: 130138

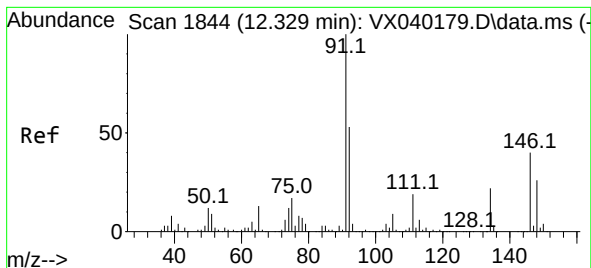
Ion Ratio Lower Upper

146 100

111 40.6 21.3 63.7

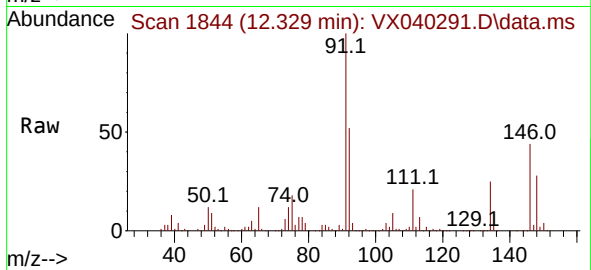
148 64.5 31.8 95.4





#89
n-Butylbenzene
Concen: 56.155 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

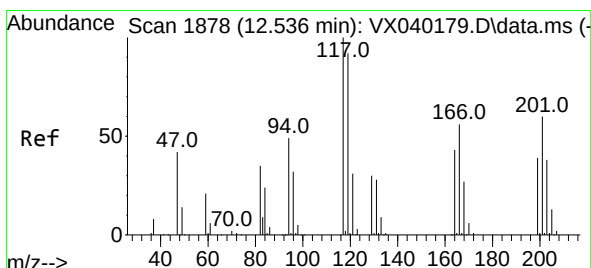
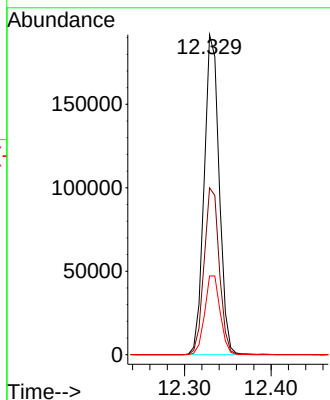
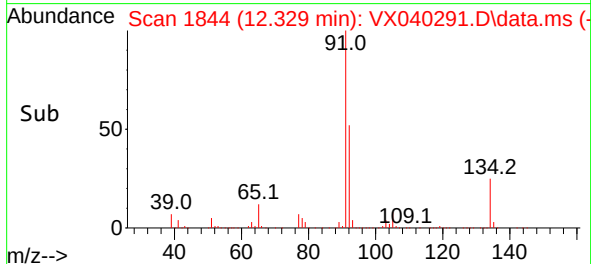
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 231524
Ion Ratio Lower Upper
91 100
92 52.7 27.4 82.0
134 25.4 12.6 37.8

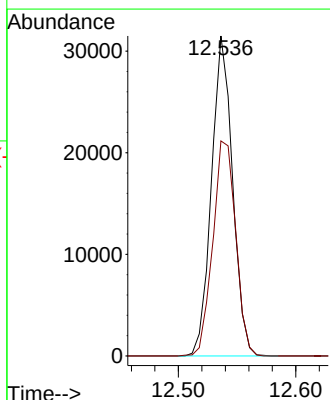
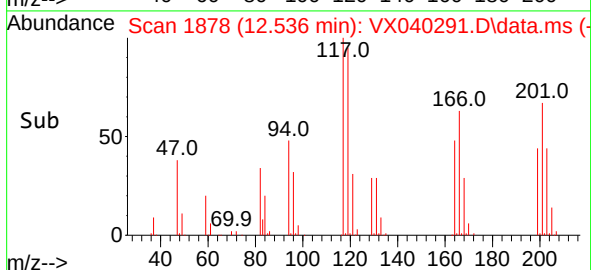
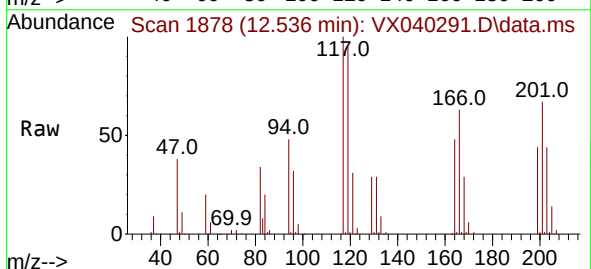
Manual Integrations
APPROVED

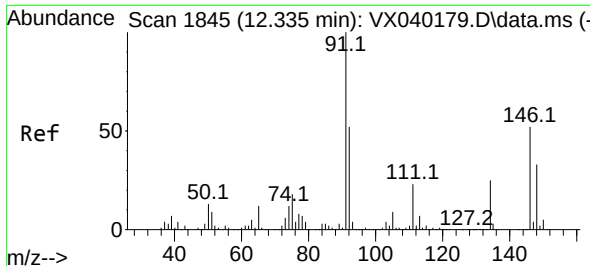
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#90
Hexachloroethane
Concen: 58.201 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

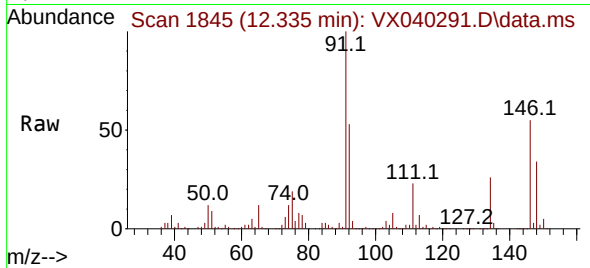
Tgt Ion:117 Resp: 39211
Ion Ratio Lower Upper
117 100
201 73.0 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 55.364 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

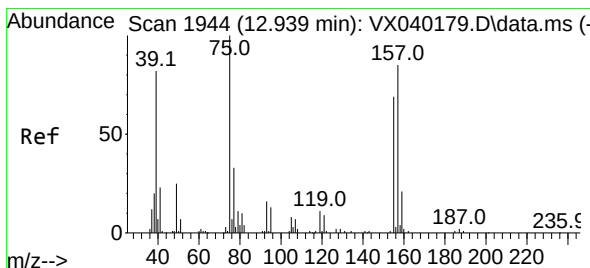
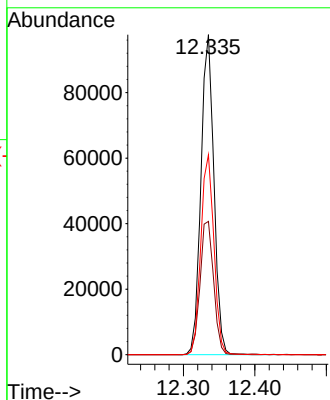
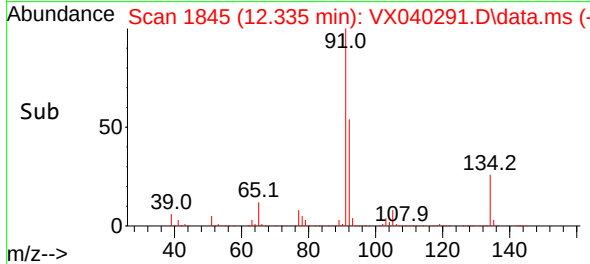
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



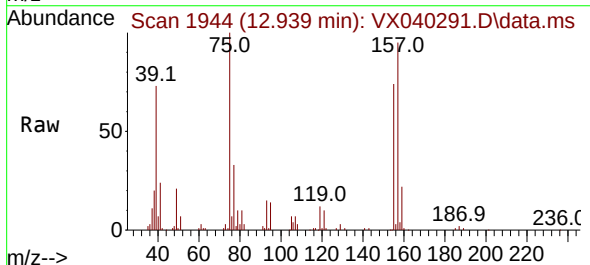
Tgt Ion:146 Resp: 123204
Ion Ratio Lower Upper
146 100
111 43.6 22.4 67.0
148 63.0 31.6 95.0

Manual Integrations
APPROVED

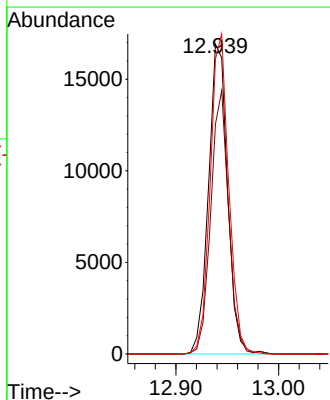
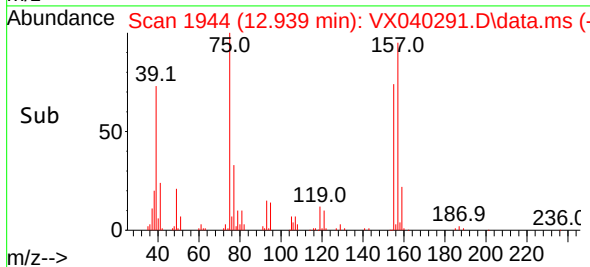
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

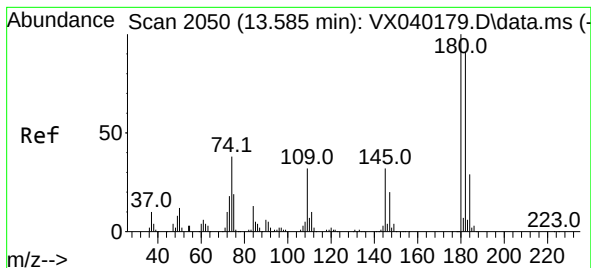


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.585 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55



Tgt Ion: 75 Resp: 21826
Ion Ratio Lower Upper
75 100
155 80.0 36.1 108.5
157 100.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 55.967 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX040291.D

Acq: 17 Feb 2024 10:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

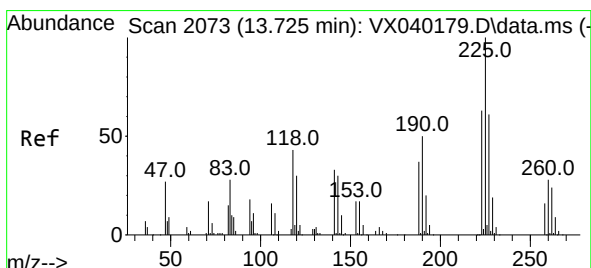
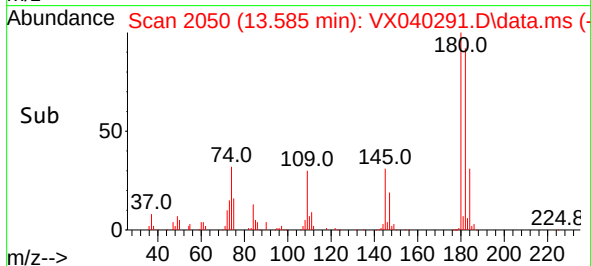
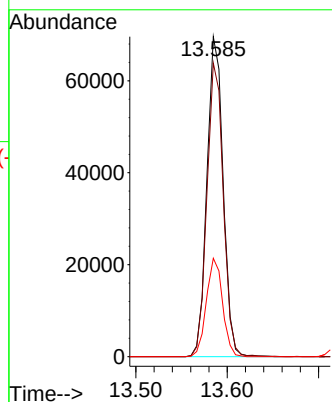
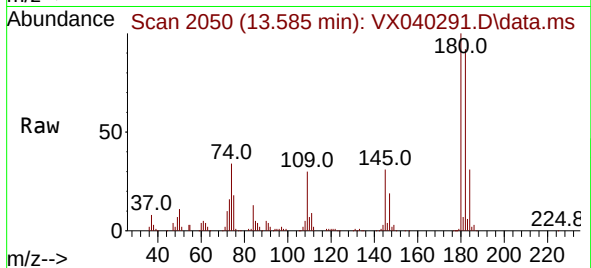
Tgt Ion:180	Resp:	8526	
Ion Ratio	Lower	Upper	
180	100		
182	92.8	48.3	144.8
145	30.8	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#94

Hexachlorobutadiene

Concen: 56.137 ug/l

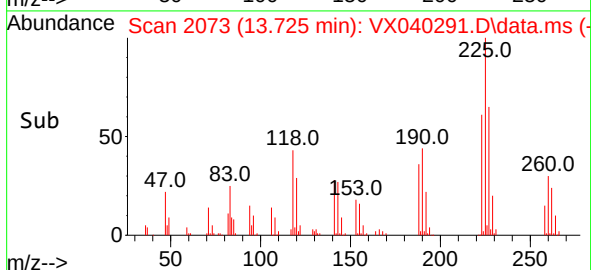
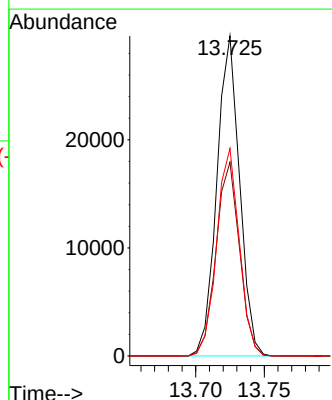
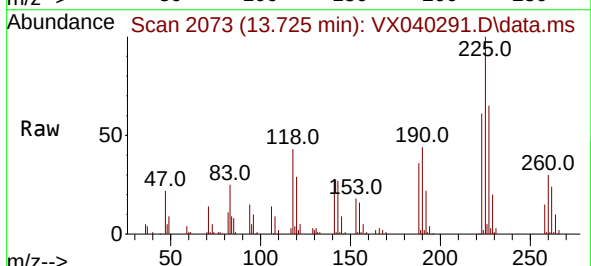
RT: 13.725 min Scan# 2073

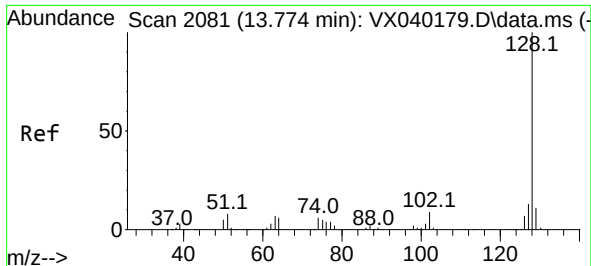
Delta R.T. -0.000 min

Lab File: VX040291.D

Acq: 17 Feb 2024 10:55

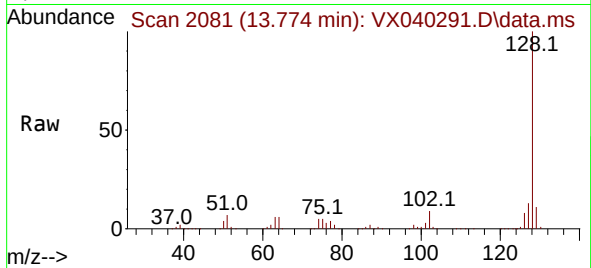
Tgt Ion:225	Resp:	34134	
Ion Ratio	Lower	Upper	
225	100		
223	62.3	31.1	93.2
227	64.7	32.5	97.5





#95
Naphthalene
Concen: 54.911 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55

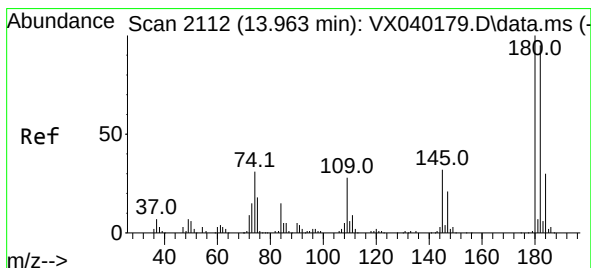
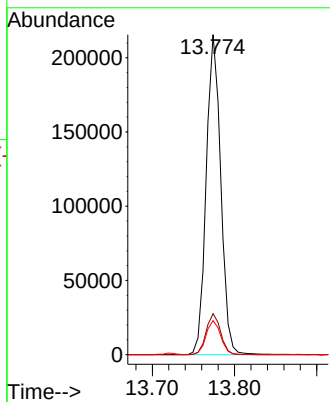
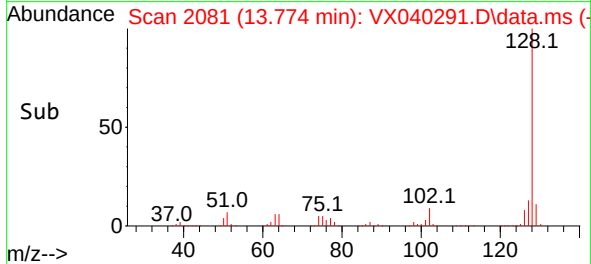
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



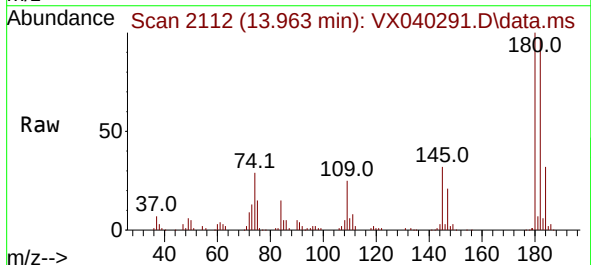
Tgt Ion:128 Resp: 264224
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#96
1,2,3-Trichlorobenzene
Concen: 56.034 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX040291.D
Acq: 17 Feb 2024 10:55



Tgt Ion:180 Resp: 81374
Ion Ratio Lower Upper
180 100
182 94.0 46.9 140.6
145 33.3 17.8 53.5

