

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
 Data File : VN083791.D
 Acq On : 11 Sep 2024 12:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2024
 Supervised By : Mahesh Dadoda 09/12/2024

Quant Time: Sep 12 02:06:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	152640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	228788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113022	49.106	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.220%		
35) Dibromofluoromethane	8.165	113	80124	48.184	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.360%		
50) Toluene-d8	10.565	98	293562	51.066	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.140%		
62) 4-Bromofluorobenzene	12.847	95	116001	48.909	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	92853	52.380	ug/l	95
3) Chloromethane	2.359	50	96483	53.426	ug/l	97
4) Vinyl Chloride	2.512	62	98446	50.667	ug/l	96
5) Bromomethane	2.906	94	55805	50.023	ug/l	100
6) Chloroethane	3.077	64	66402	48.719	ug/l	93
7) Trichlorofluoromethane	3.471	101	168204	50.999	ug/l	97
8) Diethyl Ether	3.953	74	57405	51.923	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	93036	53.219	ug/l	97
10) Methyl Iodide	4.583	142	114902	51.680	ug/l	96
11) Tert butyl alcohol	5.530	59	82327	267.118	ug/l	99
12) 1,1-Dichloroethene	4.330	96	83287	50.448	ug/l	96
13) Acrolein	4.171	56	77151	253.706	ug/l	96
14) Allyl chloride	5.012	41	154256	52.436	ug/l	98
15) Acrylonitrile	5.712	53	221249	263.967	ug/l	98
16) Acetone	4.424	43	248789	269.645	ug/l	99
17) Carbon Disulfide	4.700	76	218851	47.389	ug/l	99
18) Methyl Acetate	5.024	43	107359	56.072	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	311194	52.089	ug/l	98
20) Methylene Chloride	5.271	84	95892	50.788	ug/l	87
21) trans-1,2-Dichloroethene	5.777	96	86440	48.855	ug/l	89
22) Diisopropyl ether	6.671	45	322165	53.200	ug/l	98
23) Vinyl Acetate	6.600	43	1228060	276.919	ug/l	99
24) 1,1-Dichloroethane	6.565	63	175379	50.268	ug/l	99
25) 2-Butanone	7.482	43	322514	265.951	ug/l	98
26) 2,2-Dichloropropane	7.488	77	170992	53.219	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	107623	51.241	ug/l	97
28) Bromochloromethane	7.812	49	73121	49.768	ug/l	96
29) Tetrahydrofuran	7.835	42	196268	273.716	ug/l	98
30) Chloroform	7.965	83	187996	50.756	ug/l	98
31) Cyclohexane	8.253	56	156154	46.943	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	175429	51.509	ug/l	98
36) 1,1-Dichloropropene	8.365	75	128219	51.229	ug/l	99
37) Ethyl Acetate	7.559	43	132317	58.242	ug/l	98
38) Carbon Tetrachloride	8.359	117	150427	52.977	ug/l	100
39) Methylcyclohexane	9.600	83	155833	54.700	ug/l	99
40) Benzene	8.600	78	400377	53.148	ug/l	98

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Quant Time: Sep 12 02:06:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	75956	56.528	ug/l	97
42) 1,2-Dichloroethane	8.671	62	150827	53.581	ug/l	100
43) Isopropyl Acetate	8.688	43	291272	70.750	ug/l	93
44) Trichloroethene	9.353	130	91400	52.393	ug/l	97
45) 1,2-Dichloropropane	9.618	63	98666	54.190	ug/l	98
46) Dibromomethane	9.706	93	68589	53.782	ug/l	99
47) Bromodichloromethane	9.888	83	152824	55.370	ug/l	97
48) Methyl methacrylate	9.682	41	111880	57.280	ug/l	98
49) 1,4-Dioxane	9.694	88	35797	1114.069	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	645061	287.840	ug/l	98
52) Toluene	10.629	92	248372	53.901	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	153430	54.843	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	161745	55.039	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	91325	53.088	ug/l	98
56) Ethyl methacrylate	10.876	69	154978	58.555	ug/l	96
57) 1,3-Dichloropropane	11.165	76	160620	54.326	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	314176	329.440	ug/l	97
59) 2-Hexanone	11.194	43	484844	292.470	ug/l	98
60) Dibromochloromethane	11.359	129	107933	56.063	ug/l	99
61) 1,2-Dibromoethane	11.470	107	92995	54.204	ug/l	98
64) Tetrachloroethene	11.100	164	77234	50.762	ug/l	97
65) Chlorobenzene	11.888	112	258778	50.891	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	92724	52.601	ug/l	98
67) Ethyl Benzene	11.965	91	486481	53.856	ug/l	98
68) m/p-Xylenes	12.070	106	360018	107.352	ug/l	98
69) o-Xylene	12.400	106	177365	54.632	ug/l	98
70) Styrene	12.412	104	297348	55.807	ug/l	99
71) Bromoform	12.582	173	68948	58.043	ug/l #	99
73) Isopropylbenzene	12.694	105	463364	51.446	ug/l	99
74) N-amyl acetate	12.494	43	209696	54.568	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	130573	49.340	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	113955m	48.510	ug/l	
77) Bromobenzene	12.976	156	104216	48.069	ug/l	99
78) n-propylbenzene	13.035	91	550980	52.577	ug/l	99
79) 2-Chlorotoluene	13.123	91	333983	49.973	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	394325	51.928	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	47836	53.334	ug/l	87
82) 4-Chlorotoluene	13.223	91	339883	50.677	ug/l	100
83) tert-Butylbenzene	13.435	119	348498	52.456	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	400930	52.561	ug/l	100
85) sec-Butylbenzene	13.617	105	473533	53.744	ug/l	99
86) p-Isopropyltoluene	13.729	119	398051	53.893	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	197047	48.158	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	196222	47.361	ug/l	99
89) n-Butylbenzene	14.053	91	344110	51.891	ug/l	99
90) Hexachloroethane	14.335	117	76196	51.321	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	196350	49.724	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28797	54.588	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	104117	49.134	ug/l	97
94) Hexachlorobutadiene	15.500	225	43330	48.150	ug/l	97
95) Naphthalene	15.641	128	338814	52.555	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	99451	49.108	ug/l	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

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

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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

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ClientSampleId :

VSTDCCC050

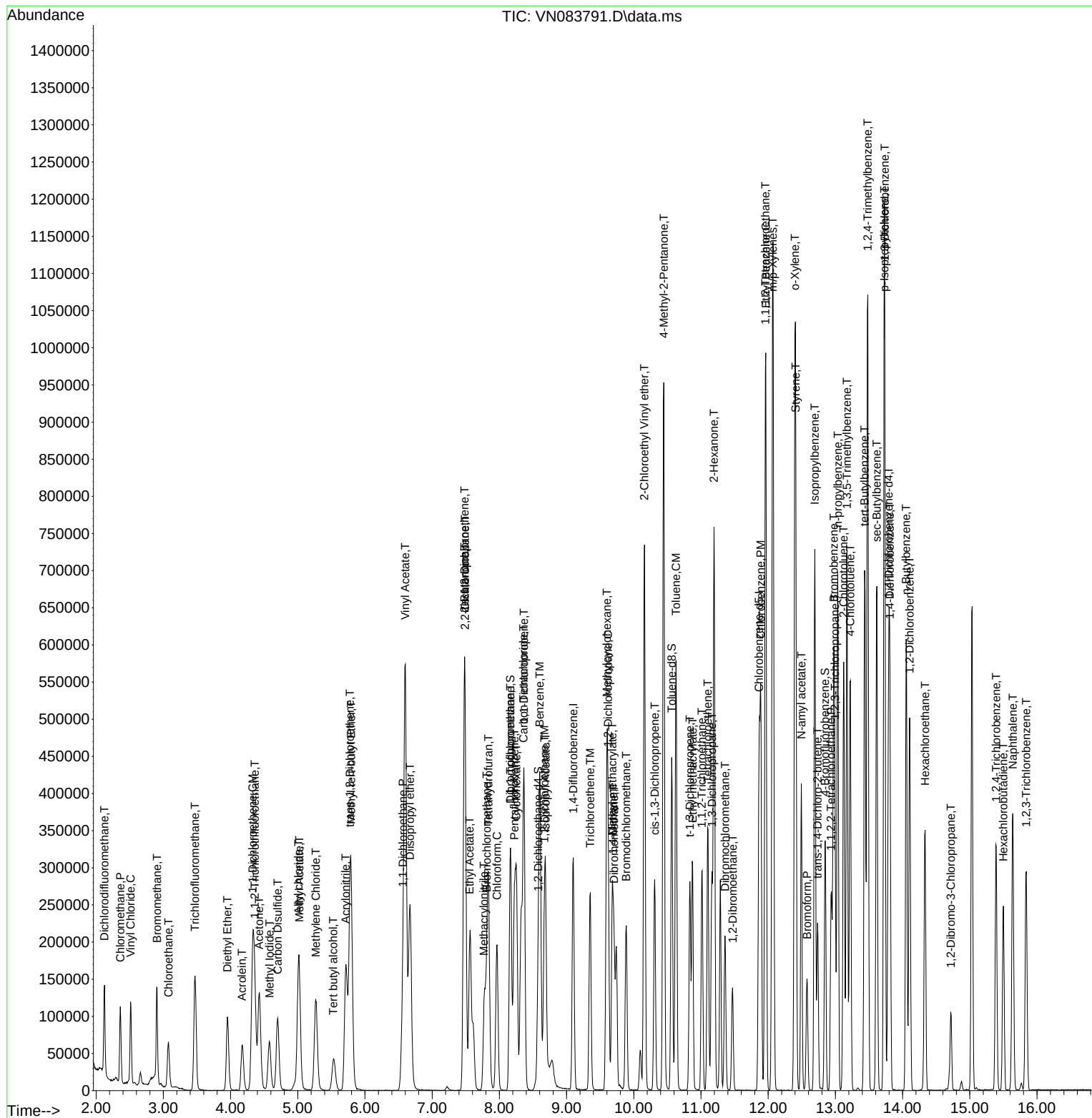
Manual Integrations

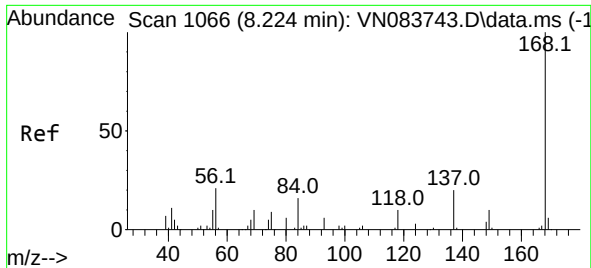
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

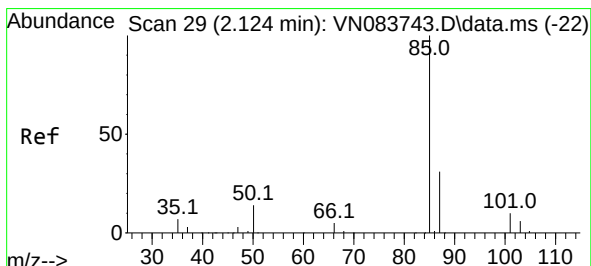
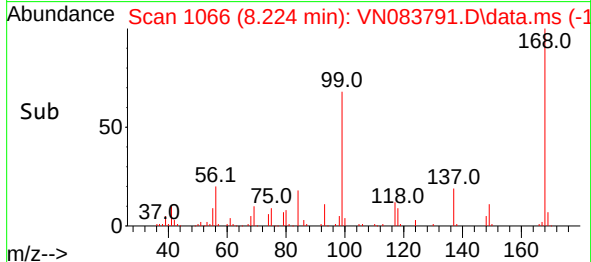
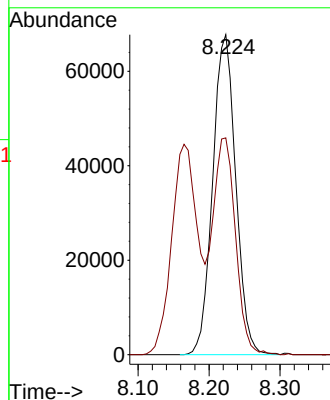
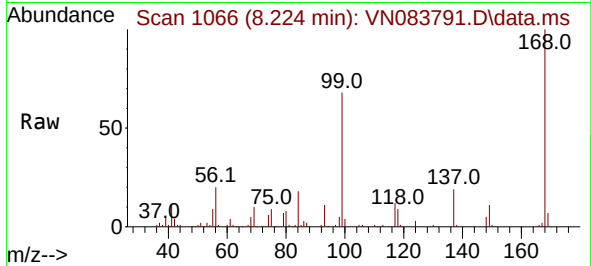
VSTDCCC050

Tgt Ion:168 Resp: 152640
Ion Ratio Lower Upper
168 100
99 67.7 54.2 81.2

Manual Integrations

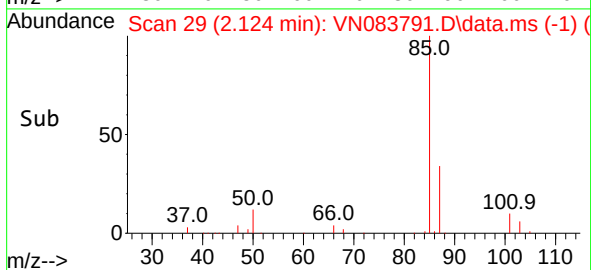
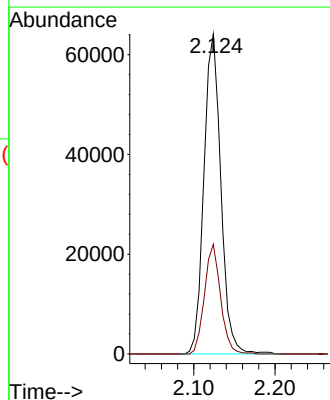
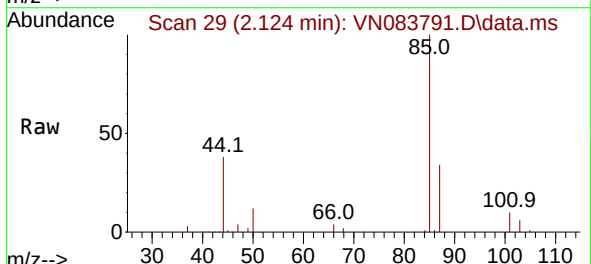
APPROVED

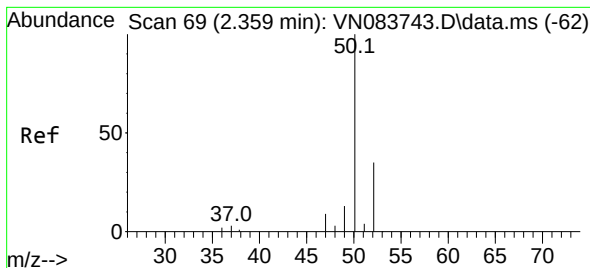
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#2
Dichlorodifluoromethane
Concen: 52.380 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Tgt Ion: 85 Resp: 92853
Ion Ratio Lower Upper
85 100
87 34.3 15.7 47.0





#3

Chloromethane

Concen: 53.426 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083791.D

Acq: 11 Sep 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 9648

Ion Ratio Lower Upper

50 100

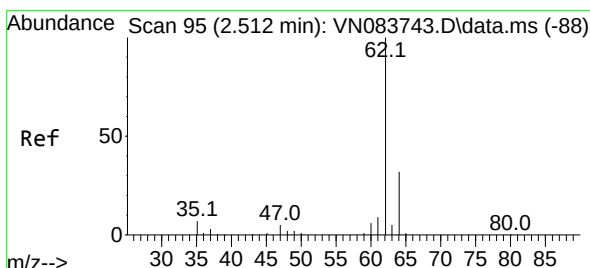
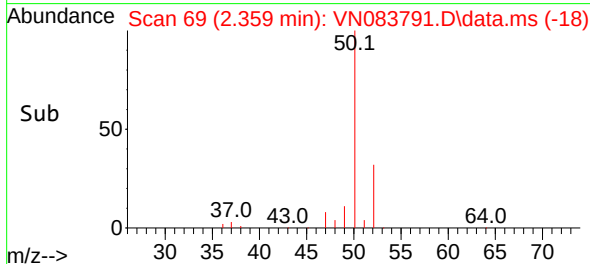
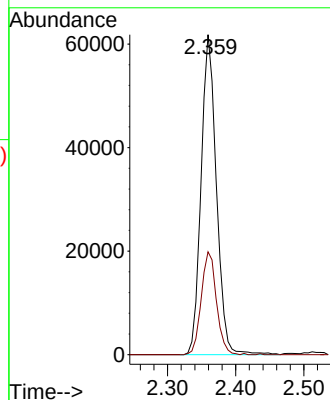
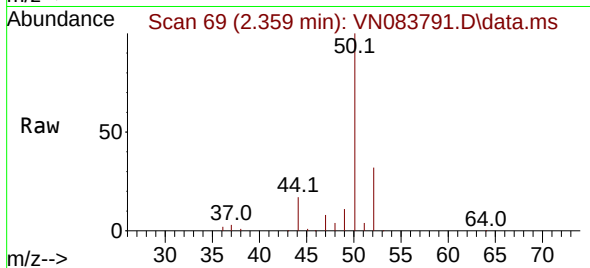
52 32.2 27.2 40.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.667 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN083791.D

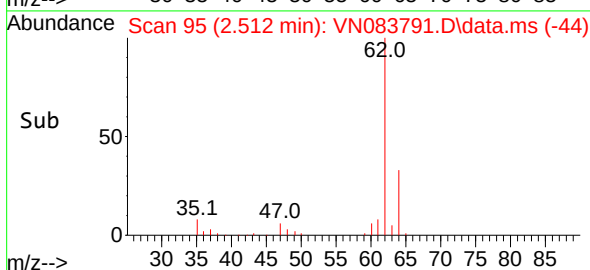
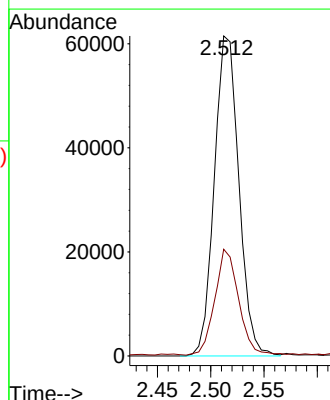
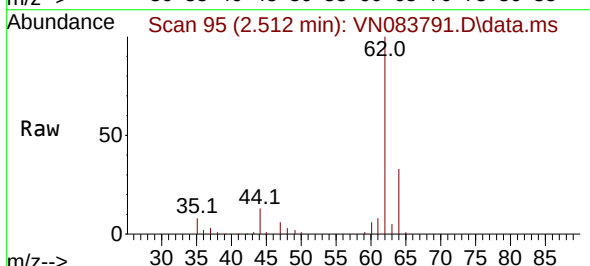
Acq: 11 Sep 2024 12:59

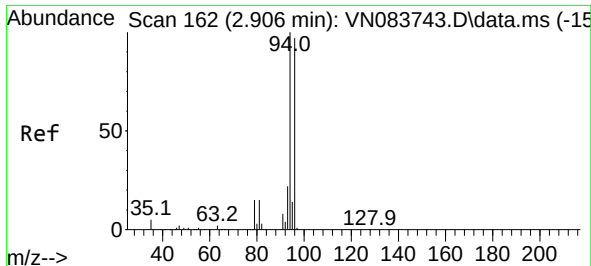
Tgt Ion: 62 Resp: 98446

Ion Ratio Lower Upper

62 100

64 33.0 24.7 37.1





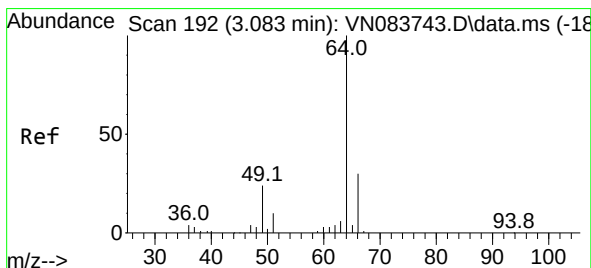
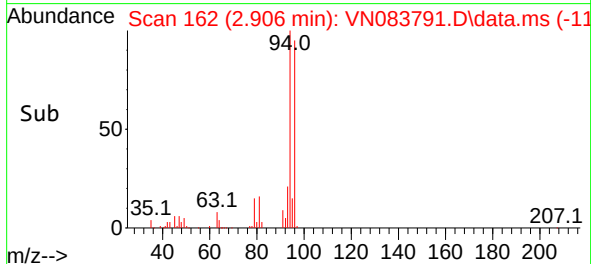
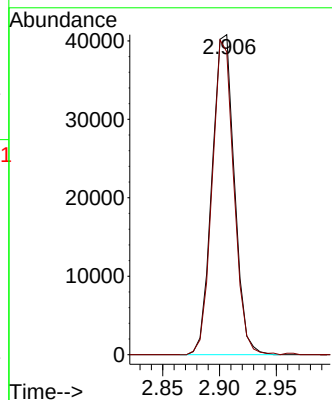
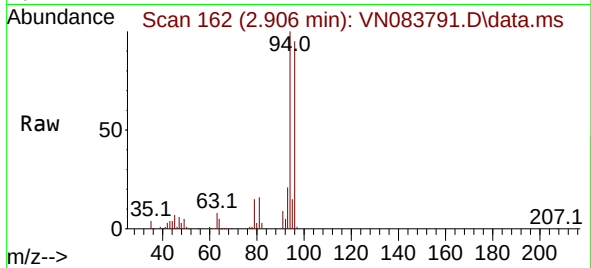
#5
Bromomethane
Concen: 50.023 ug/l
RT: 2.906 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 5580
Ion Ratio Lower Upper
94 100
96 94.6 76.0 114.0

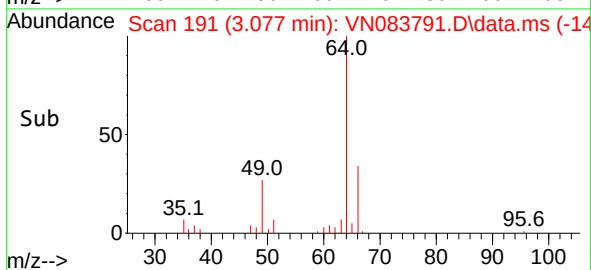
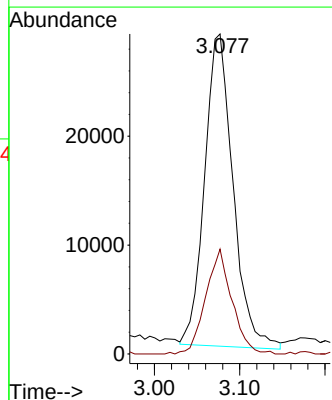
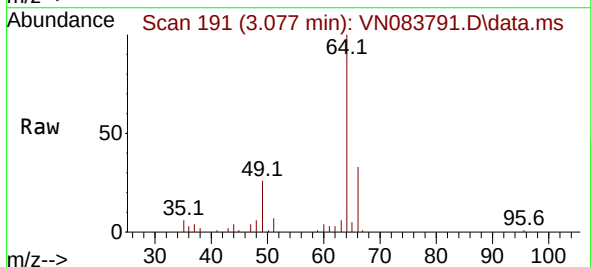
Manual Integrations
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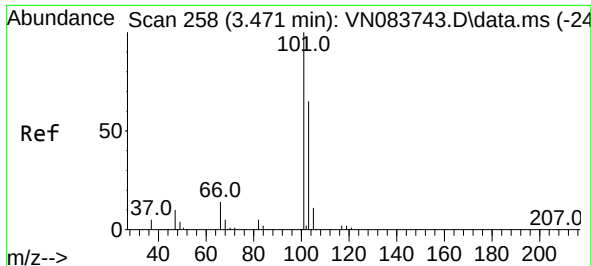
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#6
Chloroethane
Concen: 48.719 ug/l
RT: 3.077 min Scan# 191
Delta R.T. -0.006 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Tgt Ion: 64 Resp: 66402
Ion Ratio Lower Upper
64 100
66 33.9 23.9 35.9





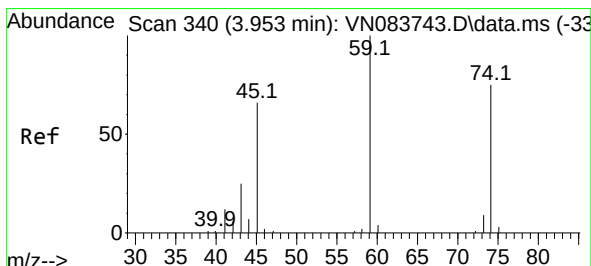
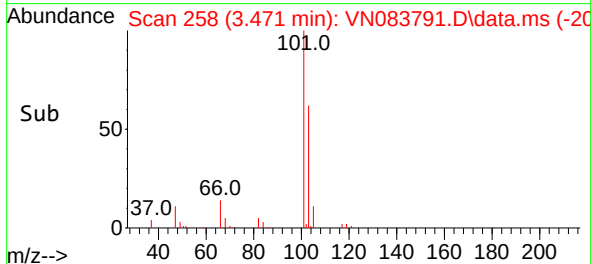
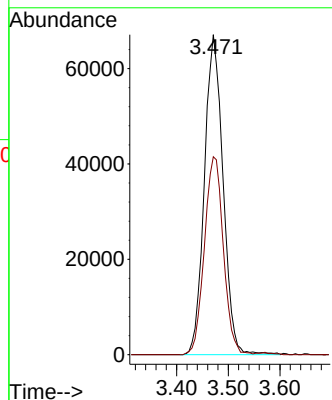
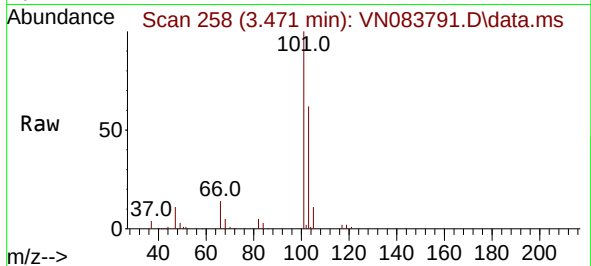
#7
Trichlorofluoromethane
Concen: 50.999 ug/l
RT: 3.471 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 168204
Ion Ratio Lower Upper
101 100
103 61.9 51.4 77.0

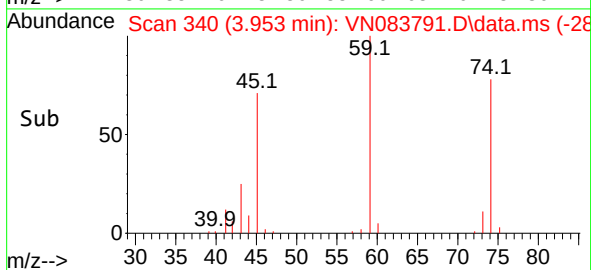
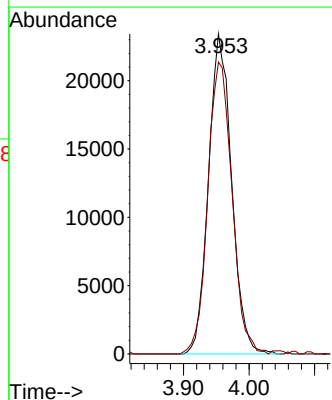
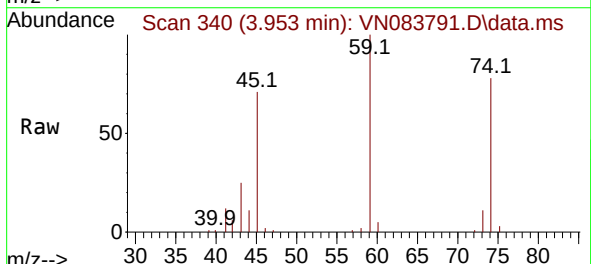
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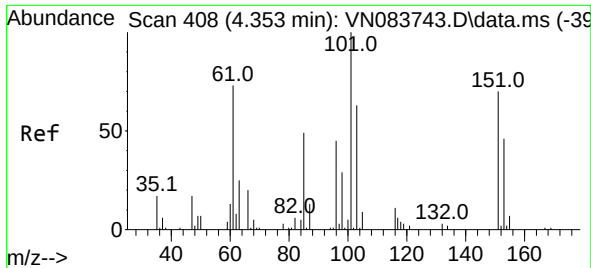
Reviewed By :John Carlone 09/12/2024
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#8
Diethyl Ether
Concen: 51.923 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Tgt Ion: 74 Resp: 57405
Ion Ratio Lower Upper
74 100
45 95.5 46.7 140.1





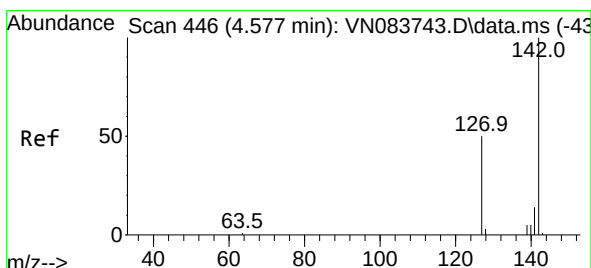
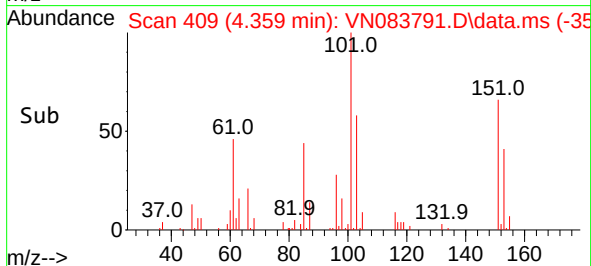
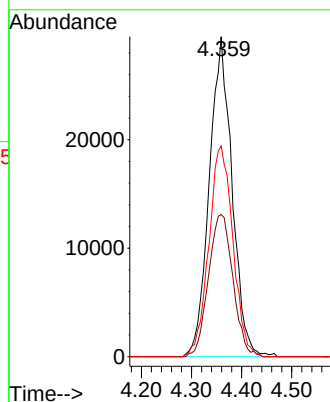
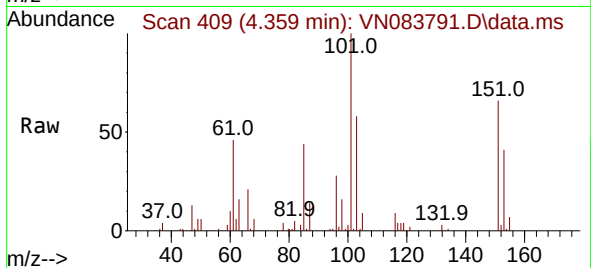
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.219 ug/l
RT: 4.359 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 93036
Ion Ratio Lower Upper
101 100
85 47.7 36.2 54.4
151 69.6 57.7 86.5

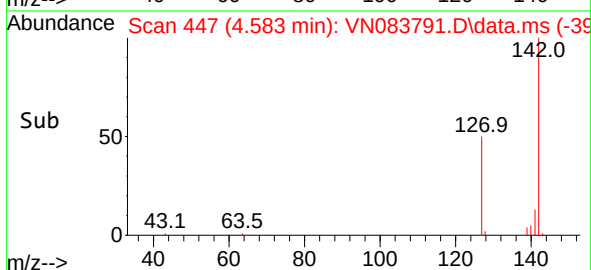
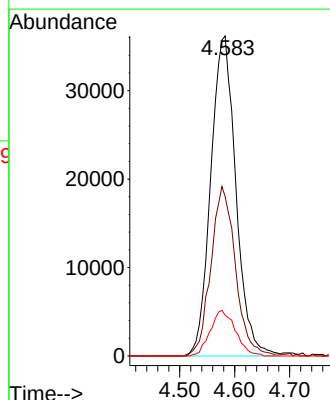
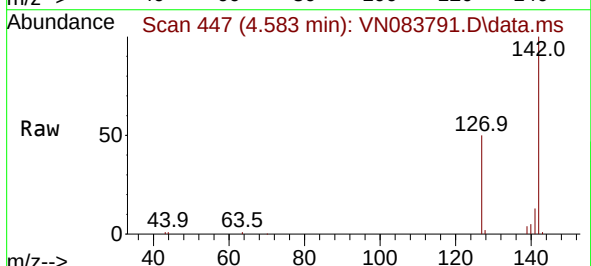
Manual Integrations
APPROVED

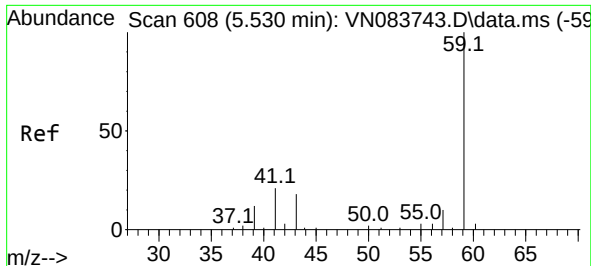
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#10
Methyl Iodide
Concen: 51.680 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

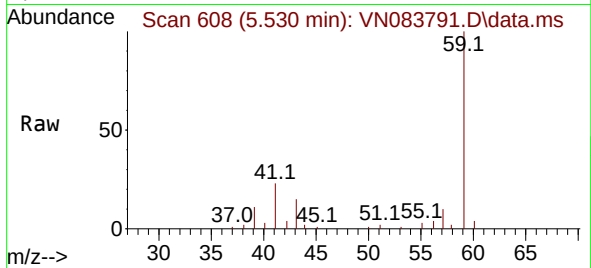
Tgt Ion:142 Resp: 114902
Ion Ratio Lower Upper
142 100
127 49.8 37.5 56.3
141 12.7 11.0 16.4





#11
Tert butyl alcohol
Concen: 267.118 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

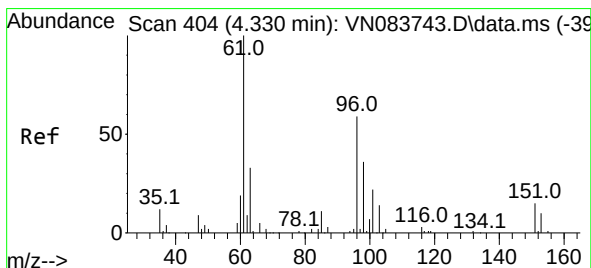
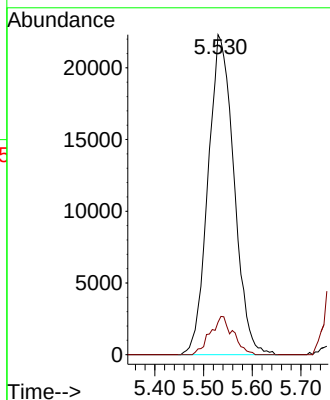
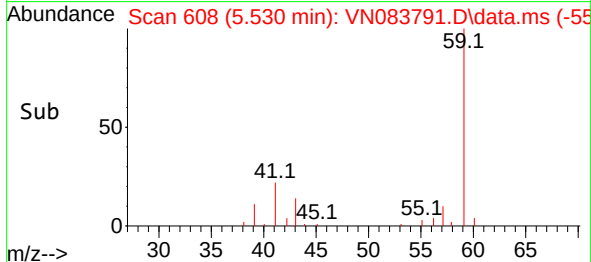
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



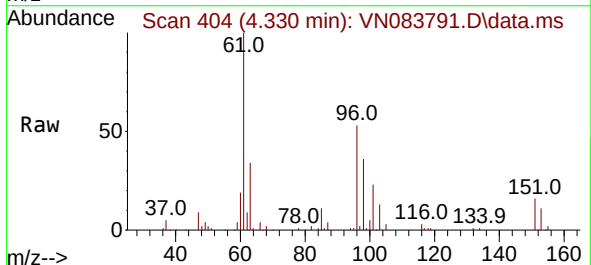
Tgt Ion: 59 Resp: 82327
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

Manual Integrations
APPROVED

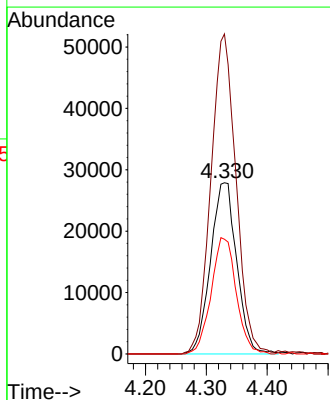
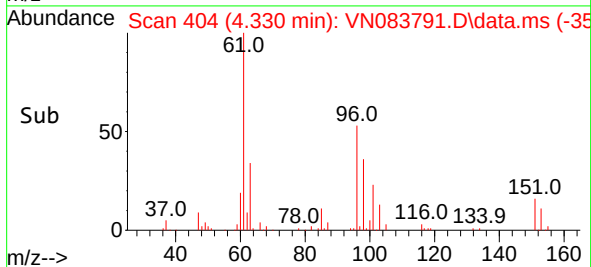
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

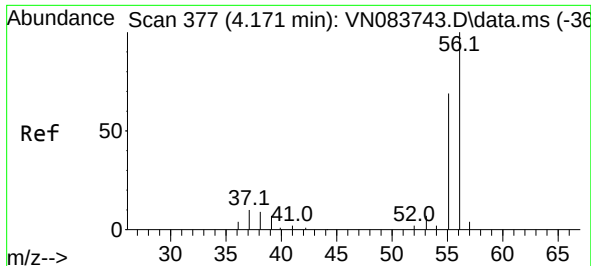


#12
1,1-Dichloroethene
Concen: 50.448 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59



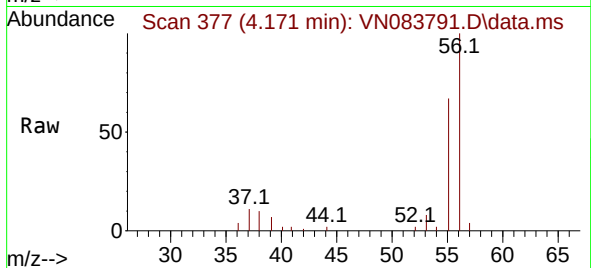
Tgt Ion: 96 Resp: 83287
Ion Ratio Lower Upper
96 100
61 187.0 143.4 215.0
98 67.0 52.7 79.1





#13
Acrolein
Concen: 253.706 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

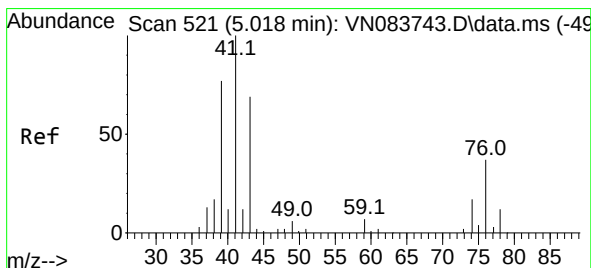
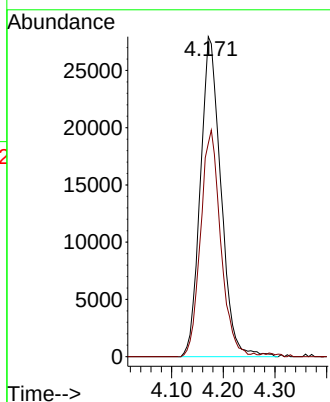
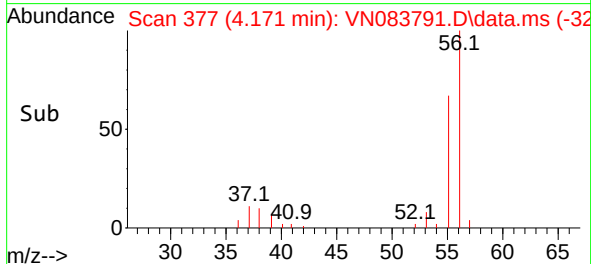
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



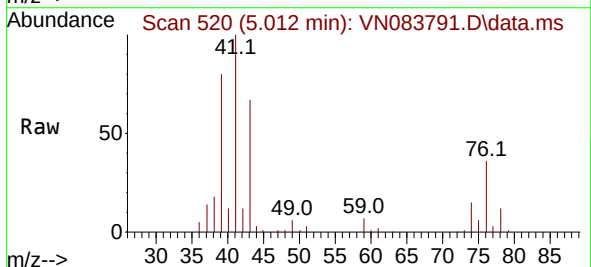
Tgt Ion: 56 Resp: 7715
Ion Ratio Lower Upper
56 100
55 69.2 58.2 87.2

Manual Integrations
APPROVED

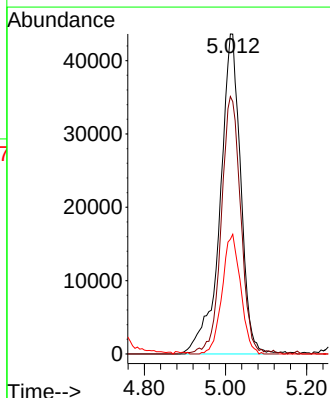
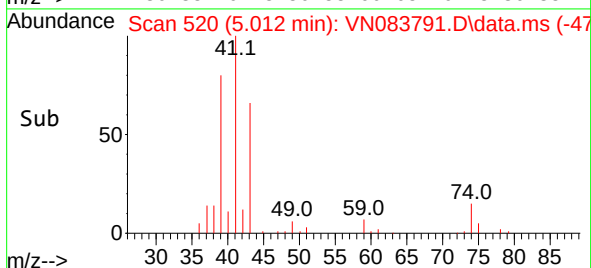
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

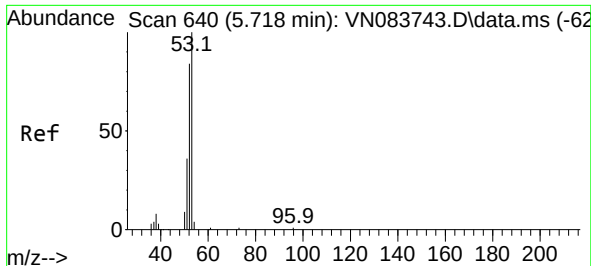


#14
Allyl chloride
Concen: 52.436 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59



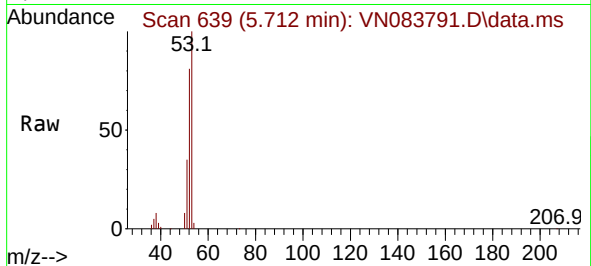
Tgt Ion: 41 Resp: 154256
Ion Ratio Lower Upper
41 100
39 75.6 59.3 88.9
76 33.6 27.7 41.5





#15
Acrylonitrile
Concen: 263.967 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

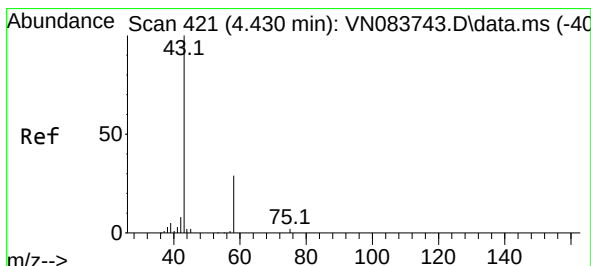
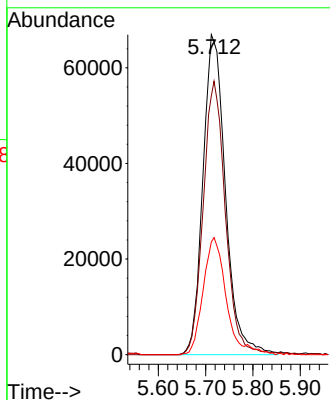
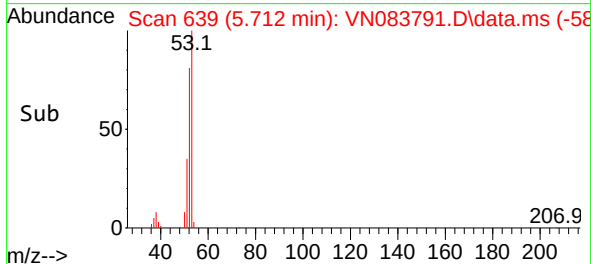
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 221249
Ion Ratio Lower Upper
53 100
52 84.5 66.1 99.1
51 37.5 29.6 44.4

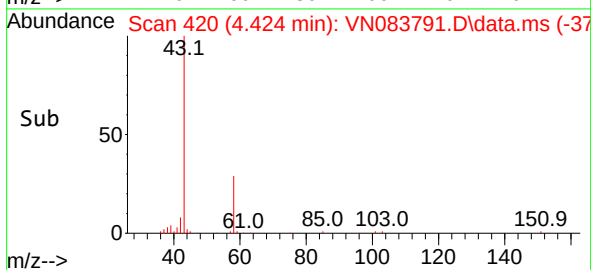
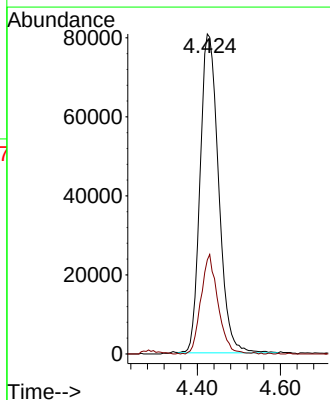
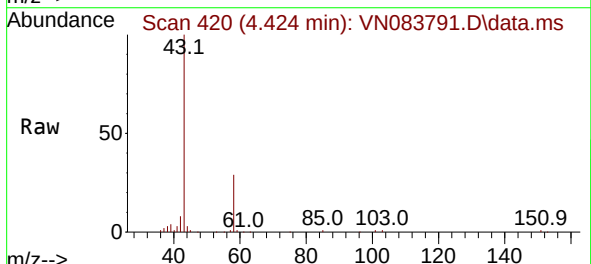
Manual Integrations
APPROVED

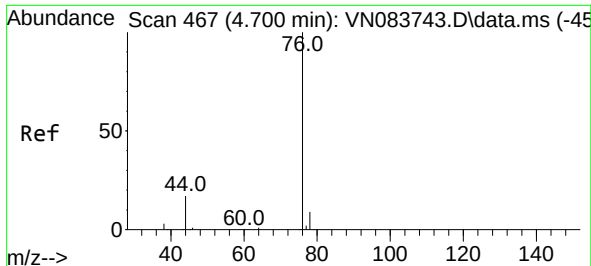
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#16
Acetone
Concen: 269.645 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

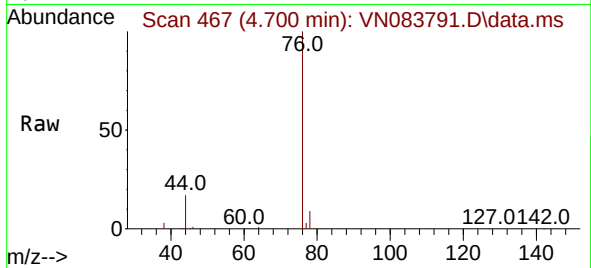
Tgt Ion: 43 Resp: 248789
Ion Ratio Lower Upper
43 100
58 29.3 23.7 35.5





#17
Carbon Disulfide
Concen: 47.389 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

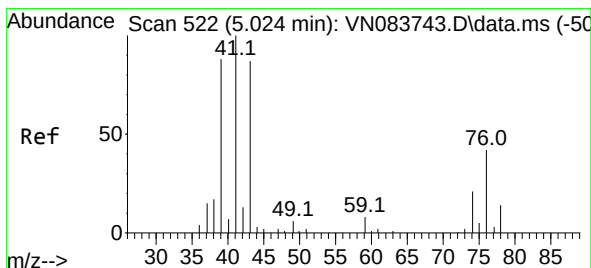
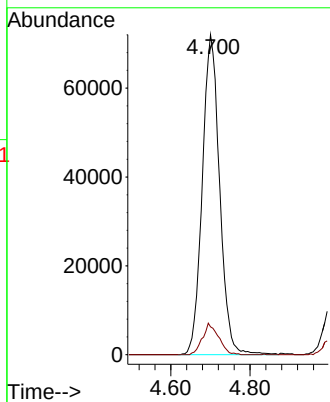
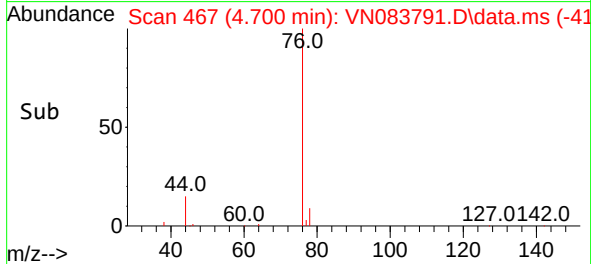
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



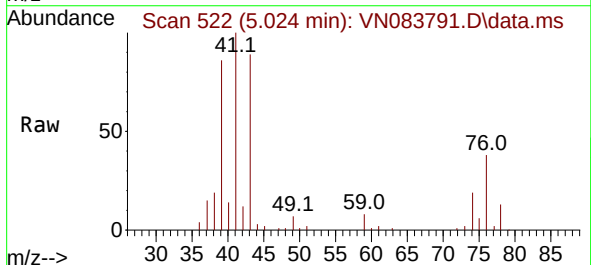
Tgt Ion: 76 Resp: 21885
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

Manual Integrations
APPROVED

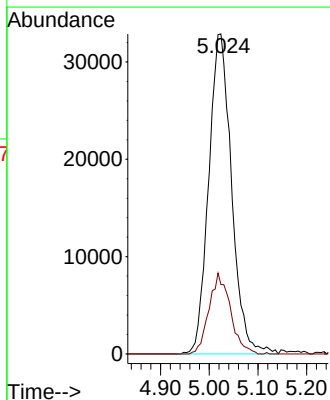
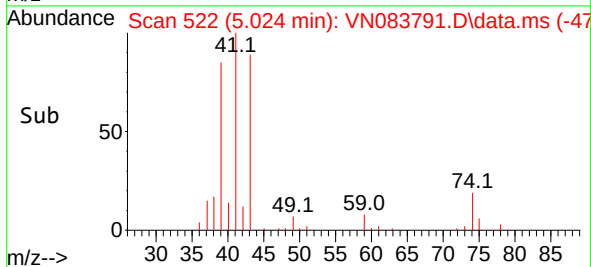
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

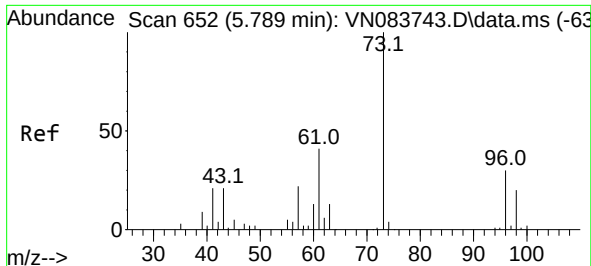


#18
Methyl Acetate
Concen: 56.072 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59



Tgt Ion: 43 Resp: 107359
Ion Ratio Lower Upper
43 100
74 23.6 19.0 28.4





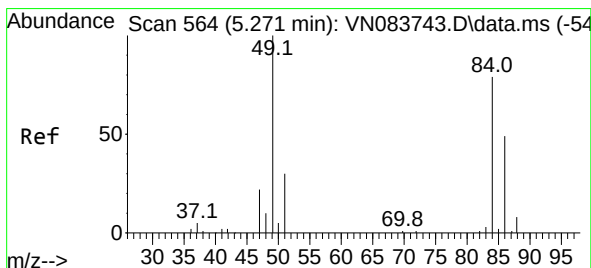
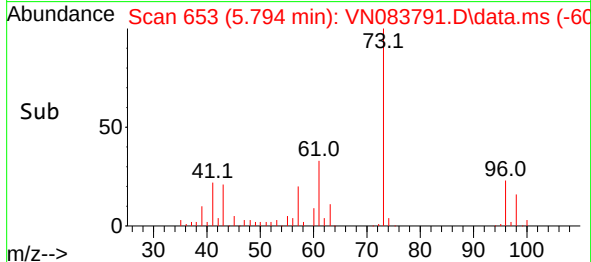
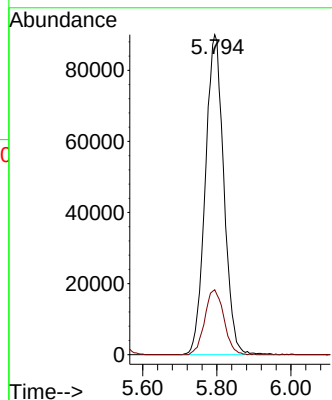
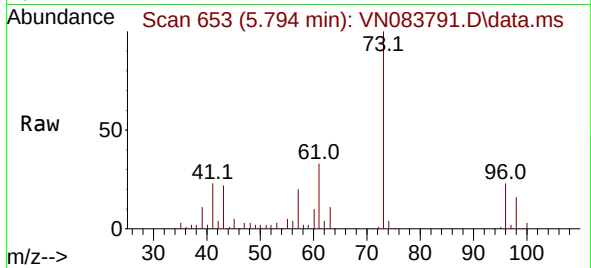
#19
Methyl tert-butyl Ether
Concen: 52.089 ug/l
RT: 5.794 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 311194
Ion Ratio Lower Upper
73 100
57 20.3 17.0 25.6

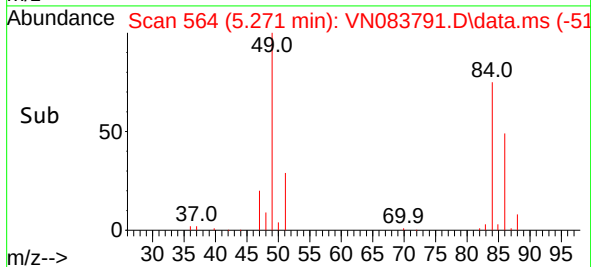
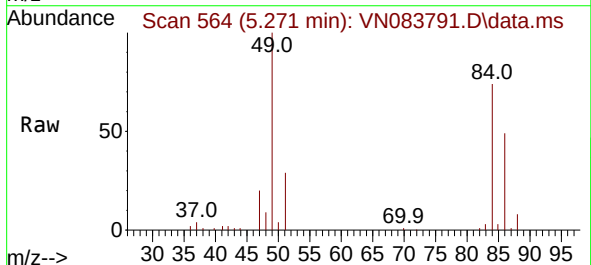
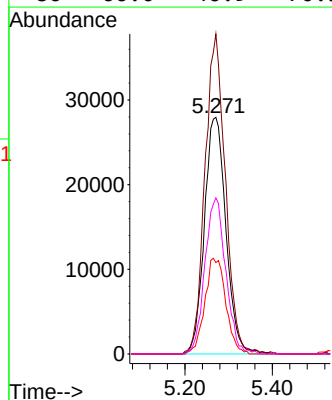
Manual Integrations
APPROVED

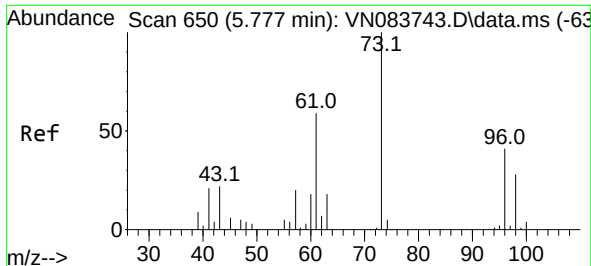
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#20
Methylene Chloride
Concen: 50.788 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

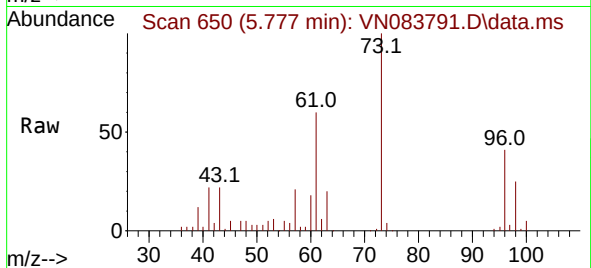
Tgt Ion: 84 Resp: 95892
Ion Ratio Lower Upper
84 100
49 135.3 93.4 140.0
51 38.6 29.2 43.8
86 66.0 46.9 70.3





#21
trans-1,2-Dichloroethene
Concen: 48.855 ug/l
RT: 5.777 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

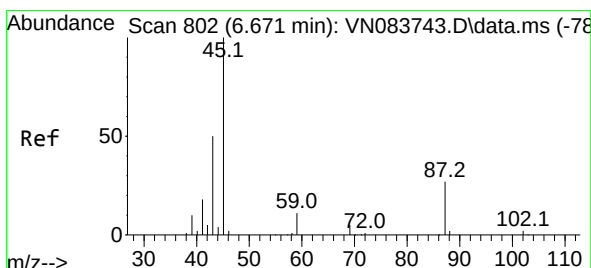
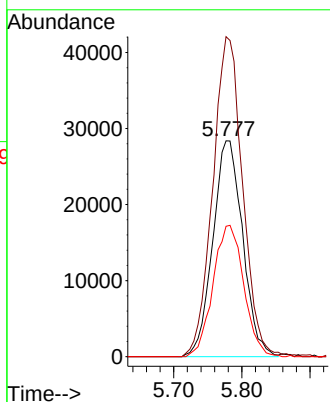
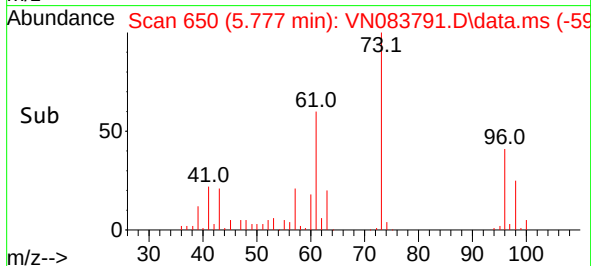
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 86440
Ion Ratio Lower Upper
96 100
61 148.3 106.0 159.0
98 60.4 52.2 78.2

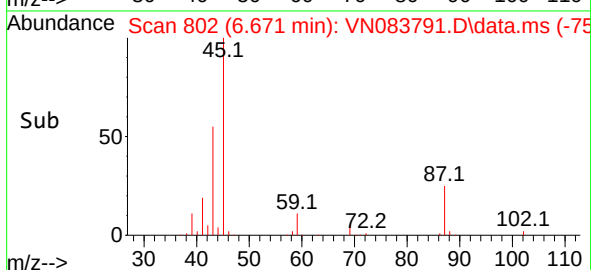
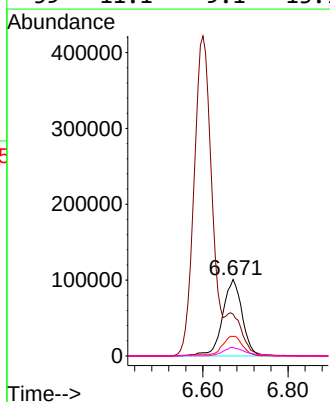
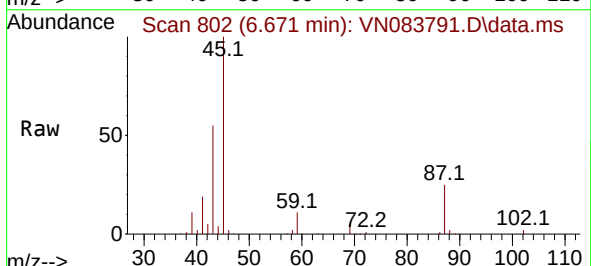
Manual Integrations
APPROVED

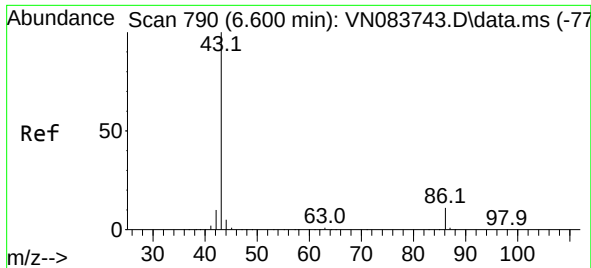
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#22
Diisopropyl ether
Concen: 53.200 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Tgt Ion: 45 Resp: 322165
Ion Ratio Lower Upper
45 100
43 53.7 43.4 65.0
87 25.5 22.6 33.8
59 11.1 9.1 13.7





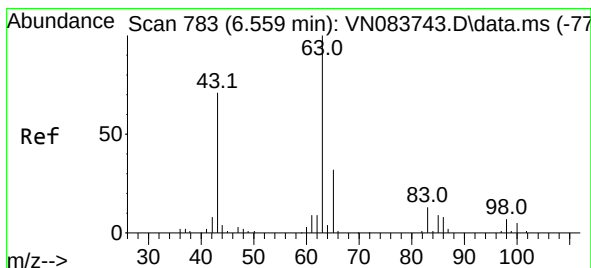
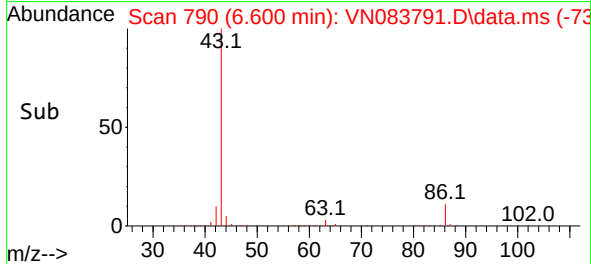
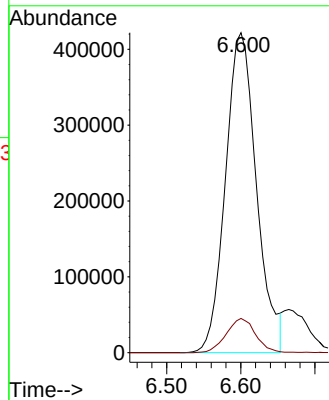
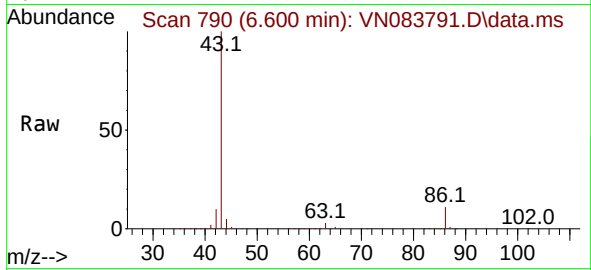
#23
 Vinyl Acetate
 Concen: 276.919 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN083791.D
 Acq: 11 Sep 2024 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1228060
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.7 13.1

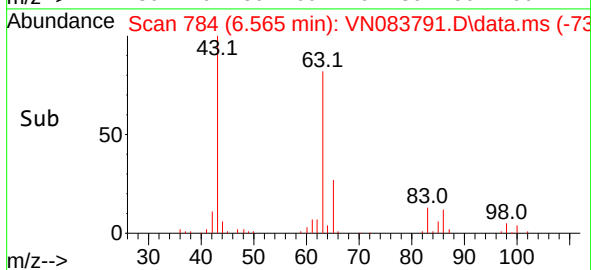
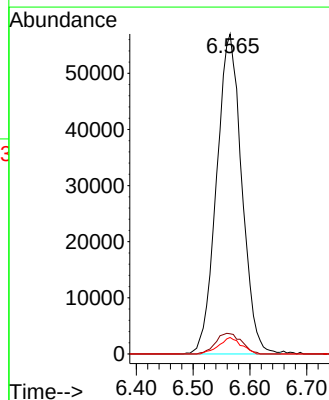
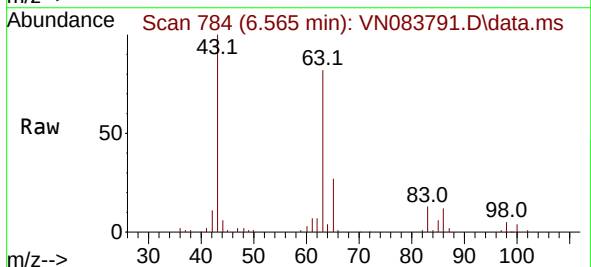
Manual Integrations
 APPROVED

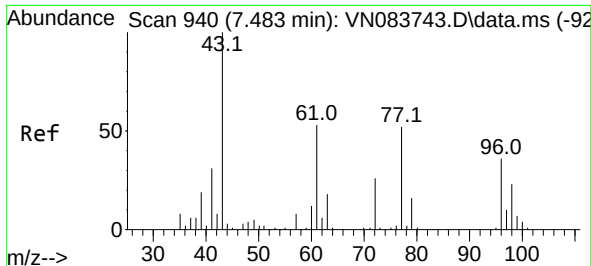
Reviewed By :John Carlone 09/12/2024
 Supervised By :Mahesh Dadoda 09/12/2024



#24
 1,1-Dichloroethane
 Concen: 50.268 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.006 min
 Lab File: VN083791.D
 Acq: 11 Sep 2024 12:59

Tgt Ion: 63 Resp: 175379
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.4
 100 5.1 2.5 7.5





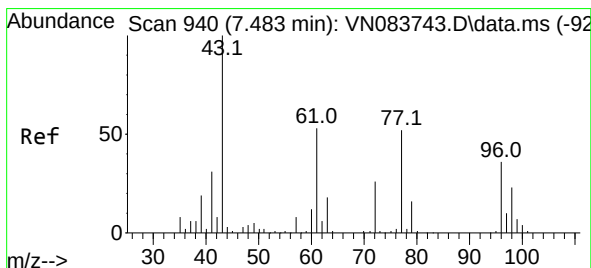
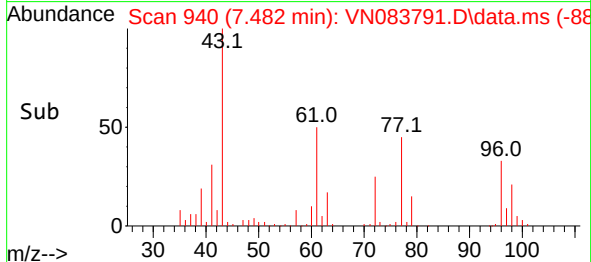
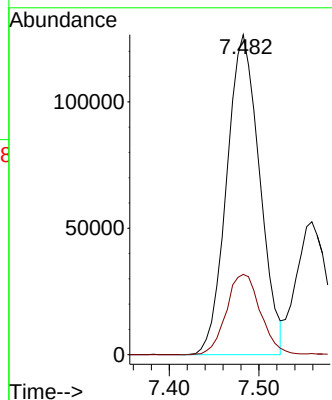
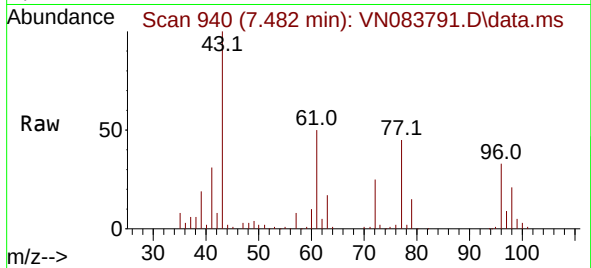
#25
2-Butanone
Concen: 265.951 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 322514
Ion Ratio Lower Upper
43 100
72 25.1 20.8 31.2

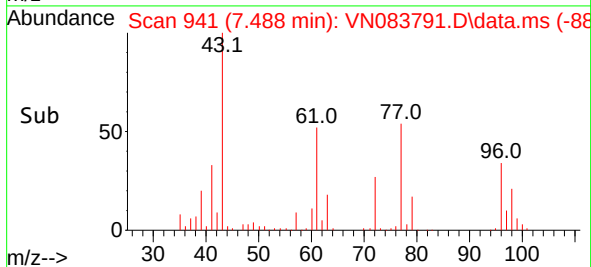
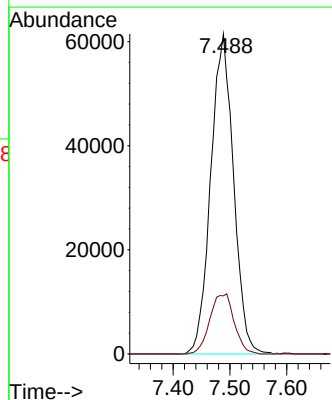
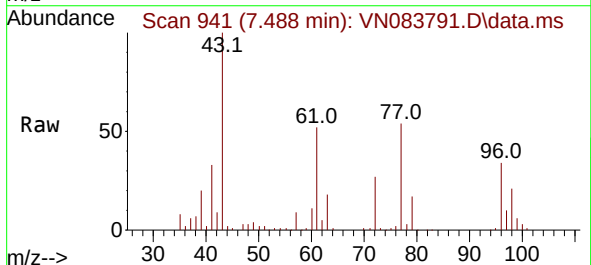
Manual Integrations
APPROVED

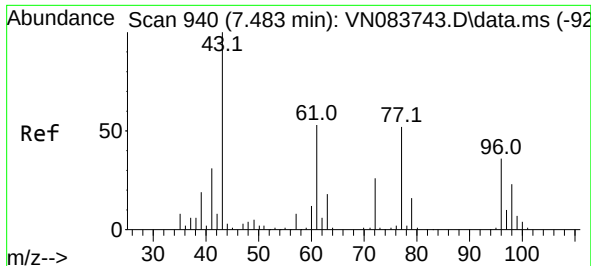
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#26
2,2-Dichloropropane
Concen: 53.219 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

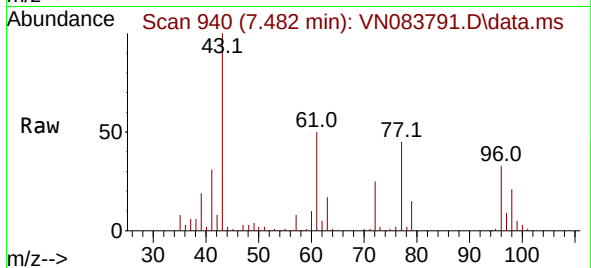
Tgt Ion: 77 Resp: 170992
Ion Ratio Lower Upper
77 100
97 20.0 10.2 30.4





#27
 cis-1,2-Dichloroethene
 Concen: 51.241 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN083791.D
 Acq: 11 Sep 2024 12:59

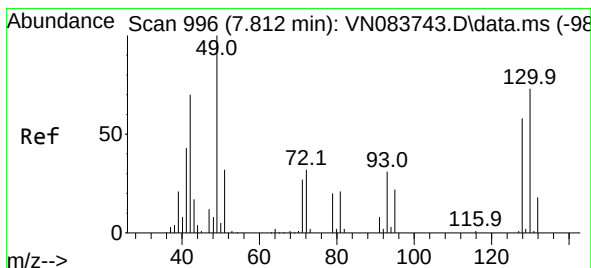
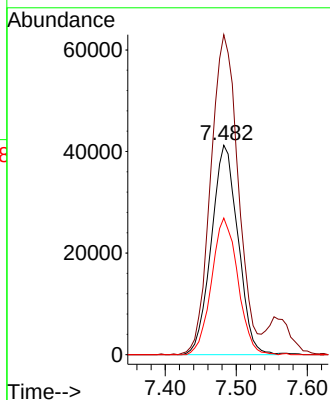
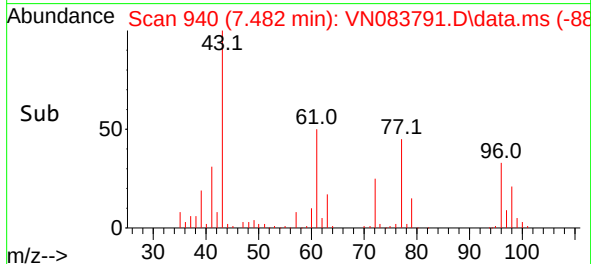
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 107623
 Ion Ratio Lower Upper
 96 100
 61 158.1 0.0 306.2
 98 64.1 0.0 128.6

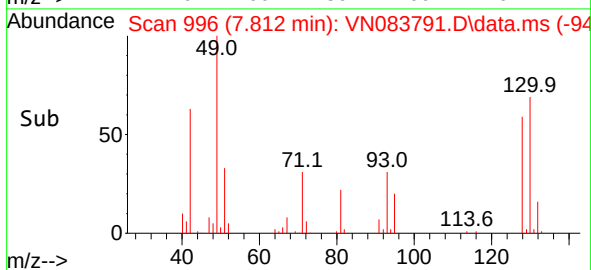
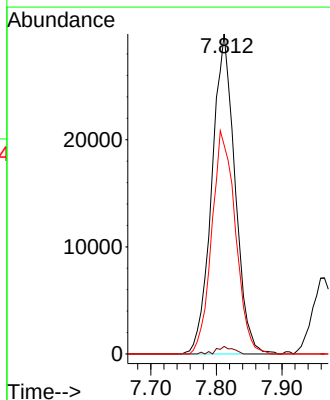
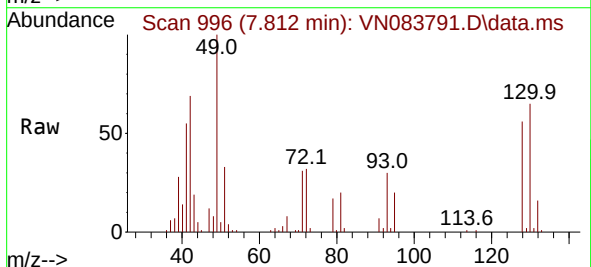
Manual Integrations
 APPROVED

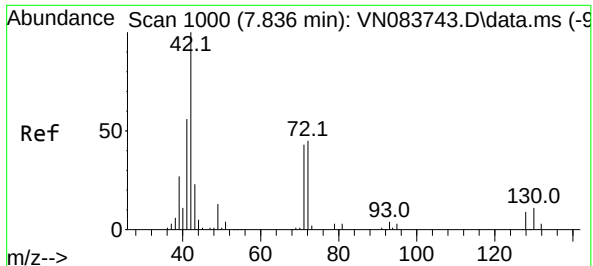
Reviewed By :John Carlone 09/12/2024
 Supervised By :Mahesh Dadoda 09/12/2024



#28
 Bromochloromethane
 Concen: 49.768 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN083791.D
 Acq: 11 Sep 2024 12:59

Tgt Ion: 49 Resp: 73121
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.4
 130 71.3 60.2 90.2





#29

Tetrahydrofuran

Concen: 273.716 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN083791.D

Acq: 11 Sep 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 196268

Ion Ratio Lower Upper

42 100

72 44.1 35.9 53.9

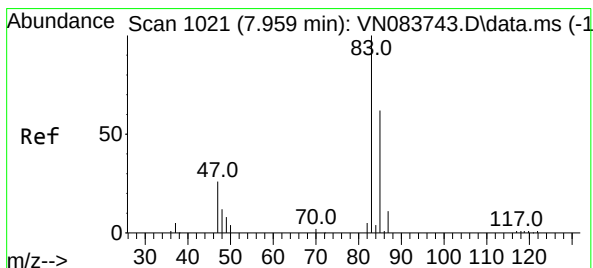
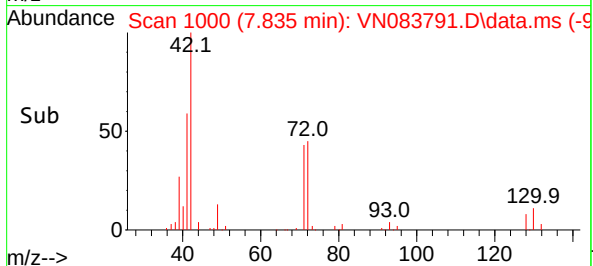
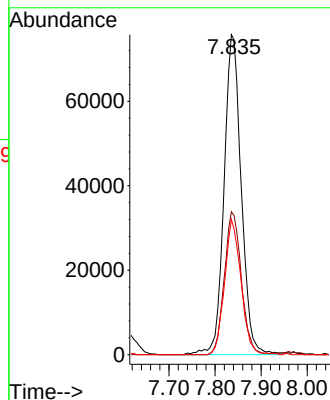
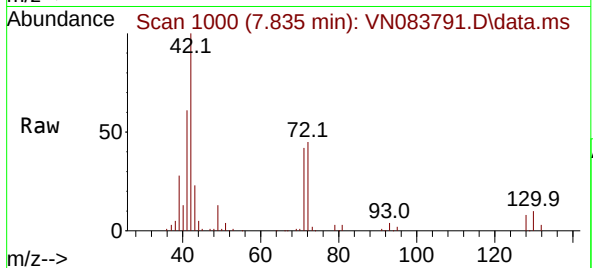
71 40.3 33.9 50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2024

Supervised By :Mahesh Dadoda 09/12/2024



#30

Chloroform

Concen: 50.756 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN083791.D

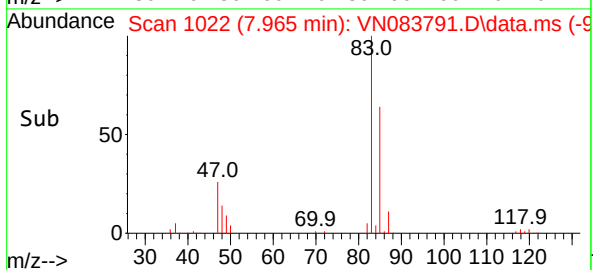
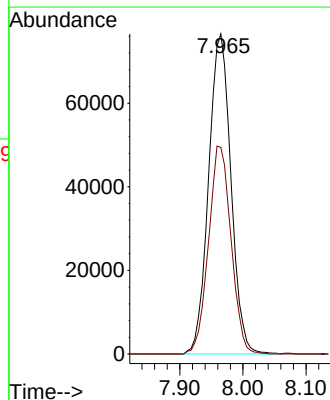
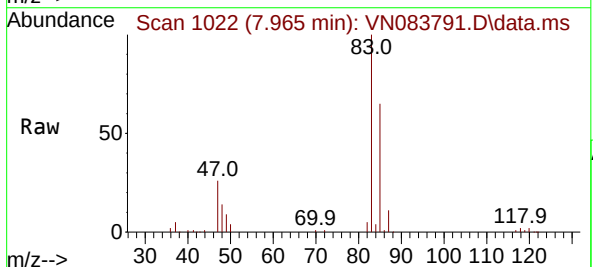
Acq: 11 Sep 2024 12:59

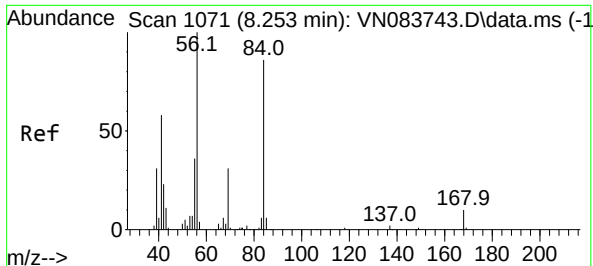
Tgt Ion: 83 Resp: 187996

Ion Ratio Lower Upper

83 100

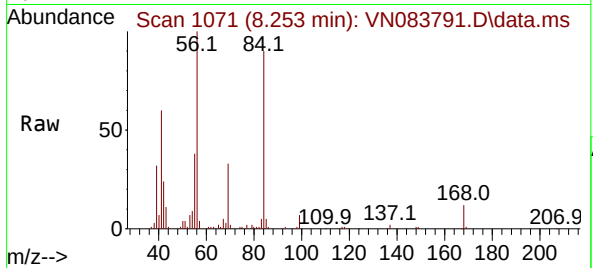
85 64.5 52.8 79.2





#31
Cyclohexane
Concen: 46.943 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

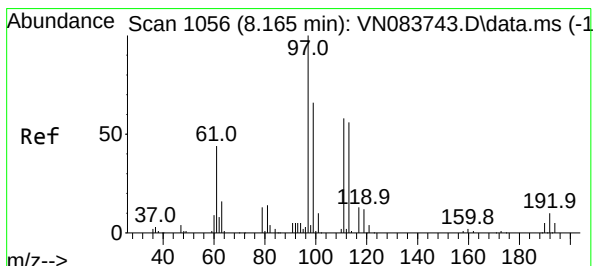
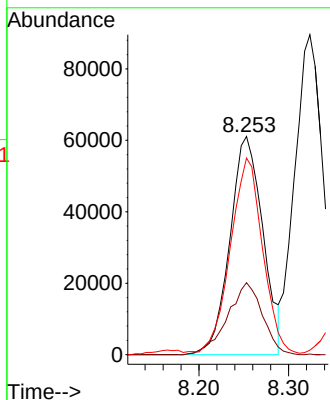
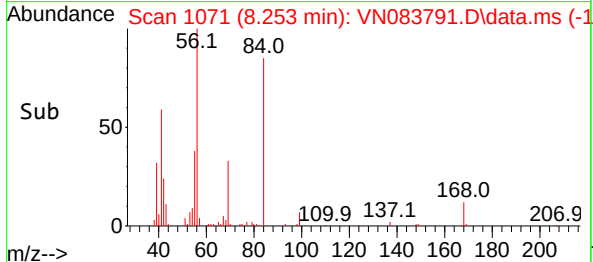
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



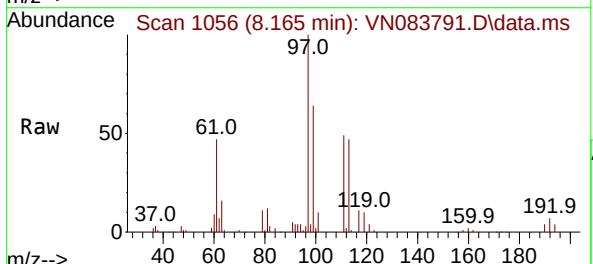
Tgt Ion: 56 Resp: 156154
Ion Ratio Lower Upper
56 100
69 33.0 26.9 40.3
84 88.0 69.2 103.8

Manual Integrations
APPROVED

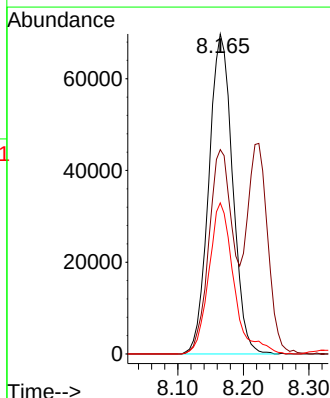
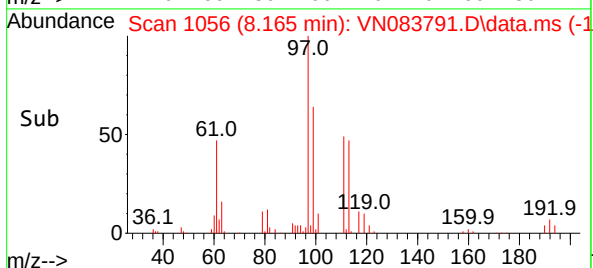
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

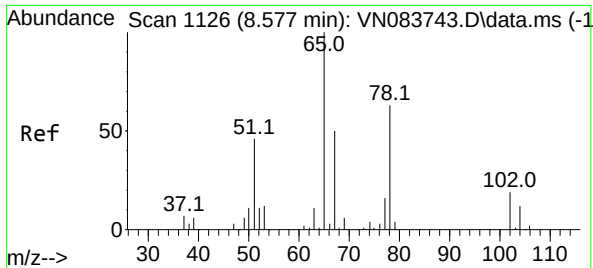


#32
1,1,1-Trichloroethane
Concen: 51.509 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59



Tgt Ion: 97 Resp: 175429
Ion Ratio Lower Upper
97 100
99 64.8 52.3 78.5
61 49.7 38.2 57.2





#33
1,2-Dichloroethane-d4
Concen: 49.106 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

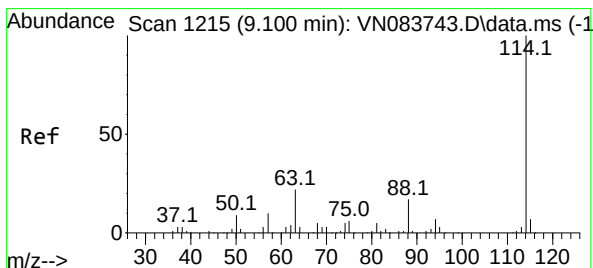
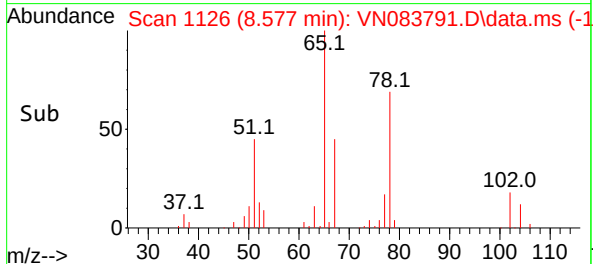
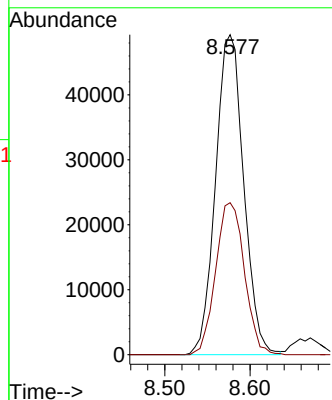
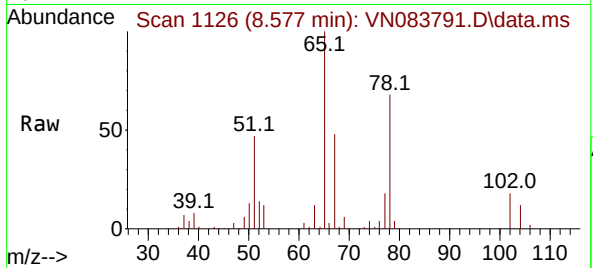
VSTDCCC050

Tgt Ion: 65 Resp: 11302
Ion Ratio Lower Upper
65 100
67 48.5 0.0 100.8

Manual Integrations

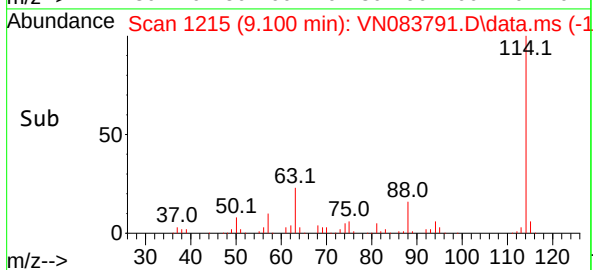
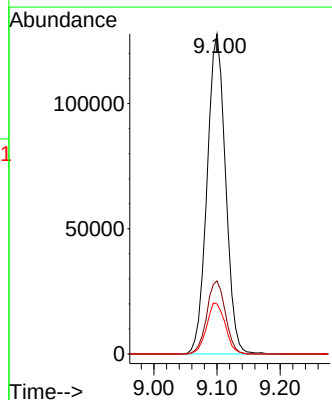
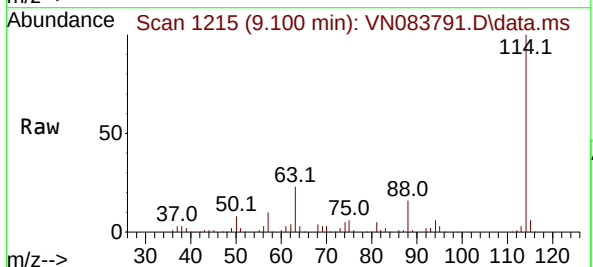
APPROVED

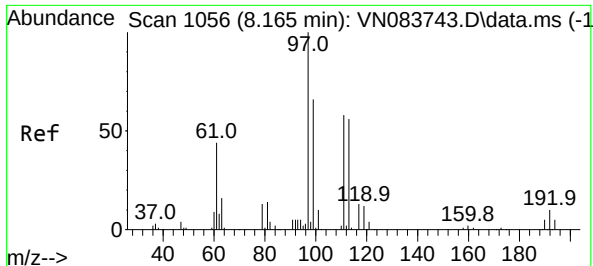
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

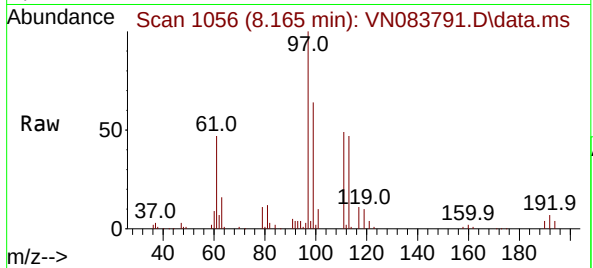
Tgt Ion:114 Resp: 259748
Ion Ratio Lower Upper
114 100
63 22.8 0.0 43.4
88 15.6 0.0 32.6





#35
Dibromofluoromethane
Concen: 48.184 ug/l
RT: 8.165 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

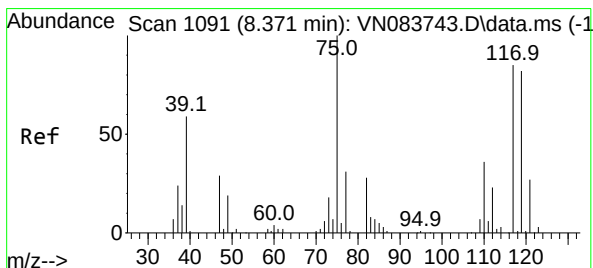
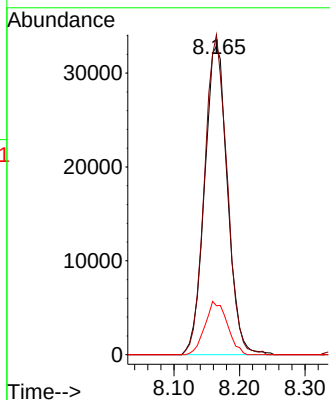
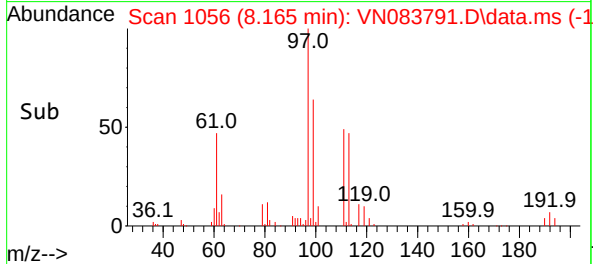
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



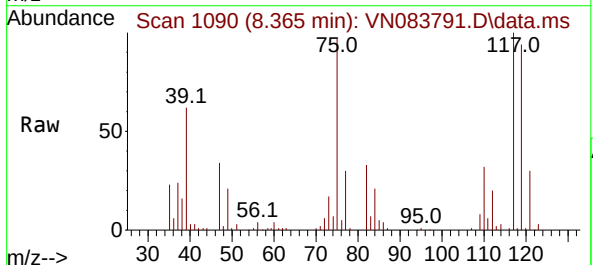
Tgt Ion: 113 Resp: 80124
Ion Ratio Lower Upper
113 100
111 101.3 82.6 124.0
192 16.8 14.3 21.5

Manual Integrations
APPROVED

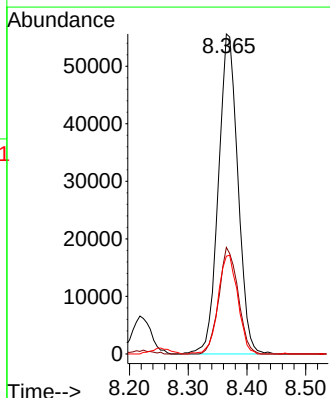
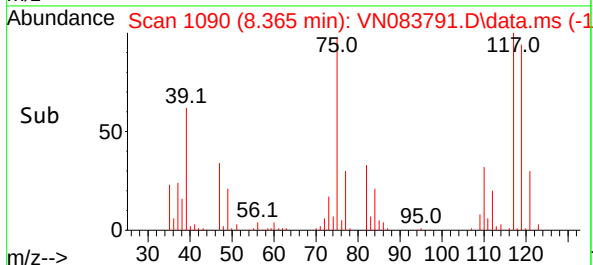
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

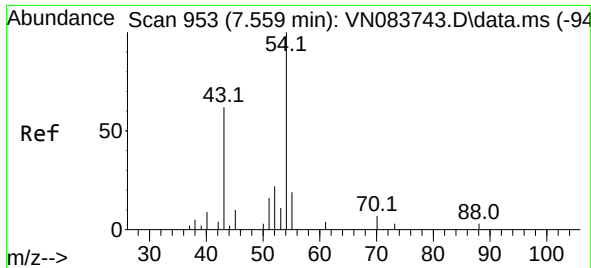


#36
1,1-Dichloropropene
Concen: 51.229 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59



Tgt Ion: 75 Resp: 128219
Ion Ratio Lower Upper
75 100
110 32.9 16.7 50.1
77 31.2 25.2 37.8





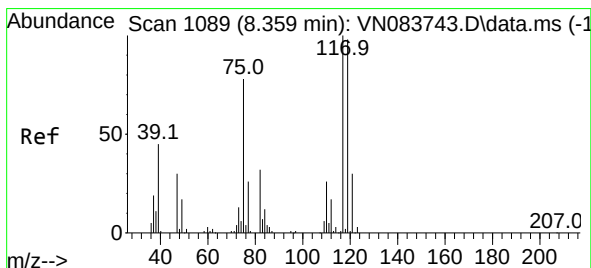
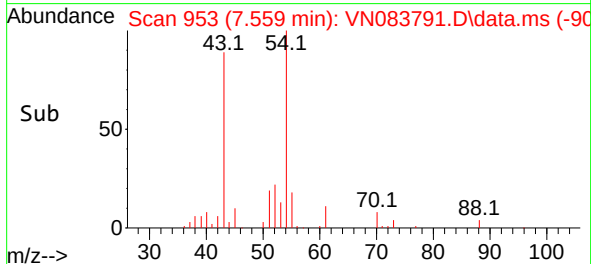
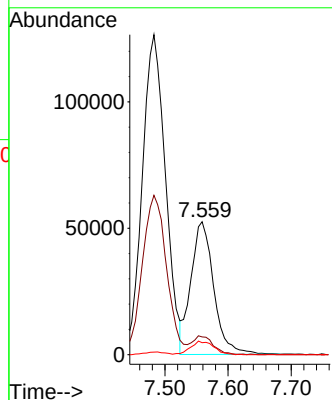
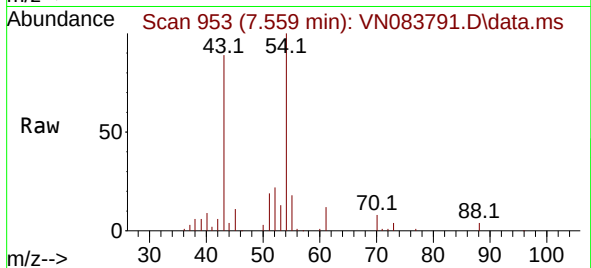
#37
Ethyl Acetate
Concen: 58.242 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 13231
Ion Ratio Lower Upper
43 100
61 12.8 11.1 16.7
70 10.3 8.8 13.2

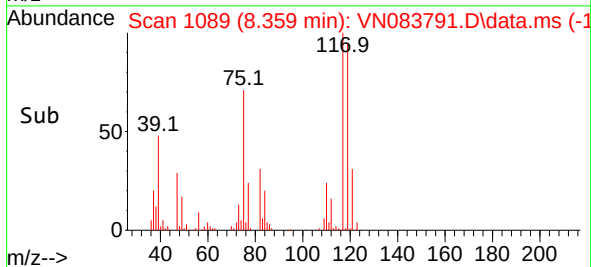
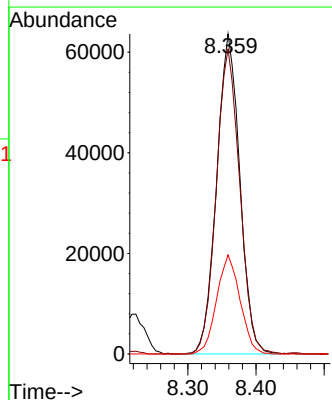
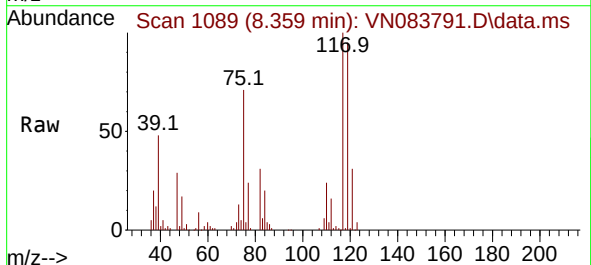
Manual Integrations
APPROVED

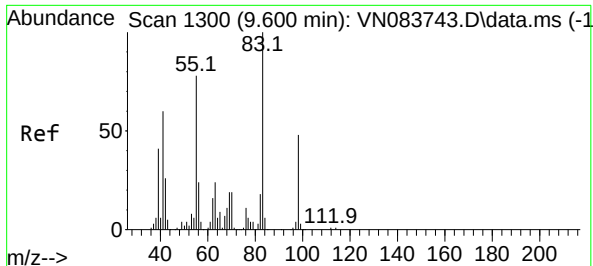
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#38
Carbon Tetrachloride
Concen: 52.977 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Tgt Ion:117 Resp: 150427
Ion Ratio Lower Upper
117 100
119 95.2 76.1 114.1
121 31.0 24.1 36.1





#39

Methylcyclohexane

Concen: 54.700 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN083791.D

Acq: 11 Sep 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

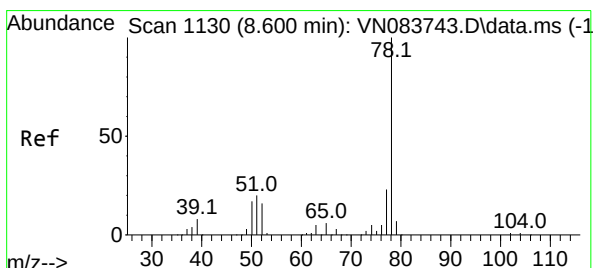
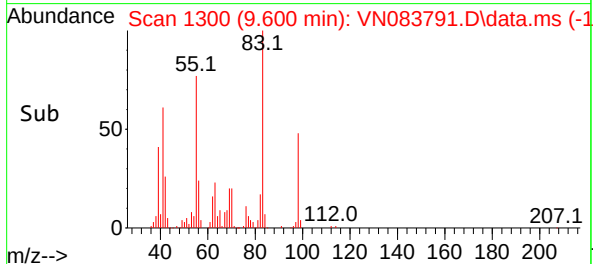
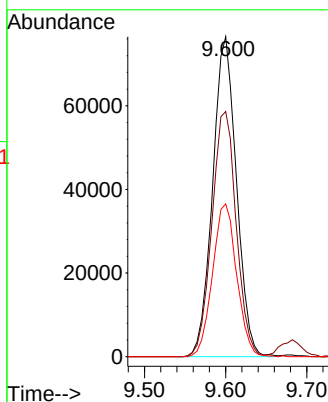
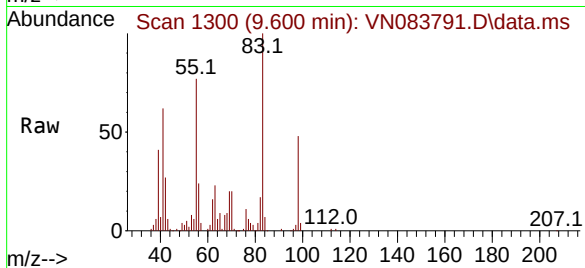
Tgt Ion:	83	Resp:	15583
Ion Ratio	Lower	Upper	
83	100		
55	76.6	62.2	93.4
98	47.8	37.6	56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2024

Supervised By :Mahesh Dadoda 09/12/2024



#40

Benzene

Concen: 53.148 ug/l

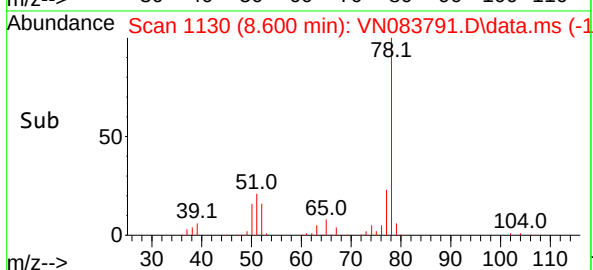
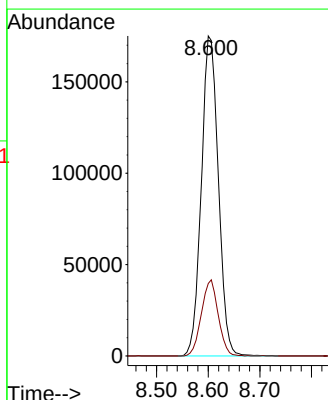
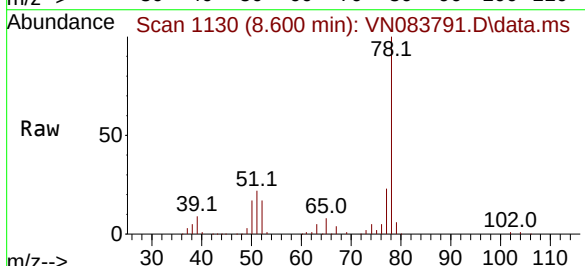
RT: 8.600 min Scan# 1130

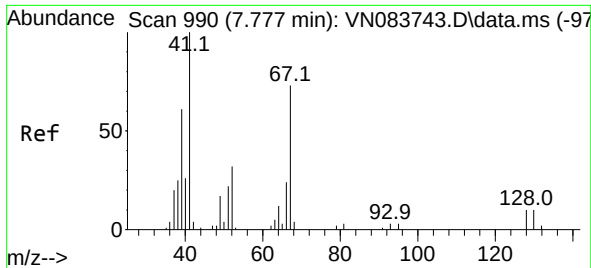
Delta R.T. -0.000 min

Lab File: VN083791.D

Acq: 11 Sep 2024 12:59

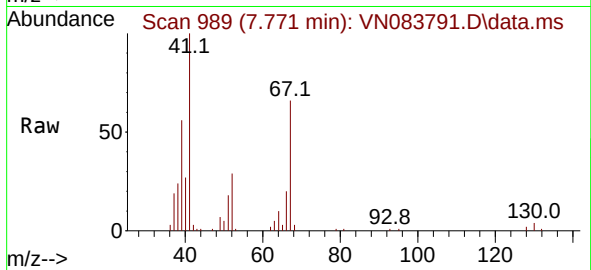
Tgt Ion:	78	Resp:	400377
Ion Ratio	Lower	Upper	
78	100		
77	22.6	19.0	28.6





#41
Methacrylonitrile
Concen: 56.528 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

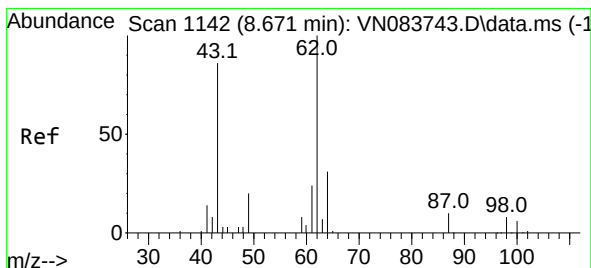
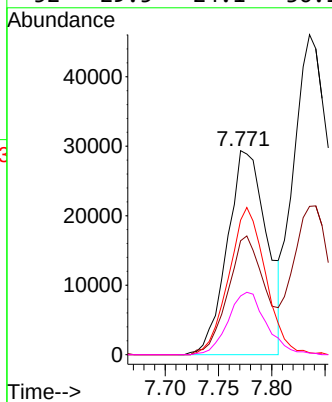
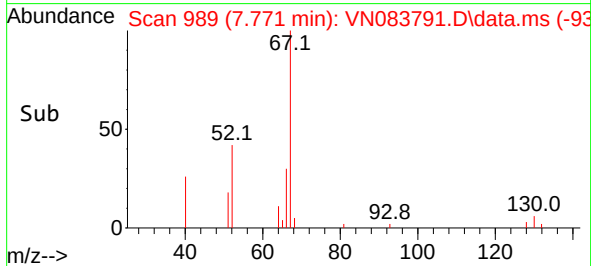
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



Tgt Ion: 41 Resp: 75950
Ion Ratio Lower Upper
41 100
39 54.9 45.4 68.2
67 67.2 55.9 83.9
52 29.5 24.1 36.1

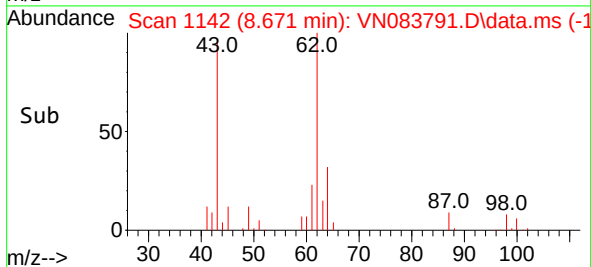
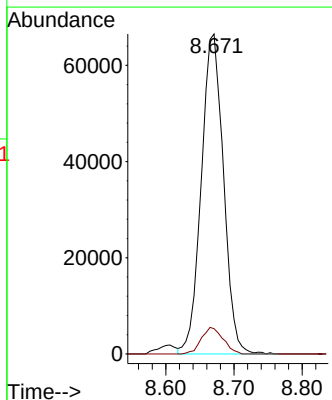
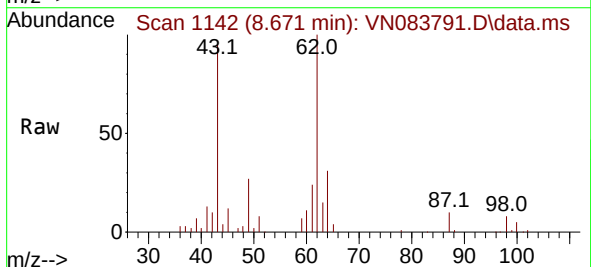
Manual Integrations
APPROVED

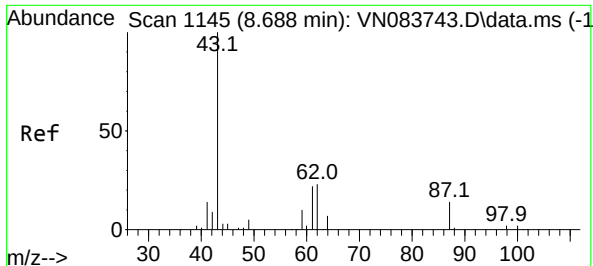
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#42
1,2-Dichloroethane
Concen: 53.581 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Tgt Ion: 62 Resp: 150827
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.6





#43

Isopropyl Acetate

Concen: 70.750 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN083791.D

Acq: 11 Sep 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

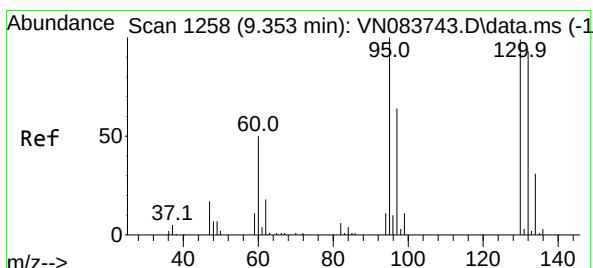
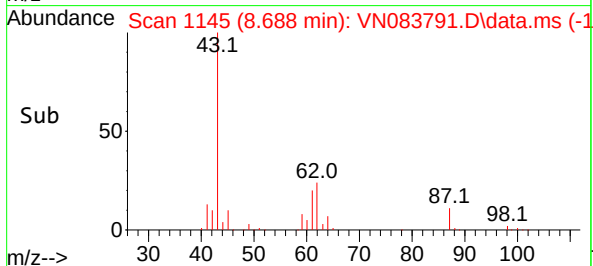
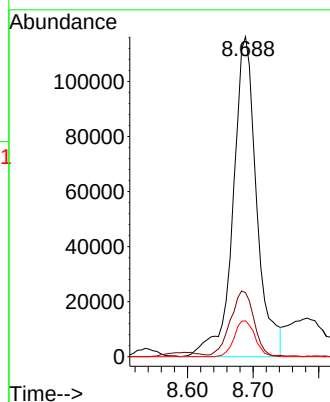
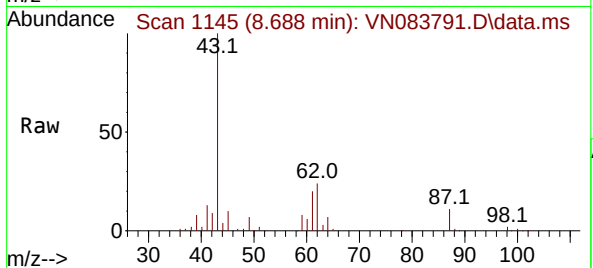
Tgt Ion:	43	Resp:	29127
Ion	Ratio	Lower	Upper
43	100		
61	20.3	19.4	29.0
87	9.8	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2024

Supervised By :Mahesh Dadoda 09/12/2024



#44

Trichloroethene

Concen: 52.393 ug/l

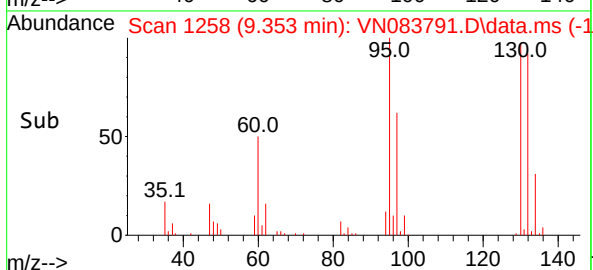
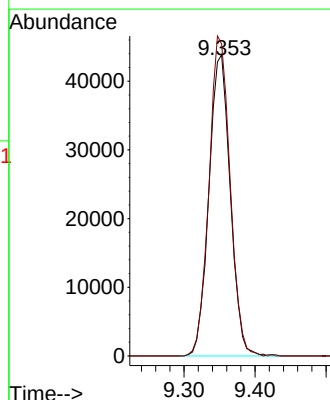
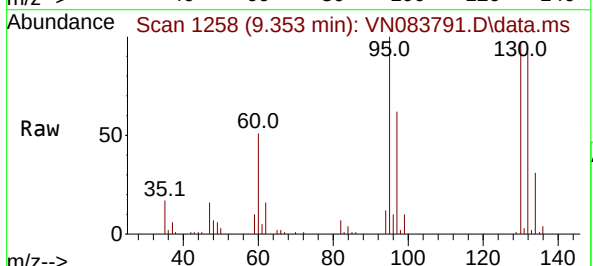
RT: 9.353 min Scan# 1258

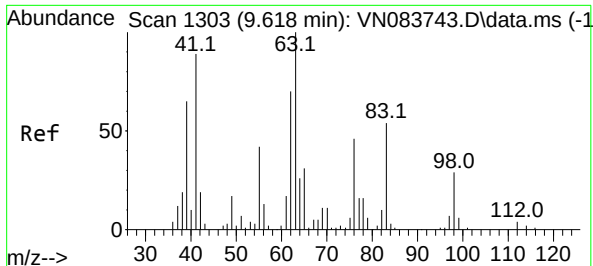
Delta R.T. -0.000 min

Lab File: VN083791.D

Acq: 11 Sep 2024 12:59

Tgt Ion:	130	Resp:	91400
Ion	Ratio	Lower	Upper
130	100		
95	103.5	0.0	200.4





#45

1,2-Dichloropropane

Concen: 54.190 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN083791.D

Acq: 11 Sep 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 9866

Ion Ratio Lower Upper

63 100

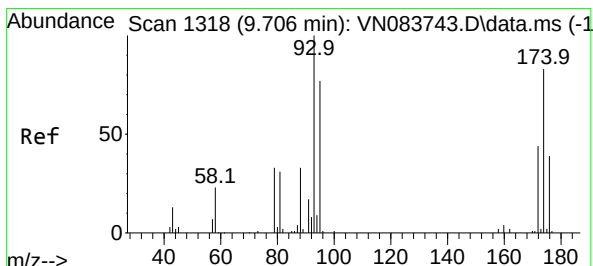
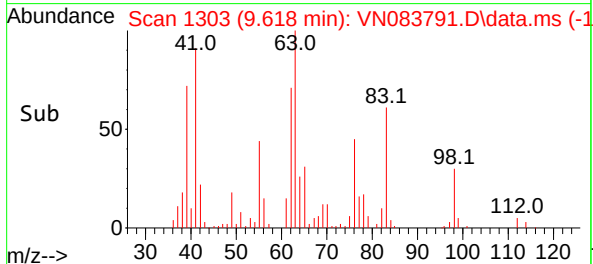
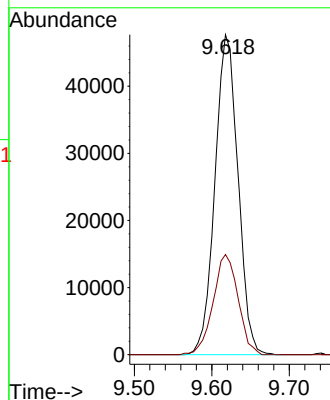
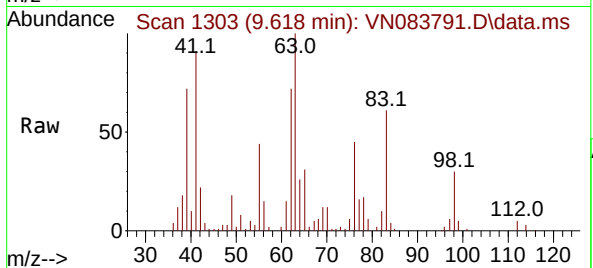
65 31.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2024

Supervised By :Mahesh Dadoda 09/12/2024



#46

Dibromomethane

Concen: 53.782 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN083791.D

Acq: 11 Sep 2024 12:59

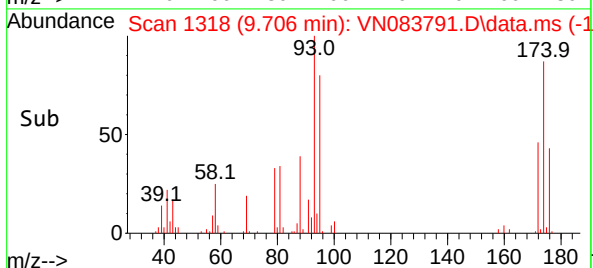
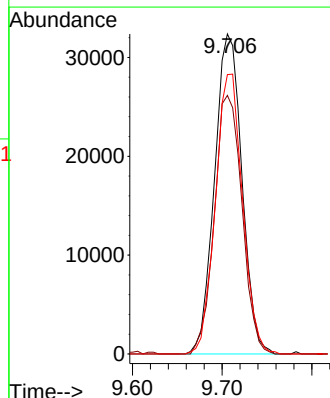
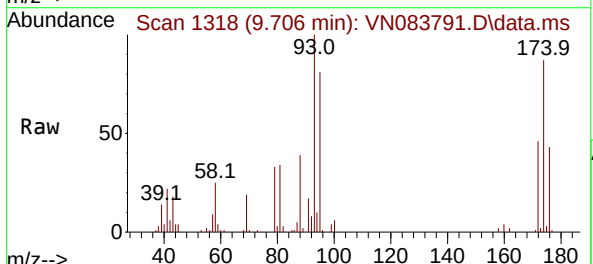
Tgt Ion: 93 Resp: 68589

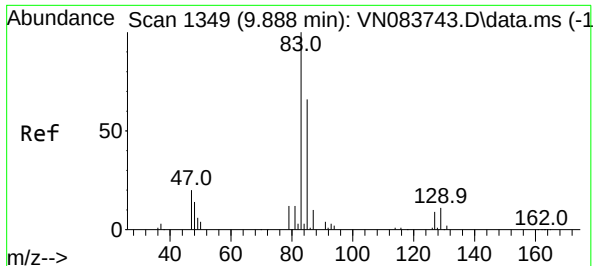
Ion Ratio Lower Upper

93 100

95 81.6 65.3 97.9

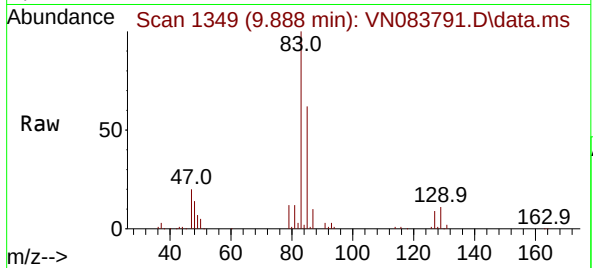
174 86.9 71.0 106.4





#47
Bromodichloromethane
Concen: 55.370 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

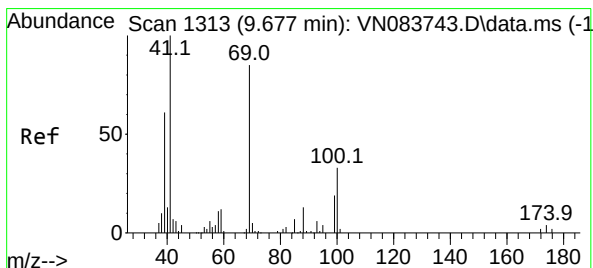
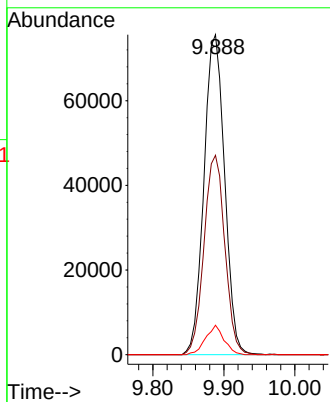
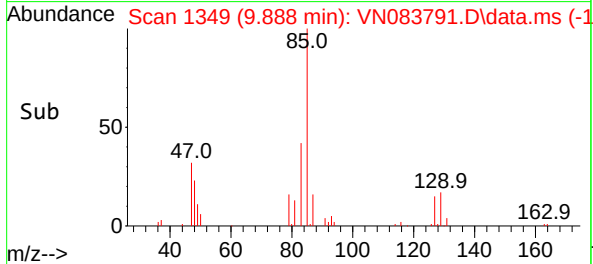
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 152824
Ion Ratio Lower Upper
83 100
85 62.3 51.8 77.8
127 9.2 6.6 9.8

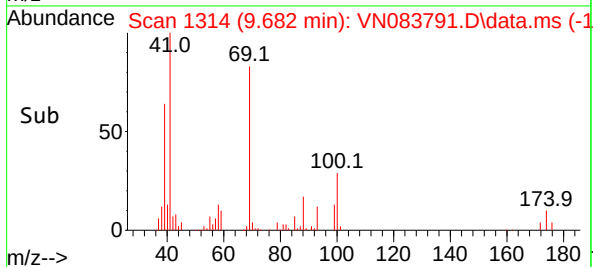
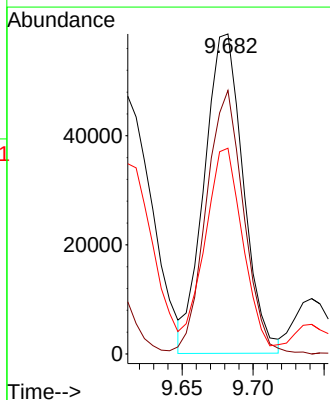
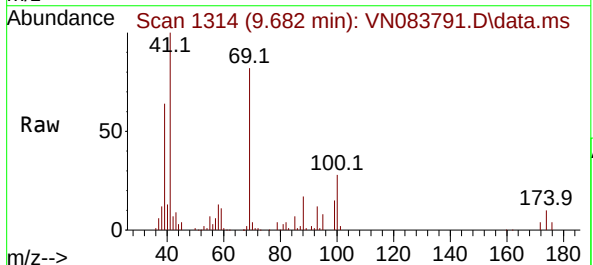
Manual Integrations
APPROVED

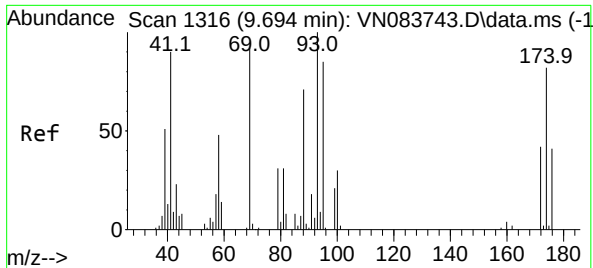
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#48
Methyl methacrylate
Concen: 57.280 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

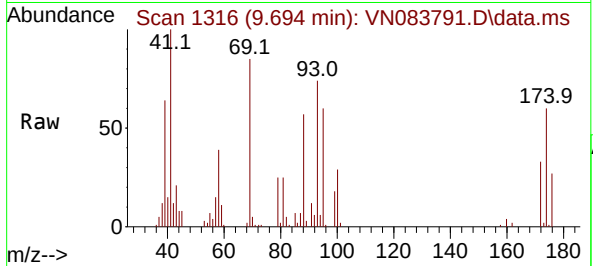
Tgt Ion: 41 Resp: 111880
Ion Ratio Lower Upper
41 100
69 79.6 64.3 96.5
39 64.1 48.9 73.3





#49
1,4-Dioxane
Concen: 1114.069 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

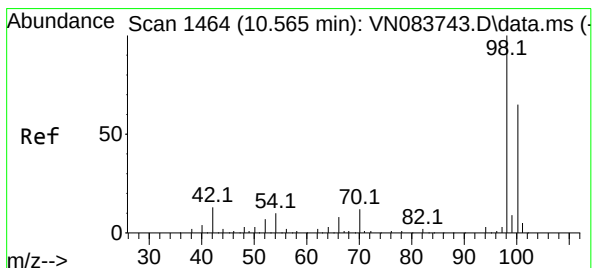
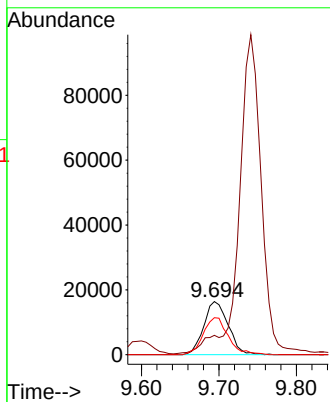
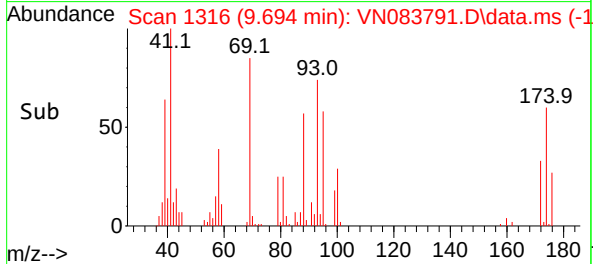
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 3579
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 71.4 57.1 85.7

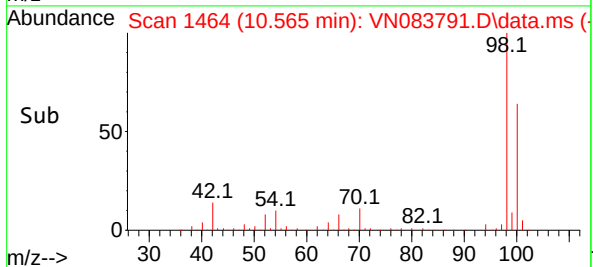
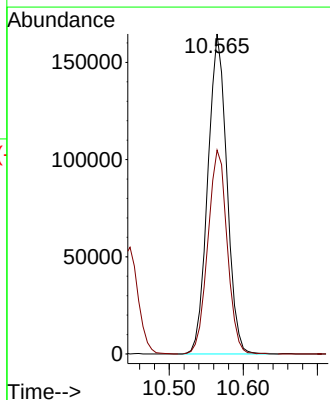
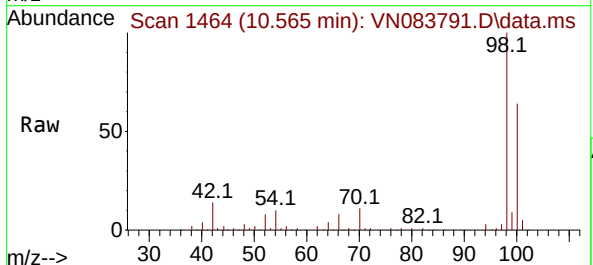
Manual Integrations
APPROVED

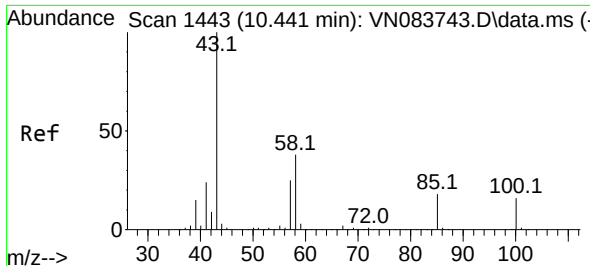
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#50
Toluene-d8
Concen: 51.066 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Tgt Ion: 98 Resp: 293562
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0





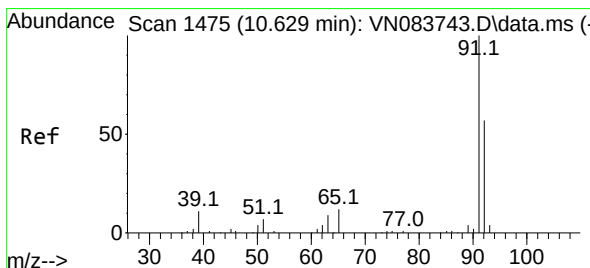
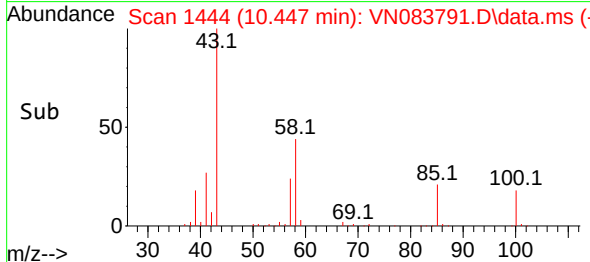
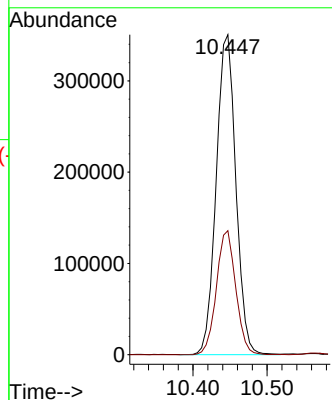
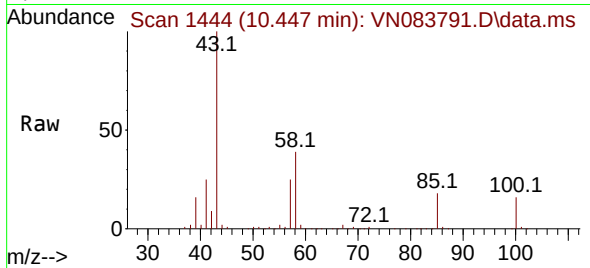
#51
4-Methyl-2-Pentanone
Concen: 287.840 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 64506
Ion Ratio Lower Upper
43 100
58 38.2 31.6 47.4

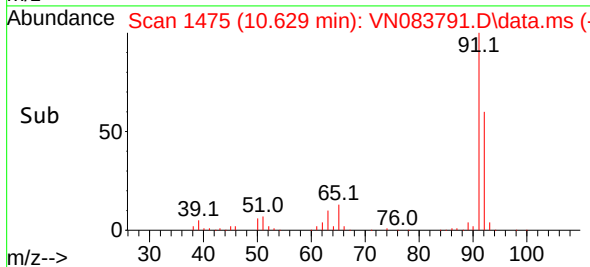
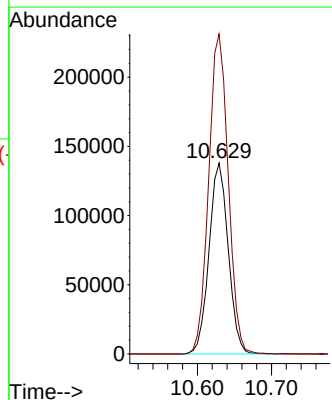
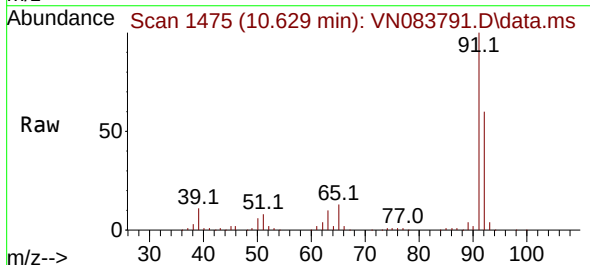
Manual Integrations
APPROVED

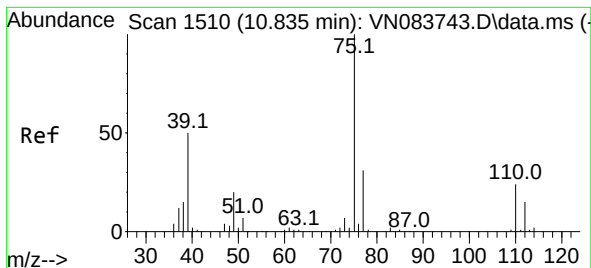
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#52
Toluene
Concen: 53.901 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

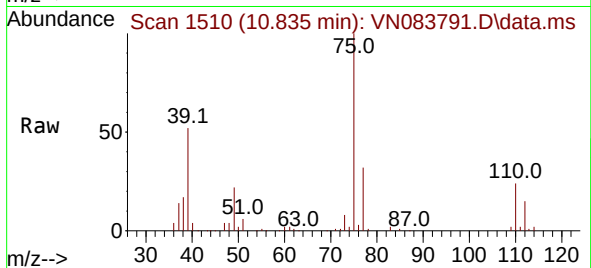
Tgt Ion: 92 Resp: 248372
Ion Ratio Lower Upper
92 100
91 170.7 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 54.843 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

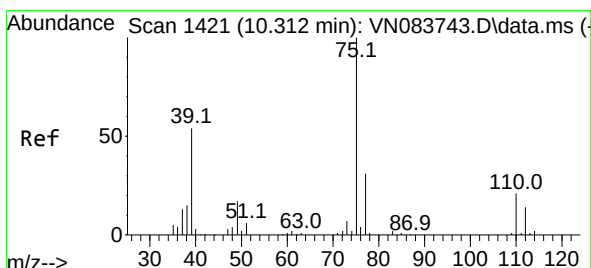
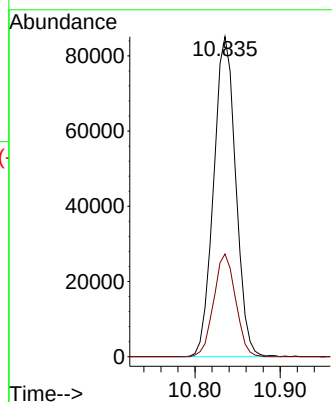
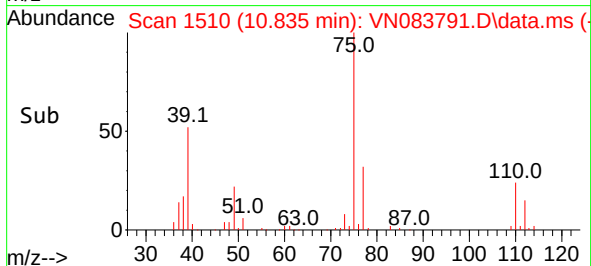
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 153430
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6

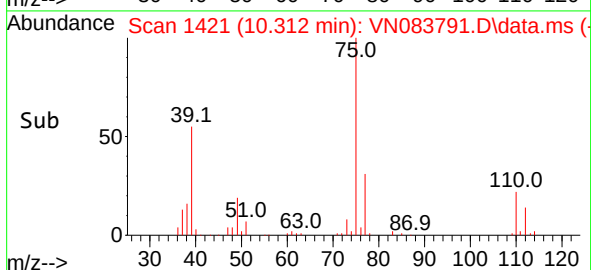
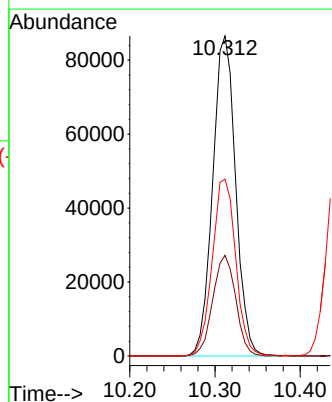
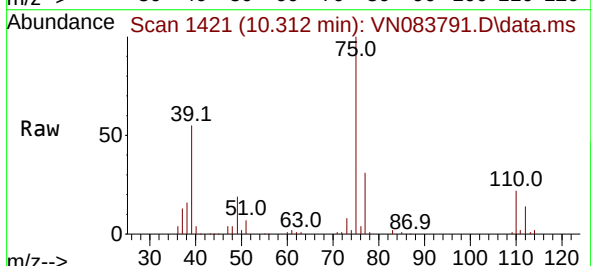
Manual Integrations
APPROVED

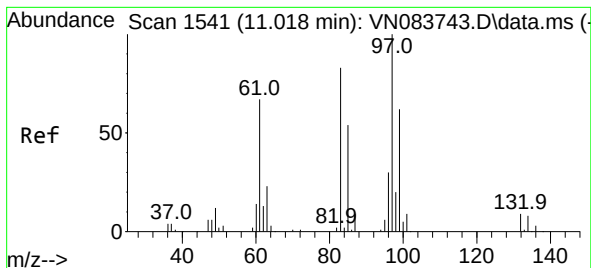
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#54
cis-1,3-Dichloropropene
Concen: 55.039 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

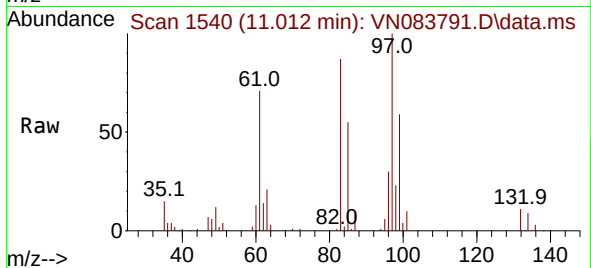
Tgt Ion: 75 Resp: 161745
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.6
39 55.2 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 53.088 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

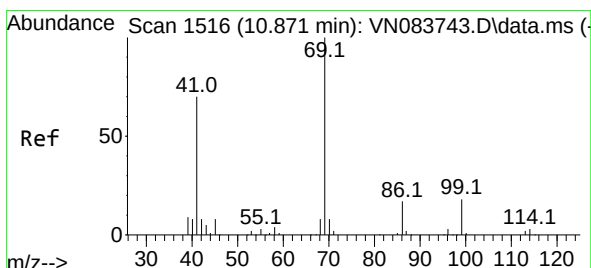
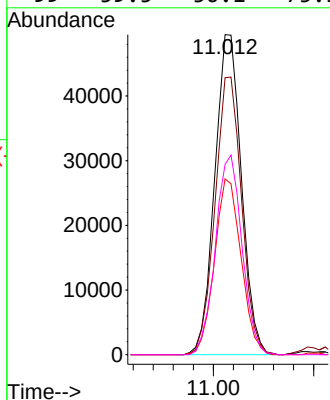
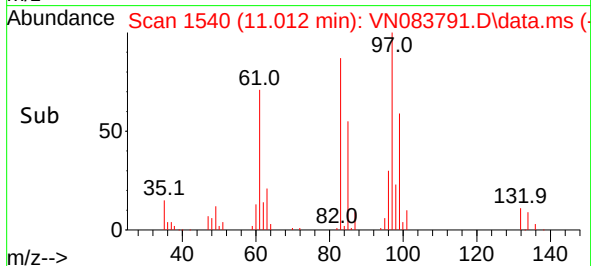
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



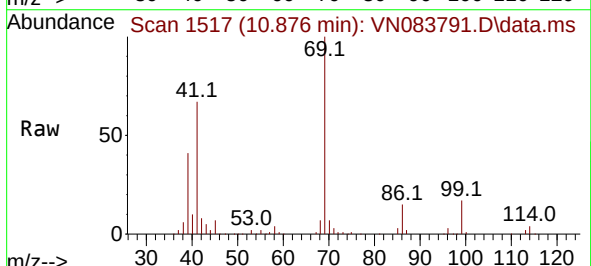
Tgt Ion:	97	Resp:	9132
Ion Ratio	100	Lower	Upper
97	100		
83	86.6	67.5	101.3
85	55.0	44.2	66.2
99	59.5	50.1	75.1

Manual Integrations
APPROVED

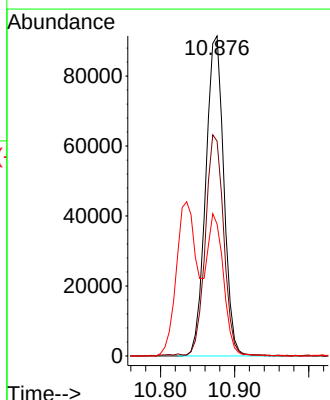
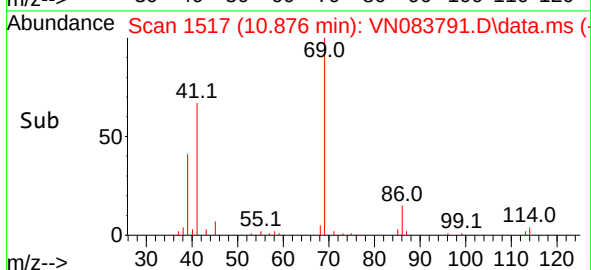
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

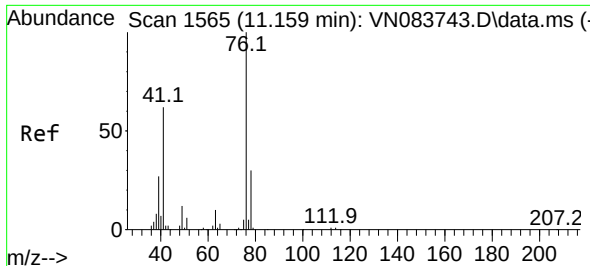


#56
Ethyl methacrylate
Concen: 58.555 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59



Tgt Ion:	69	Resp:	154978
Ion Ratio	100	Lower	Upper
69	100		
41	70.8	53.9	80.9
39	43.1	32.6	48.8





#57

1,3-Dichloropropane

Concen: 54.326 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN083791.D

Acq: 11 Sep 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 160620

Ion Ratio Lower Upper

76 100

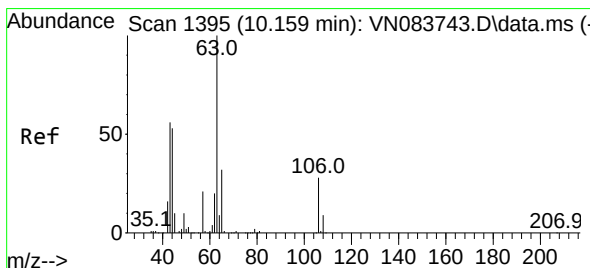
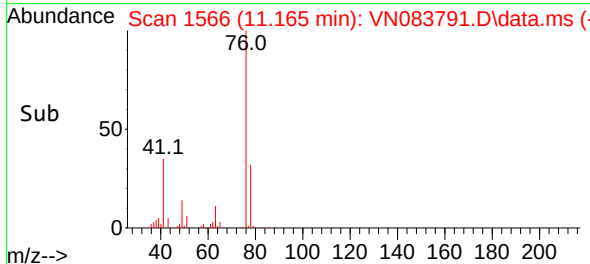
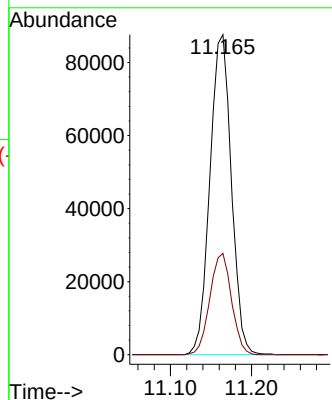
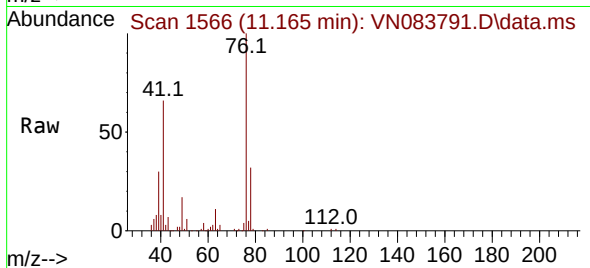
78 32.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2024

Supervised By :Mahesh Dadoda 09/12/2024



#58

2-Chloroethyl Vinyl ether

Concen: 329.440 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN083791.D

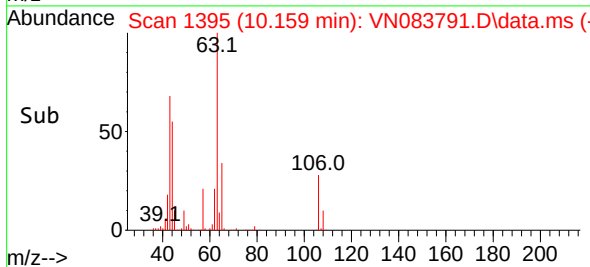
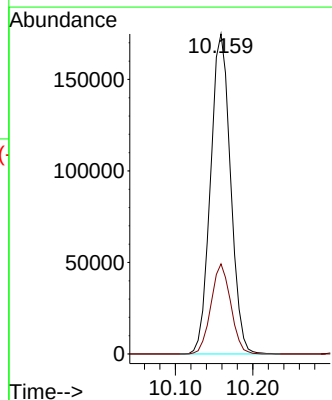
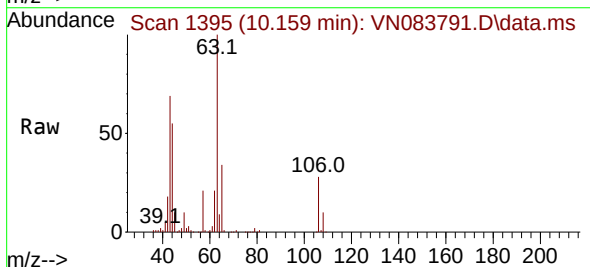
Acq: 11 Sep 2024 12:59

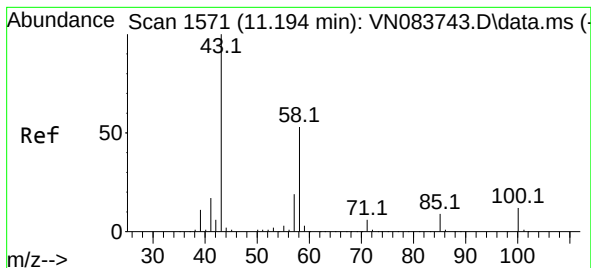
Tgt Ion: 63 Resp: 314176

Ion Ratio Lower Upper

63 100

106 27.7 23.3 34.9





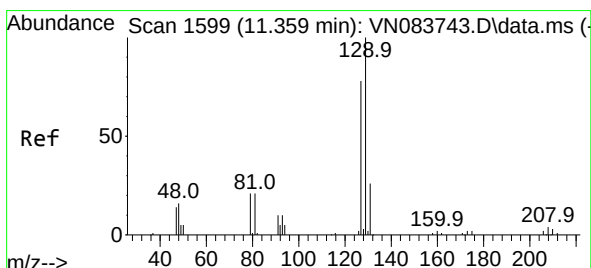
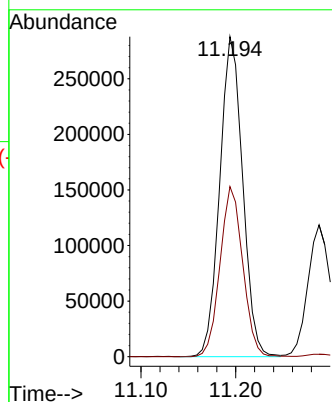
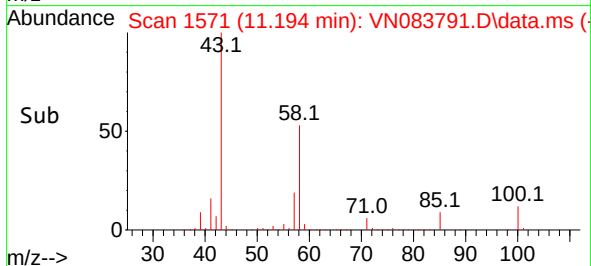
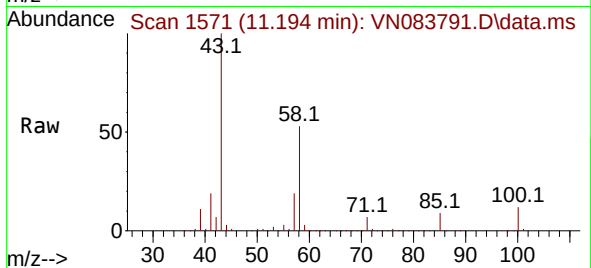
#59
2-Hexanone
Concen: 292.470 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 484844
Ion Ratio Lower Upper
43 100
58 52.5 27.2 81.5

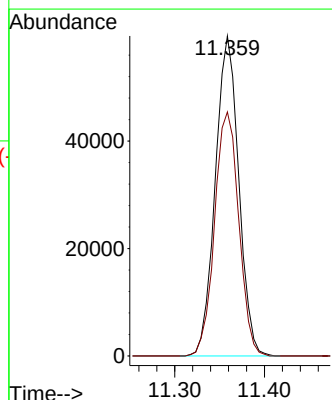
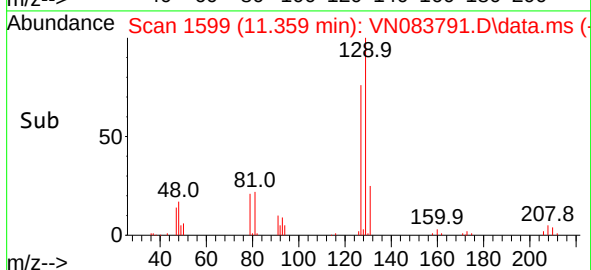
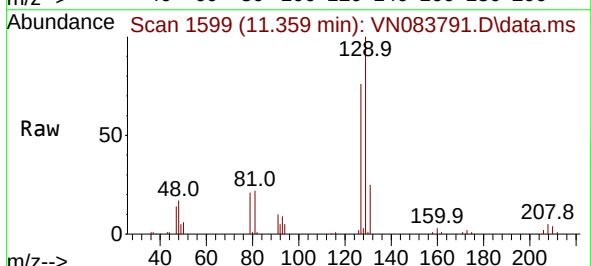
Manual Integrations
APPROVED

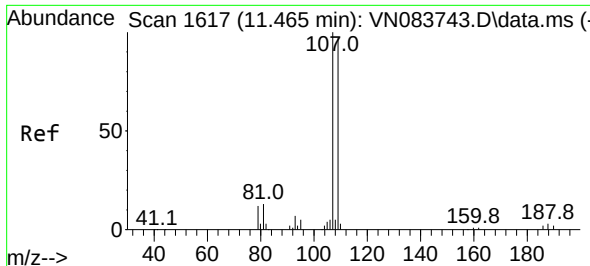
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#60
Dibromochloromethane
Concen: 56.063 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Tgt Ion:129 Resp: 107933
Ion Ratio Lower Upper
129 100
127 78.7 39.0 116.9





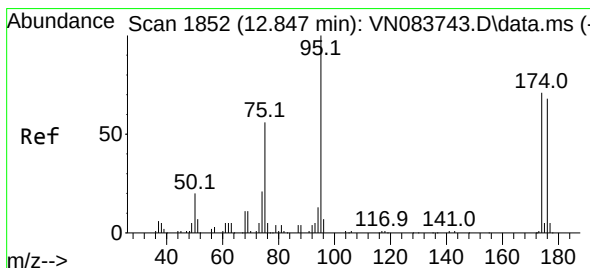
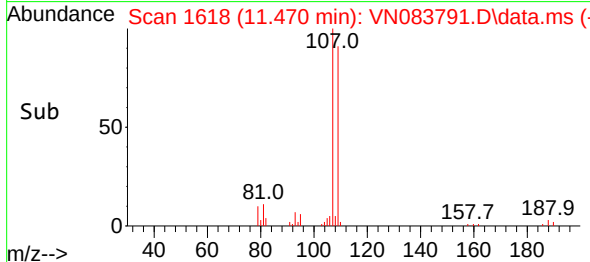
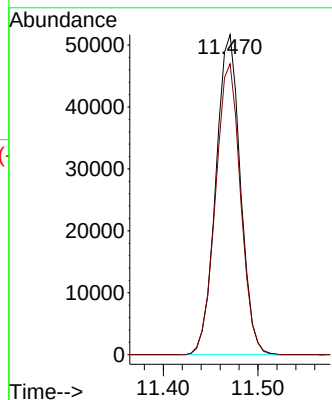
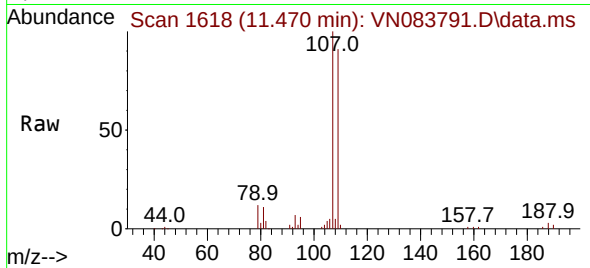
#61
1,2-Dibromoethane
Concen: 54.204 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 92995
Ion Ratio Lower Upper
107 100
109 92.6 75.6 113.4

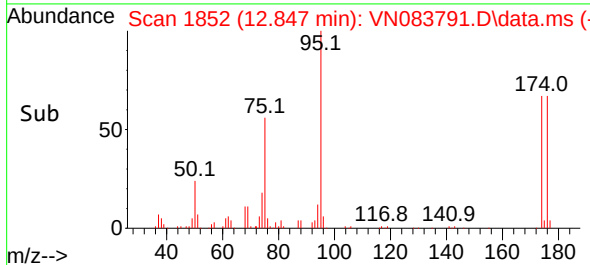
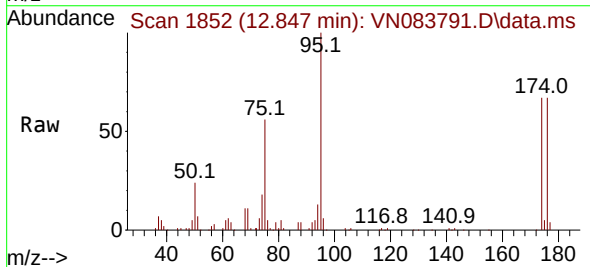
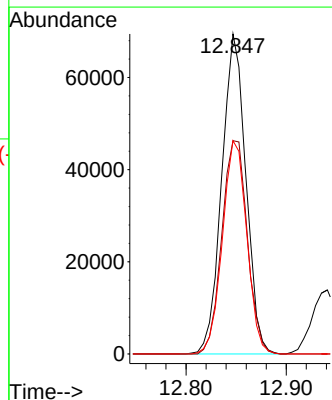
Manual Integrations
APPROVED

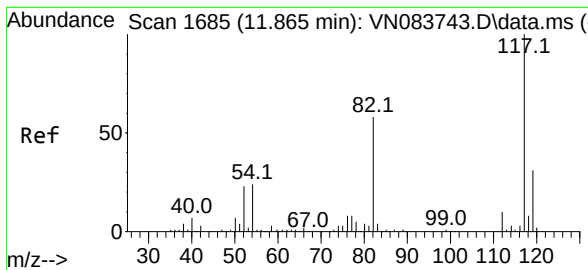
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#62
4-Bromofluorobenzene
Concen: 48.909 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

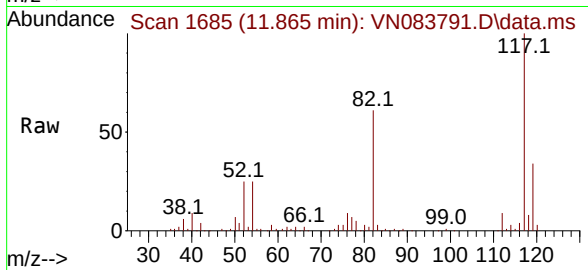
Tgt Ion: 95 Resp: 116001
Ion Ratio Lower Upper
95 100
174 70.6 0.0 139.8
176 67.3 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

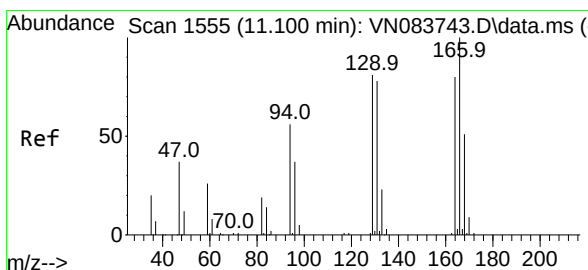
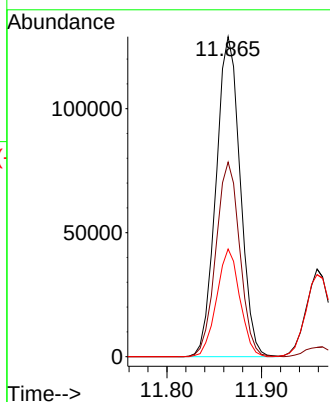
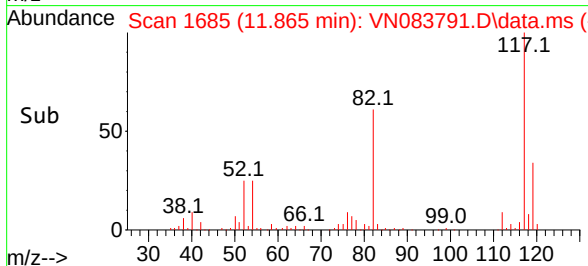
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 228788
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.0
119 33.7 26.3 39.5

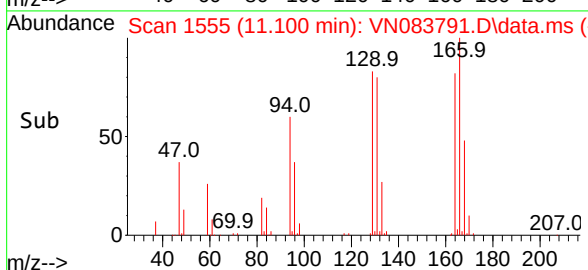
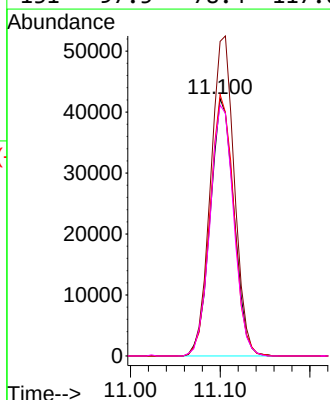
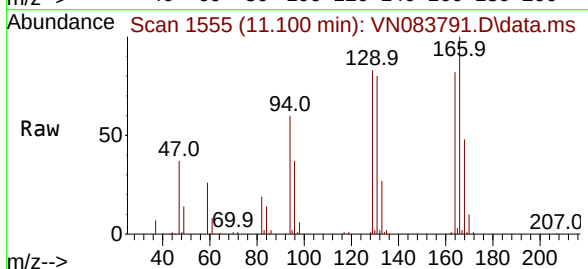
Manual Integrations
APPROVED

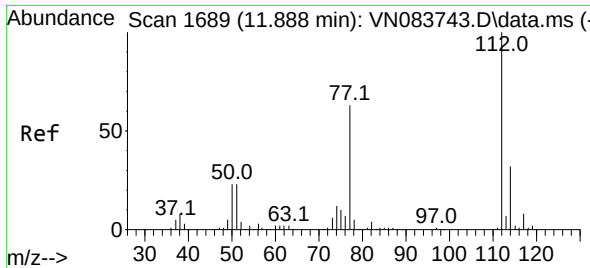
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#64
Tetrachloroethene
Concen: 50.762 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

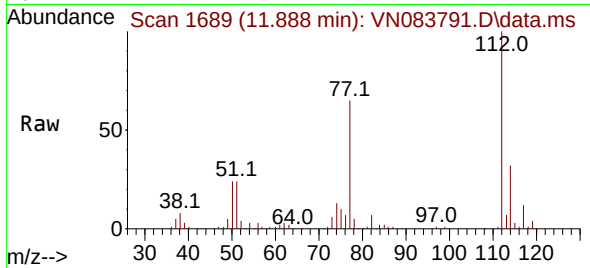
Tgt Ion:164 Resp: 77234
Ion Ratio Lower Upper
164 100
166 122.3 103.7 155.5
129 101.6 79.9 119.9
131 97.5 78.4 117.6





#65
Chlorobenzene
Concen: 50.891 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

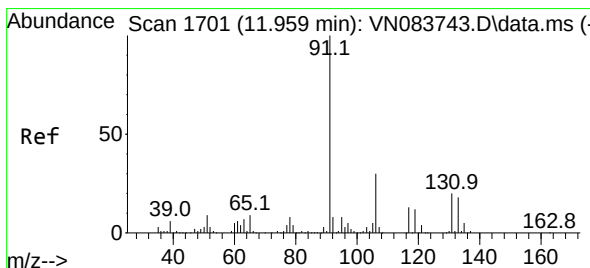
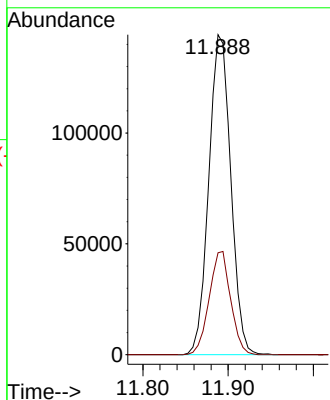
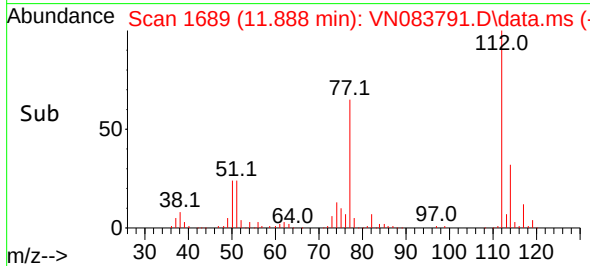
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 258778
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

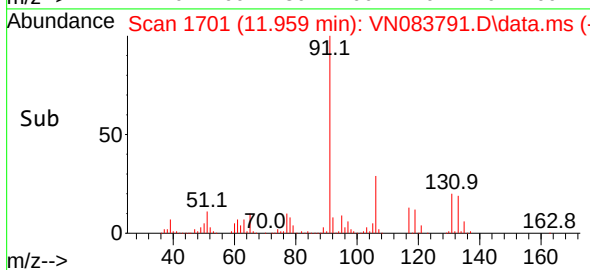
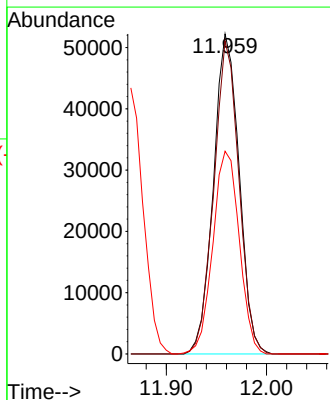
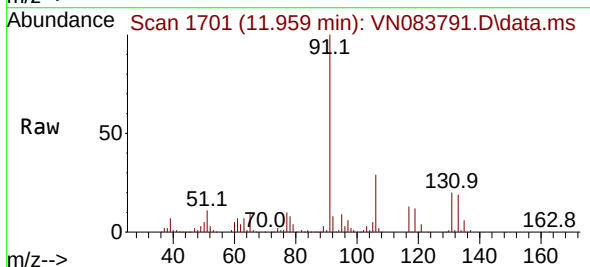
Manual Integrations
APPROVED

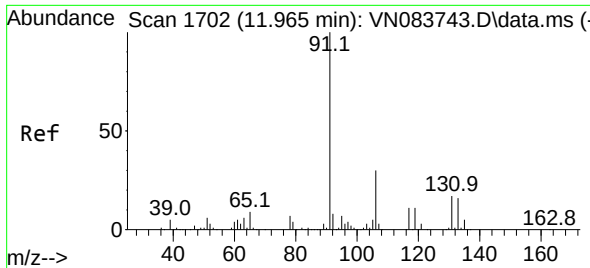
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 52.601 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

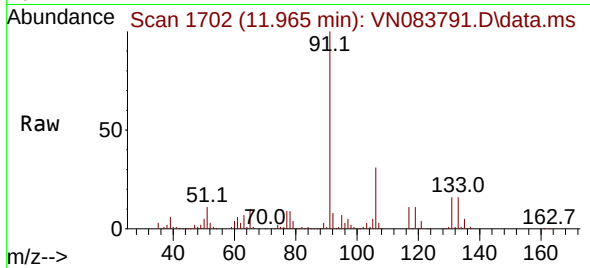
Tgt Ion:131 Resp: 92724
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 65.4 31.6 94.8





#67
Ethyl Benzene
Concen: 53.856 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

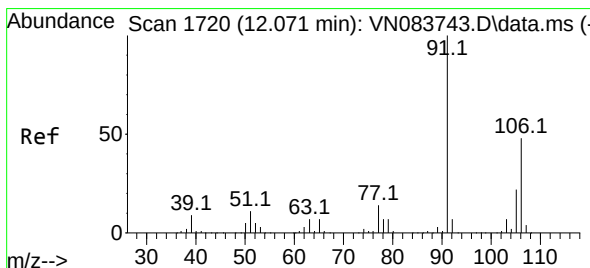
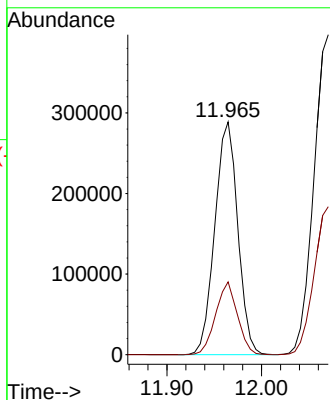
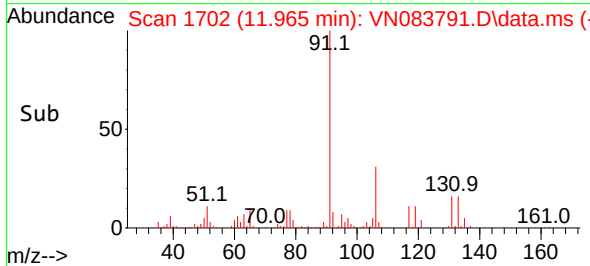
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 48648
Ion Ratio Lower Upper
91 100
106 31.2 24.3 36.5

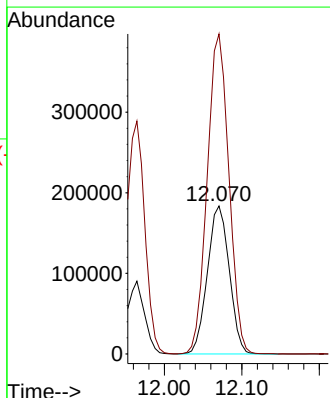
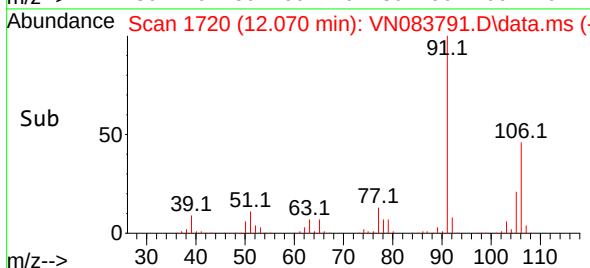
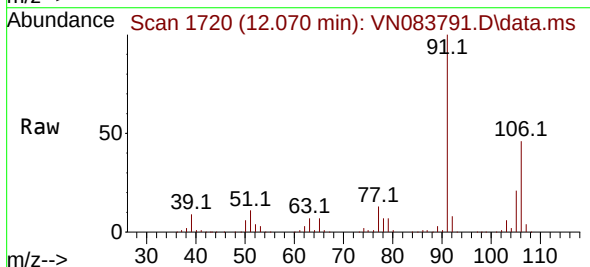
Manual Integrations
APPROVED

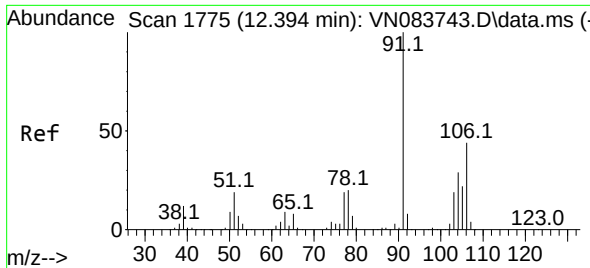
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#68
m/p-Xylenes
Concen: 107.352 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Tgt Ion:106 Resp: 360018
Ion Ratio Lower Upper
106 100
91 214.8 169.2 253.8





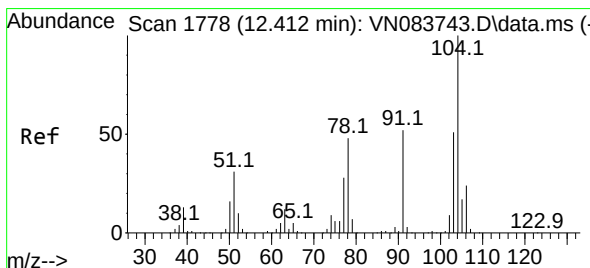
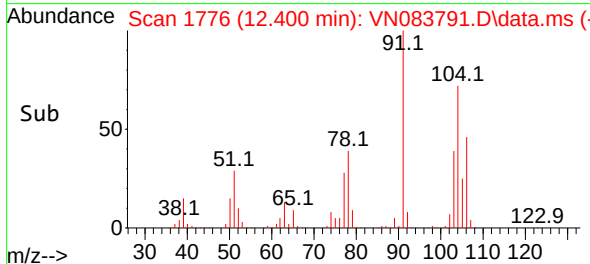
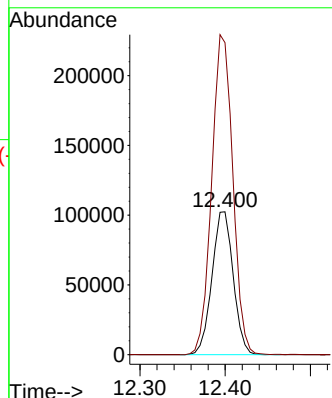
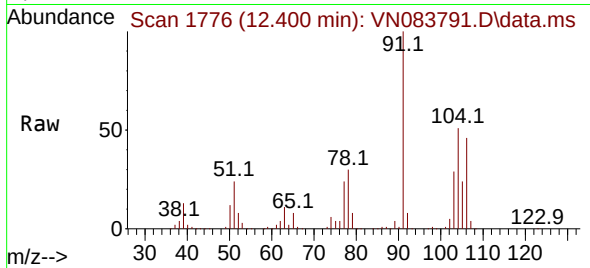
#69
o-Xylene
Concen: 54.632 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 17736
Ion Ratio Lower Upper
106 100
91 222.8 112.9 338.6

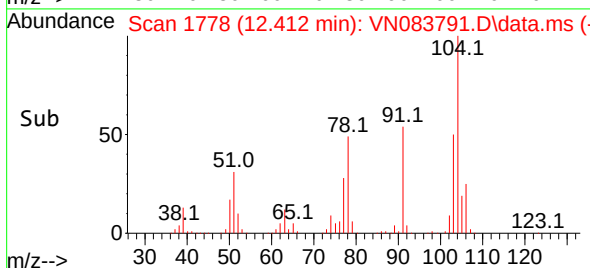
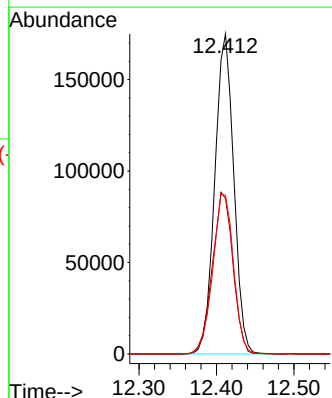
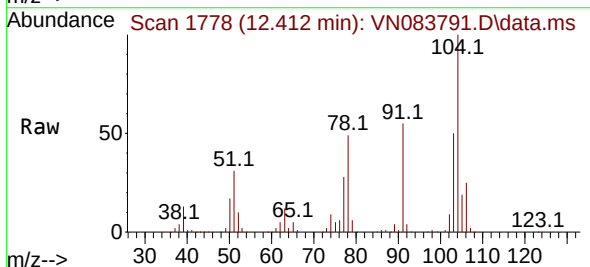
Manual Integrations
APPROVED

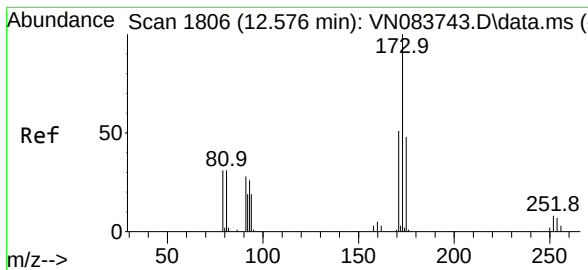
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#70
Styrene
Concen: 55.807 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Tgt Ion:104 Resp: 297348
Ion Ratio Lower Upper
104 100
78 54.9 43.3 64.9
103 54.6 43.4 65.2





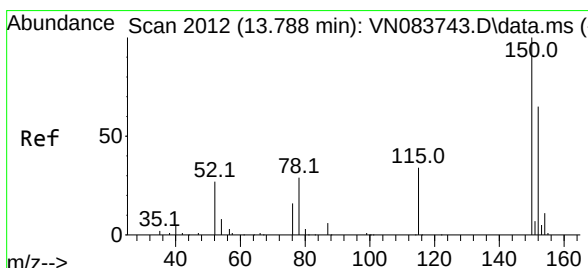
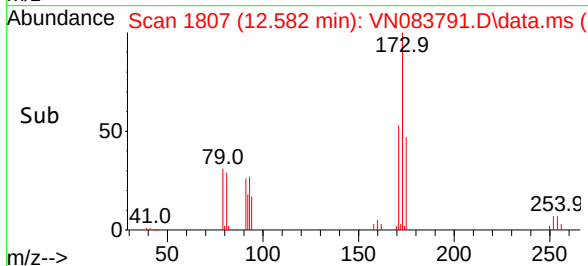
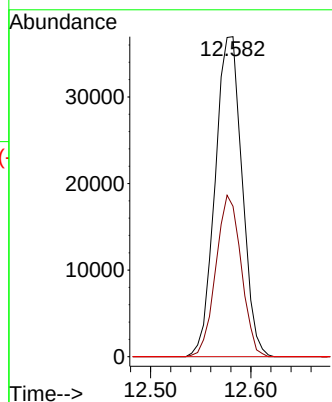
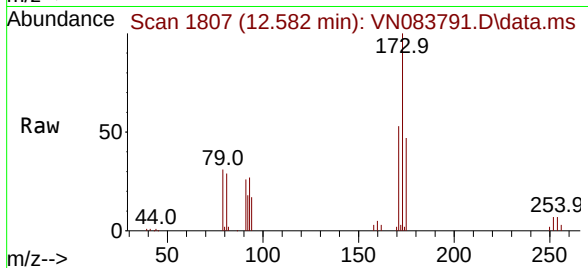
#71
Bromoform
Concen: 58.043 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 68948
Ion Ratio Lower Upper
173 100
175 47.5 24.1 72.2
254 0.0 0.0 0.0

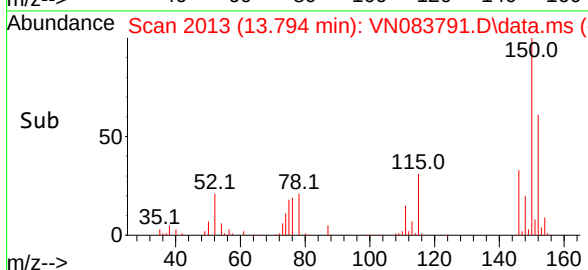
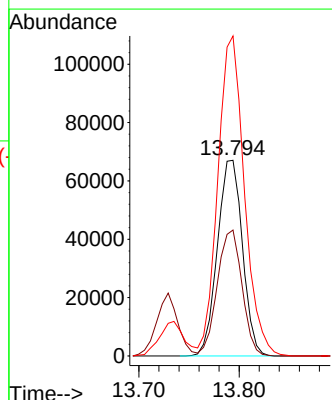
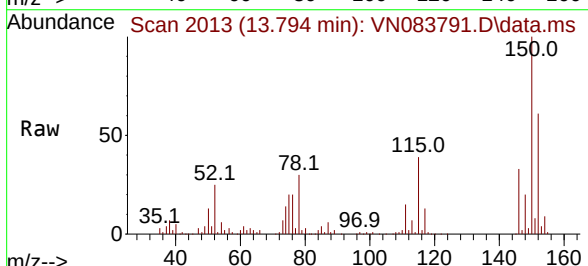
Manual Integrations
APPROVED

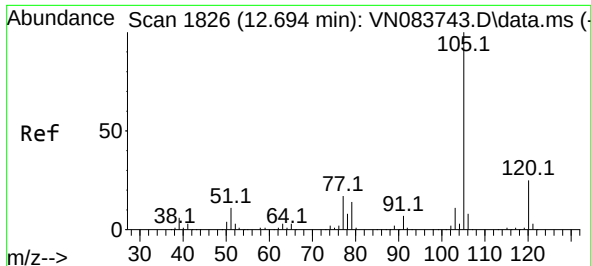
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

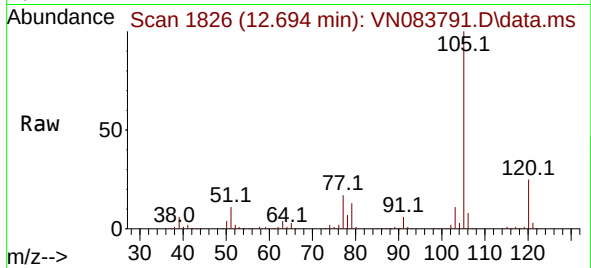
Tgt Ion:152 Resp: 116418
Ion Ratio Lower Upper
152 100
115 63.4 32.2 96.6
150 172.9 0.0 348.6





#73
Isopropylbenzene
Concen: 51.446 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

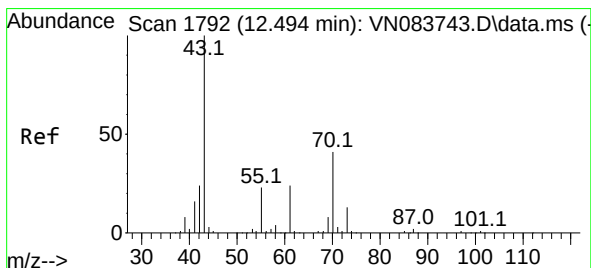
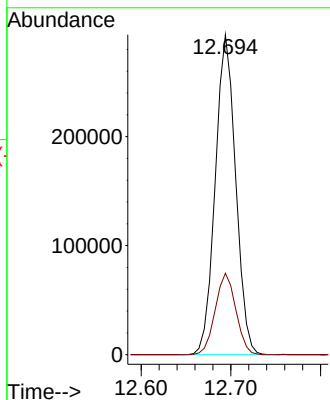
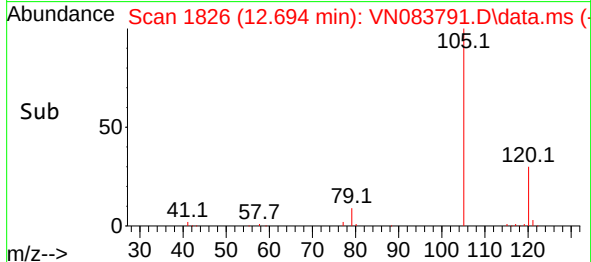
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



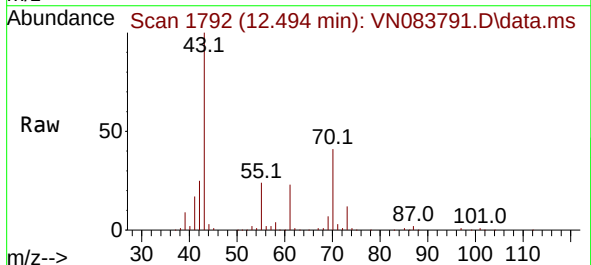
Tgt Ion:105 Resp: 463364
Ion Ratio Lower Upper
105 100
120 25.7 12.6 37.8

Manual Integrations
APPROVED

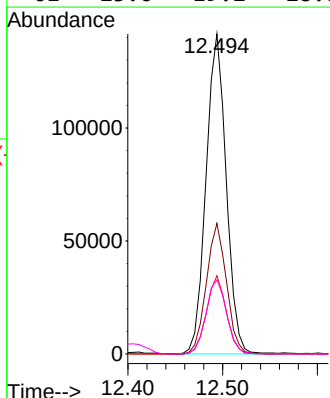
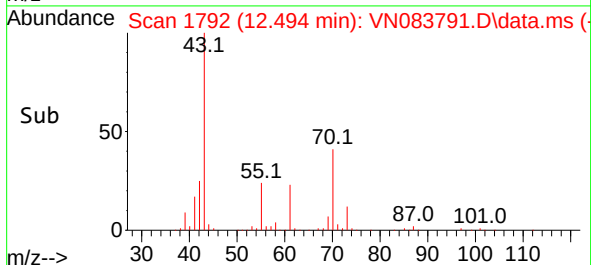
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

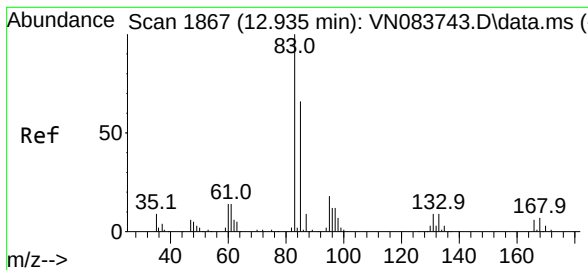


#74
N-ethyl acetate
Concen: 54.568 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59



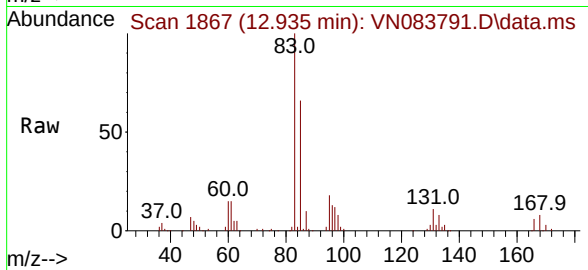
Tgt Ion: 43 Resp: 209696
Ion Ratio Lower Upper
43 100
70 40.6 34.5 51.7
55 23.9 18.6 28.0
61 23.6 19.2 28.8





#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.340 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN083791.D
 Acq: 11 Sep 2024 12:59

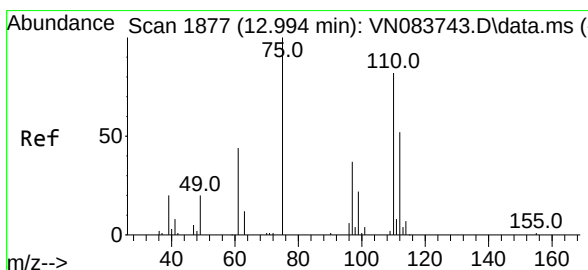
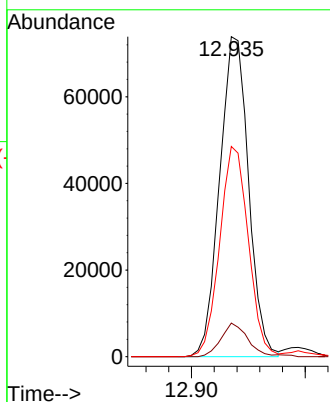
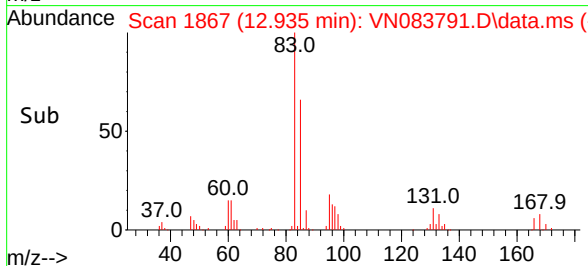
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



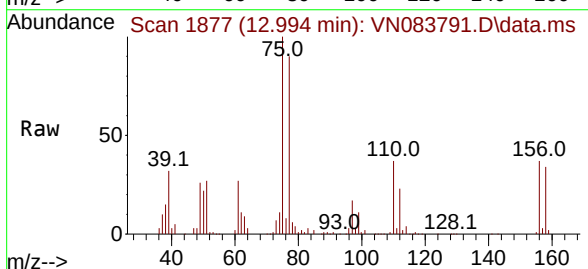
Tgt Ion: 83 Resp: 13057
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.2 15.6
 85 65.1 31.9 95.9

Manual Integrations
 APPROVED

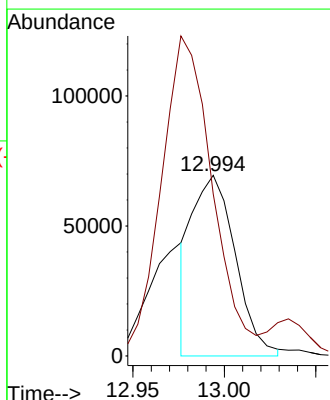
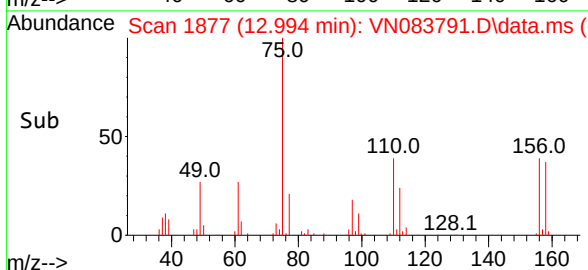
Reviewed By :John Carlone 09/12/2024
 Supervised By :Mahesh Dadoda 09/12/2024

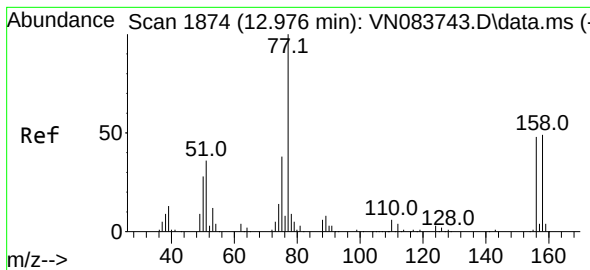


#76
 1,2,3-Trichloropropane
 Concen: 48.510 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN083791.D
 Acq: 11 Sep 2024 12:59



Tgt Ion: 75 Resp: 113955
 Ion Ratio Lower Upper
 75 100
 77 210.1 95.2 285.6





#77

Bromobenzene

Concen: 48.069 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN083791.D

Acq: 11 Sep 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 104210

Ion Ratio Lower Upper

156 100

77 229.8 114.3 343.1

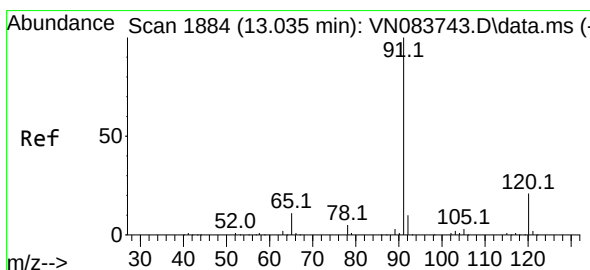
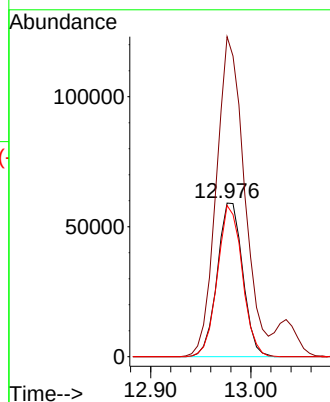
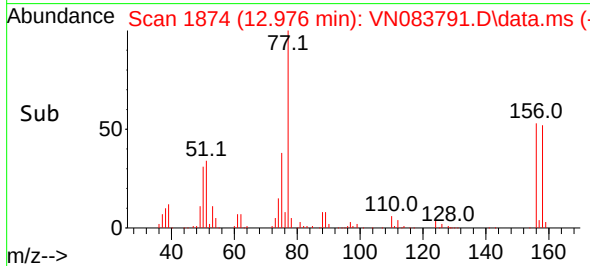
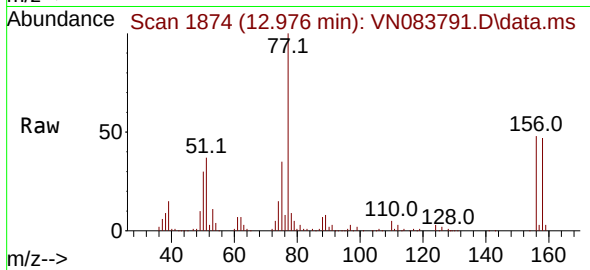
158 95.9 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2024

Supervised By :Mahesh Dadoda 09/12/2024



#78

n-propylbenzene

Concen: 52.577 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN083791.D

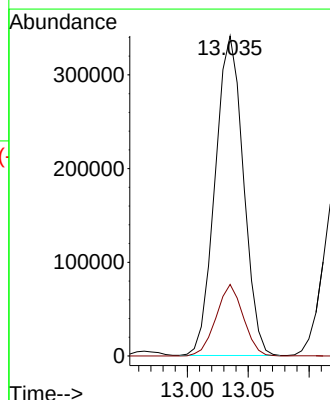
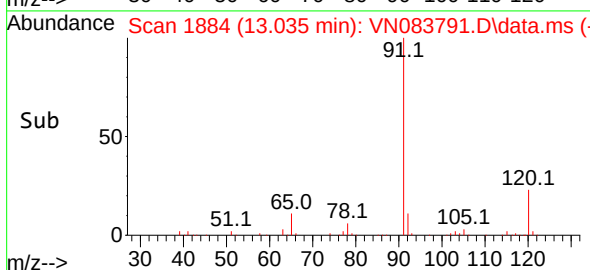
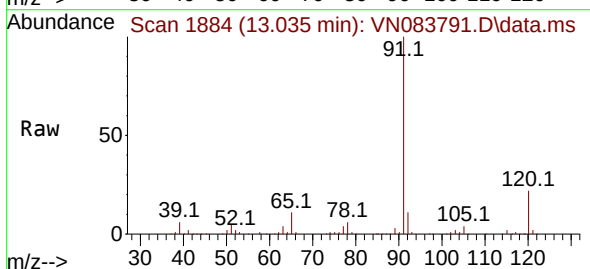
Acq: 11 Sep 2024 12:59

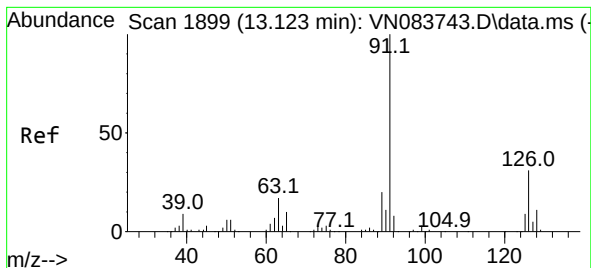
Tgt Ion: 91 Resp: 550980

Ion Ratio Lower Upper

91 100

120 21.5 11.0 33.0





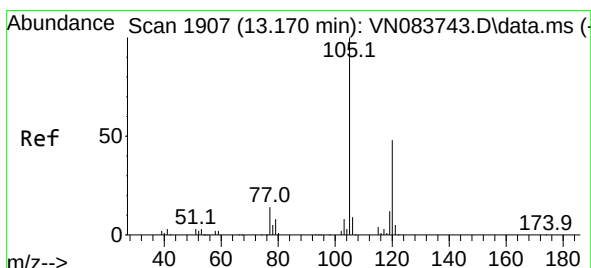
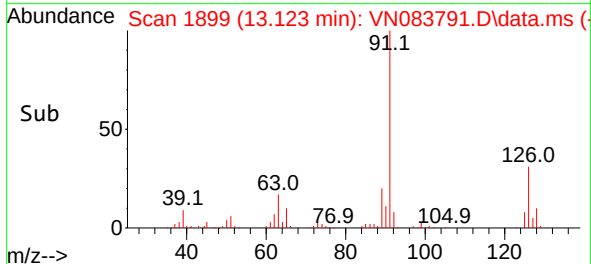
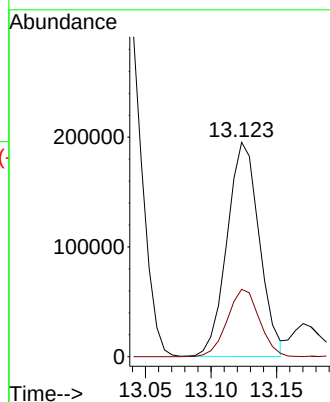
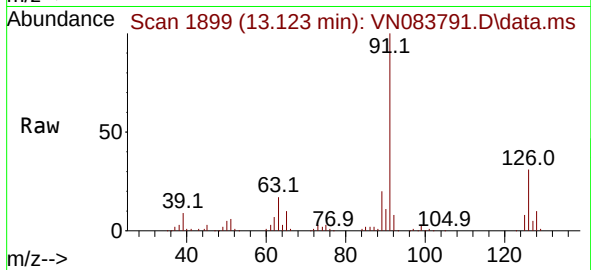
#79
2-Chlorotoluene
Concen: 49.973 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 33398
Ion Ratio Lower Upper
91 100
126 31.4 15.4 46.2

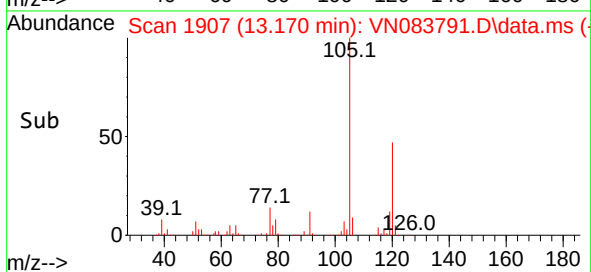
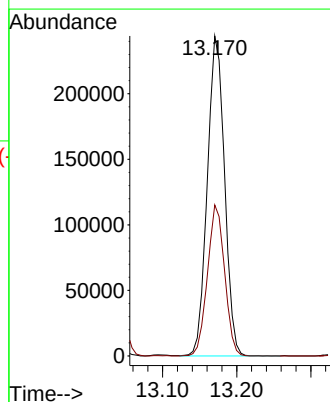
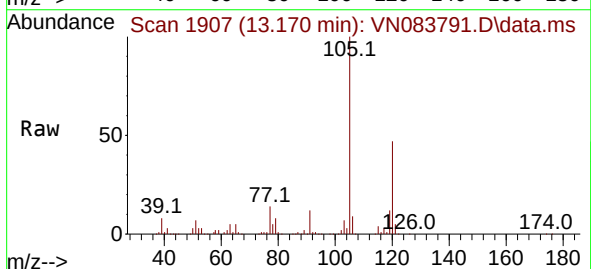
Manual Integrations
APPROVED

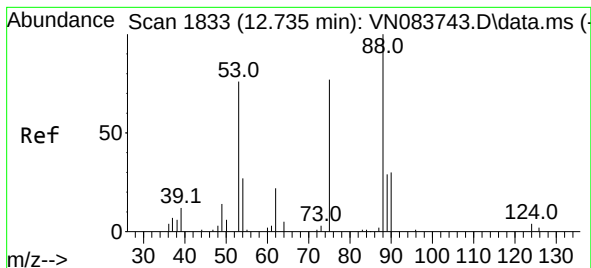
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.928 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

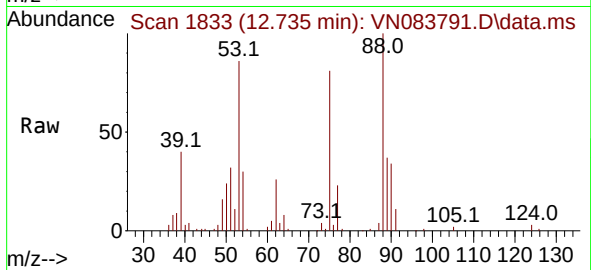
Tgt Ion:105 Resp: 394325
Ion Ratio Lower Upper
105 100
120 46.9 23.4 70.3





#81
trans-1,4-Dichloro-2-butene
Concen: 53.334 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

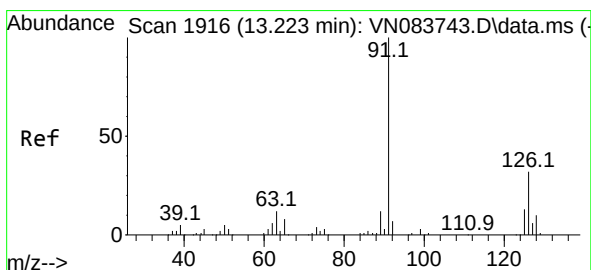
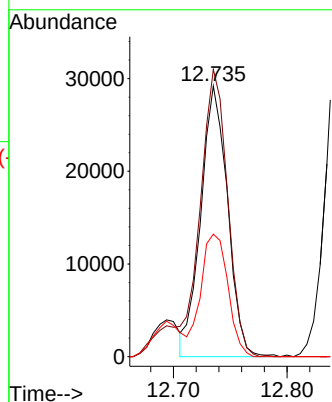
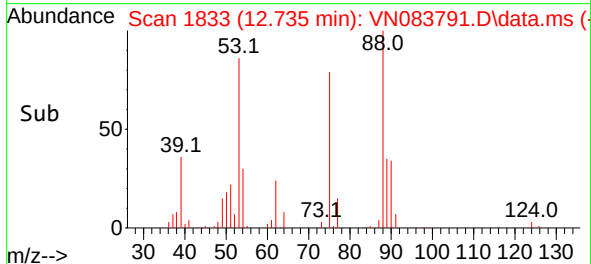
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



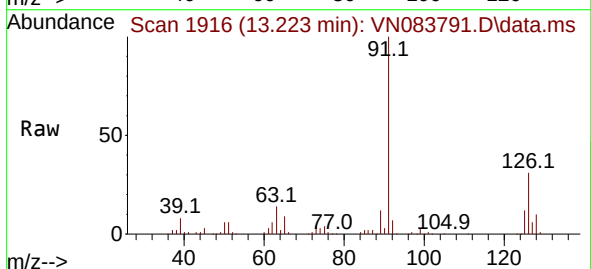
Tgt Ion: 75 Resp: 47830
Ion Ratio Lower Upper
75 100
53 119.5 81.2 121.8
89 45.7 35.7 53.5

Manual Integrations
APPROVED

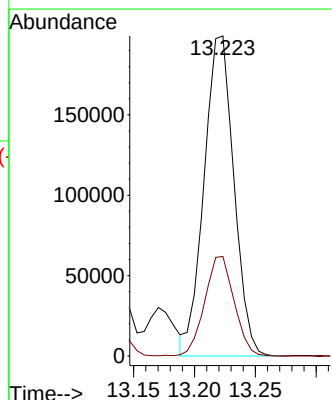
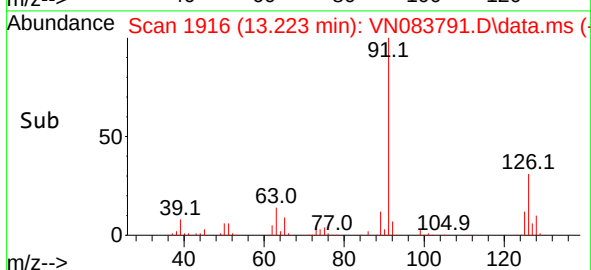
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

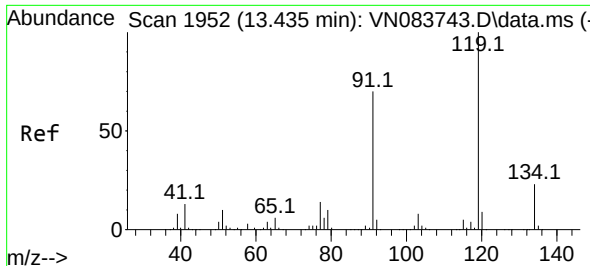


#82
4-Chlorotoluene
Concen: 50.677 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59



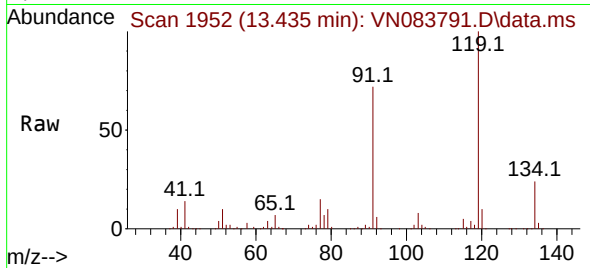
Tgt Ion: 91 Resp: 339883
Ion Ratio Lower Upper
91 100
126 30.7 15.4 46.2





#83
tert-Butylbenzene
Concen: 52.456 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

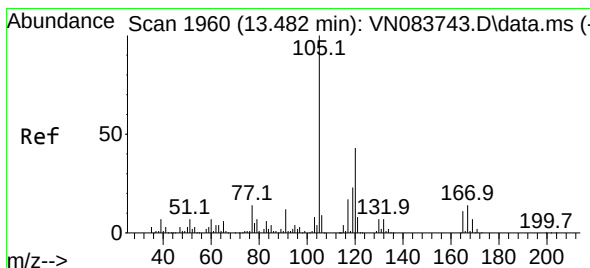
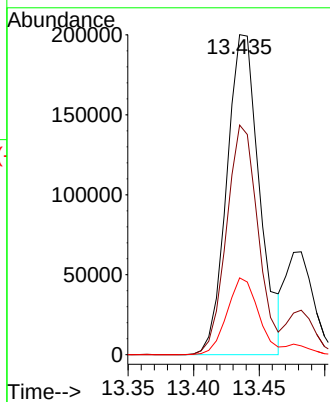
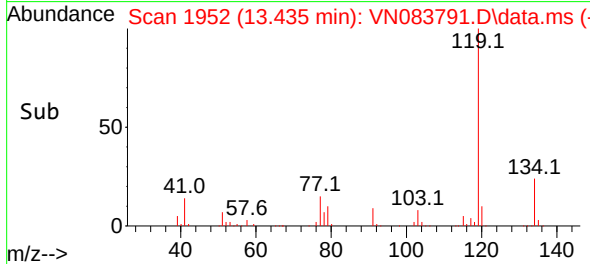
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



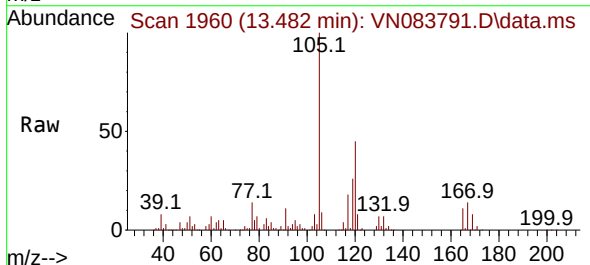
Tgt Ion:119 Resp: 348498
Ion Ratio Lower Upper
119 100
91 69.2 34.5 103.6
134 23.5 12.8 38.4

Manual Integrations
APPROVED

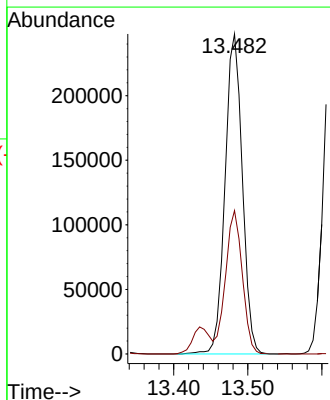
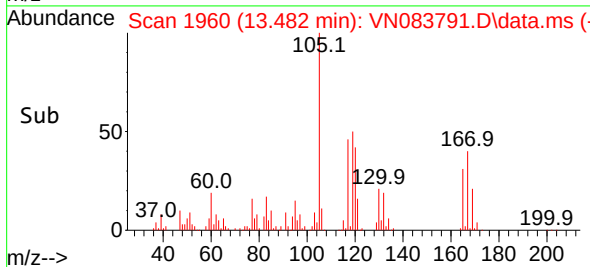
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

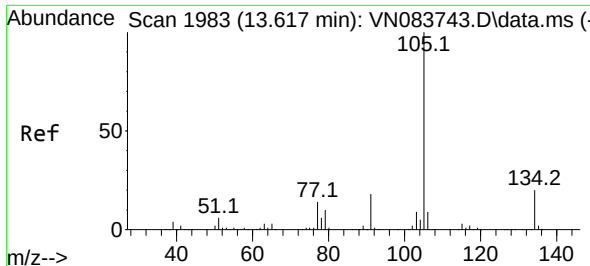


#84
1,2,4-Trimethylbenzene
Concen: 52.561 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59



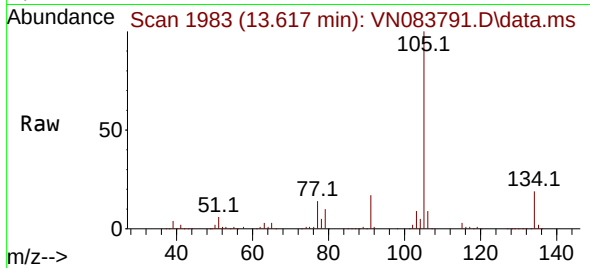
Tgt Ion:105 Resp: 400930
Ion Ratio Lower Upper
105 100
120 43.5 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 53.744 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083791.D
 Acq: 11 Sep 2024 12:59

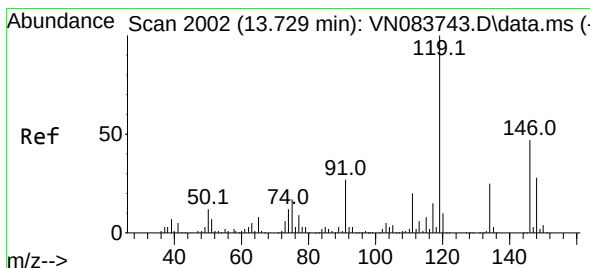
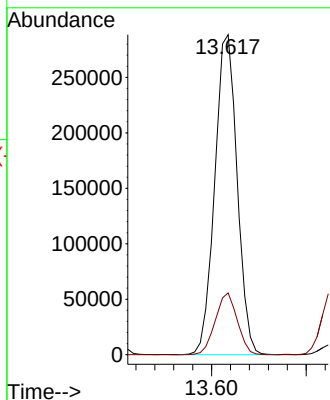
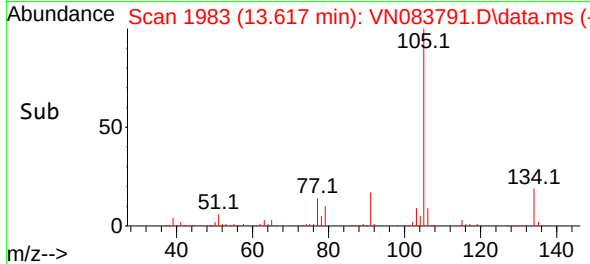
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



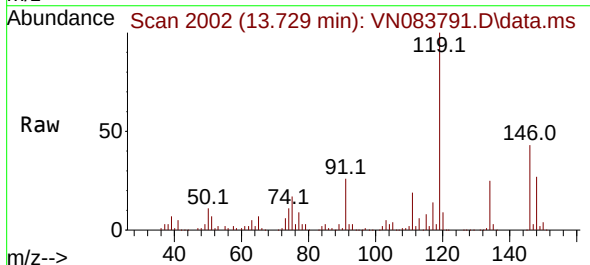
Tgt Ion:105 Resp: 47353
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.7 29.1

Manual Integrations
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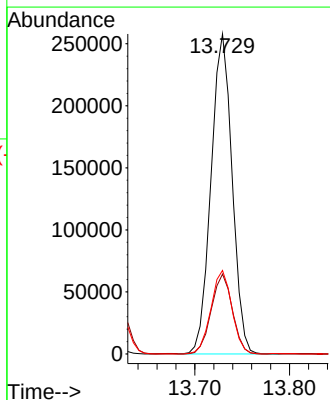
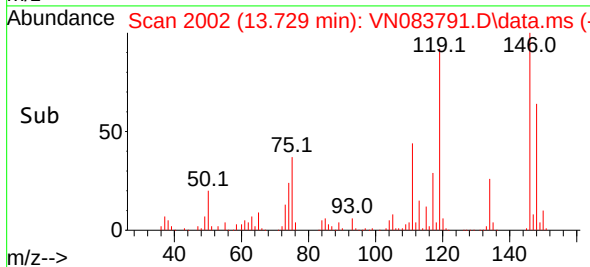
Reviewed By :John Carlone 09/12/2024
 Supervised By :Mahesh Dadoda 09/12/2024

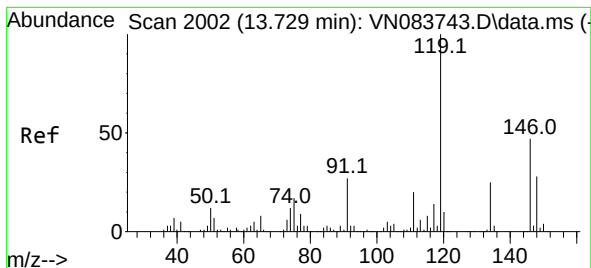


#86
 p-Isopropyltoluene
 Concen: 53.893 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083791.D
 Acq: 11 Sep 2024 12:59



Tgt Ion:119 Resp: 398051
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.8 38.3
 91 25.9 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 48.158 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN083791.D

Acq: 11 Sep 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 19704

Ion Ratio Lower Upper

146 100

111 43.0 21.7 65.1

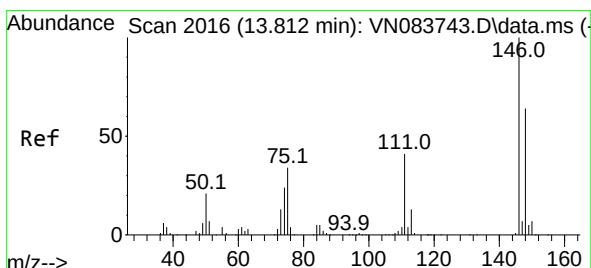
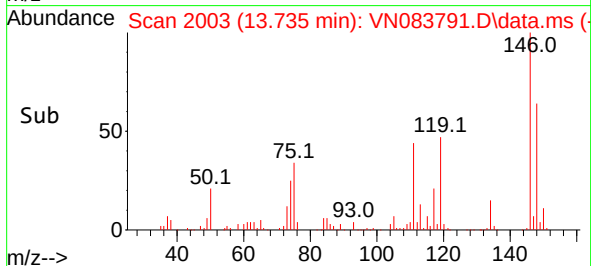
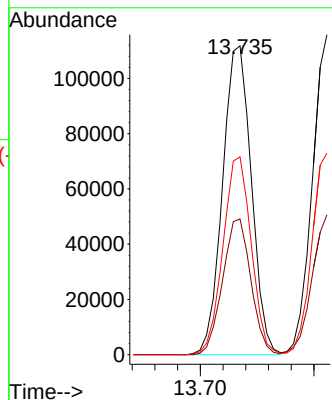
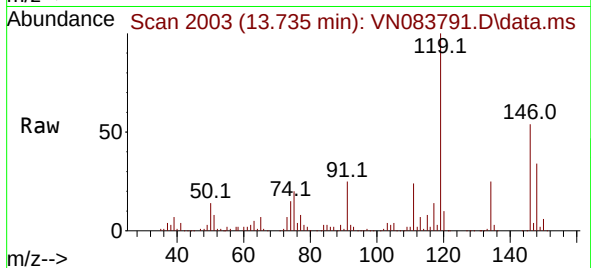
148 62.8 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2024

Supervised By :Mahesh Dadoda 09/12/2024



#88

1,4-Dichlorobenzene

Concen: 47.361 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN083791.D

Acq: 11 Sep 2024 12:59

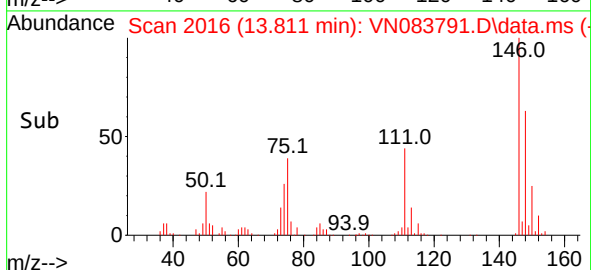
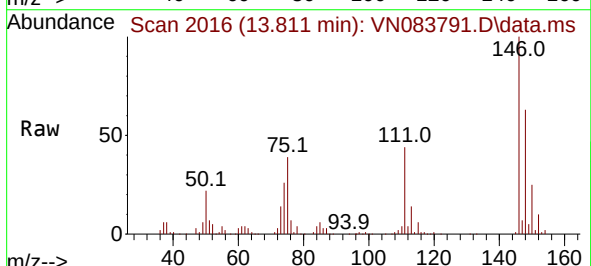
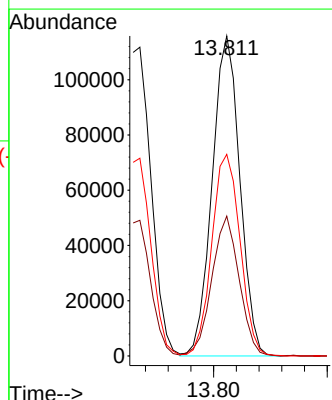
Tgt Ion:146 Resp: 196222

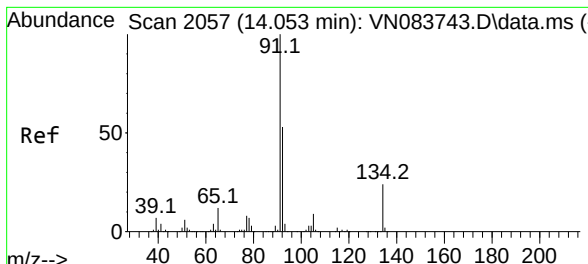
Ion Ratio Lower Upper

146 100

111 43.2 21.3 64.0

148 64.4 32.0 96.2





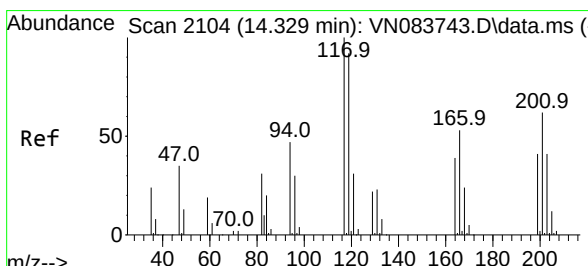
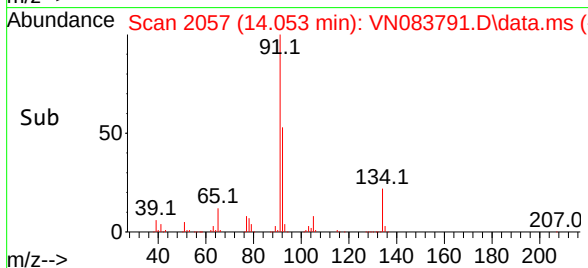
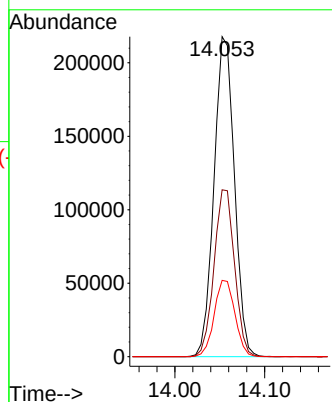
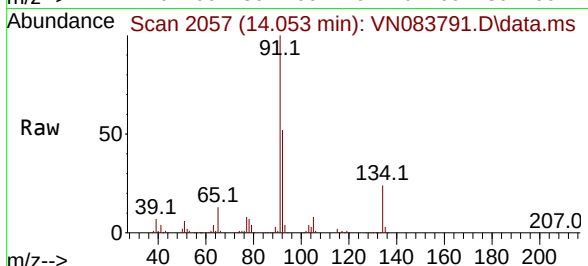
#89
n-Butylbenzene
Concen: 51.891 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 344110
Ion Ratio Lower Upper
91 100
92 52.4 26.7 80.1
134 24.2 12.2 36.4

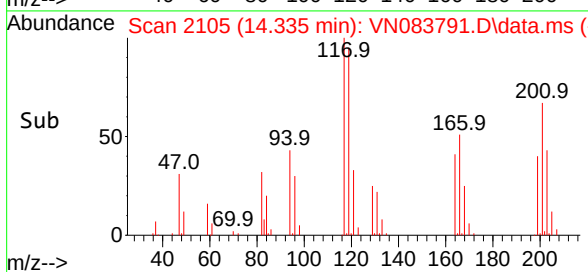
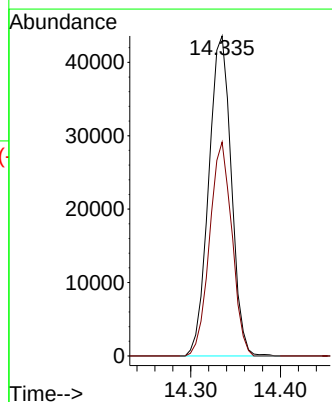
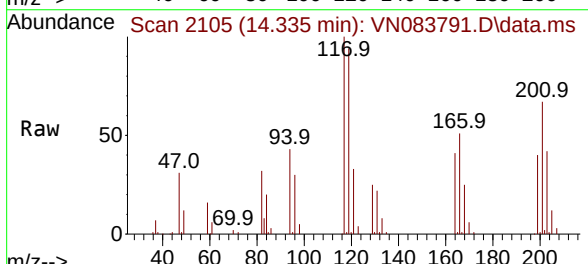
Manual Integrations
APPROVED

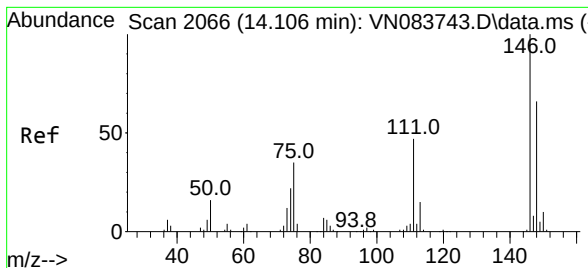
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#90
Hexachloroethane
Concen: 51.321 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

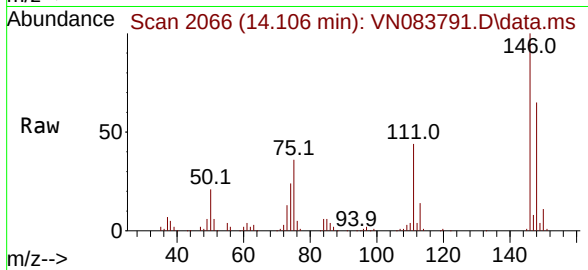
Tgt Ion:117 Resp: 76196
Ion Ratio Lower Upper
117 100
201 65.9 32.8 98.3





#91
1,2-Dichlorobenzene
Concen: 49.724 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

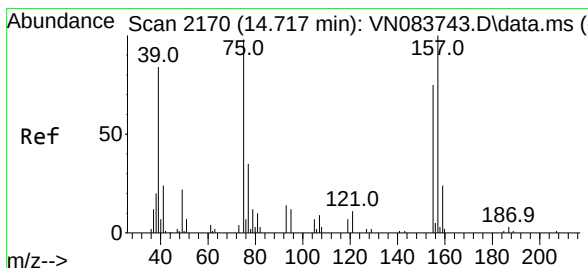
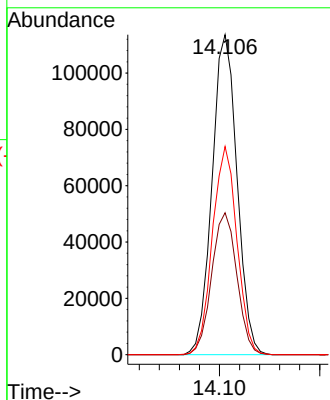
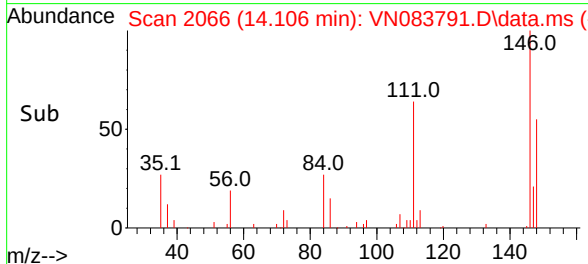
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



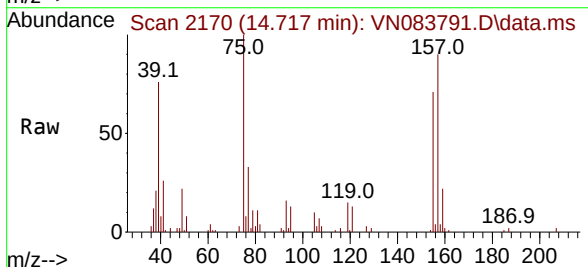
Tgt Ion:146 Resp: 196350
Ion Ratio Lower Upper
146 100
111 44.9 22.8 68.3
148 63.9 32.1 96.5

Manual Integrations
APPROVED

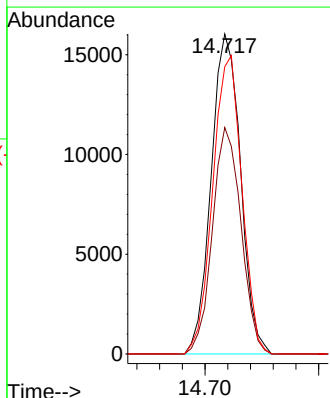
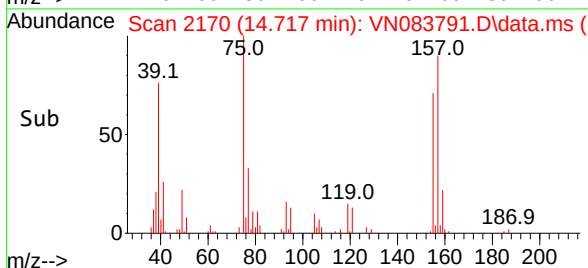
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024

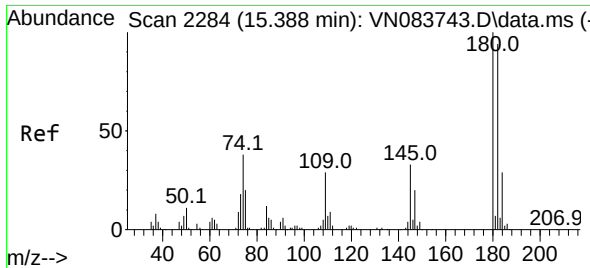


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.588 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59



Tgt Ion: 75 Resp: 28797
Ion Ratio Lower Upper
75 100
155 68.9 35.9 107.7
157 92.5 47.5 142.5





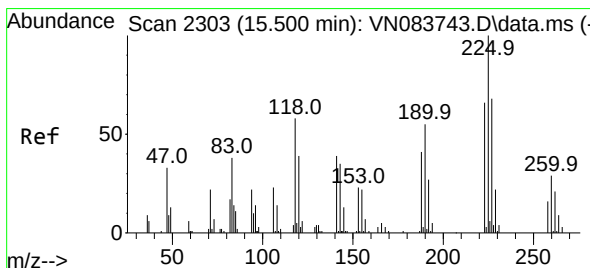
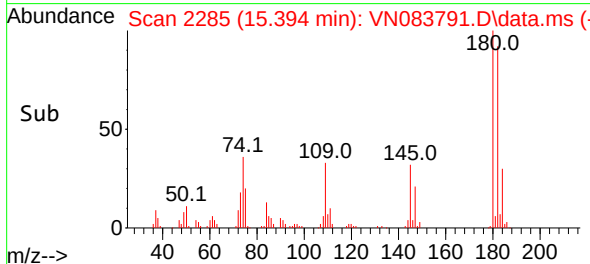
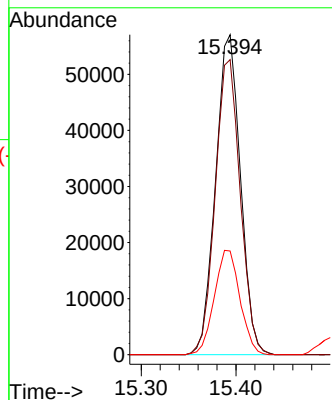
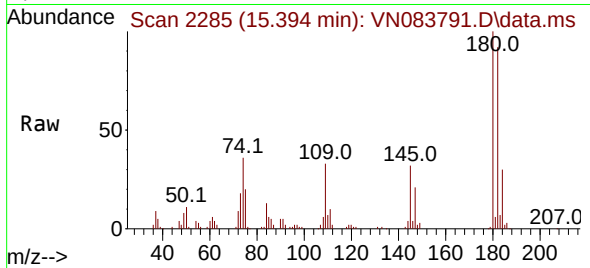
#93
1,2,4-Trichlorobenzene
Concen: 49.134 ug/l
RT: 15.394 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 10411
Ion Ratio Lower Upper
180 100
182 93.0 48.1 144.3
145 33.6 16.9 50.7

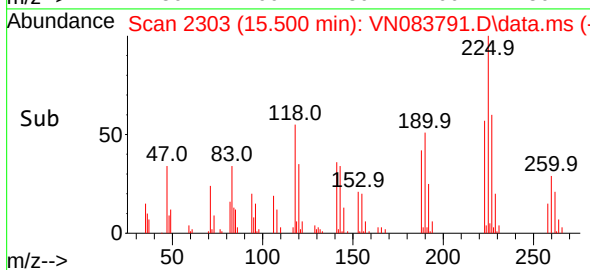
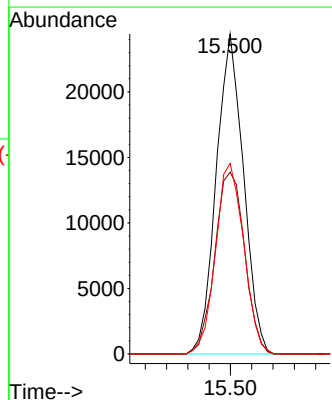
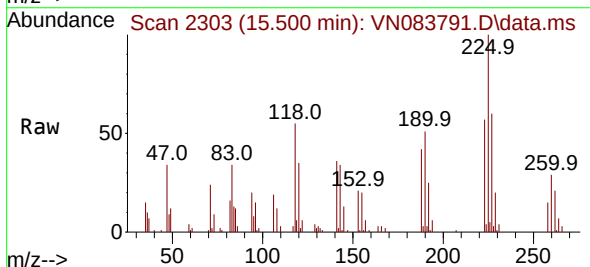
Manual Integrations
APPROVED

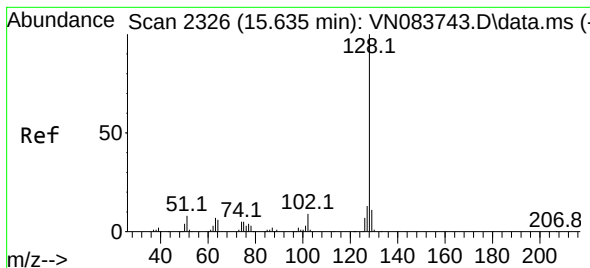
Reviewed By :John Carlone 09/12/2024
Supervised By :Mahesh Dadoda 09/12/2024



#94
Hexachlorobutadiene
Concen: 48.150 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN083791.D
Acq: 11 Sep 2024 12:59

Tgt Ion:225 Resp: 43330
Ion Ratio Lower Upper
225 100
223 62.0 31.9 95.5
227 61.7 32.0 96.2





#95

Naphthalene

Concen: 52.555 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN083791.D

Acq: 11 Sep 2024 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

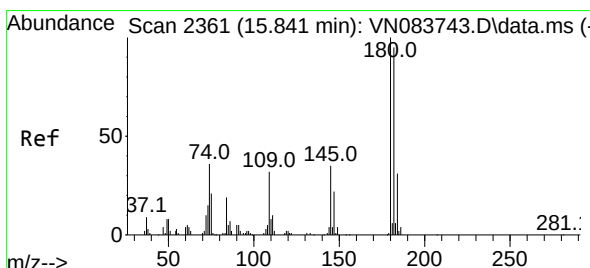
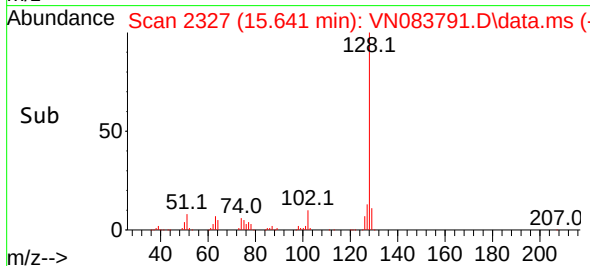
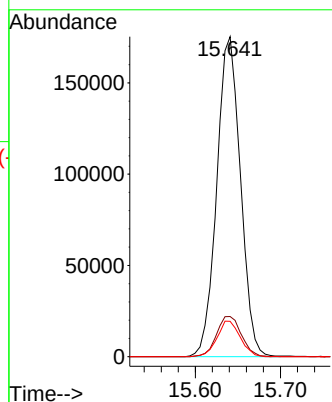
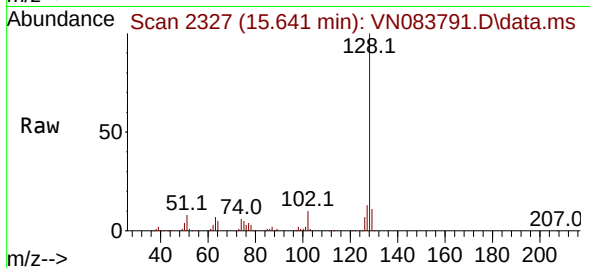
Tgt Ion:128	Resp: 338814
Ion Ratio	Lower Upper
128	100
127	13.2 10.2 15.2
129	10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2024

Supervised By :Mahesh Dadoda 09/12/2024



#96

1,2,3-Trichlorobenzene

Concen: 49.108 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN083791.D

Acq: 11 Sep 2024 12:59

Tgt Ion:180	Resp: 99451
Ion Ratio	Lower Upper
180	100
182	95.1 47.1 141.4
145	36.0 17.8 53.5

