

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042880.D
 Acq On : 06 Aug 2024 19:28
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024

Quant Time: Aug 07 02:38:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:27:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	254784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	424451	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	376326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	178191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	169926	48.582	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.160%		
35) Dibromofluoromethane	5.385	113	137025	49.374	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.740%		
50) Toluene-d8	8.647	98	482026	48.925	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.860%		
62) 4-Bromofluorobenzene	11.079	95	168890	47.704	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	140634	51.209	ug/l	98
3) Chloromethane	1.301	50	140465	46.943	ug/l	97
4) Vinyl Chloride	1.374	62	140494	49.486	ug/l	99
5) Bromomethane	1.593	94	80620	46.921	ug/l	100
6) Chloroethane	1.660	64	81728	50.531	ug/l	95
7) Trichlorofluoromethane	1.868	101	225921	51.168	ug/l	98
8) Diethyl Ether	2.136	74	78696	48.458	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.313	101	135781	48.913	ug/l	96
10) Methyl Iodide	2.441	142	146530	51.049	ug/l	96
11) Tert butyl alcohol	2.995	59	187226	269.115	ug/l #	93
12) 1,1-Dichloroethene	2.307	96	136392	48.568	ug/l	87
13) Acrolein	2.240	56	170757	249.005	ug/l	100
14) Allyl chloride	2.660	41	206197	48.593	ug/l	93
15) Acrylonitrile	3.069	53	435045	245.001	ug/l	98
16) Acetone	2.392	43	358706	236.445	ug/l	94
17) Carbon Disulfide	2.502	76	330466	48.357	ug/l	100
18) Methyl Acetate	2.709	43	224558	46.677	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	467350	49.444	ug/l	100
20) Methylene Chloride	2.788	84	151800	48.325	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	140692	49.796	ug/l	93
22) Diisopropyl ether	3.770	45	463923	49.767	ug/l	88
23) Vinyl Acetate	3.727	43	2714509	256.573	ug/l	97
24) 1,1-Dichloroethane	3.605	63	265569	49.535	ug/l	98
25) 2-Butanone	4.568	43	596832	250.510	ug/l	96
26) 2,2-Dichloropropane	4.477	77	162468	49.294	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	168872	50.400	ug/l	90
28) Bromochloromethane	4.904	49	87749	42.655	ug/l	87
29) Tetrahydrofuran	5.013	42	394746	245.196	ug/l	95
30) Chloroform	5.093	83	278019	49.536	ug/l	100
31) Cyclohexane	5.471	56	218533	49.934	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	247442	50.081	ug/l	98
36) 1,1-Dichloropropene	5.684	75	181962	48.359	ug/l	97
37) Ethyl Acetate	4.721	43	232409	49.366	ug/l	98
38) Carbon Tetrachloride	5.678	117	208889	49.179	ug/l	98
39) Methylcyclohexane	7.379	83	233010	52.093	ug/l	97
40) Benzene	6.038	78	587380	50.299	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	125039	51.567	ug/l	93
42) 1,2-Dichloroethane	6.086	62	211079	49.693	ug/l	98
43) Isopropyl Acetate	6.349	43	353348	50.750	ug/l	98
44) Trichloroethene	7.123	130	143642	48.953	ug/l	98
45) 1,2-Dichloropropane	7.428	63	147196	49.689	ug/l	100
46) Dibromomethane	7.580	93	108500	49.869	ug/l	94
47) Bromodichloromethane	7.824	83	206609	51.119	ug/l	99
48) Methyl methacrylate	7.696	41	174505	52.270	ug/l	91
49) 1,4-Dioxane	7.665	88	75953	988.943	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	1174877	251.920	ug/l	98
52) Toluene	8.720	92	360392	50.877	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	193799	51.871	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	213498	51.742	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	142554	49.504	ug/l	93
56) Ethyl methacrylate	9.116	69	236953	51.135	ug/l	94
57) 1,3-Dichloropropane	9.311	76	235251	49.869	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	574465	263.032	ug/l	99
59) 2-Hexanone	9.433	43	908960	251.528	ug/l	97
60) Dibromochloromethane	9.519	129	158037	49.958	ug/l	99
61) 1,2-Dibromoethane	9.610	107	152395	50.089	ug/l	100
64) Tetrachloroethene	9.275	164	131072	50.092	ug/l	96
65) Chlorobenzene	10.080	112	391018	48.964	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	137657	49.991	ug/l	100
67) Ethyl Benzene	10.195	91	679787	50.606	ug/l	100
68) m/p-Xylenes	10.299	106	524202	102.222	ug/l	98
69) o-Xylene	10.640	106	258694	50.359	ug/l	98
70) Styrene	10.653	104	434136	52.555	ug/l	97
71) Bromoform	10.799	173	113423	48.675	ug/l #	99
73) Isopropylbenzene	10.964	105	654538	50.806	ug/l	99
74) N-amyl acetate	10.842	43	301881	52.077	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	227046	48.108	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	187659m	48.010	ug/l	
77) Bromobenzene	11.195	156	163448	49.875	ug/l	90
78) n-propylbenzene	11.305	91	750582	52.450	ug/l	100
79) 2-Chlorotoluene	11.366	91	458041	49.939	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	551055	51.658	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	64112	52.018	ug/l	93
82) 4-Chlorotoluene	11.451	91	520906	50.527	ug/l	98
83) tert-Butylbenzene	11.713	119	552320	50.382	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	562656	52.393	ug/l	99
85) sec-Butylbenzene	11.890	105	673663	52.187	ug/l	100
86) p-Isopropyltoluene	12.006	119	571852	53.321	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	293521	49.490	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	291382	47.930	ug/l	98
89) n-Butylbenzene	12.329	91	485925	52.520	ug/l	97
90) Hexachloroethane	12.536	117	97498	49.698	ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	295210	49.707	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	52278	50.412	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	181296	50.045	ug/l	93
94) Hexachlorobutadiene	13.725	225	77353	50.346	ug/l	98
95) Naphthalene	13.774	128	652942	52.086	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	186267	51.079	ug/l	98

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

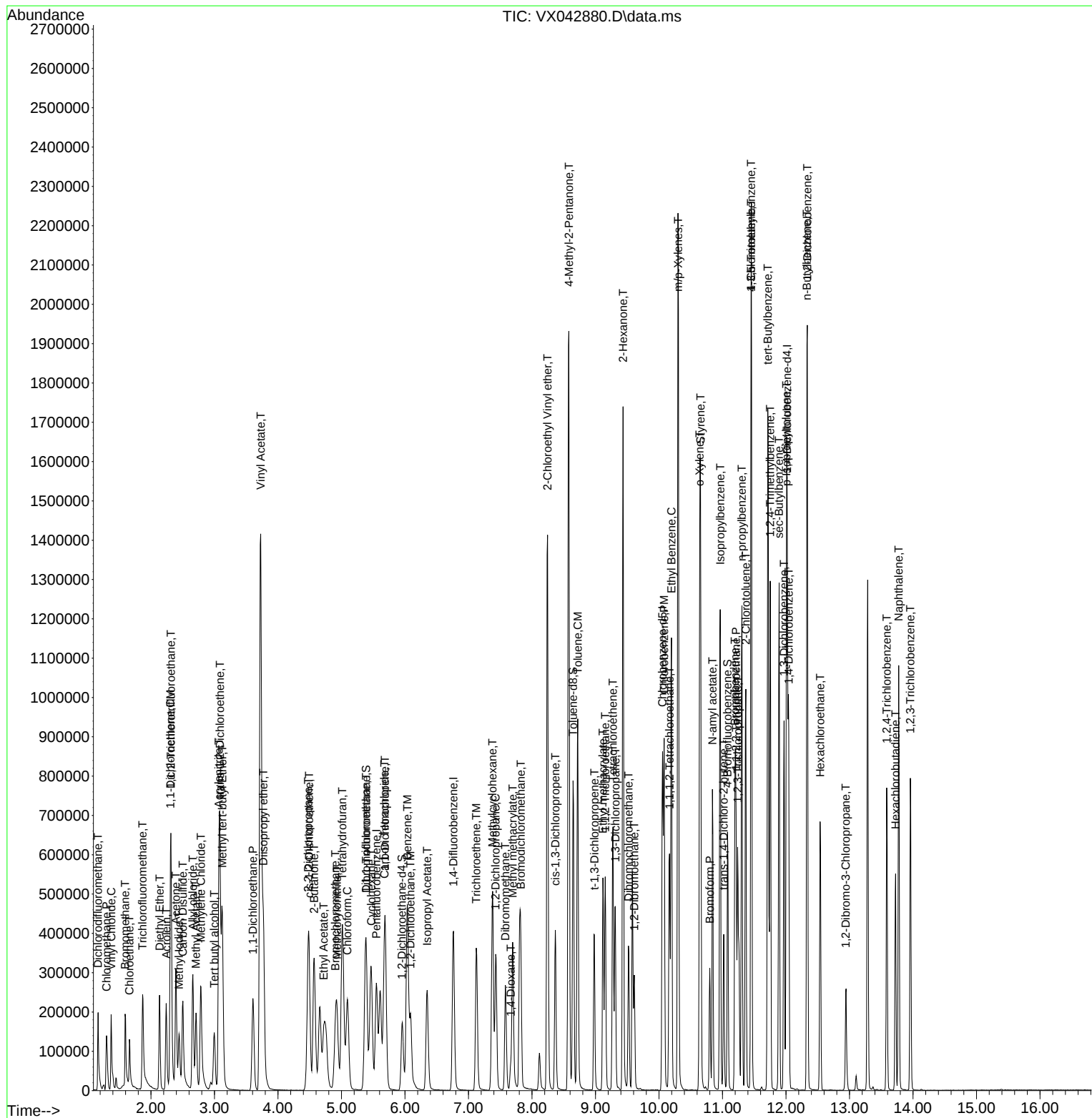
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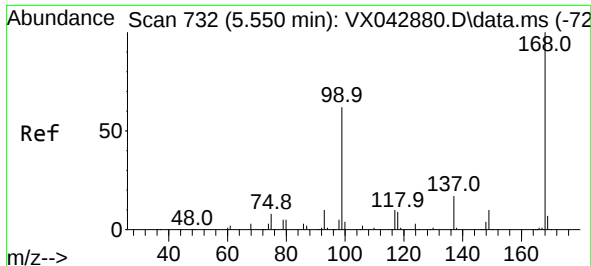
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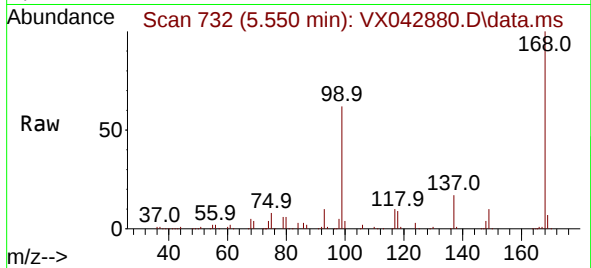
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX042880.D
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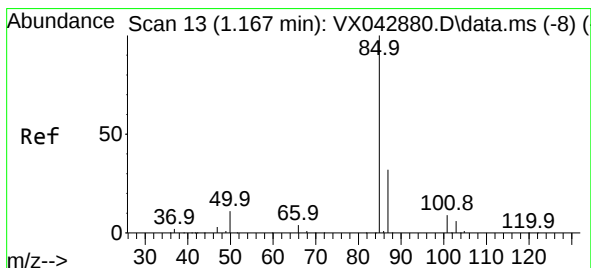
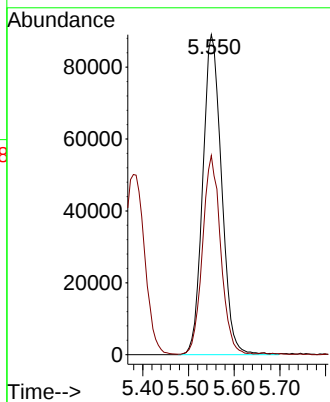
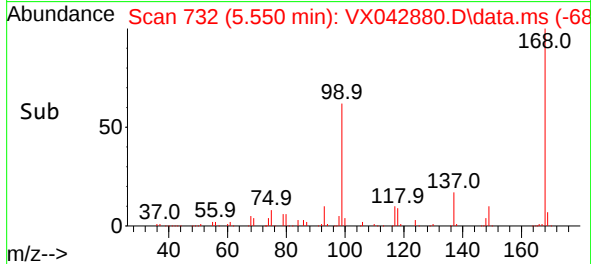
Instrument :
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ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 254784
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0

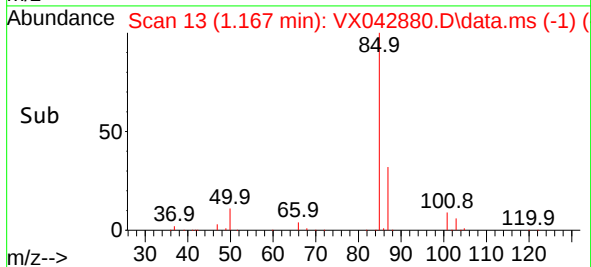
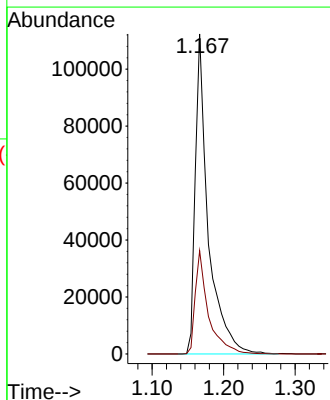
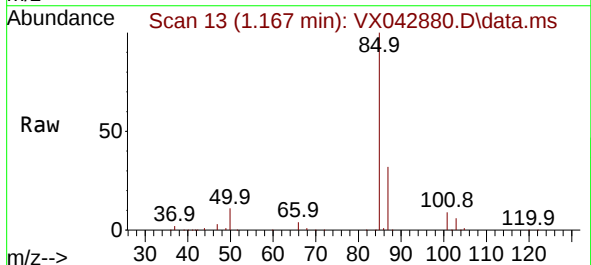
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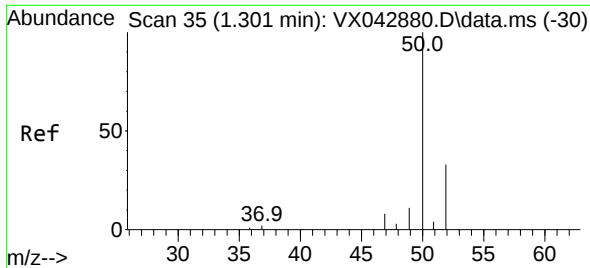
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#2
Dichlorodifluoromethane
Concen: 51.209 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX042880.D
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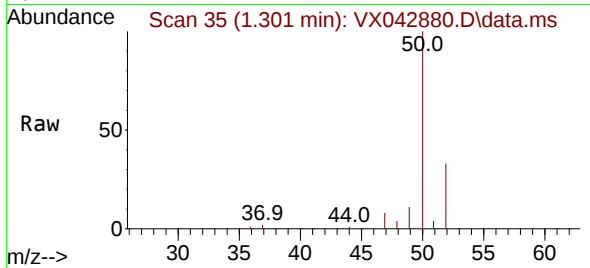
Tgt Ion: 85 Resp: 140634
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.1





#3
Chloromethane
Concen: 46.943 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

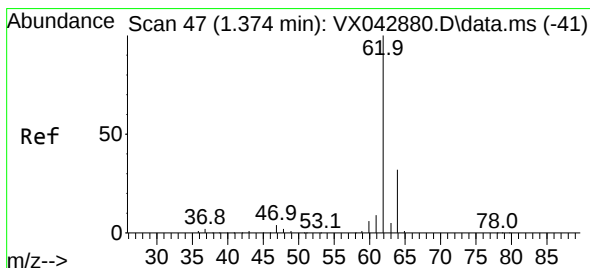
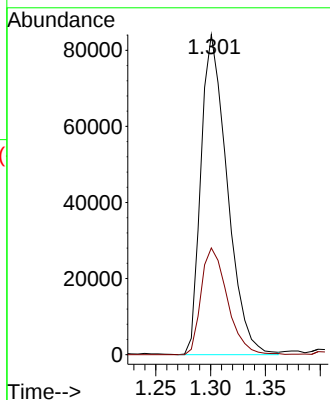
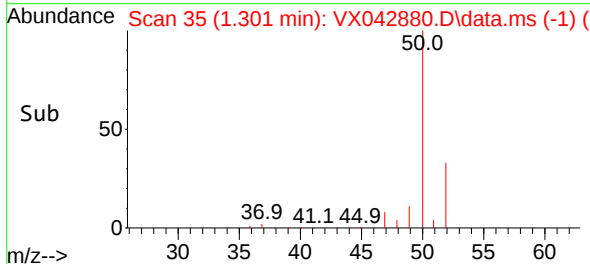
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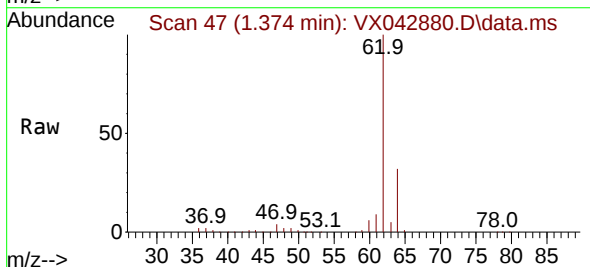
Tgt Ion: 50 Resp: 140465
Ion Ratio Lower Upper
50 100
52 33.4 25.5 38.3

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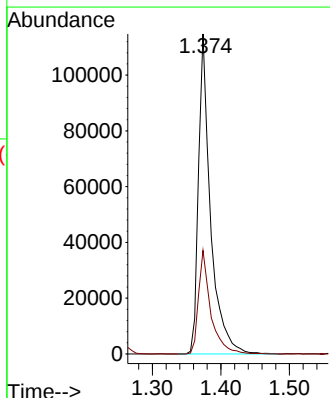
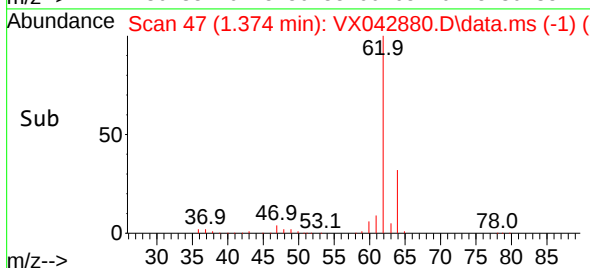
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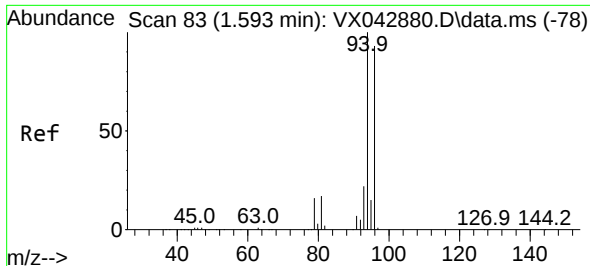


#4
Vinyl Chloride
Concen: 49.486 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28



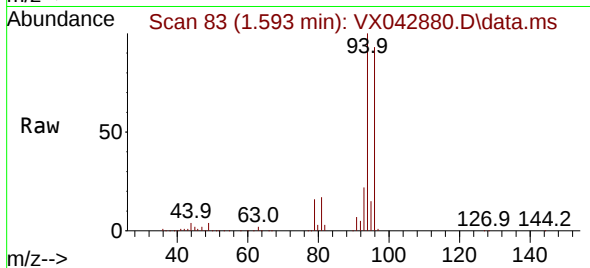
Tgt Ion: 62 Resp: 140494
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0





#5
Bromomethane
Concen: 46.921 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX042880.D
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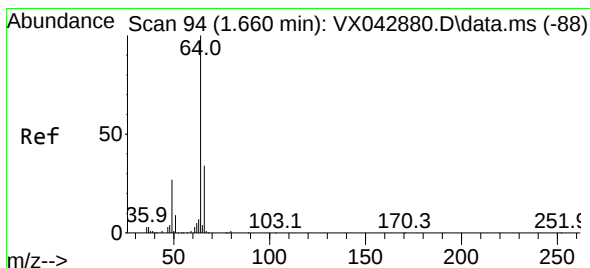
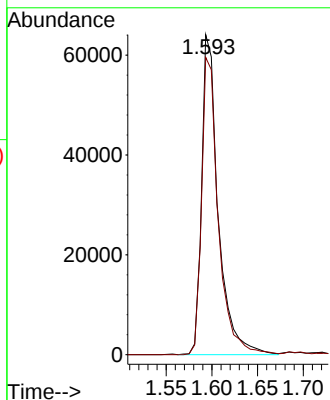
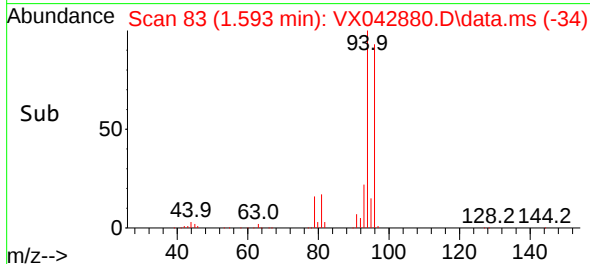
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Tgt Ion: 94 Resp: 80620
Ion Ratio Lower Upper
94 100
96 92.9 74.6 111.8

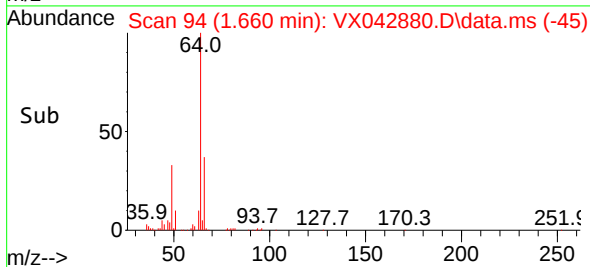
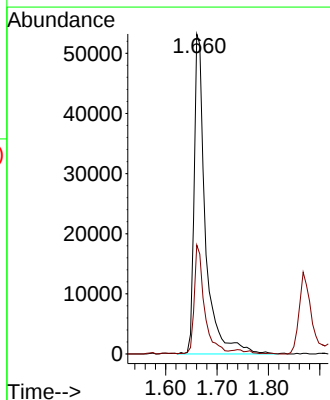
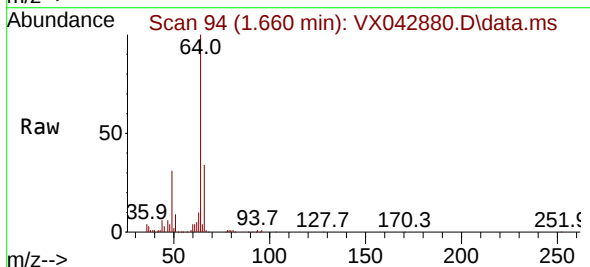
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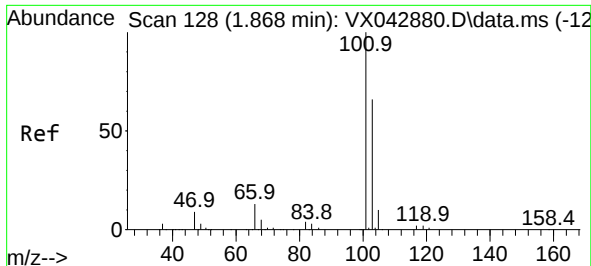
Reviewed By :John Carlone 08/07/2024
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#6
Chloroethane
Concen: 50.531 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX042880.D
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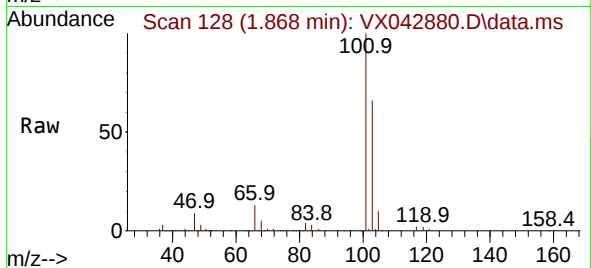
Tgt Ion: 64 Resp: 81728
Ion Ratio Lower Upper
64 100
66 34.1 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 51.168 ug/l
 RT: 1.868 min Scan# 128
 Delta R.T. 0.000 min
 Lab File: VX042880.D
 Acq: 06 Aug 2024 19:28

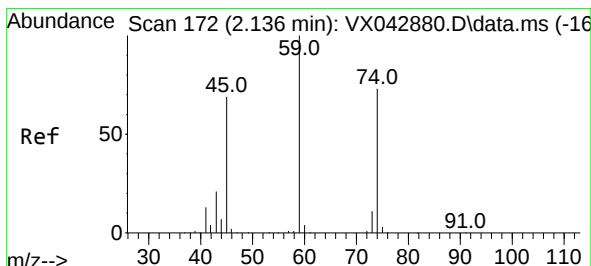
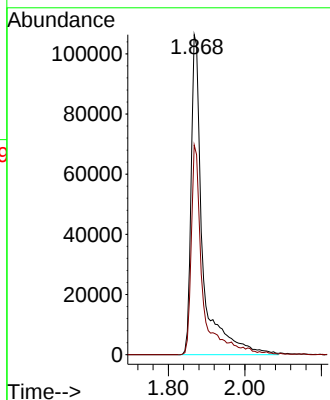
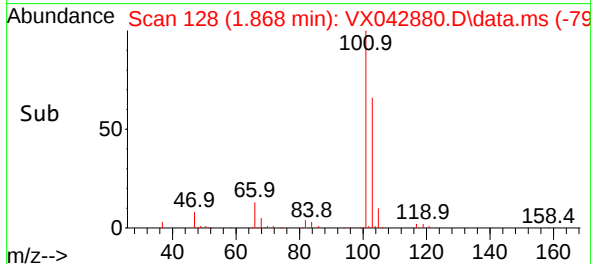
Instrument :
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Tgt Ion:101 Resp: 22592
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.4 77.2

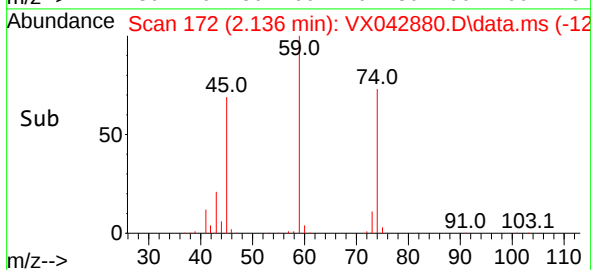
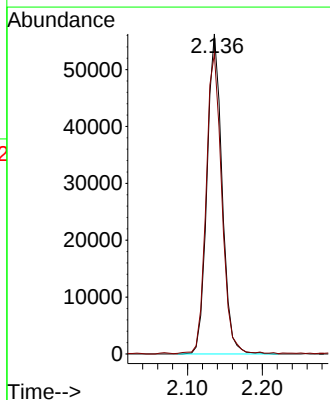
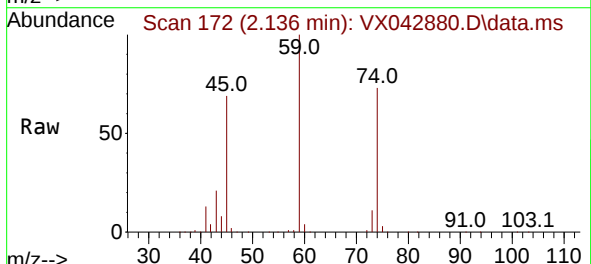
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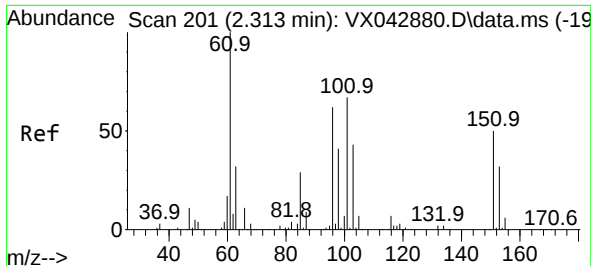
Reviewed By :John Carlone 08/07/2024
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#8
 Diethyl Ether
 Concen: 48.458 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX042880.D
 Acq: 06 Aug 2024 19:28

Tgt Ion: 74 Resp: 78696
 Ion Ratio Lower Upper
 74 100
 45 97.4 53.3 159.8





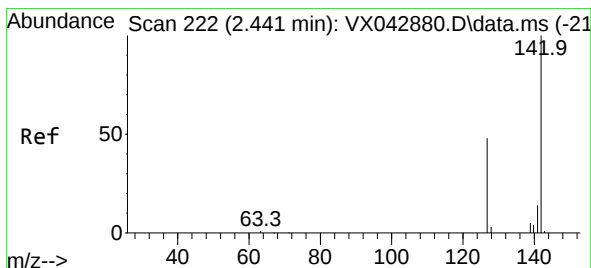
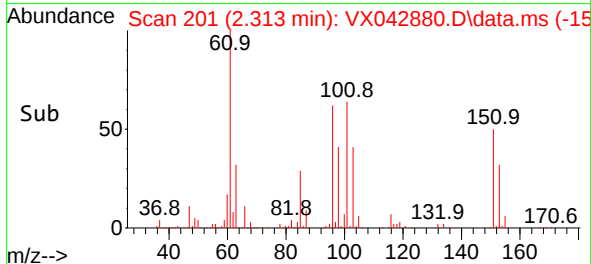
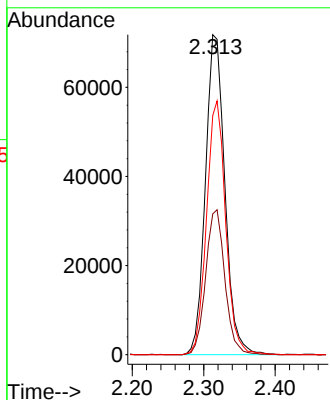
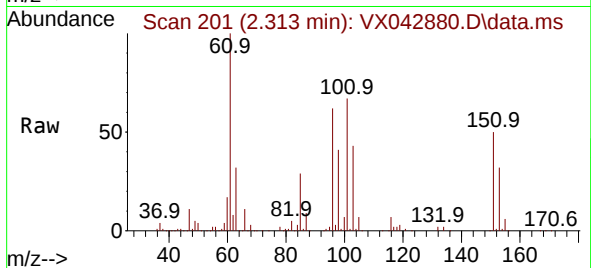
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.913 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 13578
Ion Ratio Lower Upper
101 100
85 44.9 37.0 55.6
151 78.1 58.6 87.8

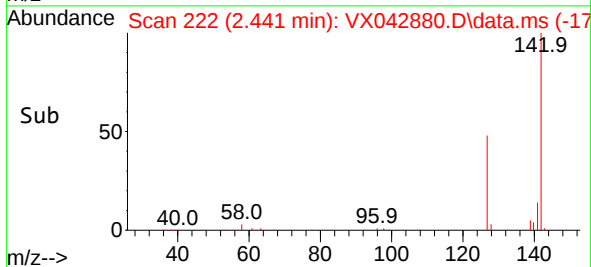
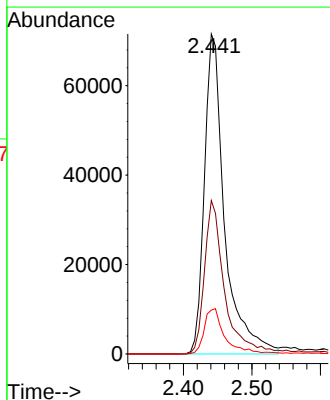
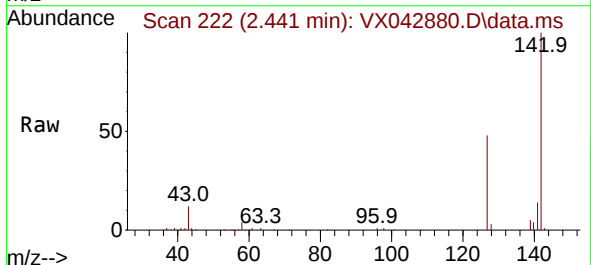
Manual Integrations
APPROVED

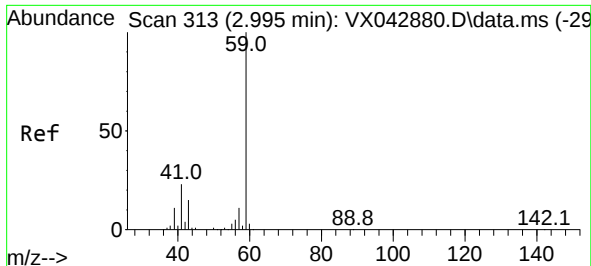
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#10
Methyl Iodide
Concen: 51.049 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

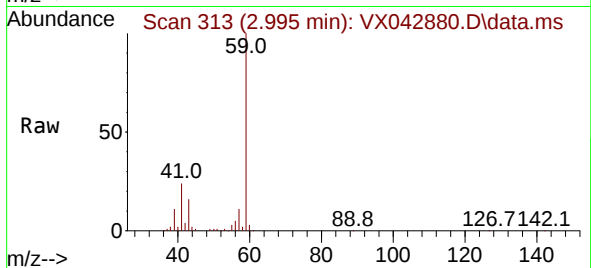
Tgt Ion:142 Resp: 146530
Ion Ratio Lower Upper
142 100
127 48.6 41.6 62.4
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 269.115 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

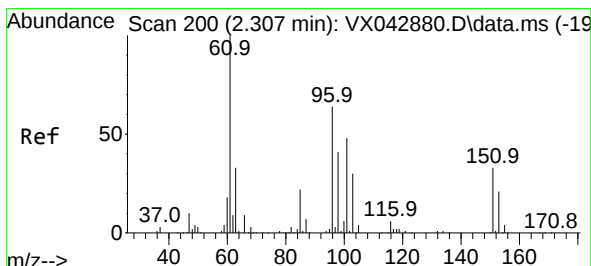
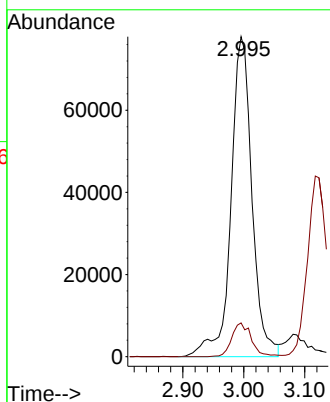
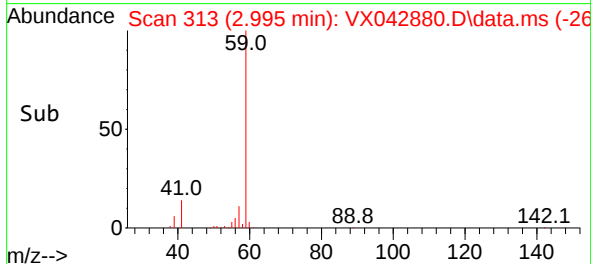
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



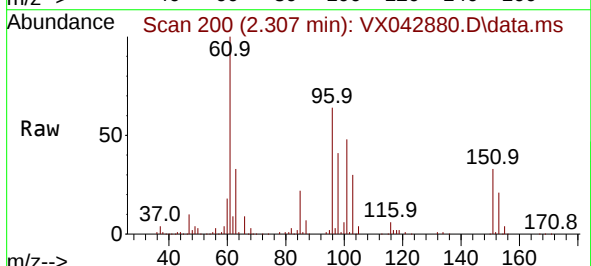
Tgt Ion: 59 Resp: 187220
Ion Ratio Lower Upper
59 100
57 9.9 6.0 9.0

Manual Integrations
APPROVED

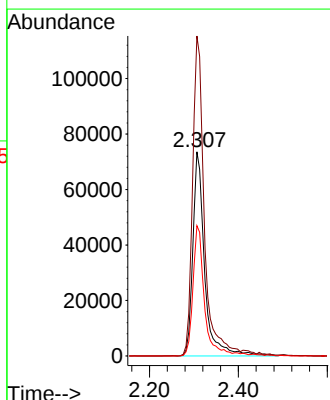
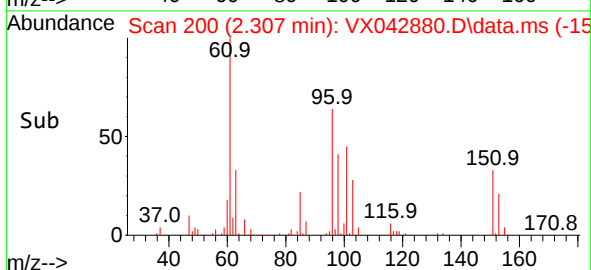
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

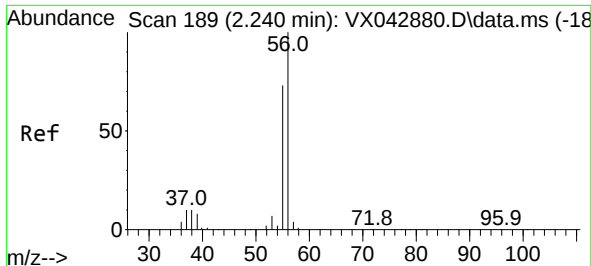


#12
1,1-Dichloroethene
Concen: 48.568 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28



Tgt Ion: 96 Resp: 136392
Ion Ratio Lower Upper
96 100
61 156.7 144.6 216.8
98 63.8 50.4 75.6





#13

Acrolein

Concen: 249.005 ug/l

RT: 2.240 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 17075

Ion Ratio Lower Upper

56 100

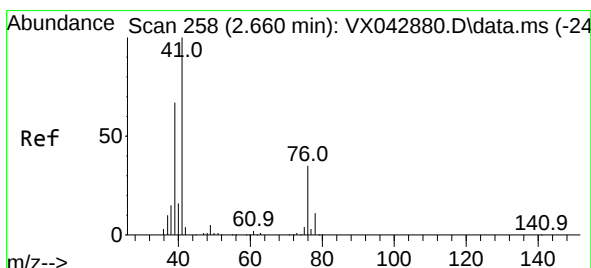
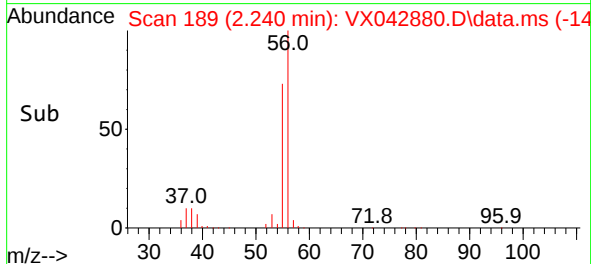
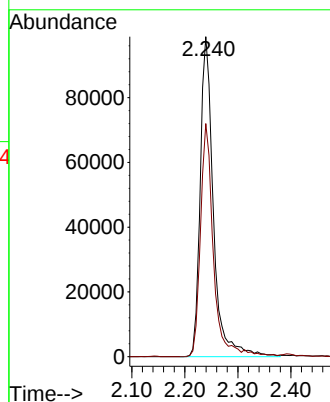
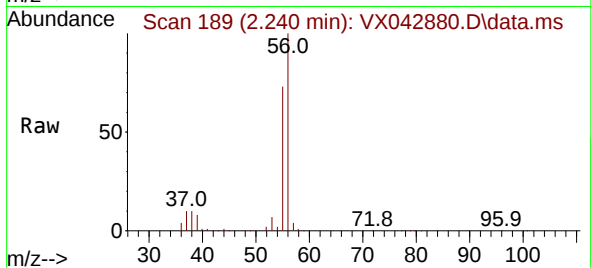
55 71.8 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#14

Allyl chloride

Concen: 48.593 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

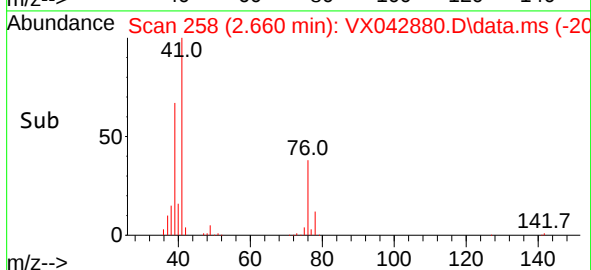
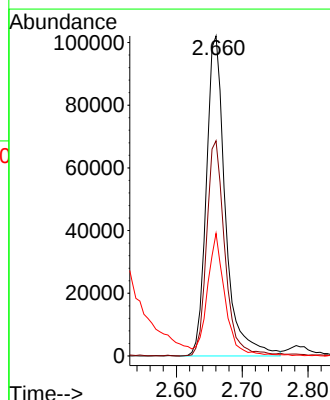
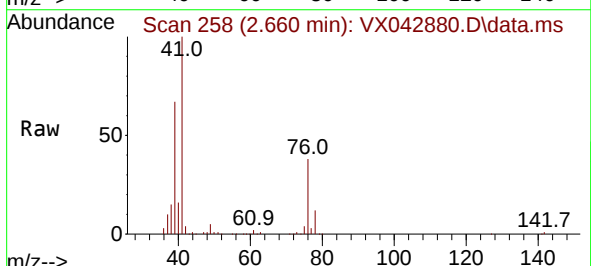
Tgt Ion: 41 Resp: 206197

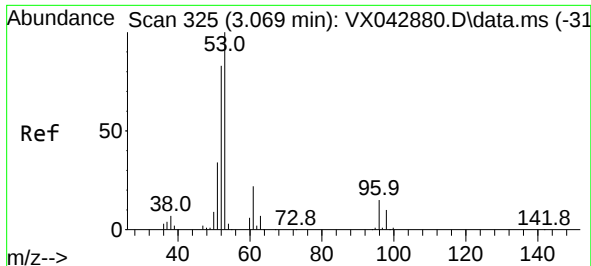
Ion Ratio Lower Upper

41 100

39 64.3 55.8 83.6

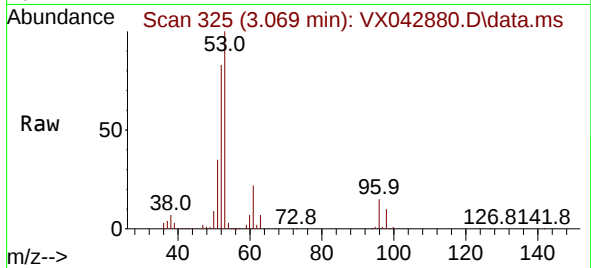
76 35.4 24.3 36.5





#15
Acrylonitrile
Concen: 245.001 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

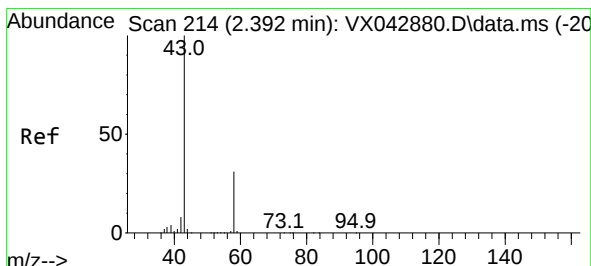
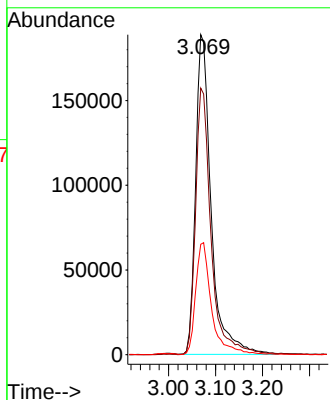
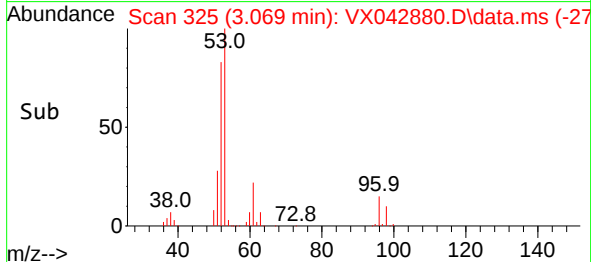
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



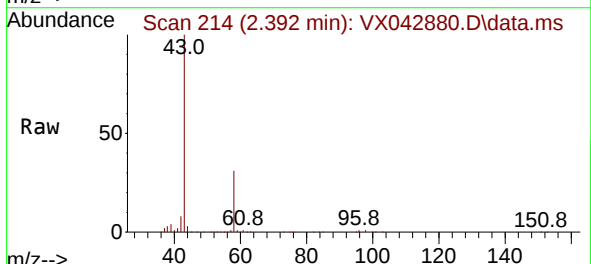
Tgt Ion: 53 Resp: 435045
Ion Ratio Lower Upper
53 100
52 83.5 66.0 99.0
51 35.5 29.8 44.6

Manual Integrations
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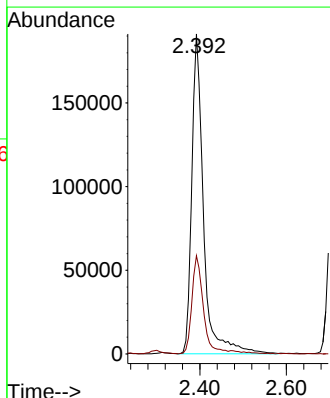
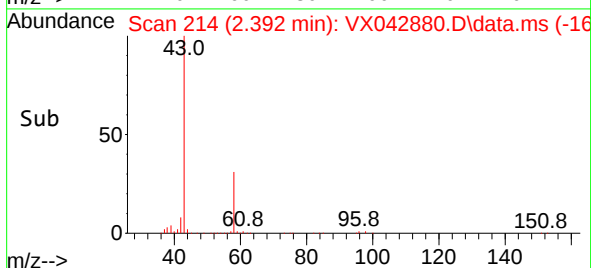
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

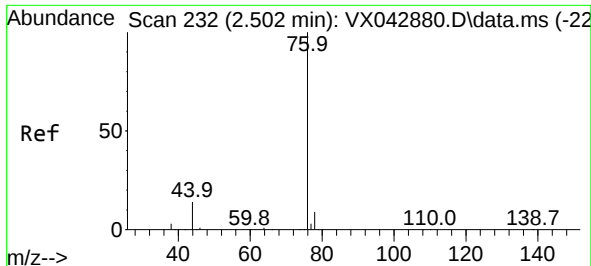


#16
Acetone
Concen: 236.445 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28



Tgt Ion: 43 Resp: 358706
Ion Ratio Lower Upper
43 100
58 30.6 21.9 32.9





#17

Carbon Disulfide

Concen: 48.357 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 330460

Ion Ratio Lower Upper

76 100

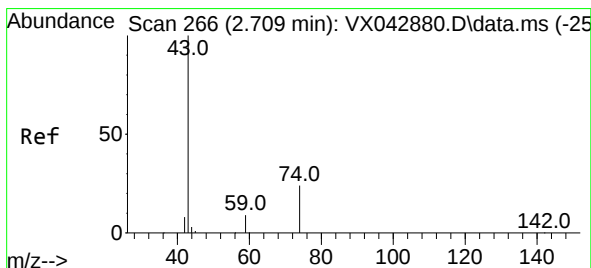
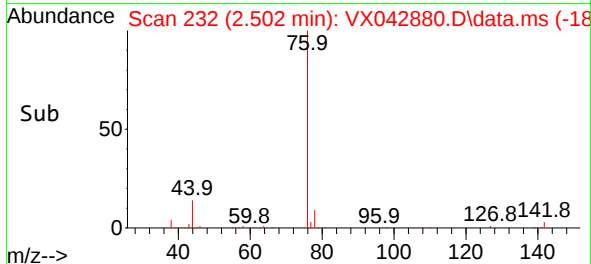
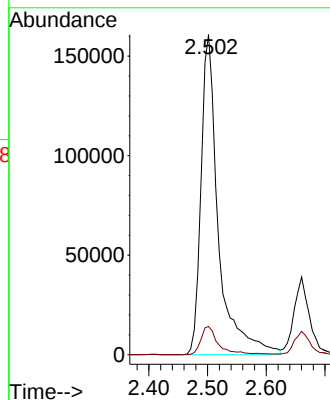
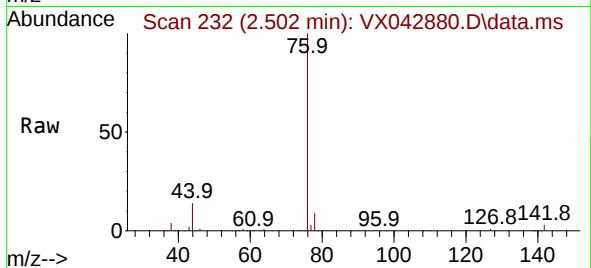
78 8.8 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#18

Methyl Acetate

Concen: 46.677 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX042880.D

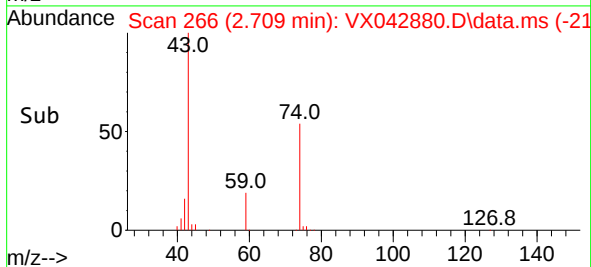
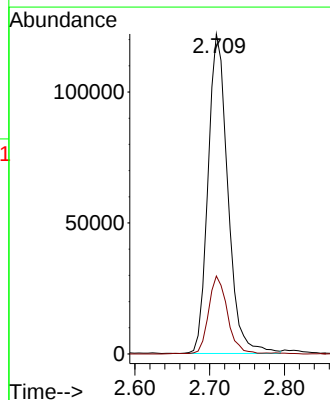
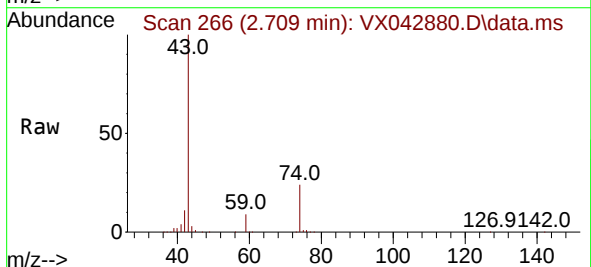
Acq: 06 Aug 2024 19:28

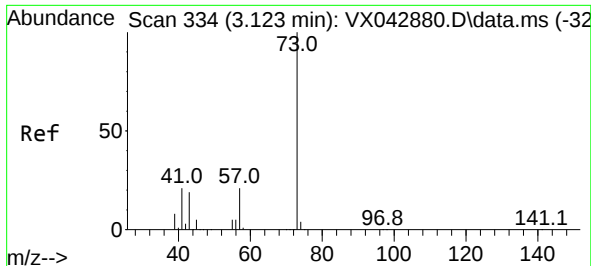
Tgt Ion: 43 Resp: 224558

Ion Ratio Lower Upper

43 100

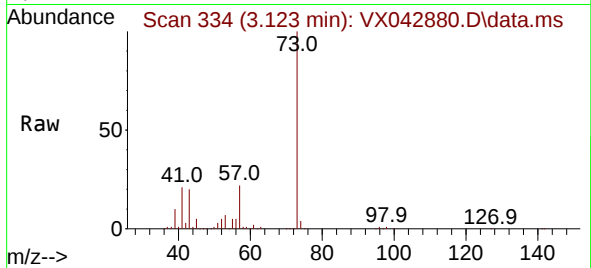
74 22.7 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 49.444 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

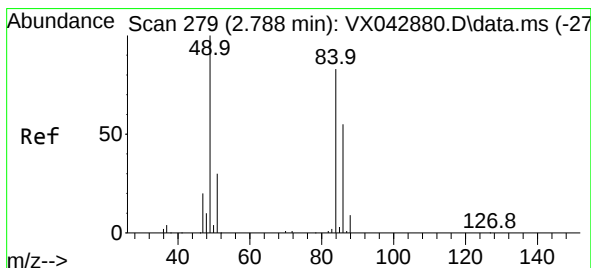
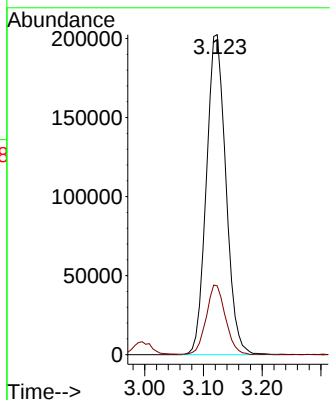
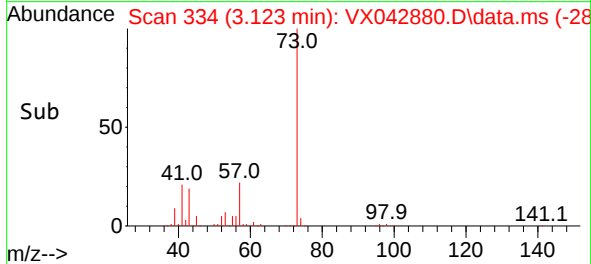
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 467350
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9

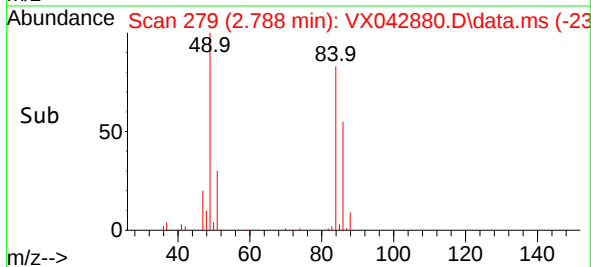
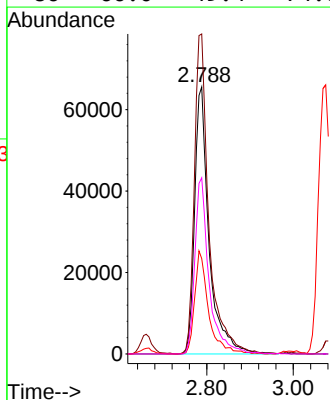
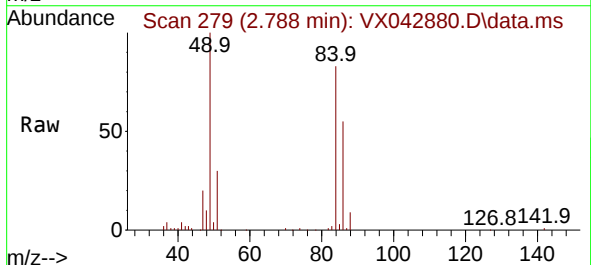
Manual Integrations
APPROVED

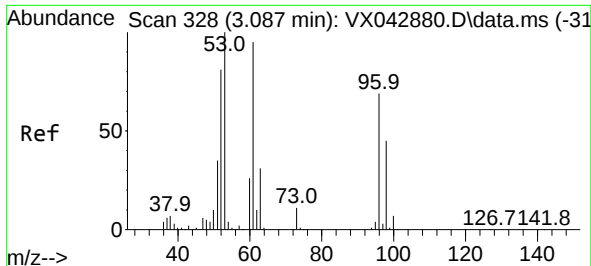
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#20
Methylene Chloride
Concen: 48.325 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

Tgt Ion: 84 Resp: 151800
Ion Ratio Lower Upper
84 100
49 119.9 103.6 155.4
51 35.7 33.8 50.6
86 66.0 49.4 74.0





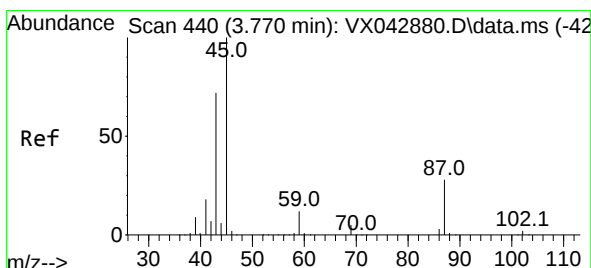
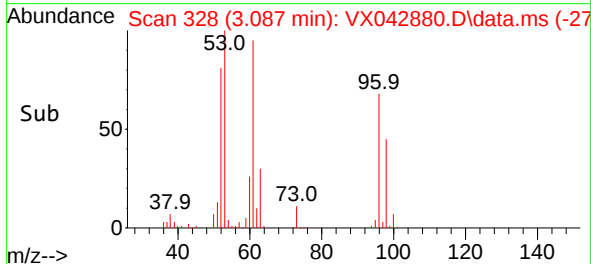
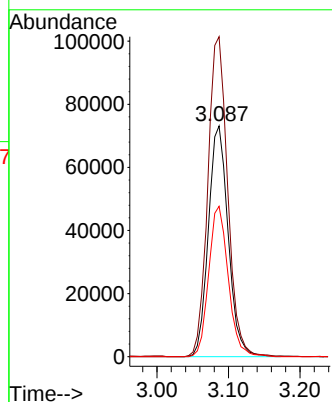
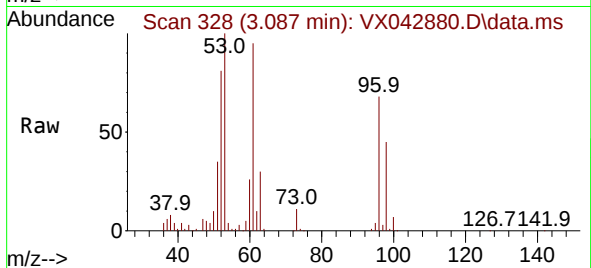
#21
trans-1,2-Dichloroethene
Concen: 49.796 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 140692
Ion Ratio Lower Upper
96 100
61 138.7 119.2 178.8
98 65.2 48.7 73.1

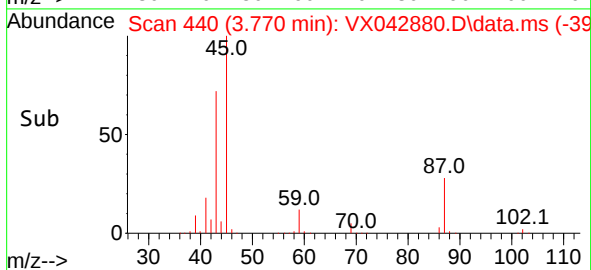
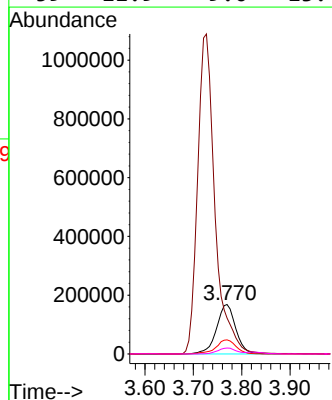
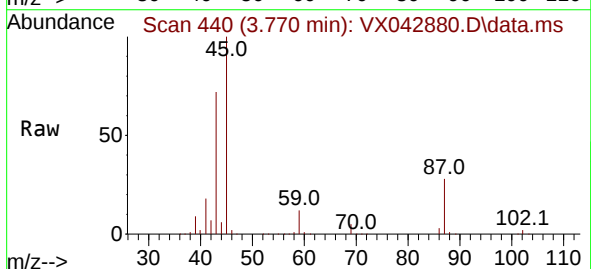
Manual Integrations
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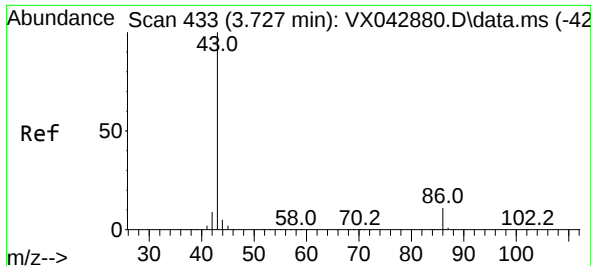
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#22
Diisopropyl ether
Concen: 49.767 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

Tgt Ion: 45 Resp: 463923
Ion Ratio Lower Upper
45 100
43 72.3 69.7 104.5
87 28.5 20.8 31.2
59 11.9 9.0 13.4





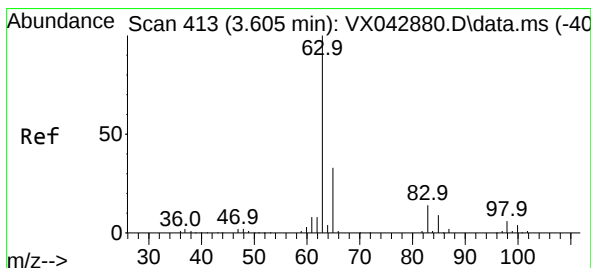
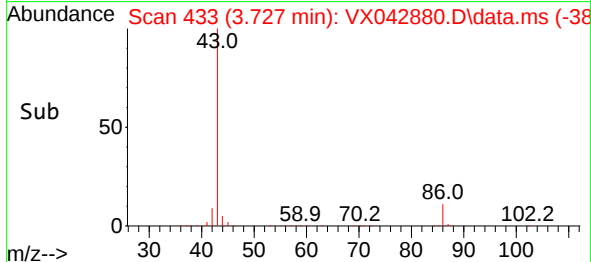
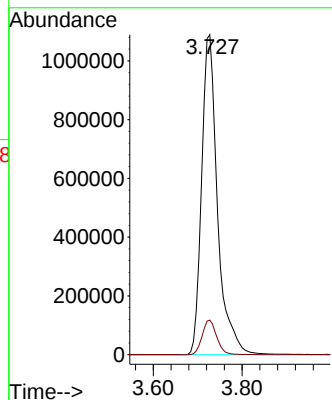
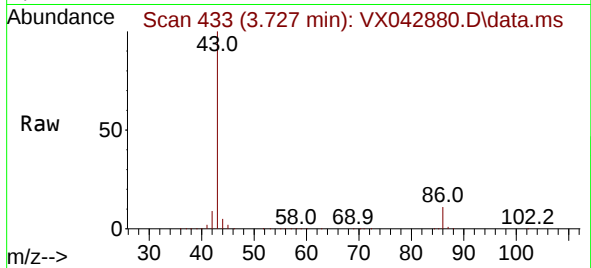
#23
 Vinyl Acetate
 Concen: 256.573 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX042880.D
 Acq: 06 Aug 2024 19:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 2714509
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.8

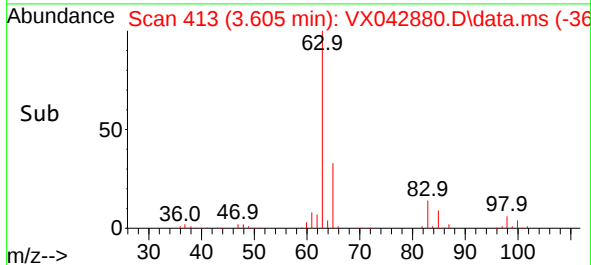
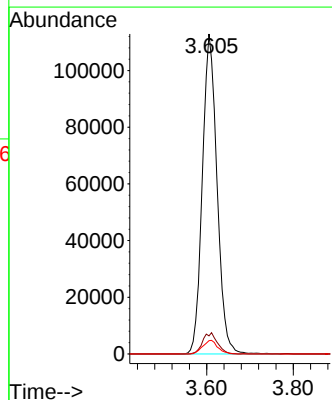
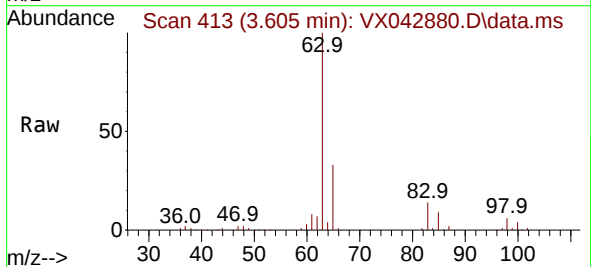
Manual Integrations
 APPROVED

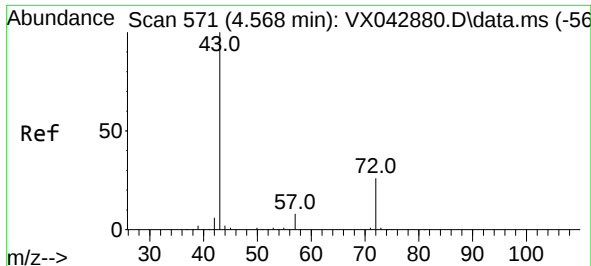
Reviewed By :John Carlone 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024



#24
 1,1-Dichloroethane
 Concen: 49.535 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX042880.D
 Acq: 06 Aug 2024 19:28

Tgt Ion: 63 Resp: 265569
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.3 9.8
 100 4.1 2.1 6.5





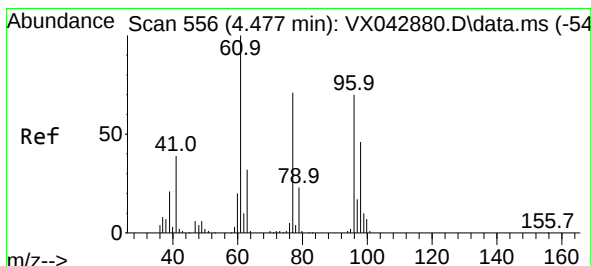
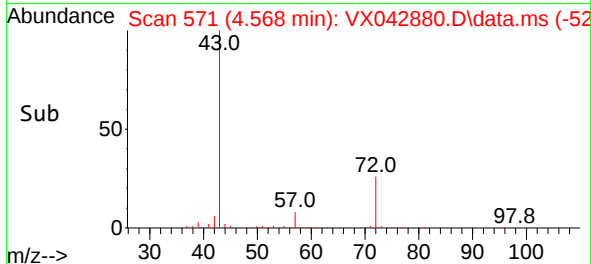
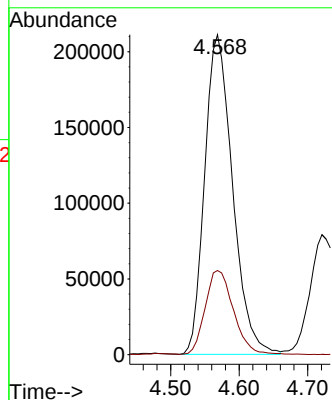
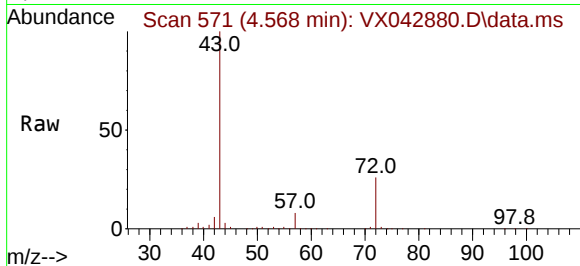
#25
2-Butanone
Concen: 250.510 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 59683
Ion Ratio Lower Upper
43 100
72 26.3 19.4 29.2

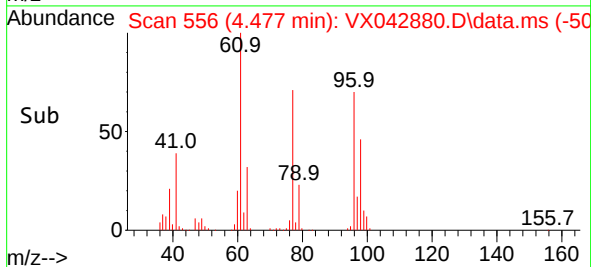
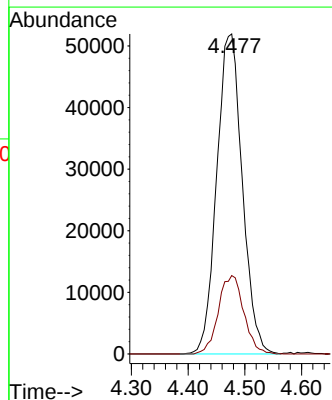
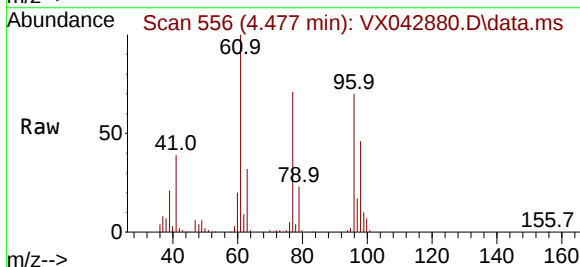
Manual Integrations
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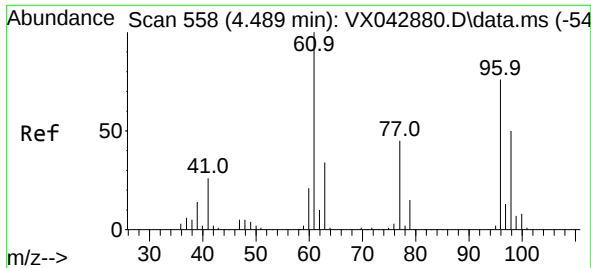
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#26
2,2-Dichloropropane
Concen: 49.294 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

Tgt Ion: 77 Resp: 162468
Ion Ratio Lower Upper
77 100
97 24.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.400 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 16887

Ion Ratio Lower Upper

96 100

61 138.2 0.0 312.2

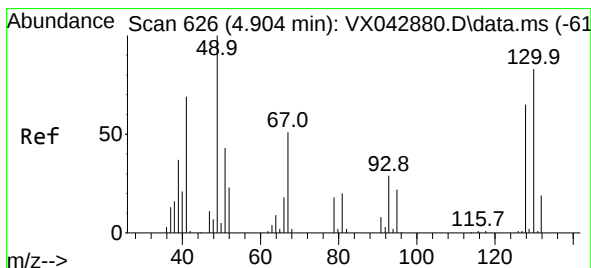
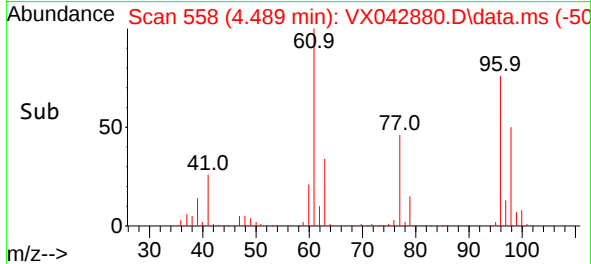
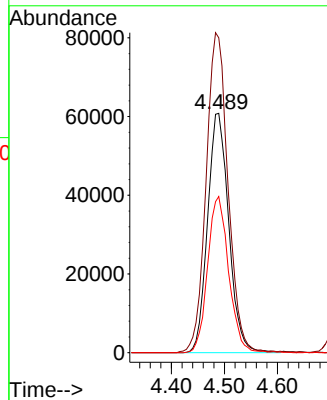
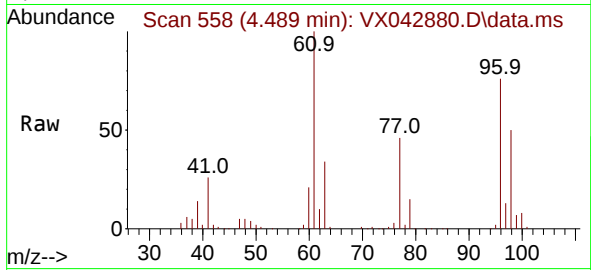
98 64.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#28

Bromochloromethane

Concen: 42.655 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

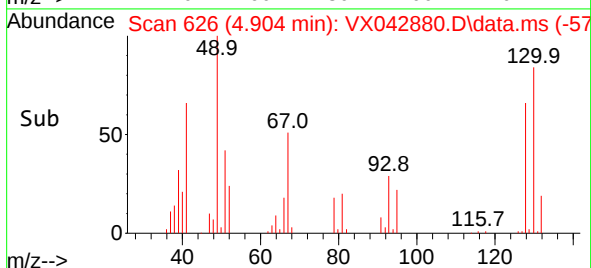
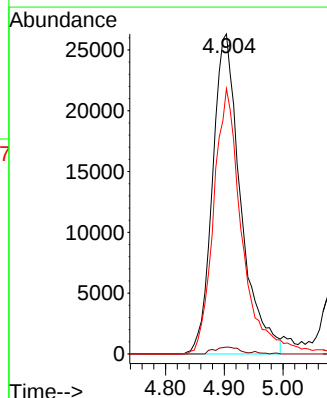
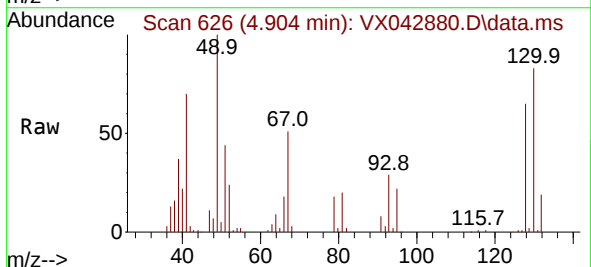
Tgt Ion: 49 Resp: 87749

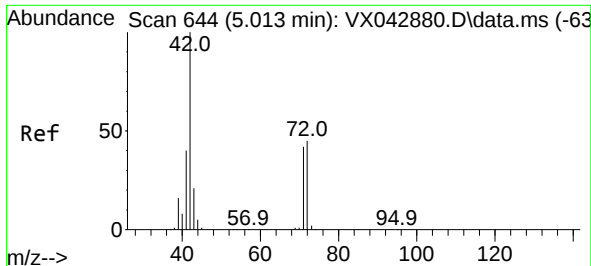
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 83.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 245.196 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 394740

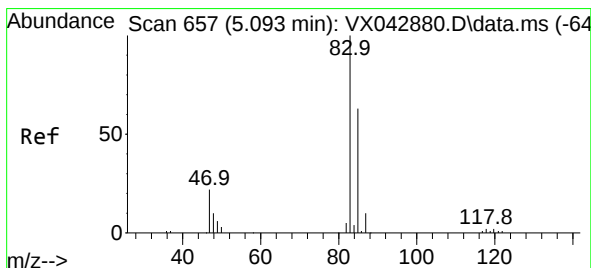
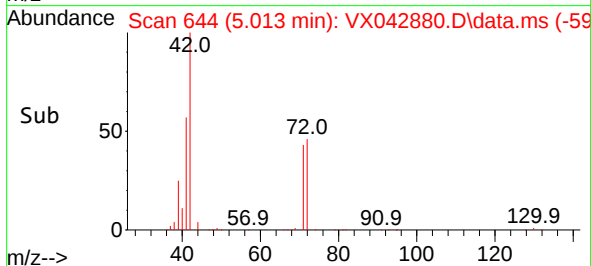
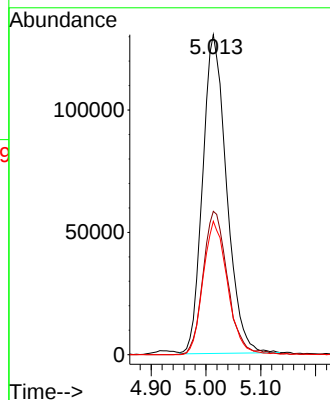
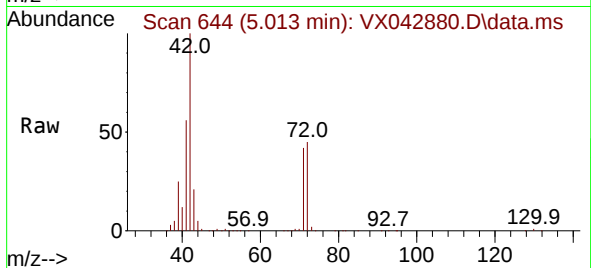
Ion	Ratio	Lower	Upper
42	100		
72	46.5	34.2	51.4
71	42.7	32.2	48.2

Manual Integrations

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Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#30

Chloroform

Concen: 49.536 ug/l

RT: 5.093 min Scan# 657

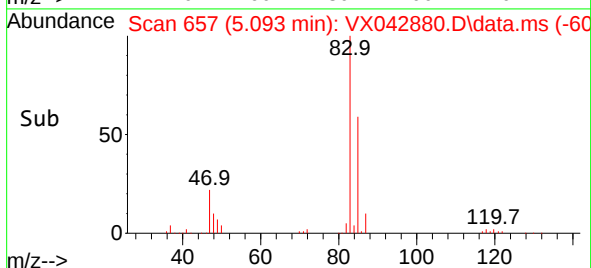
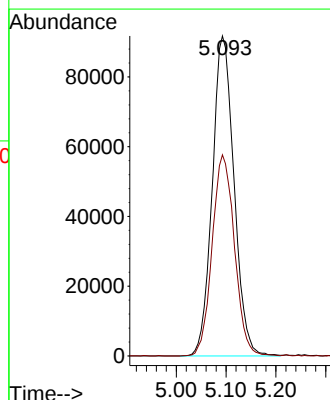
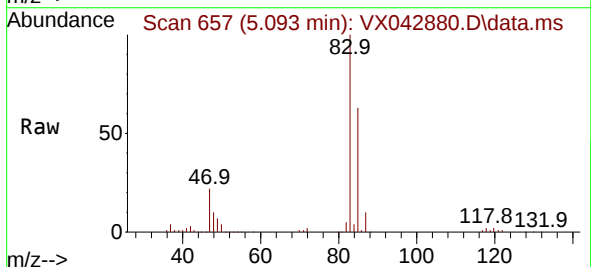
Delta R.T. 0.000 min

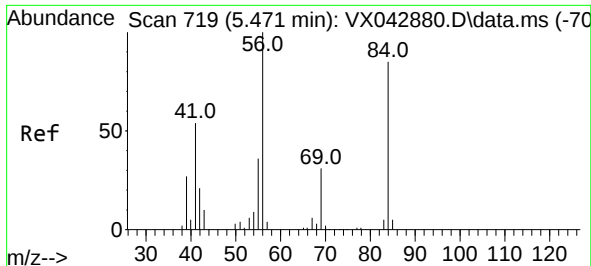
Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Tgt Ion: 83 Resp: 278019

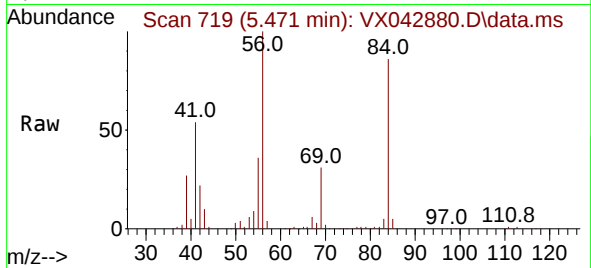
Ion	Ratio	Lower	Upper
83	100		
85	62.8	50.3	75.5





#31
Cyclohexane
Concen: 49.934 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

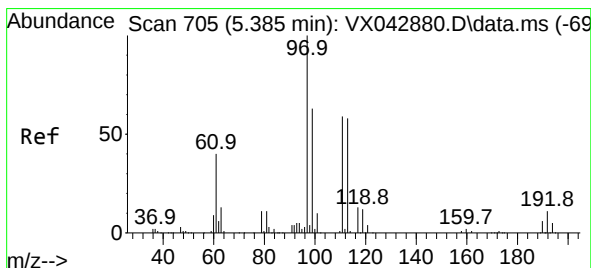
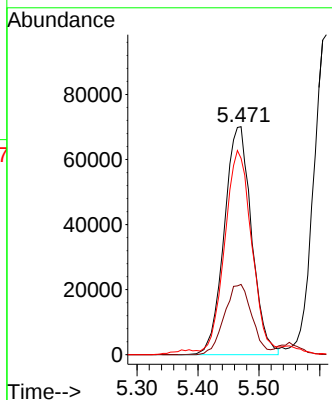
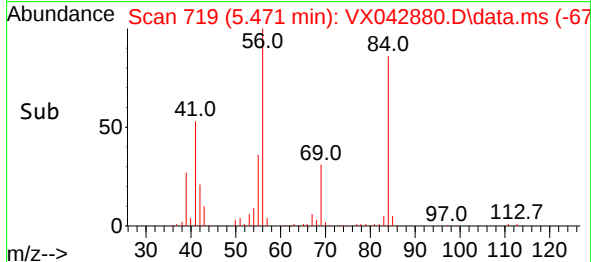
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



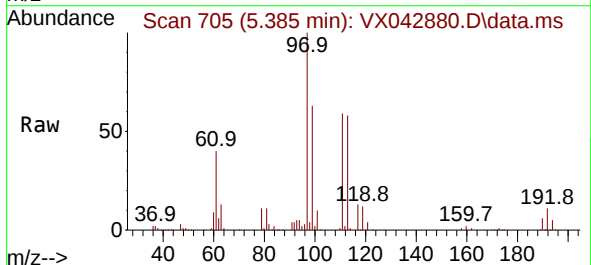
Tgt Ion: 56 Resp: 21853
Ion Ratio Lower Upper
56 100
69 30.8 23.4 35.2
84 84.8 65.9 98.9

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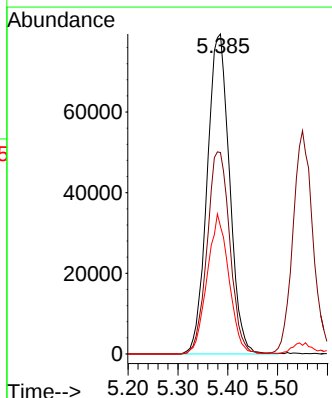
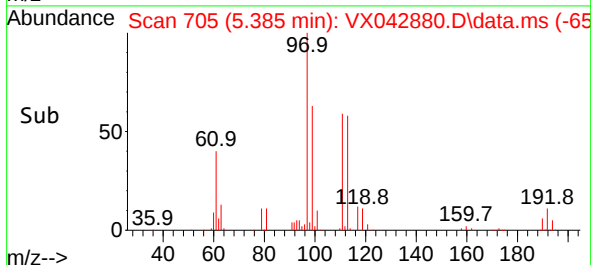
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

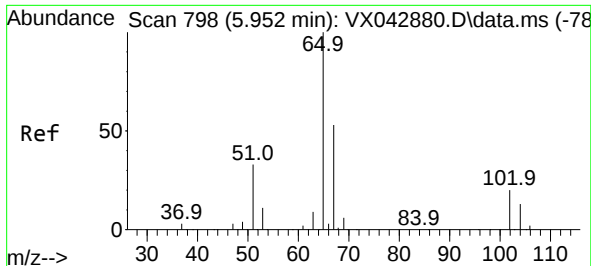


#32
1,1,1-Trichloroethane
Concen: 50.081 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28



Tgt Ion: 97 Resp: 247442
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 42.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.582 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 169920

Ion Ratio Lower Upper

65 100

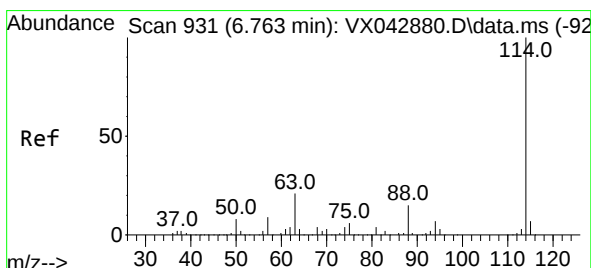
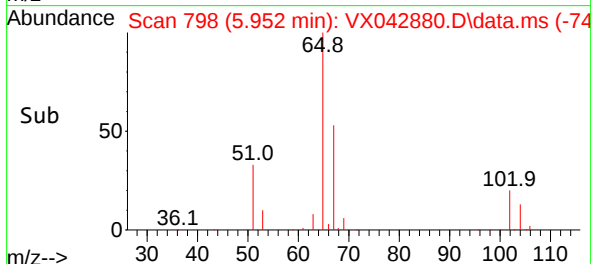
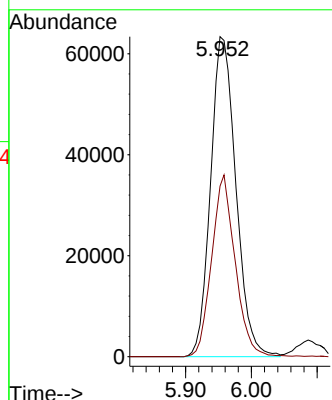
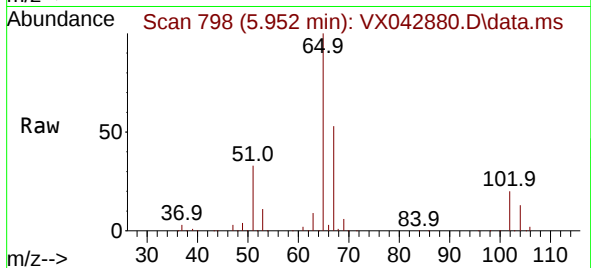
67 52.7 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

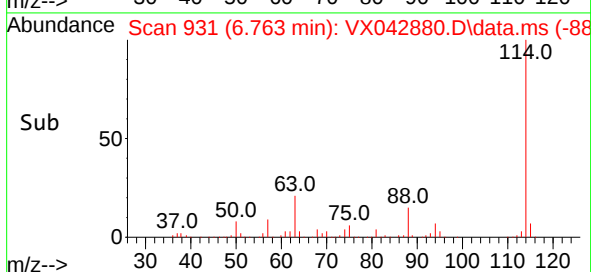
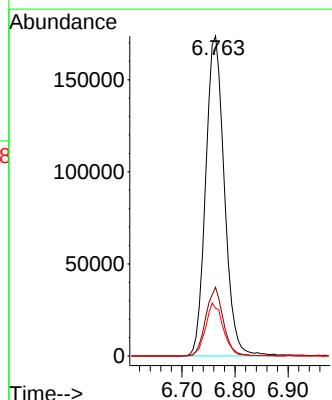
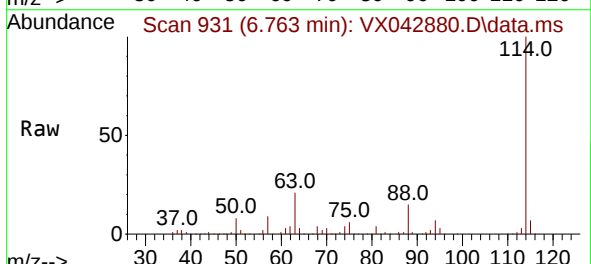
Tgt Ion:114 Resp: 424451

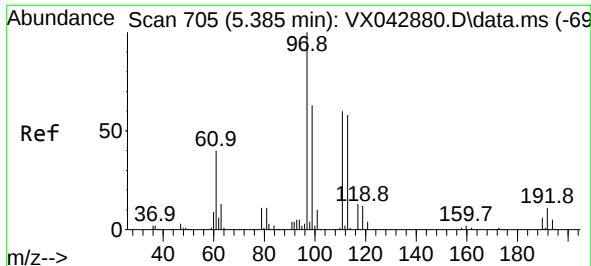
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

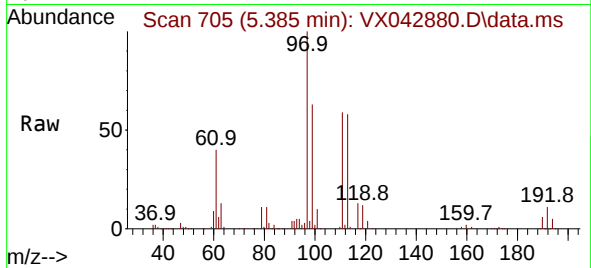
88 14.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.374 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

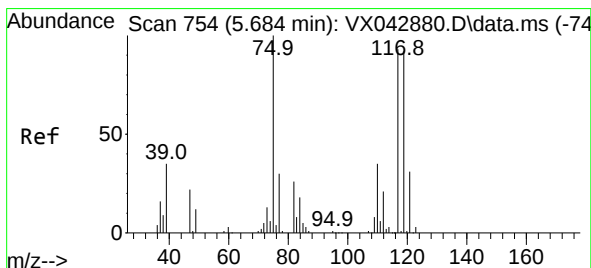
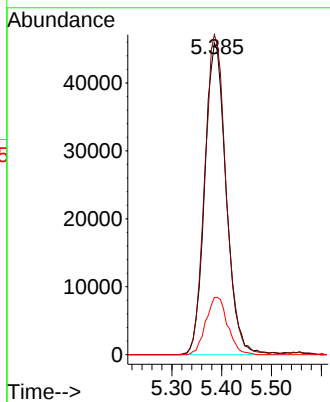
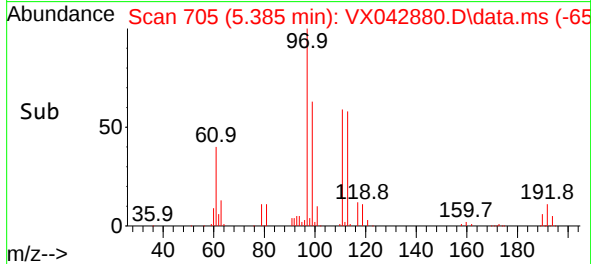
Instrument :
MSVOA_X
Client Sample Id :
VSTDICCC050



Tgt Ion: 113 Resp: 137025
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.7 13.3 19.9

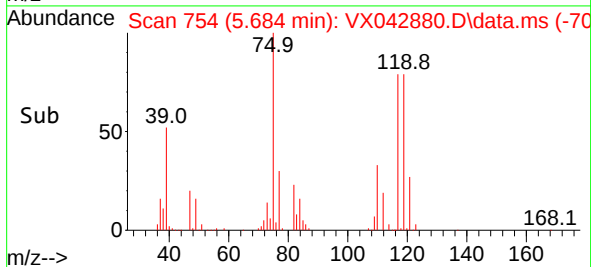
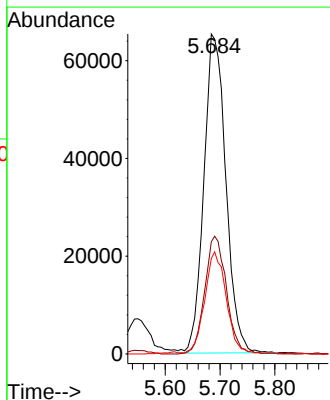
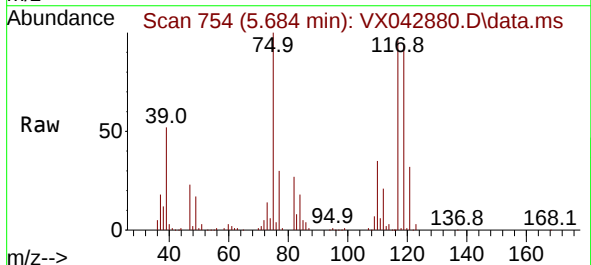
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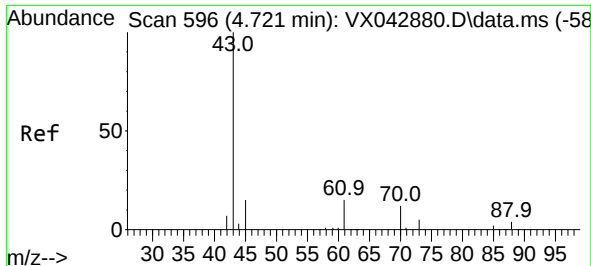
Reviewed By : John Carlone 08/07/2024
Supervised By : Mahesh Dadoda 08/08/2024



#36
1,1-Dichloropropene
Concen: 48.359 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

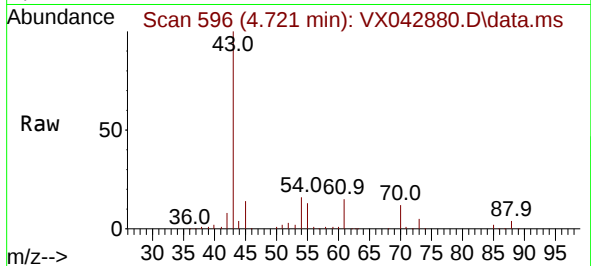
Tgt Ion: 75 Resp: 181962
Ion Ratio Lower Upper
75 100
110 36.5 17.0 50.9
77 31.1 24.7 37.1





#37
Ethyl Acetate
Concen: 49.366 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

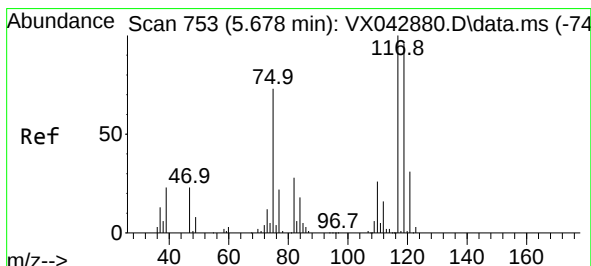
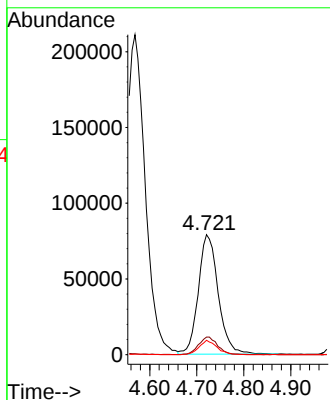
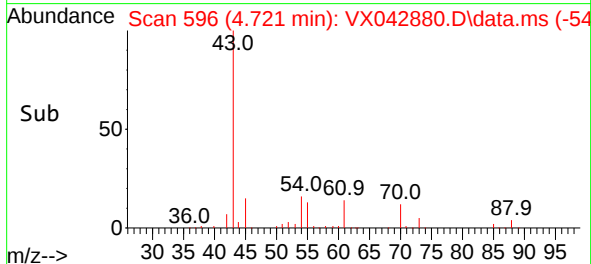
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 232409
Ion Ratio Lower Upper
43 100
61 14.4 10.6 16.0
70 10.8 8.3 12.5

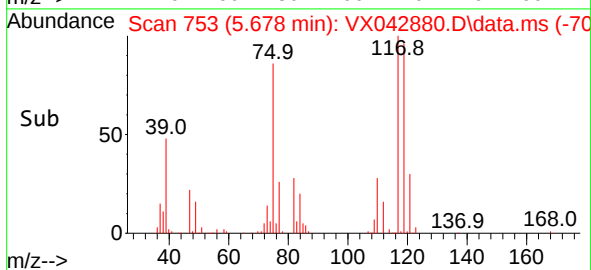
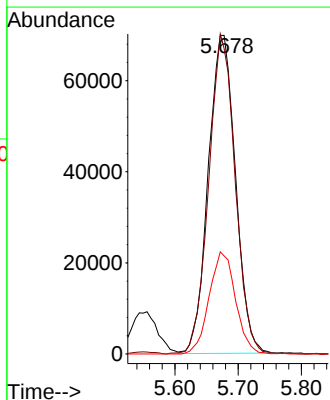
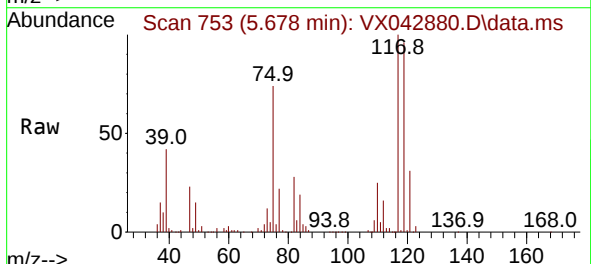
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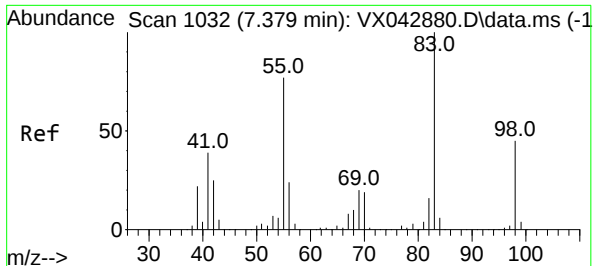
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#38
Carbon Tetrachloride
Concen: 49.179 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

Tgt Ion:117 Resp: 208889
Ion Ratio Lower Upper
117 100
119 95.9 78.2 117.2
121 30.9 24.4 36.6





#39

Methylcyclohexane

Concen: 52.093 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 233010

Ion Ratio Lower Upper

83 100

55 76.8 64.6 97.0

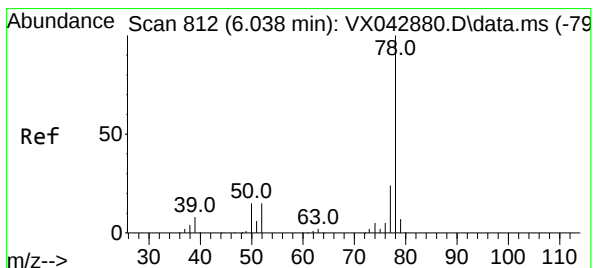
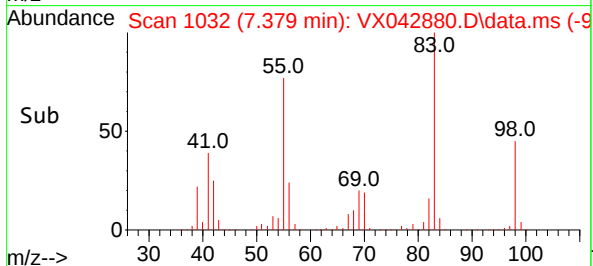
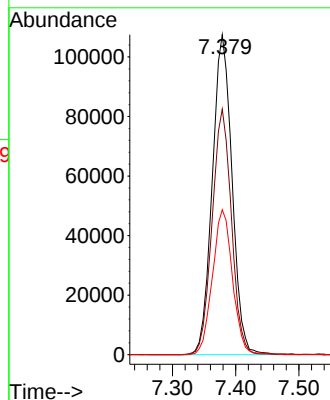
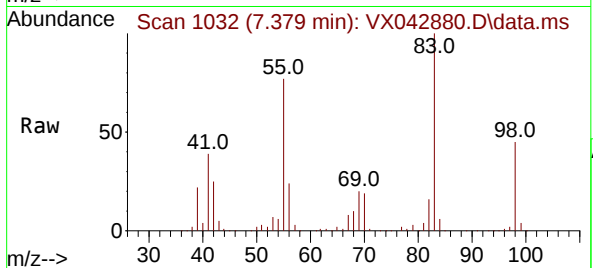
98 45.3 36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#40

Benzene

Concen: 50.299 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX042880.D

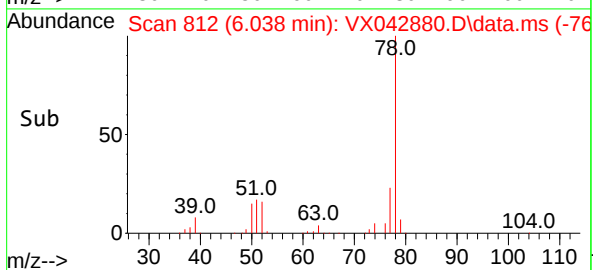
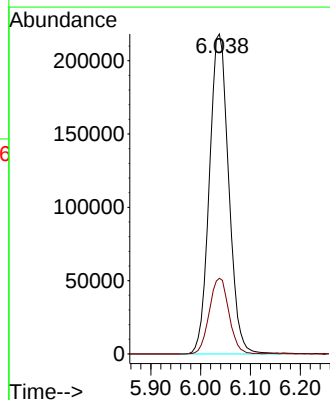
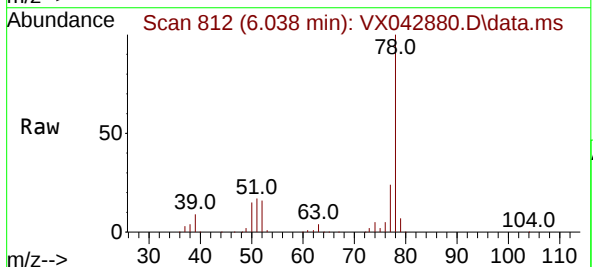
Acq: 06 Aug 2024 19:28

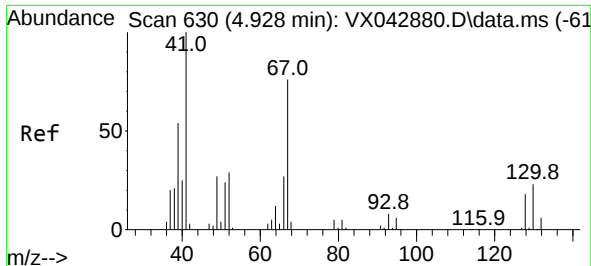
Tgt Ion: 78 Resp: 587380

Ion Ratio Lower Upper

78 100

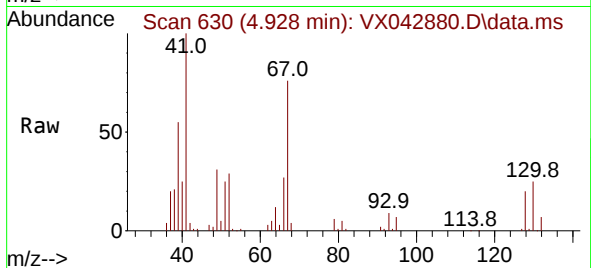
77 23.6 19.3 28.9





#41
Methacrylonitrile
Concen: 51.567 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

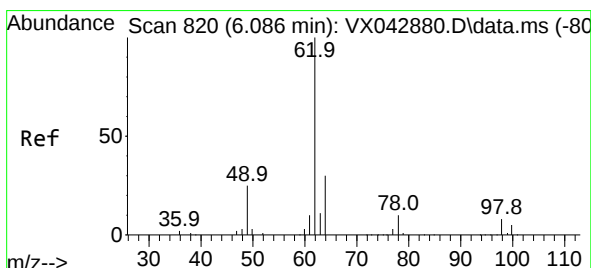
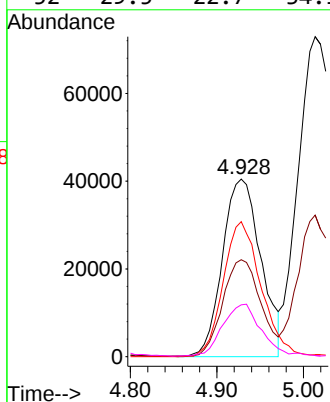
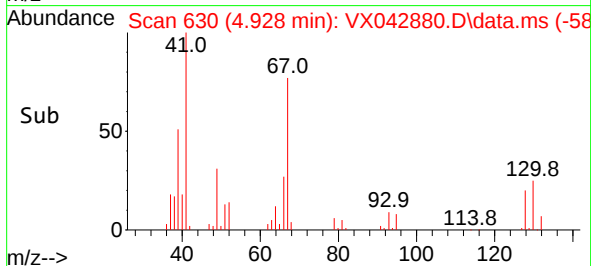
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



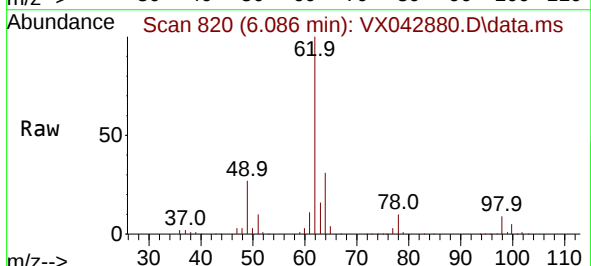
Tgt Ion: 41 Resp: 125039
Ion Ratio Lower Upper
41 100
39 53.7 45.2 67.8
67 75.1 52.6 78.8
52 29.5 22.7 34.1

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APPROVED

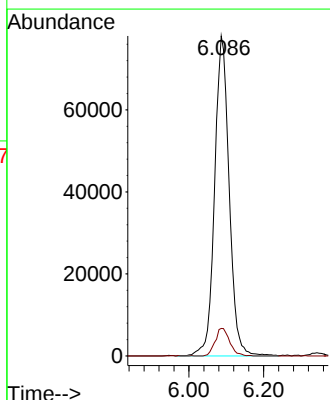
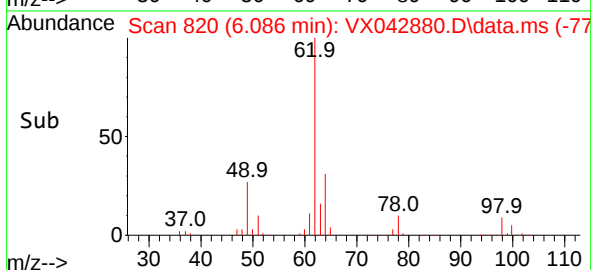
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

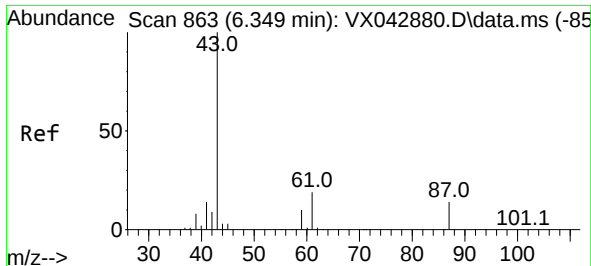


#42
1,2-Dichloroethane
Concen: 49.693 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28



Tgt Ion: 62 Resp: 211079
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.0





#43

Isopropyl Acetate

Concen: 50.750 ug/l

RT: 6.349 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

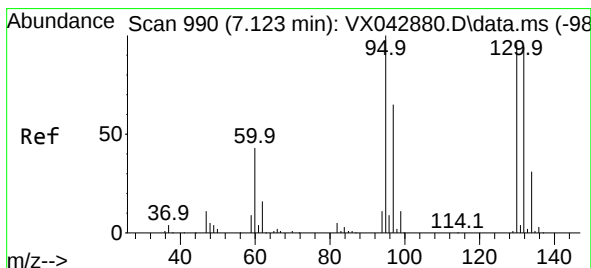
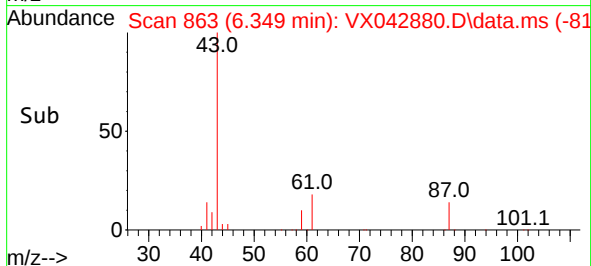
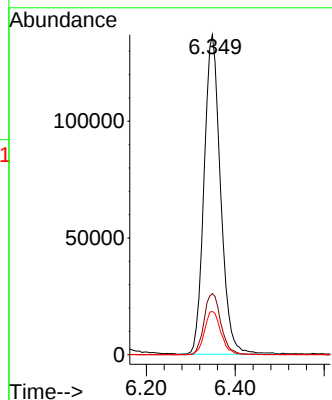
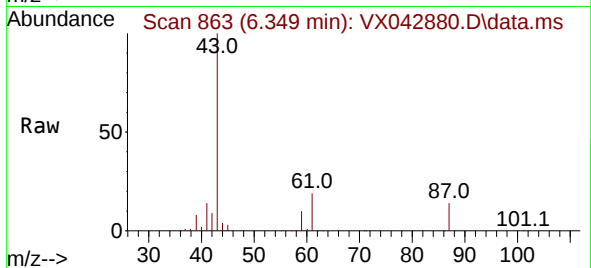
Tgt Ion:	43	Resp:	35334
Ion Ratio	Lower	Upper	
43	100		
61	19.7	15.2	22.8
87	13.6	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#44

Trichloroethene

Concen: 48.953 ug/l

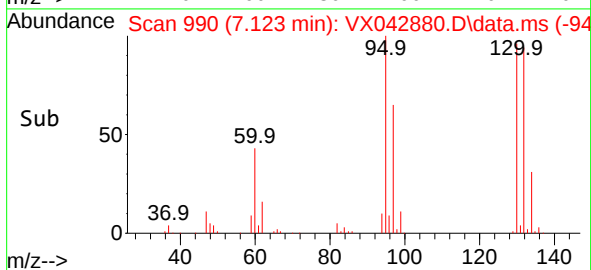
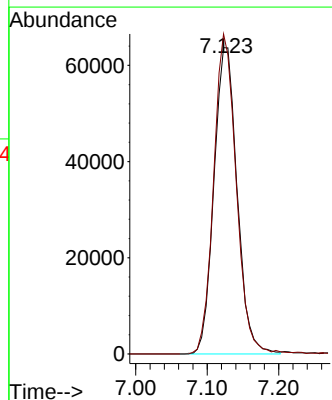
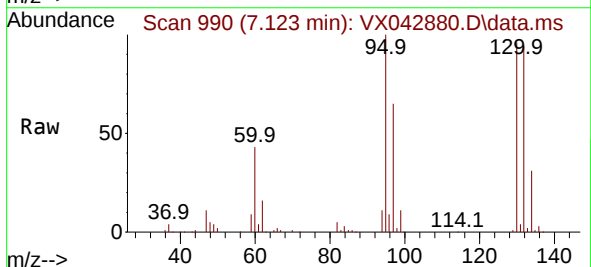
RT: 7.123 min Scan# 990

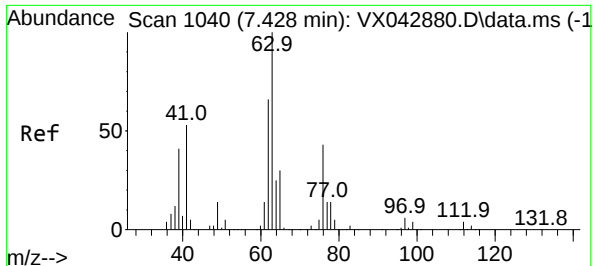
Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Tgt Ion:	130	Resp:	143642
Ion Ratio	Lower	Upper	
130	100		
95	104.5	0.0	204.4





#45

1,2-Dichloropropane

Concen: 49.689 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 147190

Ion Ratio Lower Upper

63 100

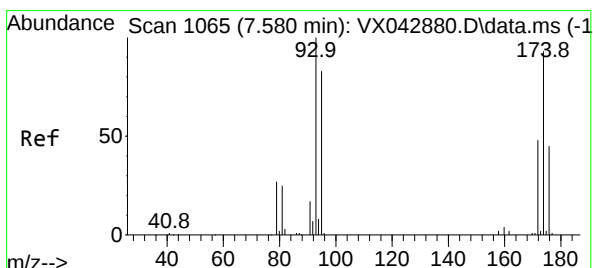
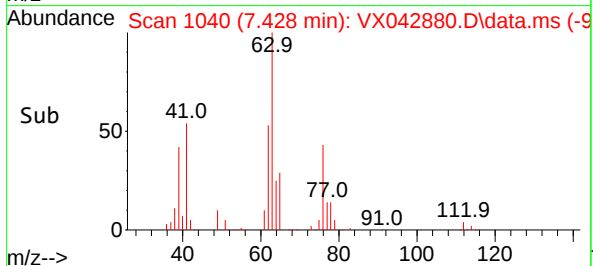
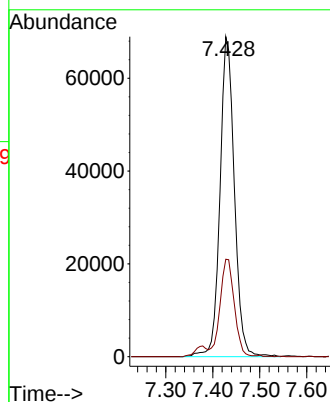
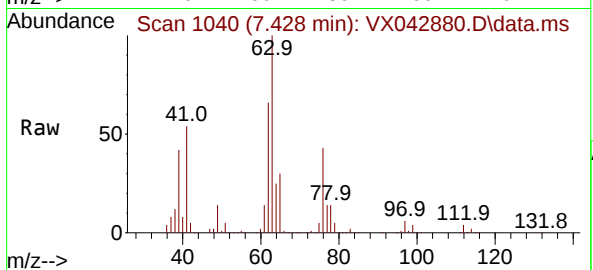
65 30.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#46

Dibromomethane

Concen: 49.869 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

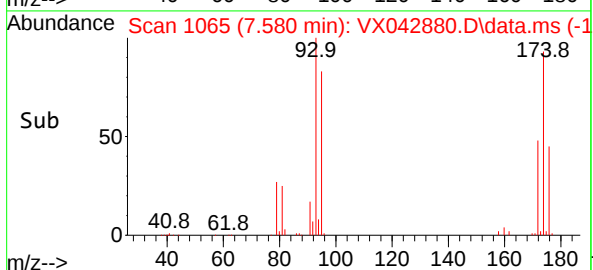
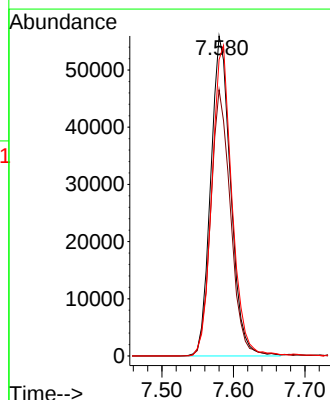
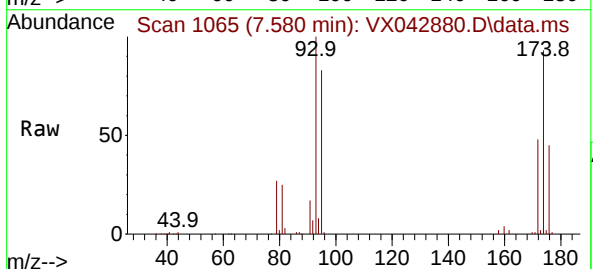
Tgt Ion: 93 Resp: 108500

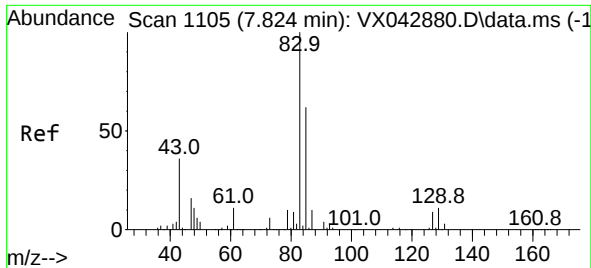
Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

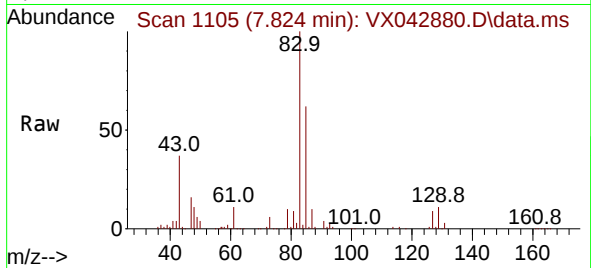
174 97.4 69.4 104.0





#47
Bromodichloromethane
Concen: 51.119 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

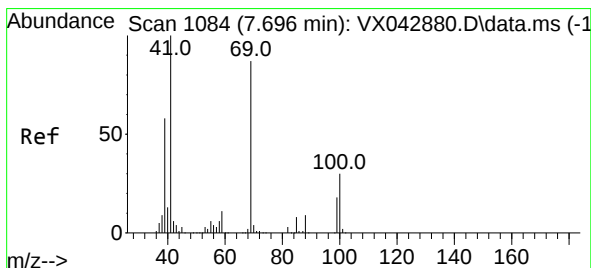
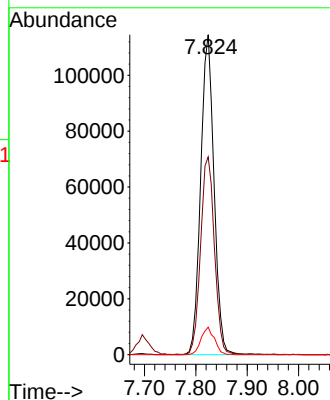
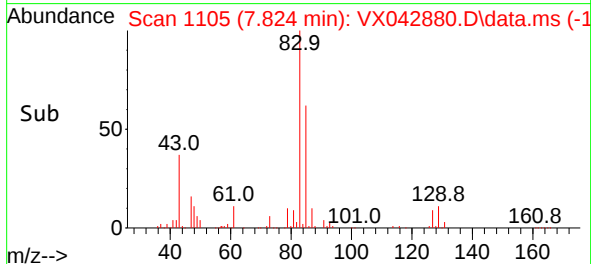
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 206609
Ion Ratio Lower Upper
83 100
85 61.7 49.8 74.6
127 8.6 7.1 10.7

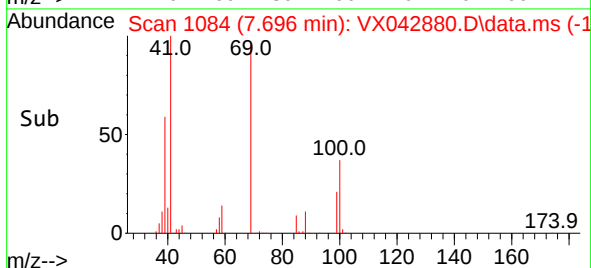
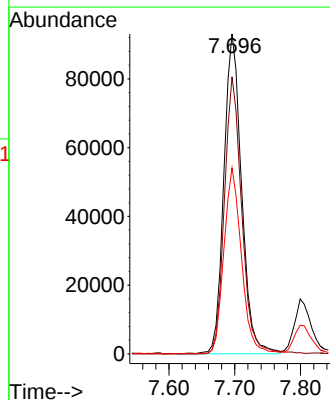
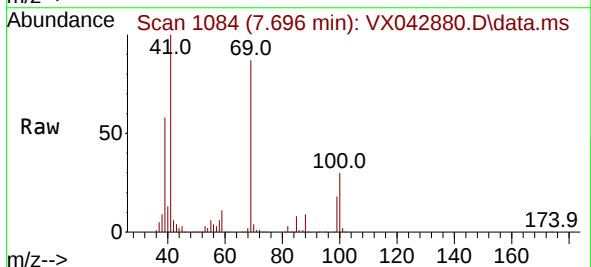
Manual Integrations
APPROVED

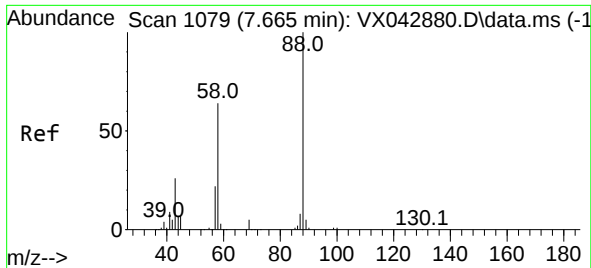
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#48
Methyl methacrylate
Concen: 52.270 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

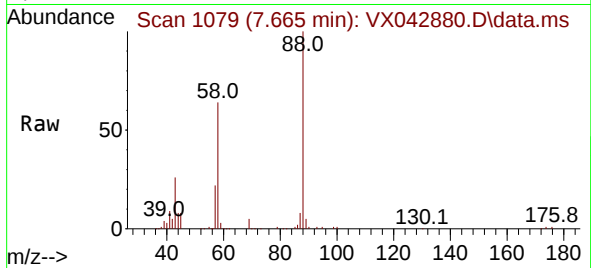
Tgt Ion: 41 Resp: 174505
Ion Ratio Lower Upper
41 100
69 85.1 59.2 88.8
39 57.5 47.7 71.5





#49
1,4-Dioxane
Concen: 988.943 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

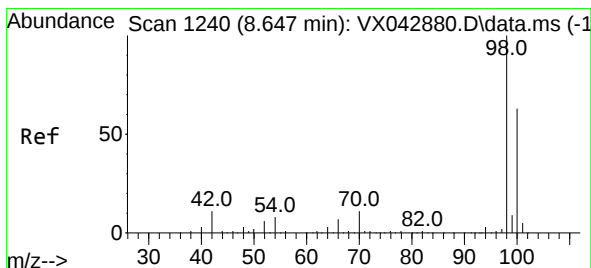
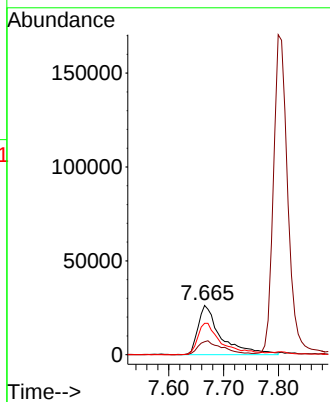
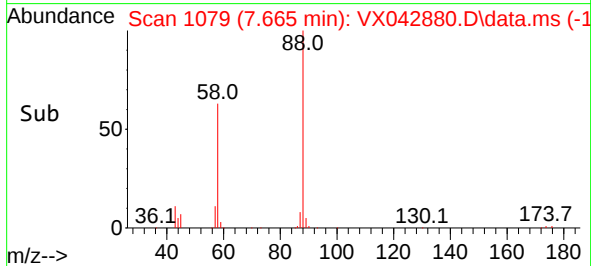
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 88 Resp: 7595
Ion Ratio Lower Upper
88 100
43 29.8 0.0 0.0
58 65.7 60.1 90.1

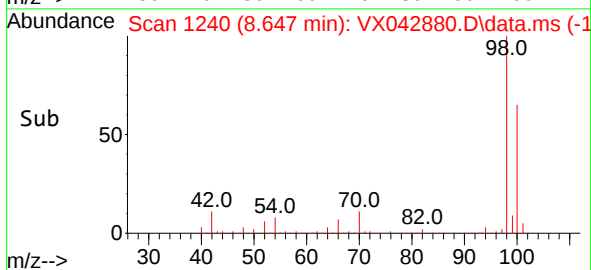
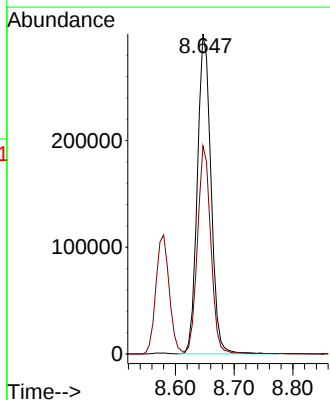
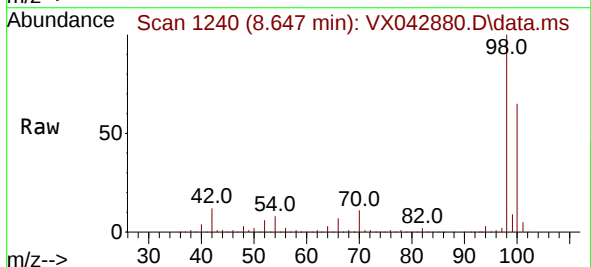
Manual Integrations
APPROVED

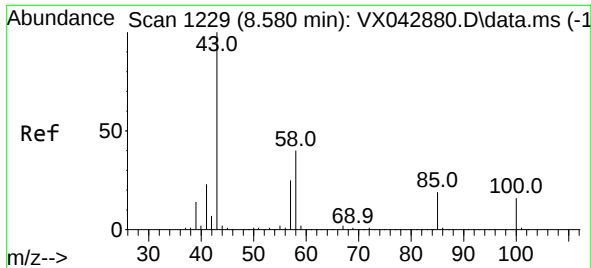
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#50
Toluene-d8
Concen: 48.925 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

Tgt Ion: 98 Resp: 482026
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7





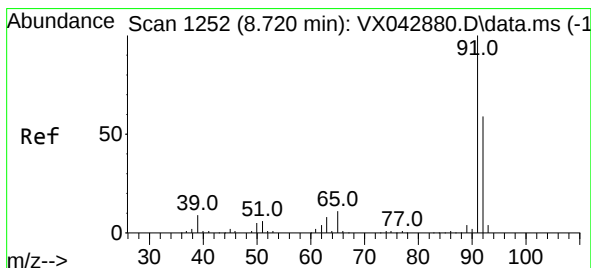
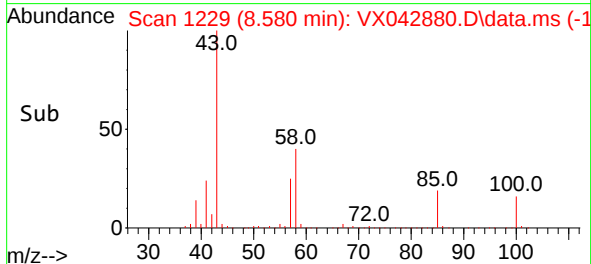
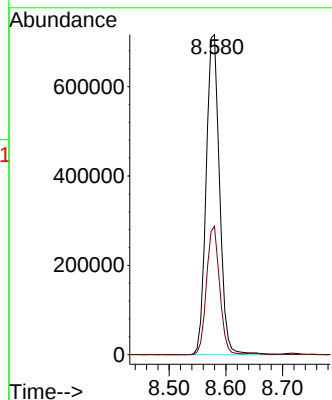
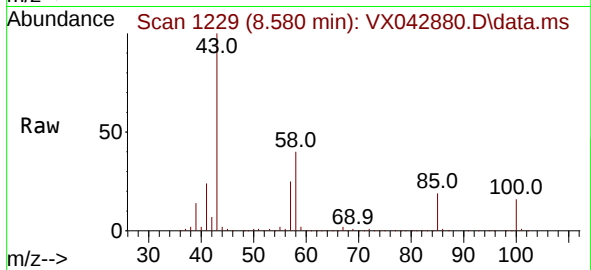
#51
4-Methyl-2-Pentanone
Concen: 251.920 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 117487
Ion Ratio Lower Upper
43 100
58 39.3 30.4 45.6

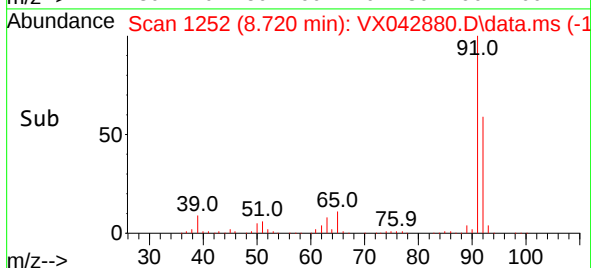
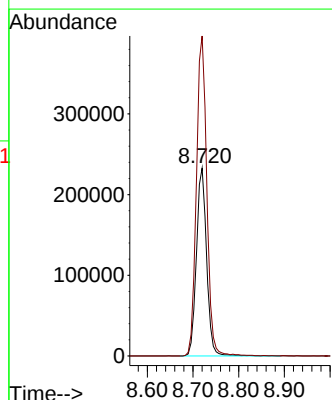
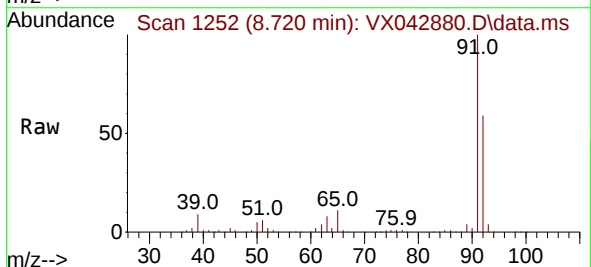
Manual Integrations
APPROVED

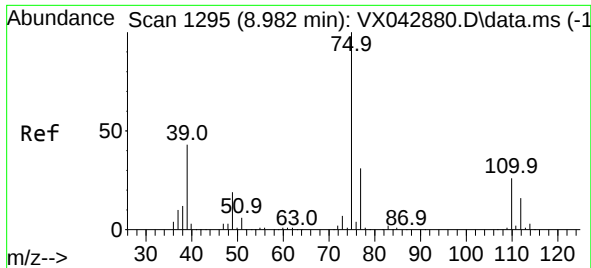
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#52
Toluene
Concen: 50.877 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

Tgt Ion: 92 Resp: 360392
Ion Ratio Lower Upper
92 100
91 174.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 51.871 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 193799

Ion Ratio Lower Upper

75 100

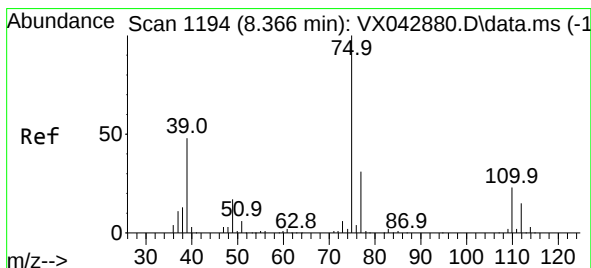
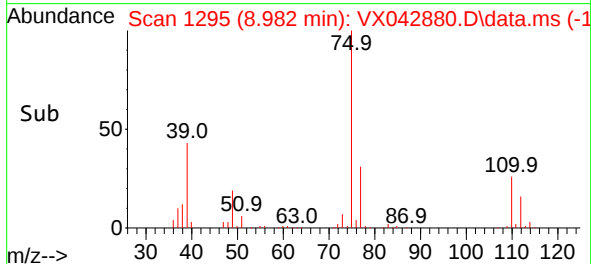
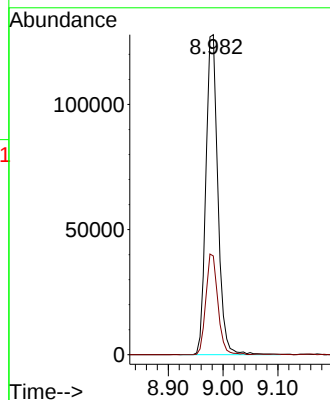
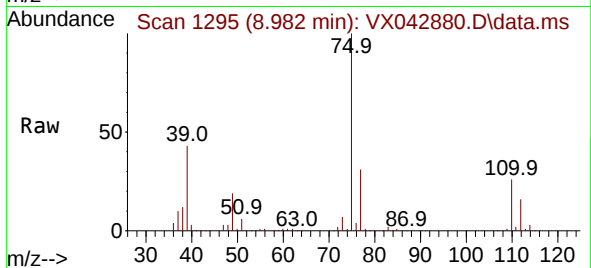
77 30.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#54

cis-1,3-Dichloropropene

Concen: 51.742 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

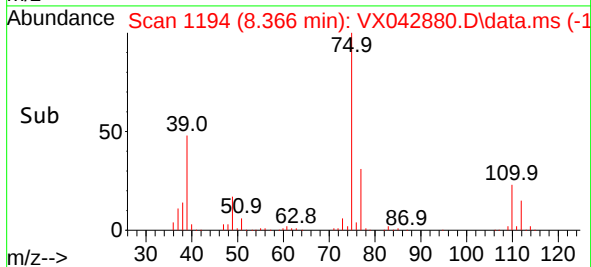
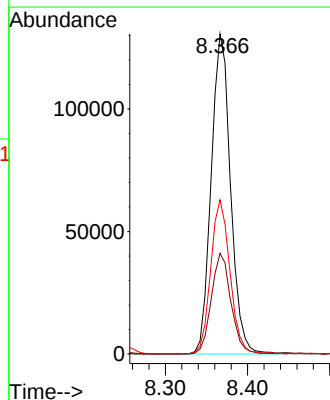
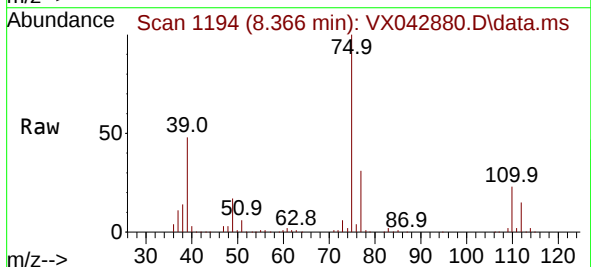
Tgt Ion: 75 Resp: 213498

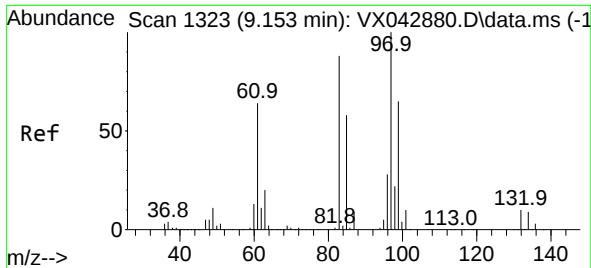
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

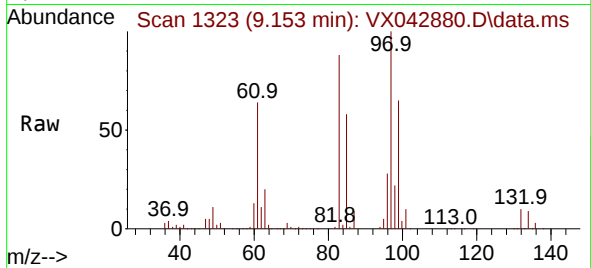
39 48.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 49.504 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

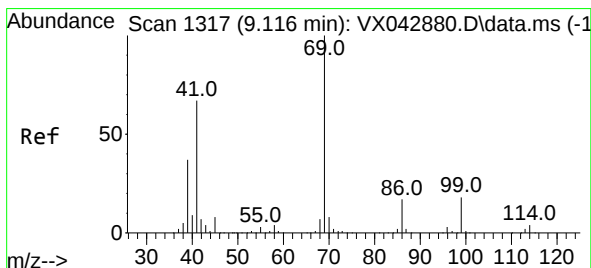
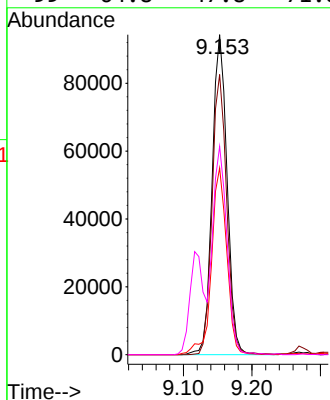
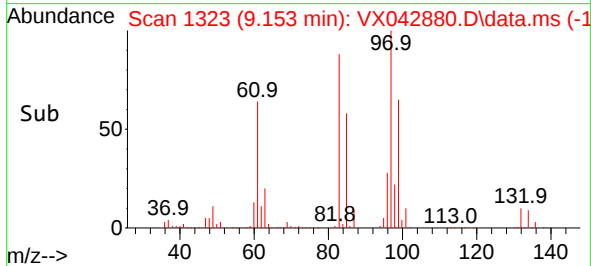
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



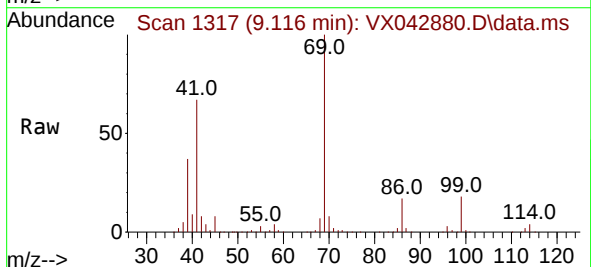
Tgt Ion: 97 Resp: 142554
Ion Ratio Lower Upper
97 100
83 87.6 65.8 98.8
85 58.4 41.6 62.4
99 64.8 47.8 71.8

Manual Integrations
APPROVED

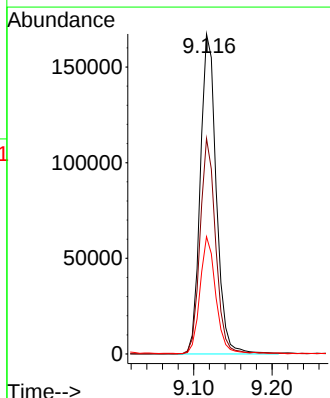
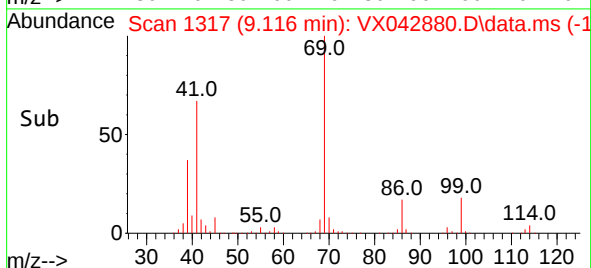
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

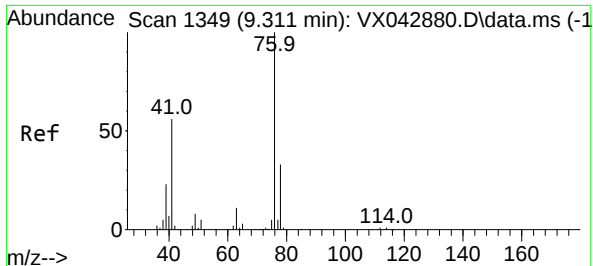


#56
Ethyl methacrylate
Concen: 51.135 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28



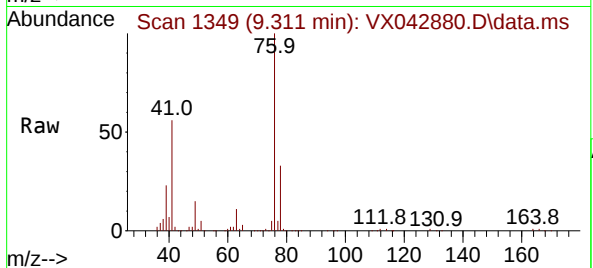
Tgt Ion: 69 Resp: 236953
Ion Ratio Lower Upper
69 100
41 65.7 56.8 85.2
39 36.4 32.0 48.0





#57
1,3-Dichloropropane
Concen: 49.869 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

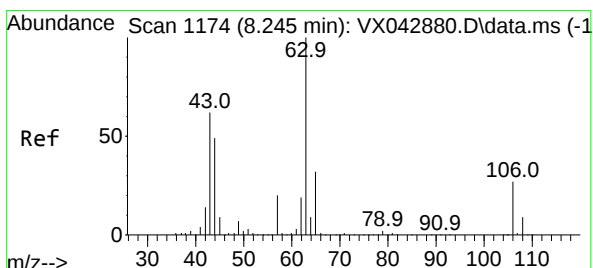
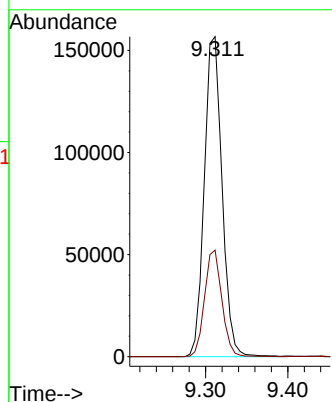
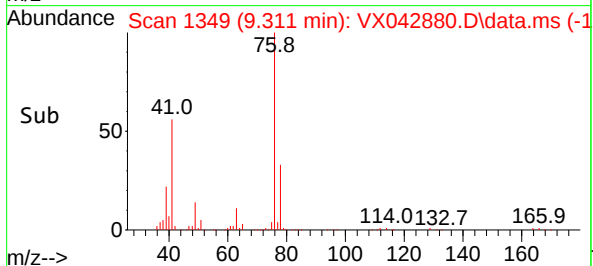
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 23525
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

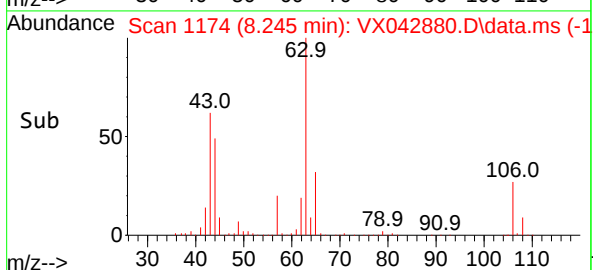
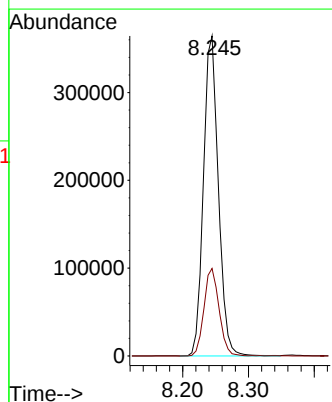
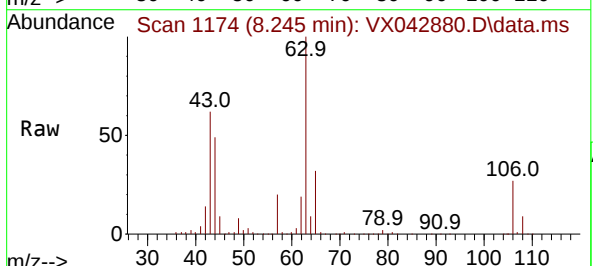
Manual Integrations
APPROVED

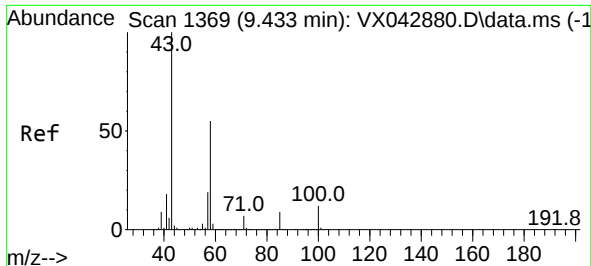
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#58
2-Chloroethyl Vinyl ether
Concen: 263.032 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

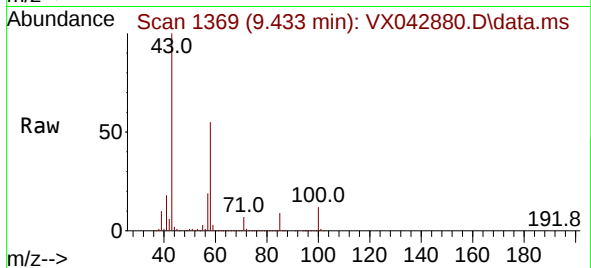
Tgt Ion: 63 Resp: 574465
Ion Ratio Lower Upper
63 100
106 27.8 22.5 33.7





#59
2-Hexanone
Concen: 251.528 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

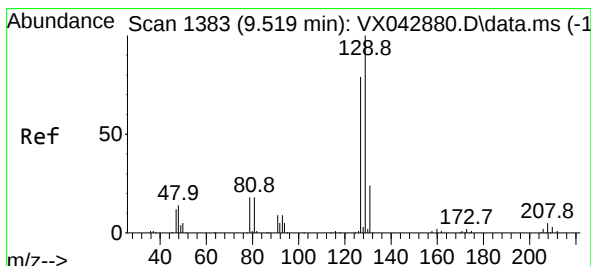
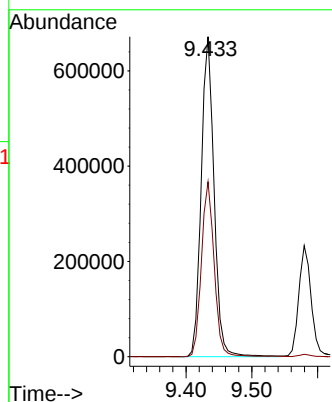
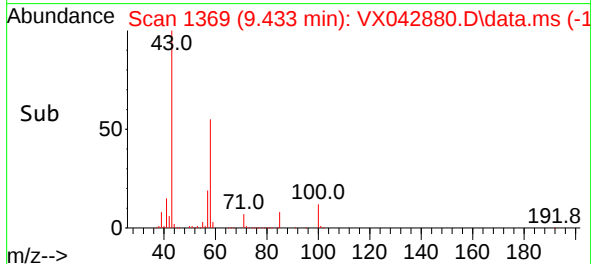
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 908960
Ion Ratio Lower Upper
43 100
58 54.5 26.2 78.5

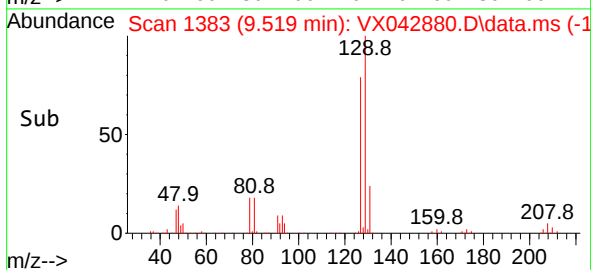
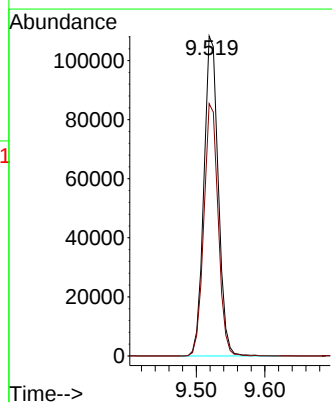
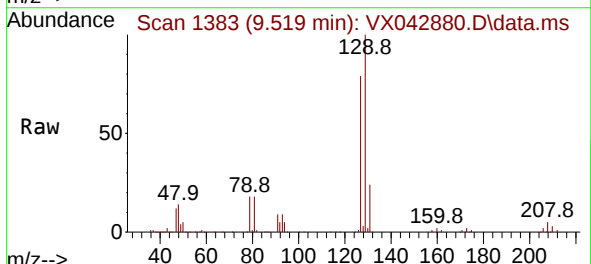
Manual Integrations
APPROVED

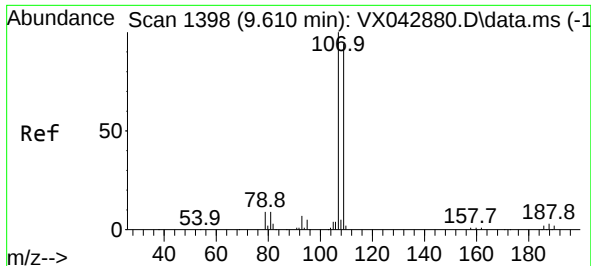
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#60
Dibromochloromethane
Concen: 49.958 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

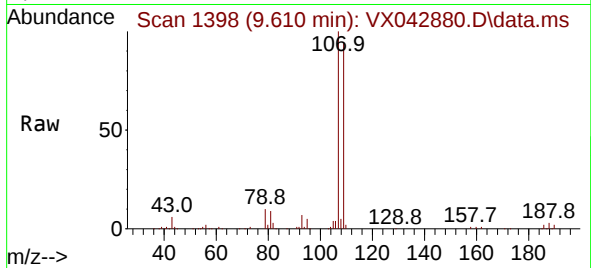
Tgt Ion:129 Resp: 158037
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.089 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

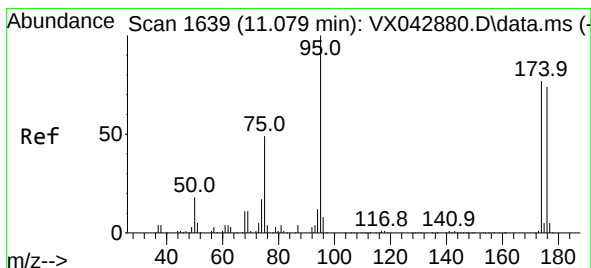
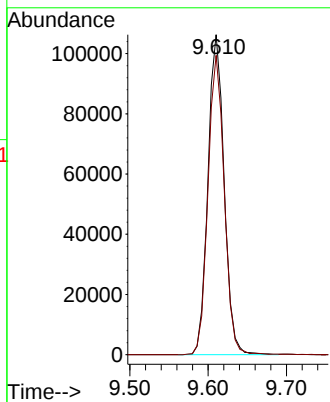
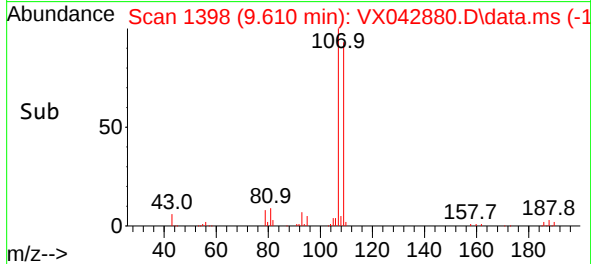
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 152395
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8

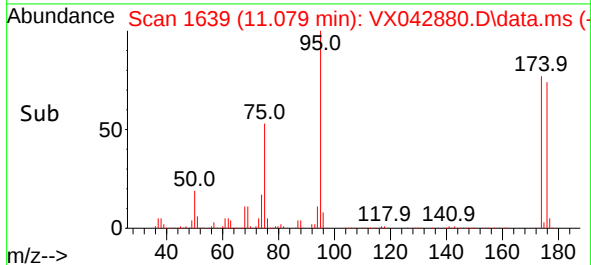
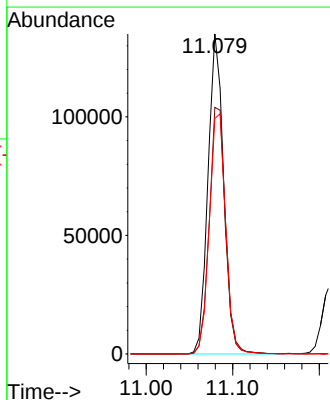
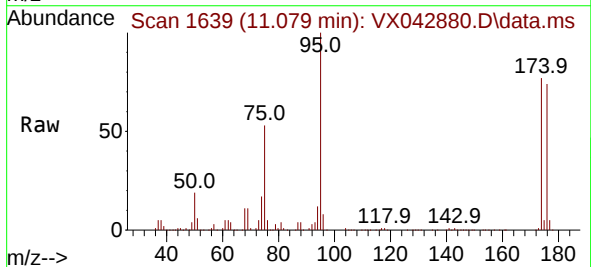
Manual Integrations
APPROVED

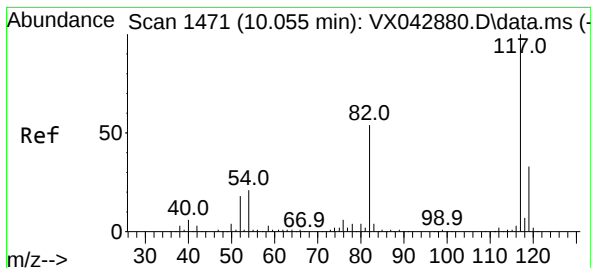
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#62
4-Bromofluorobenzene
Concen: 47.704 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

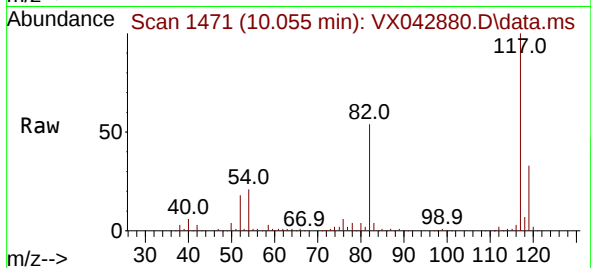
Tgt Ion: 95 Resp: 168890
Ion Ratio Lower Upper
95 100
174 80.8 0.0 135.6
176 78.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

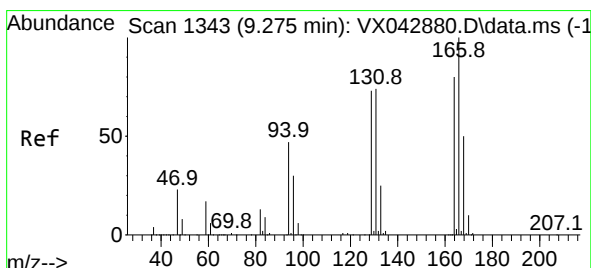
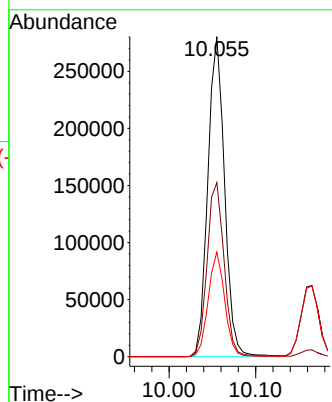
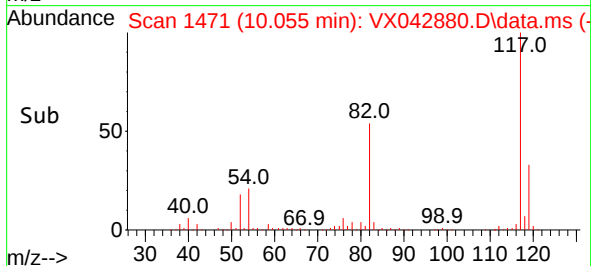
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 376320
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 32.7 25.5 38.3

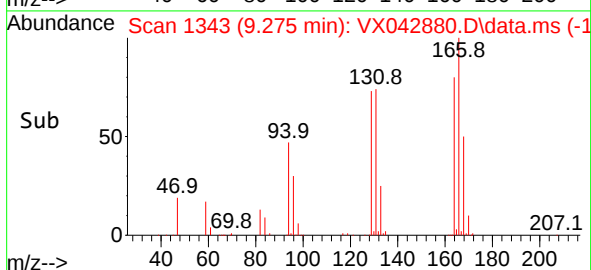
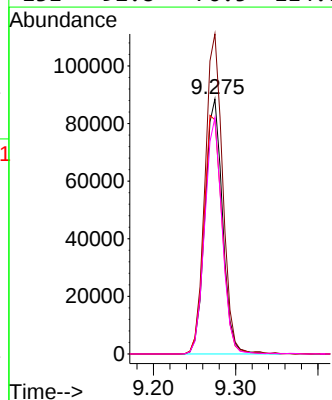
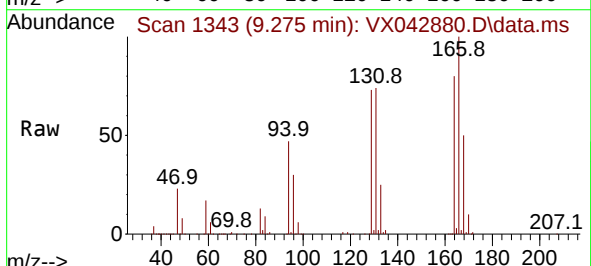
Manual Integrations
APPROVED

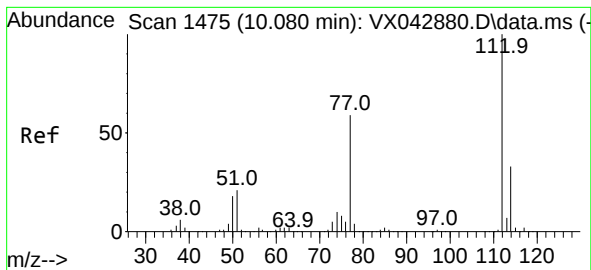
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#64
Tetrachloroethene
Concen: 50.092 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

Tgt Ion:164 Resp: 131072
Ion Ratio Lower Upper
164 100
166 125.6 102.7 154.1
129 91.8 80.4 120.6
131 92.8 76.5 114.7





#65

Chlorobenzene

Concen: 48.964 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:112 Resp: 391018

Ion Ratio Lower Upper

112 100

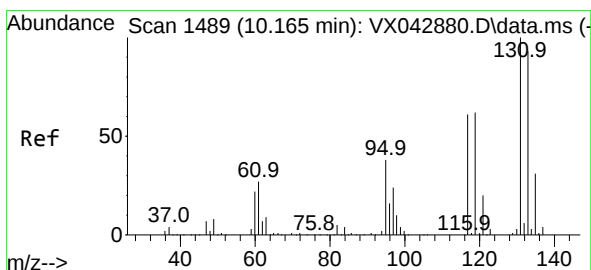
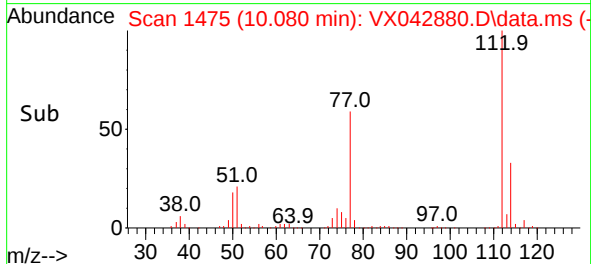
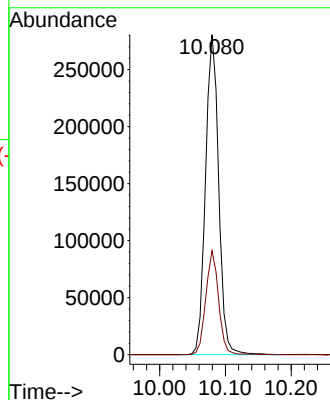
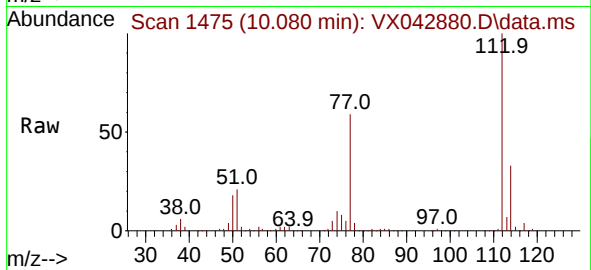
114 32.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 49.991 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

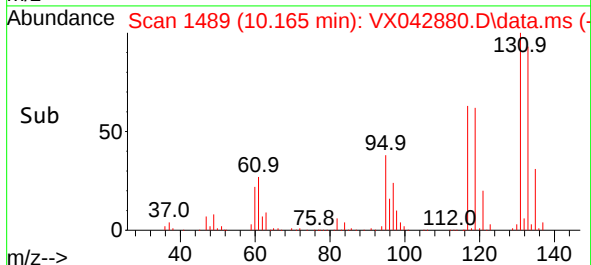
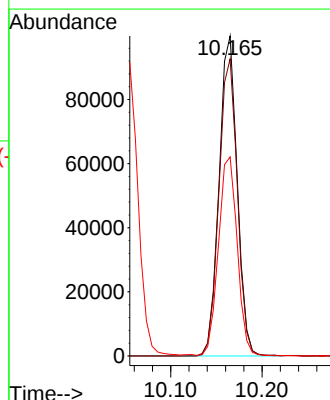
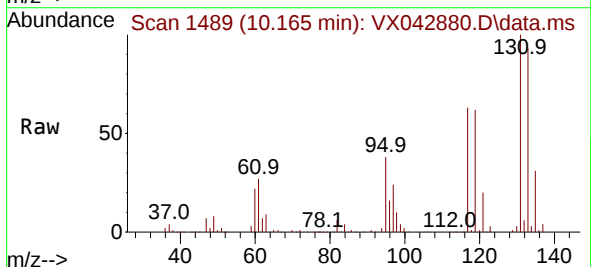
Tgt Ion:131 Resp: 137657

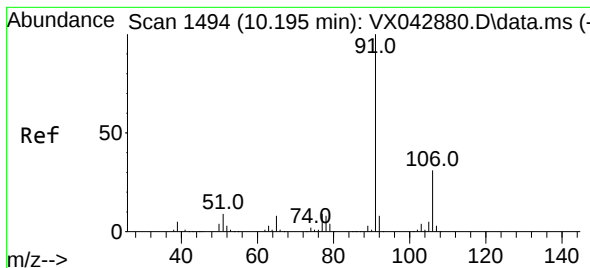
Ion Ratio Lower Upper

131 100

133 94.4 47.1 141.4

119 64.4 32.2 96.6





#67

Ethyl Benzene

Concen: 50.606 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 67978

Ion Ratio Lower Upper

91 100

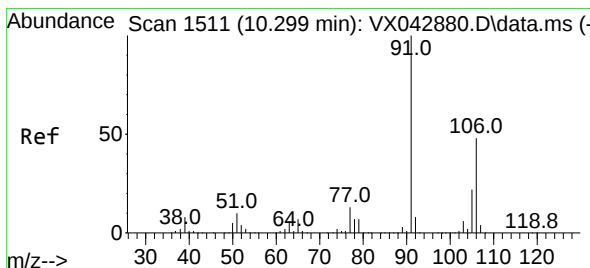
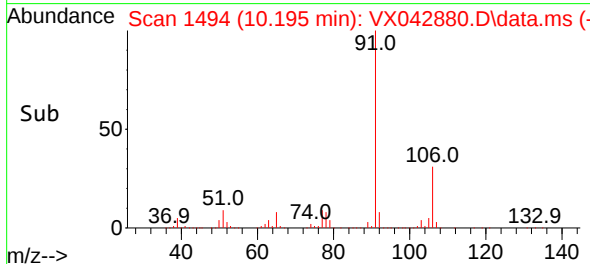
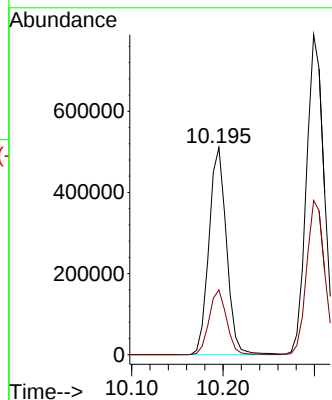
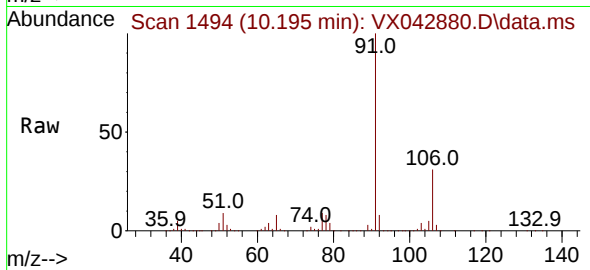
106 31.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#68

m/p-Xylenes

Concen: 102.222 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX042880.D

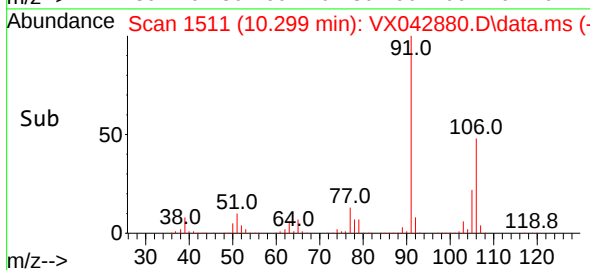
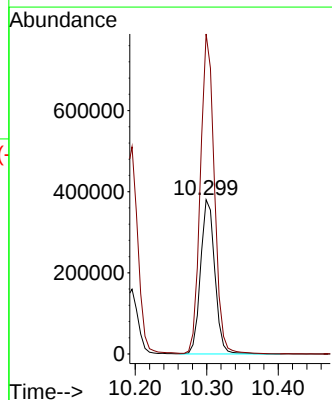
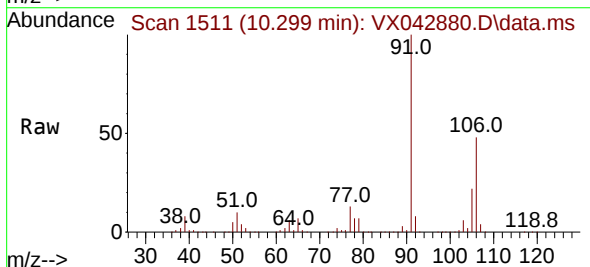
Acq: 06 Aug 2024 19:28

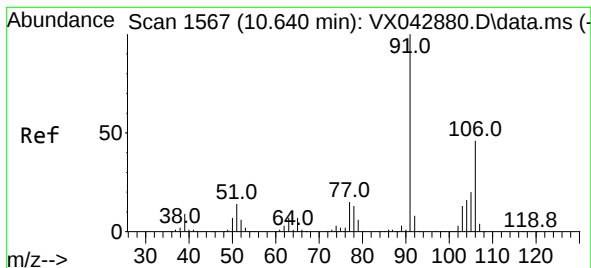
Tgt Ion:106 Resp: 524202

Ion Ratio Lower Upper

106 100

91 204.1 165.5 248.3





#69

o-Xylene

Concen: 50.359 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:106 Resp: 258694

Ion Ratio Lower Upper

106 100

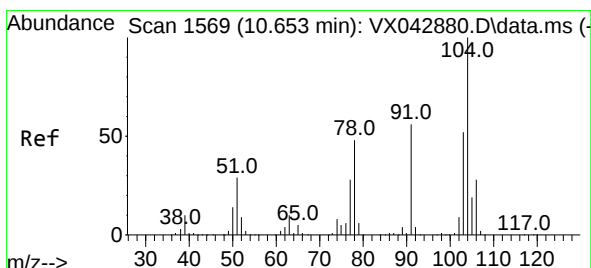
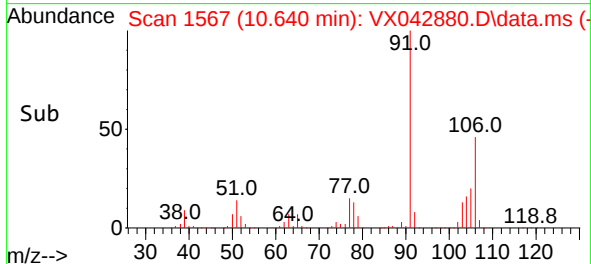
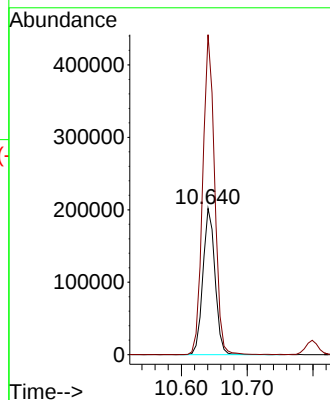
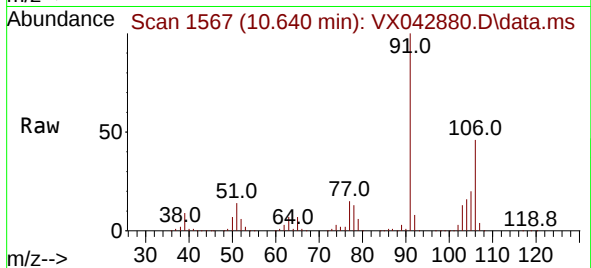
91 214.9 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#70

Styrene

Concen: 52.555 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

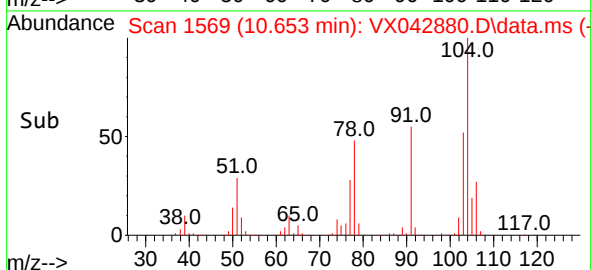
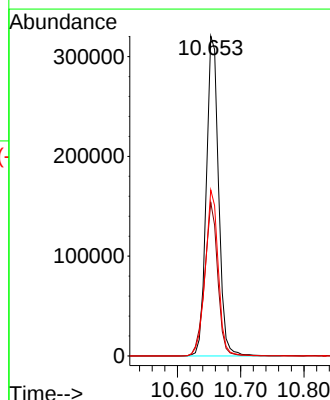
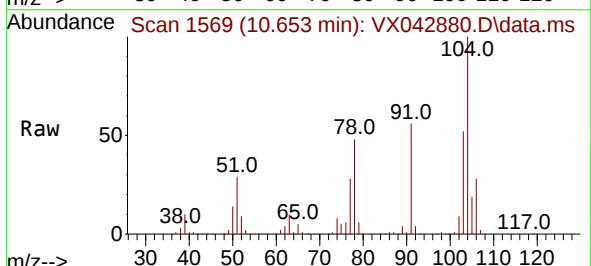
Tgt Ion:104 Resp: 434136

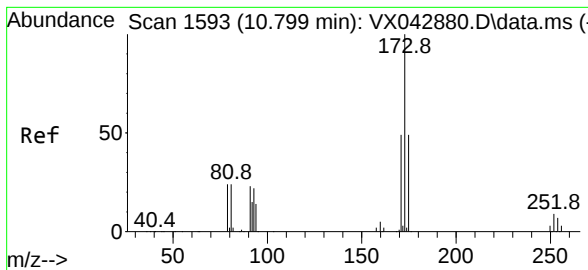
Ion Ratio Lower Upper

104 100

78 50.9 43.6 65.4

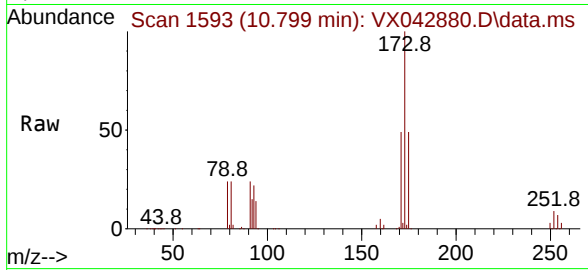
103 55.1 43.6 65.4





#71
Bromoform
Concen: 48.675 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

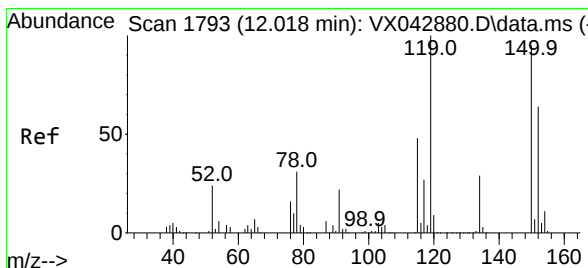
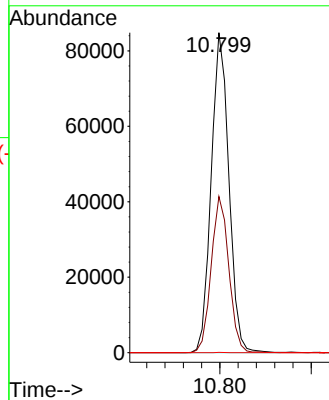
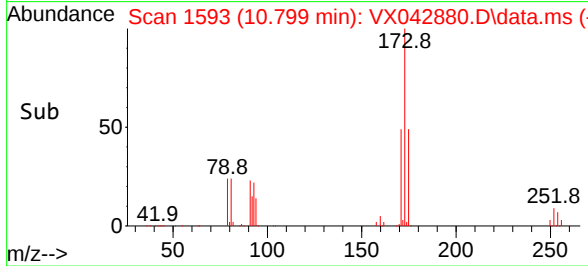
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:173 Resp: 11342
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.4
254 0.0 0.0 0.0

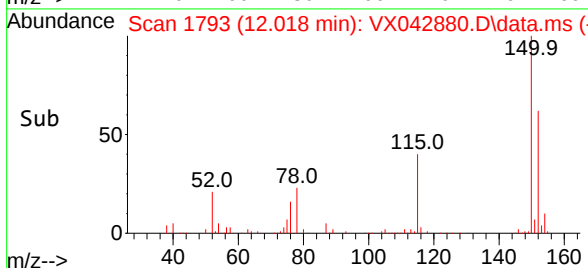
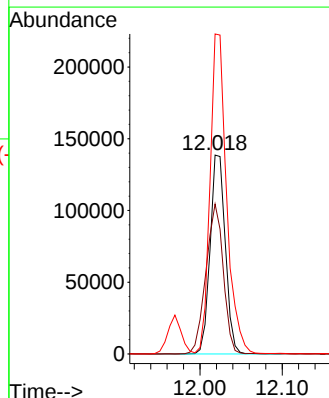
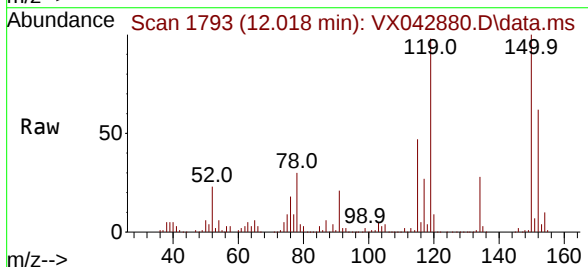
Manual Integrations
APPROVED

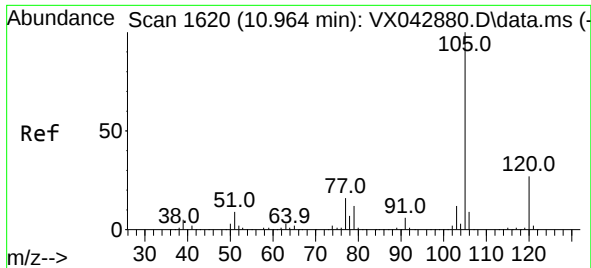
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

Tgt Ion:152 Resp: 178191
Ion Ratio Lower Upper
152 100
115 86.1 43.3 129.9
150 174.5 0.0 345.0





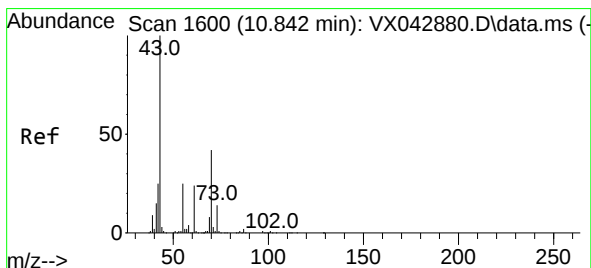
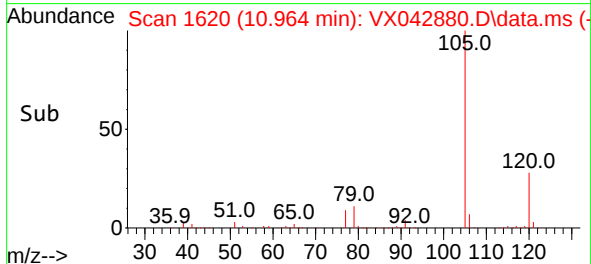
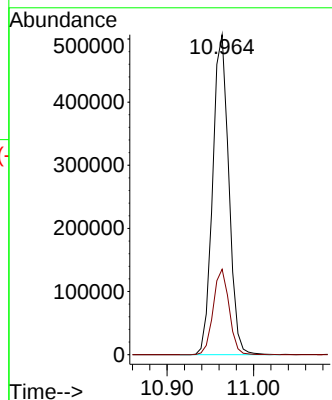
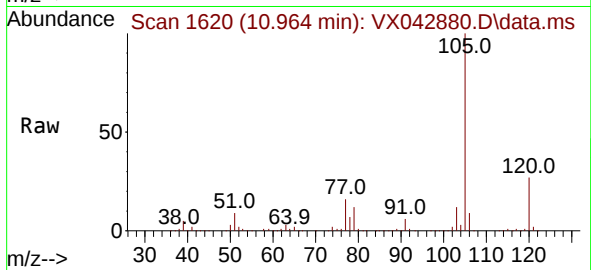
#73
Isopropylbenzene
Concen: 50.806 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 654538
Ion Ratio Lower Upper
105 100
120 26.3 12.9 38.6

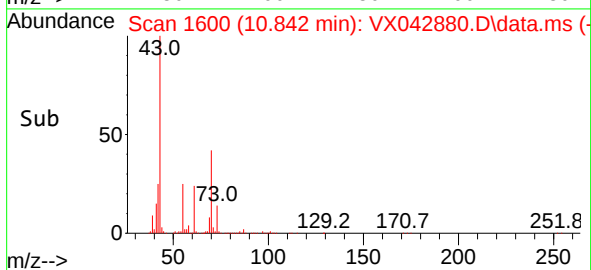
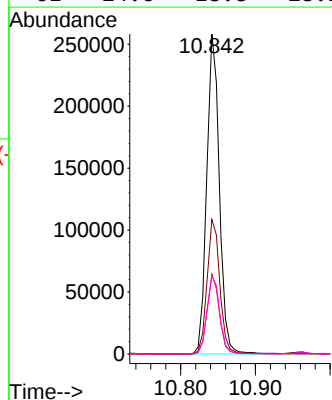
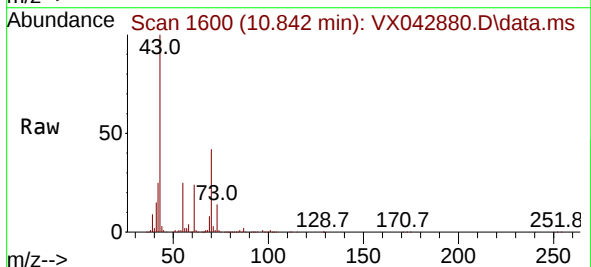
Manual Integrations
APPROVED

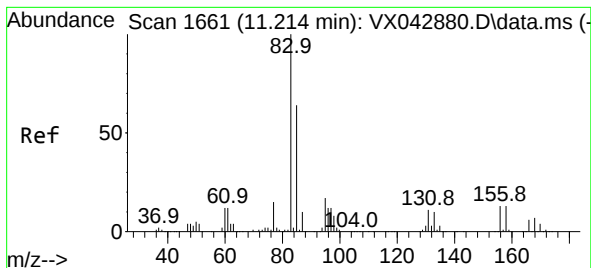
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#74
N-ethyl acetate
Concen: 52.077 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

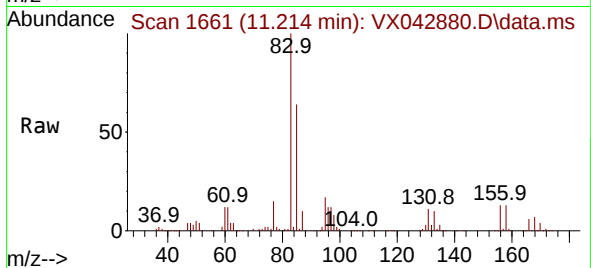
Tgt Ion: 43 Resp: 301881
Ion Ratio Lower Upper
43 100
70 42.7 32.9 49.3
55 24.4 19.3 28.9
61 24.6 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.108 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

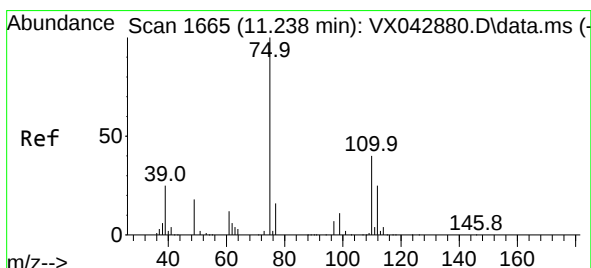
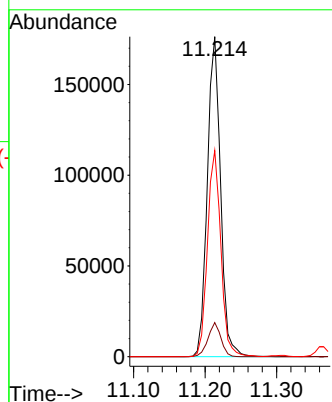
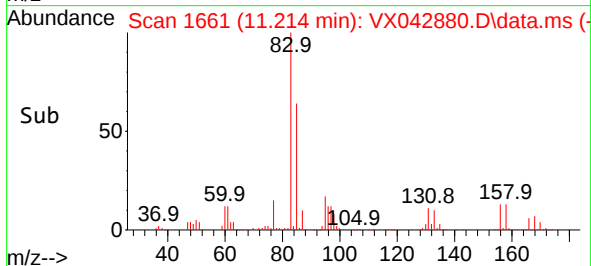
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 227040
Ion Ratio Lower Upper
83 100
131 10.4 5.3 15.8
85 65.1 32.0 96.2

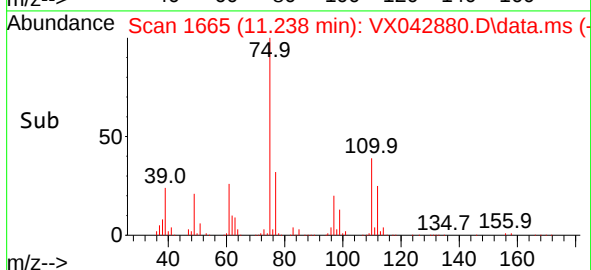
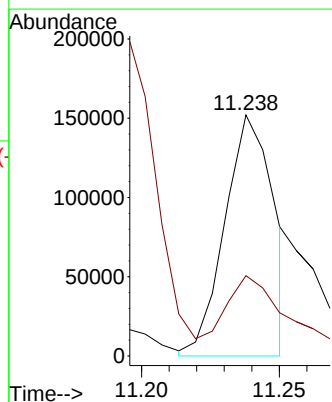
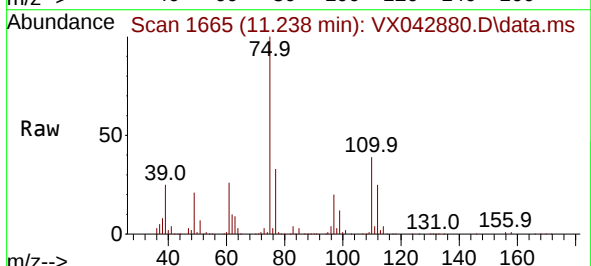
Manual Integrations
APPROVED

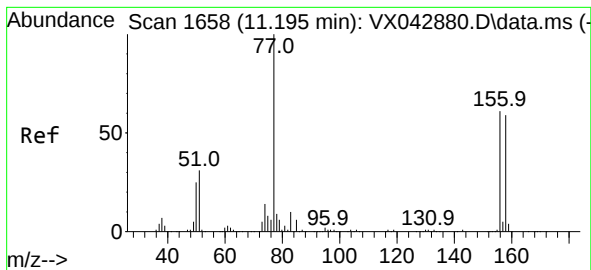
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#76
1,2,3-Trichloropropane
Concen: 48.010 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

Tgt Ion: 75 Resp: 187659
Ion Ratio Lower Upper
75 100
77 44.0 19.1 57.5





#77

Bromobenzene

Concen: 49.875 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:156 Resp: 16344

Ion Ratio Lower Upper

156 100

77 155.9 88.4 265.3

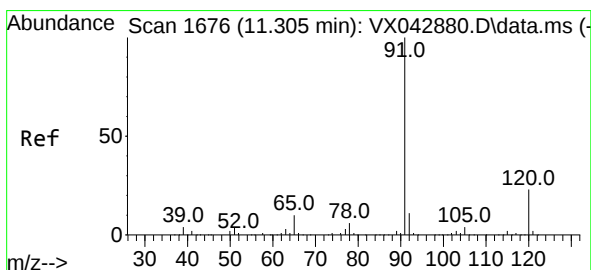
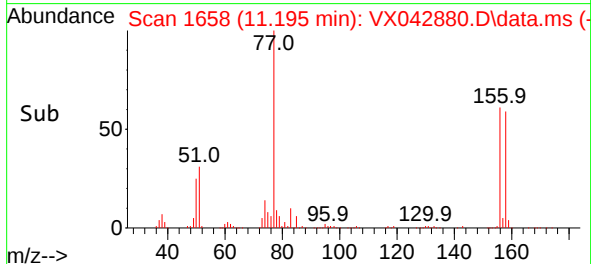
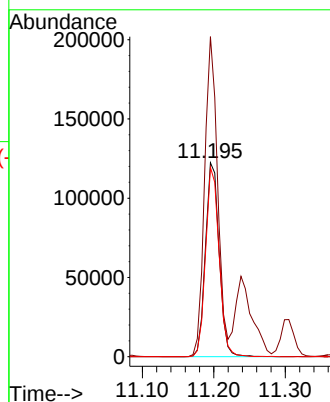
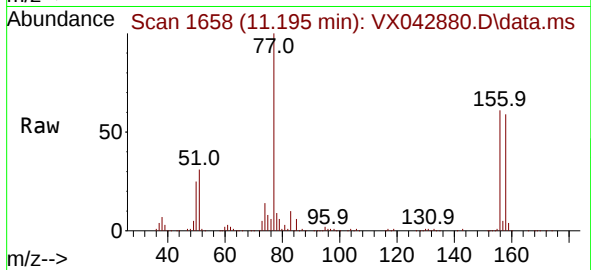
158 96.2 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#78

n-propylbenzene

Concen: 52.450 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX042880.D

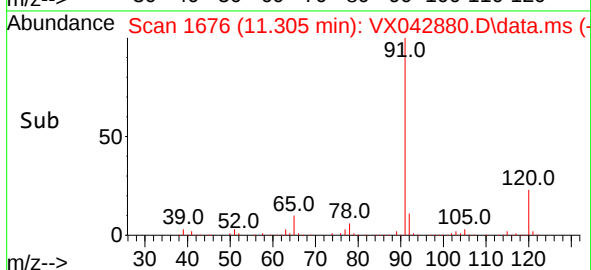
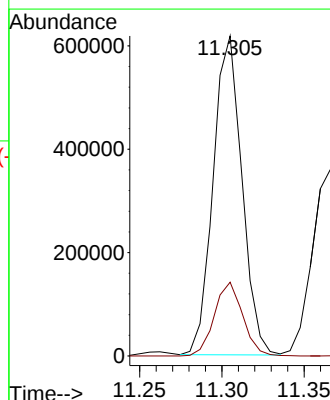
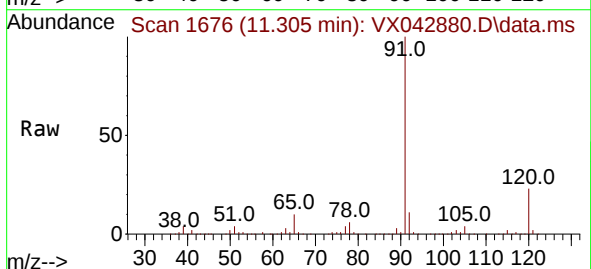
Acq: 06 Aug 2024 19:28

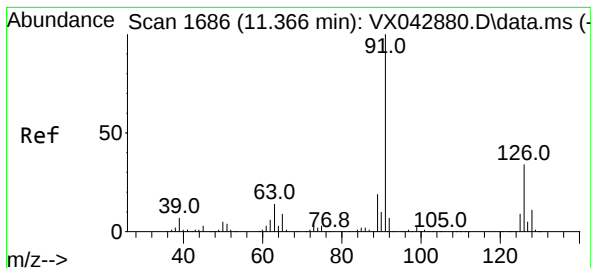
Tgt Ion: 91 Resp: 750582

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.939 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 45804

Ion Ratio Lower Upper

91 100

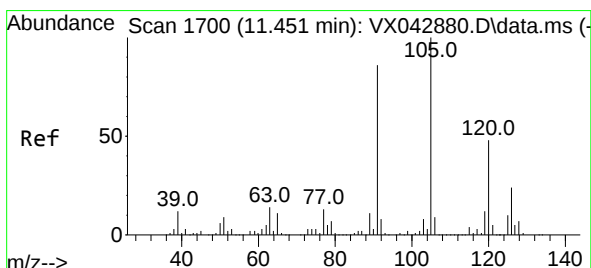
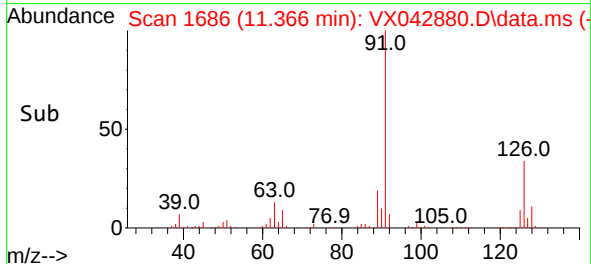
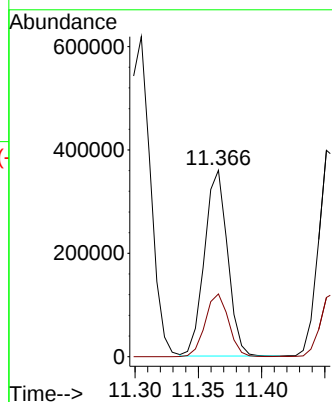
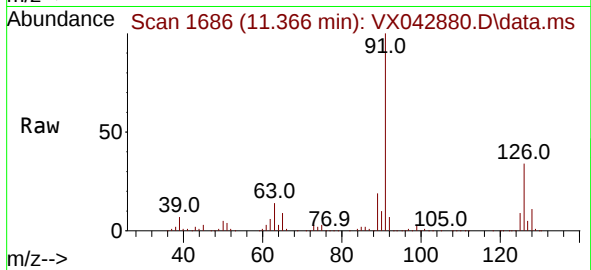
126 34.1 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#80

1,3,5-Trimethylbenzene

Concen: 51.658 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX042880.D

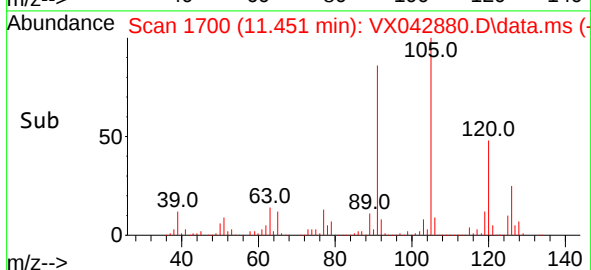
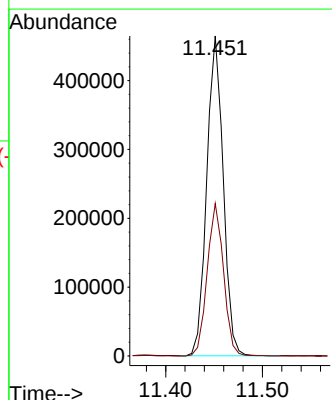
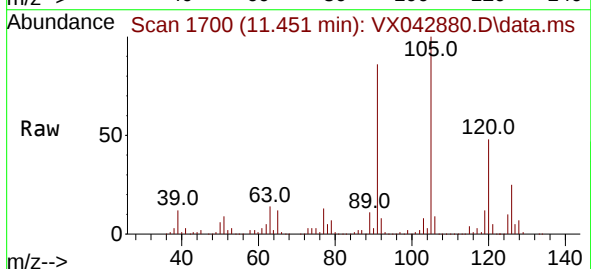
Acq: 06 Aug 2024 19:28

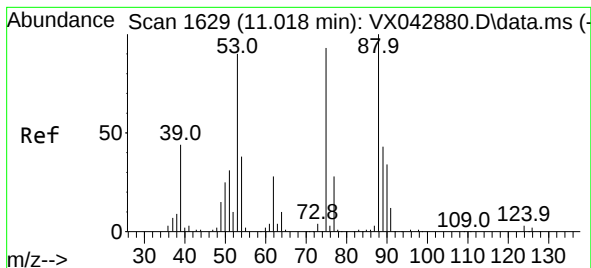
Tgt Ion:105 Resp: 551055

Ion Ratio Lower Upper

105 100

120 47.4 24.1 72.3





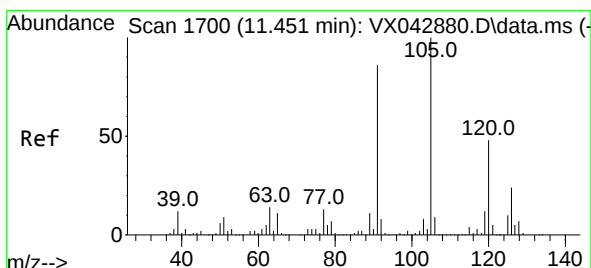
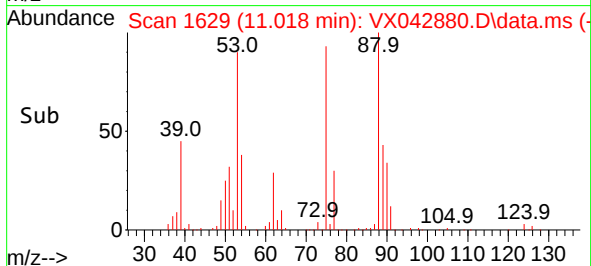
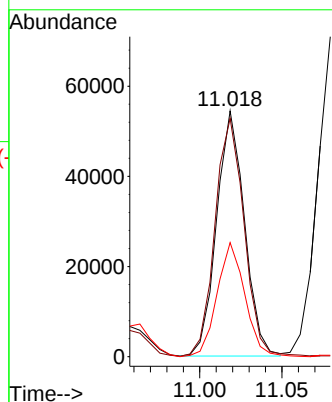
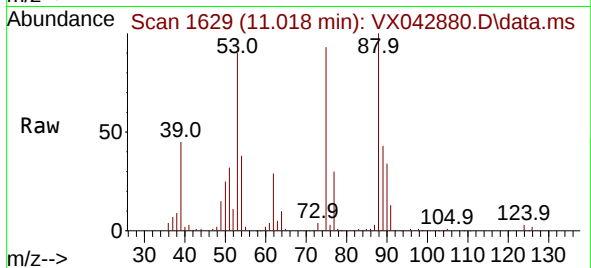
#81
trans-1,4-Dichloro-2-butene
Concen: 52.018 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 6411
Ion Ratio Lower Upper
75 100
53 102.2 90.5 135.7
89 46.4 36.9 55.3

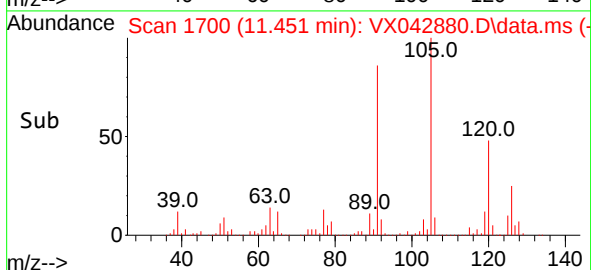
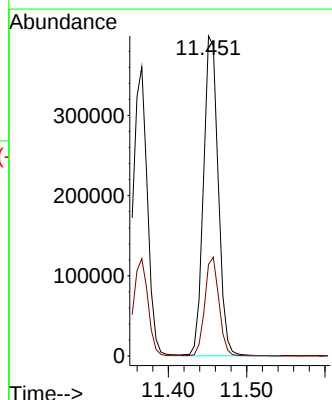
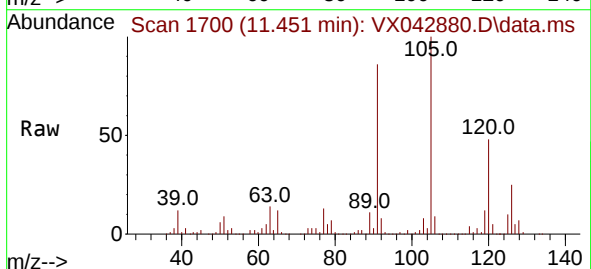
Manual Integrations
APPROVED

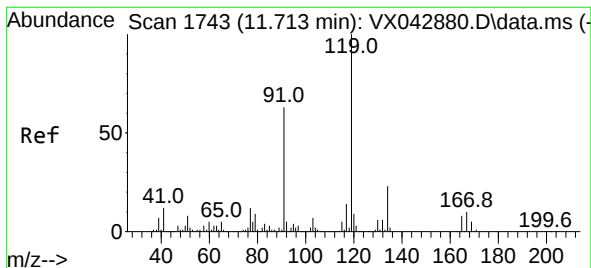
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#82
4-Chlorotoluene
Concen: 50.527 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

Tgt Ion: 91 Resp: 520906
Ion Ratio Lower Upper
91 100
126 29.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.382 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:119 Resp: 552320

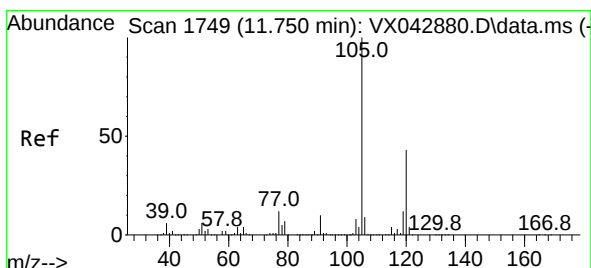
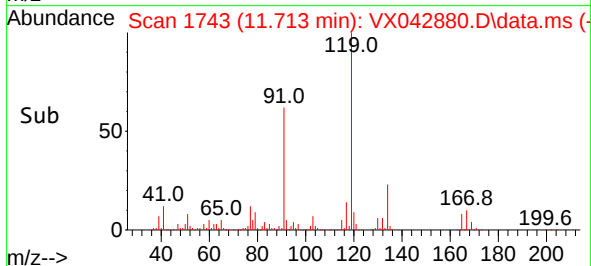
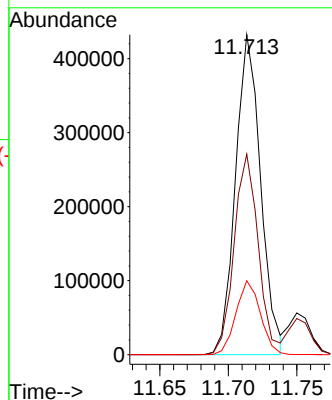
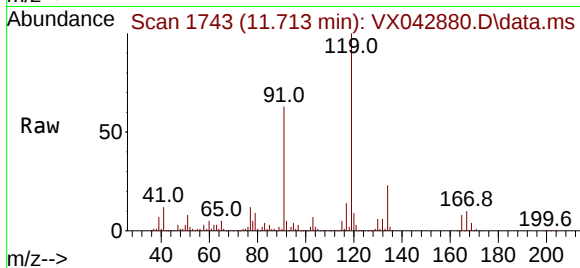
Ion	Ratio	Lower	Upper
119	100		
91	60.3	31.2	93.6
134	22.5	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#84

1,2,4-Trimethylbenzene

Concen: 52.393 ug/l

RT: 11.750 min Scan# 1749

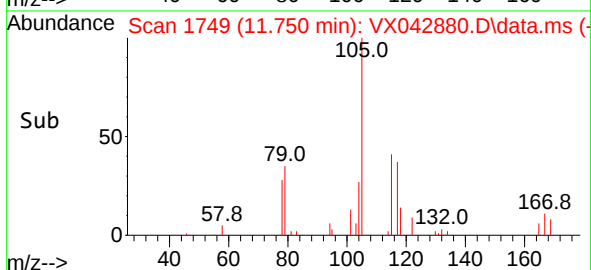
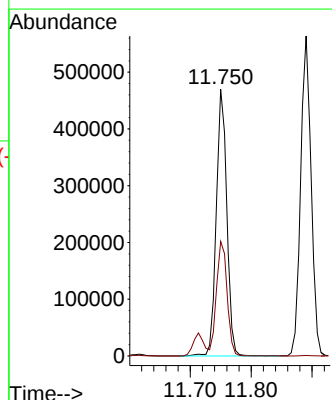
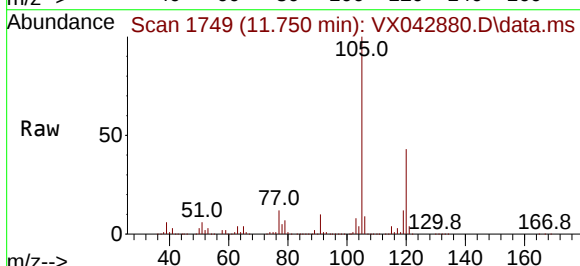
Delta R.T. 0.000 min

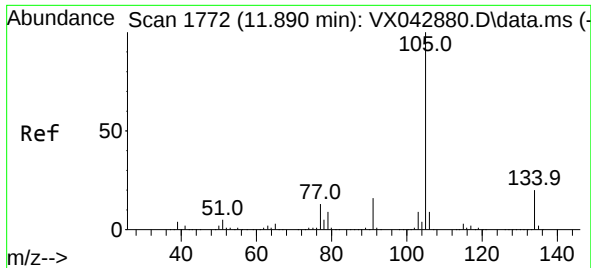
Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Tgt Ion:105 Resp: 562656

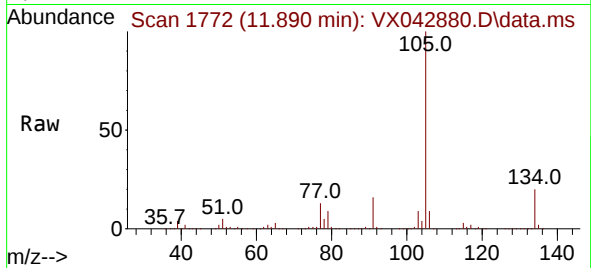
Ion	Ratio	Lower	Upper
105	100		
120	43.2	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 52.187 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX042880.D
 Acq: 06 Aug 2024 19:28

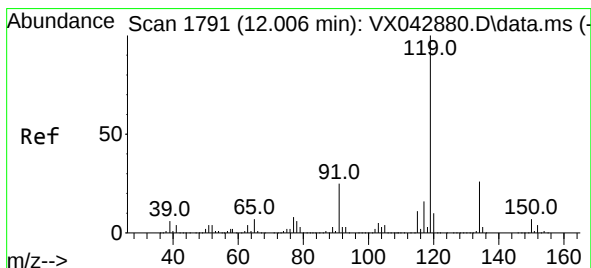
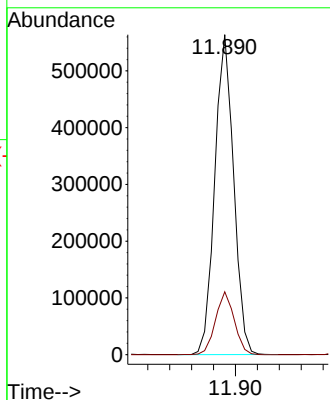
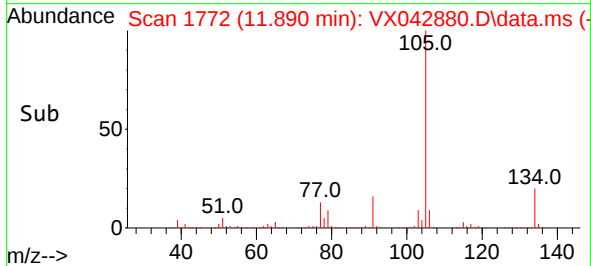
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



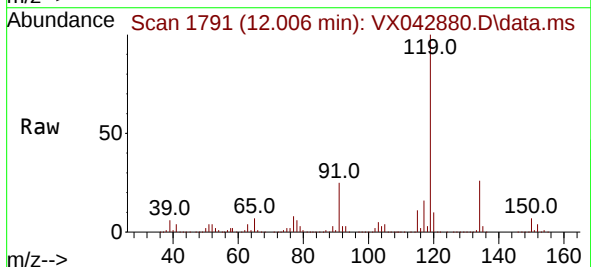
Tgt Ion:105 Resp: 67366
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

Manual Integrations
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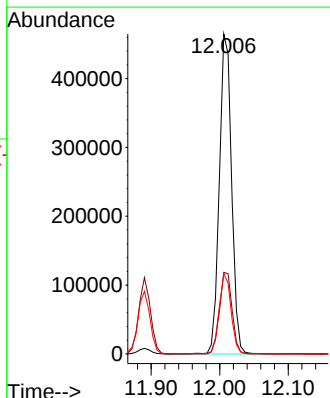
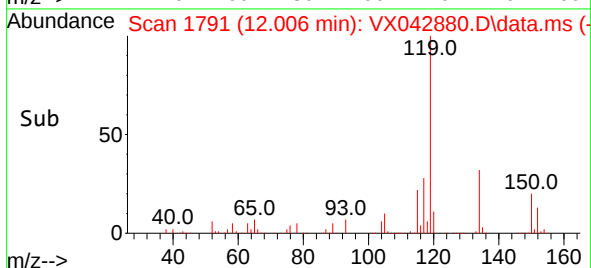
Reviewed By :John Carlone 08/07/2024
 Supervised By :Mahesh Dadoda 08/08/2024

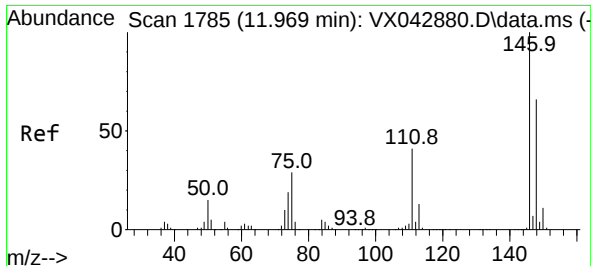


#86
 p-Isopropyltoluene
 Concen: 53.321 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX042880.D
 Acq: 06 Aug 2024 19:28



Tgt Ion:119 Resp: 571852
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.8 38.3
 91 24.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.490 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 29352

Ion Ratio Lower Upper

146 100

111 40.9 22.1 66.1

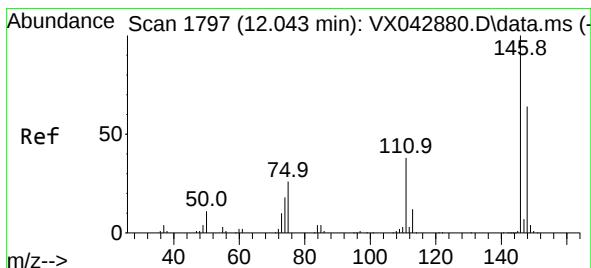
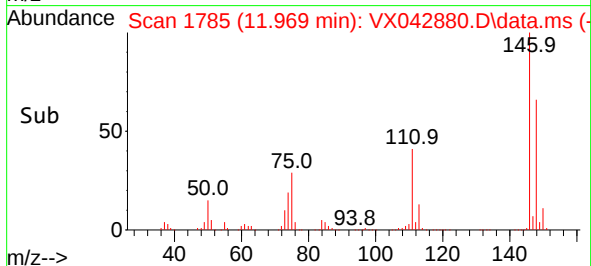
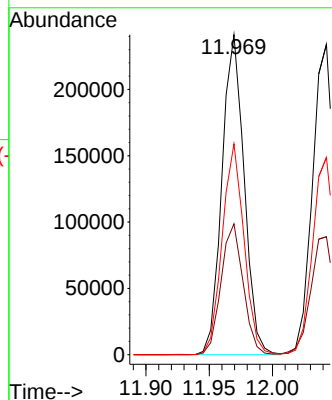
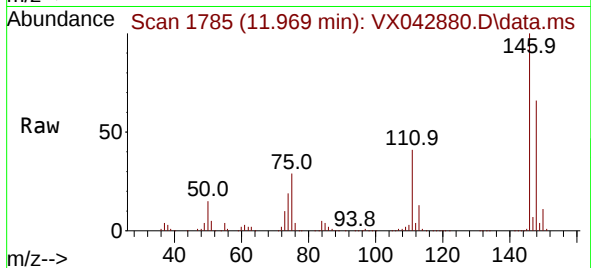
148 64.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#88

1,4-Dichlorobenzene

Concen: 47.930 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

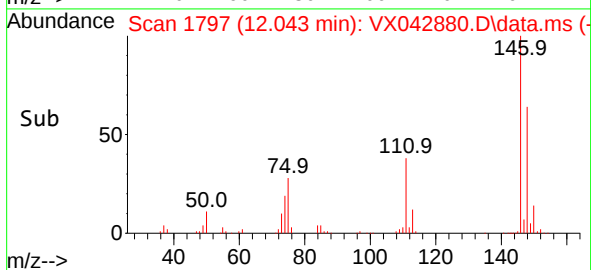
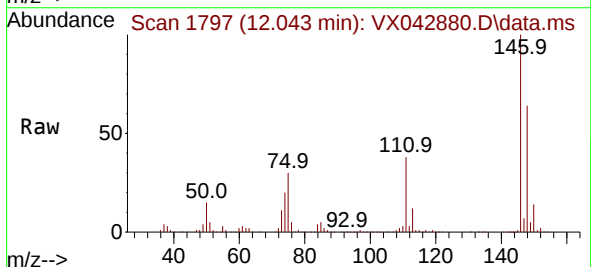
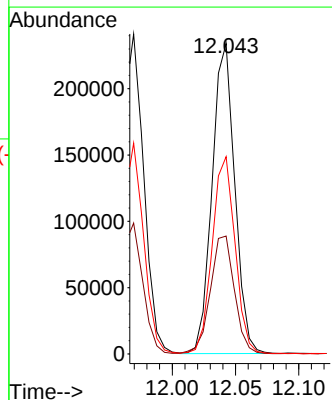
Tgt Ion:146 Resp: 291382

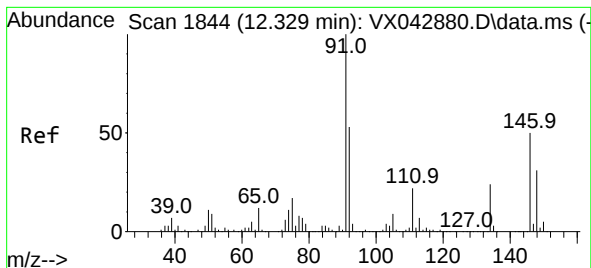
Ion Ratio Lower Upper

146 100

111 40.3 21.3 63.7

148 64.3 31.8 95.4





#89

n-Butylbenzene

Concen: 52.520 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 48592

Ion Ratio Lower Upper

91 100

92 51.8 27.4 82.0

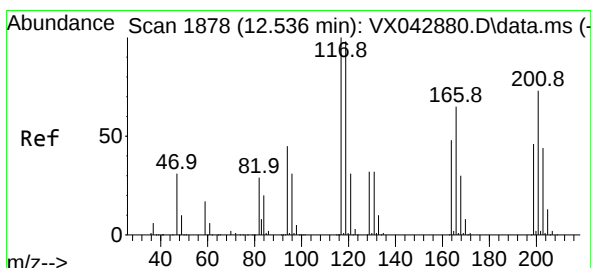
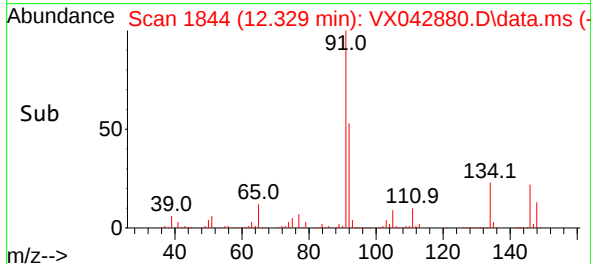
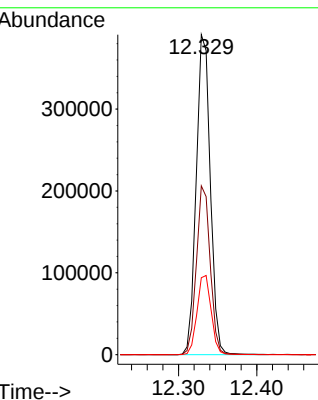
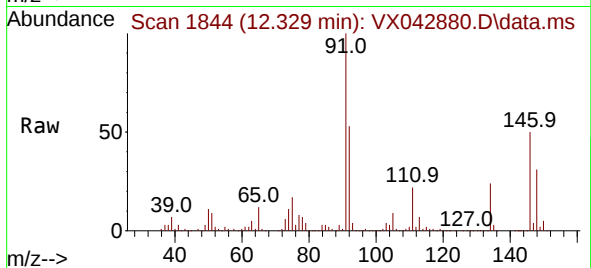
134 24.9 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#90

Hexachloroethane

Concen: 49.698 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX042880.D

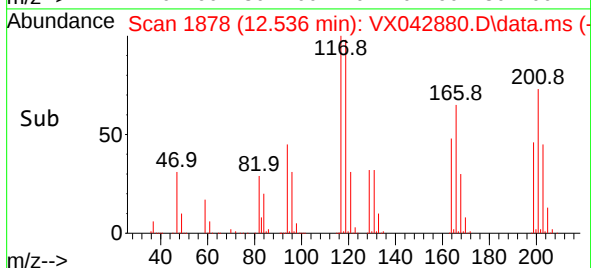
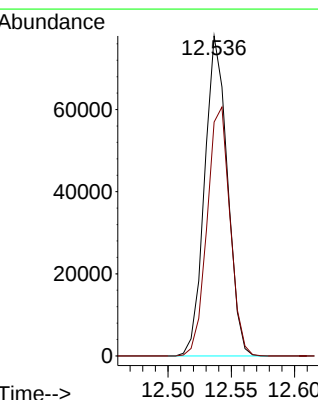
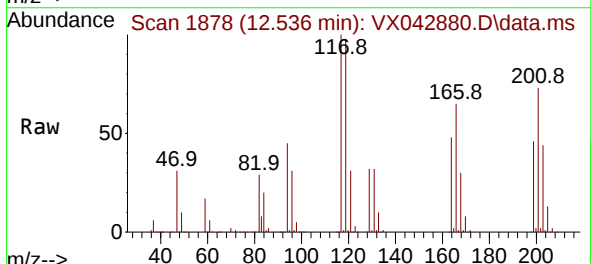
Acq: 06 Aug 2024 19:28

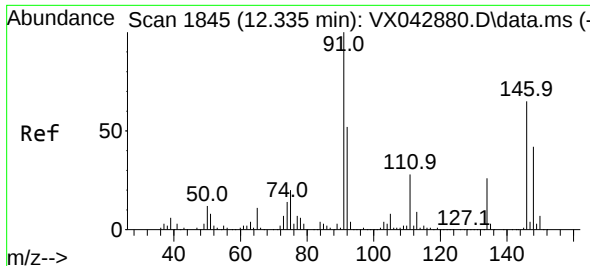
Tgt Ion:117 Resp: 97498

Ion Ratio Lower Upper

117 100

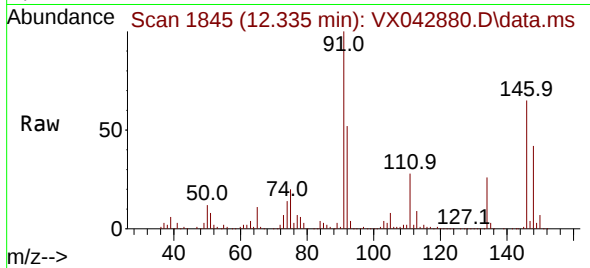
201 78.1 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 49.707 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

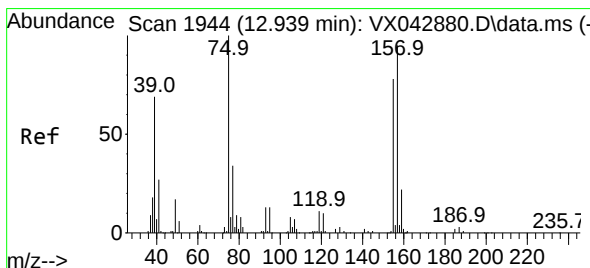
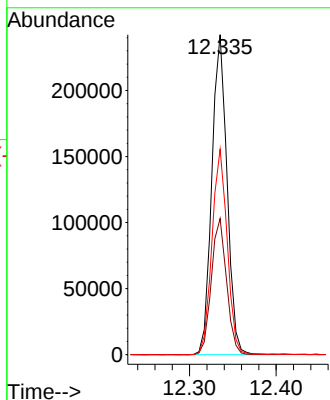
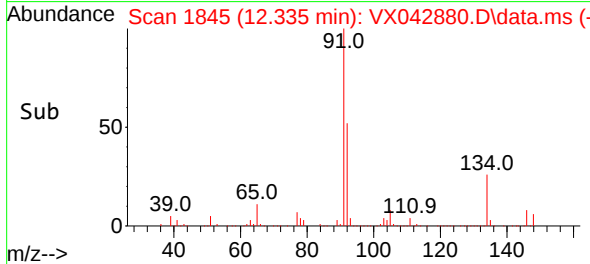
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



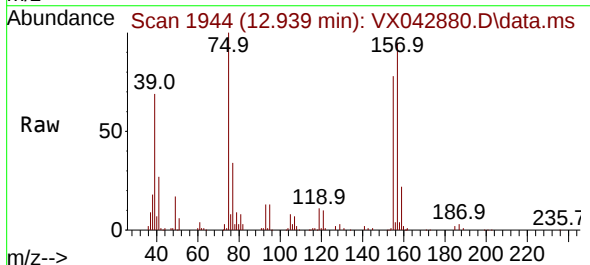
Tgt Ion:146 Resp: 295210
Ion Ratio Lower Upper
146 100
111 42.6 22.4 67.0
148 64.3 31.6 95.0

Manual Integrations
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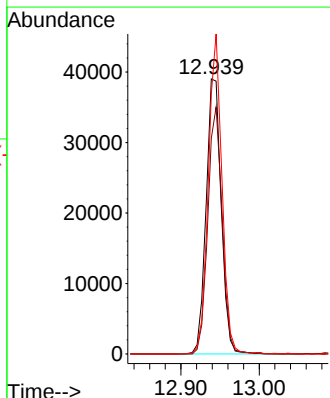
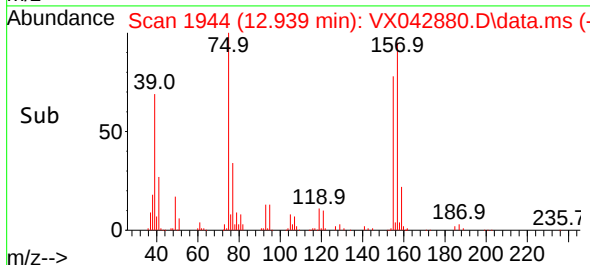
Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024

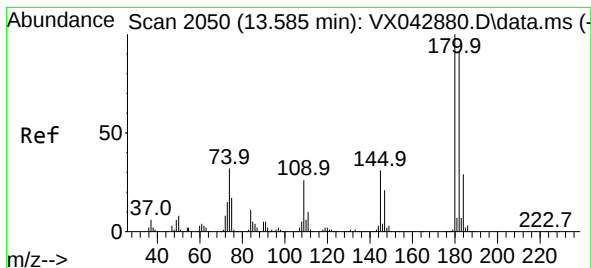


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.412 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28



Tgt Ion: 75 Resp: 52278
Ion Ratio Lower Upper
75 100
155 85.0 36.1 108.5
157 105.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.045 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

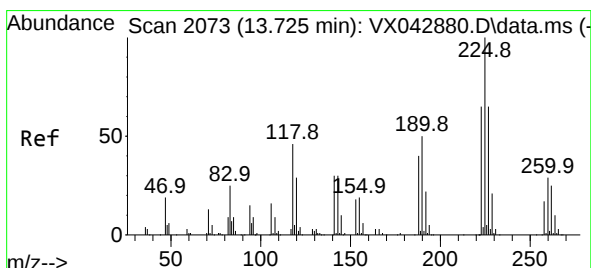
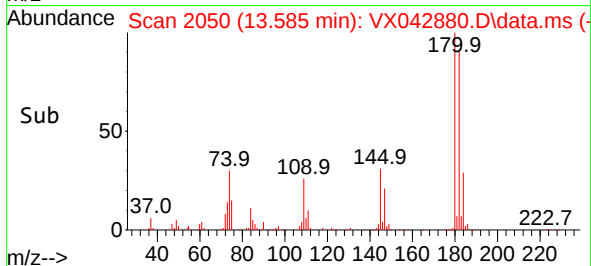
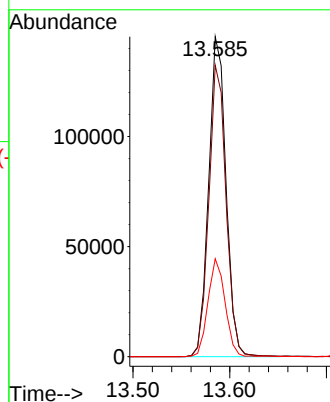
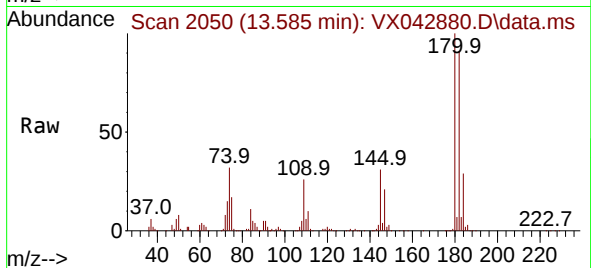
Tgt Ion:180	Resp: 181290
Ion Ratio	Lower Upper
180 100	
182 91.0	48.3 144.8
145 30.2	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2024

Supervised By :Mahesh Dadoda 08/08/2024



#94

Hexachlorobutadiene

Concen: 50.346 ug/l

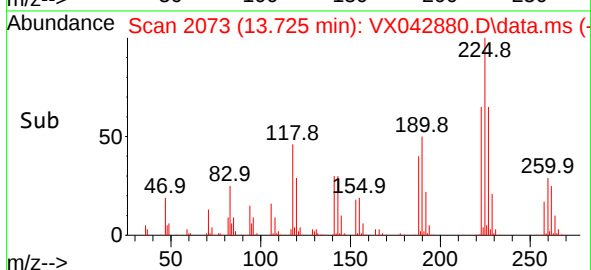
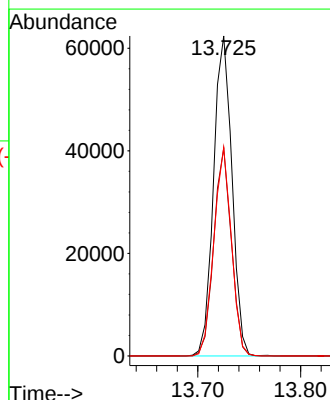
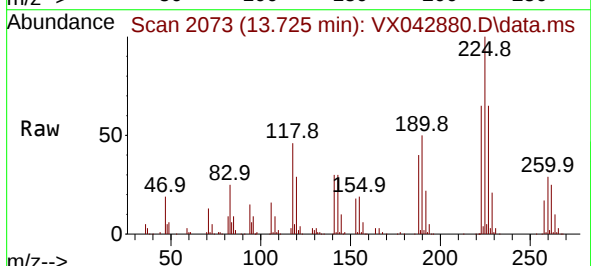
RT: 13.725 min Scan# 2073

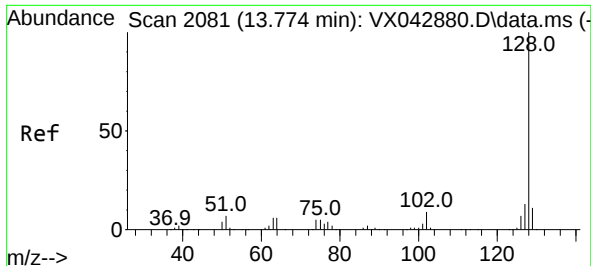
Delta R.T. 0.000 min

Lab File: VX042880.D

Acq: 06 Aug 2024 19:28

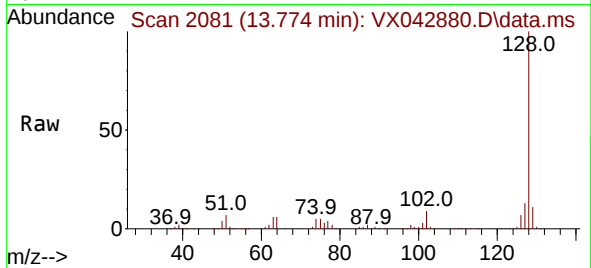
Tgt Ion:225	Resp: 77353
Ion Ratio	Lower Upper
225 100	
223 62.0	31.1 93.2
227 62.2	32.5 97.5





#95
Naphthalene
Concen: 52.086 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

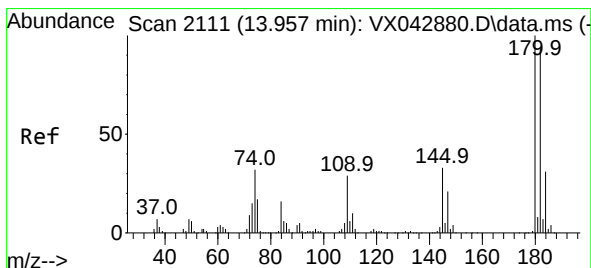
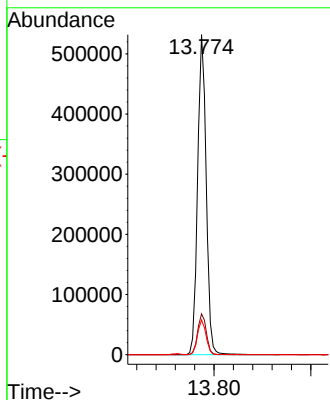
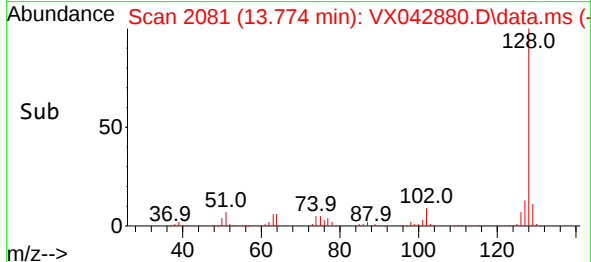
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 65294
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/07/2024
Supervised By :Mahesh Dadoda 08/08/2024



#96
1,2,3-Trichlorobenzene
Concen: 51.079 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX042880.D
Acq: 06 Aug 2024 19:28

Tgt Ion:180 Resp: 186267
Ion Ratio Lower Upper
180 100
182 94.3 46.9 140.6
145 32.6 17.8 53.5

