

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083273.D
 Acq On : 14 Aug 2024 02:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 14 03:26:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 03:26:08 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/14/2024
 Supervised By : Mahesh Dadoda 08/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	173401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130108	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122516	49.638	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.280%
35) Dibromofluoromethane	8.165	113	90327	47.268	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.540%
50) Toluene-d8	10.565	98	338943	47.549	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.100%
62) 4-Bromofluorobenzene	12.847	95	132226	47.580	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	95.160%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	90466	46.006	ug/l	96
3) Chloromethane	2.365	50	91400	45.401	ug/l	98
4) Vinyl Chloride	2.512	62	99698	48.533	ug/l	97
5) Bromomethane	2.942	94	57436	45.060	ug/l	98
6) Chloroethane	3.112	64	64761	50.390	ug/l	99
7) Trichlorofluoromethane	3.495	101	170380	50.207	ug/l	100
8) Diethyl Ether	3.959	74	61021	48.323	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	92740	49.568	ug/l	97
10) Methyl Iodide	4.589	142	106536	43.287	ug/l	99
11) Tert butyl alcohol	5.524	59	121460	236.796	ug/l	99
12) 1,1-Dichloroethene	4.336	96	87675	45.612	ug/l	94
13) Acrolein	4.177	56	65834	196.931	ug/l	98
14) Allyl chloride	5.024	41	145530	40.064	ug/l	94
15) Acrylonitrile	5.718	53	247750	234.853	ug/l	99
16) Acetone	4.424	43	205078	212.343	ug/l	98
17) Carbon Disulfide	4.706	76	228102	40.556	ug/l	98
18) Methyl Acetate	5.024	43	140082	48.682	ug/l	93
19) Methyl tert-butyl Ether	5.795	73	336684	48.527	ug/l	99
20) Methylene Chloride	5.277	84	100981	45.431	ug/l	88
21) trans-1,2-Dichloroethene	5.783	96	92774	46.698	ug/l	96
22) Diisopropyl ether	6.671	45	345219	50.559	ug/l	97
23) Vinyl Acetate	6.600	43	1717642m	245.427	ug/l	
24) 1,1-Dichloroethane	6.565	63	186243	50.042	ug/l	100
25) 2-Butanone	7.483	43	336054	226.614	ug/l	94
26) 2,2-Dichloropropane	7.489	77	115695	33.474	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	116118	48.436	ug/l	89
28) Bromochloromethane	7.812	49	73126	48.079	ug/l	86
29) Tetrahydrofuran	7.841	42	222339	231.937	ug/l	89
30) Chloroform	7.965	83	200122	51.757	ug/l	99
31) Cyclohexane	8.259	56	156417	42.764	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	185672	50.731	ug/l	96
36) 1,1-Dichloropropene	8.371	75	135648	46.925	ug/l	99
37) Ethyl Acetate	7.559	43	137449	42.466	ug/l #	93
38) Carbon Tetrachloride	8.365	117	159134	48.876	ug/l	99
39) Methylcyclohexane	9.600	83	155926	43.916	ug/l	96
40) Benzene	8.606	78	415815	48.285	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	81416	44.240	ug/l	95
42) 1,2-Dichloroethane	8.671	62	156783	49.978	ug/l	99
43) Isopropyl Acetate	8.688	43	260306	46.121	ug/l #	94
44) Trichloroethene	9.353	130	98415	48.013	ug/l	97
45) 1,2-Dichloropropane	9.618	63	101068	49.443	ug/l	99
46) Dibromomethane	9.706	93	73606	50.307	ug/l	99
47) Bromodichloromethane	9.888	83	163926	49.897	ug/l	98
48) Methyl methacrylate	9.682	41	121167	45.281	ug/l	93
49) 1,4-Dioxane	9.694	88	40696	842.987	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	725322	236.978	ug/l	93
52) Toluene	10.630	92	265163	48.733	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	157356	46.629	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	163678	45.600	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	97875	50.194	ug/l	98
56) Ethyl methacrylate	10.871	69	175704	47.798	ug/l	88
57) 1,3-Dichloropropane	11.165	76	174124	50.099	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	372196	239.532	ug/l	96
59) 2-Hexanone	11.194	43	535223	226.034	ug/l	93
60) Dibromochloromethane	11.359	129	120644	51.173	ug/l	98
61) 1,2-Dibromoethane	11.471	107	101266	49.436	ug/l	97
64) Tetrachloroethene	11.106	164	86650	48.491	ug/l	96
65) Chlorobenzene	11.894	112	283451	47.539	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	100637	47.857	ug/l	100
67) Ethyl Benzene	11.965	91	524382	47.941	ug/l	98
68) m/p-Xylenes	12.071	106	395309	96.479	ug/l	99
69) o-Xylene	12.400	106	193761	47.948	ug/l	100
70) Styrene	12.412	104	331385	48.825	ug/l	99
71) Bromoform	12.576	173	75736	47.541	ug/l #	97
73) Isopropylbenzene	12.694	105	501606	46.093	ug/l	100
74) N-amyl acetate	12.494	43	228068	42.845	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	140731	45.722	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	125319m	43.886	ug/l	
77) Bromobenzene	12.976	156	114435	47.337	ug/l	97
78) n-propylbenzene	13.035	91	589118	47.013	ug/l	99
79) 2-Chlorotoluene	13.123	91	364980	45.940	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	425635	46.717	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	46990	35.795	ug/l	97
82) 4-Chlorotoluene	13.218	91	370428	46.484	ug/l	97
83) tert-Butylbenzene	13.435	119	374894	46.463	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	435034	47.380	ug/l	98
85) sec-Butylbenzene	13.618	105	510406	46.360	ug/l	99
86) p-Isopropyltoluene	13.729	119	428320	47.118	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	212036	46.613	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	209492	45.682	ug/l	98
89) n-Butylbenzene	14.053	91	364428	46.266	ug/l	98
90) Hexachloroethane	14.335	117	80859	46.041	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	204215	46.393	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31578	42.279	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	111553	45.235	ug/l	98
94) Hexachlorobutadiene	15.500	225	44878	40.920	ug/l	98
95) Naphthalene	15.641	128	384733	44.043	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	110878	45.439	ug/l	94

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

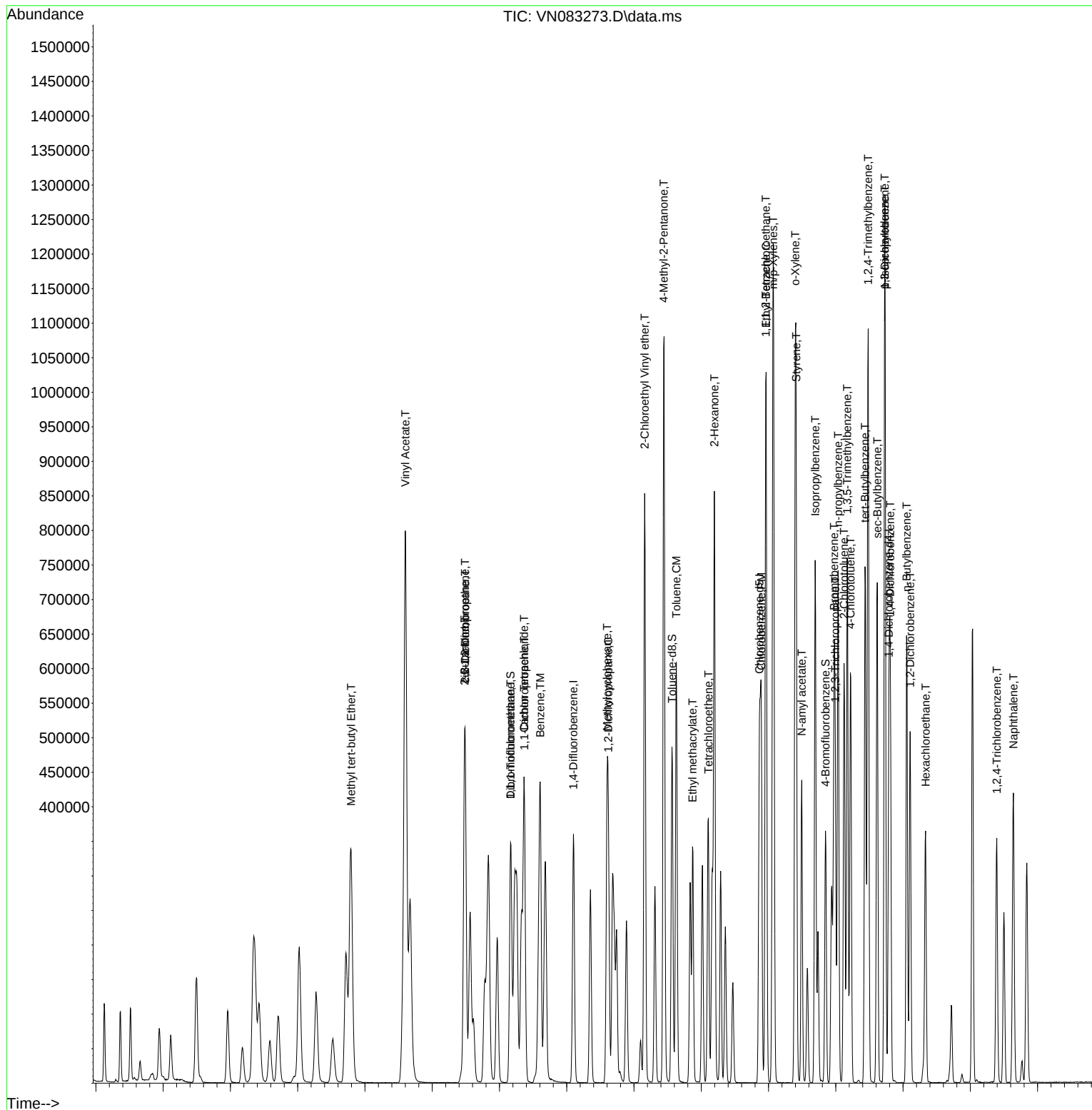
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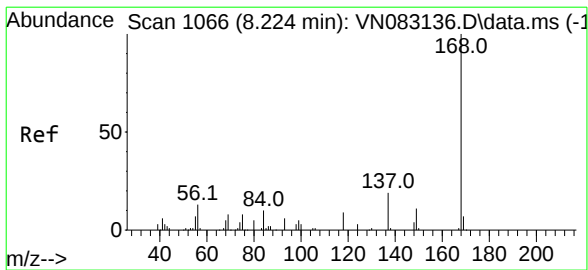
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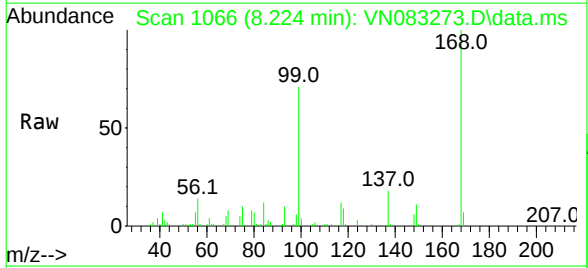
Reviewed By : John Carlone 08/14/2024
Supervised By : Mahesh Dadoda 08/14/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

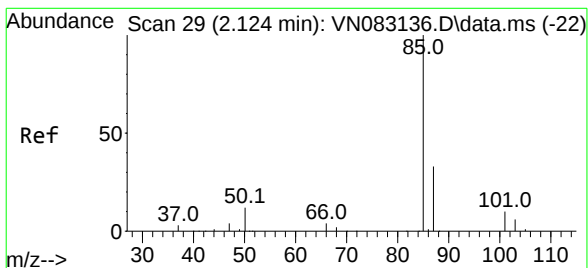
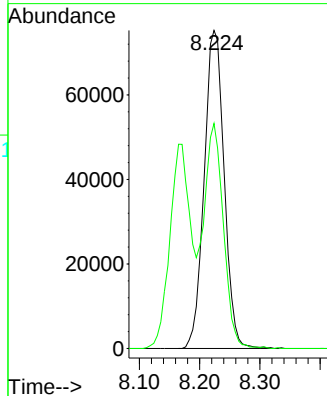
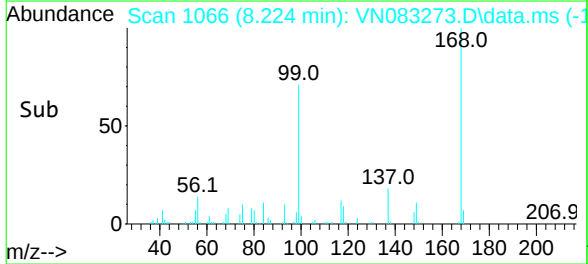
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 168 Resp: 173401
Ion Ratio Lower Upper
168 100
99 70.5 48.2 72.4

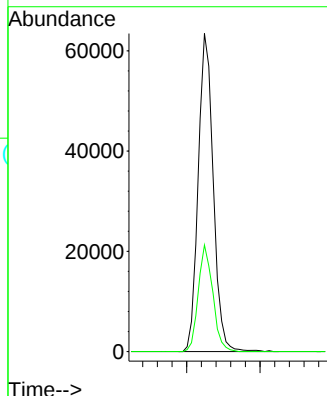
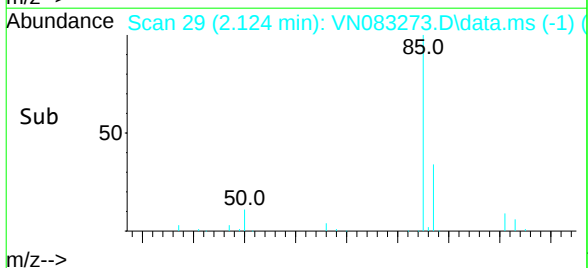
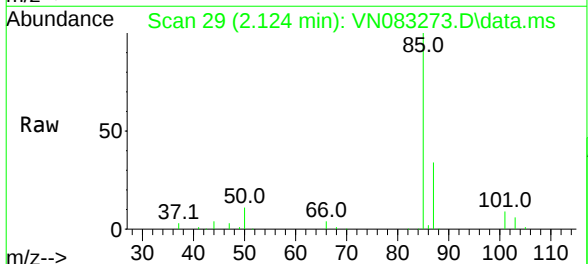
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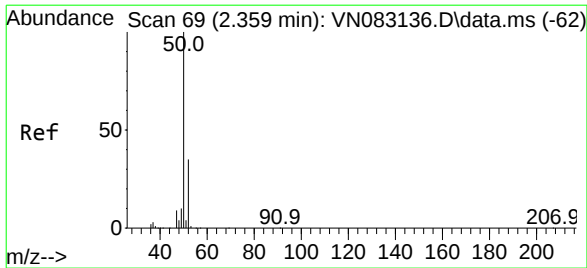
Reviewed By : John Carlone 08/14/2024
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#2
Dichlorodifluoromethane
Concen: 46.006 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Tgt Ion: 85 Resp: 90466
Ion Ratio Lower Upper
85 100
87 33.5 15.7 47.0





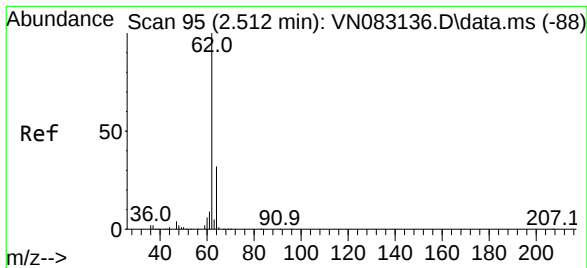
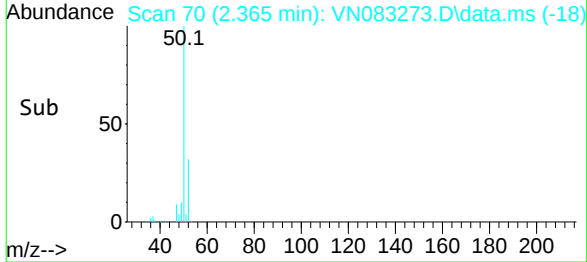
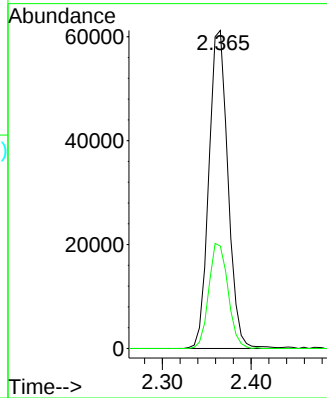
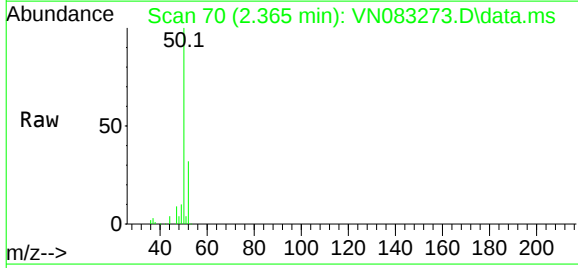
#3
Chloromethane
Concen: 45.401 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 91400
Ion Ratio Lower Upper
50 100
52 32.2 25.0 37.4

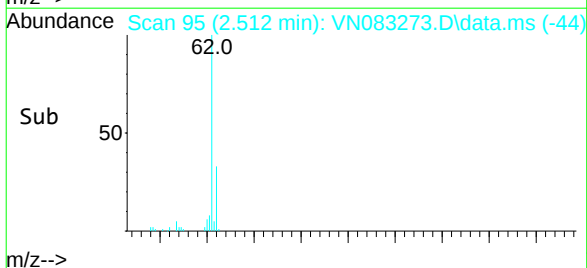
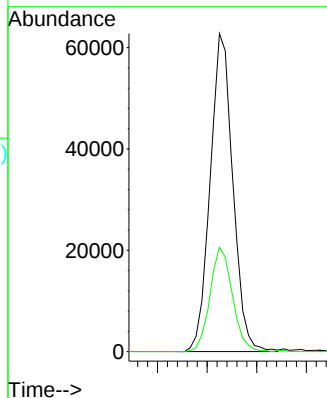
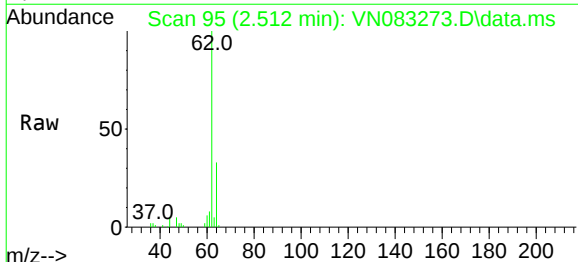
Manual Integrations
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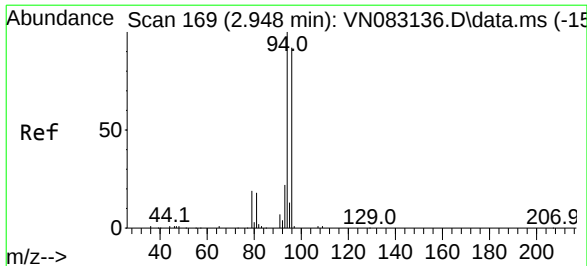
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#4
Vinyl Chloride
Concen: 48.533 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

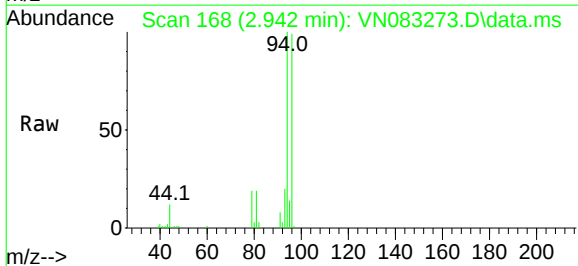
Tgt Ion: 62 Resp: 99698
Ion Ratio Lower Upper
62 100
64 32.8 25.0 37.6





#5
Bromomethane
Concen: 45.060 ug/l
RT: 2.942 min Scan# 169
Delta R.T. -0.006 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

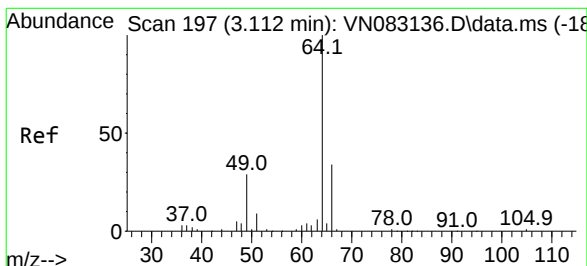
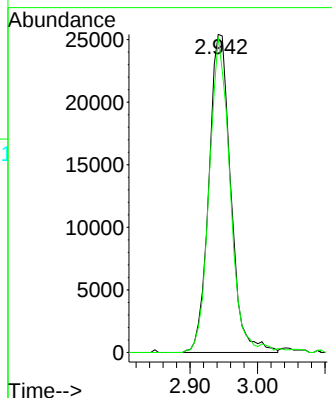
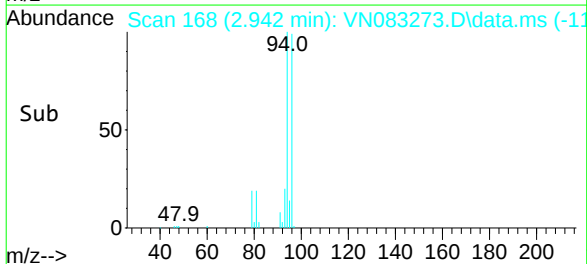
Instrument :
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Tgt Ion: 94 Resp: 57436
Ion Ratio Lower Upper
94 100
96 99.2 78.0 117.0

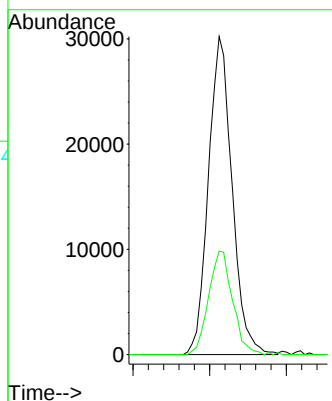
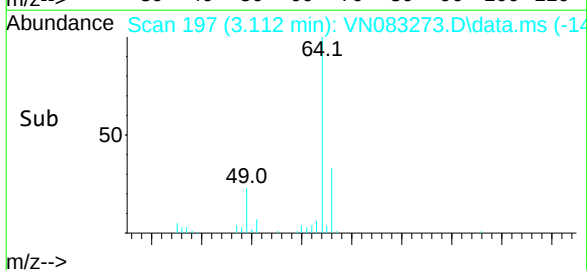
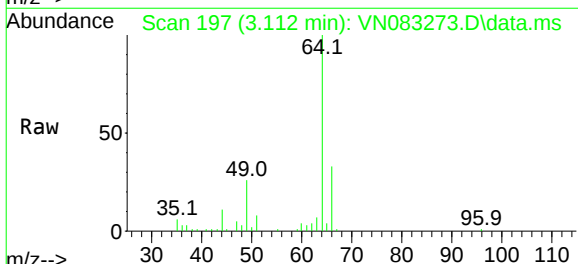
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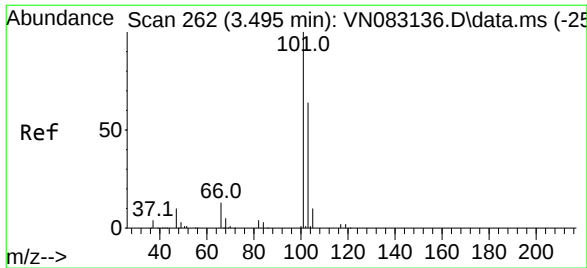
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#6
Chloroethane
Concen: 50.390 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Tgt Ion: 64 Resp: 64761
Ion Ratio Lower Upper
64 100
66 32.5 26.6 40.0





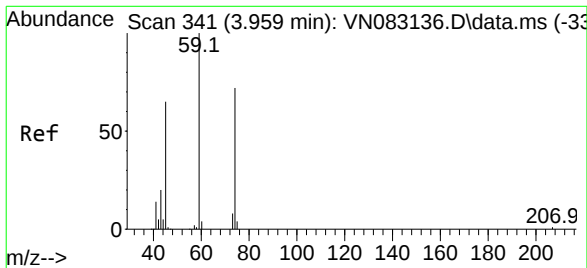
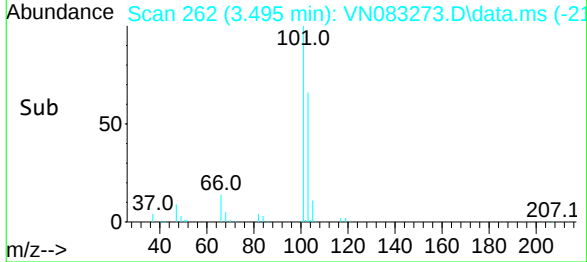
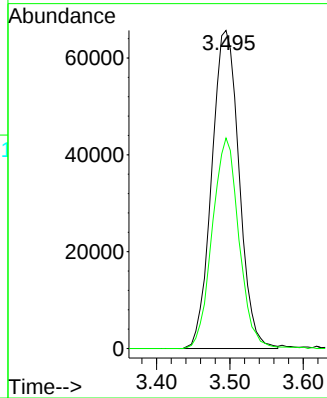
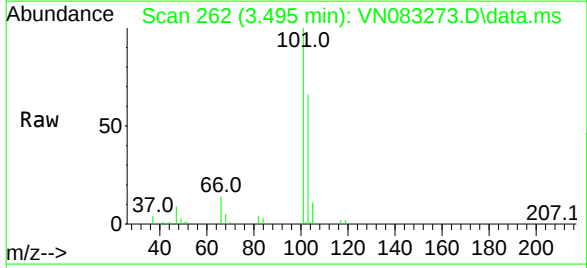
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Trichlorofluoromethane
Concen: 50.207 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 170380
Ion Ratio Lower Upper
101 100
103 66.1 52.7 79.1

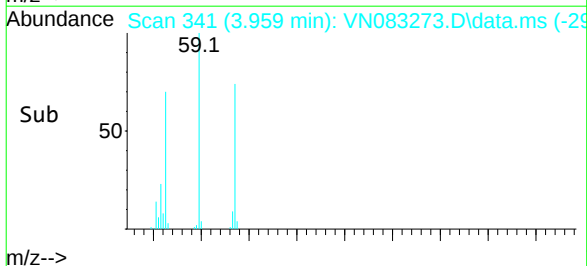
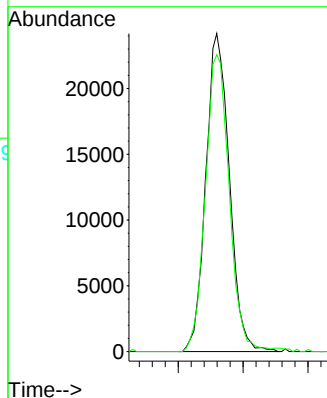
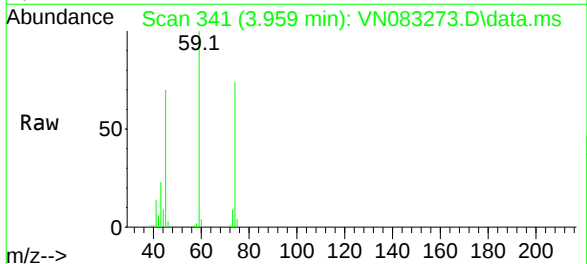
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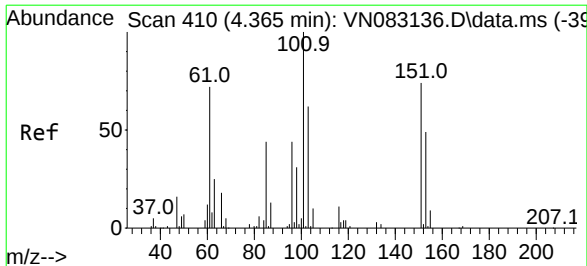
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#8
Diethyl Ether
Concen: 48.323 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Tgt Ion: 74 Resp: 61021
Ion Ratio Lower Upper
74 100
45 94.4 55.5 166.3





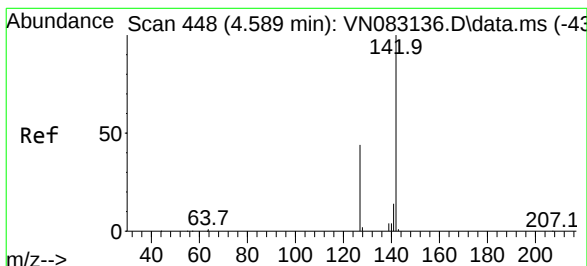
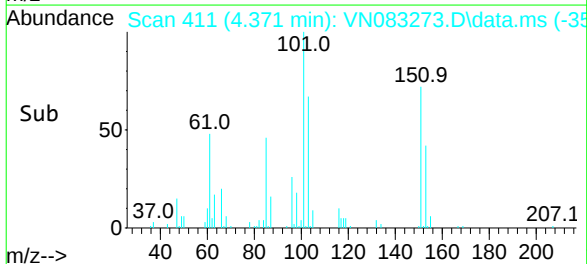
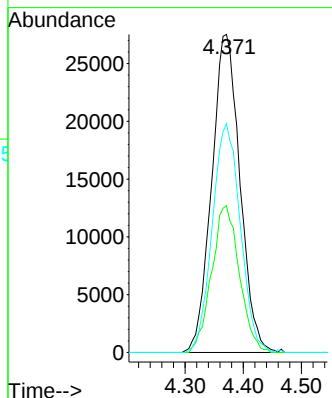
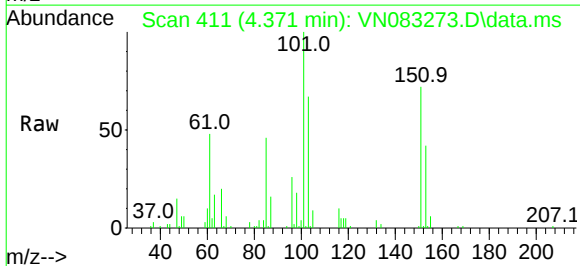
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.568 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 92740
Ion Ratio Lower Upper
101 100
85 45.3 38.3 57.5
151 71.5 59.3 88.9

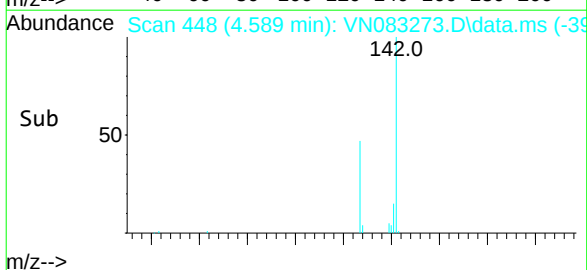
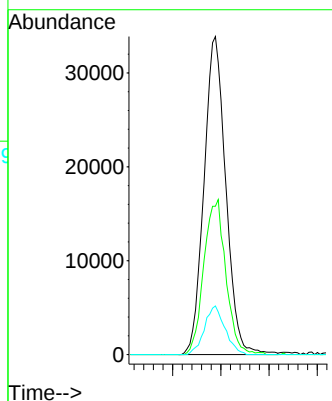
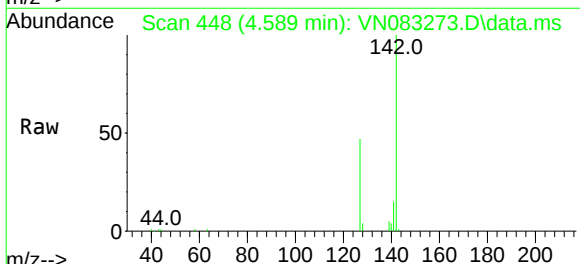
Manual Integrations
APPROVED

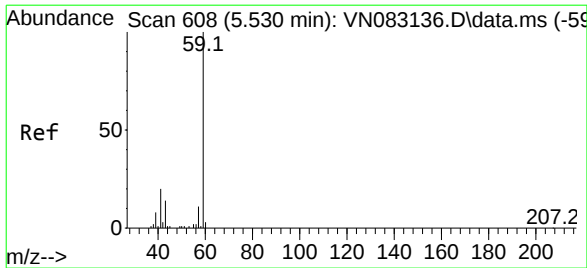
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#10
Methyl Iodide
Concen: 43.287 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

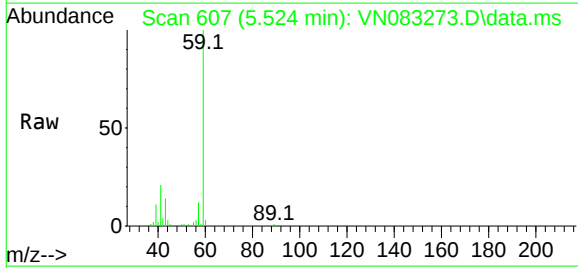
Tgt Ion:142 Resp: 106536
Ion Ratio Lower Upper
142 100
127 46.6 37.5 56.3
141 15.3 13.1 19.7





#11
Tert butyl alcohol
Concen: 236.796 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

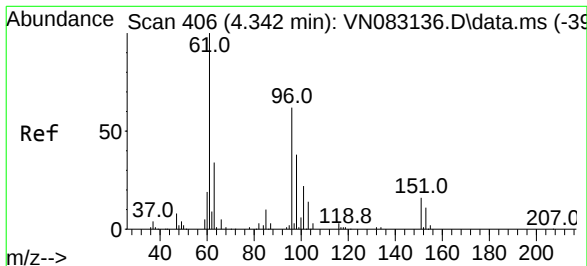
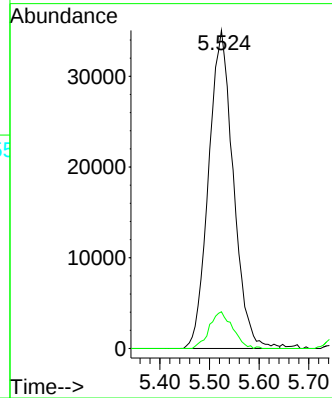
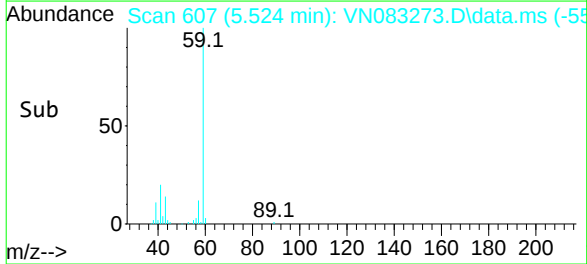
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



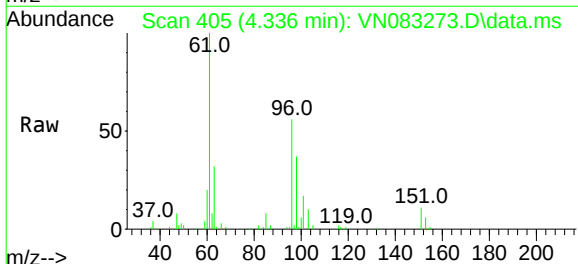
Tgt Ion: 59 Resp: 121466
Ion Ratio Lower Upper
59 100
57 10.9 8.9 13.3

Manual Integrations
APPROVED

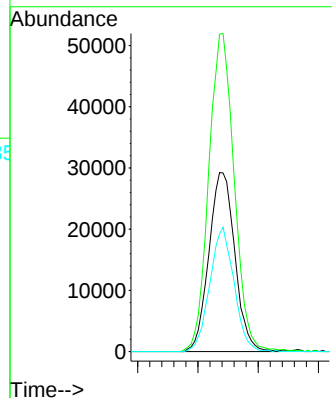
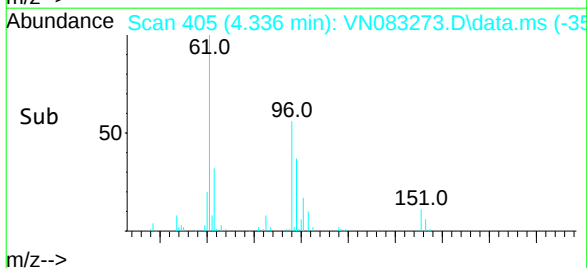
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

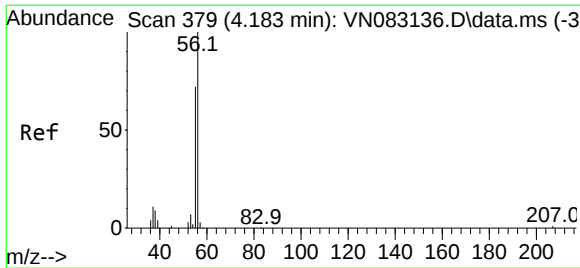


#12
1,1-Dichloroethene
Concen: 45.612 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14



Tgt Ion: 96 Resp: 87675
Ion Ratio Lower Upper
96 100
61 177.2 149.7 224.5
98 65.7 50.1 75.1





#13

Acrolein

Concen: 196.931 ug/l

RT: 4.177 min Scan# 37

Delta R.T. -0.006 min

Lab File: VN083273.D

Acq: 14 Aug 2024 02:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 65834

Ion Ratio Lower Upper

56 100

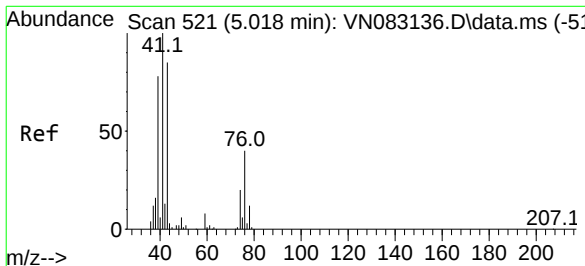
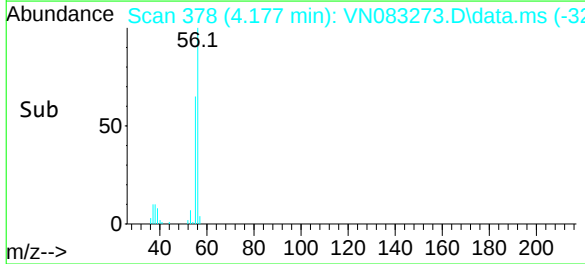
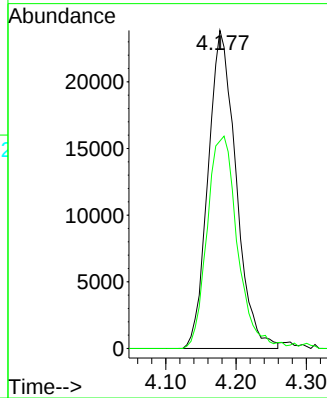
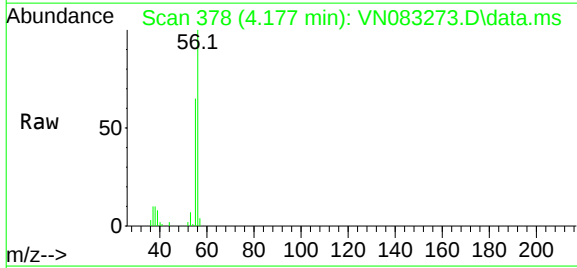
55 72.5 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2024

Supervised By :Mahesh Dadoda 08/14/2024



#14

Allyl chloride

Concen: 40.064 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN083273.D

Acq: 14 Aug 2024 02:14

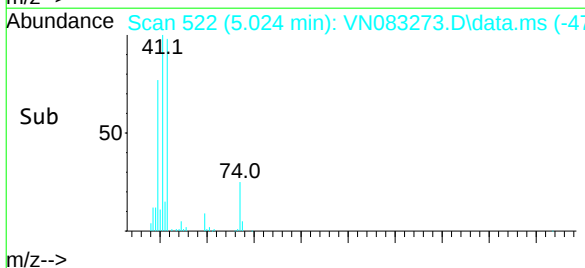
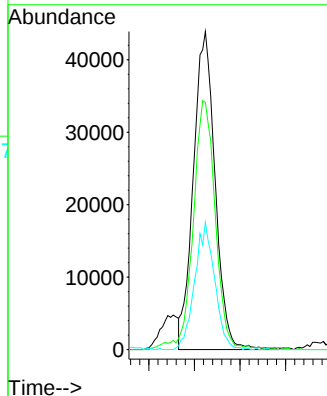
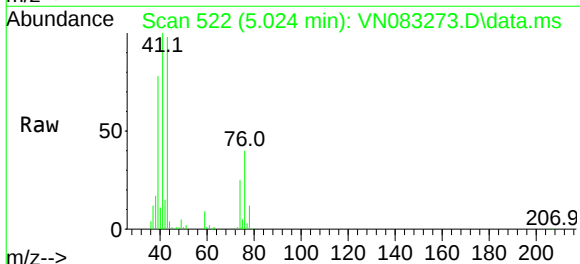
Tgt Ion: 41 Resp: 145530

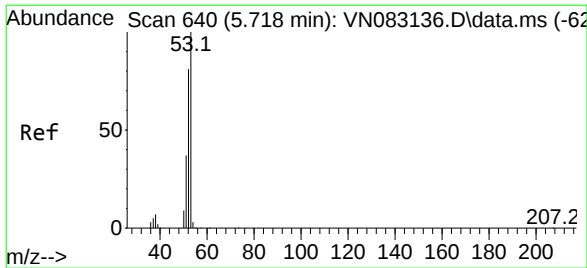
Ion Ratio Lower Upper

41 100

39 79.9 67.8 101.6

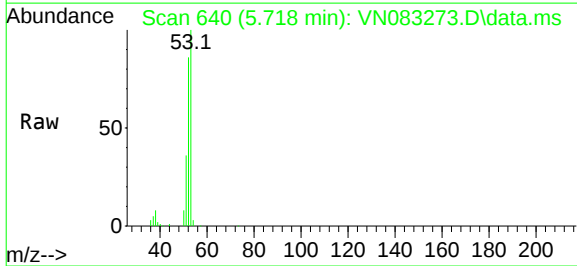
76 36.7 25.8 38.8





#15
Acrylonitrile
Concen: 234.853 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

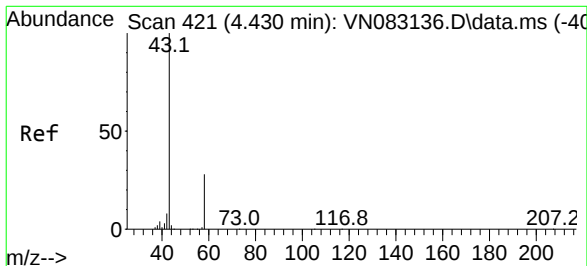
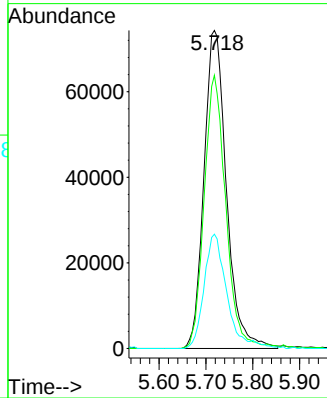
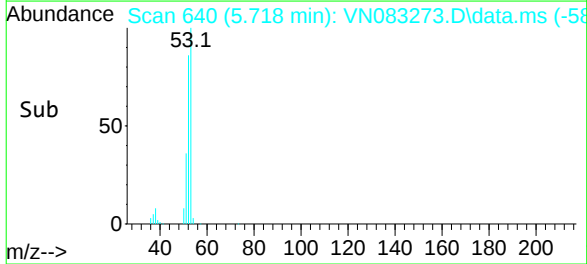
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



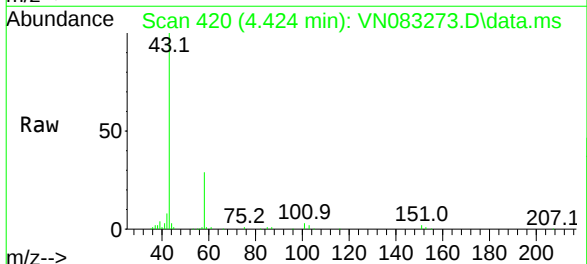
Tgt Ion: 53 Resp: 247750
Ion Ratio Lower Upper
53 100
52 82.1 66.6 100.0
51 36.5 30.1 45.1

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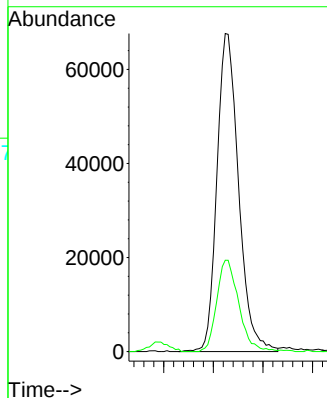
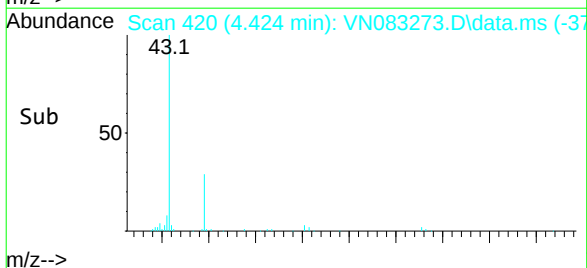
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

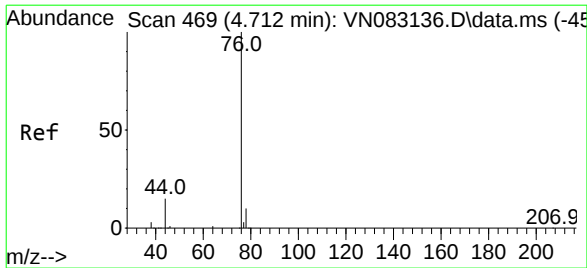


#16
Acetone
Concen: 212.343 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14



Tgt Ion: 43 Resp: 205078
Ion Ratio Lower Upper
43 100
58 28.4 21.8 32.6





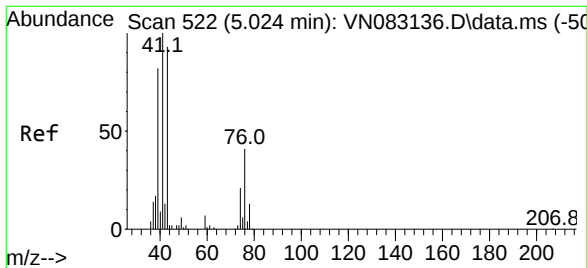
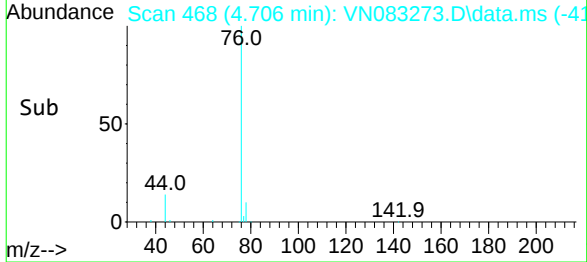
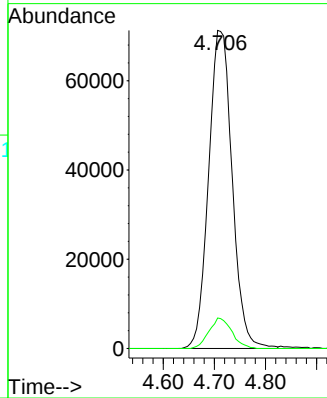
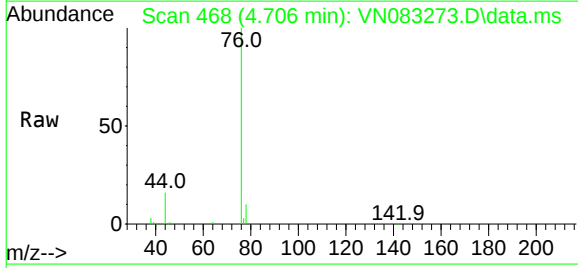
#17
Carbon Disulfide
Concen: 40.556 ug/l
RT: 4.706 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 228102
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

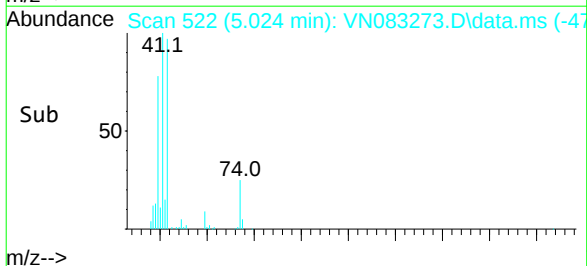
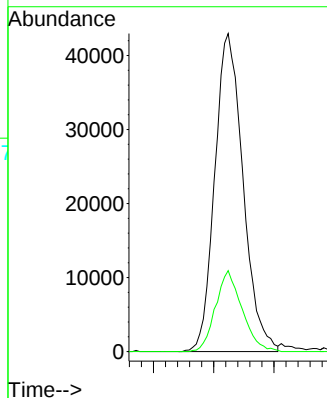
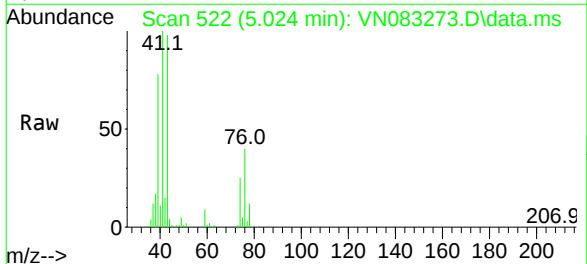
Manual Integrations
APPROVED

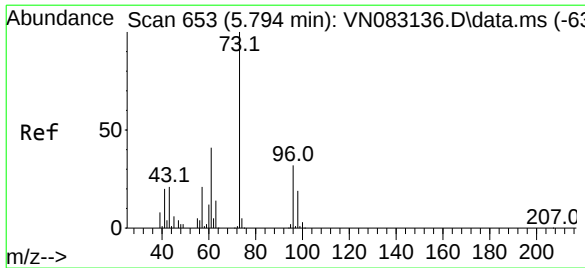
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#18
Methyl Acetate
Concen: 48.682 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Tgt Ion: 43 Resp: 140082
Ion Ratio Lower Upper
43 100
74 23.9 16.3 24.5





#19

Methyl tert-butyl Ether

Concen: 48.527 ug/l

RT: 5.795 min Scan# 65

Delta R.T. 0.000 min

Lab File: VN083273.D

Acq: 14 Aug 2024 02:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 336684

Ion Ratio Lower Upper

73 100

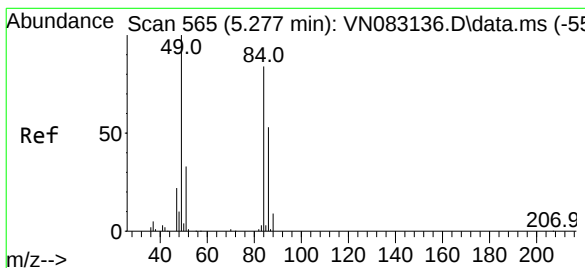
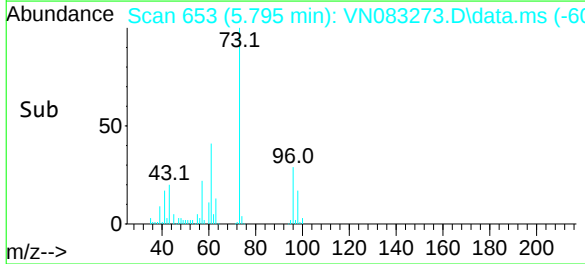
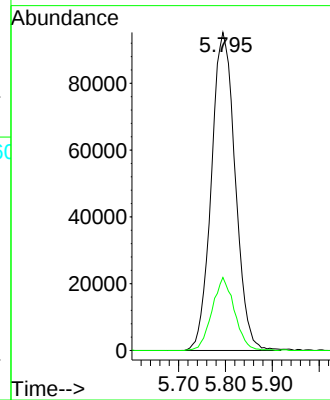
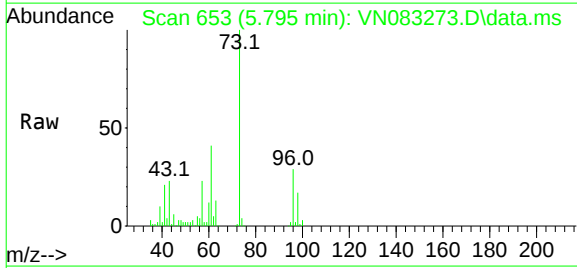
57 23.0 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2024

Supervised By :Mahesh Dadoda 08/14/2024



#20

Methylene Chloride

Concen: 45.431 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.000 min

Lab File: VN083273.D

Acq: 14 Aug 2024 02:14

Tgt Ion: 84 Resp: 100981

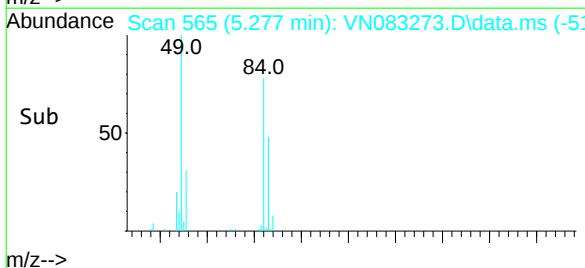
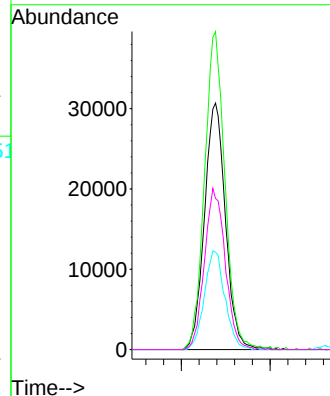
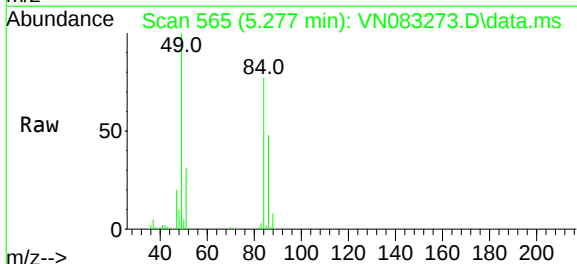
Ion Ratio Lower Upper

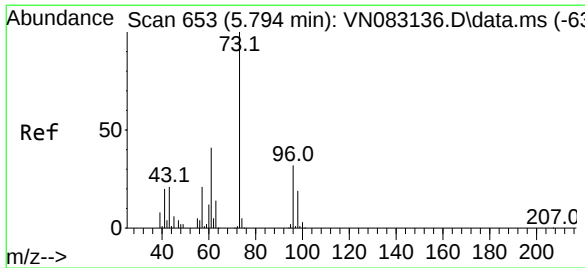
84 100

49 129.0 119.6 179.4

51 39.5 34.8 52.2

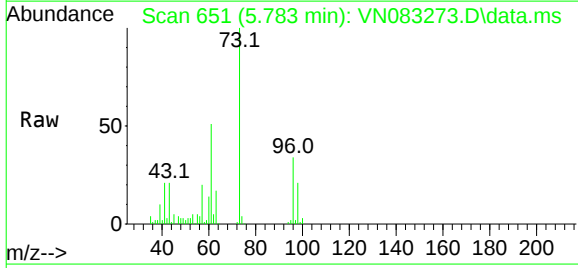
86 61.3 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 46.698 ug/l
RT: 5.783 min Scan# 65
Delta R.T. -0.012 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

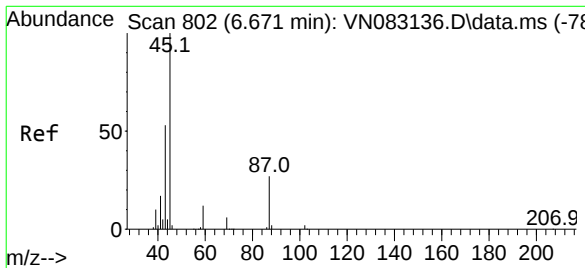
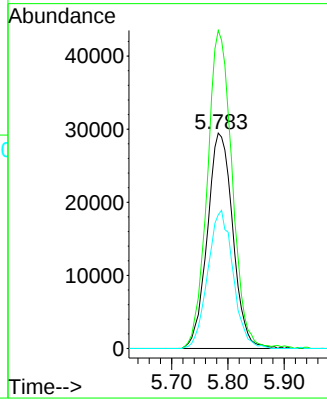
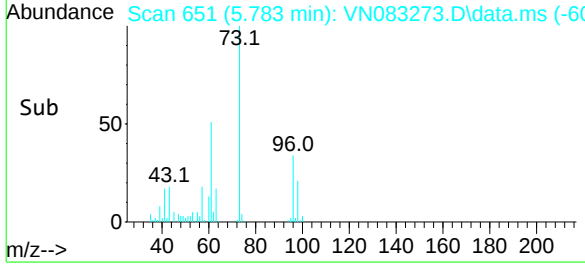
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



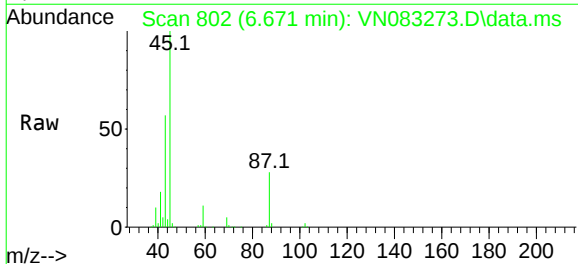
Tgt Ion: 96 Resp: 92774
Ion Ratio Lower Upper
96 100
61 147.7 123.4 185.2
98 62.1 49.3 73.9

Manual Integrations
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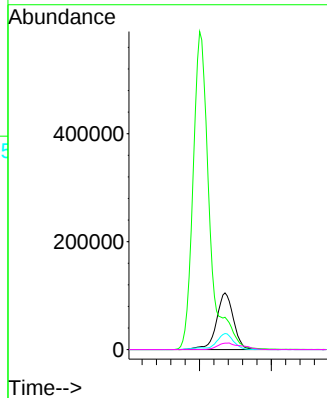
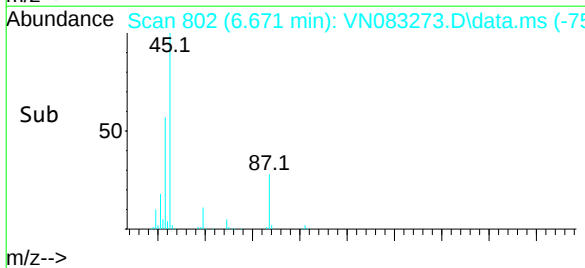
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

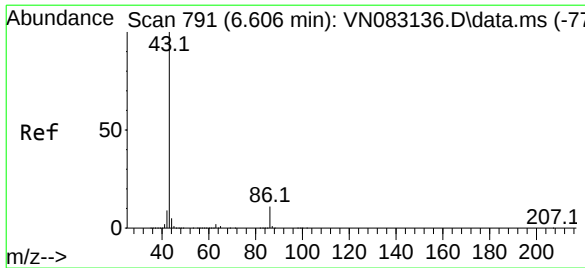


#22
Diisopropyl ether
Concen: 50.559 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14



Tgt Ion: 45 Resp: 345219
Ion Ratio Lower Upper
45 100
43 56.3 44.0 66.0
87 28.3 19.7 29.5
59 11.3 8.5 12.7





#23

Vinyl Acetate

Concen: 245.427 ug/l m

RT: 6.600 min Scan# 791

Delta R.T. -0.006 min

Lab File: VN083273.D

Acq: 14 Aug 2024 02:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1717642

Ion Ratio Lower Upper

43 100

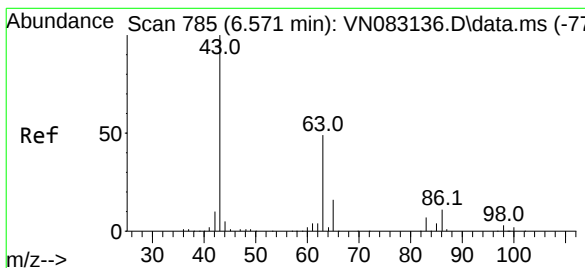
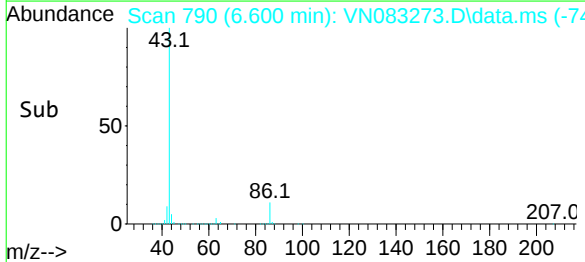
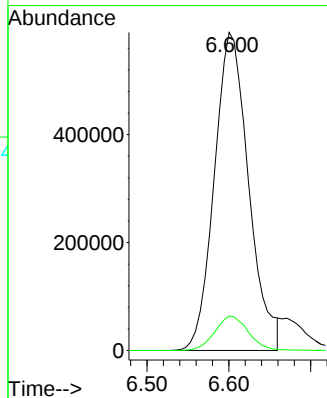
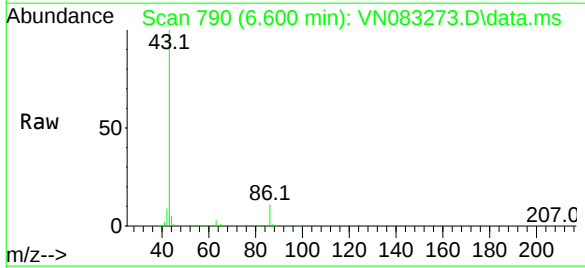
86 10.8 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2024

Supervised By :Mahesh Dadoda 08/14/2024



#24

1,1-Dichloroethane

Concen: 50.042 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.006 min

Lab File: VN083273.D

Acq: 14 Aug 2024 02:14

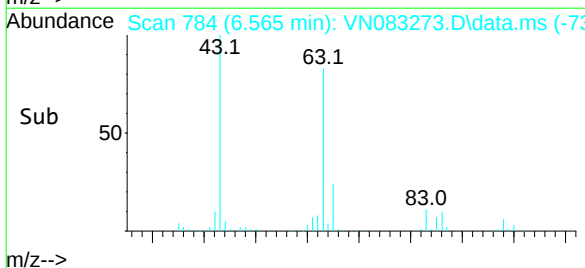
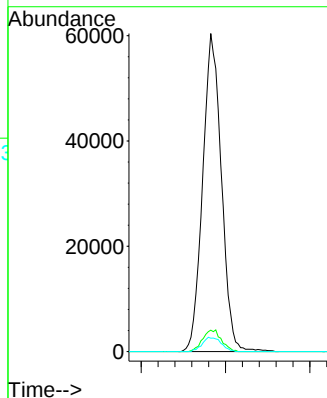
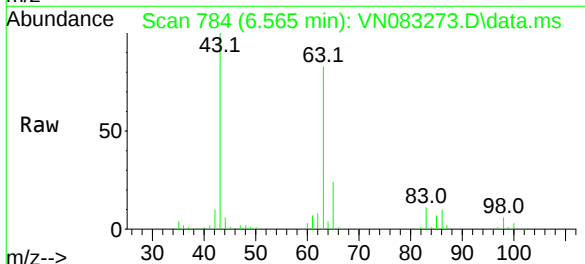
Tgt Ion: 63 Resp: 186243

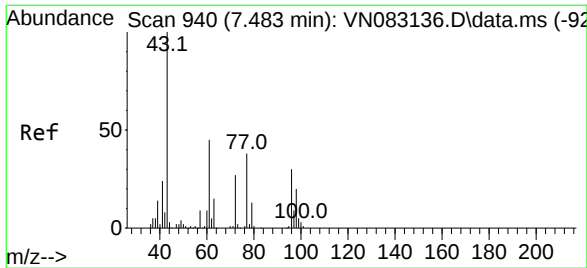
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

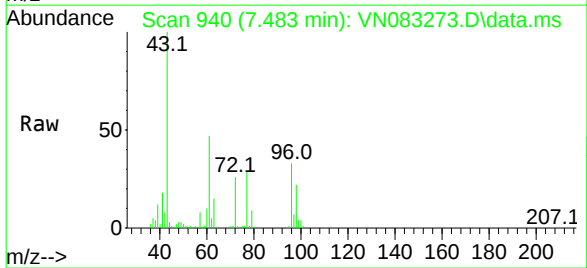
100 4.2 2.0 6.0





#25
2-Butanone
Concen: 226.614 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

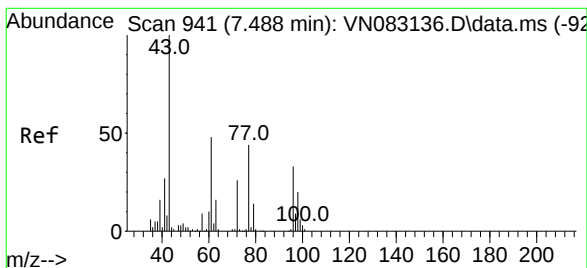
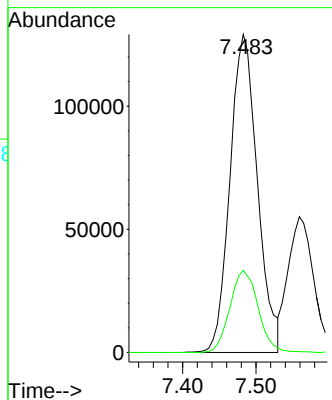
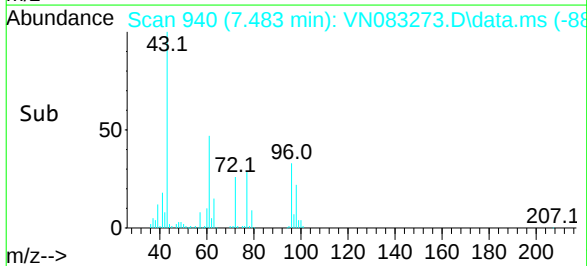
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



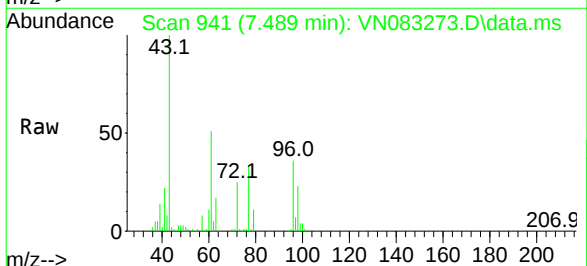
Tgt Ion: 43 Resp: 336054
Ion Ratio Lower Upper
43 100
72 25.8 18.2 27.2

Manual Integrations
APPROVED

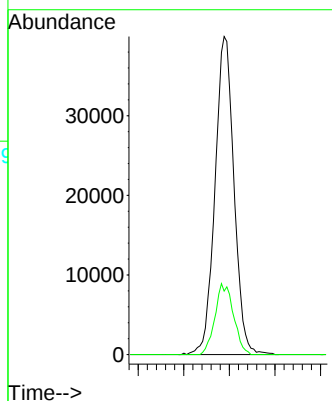
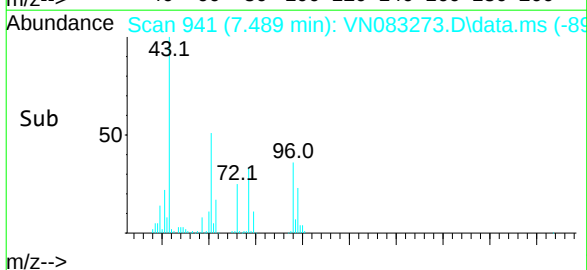
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

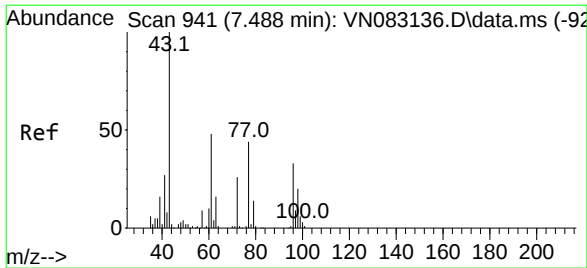


#26
2,2-Dichloropropane
Concen: 33.474 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14



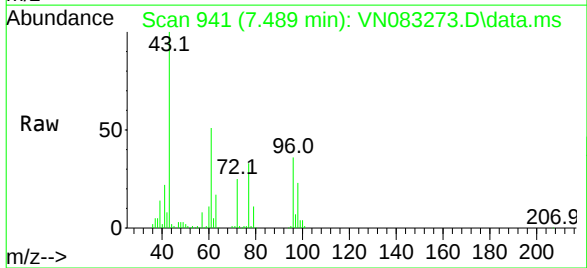
Tgt Ion: 77 Resp: 115695
Ion Ratio Lower Upper
77 100
97 21.7 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 48.436 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN083273.D
 Acq: 14 Aug 2024 02:14

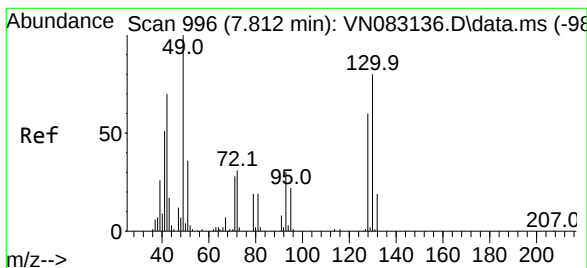
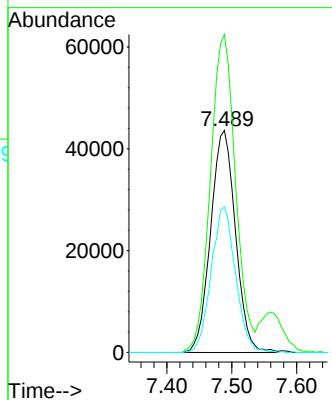
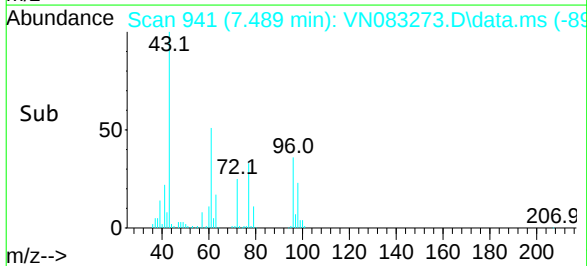
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 116118
 Ion Ratio Lower Upper
 96 100
 61 145.0 0.0 329.6
 98 64.4 0.0 128.6

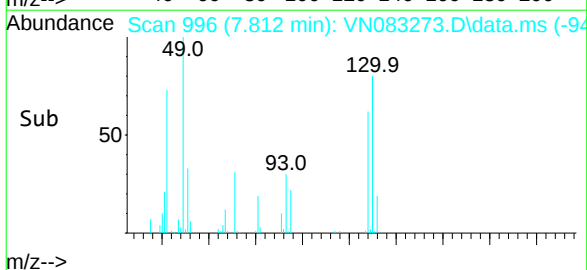
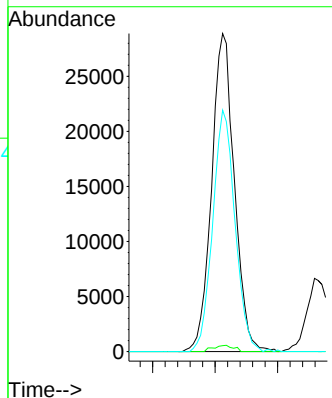
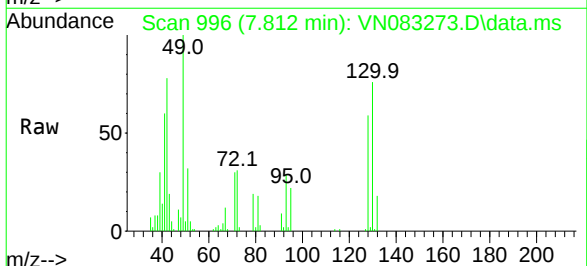
Manual Integrations
 APPROVED

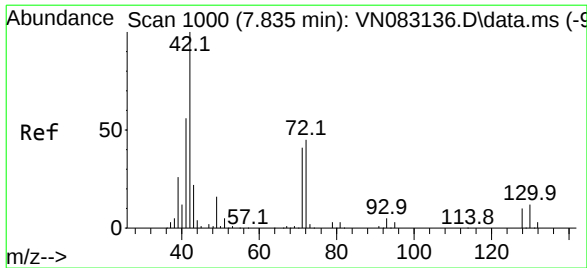
Reviewed By :John Carlone 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024



#28
 Bromochloromethane
 Concen: 48.079 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN083273.D
 Acq: 14 Aug 2024 02:14

Tgt Ion: 49 Resp: 73126
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 74.2 50.5 75.7





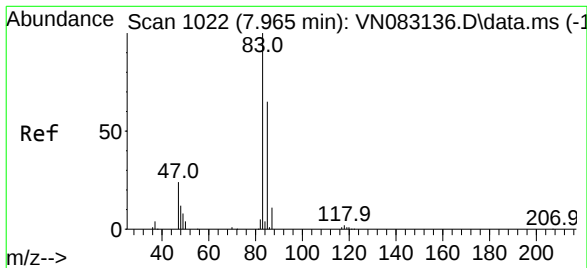
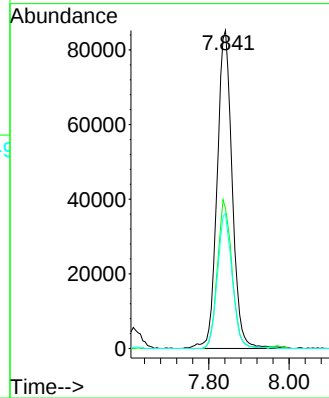
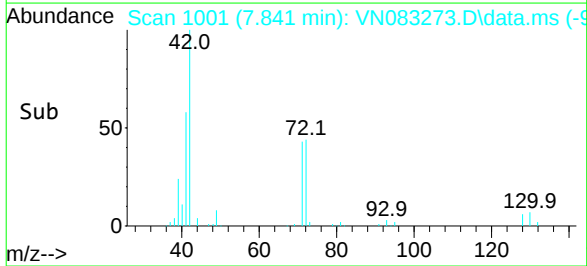
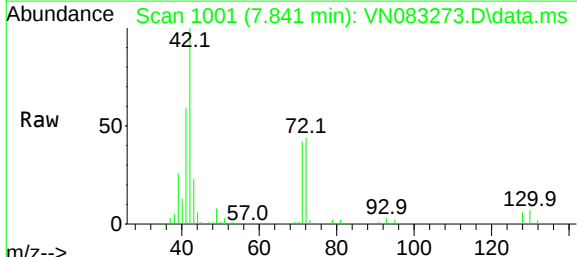
#29
Tetrahydrofuran
Concen: 231.937 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 222339
Ion Ratio Lower Upper
42 100
72 44.7 30.0 45.0
71 41.5 28.3 42.5

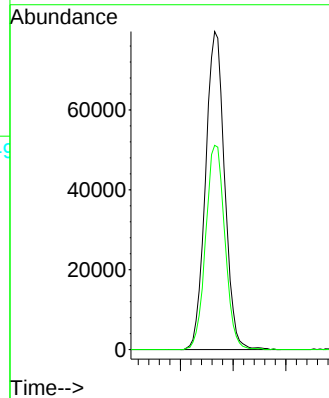
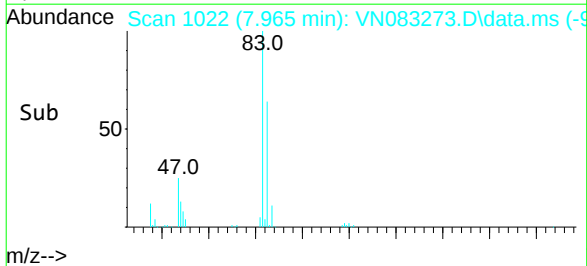
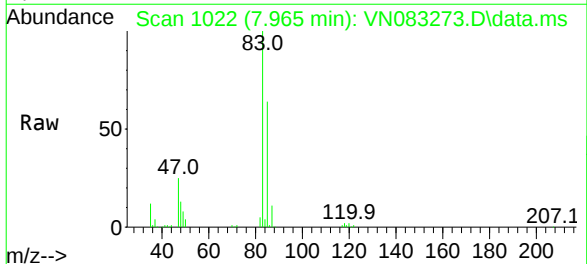
Manual Integrations
APPROVED

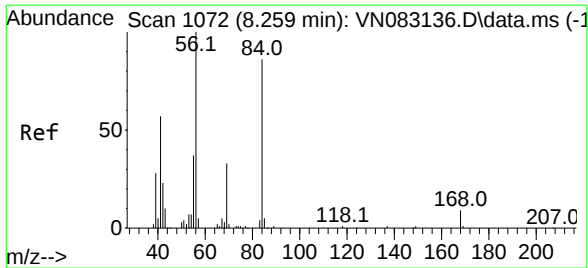
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#30
Chloroform
Concen: 51.757 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

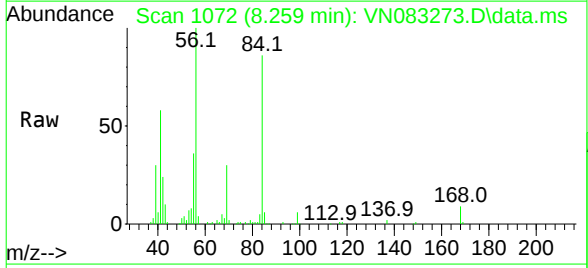
Tgt Ion: 83 Resp: 200122
Ion Ratio Lower Upper
83 100
85 64.2 50.9 76.3





#31
Cyclohexane
Concen: 42.764 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

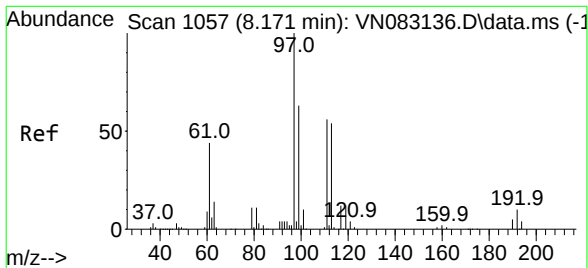
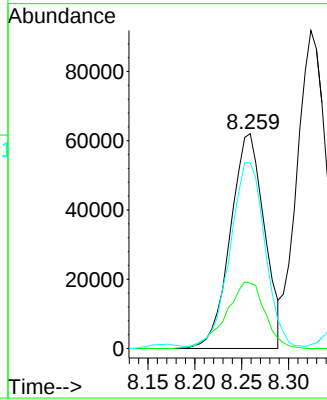
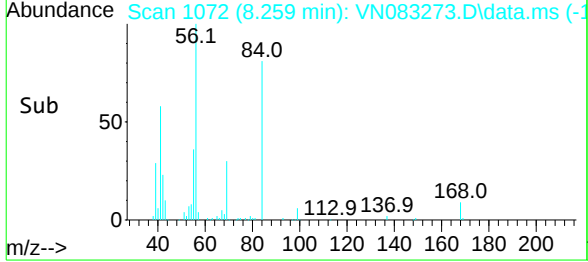
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 156417
Ion Ratio Lower Upper
56 100
69 30.2 24.5 36.7
84 85.0 66.0 99.0

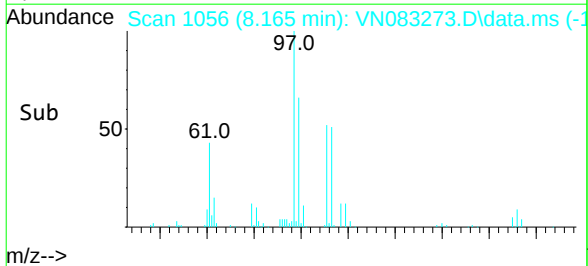
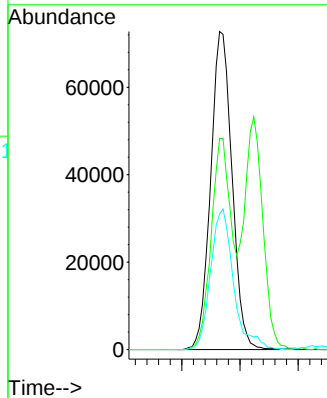
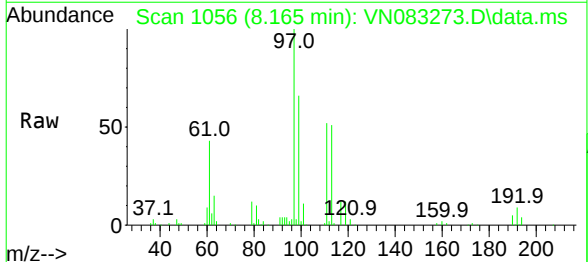
Manual Integrations
APPROVED

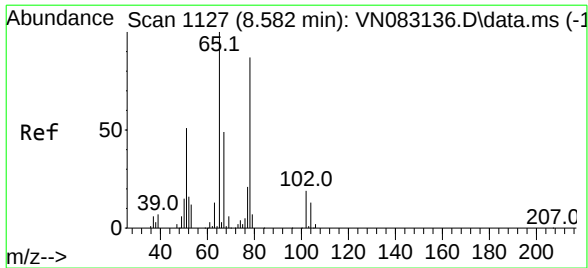
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#32
1,1,1-Trichloroethane
Concen: 50.731 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

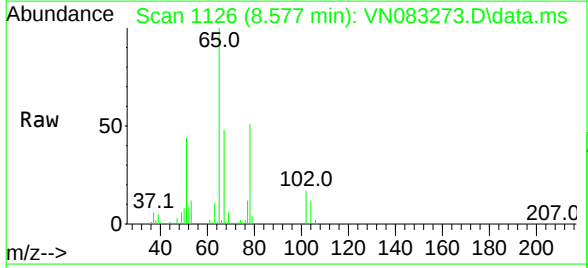
Tgt Ion: 97 Resp: 185672
Ion Ratio Lower Upper
97 100
99 63.1 52.0 78.0
61 47.8 42.1 63.1





#33
1,2-Dichloroethane-d4
Concen: 49.638 ug/l
RT: 8.577 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

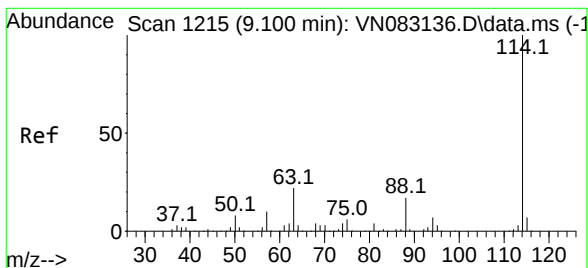
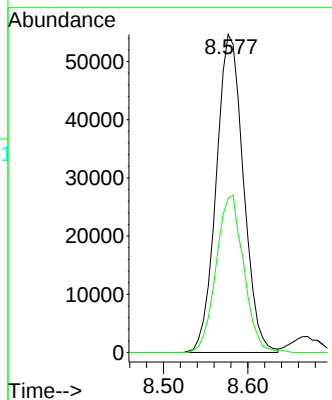
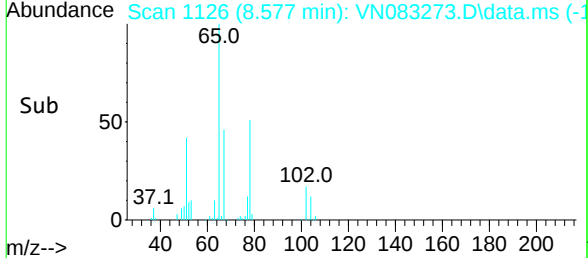
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



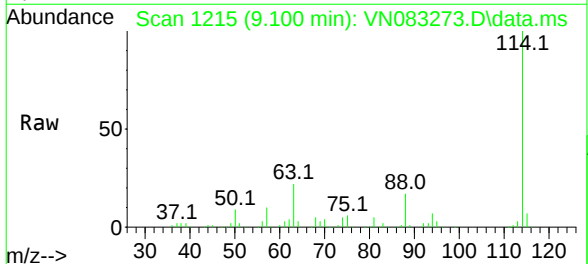
Tgt Ion: 65 Resp: 122516
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.4

Manual Integrations
APPROVED

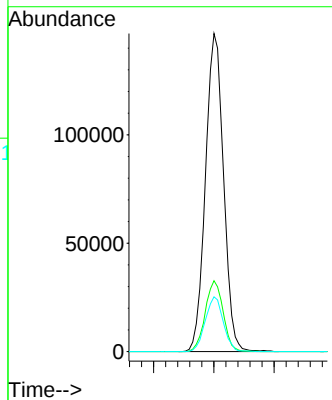
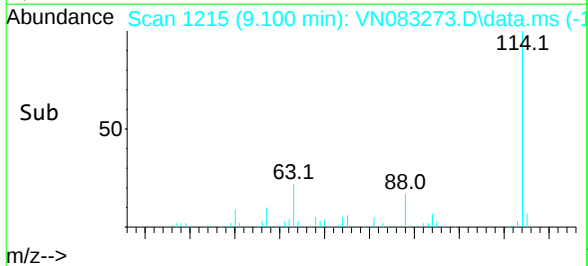
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

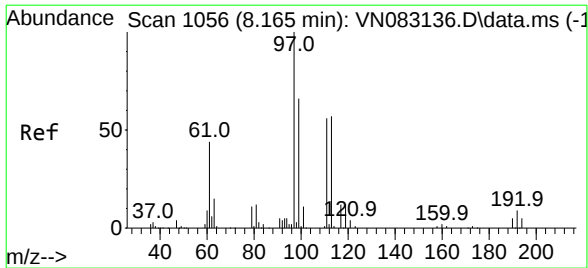


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14



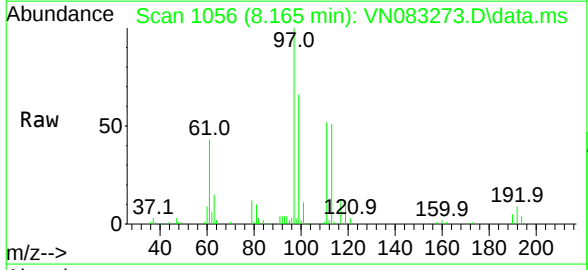
Tgt Ion:114 Resp: 306155
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.6
88 17.2 0.0 31.4





#35
 Dibromofluoromethane
 Concen: 47.268 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN083273.D
 Acq: 14 Aug 2024 02:14

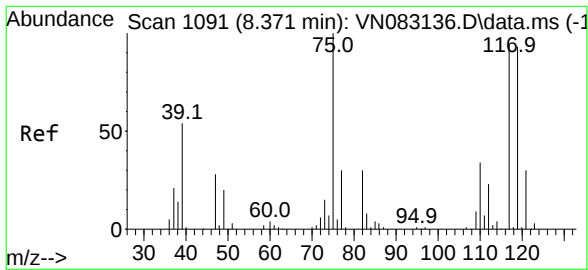
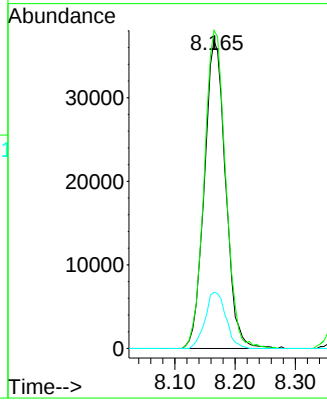
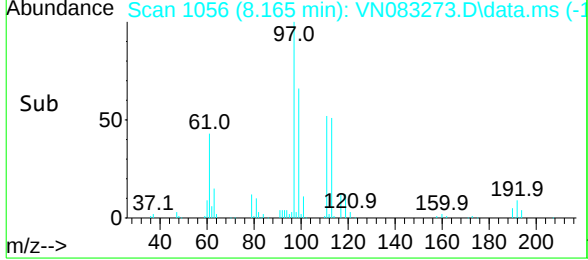
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:	113	Resp:	90327
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.4	123.6
192	17.8	14.9	22.3

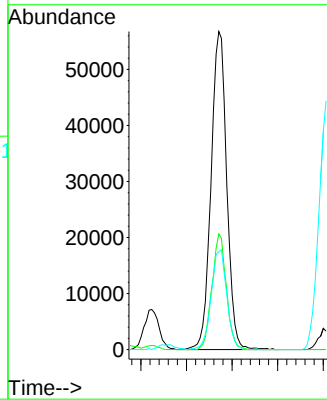
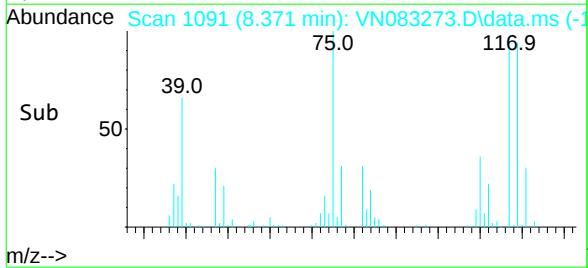
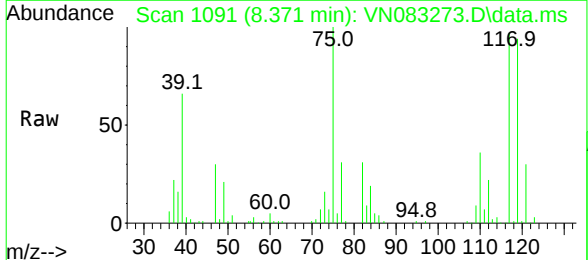
Manual Integrations
 APPROVED

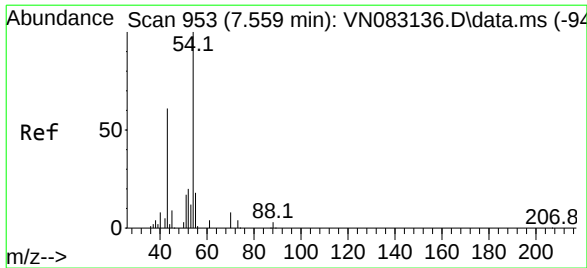
Reviewed By :John Carlone 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024



#36
 1,1-Dichloropropene
 Concen: 46.925 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VN083273.D
 Acq: 14 Aug 2024 02:14

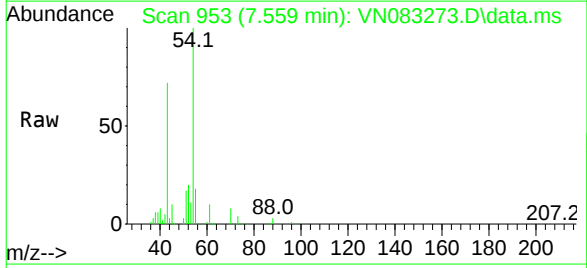
Tgt Ion:	75	Resp:	135648
Ion	Ratio	Lower	Upper
75	100		
110	33.3	16.3	48.9
77	31.1	24.6	37.0





#37
Ethyl Acetate
Concen: 42.466 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

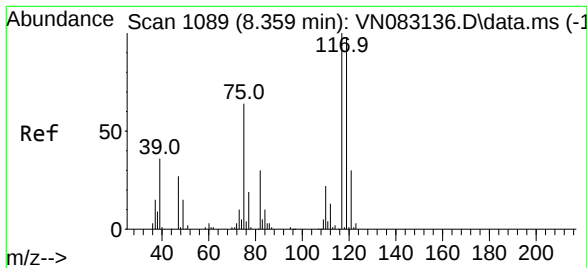
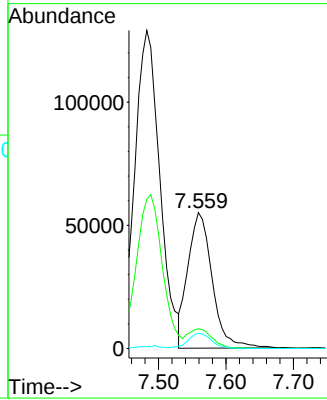
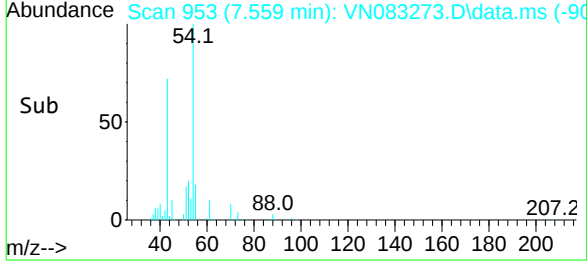
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 137449
Ion Ratio Lower Upper
43 100
61 14.5 9.3 13.9#
70 10.9 7.0 10.6#

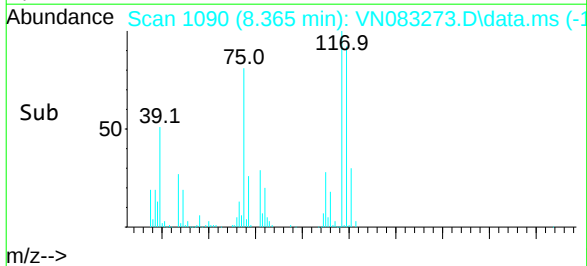
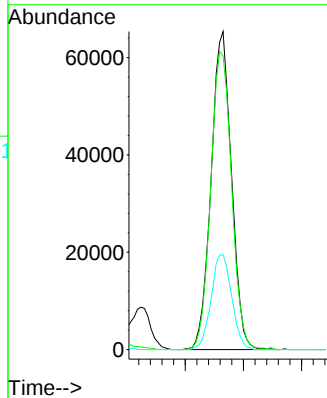
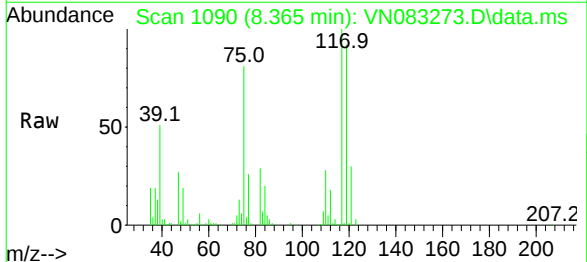
Manual Integrations
APPROVED

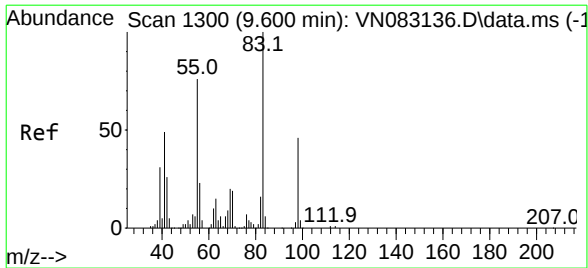
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#38
Carbon Tetrachloride
Concen: 48.876 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Tgt Ion:117 Resp: 159134
Ion Ratio Lower Upper
117 100
119 92.3 74.9 112.3
121 29.9 24.3 36.5





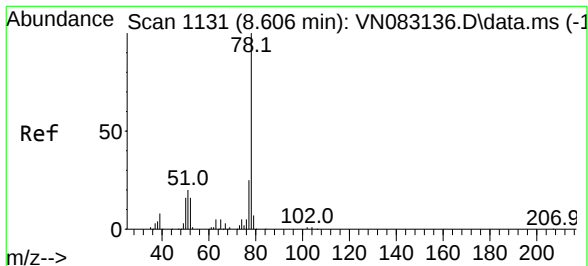
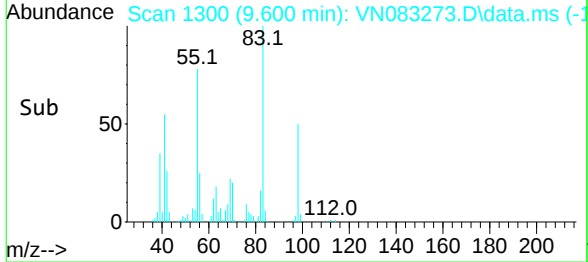
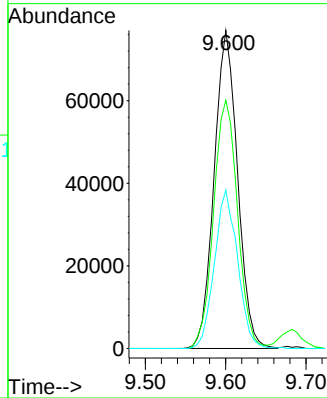
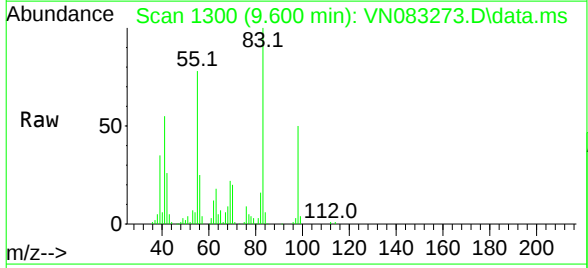
#39
Methylcyclohexane
Concen: 43.916 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 155926
Ion Ratio Lower Upper
83 100
55 78.1 66.4 99.6
98 49.8 40.7 61.1

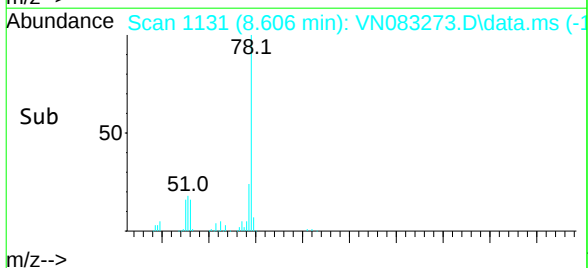
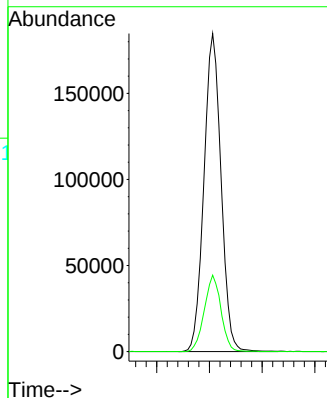
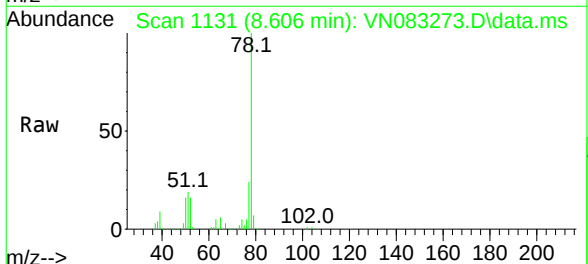
Manual Integrations
APPROVED

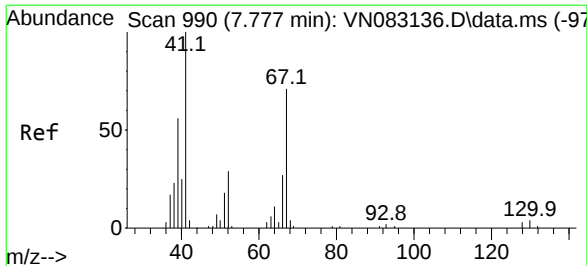
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#40
Benzene
Concen: 48.285 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Tgt Ion: 78 Resp: 415815
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4





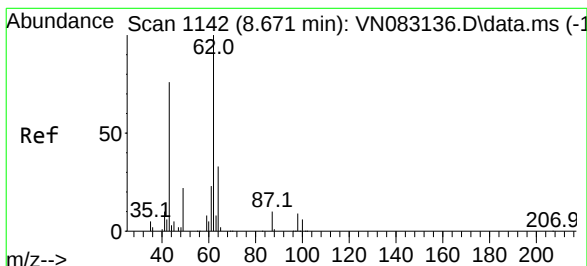
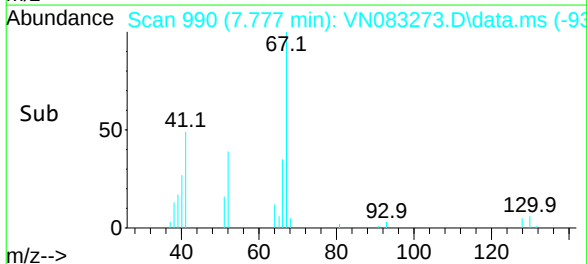
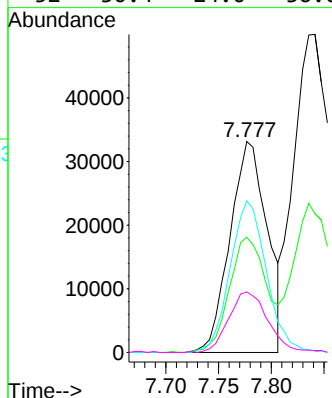
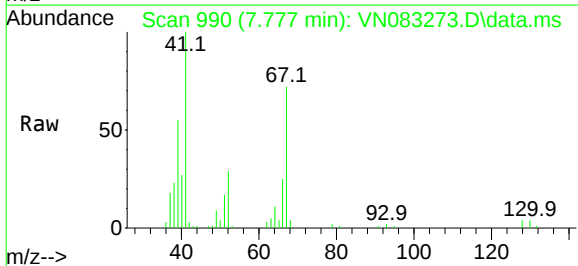
#41
Methacrylonitrile
Concen: 44.240 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	81416
Ion	Ratio	Lower	Upper
41	100		
39	54.9	45.5	68.3
67	70.3	50.5	75.7
52	30.4	24.0	36.0

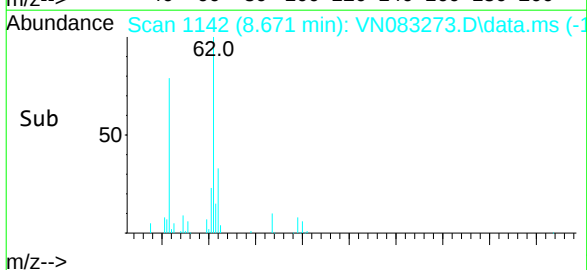
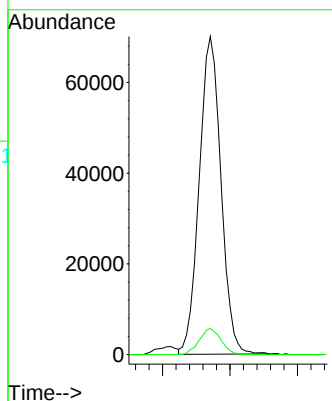
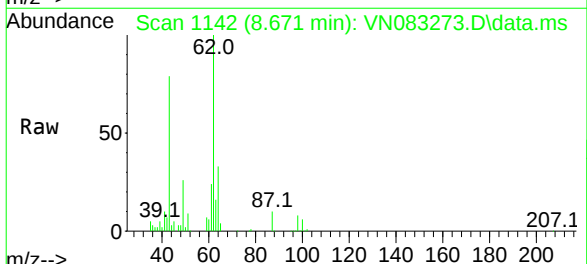
Manual Integrations
APPROVED

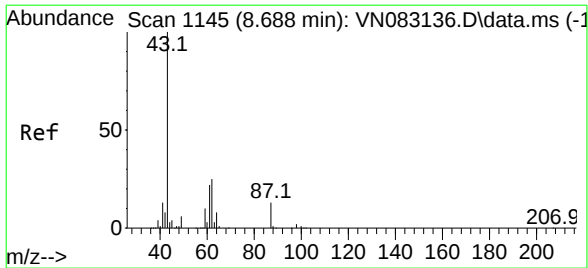
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#42
1,2-Dichloroethane
Concen: 49.978 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

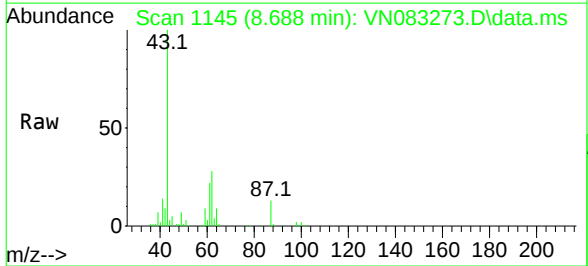
Tgt Ion:	62	Resp:	156783
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	15.8





#43
Isopropyl Acetate
Concen: 46.121 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

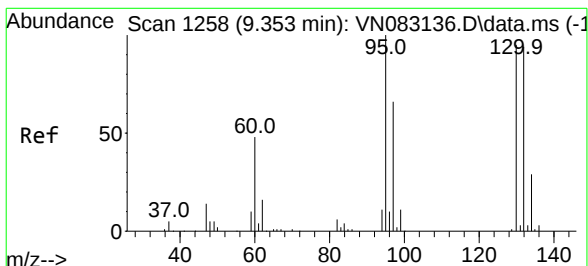
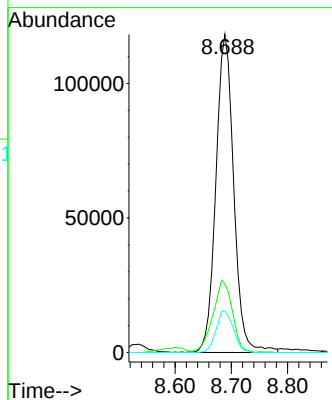
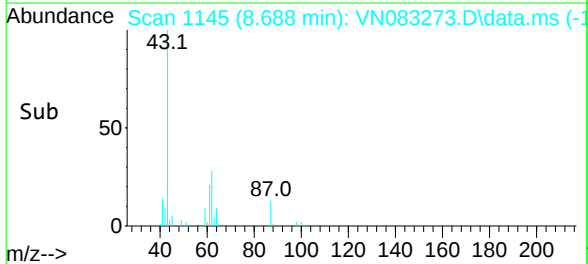
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 260306
Ion Ratio Lower Upper
43 100
61 24.7 17.8 26.6
87 12.7 8.2 12.2#

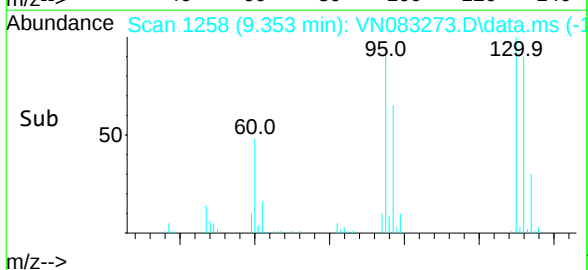
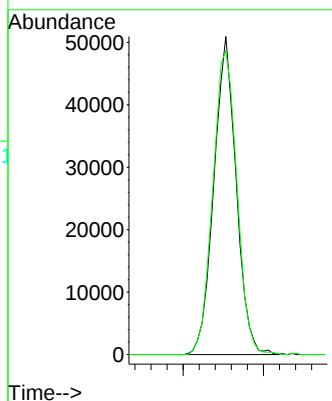
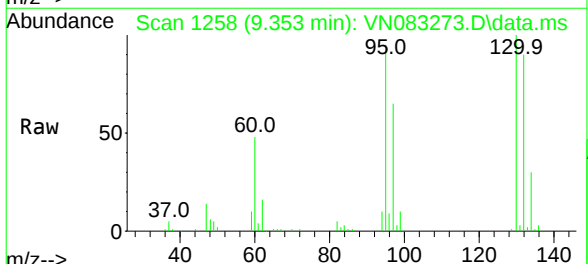
Manual Integrations
APPROVED

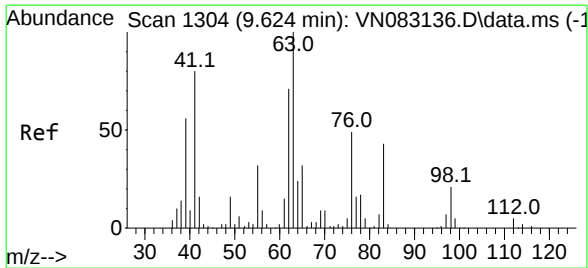
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#44
Trichloroethene
Concen: 48.013 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Tgt Ion:130 Resp: 98415
Ion Ratio Lower Upper
130 100
95 95.4 0.0 197.8





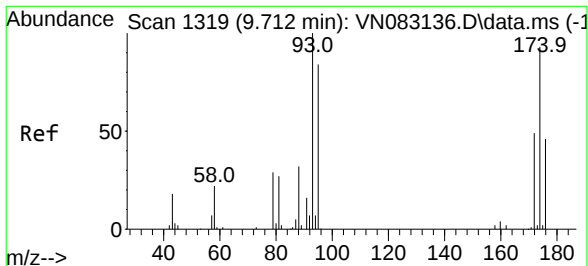
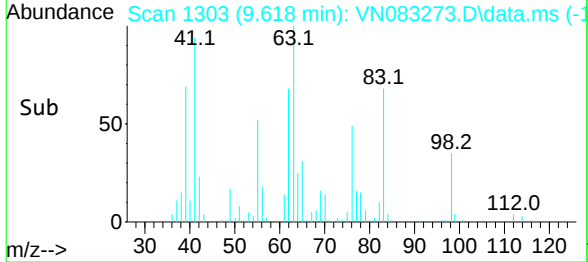
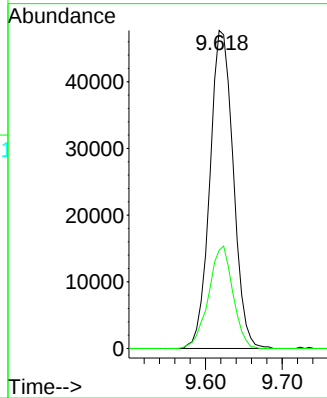
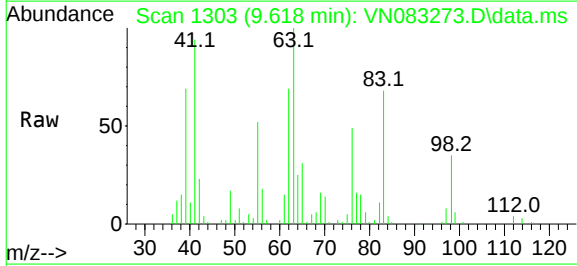
#45
1,2-Dichloropropane
Concen: 49.443 ug/l
RT: 9.618 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 101068
Ion Ratio Lower Upper
63 100
65 30.9 24.4 36.6

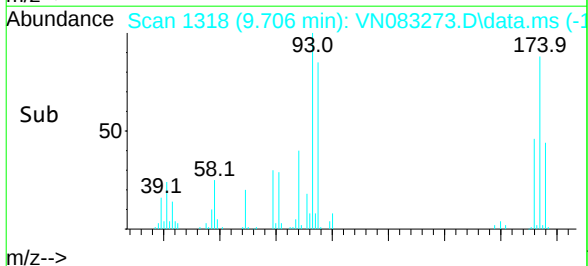
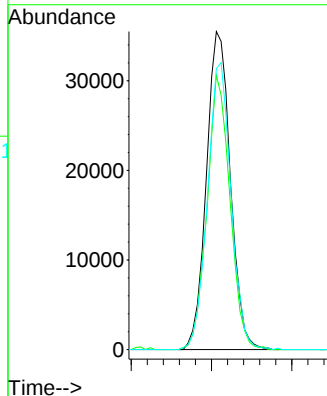
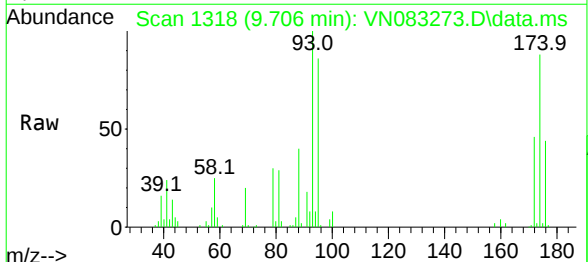
Manual Integrations
APPROVED

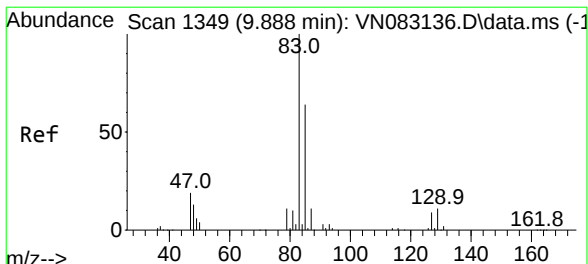
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#46
Dibromomethane
Concen: 50.307 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Tgt Ion: 93 Resp: 73606
Ion Ratio Lower Upper
93 100
95 82.3 65.8 98.6
174 88.8 71.7 107.5





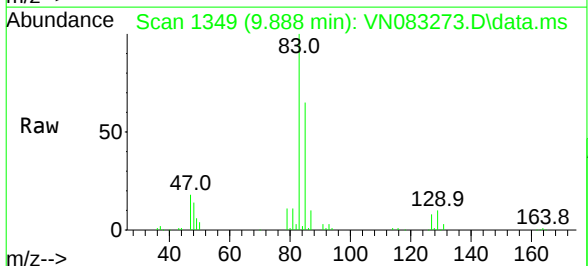
#47
 Bromodichloromethane
 Concen: 49.897 ug/l
 RT: 9.888 min Scan# 1349
 Delta R.T. 0.000 min
 Lab File: VN083273.D
 Acq: 14 Aug 2024 02:14

Instrument :

MSVOA_N

ClientSampleId :

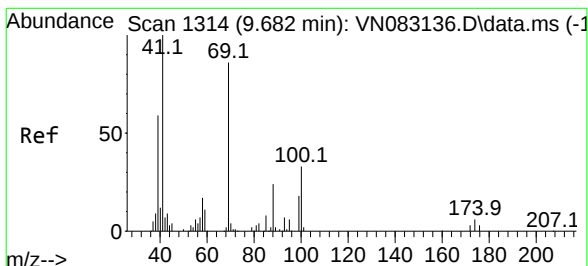
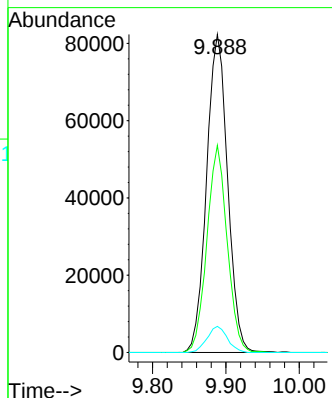
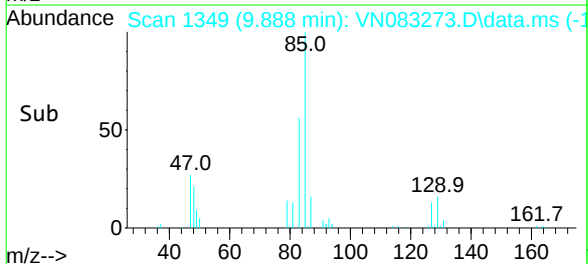
VSTDCCC050



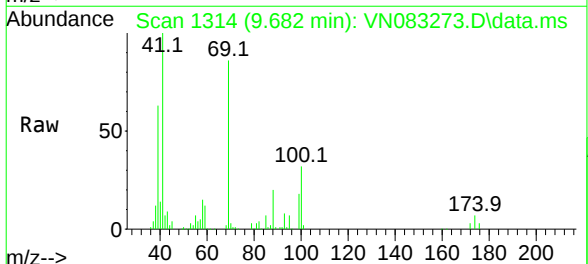
Tgt Ion:	83	Resp:	163926
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.1	76.7
127	8.2	7.2	10.8

Manual Integrations
 APPROVED

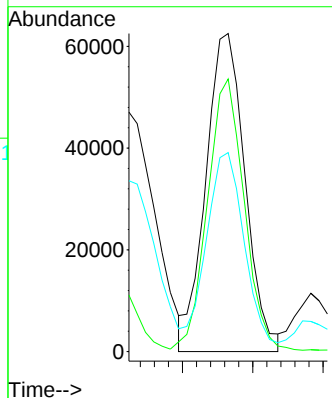
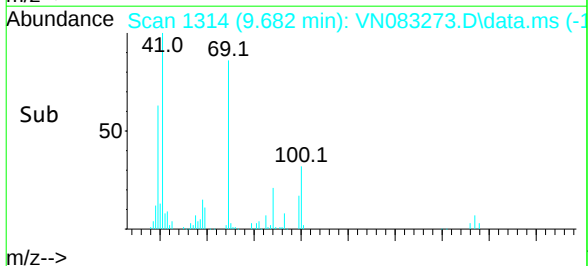
Reviewed By :John Carlone 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024

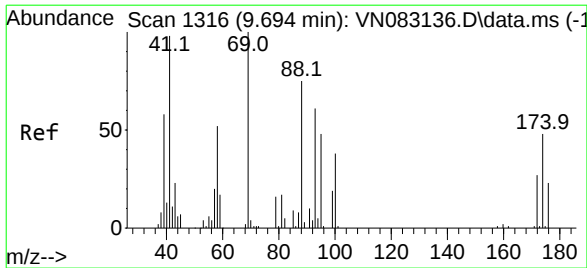


#48
 Methyl methacrylate
 Concen: 45.281 ug/l
 RT: 9.682 min Scan# 1314
 Delta R.T. 0.000 min
 Lab File: VN083273.D
 Acq: 14 Aug 2024 02:14



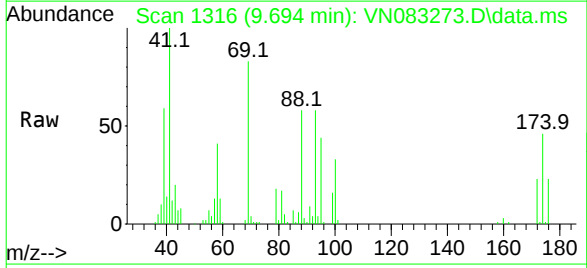
Tgt Ion:	41	Resp:	121167
Ion	Ratio	Lower	Upper
41	100		
69	81.0	56.3	84.5
39	61.9	50.3	75.5





#49
1,4-Dioxane
Concen: 842.987 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

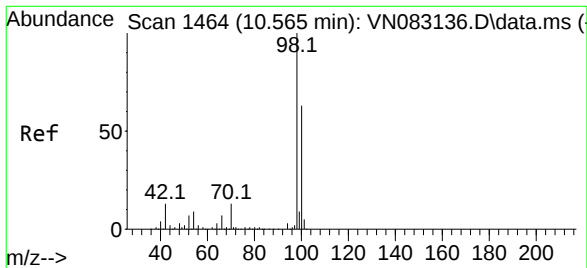
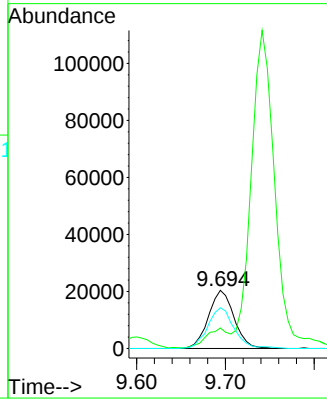
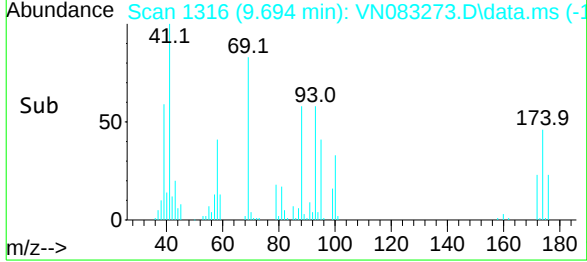
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 40696
Ion Ratio Lower Upper
88 100
43 31.1 27.8 41.8
58 72.6 59.4 89.0

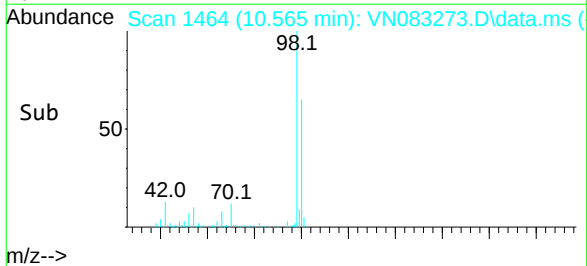
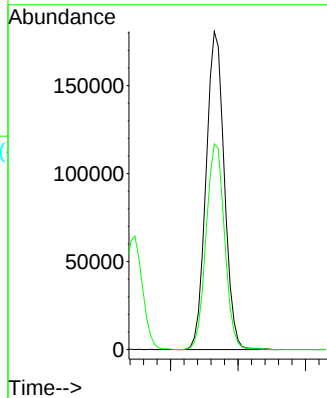
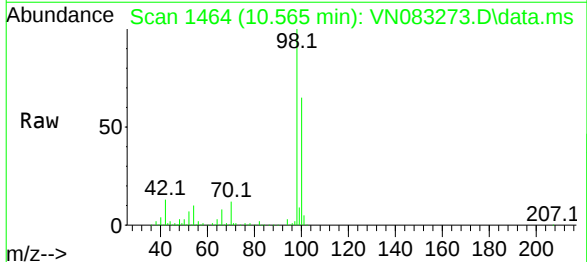
Manual Integrations
APPROVED

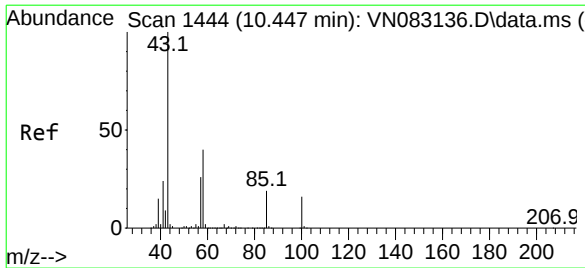
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#50
Toluene-d8
Concen: 47.549 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Tgt Ion: 98 Resp: 338943
Ion Ratio Lower Upper
98 100
100 65.6 51.5 77.3





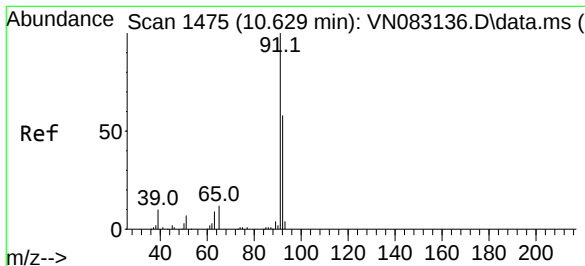
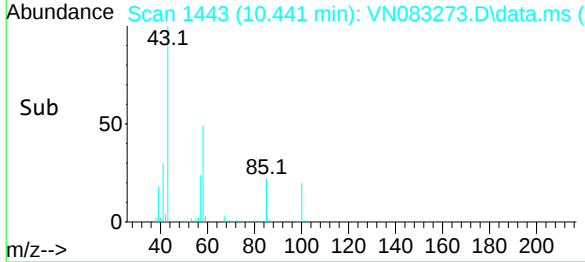
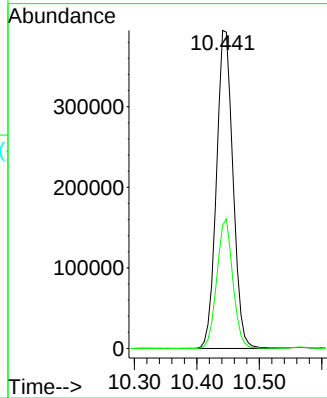
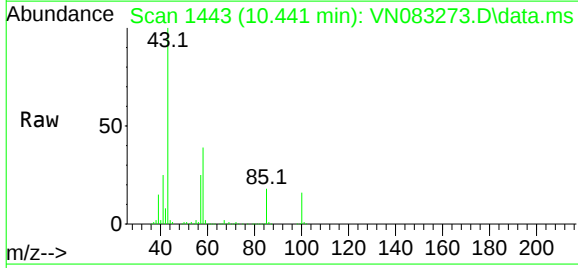
#51
4-Methyl-2-Pentanone
Concen: 236.978 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 725322
Ion Ratio Lower Upper
43 100
58 39.5 28.2 42.4

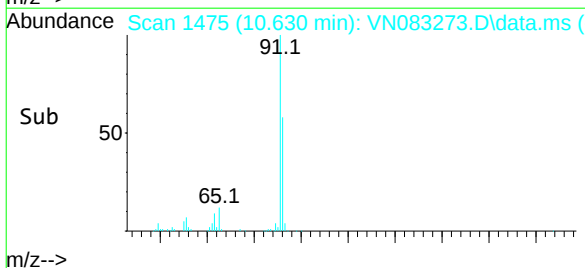
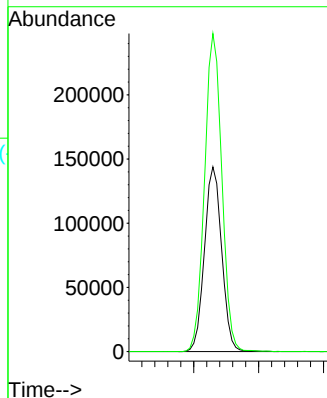
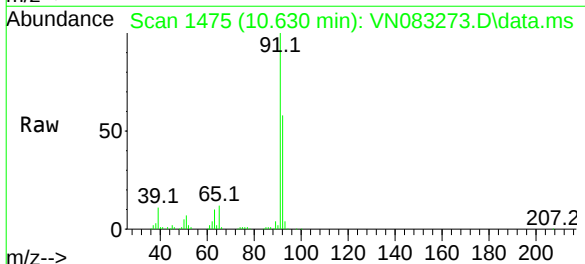
Manual Integrations
APPROVED

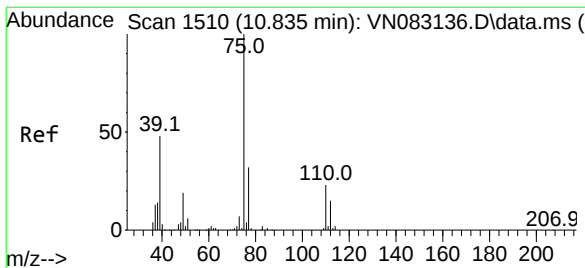
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#52
Toluene
Concen: 48.733 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

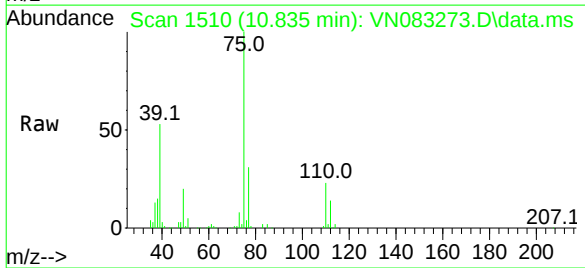
Tgt Ion: 92 Resp: 265163
Ion Ratio Lower Upper
92 100
91 172.6 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 46.629 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

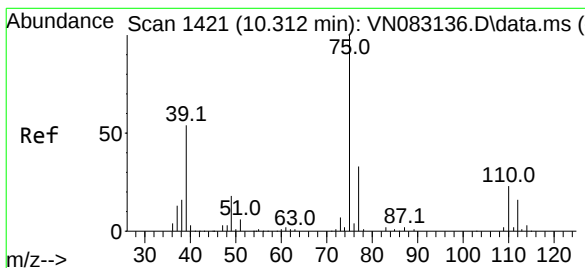
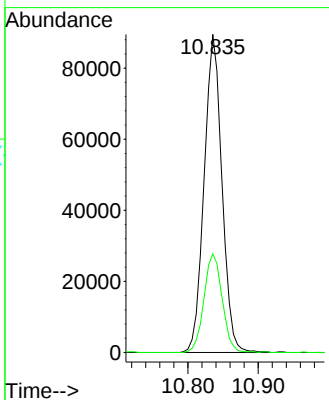
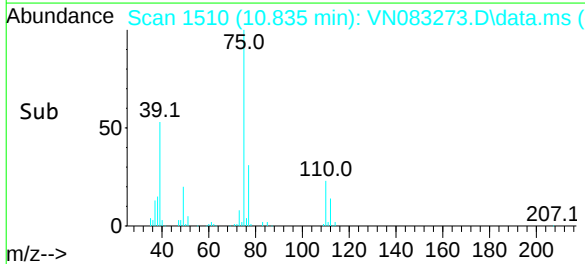
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



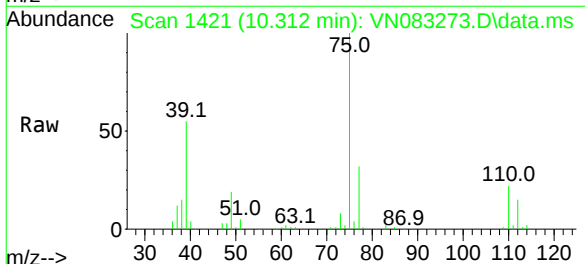
Tgt Ion: 75 Resp: 157356
Ion Ratio Lower Upper
75 100
77 31.0 25.7 38.5

Manual Integrations
APPROVED

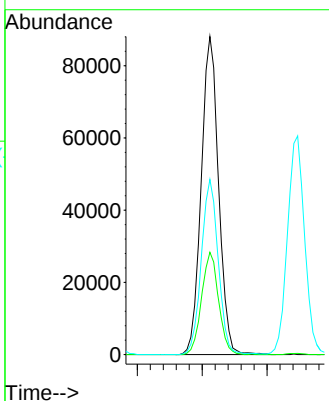
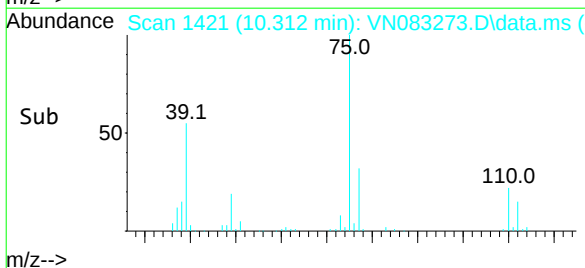
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

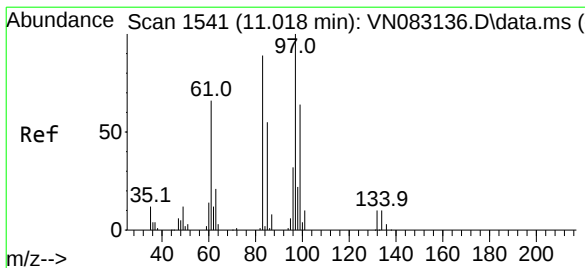


#54
cis-1,3-Dichloropropene
Concen: 45.600 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14



Tgt Ion: 75 Resp: 163678
Ion Ratio Lower Upper
75 100
77 32.2 24.3 36.5
39 55.1 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 50.194 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN083273.D

Acq: 14 Aug 2024 02:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 97875

Ion Ratio Lower Upper

97 100

83 86.7 71.4 107.0

85 57.5 45.8 68.6

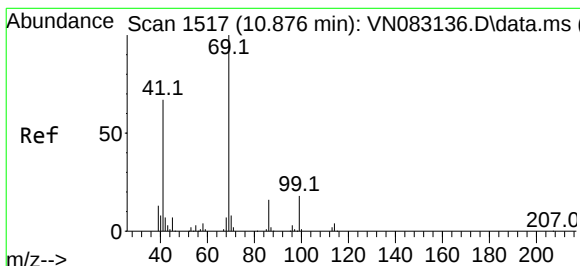
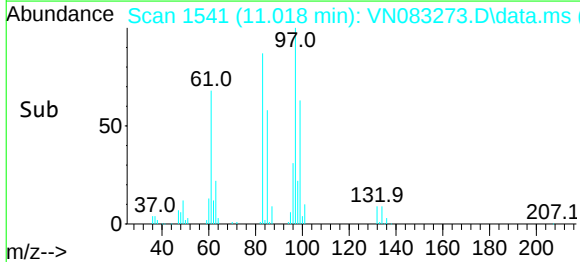
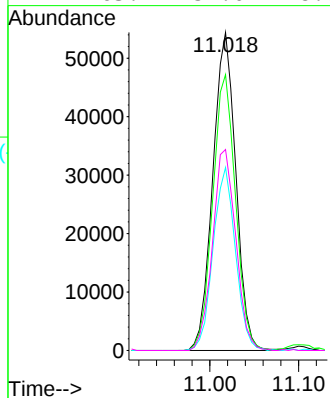
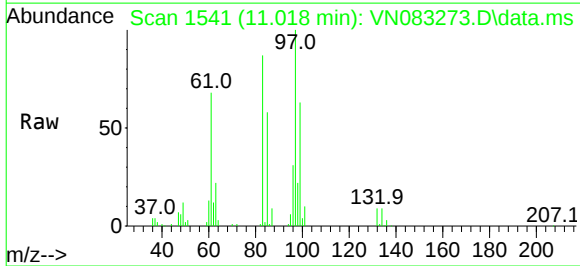
99 63.2 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2024

Supervised By :Mahesh Dadoda 08/14/2024



#56

Ethyl methacrylate

Concen: 47.798 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VN083273.D

Acq: 14 Aug 2024 02:14

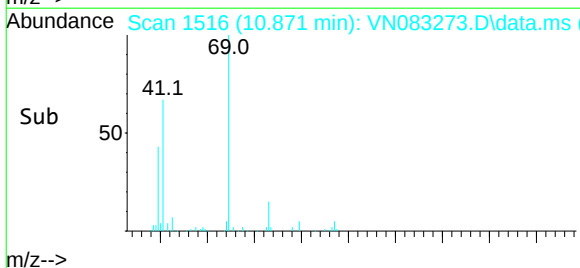
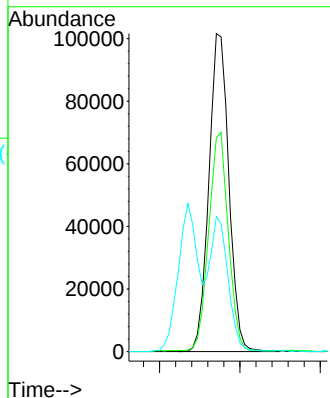
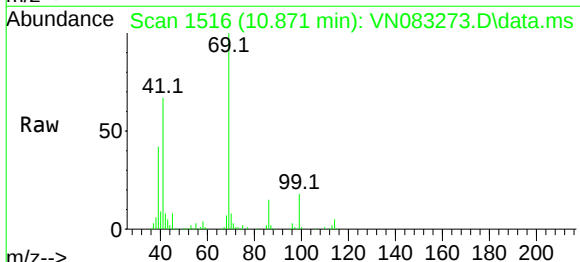
Tgt Ion: 69 Resp: 175704

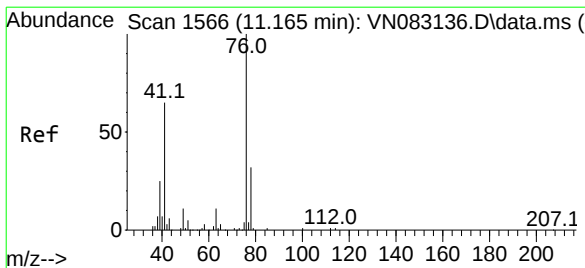
Ion Ratio Lower Upper

69 100

41 67.4 63.4 95.2

39 39.9 37.4 56.0





#57

1,3-Dichloropropane

Concen: 50.099 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN083273.D

Acq: 14 Aug 2024 02:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 174124

Ion Ratio Lower Upper

76 100

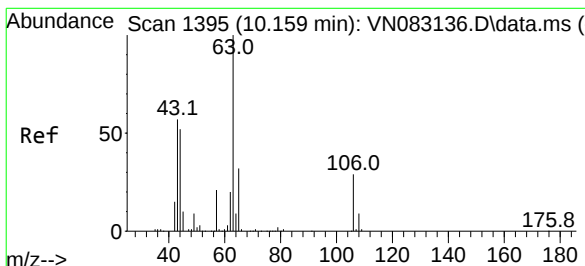
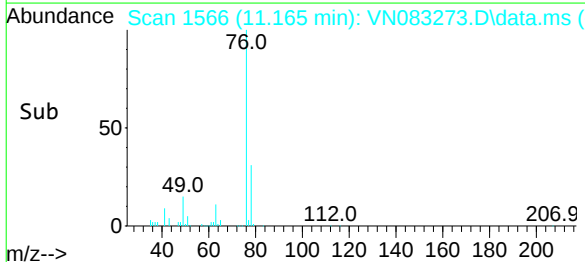
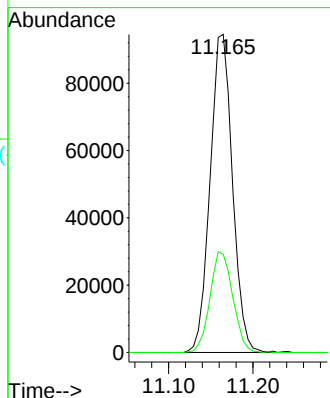
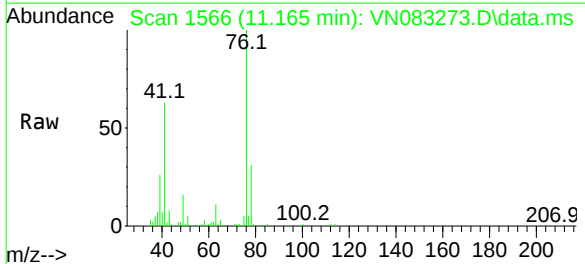
78 32.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2024

Supervised By :Mahesh Dadoda 08/14/2024



#58

2-Chloroethyl Vinyl ether

Concen: 239.532 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083273.D

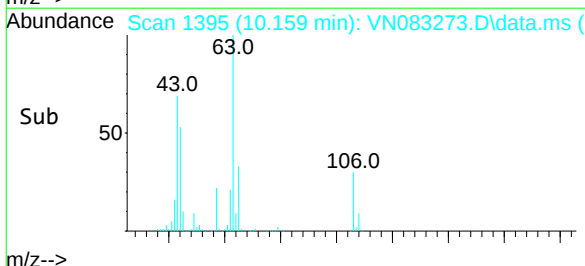
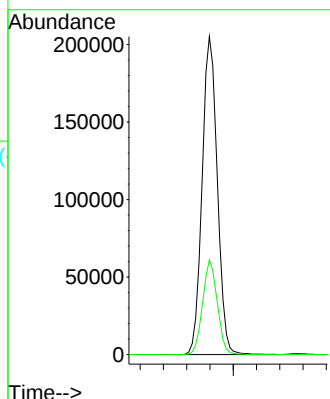
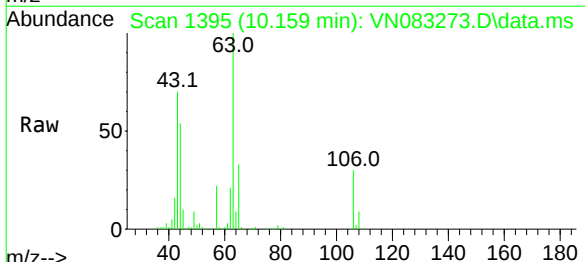
Acq: 14 Aug 2024 02:14

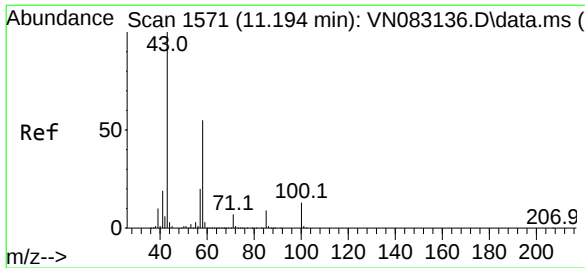
Tgt Ion: 63 Resp: 372196

Ion Ratio Lower Upper

63 100

106 28.6 21.4 32.0





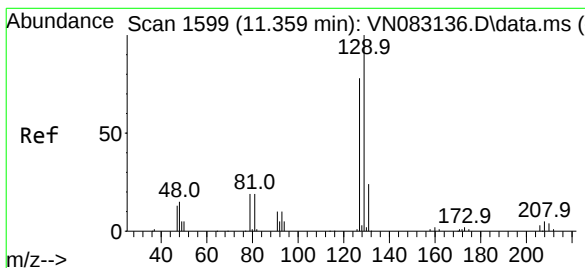
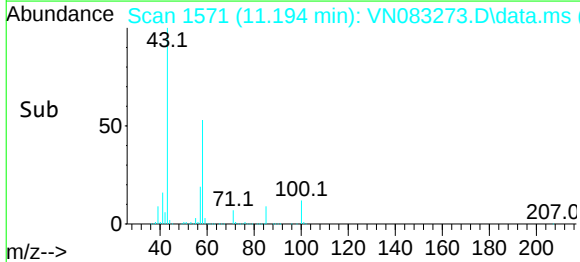
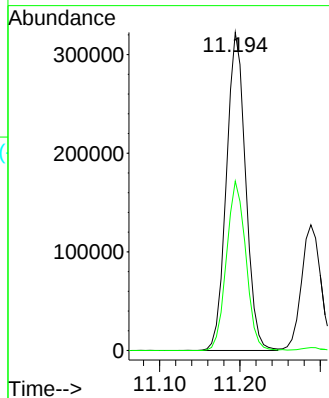
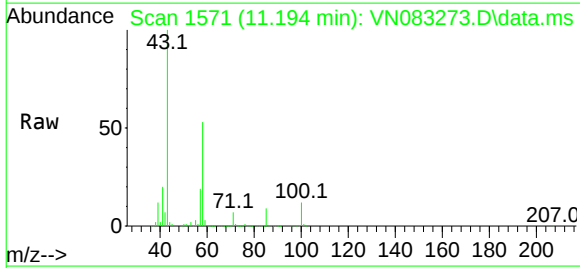
#59
2-Hexanone
Concen: 226.034 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 535223
Ion Ratio Lower Upper
43 100
58 53.7 24.6 73.8

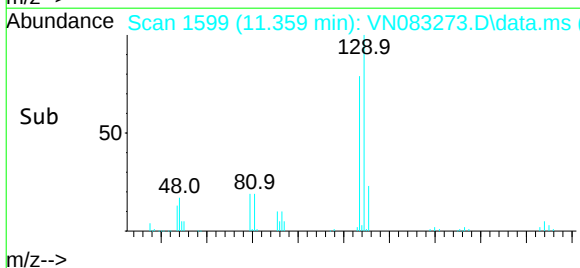
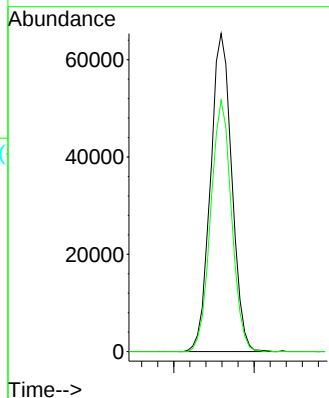
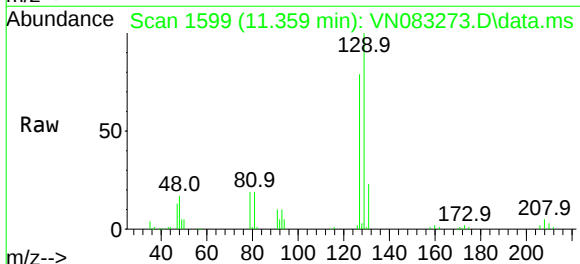
Manual Integrations
APPROVED

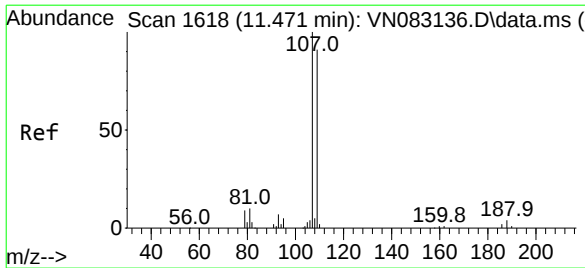
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#60
Dibromochloromethane
Concen: 51.173 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Tgt Ion:129 Resp: 120644
Ion Ratio Lower Upper
129 100
127 77.1 39.2 117.6





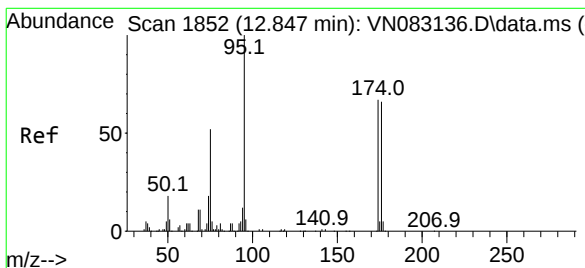
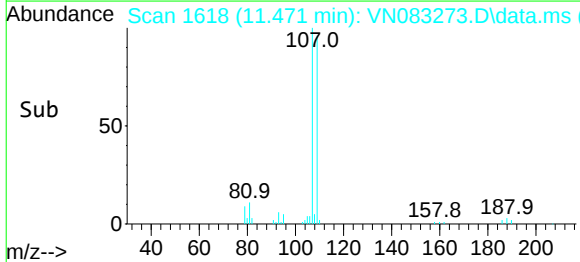
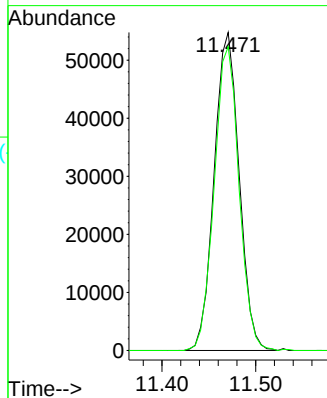
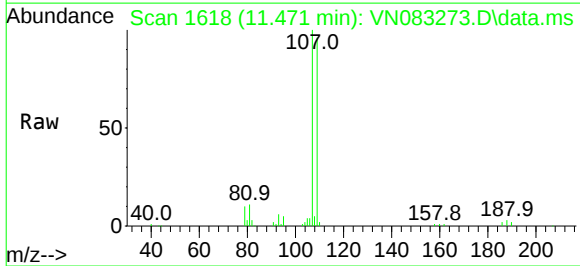
#61
1,2-Dibromoethane
Concen: 49.436 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 101266
Ion Ratio Lower Upper
107 100
109 95.0 73.7 110.5

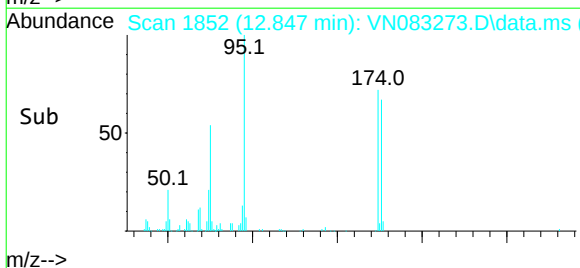
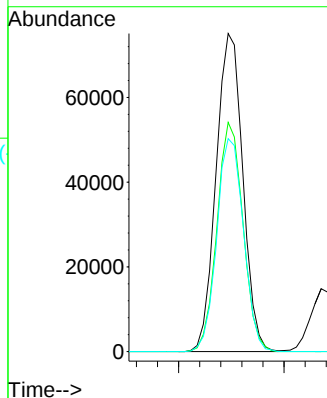
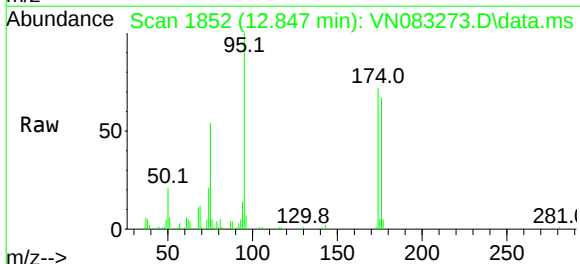
Manual Integrations
APPROVED

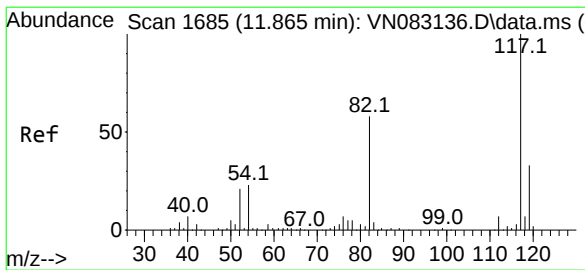
Reviewed By : John Carlone 08/14/2024
Supervised By : Mahesh Dadoda 08/14/2024



#62
4-Bromofluorobenzene
Concen: 47.580 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

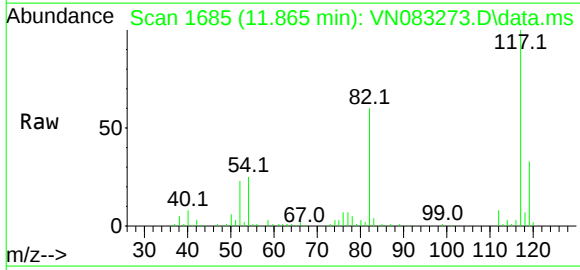
Tgt Ion: 95 Resp: 132226
Ion Ratio Lower Upper
95 100
174 70.0 0.0 159.2
176 67.0 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

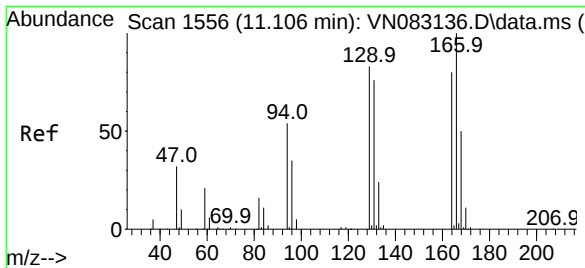
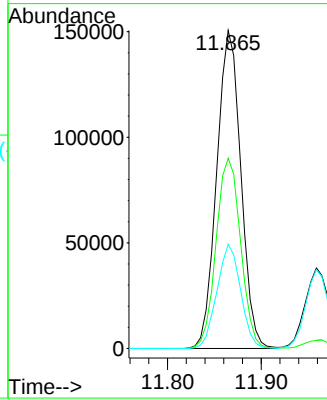
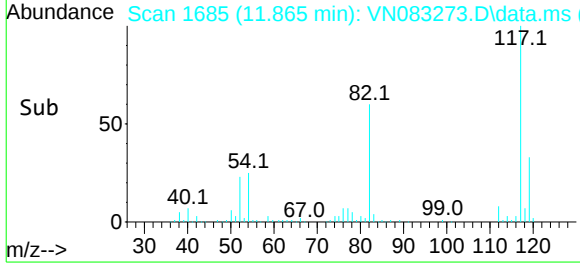
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 269814
Ion Ratio Lower Upper
117 100
82 59.8 47.5 71.3
119 32.7 25.6 38.4

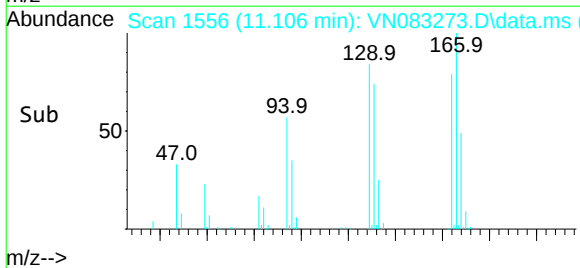
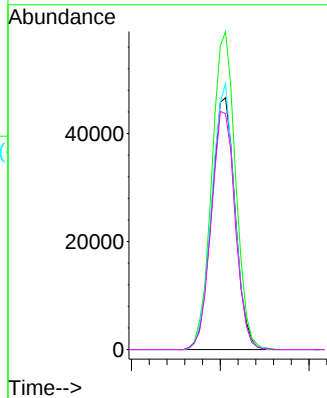
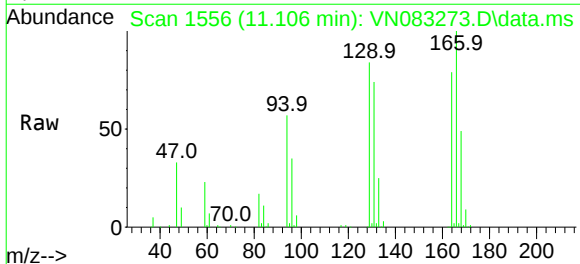
Manual Integrations
APPROVED

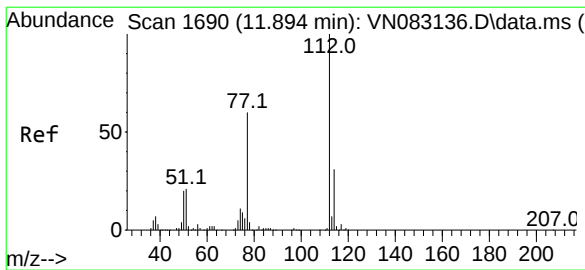
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#64
Tetrachloroethene
Concen: 48.491 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Tgt Ion:164 Resp: 86650
Ion Ratio Lower Upper
164 100
166 126.3 101.4 152.0
129 105.7 75.7 113.5
131 93.7 73.8 110.6





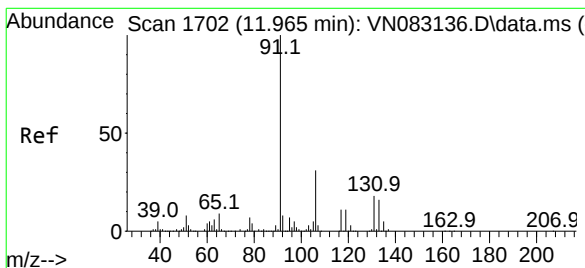
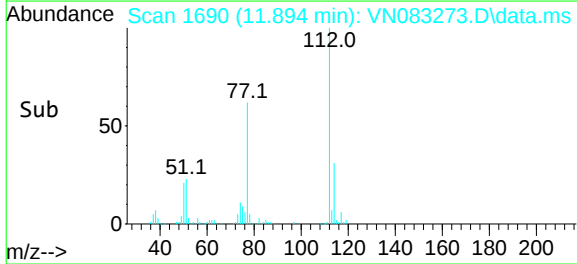
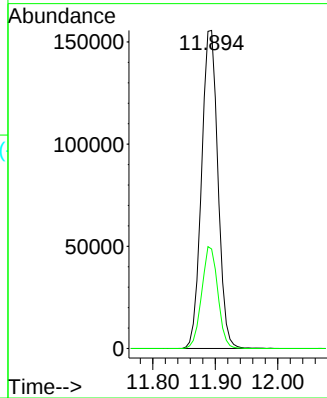
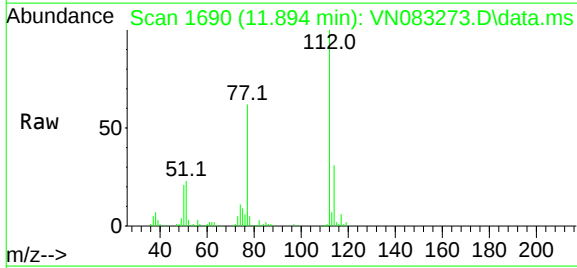
#65
Chlorobenzene
Concen: 47.539 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 283451
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.2

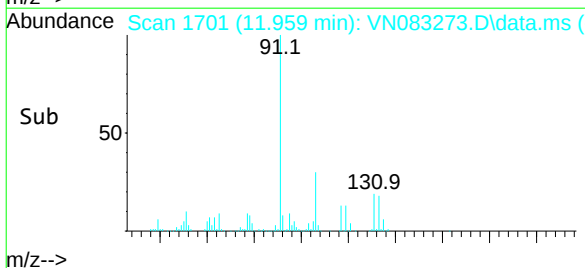
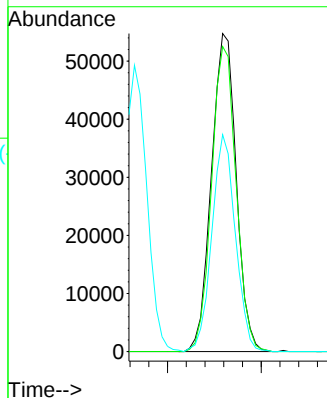
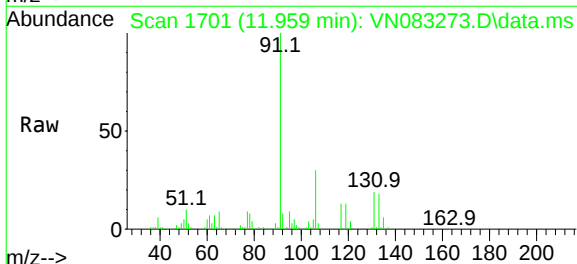
Manual Integrations
APPROVED

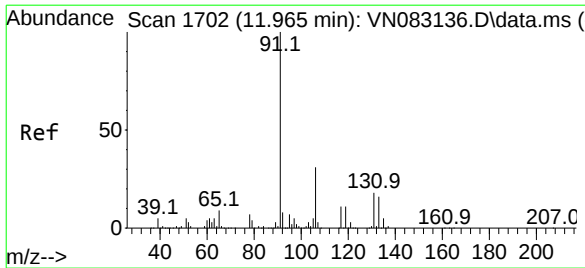
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 47.857 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Tgt Ion:131 Resp: 100637
Ion Ratio Lower Upper
131 100
133 94.7 47.3 142.0
119 64.6 32.5 97.4





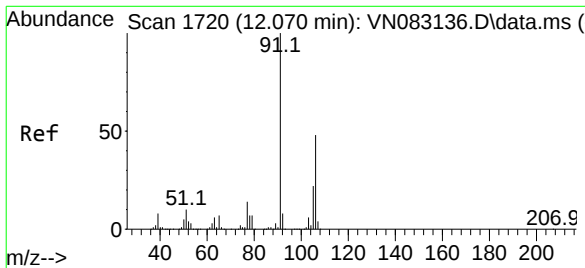
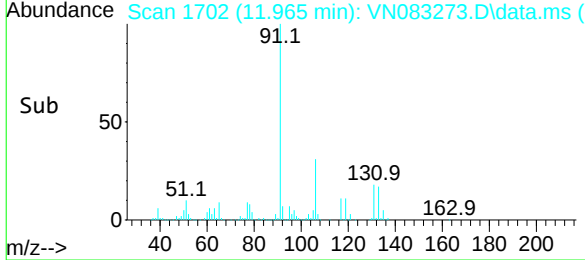
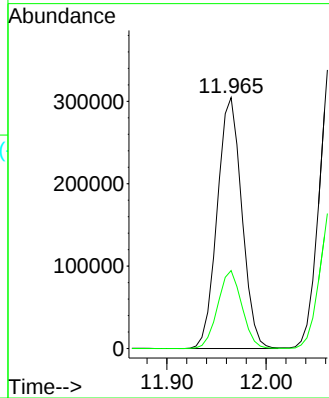
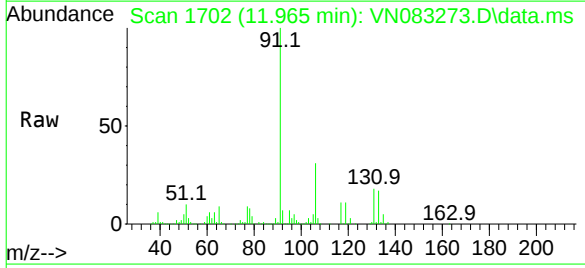
#67
Ethyl Benzene
Concen: 47.941 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 524382
Ion Ratio Lower Upper
91 100
106 31.1 24.0 36.0

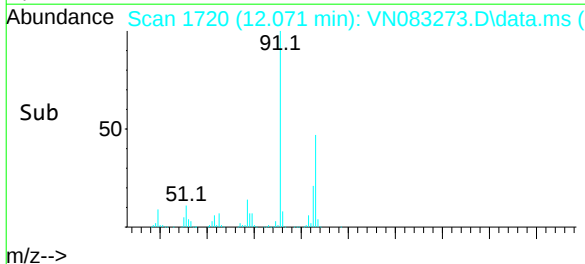
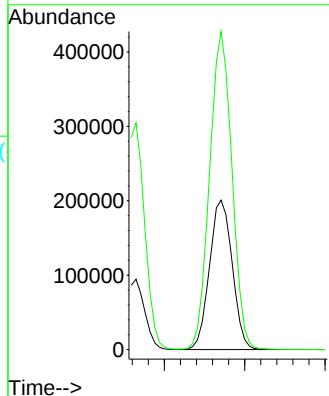
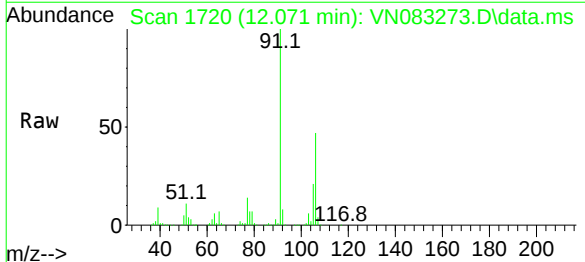
Manual Integrations
APPROVED

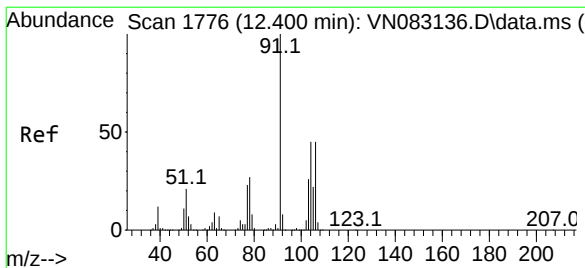
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#68
m/p-Xylenes
Concen: 96.479 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Tgt Ion:106 Resp: 395309
Ion Ratio Lower Upper
106 100
91 208.8 166.1 249.1





#69

o-Xylene

Concen: 47.948 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN083273.D

Acq: 14 Aug 2024 02:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 193761

Ion Ratio Lower Upper

106 100

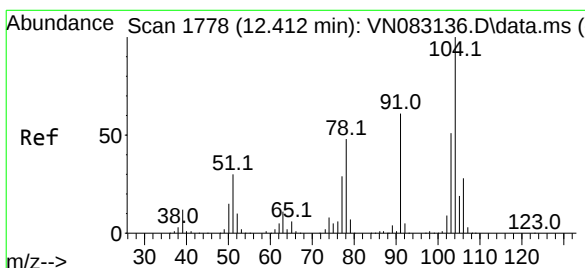
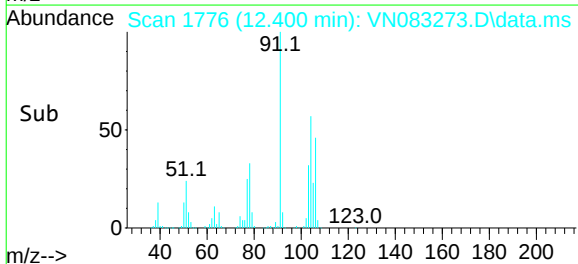
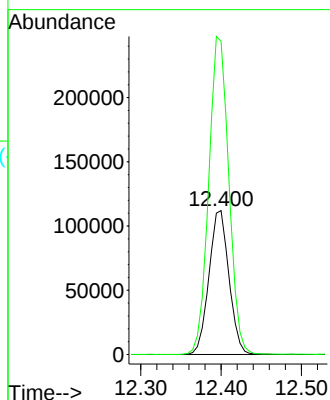
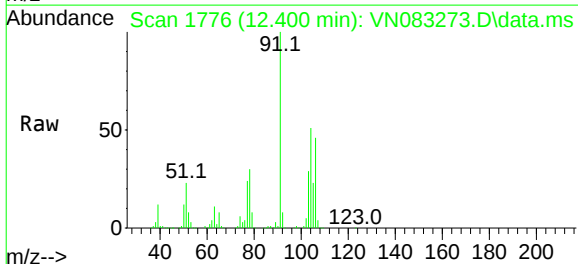
91 222.0 111.3 333.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2024

Supervised By :Mahesh Dadoda 08/14/2024



#70

Styrene

Concen: 48.825 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN083273.D

Acq: 14 Aug 2024 02:14

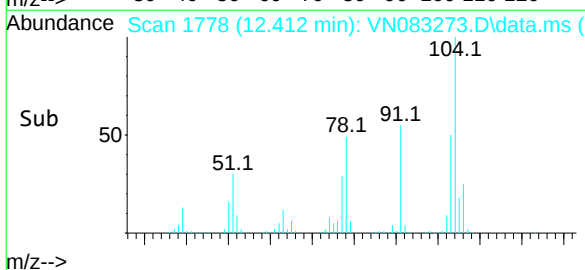
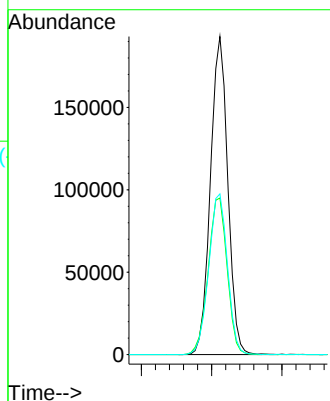
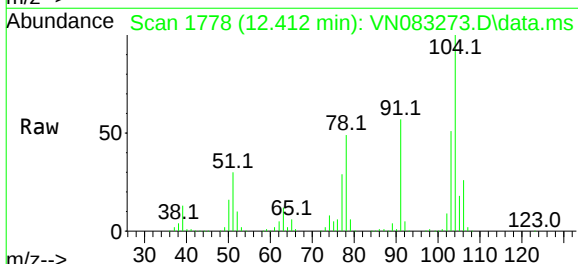
Tgt Ion:104 Resp: 331385

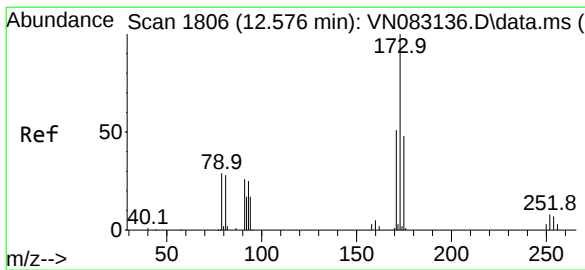
Ion Ratio Lower Upper

104 100

78 53.6 41.6 62.4

103 54.5 44.0 66.0





#71

Bromoform

Concen: 47.541 ug/l

RT: 12.576 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN083273.D

Acq: 14 Aug 2024 02:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

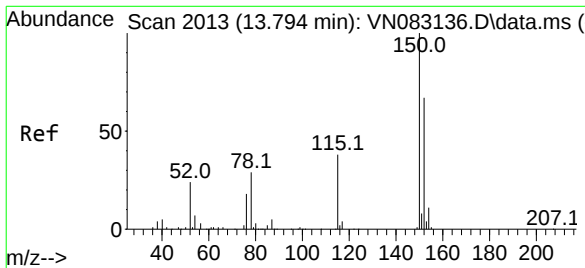
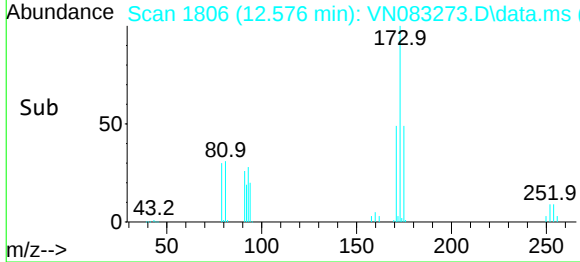
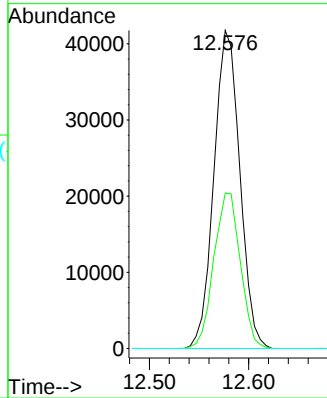
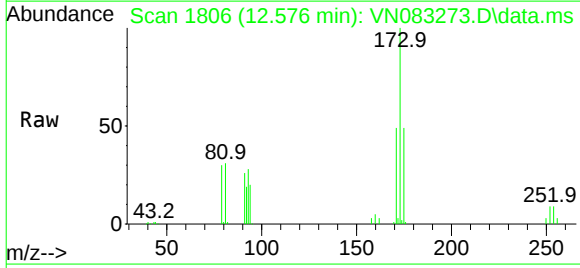
Tgt Ion:	173	Resp:	75736
Ion	Ratio	Lower	Upper
173	100		
175	50.0	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2024

Supervised By :Mahesh Dadoda 08/14/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

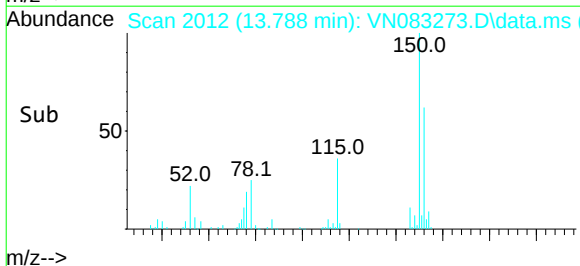
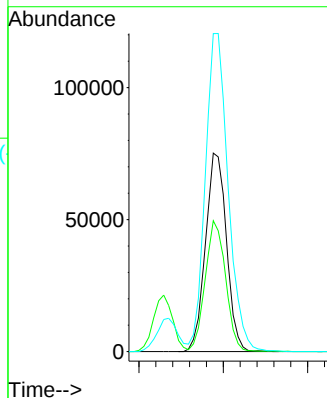
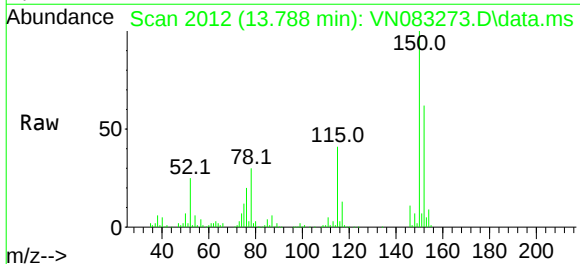
RT: 13.788 min Scan# 2012

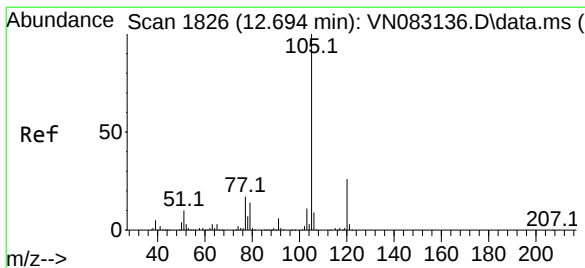
Delta R.T. -0.006 min

Lab File: VN083273.D

Acq: 14 Aug 2024 02:14

Tgt Ion:	152	Resp:	130108
Ion	Ratio	Lower	Upper
152	100		
115	63.5	30.6	91.6
150	173.7	0.0	348.6





#73

Isopropylbenzene

Concen: 46.093 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN083273.D

Acq: 14 Aug 2024 02:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 501606

Ion Ratio Lower Upper

105 100

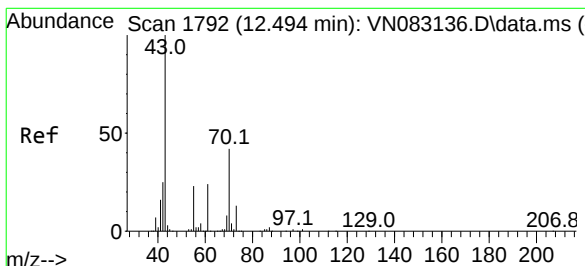
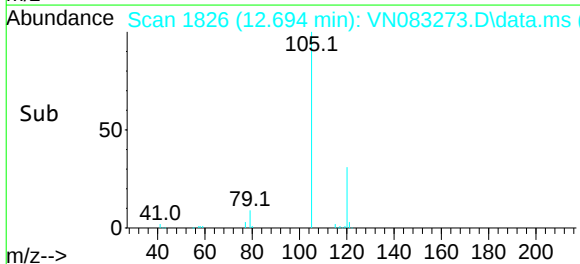
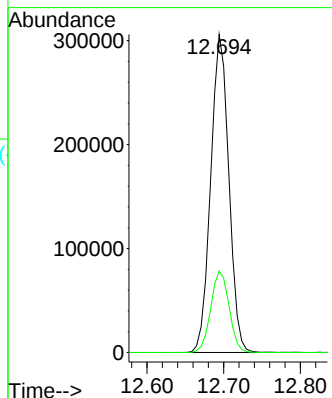
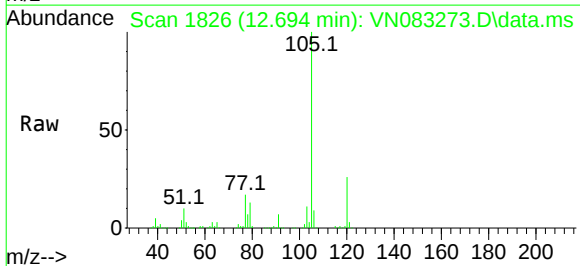
120 25.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2024

Supervised By :Mahesh Dadoda 08/14/2024



#74

N-ethyl acetate

Concen: 42.845 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN083273.D

Acq: 14 Aug 2024 02:14

Tgt Ion: 43 Resp: 228068

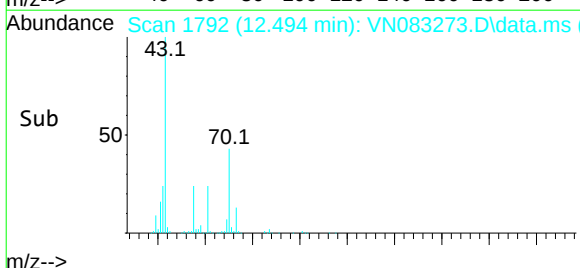
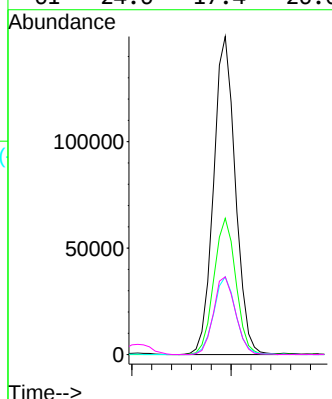
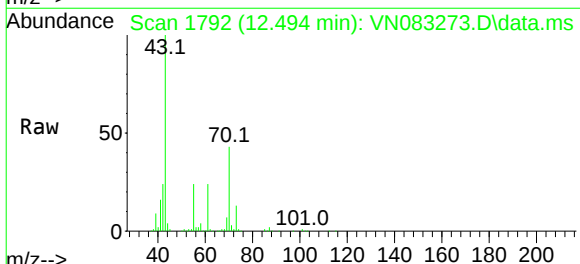
Ion Ratio Lower Upper

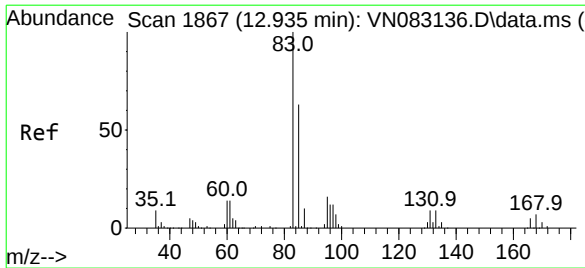
43 100

70 43.3 29.8 44.6

55 24.7 18.7 28.1

61 24.6 17.4 26.0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.722 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN083273.D

Acq: 14 Aug 2024 02:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

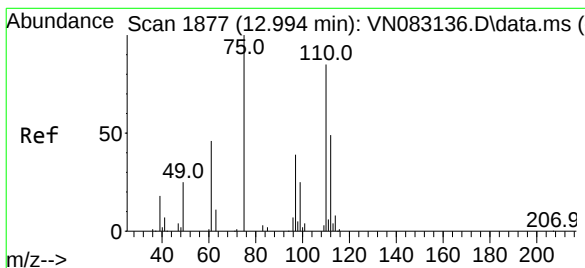
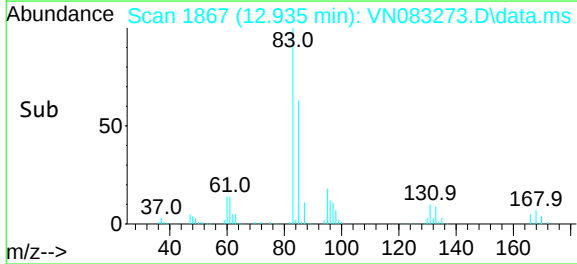
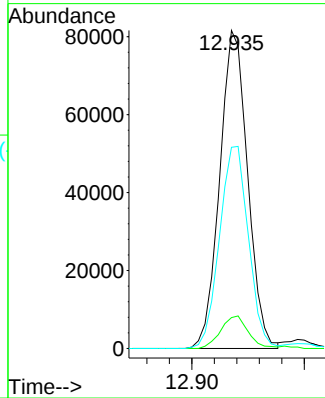
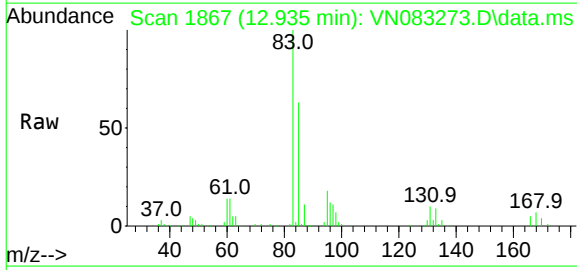
Tgt Ion: 83	Resp: 140731
Ion Ratio	Lower Upper
83 100	
131 10.1	5.0 14.9
85 65.7	31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2024

Supervised By :Mahesh Dadoda 08/14/2024



#76

1,2,3-Trichloropropane

Concen: 43.886 ug/l m

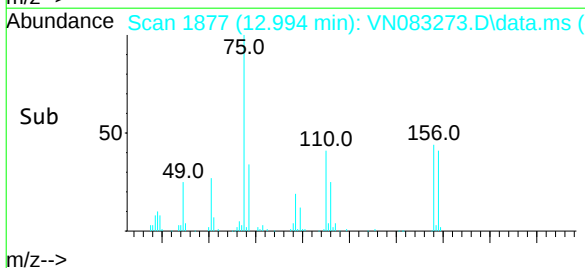
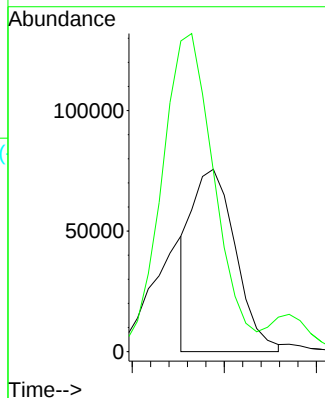
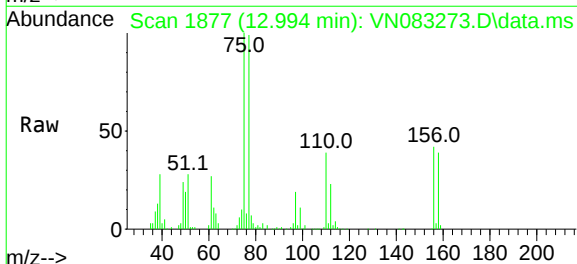
RT: 12.994 min Scan# 1877

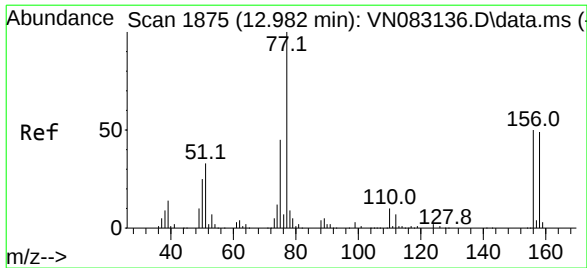
Delta R.T. 0.000 min

Lab File: VN083273.D

Acq: 14 Aug 2024 02:14

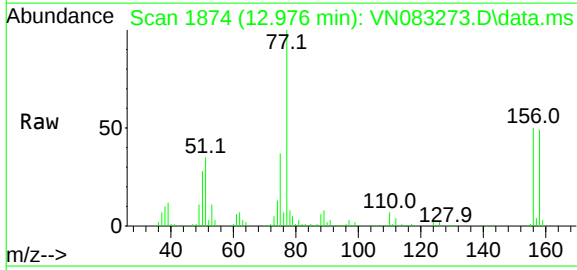
Tgt Ion: 75	Resp: 125319
Ion Ratio	Lower Upper
75 100	
77 209.9	110.9 332.6





#77
Bromobenzene
Concen: 47.337 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

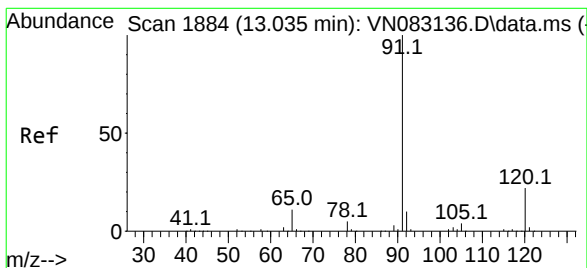
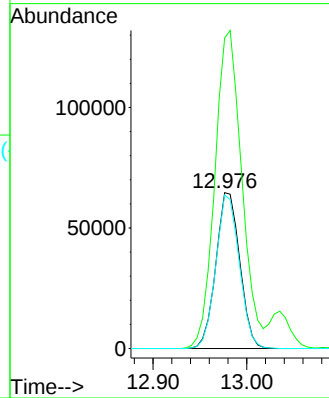
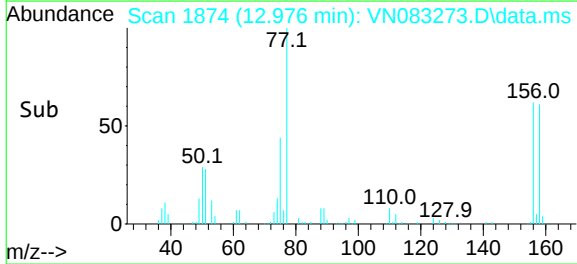
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 156 Resp: 114435
Ion Ratio Lower Upper
156 100
77 229.9 111.3 333.8
158 96.8 48.3 144.9

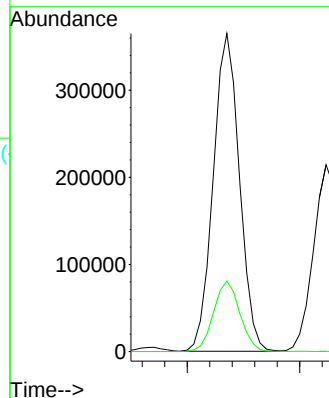
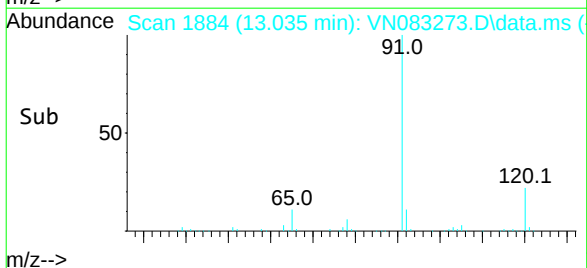
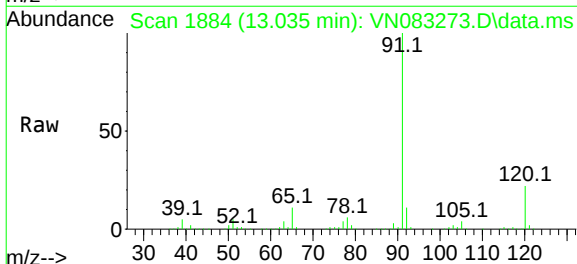
Manual Integrations
APPROVED

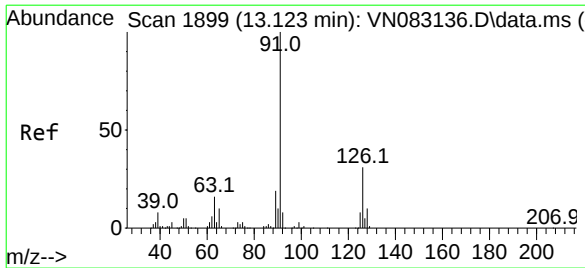
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#78
n-propylbenzene
Concen: 47.013 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Tgt Ion: 91 Resp: 589118
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9





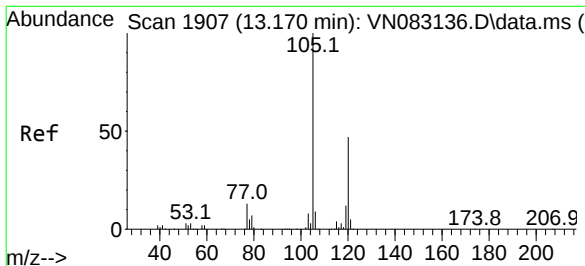
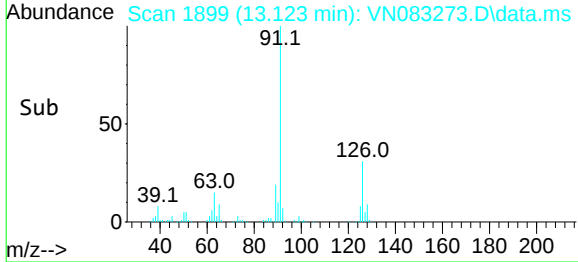
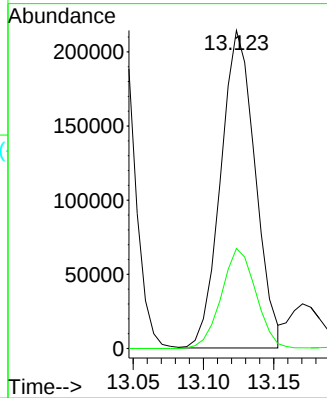
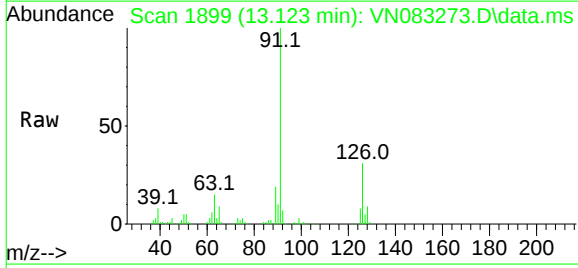
#79
2-Chlorotoluene
Concen: 45.940 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 364980
Ion Ratio Lower Upper
91 100
126 31.5 16.2 48.6

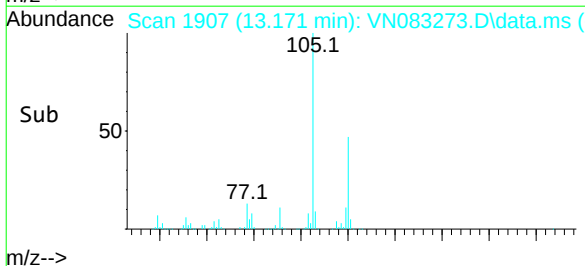
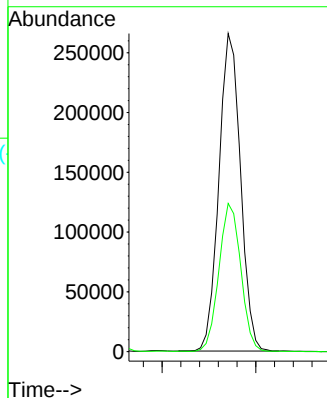
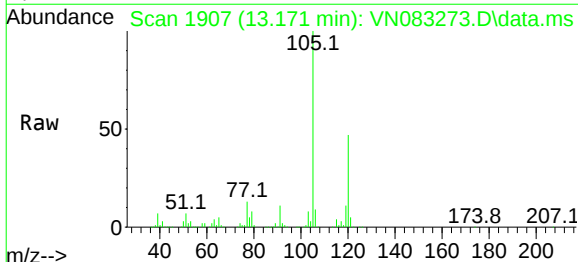
Manual Integrations
APPROVED

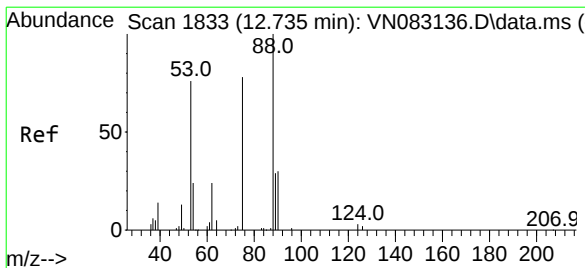
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#80
1,3,5-Trimethylbenzene
Concen: 46.717 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

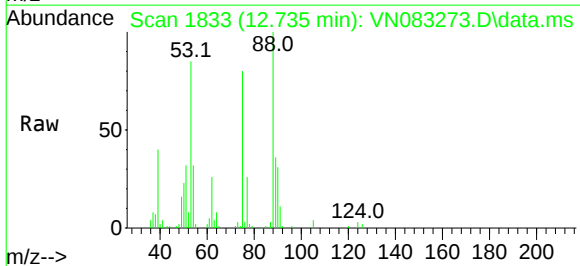
Tgt Ion:105 Resp: 425635
Ion Ratio Lower Upper
105 100
120 47.4 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 35.795 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

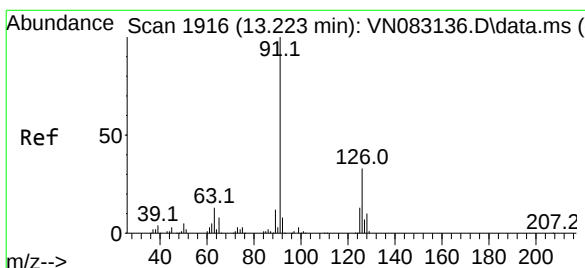
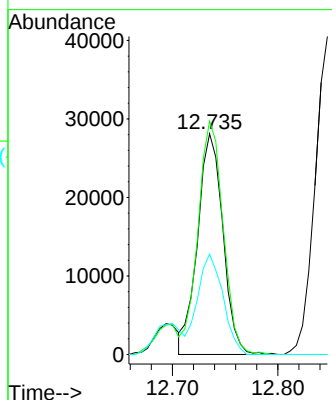
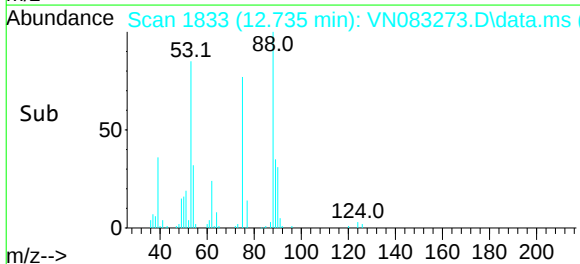
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 46990
Ion Ratio Lower Upper
75 100
53 105.4 88.4 132.6
89 45.4 36.3 54.5

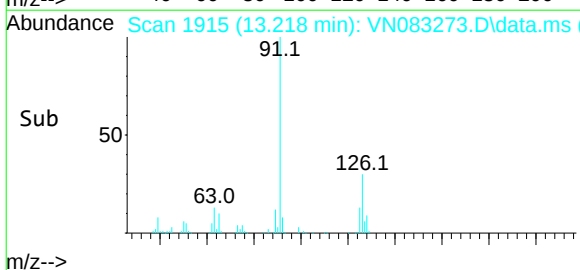
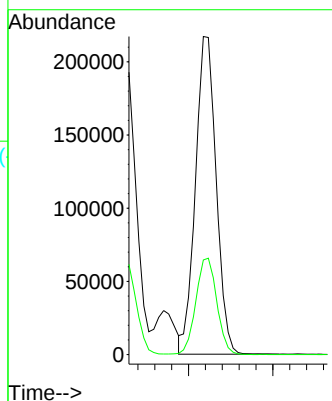
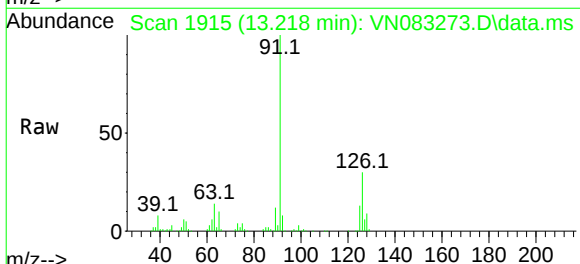
Manual Integrations
APPROVED

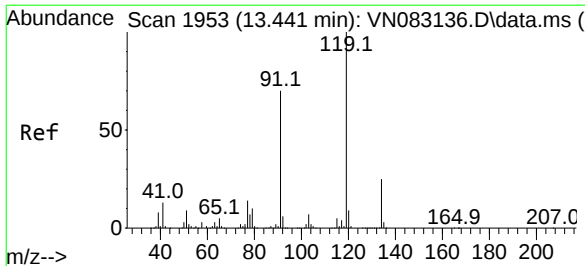
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#82
4-Chlorotoluene
Concen: 46.484 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Tgt Ion: 91 Resp: 370428
Ion Ratio Lower Upper
91 100
126 30.7 16.2 48.6





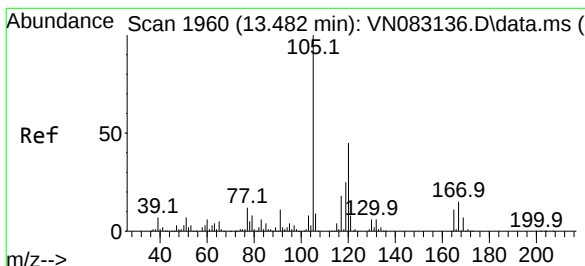
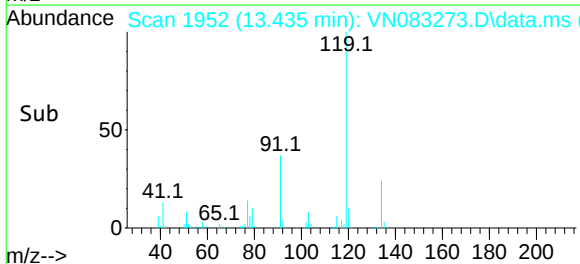
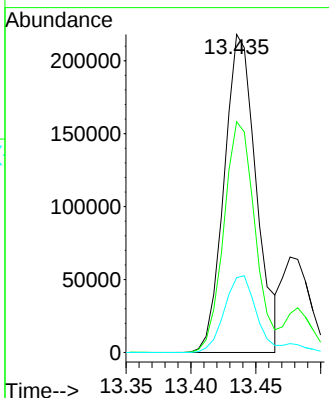
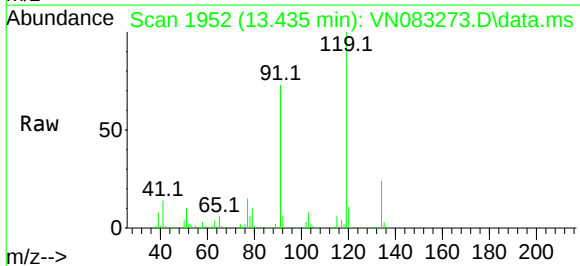
#83
tert-Butylbenzene
Concen: 46.463 ug/l
RT: 13.435 min Scan# 1953
Delta R.T. -0.006 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 374894
Ion Ratio Lower Upper
119 100
91 70.5 35.0 105.1
134 24.1 13.3 39.8

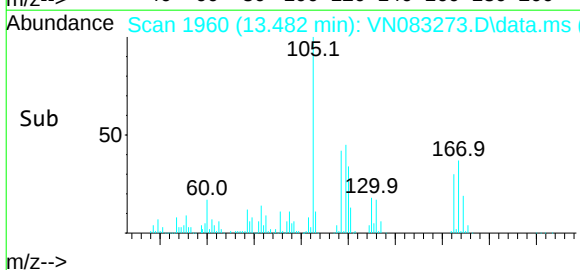
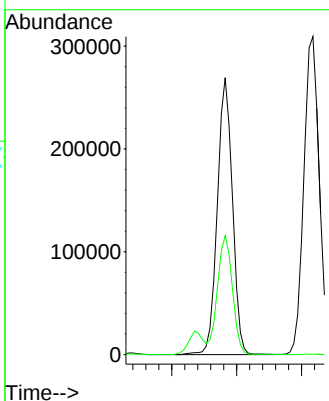
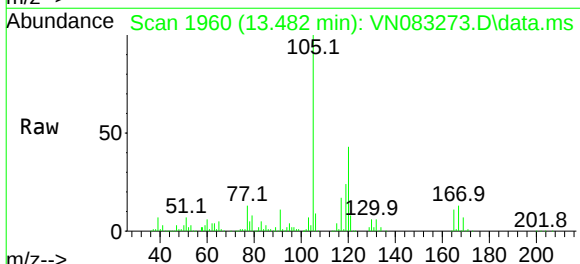
Manual Integrations
APPROVED

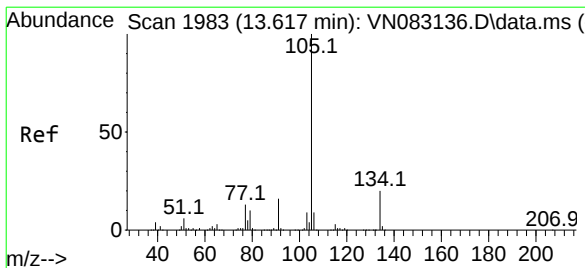
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#84
1,2,4-Trimethylbenzene
Concen: 47.380 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Tgt Ion:105 Resp: 435034
Ion Ratio Lower Upper
105 100
120 42.6 21.9 65.8





#85

sec-Butylbenzene

Concen: 46.360 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN083273.D

Acq: 14 Aug 2024 02:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 510406

Ion Ratio Lower Upper

105 100

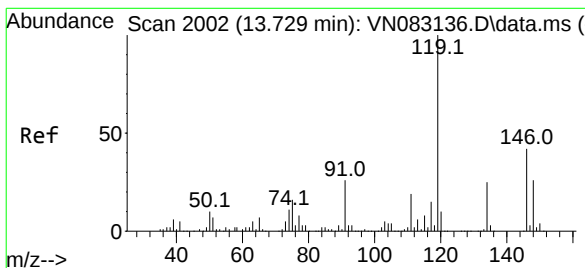
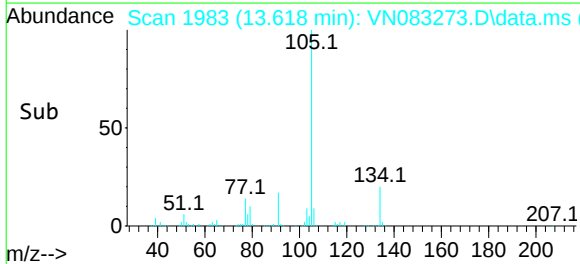
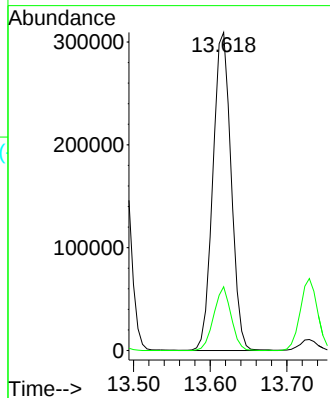
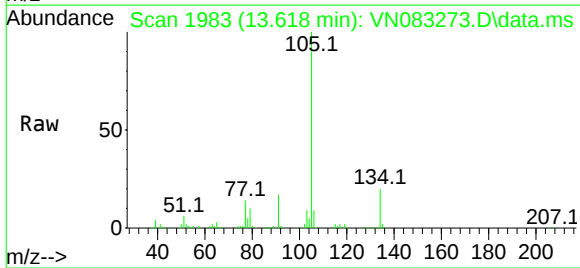
134 19.0 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2024

Supervised By :Mahesh Dadoda 08/14/2024



#86

p-Isopropyltoluene

Concen: 47.118 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN083273.D

Acq: 14 Aug 2024 02:14

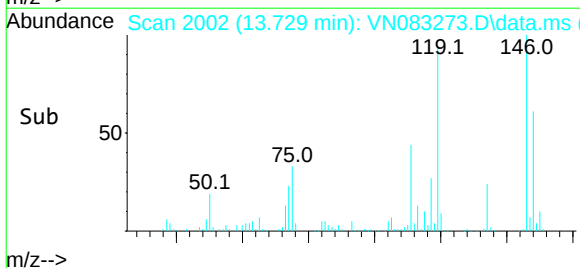
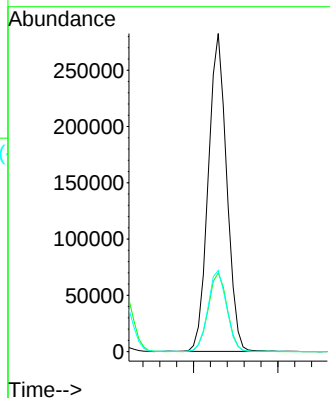
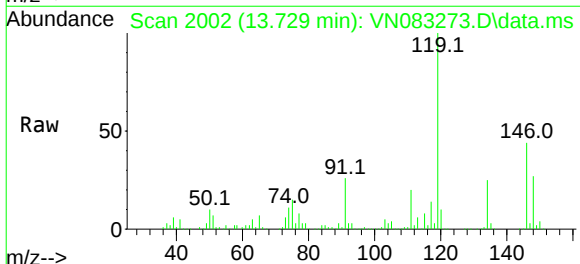
Tgt Ion:119 Resp: 428320

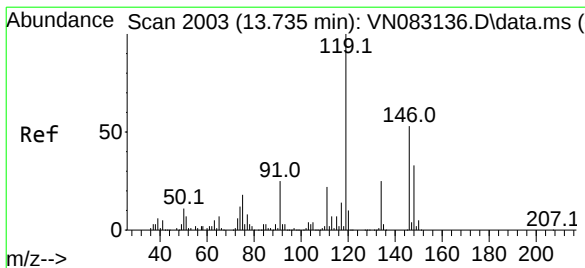
Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

91 25.8 12.3 36.9





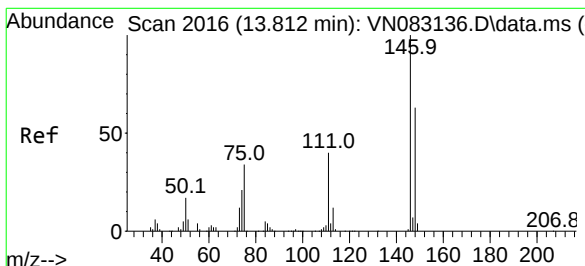
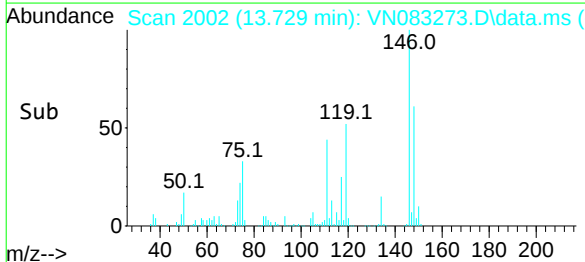
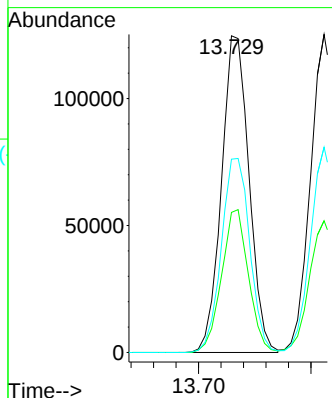
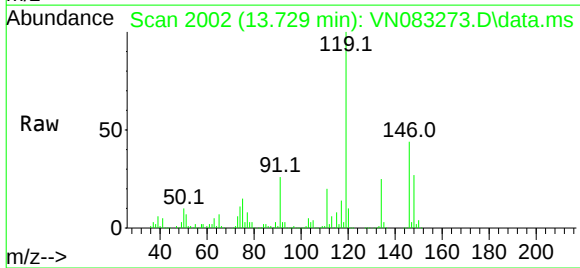
#87
1,3-Dichlorobenzene
Concen: 46.613 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 212036
Ion Ratio Lower Upper
146 100
111 44.1 20.6 61.9
148 63.2 31.8 95.3

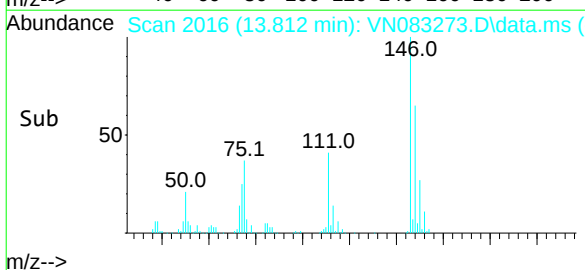
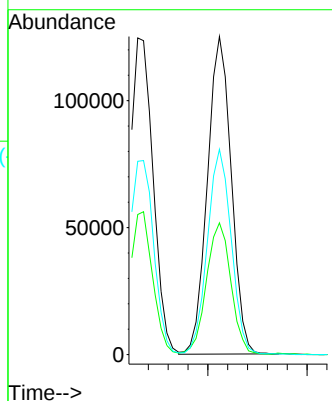
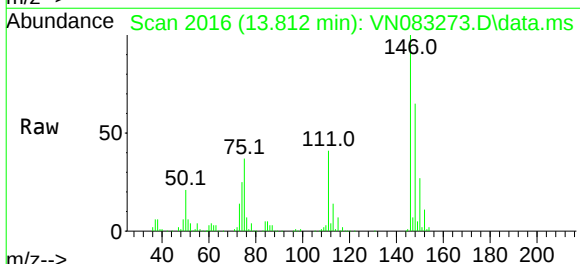
Manual Integrations
APPROVED

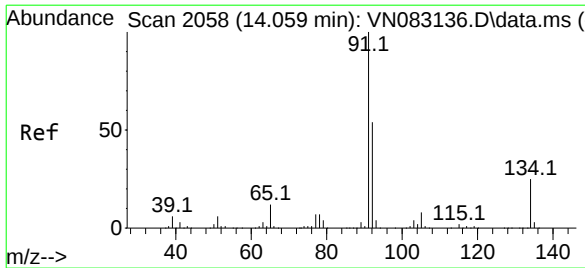
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#88
1,4-Dichlorobenzene
Concen: 45.682 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Tgt Ion:146 Resp: 209492
Ion Ratio Lower Upper
146 100
111 42.3 20.1 60.3
148 64.9 32.2 96.6





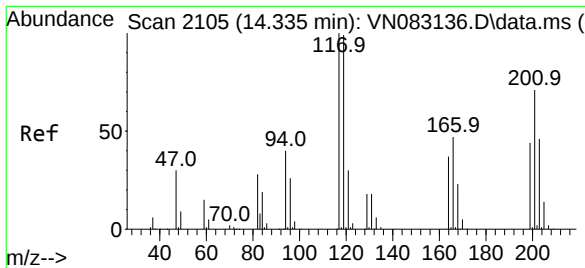
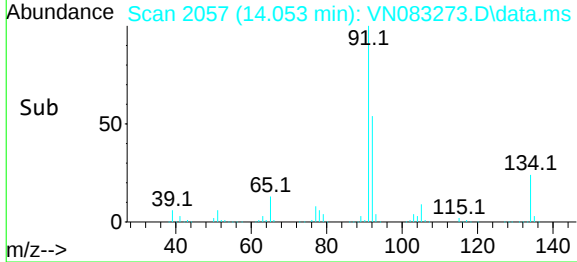
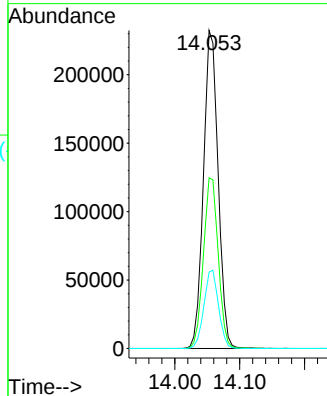
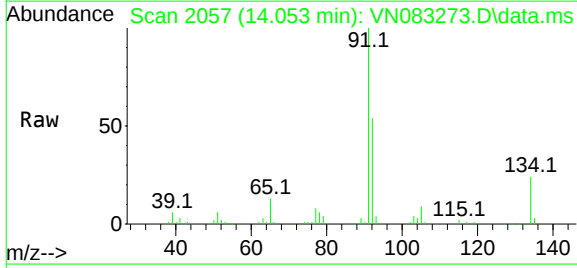
#89
n-Butylbenzene
Concen: 46.266 ug/l
RT: 14.053 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 364428
Ion Ratio Lower Upper
91 100
92 54.2 26.1 78.3
134 24.5 12.1 36.3

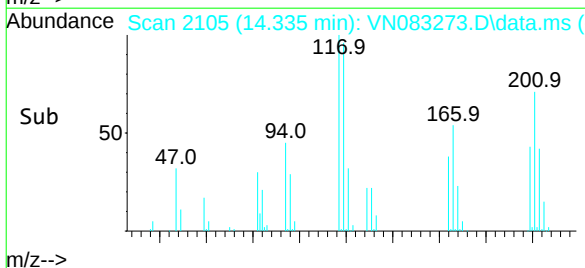
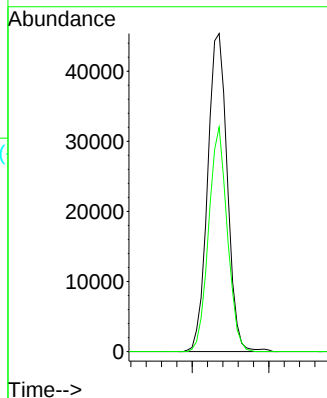
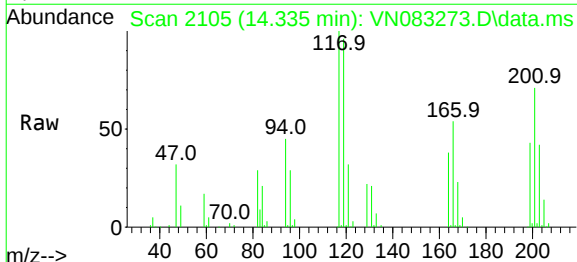
Manual Integrations
APPROVED

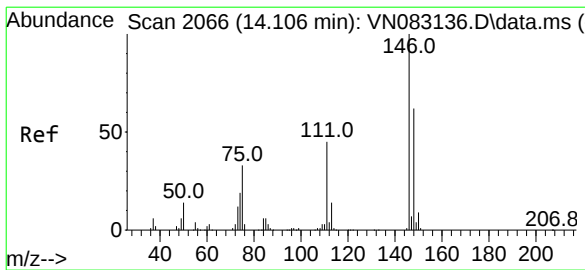
Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#90
Hexachloroethane
Concen: 46.041 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

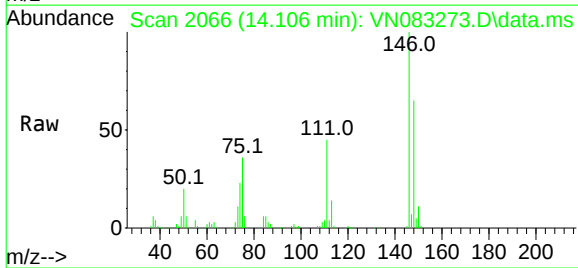
Tgt Ion:117 Resp: 80859
Ion Ratio Lower Upper
117 100
201 66.9 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 46.393 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

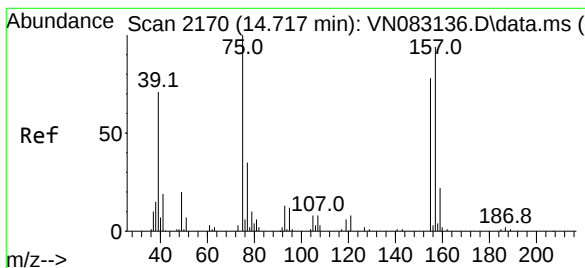
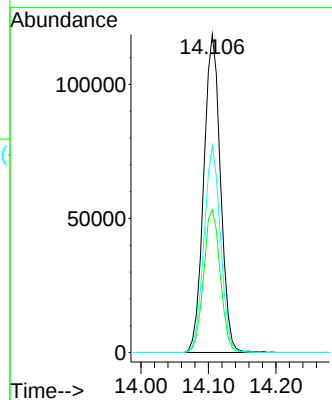
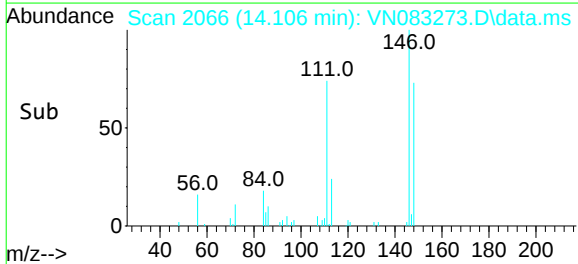
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



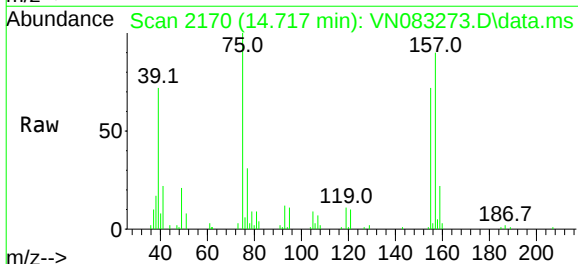
Tgt Ion: 146 Resp: 204215
Ion Ratio Lower Upper
146 100
111 44.7 21.4 64.2
148 64.1 32.1 96.5

Manual Integrations
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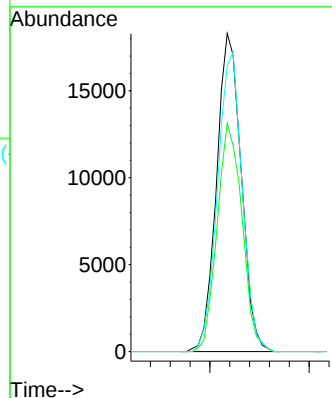
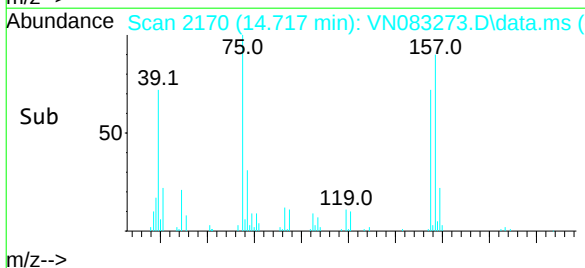
Reviewed By : John Carlone 08/14/2024
Supervised By : Mahesh Dadoda 08/14/2024

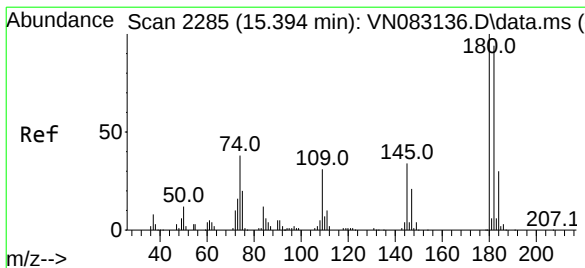


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.279 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14



Tgt Ion: 75 Resp: 31578
Ion Ratio Lower Upper
75 100
155 72.6 36.6 109.8
157 93.9 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 45.235 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN083273.D

Acq: 14 Aug 2024 02:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 111553

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.8

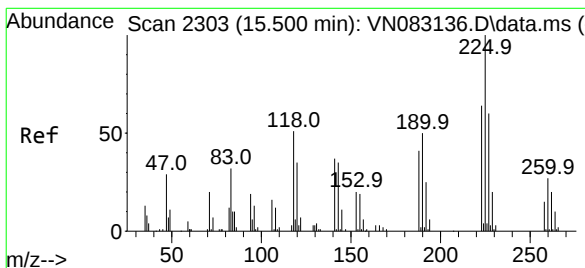
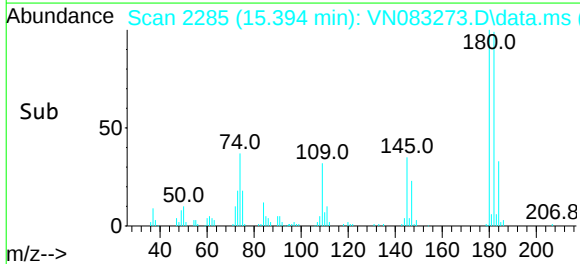
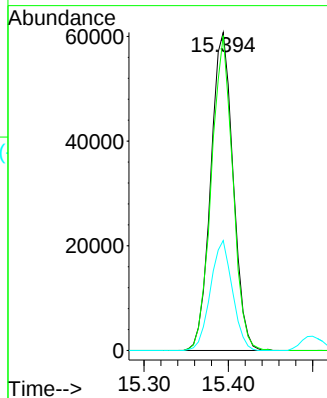
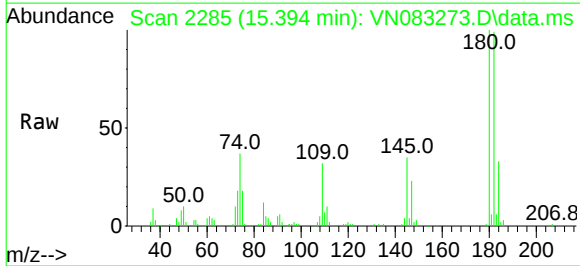
145 34.1 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2024

Supervised By :Mahesh Dadoda 08/14/2024



#94

Hexachlorobutadiene

Concen: 40.920 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN083273.D

Acq: 14 Aug 2024 02:14

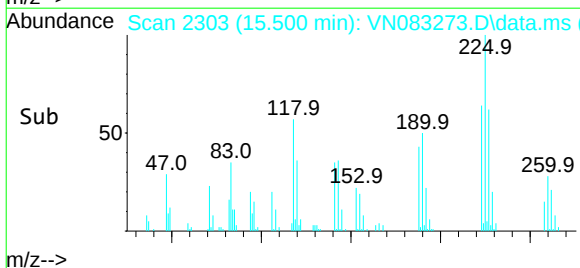
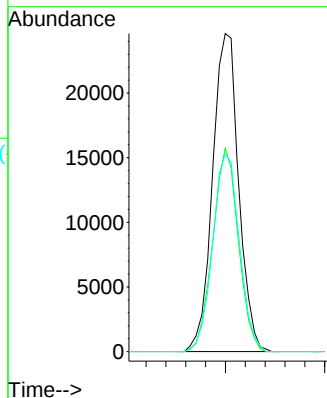
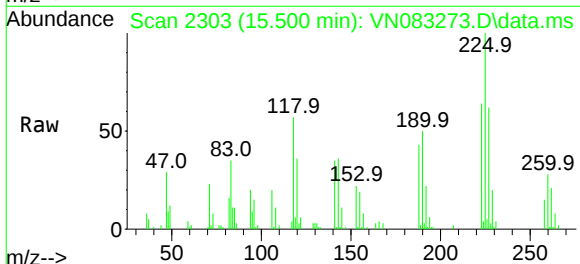
Tgt Ion:225 Resp: 44878

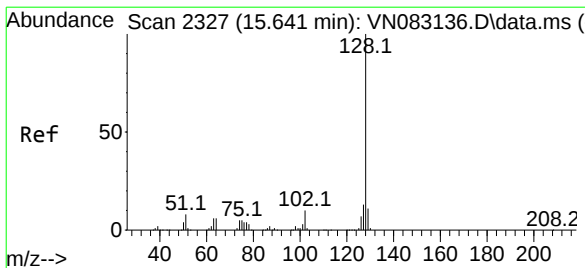
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.7

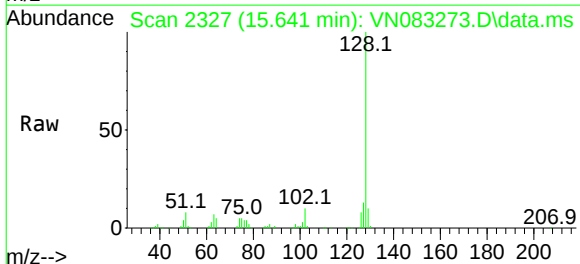
227 63.6 32.5 97.5





#95
Naphthalene
Concen: 44.043 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

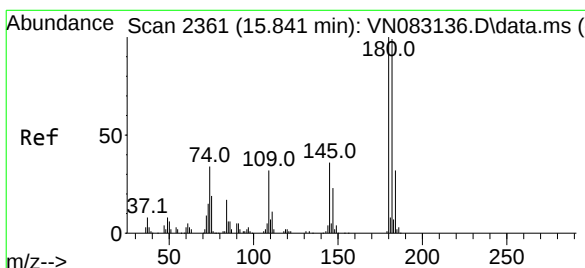
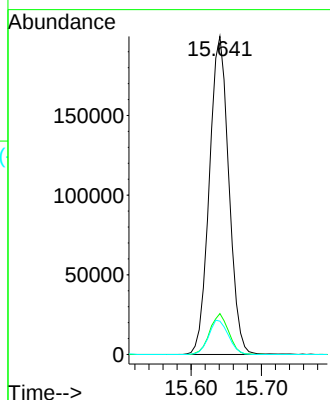
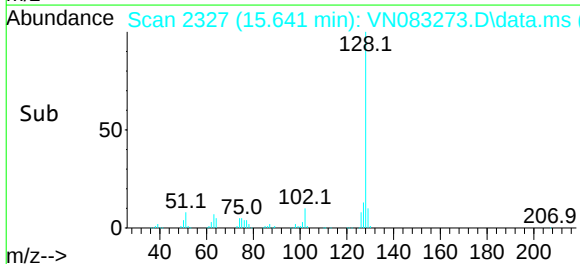
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 384733
Ion Ratio Lower Upper
128 100
127 12.5 10.6 16.0
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#96
1,2,3-Trichlorobenzene
Concen: 45.439 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN083273.D
Acq: 14 Aug 2024 02:14

Tgt Ion:180 Resp: 110878
Ion Ratio Lower Upper
180 100
182 91.7 48.9 146.8
145 35.9 16.8 50.4

