

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080924\
 Data File : VN083195.D
 Acq On : 09 Aug 2024 20:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/10/2024
 Supervised By : Mahesh Dadoda 08/12/2024

Quant Time: Aug 10 01:04:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	171700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	305276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	128421	52.546	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.100%			
35) Dibromofluoromethane	8.165	113	91209	47.867	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.740%			
50) Toluene-d8	10.565	98	348941	49.092	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.180%			
62) 4-Bromofluorobenzene	12.847	95	139802	50.451	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 100.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	93827	48.188	ug/l	94
3) Chloromethane	2.360	50	91020	45.660	ug/l	97
4) Vinyl Chloride	2.512	62	97074	47.724	ug/l	97
5) Bromomethane	2.942	94	54643	43.294	ug/l	93
6) Chloroethane	3.112	64	58742	46.160	ug/l	94
7) Trichlorofluoromethane	3.489	101	170243	50.664	ug/l	97
8) Diethyl Ether	3.959	74	60945	48.741	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.365	101	90652	48.932	ug/l	99
10) Methyl Iodide	4.583	142	115322	47.321	ug/l	92
11) Tert butyl alcohol	5.524	59	120381	237.017	ug/l	100
12) 1,1-Dichloroethene	4.336	96	88477	46.485	ug/l	90
13) Acrolein	4.177	56	96900	292.731	ug/l	99
14) Allyl chloride	5.024	41	150775	41.919	ug/l	94
15) Acrylonitrile	5.718	53	258652	247.616	ug/l	99
16) Acetone	4.430	43	219348	229.368	ug/l	93
17) Carbon Disulfide	4.712	76	232793	41.800	ug/l	99
18) Methyl Acetate	5.024	43	143862	50.491	ug/l	93
19) Methyl tert-butyl Ether	5.795	73	337642	49.147	ug/l	99
20) Methylene Chloride	5.277	84	100084	45.474	ug/l	83
21) trans-1,2-Dichloroethene	5.783	96	91721	46.626	ug/l	92
22) Diisopropyl ether	6.671	45	337233	49.879	ug/l	95
23) Vinyl Acetate	6.606	43	1727977m	249.350	ug/l	
24) 1,1-Dichloroethane	6.571	63	184819	50.151	ug/l	99
25) 2-Butanone	7.483	43	363734	247.710	ug/l	93
26) 2,2-Dichloropropane	7.489	77	133372	38.971	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	113851	47.961	ug/l	92
28) Bromochloromethane	7.818	49	70310	46.685	ug/l	87
29) Tetrahydrofuran	7.841	42	241947	254.891	ug/l	89
30) Chloroform	7.965	83	193678	50.587	ug/l	97
31) Cyclohexane	8.259	56	163053	45.020	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	183523	50.641	ug/l	96
36) 1,1-Dichloropropene	8.371	75	134906	46.803	ug/l	99
37) Ethyl Acetate	7.565	43	149442	46.305	ug/l #	96
38) Carbon Tetrachloride	8.359	117	157837	48.617	ug/l	97
39) Methylcyclohexane	9.600	83	159519	45.057	ug/l	94
40) Benzene	8.606	78	405617	47.237	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	83313	45.401	ug/l	95
42) 1,2-Dichloroethane	8.671	62	159321	50.933	ug/l	99
43) Isopropyl Acetate	8.688	43	262912	46.760	ug/l #	93
44) Trichloroethene	9.353	130	97407	47.658	ug/l	94
45) 1,2-Dichloropropane	9.624	63	100073	49.097	ug/l	96
46) Dibromomethane	9.712	93	72014	49.360	ug/l	99
47) Bromodichloromethane	9.888	83	158984	48.532	ug/l	98
48) Methyl methacrylate	9.683	41	124000	46.473	ug/l	91
49) 1,4-Dioxane	9.700	88	46226	960.293	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	773000	253.283	ug/l	94
52) Toluene	10.630	92	261651	48.226	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	159626	47.437	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	164328	45.913	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	98782	50.805	ug/l	97
56) Ethyl methacrylate	10.877	69	178977	48.828	ug/l	90
57) 1,3-Dichloropropane	11.165	76	171550	49.500	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	388254	250.586	ug/l	97
59) 2-Hexanone	11.194	43	586228	248.287	ug/l	93
60) Dibromochloromethane	11.359	129	118236	50.296	ug/l	98
61) 1,2-Dibromoethane	11.471	107	99722	48.823	ug/l	97
64) Tetrachloroethene	11.106	164	82921	46.413	ug/l	97
65) Chlorobenzene	11.894	112	280680	47.083	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	99873	47.502	ug/l	99
67) Ethyl Benzene	11.965	91	511469	46.769	ug/l	98
68) m/p-Xylenes	12.071	106	387299	94.542	ug/l	98
69) o-Xylene	12.400	106	190033	47.034	ug/l	99
70) Styrene	12.412	104	327654	48.284	ug/l	98
71) Bromoform	12.576	173	78335	49.181	ug/l #	100
73) Isopropylbenzene	12.694	105	494875	44.550	ug/l	100
74) N-amyl acetate	12.494	43	236939	43.607	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	145200	46.216	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	132039m	45.300	ug/l	
77) Bromobenzene	12.982	156	112838	45.728	ug/l	96
78) n-propylbenzene	13.035	91	581977	45.499	ug/l	99
79) 2-Chlorotoluene	13.124	91	364636	44.965	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	421426	45.315	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	49564	36.989	ug/l	97
82) 4-Chlorotoluene	13.224	91	360568	44.327	ug/l	98
83) tert-Butylbenzene	13.441	119	369986	44.924	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	425348	45.384	ug/l	99
85) sec-Butylbenzene	13.618	105	510565	45.432	ug/l	100
86) p-Isopropyltoluene	13.729	119	427068	46.026	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	207494	44.688	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	208636	44.571	ug/l	98
89) n-Butylbenzene	14.059	91	366076	45.531	ug/l	99
90) Hexachloroethane	14.335	117	79981	44.616	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	201923	44.940	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	34274	44.956	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	108865	43.248	ug/l	98
94) Hexachlorobutadiene	15.500	225	43668	39.008	ug/l	99
95) Naphthalene	15.641	128	395502	44.356	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	108337	43.496	ug/l	97

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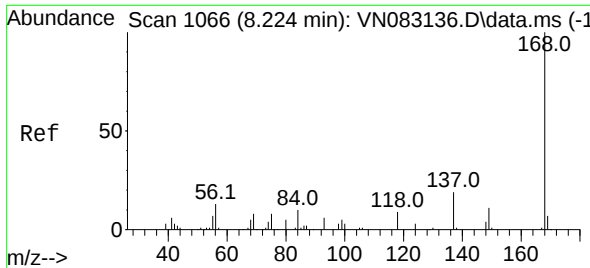
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 08/12/2024

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Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration

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



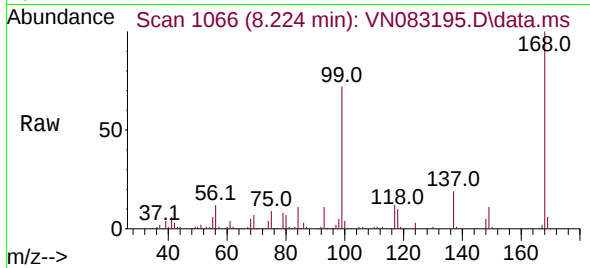
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

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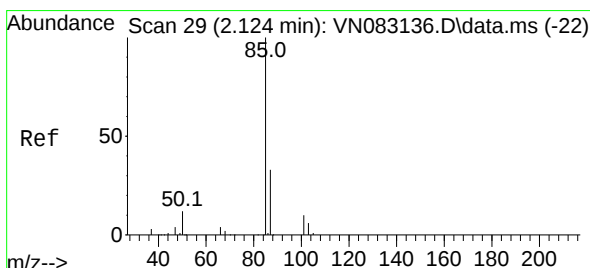
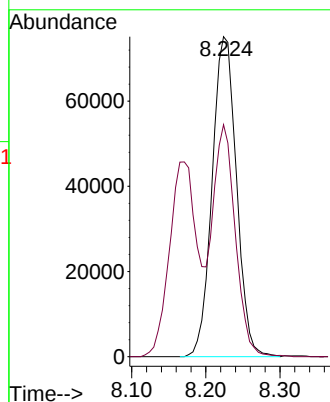
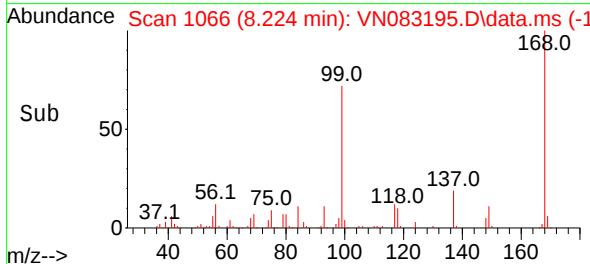
Tgt Ion:168 Resp: 171700
Ion Ratio Lower Upper
168 100
99 72.1 48.2 72.4

Manual Integrations

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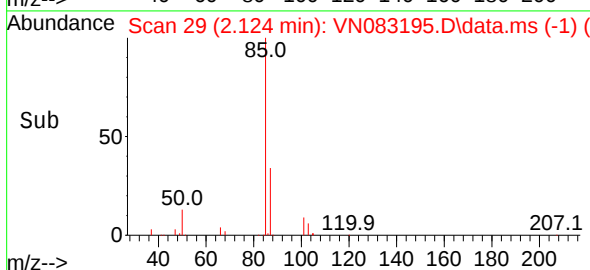
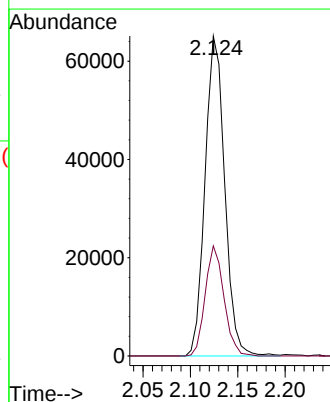
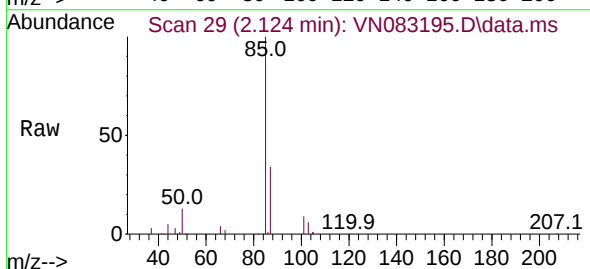
Reviewed By :John Carlone 08/10/2024

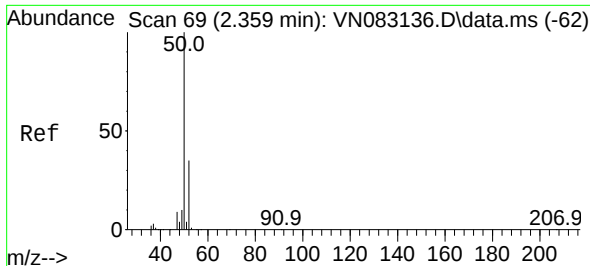
Supervised By :Mahesh Dadoda 08/12/2024



#2
Dichlorodifluoromethane
Concen: 48.188 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

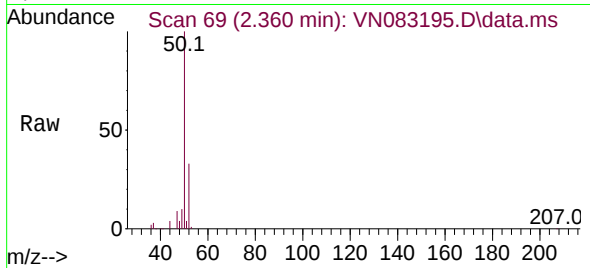
Tgt Ion: 85 Resp: 93827
Ion Ratio Lower Upper
85 100
87 34.4 15.7 47.0





#3
Chloromethane
Concen: 45.660 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

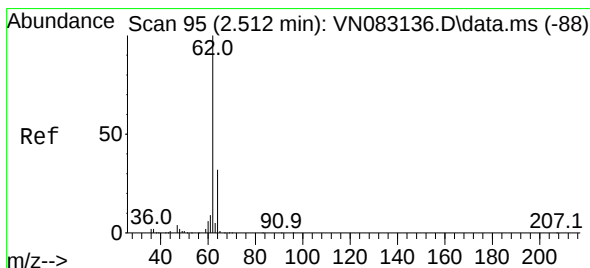
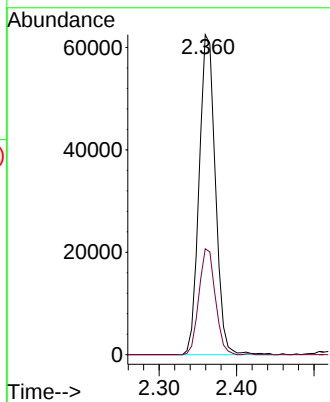
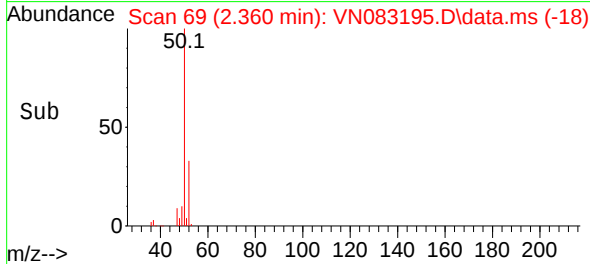
Instrument :
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Tgt Ion: 50 Resp: 91020
Ion Ratio Lower Upper
50 100
52 33.1 25.0 37.4

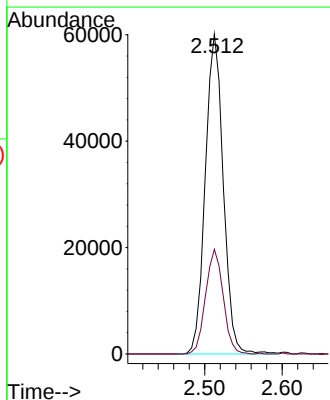
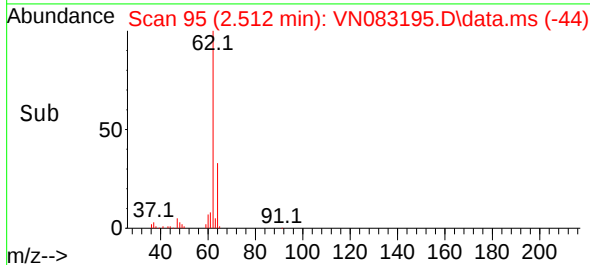
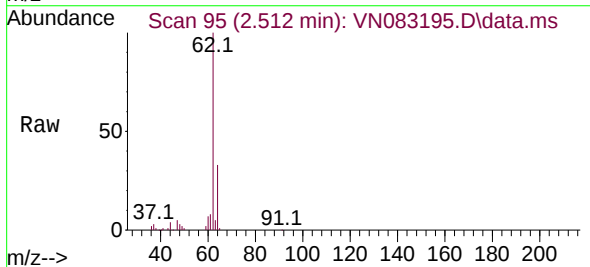
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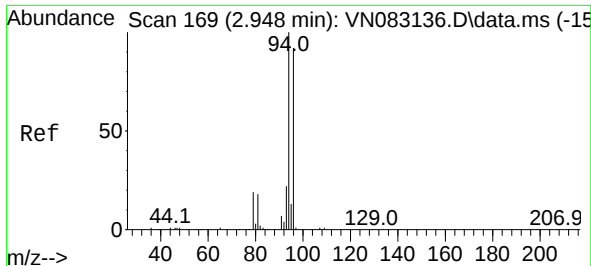
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024



#4
Vinyl Chloride
Concen: 47.724 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

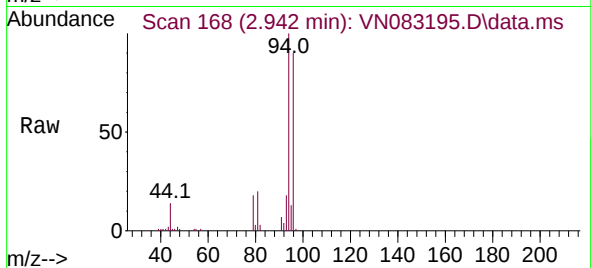
Tgt Ion: 62 Resp: 97074
Ion Ratio Lower Upper
62 100
64 32.7 25.0 37.6





#5
Bromomethane
Concen: 43.294 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

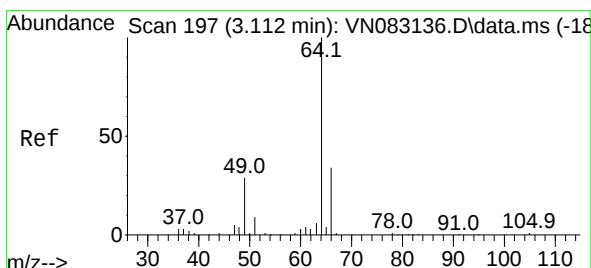
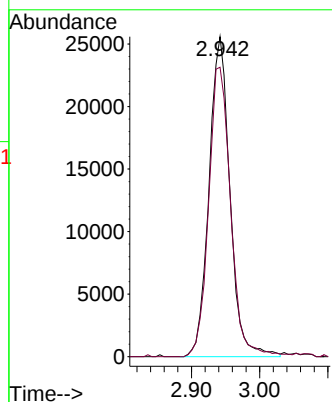
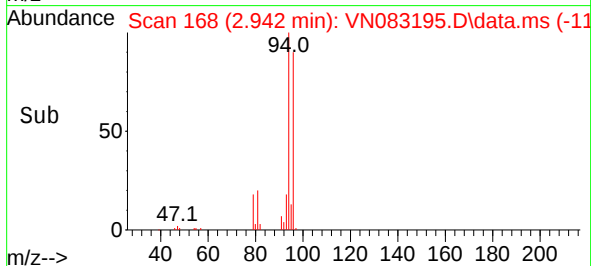
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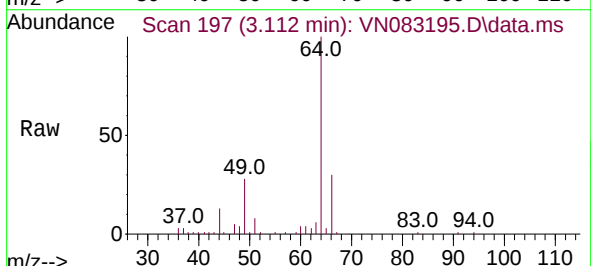
Tgt Ion: 94 Resp: 5464
Ion Ratio Lower Upper
94 100
96 90.4 78.0 117.0

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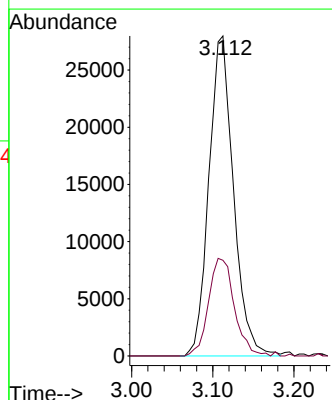
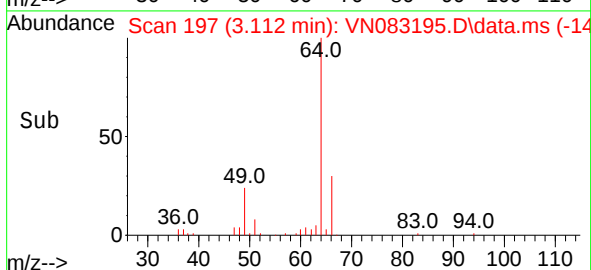
Reviewed By :John Carlone 08/10/2024
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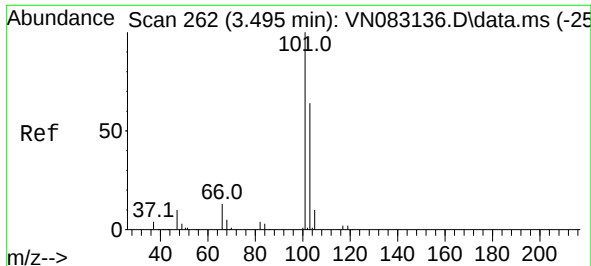


#6
Chloroethane
Concen: 46.160 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27



Tgt Ion: 64 Resp: 58742
Ion Ratio Lower Upper
64 100
66 29.9 26.6 40.0





#7
Trichlorofluoromethane
Concen: 50.664 ug/l
RT: 3.489 min Scan# 262
Delta R.T. -0.006 min
Lab File: VN083195.D
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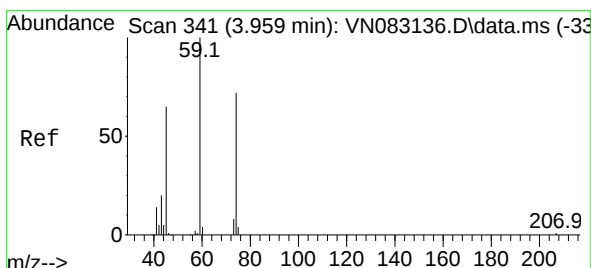
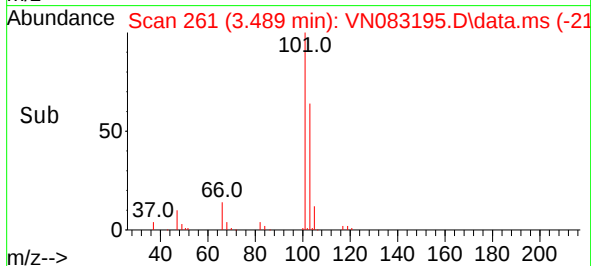
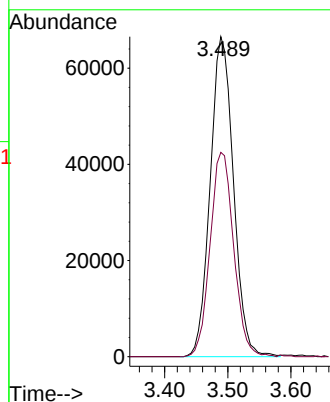
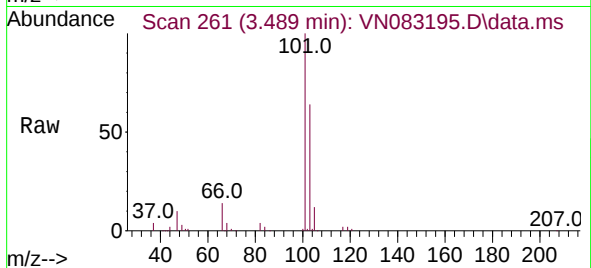
Tgt Ion:101 Resp: 17024
Ion Ratio Lower Upper
101 100
103 63.8 52.7 79.1

Manual Integrations

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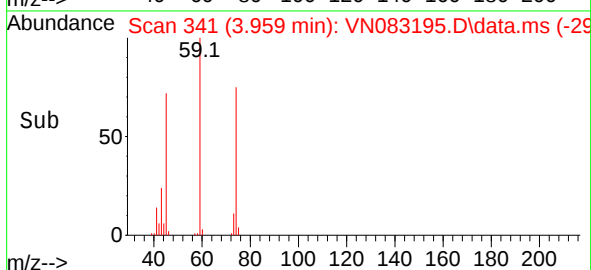
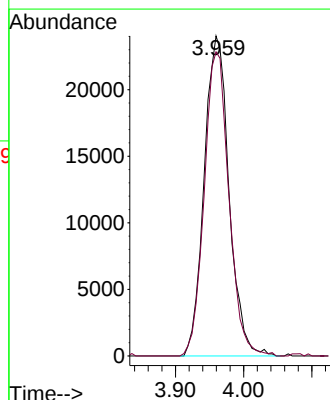
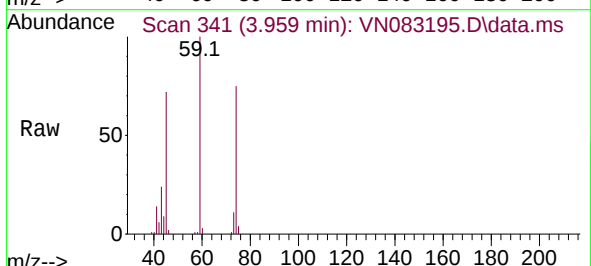
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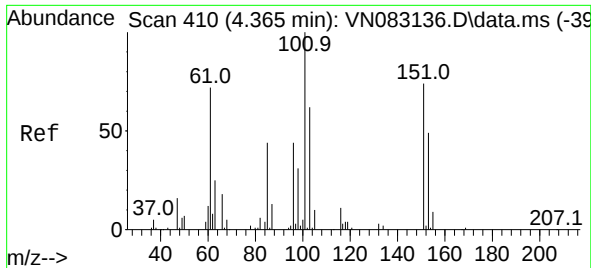
Supervised By :Mahesh Dadoda 08/12/2024



#8
Diethyl Ether
Concen: 48.741 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN083195.D
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Tgt Ion: 74 Resp: 60945
Ion Ratio Lower Upper
74 100
45 94.5 55.5 166.3





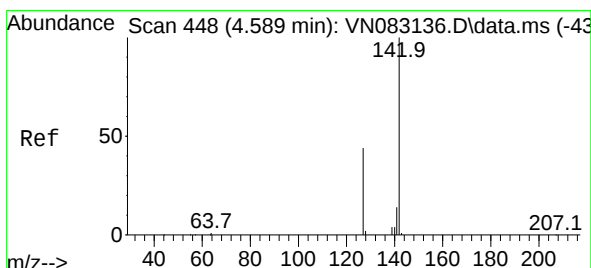
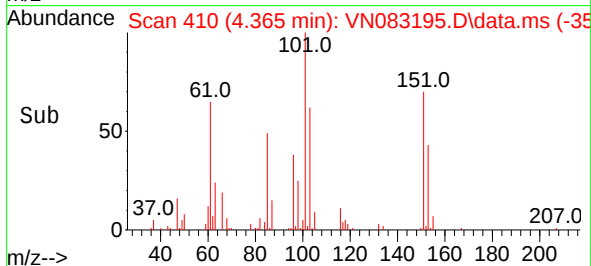
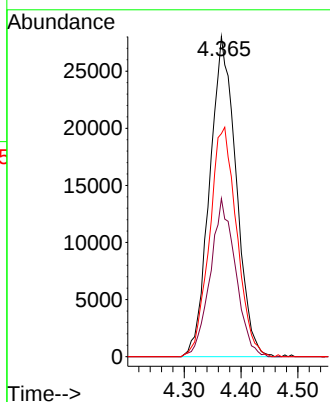
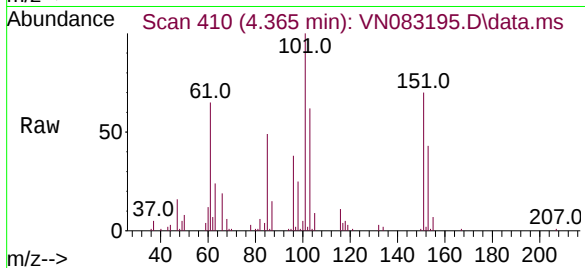
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.932 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 90652
Ion Ratio Lower Upper
101 100
85 47.1 38.3 57.5
151 73.8 59.3 88.9

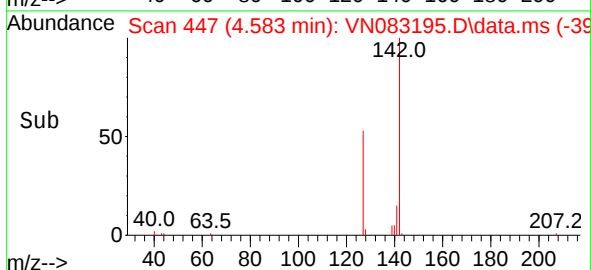
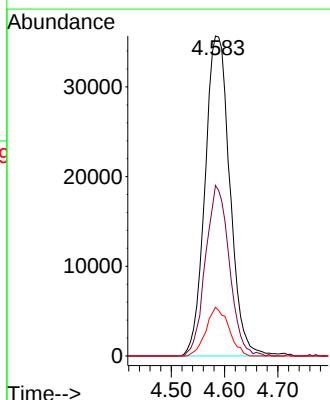
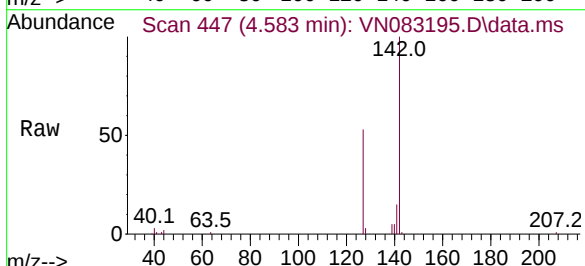
Manual Integrations
APPROVED

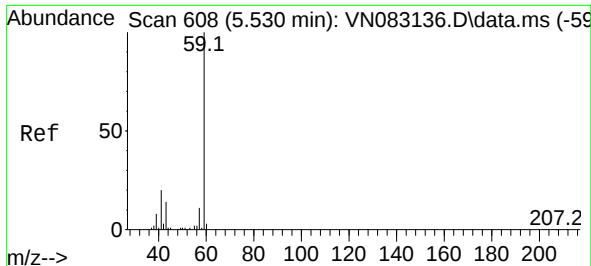
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024



#10
Methyl Iodide
Concen: 47.321 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

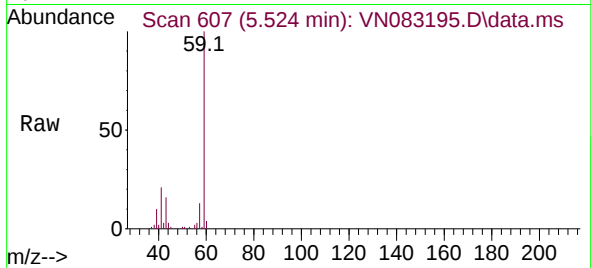
Tgt Ion:142 Resp: 115322
Ion Ratio Lower Upper
142 100
127 53.3 37.5 56.3
141 15.2 13.1 19.7





#11
Tert butyl alcohol
Concen: 237.017 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

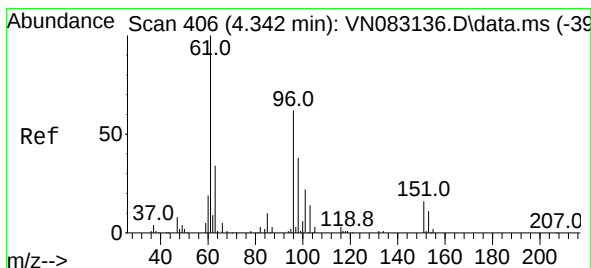
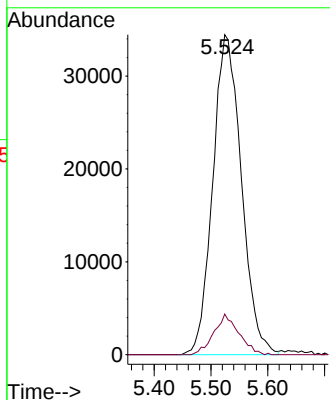
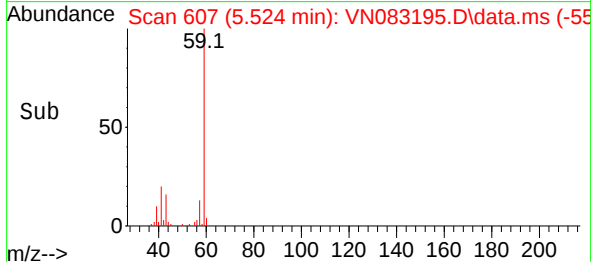
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 12038
Ion Ratio Lower Upper
59 100
57 11.1 8.9 13.3

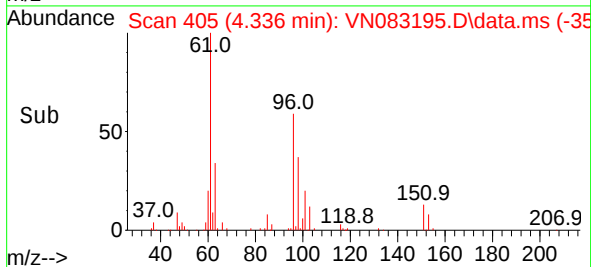
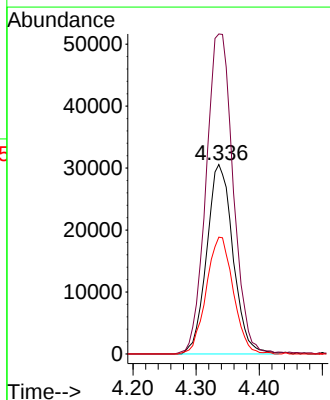
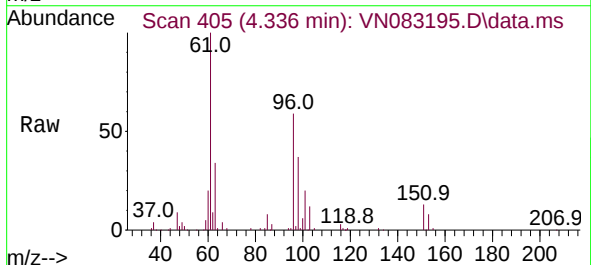
Manual Integrations
APPROVED

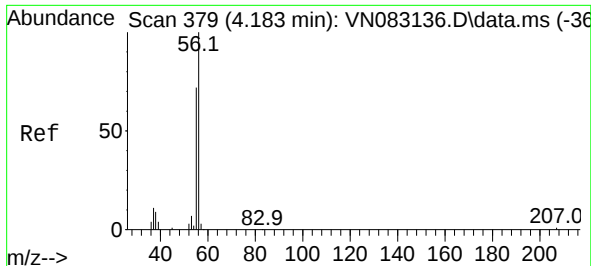
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024



#12
1,1-Dichloroethene
Concen: 46.485 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

Tgt Ion: 96 Resp: 88477
Ion Ratio Lower Upper
96 100
61 168.3 149.7 224.5
98 61.7 50.1 75.1





#13

Acrolein

Concen: 292.731 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN083195.D

Acq: 09 Aug 2024 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 96900

Ion Ratio Lower Upper

56 100

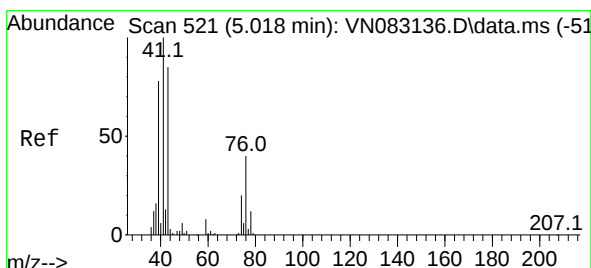
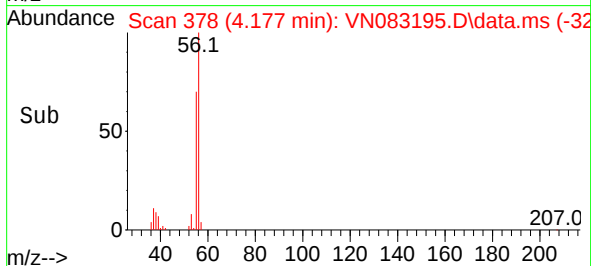
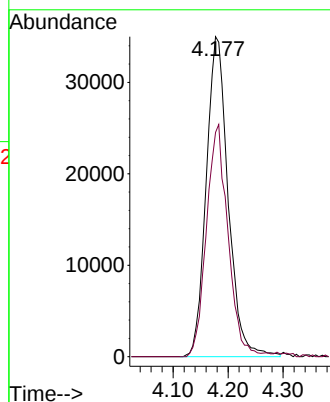
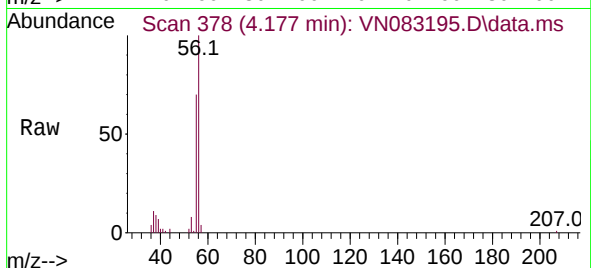
55 71.1 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2024

Supervised By :Mahesh Dadoda 08/12/2024



#14

Allyl chloride

Concen: 41.919 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN083195.D

Acq: 09 Aug 2024 20:27

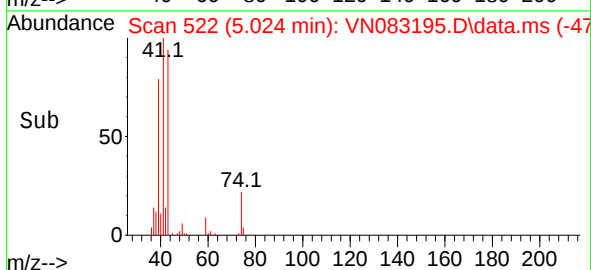
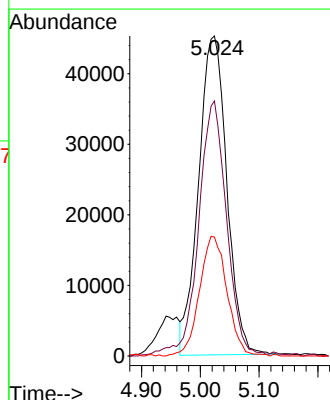
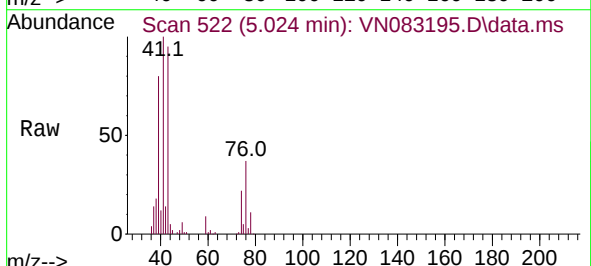
Tgt Ion: 41 Resp: 150775

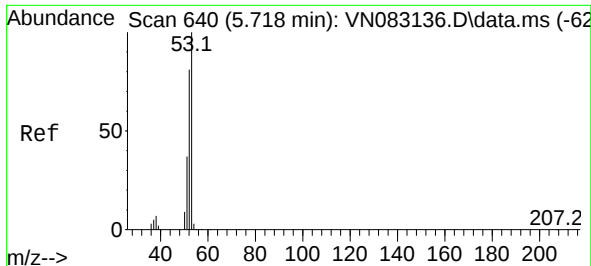
Ion Ratio Lower Upper

41 100

39 79.3 67.8 101.6

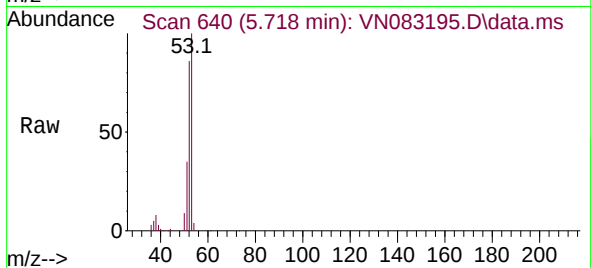
76 36.6 25.8 38.8





#15
Acrylonitrile
Concen: 247.616 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

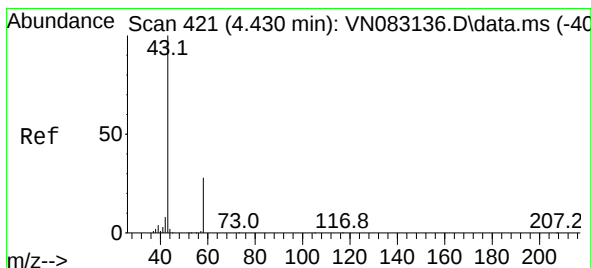
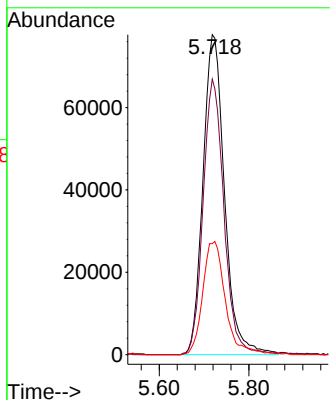
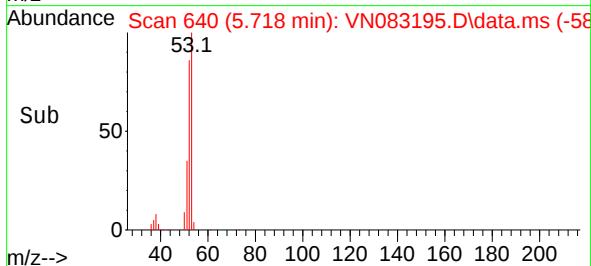
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



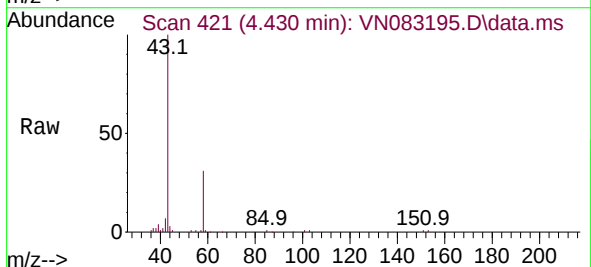
Tgt Ion: 53 Resp: 258652
Ion Ratio Lower Upper
53 100
52 83.9 66.6 100.0
51 37.4 30.1 45.1

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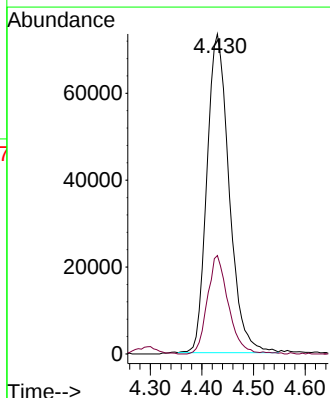
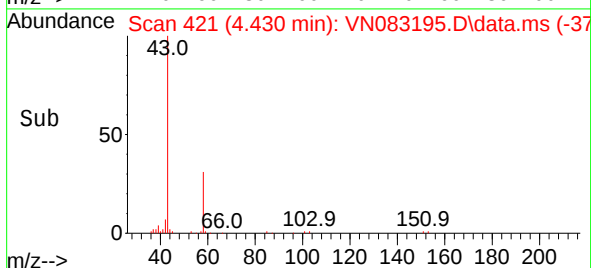
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024

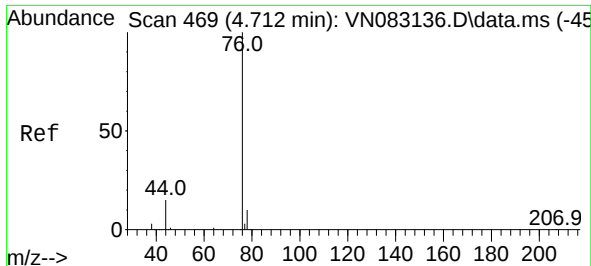


#16
Acetone
Concen: 229.368 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27



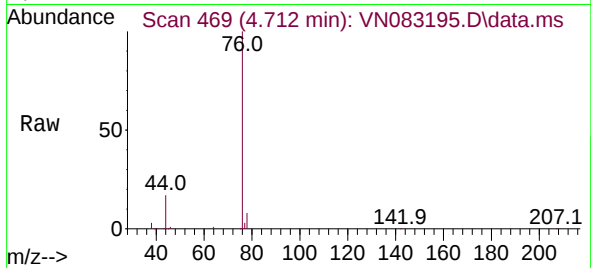
Tgt Ion: 43 Resp: 219348
Ion Ratio Lower Upper
43 100
58 30.9 21.8 32.6





#17
Carbon Disulfide
Concen: 41.800 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

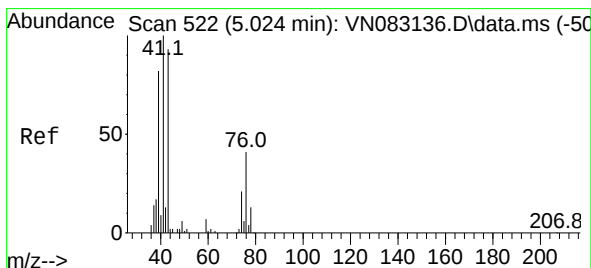
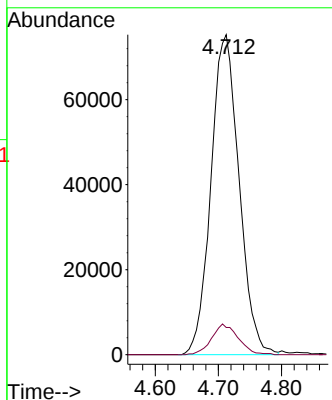
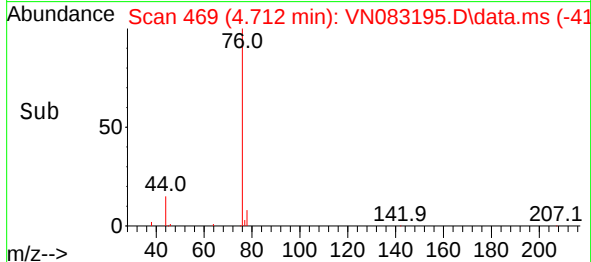
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 232793
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

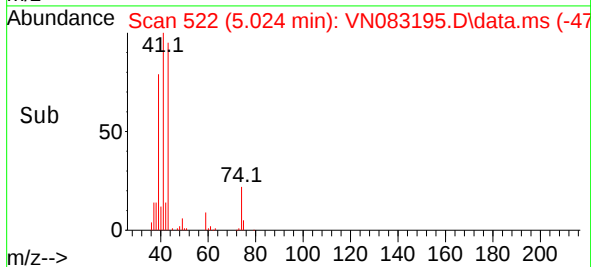
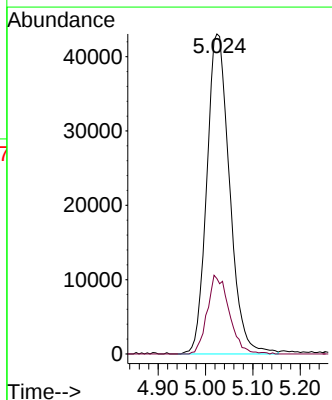
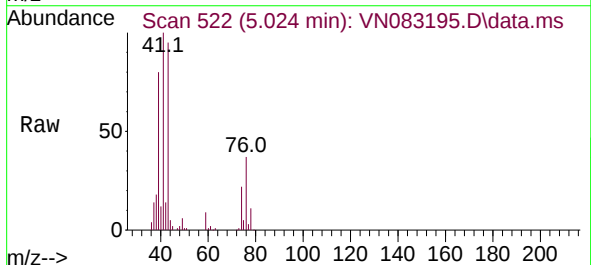
Manual Integrations
APPROVED

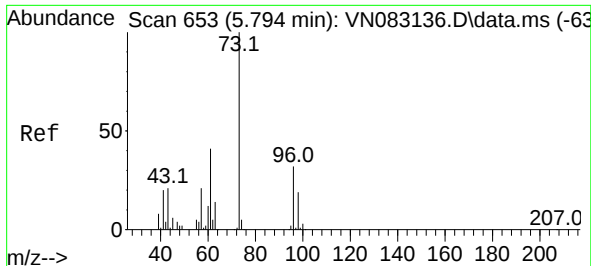
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024



#18
Methyl Acetate
Concen: 50.491 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

Tgt Ion: 43 Resp: 143862
Ion Ratio Lower Upper
43 100
74 23.8 16.3 24.5





#19

Methyl tert-butyl Ether

Concen: 49.147 ug/l

RT: 5.795 min Scan# 653

Delta R.T. 0.000 min

Lab File: VN083195.D

Acq: 09 Aug 2024 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 33764

Ion Ratio Lower Upper

73 100

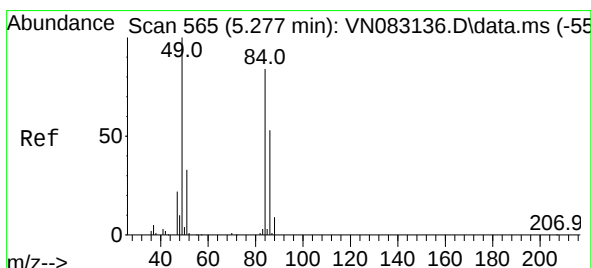
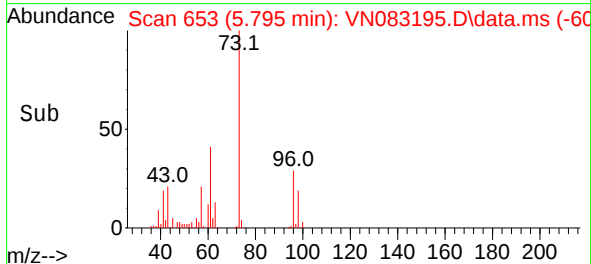
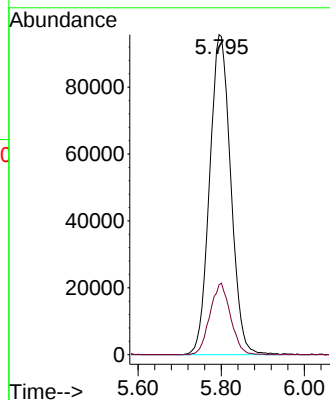
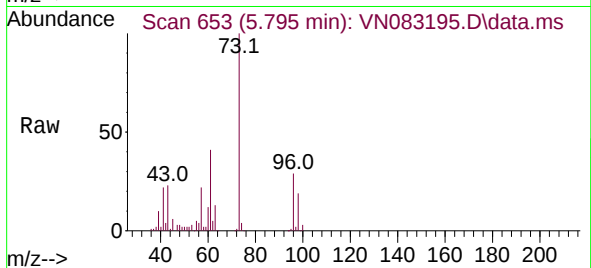
57 21.8 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2024

Supervised By :Mahesh Dadoda 08/12/2024



#20

Methylene Chloride

Concen: 45.474 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.000 min

Lab File: VN083195.D

Acq: 09 Aug 2024 20:27

Tgt Ion: 84 Resp: 100084

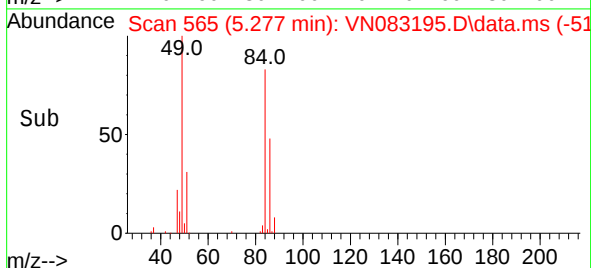
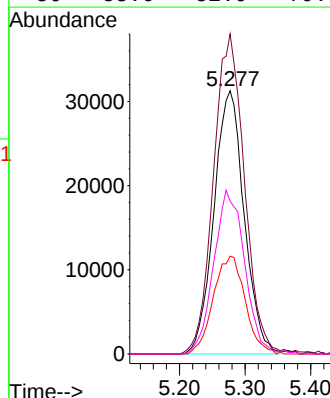
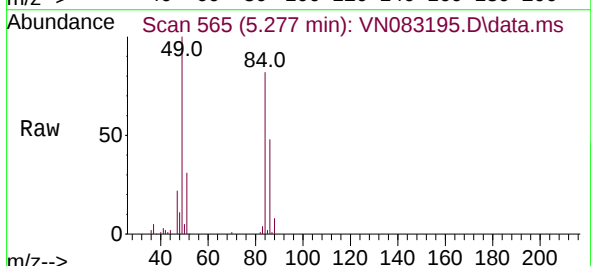
Ion Ratio Lower Upper

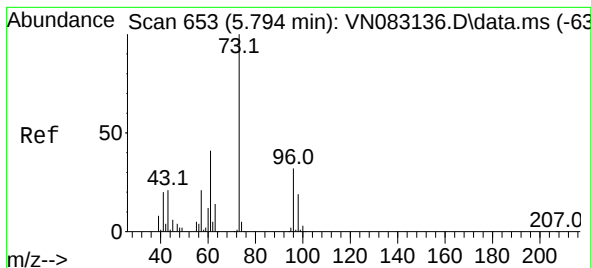
84 100

49 121.6 119.6 179.4

51 37.1 34.8 52.2

86 58.0 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 46.626 ug/l

RT: 5.783 min Scan# 61

Delta R.T. -0.012 min

Lab File: VN083195.D

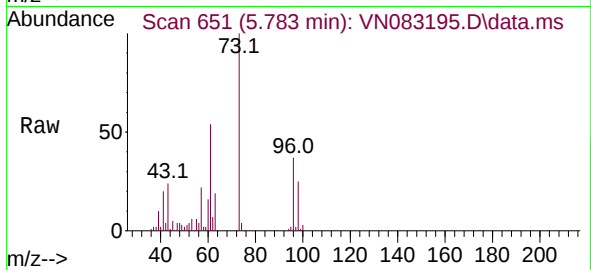
Acq: 09 Aug 2024 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 96 Resp: 9172

Ion Ratio Lower Upper

96 100

61 143.8 123.4 185.2

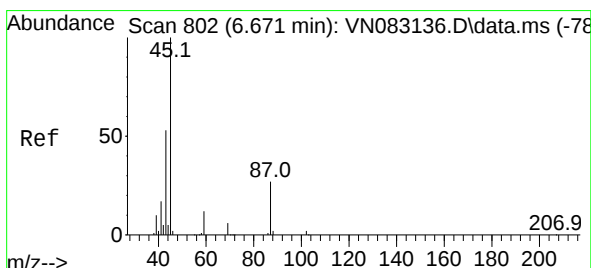
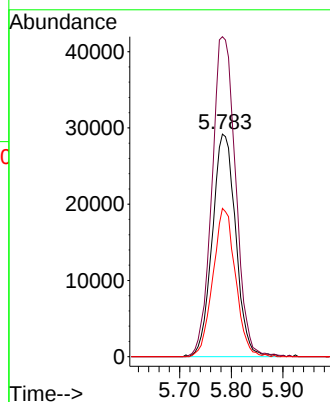
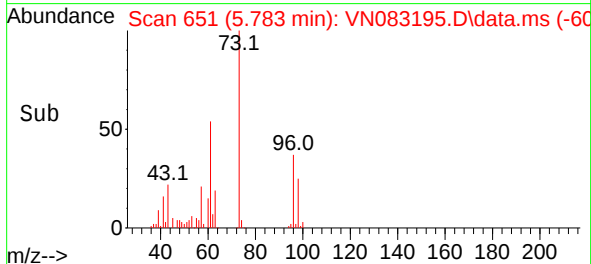
98 66.6 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2024

Supervised By :Mahesh Dadoda 08/12/2024



#22

Diisopropyl ether

Concen: 49.879 ug/l

RT: 6.671 min Scan# 802

Delta R.T. 0.000 min

Lab File: VN083195.D

Acq: 09 Aug 2024 20:27

Tgt Ion: 45 Resp: 337233

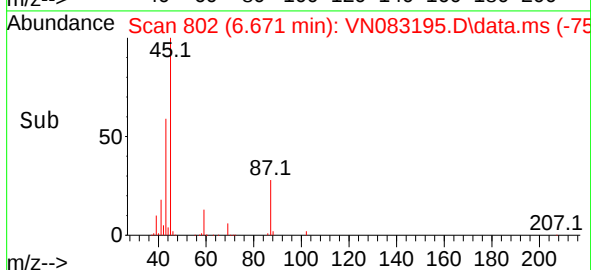
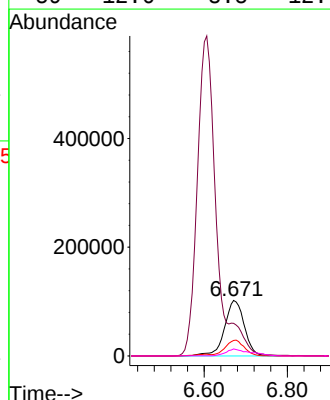
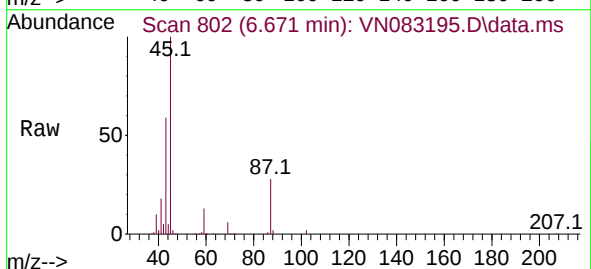
Ion Ratio Lower Upper

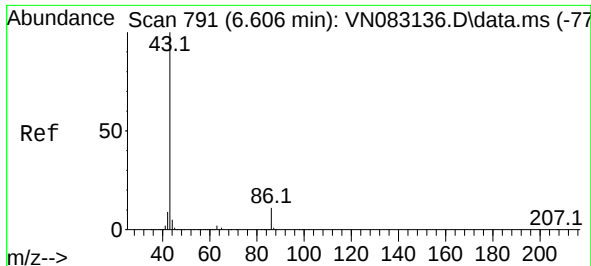
45 100

43 57.7 44.0 66.0

87 28.0 19.7 29.5

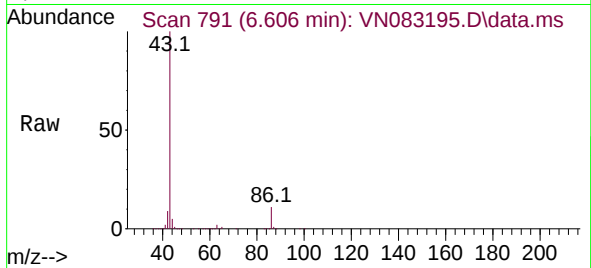
59 12.6 8.5 12.7





#23
 Vinyl Acetate
 Concen: 249.350 ug/l m
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN083195.D
 Acq: 09 Aug 2024 20:27

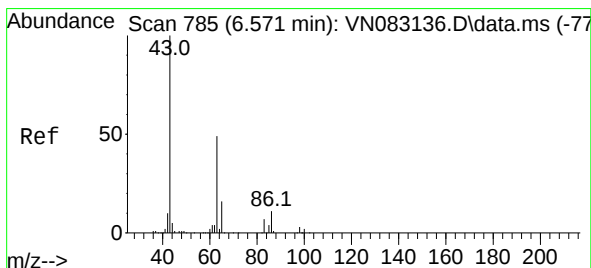
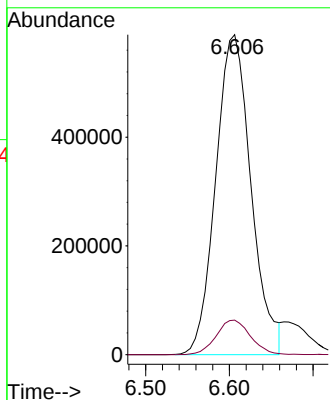
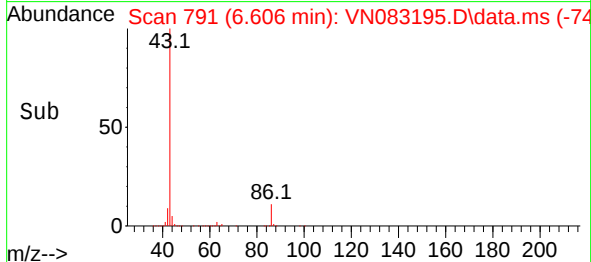
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 172797
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.3 10.9

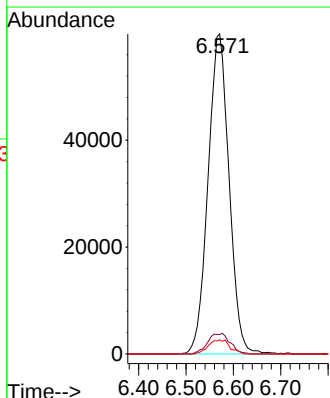
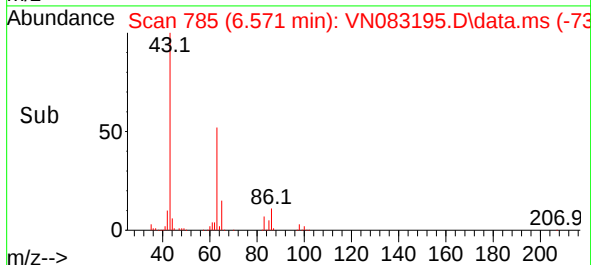
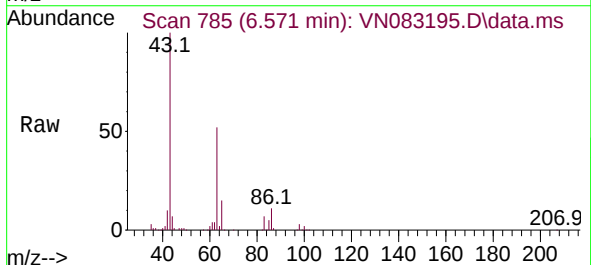
Manual Integrations
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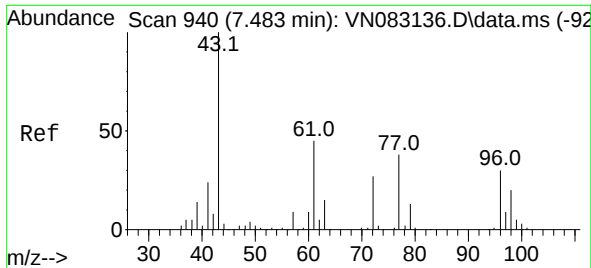
Reviewed By :John Carlone 08/10/2024
 Supervised By :Mahesh Dadoda 08/12/2024



#24
 1,1-Dichloroethane
 Concen: 50.151 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN083195.D
 Acq: 09 Aug 2024 20:27

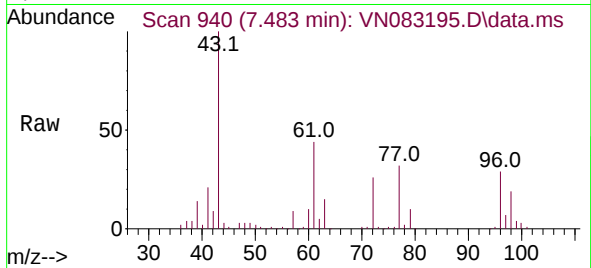
Tgt Ion: 63 Resp: 184819
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.9
 100 4.4 2.0 6.0





#25
2-Butanone
Concen: 247.710 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

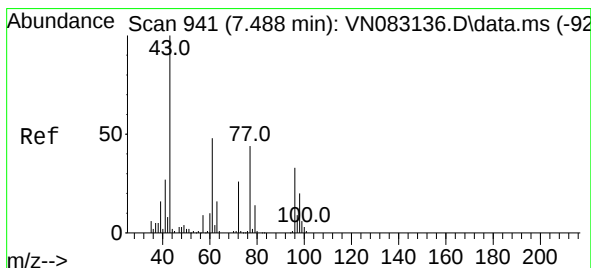
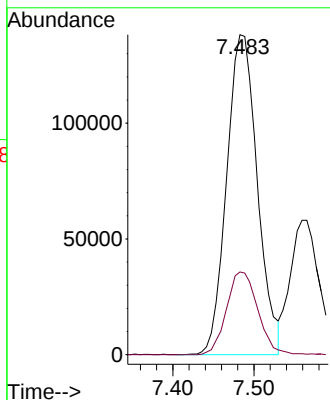
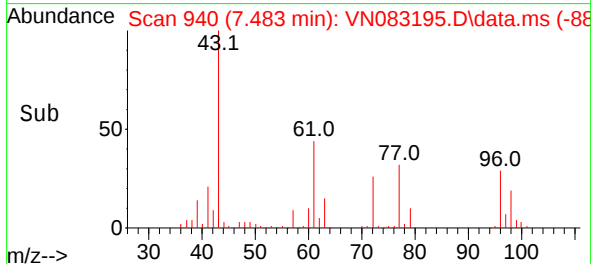
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



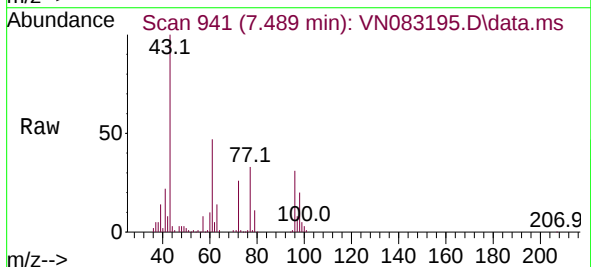
Tgt Ion: 43 Resp: 363734
Ion Ratio Lower Upper
43 100
72 25.8 18.2 27.2

Manual Integrations
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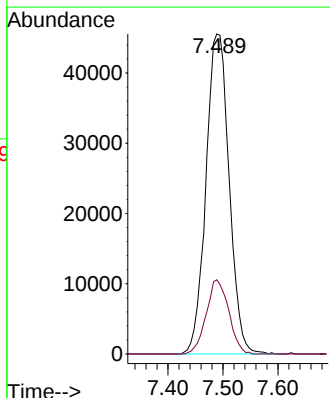
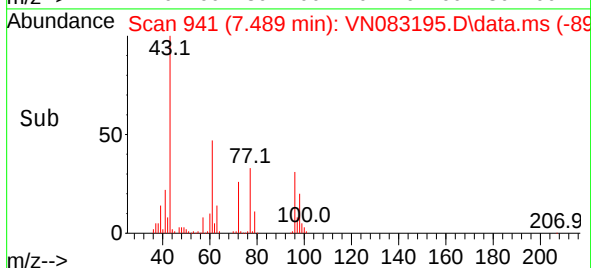
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024

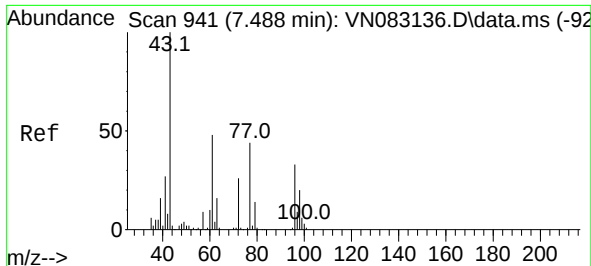


#26
2,2-Dichloropropane
Concen: 38.971 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27



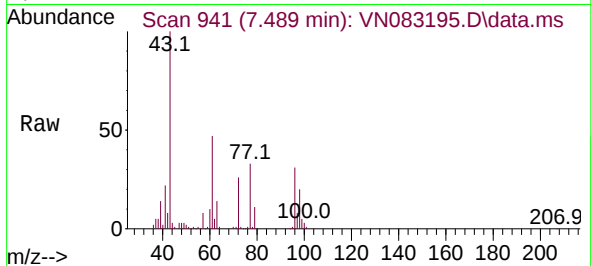
Tgt Ion: 77 Resp: 133372
Ion Ratio Lower Upper
77 100
97 22.5 10.3 30.9





#27
cis-1,2-Dichloroethene
Concen: 47.961 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

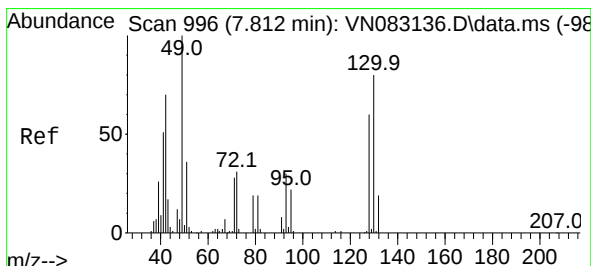
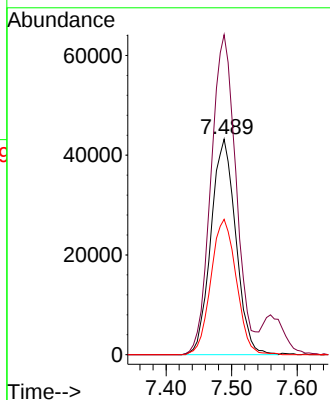
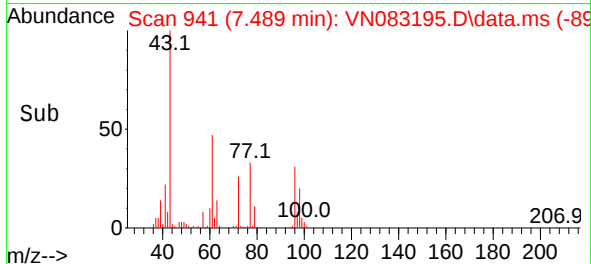
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 11385
Ion Ratio Lower Upper
96 100
61 150.4 0.0 329.6
98 64.3 0.0 128.6

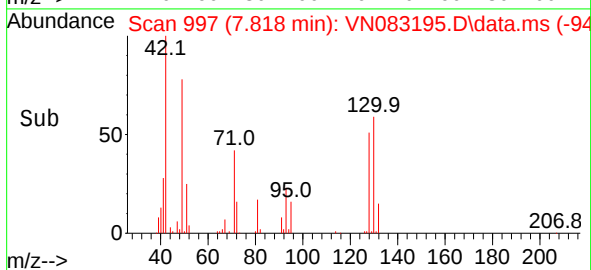
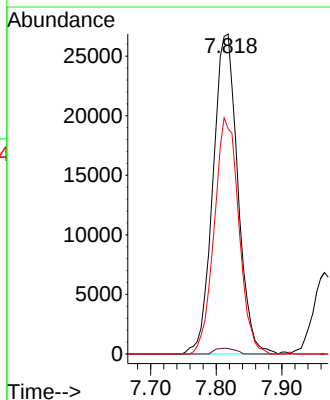
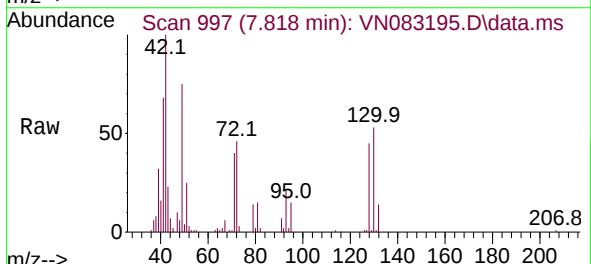
Manual Integrations
APPROVED

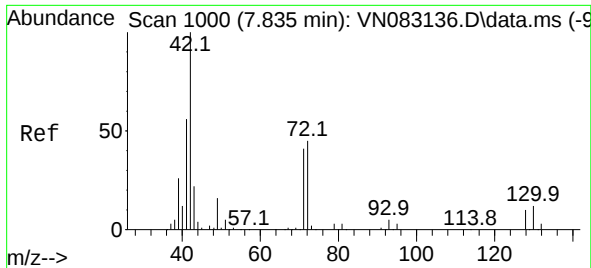
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024



#28
Bromochloromethane
Concen: 46.685 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

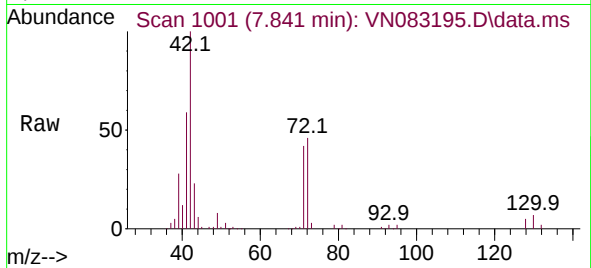
Tgt Ion: 49 Resp: 70310
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.8
130 73.1 50.5 75.7





#29
Tetrahydrofuran
Concen: 254.891 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

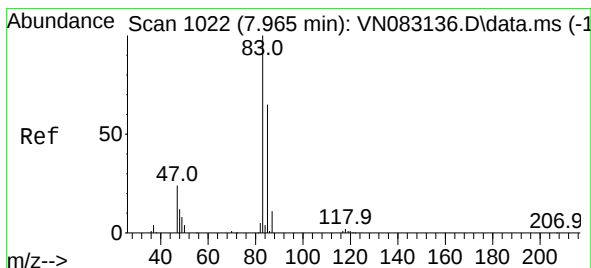
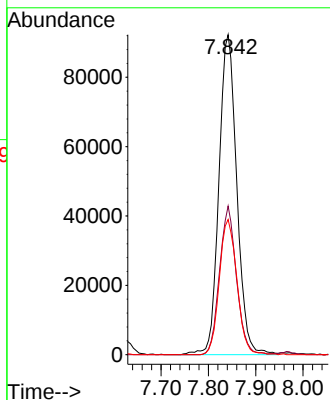
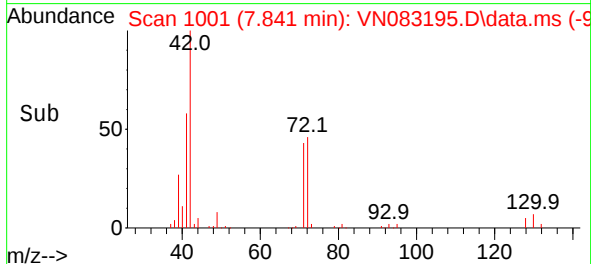
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 24194
Ion Ratio Lower Upper
42 100
72 43.9 30.0 45.0
71 41.7 28.3 42.5

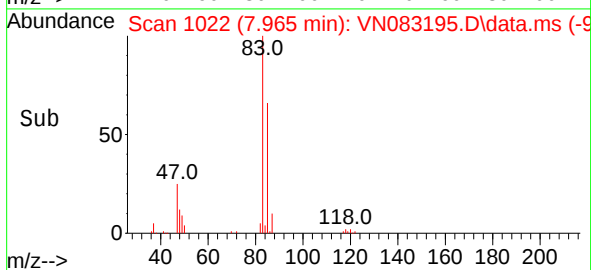
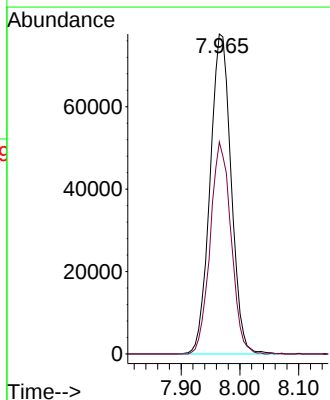
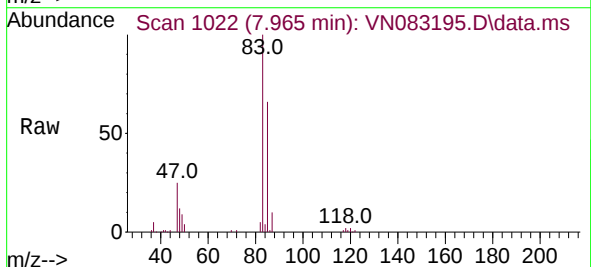
Manual Integrations
APPROVED

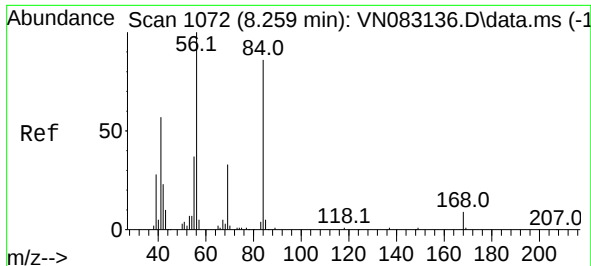
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024



#30
Chloroform
Concen: 50.587 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

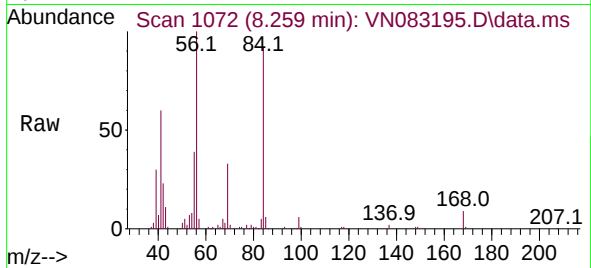
Tgt Ion: 83 Resp: 193678
Ion Ratio Lower Upper
83 100
85 66.2 50.9 76.3





#31
Cyclohexane
Concen: 45.020 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

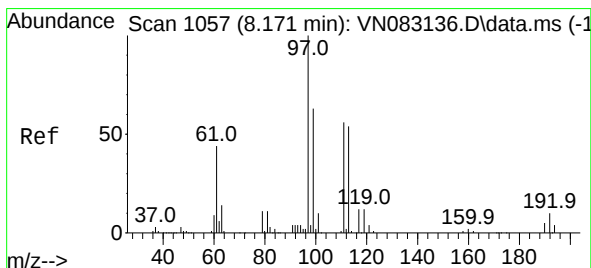
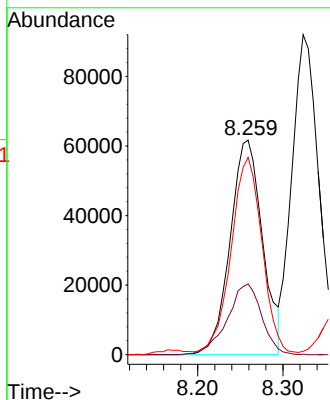
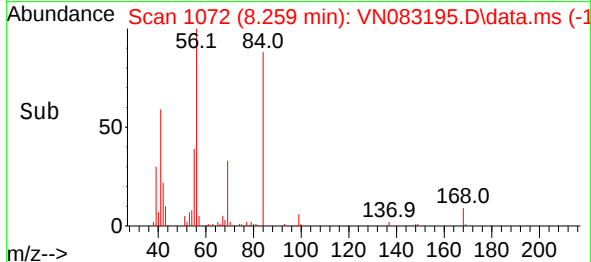
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



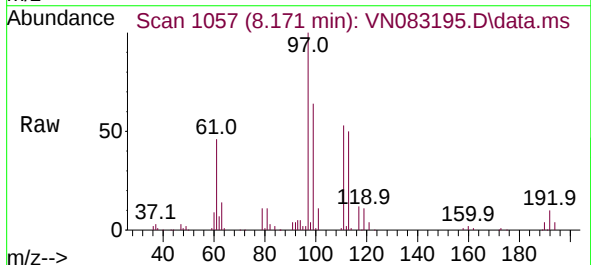
Tgt Ion: 56 Resp: 163053
Ion Ratio Lower Upper
56 100
69 33.0 24.5 36.7
84 89.9 66.0 99.0

Manual Integrations
APPROVED

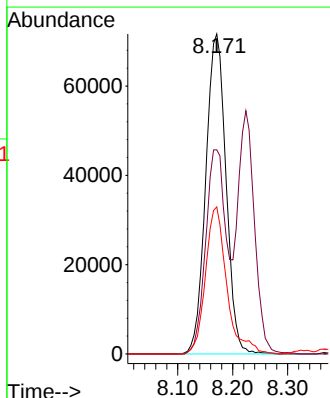
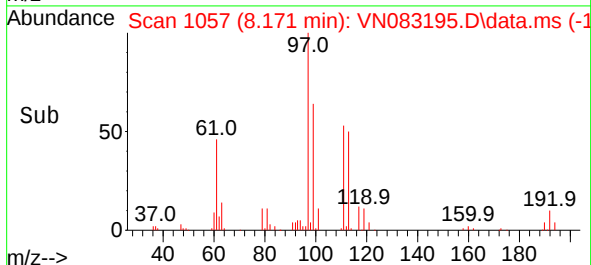
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024

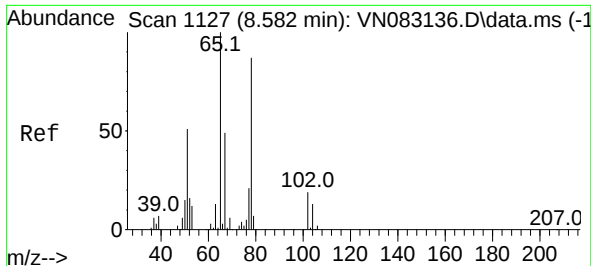


#32
1,1,1-Trichloroethane
Concen: 50.641 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27



Tgt Ion: 97 Resp: 183523
Ion Ratio Lower Upper
97 100
99 66.6 52.0 78.0
61 48.3 42.1 63.1





#33
1,2-Dichloroethane-d4
Concen: 52.546 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

Instrument :

MSVOA_N

ClientSampleId :

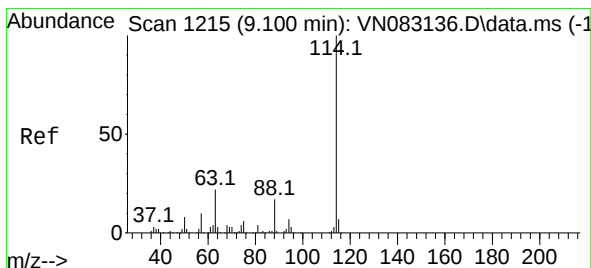
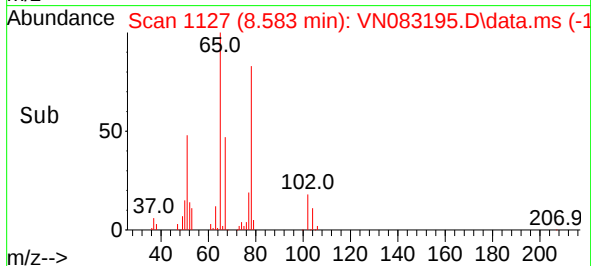
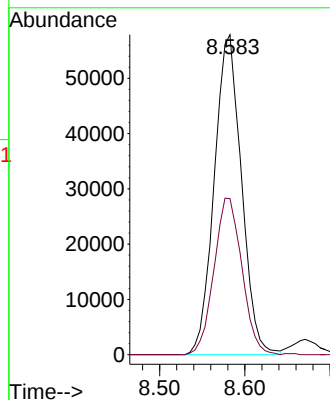
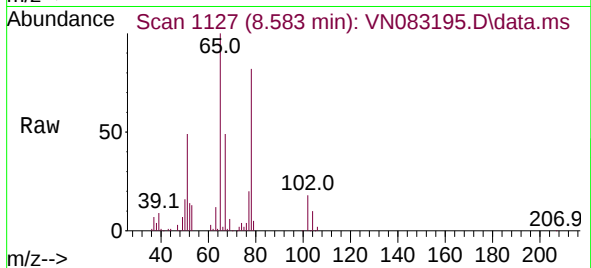
VSTDCCC050EC

Tgt Ion: 65 Resp: 12842
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.4

Manual Integrations

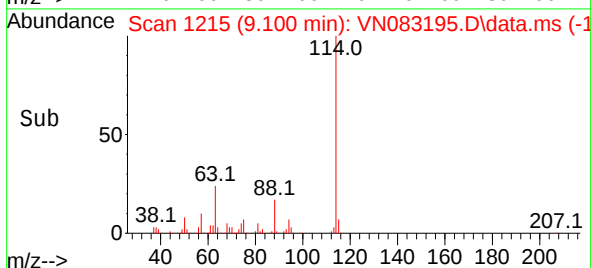
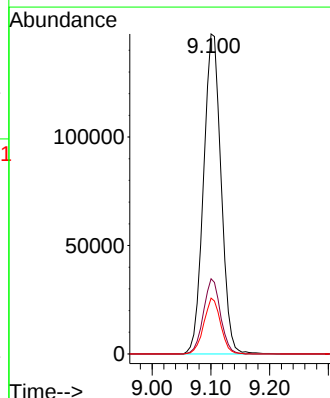
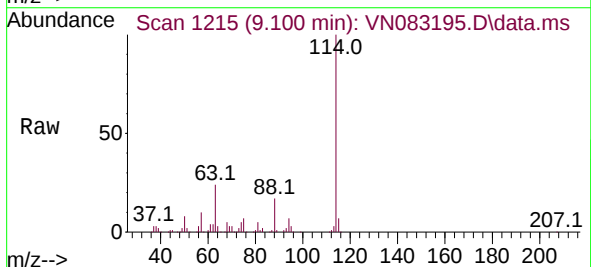
APPROVED

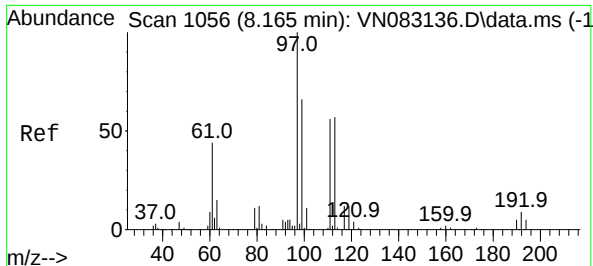
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

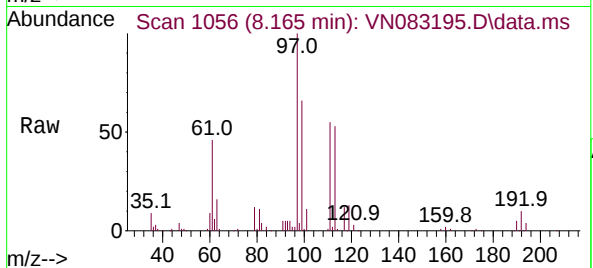
Tgt Ion:114 Resp: 305276
Ion Ratio Lower Upper
114 100
63 23.5 0.0 44.6
88 17.4 0.0 31.4





#35
Dibromofluoromethane
Concen: 47.867 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

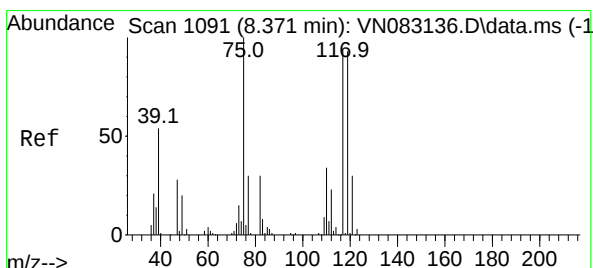
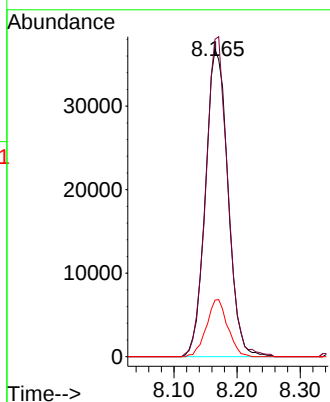
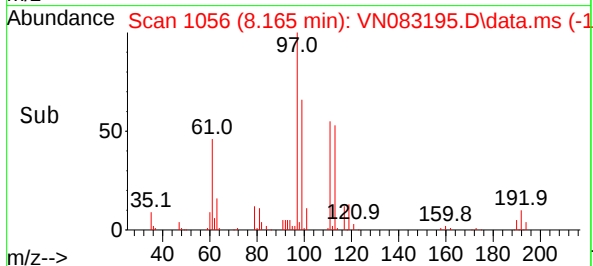
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 91209
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 17.5 14.9 22.3

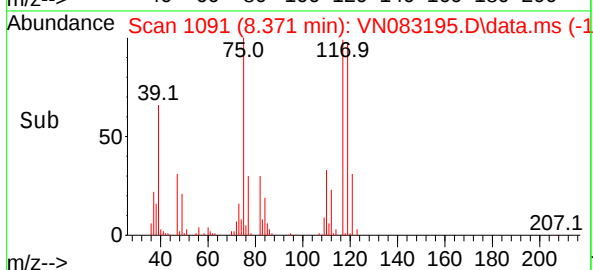
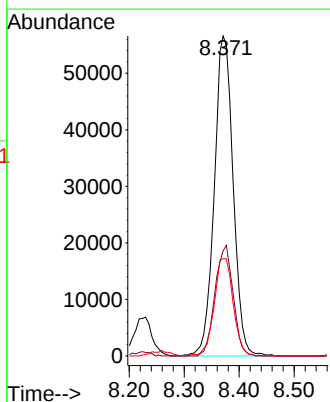
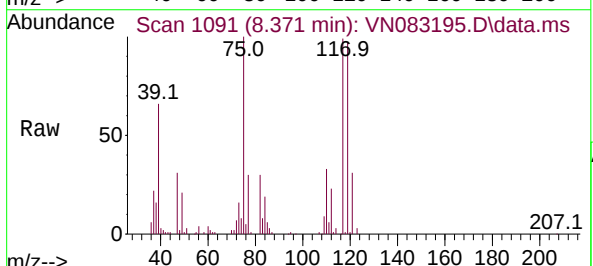
Manual Integrations
APPROVED

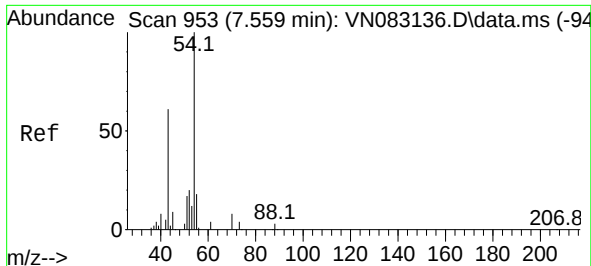
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024



#36
1,1-Dichloropropene
Concen: 46.803 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

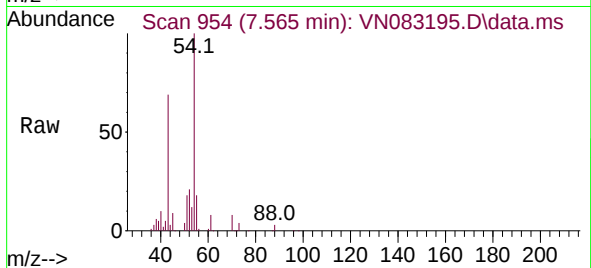
Tgt Ion: 75 Resp: 134906
Ion Ratio Lower Upper
75 100
110 33.2 16.3 48.9
77 30.8 24.6 37.0





#37
Ethyl Acetate
Concen: 46.305 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

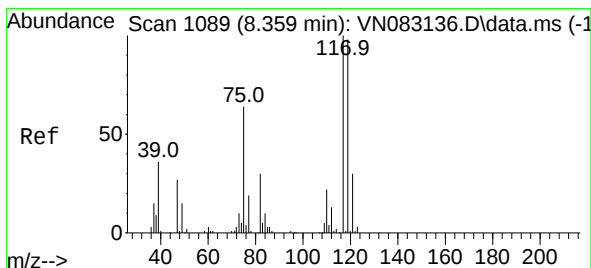
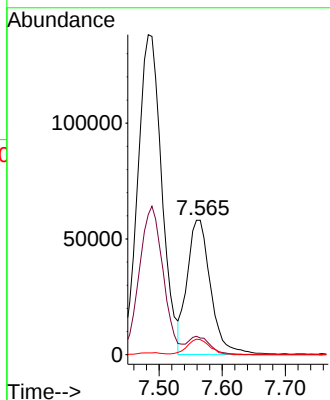
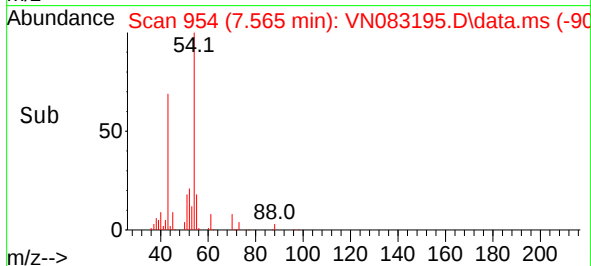
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 149442
Ion Ratio Lower Upper
43 100
61 12.1 9.3 13.9
70 11.1 7.0 10.6

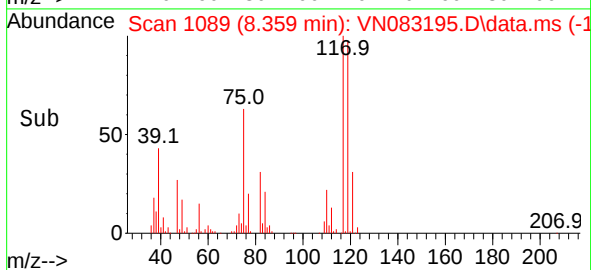
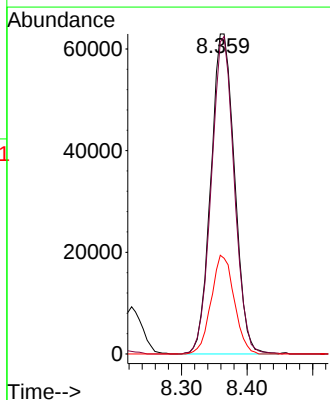
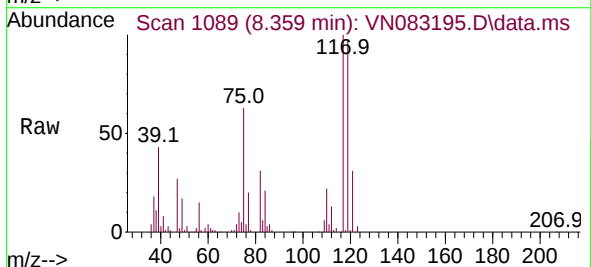
Manual Integrations
APPROVED

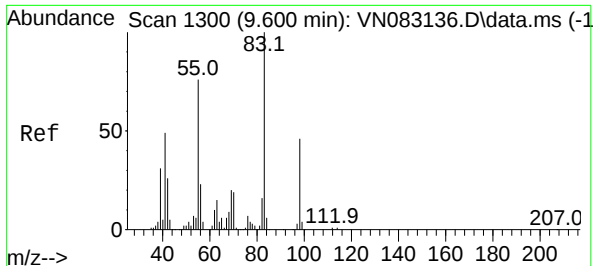
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024



#38
Carbon Tetrachloride
Concen: 48.617 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

Tgt Ion:117 Resp: 157837
Ion Ratio Lower Upper
117 100
119 97.5 74.9 112.3
121 30.8 24.3 36.5





#39

Methylcyclohexane

Concen: 45.057 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN083195.D

Acq: 09 Aug 2024 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

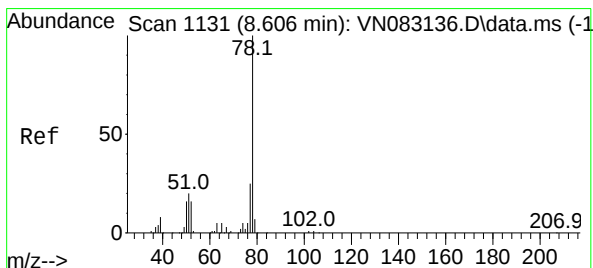
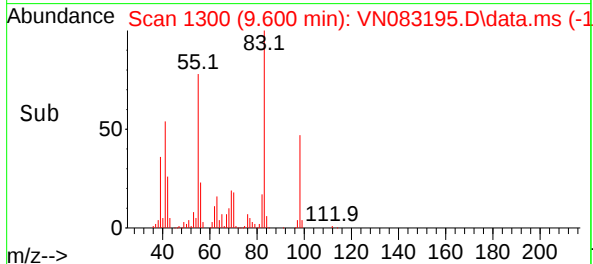
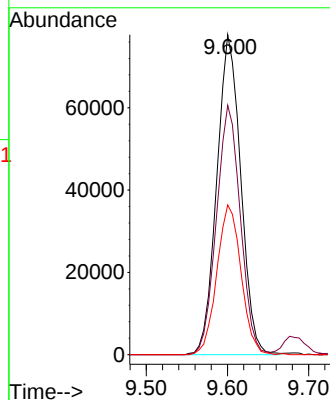
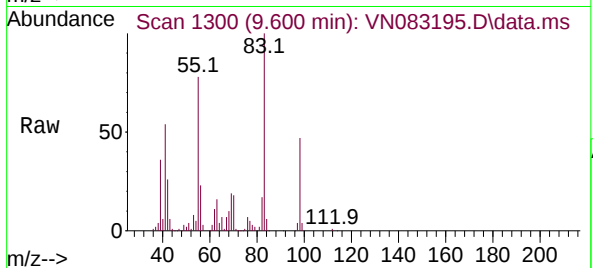
Tgt Ion:	83	Resp:	159519
Ion Ratio	Lower	Upper	
83	100		
55	77.9	66.4	99.6
98	46.8	40.7	61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2024

Supervised By :Mahesh Dadoda 08/12/2024



#40

Benzene

Concen: 47.237 ug/l

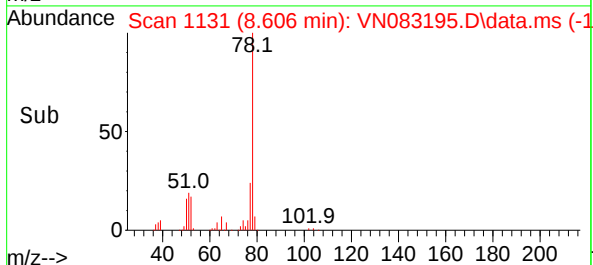
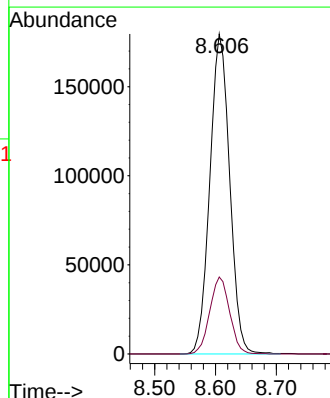
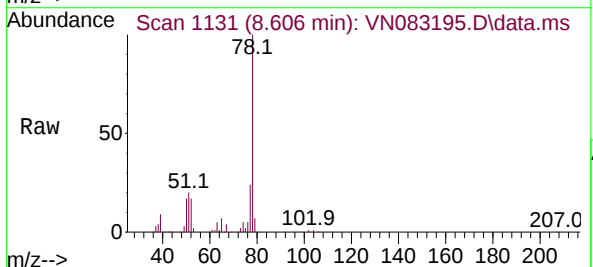
RT: 8.606 min Scan# 1131

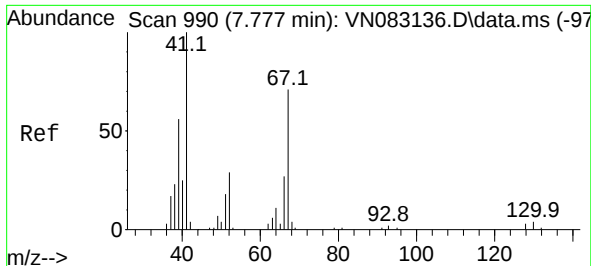
Delta R.T. 0.000 min

Lab File: VN083195.D

Acq: 09 Aug 2024 20:27

Tgt Ion:	78	Resp:	405617
Ion Ratio	Lower	Upper	
78	100		
77	24.1	19.0	28.4





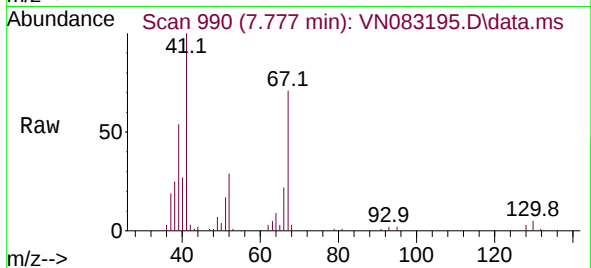
#41
Methacrylonitrile
Concen: 45.401 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



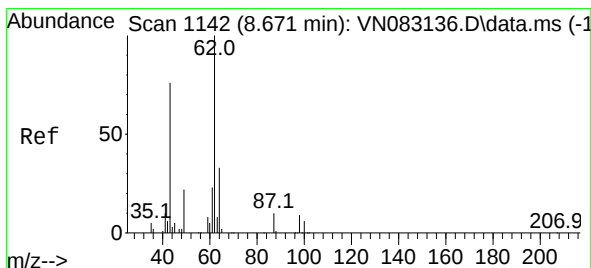
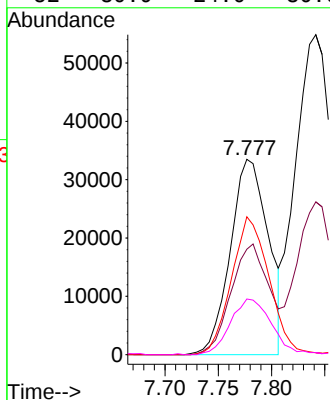
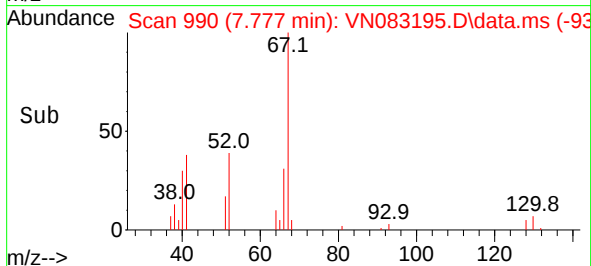
Tgt Ion: 41 Resp: 8331
Ion Ratio Lower Upper
41 100
39 56.2 45.5 68.3
67 70.2 50.5 75.7
52 30.9 24.0 36.0

Manual Integrations

APPROVED

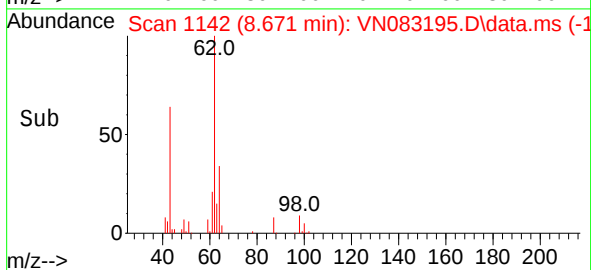
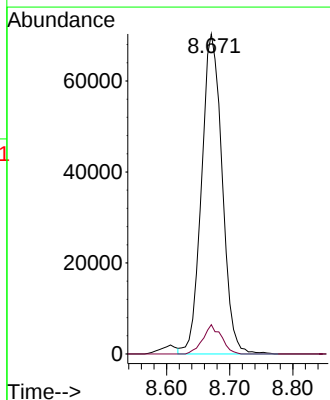
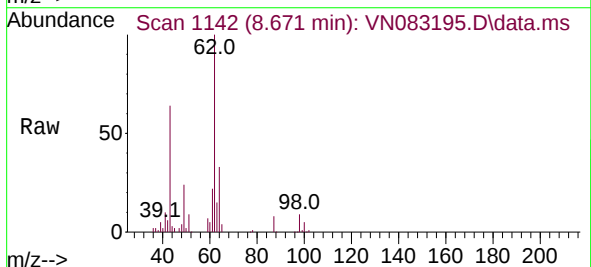
Reviewed By :John Carlone 08/10/2024

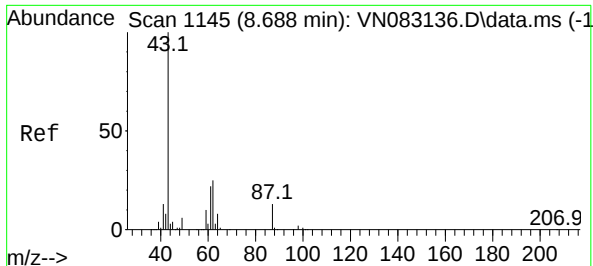
Supervised By :Mahesh Dadoda 08/12/2024



#42
1,2-Dichloroethane
Concen: 50.933 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

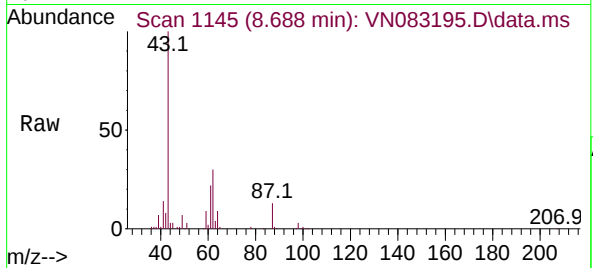
Tgt Ion: 62 Resp: 159321
Ion Ratio Lower Upper
62 100
98 8.2 0.0 15.8





#43
Isopropyl Acetate
Concen: 46.760 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

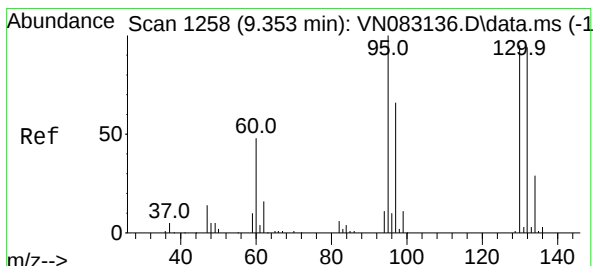
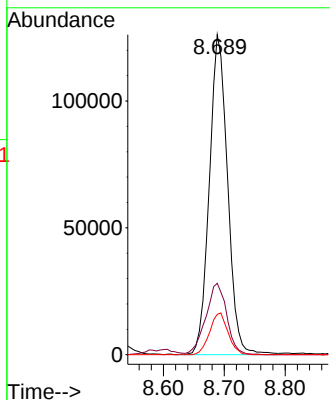
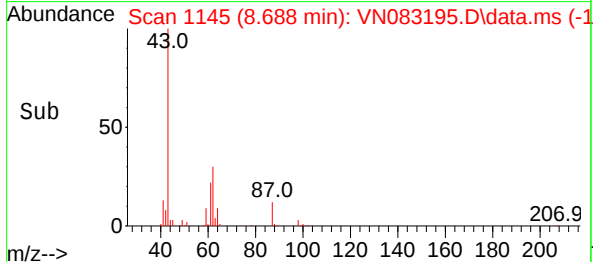
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 262912
Ion Ratio Lower Upper
43 100
61 25.5 17.8 26.6
87 13.1 8.2 12.2

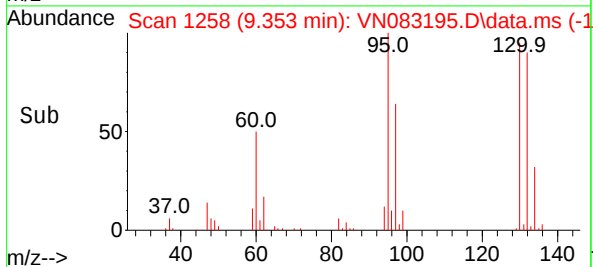
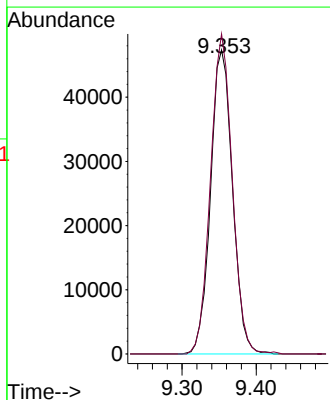
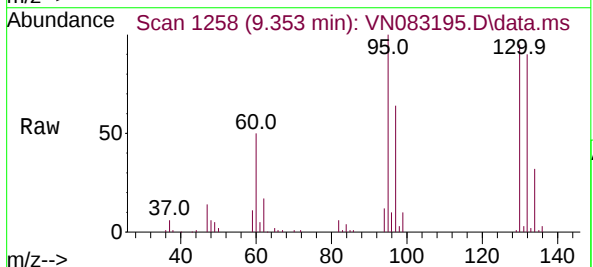
Manual Integrations
APPROVED

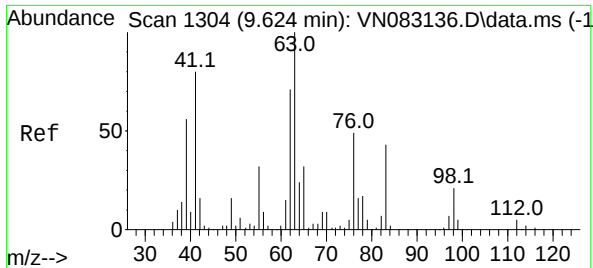
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024



#44
Trichloroethene
Concen: 47.658 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

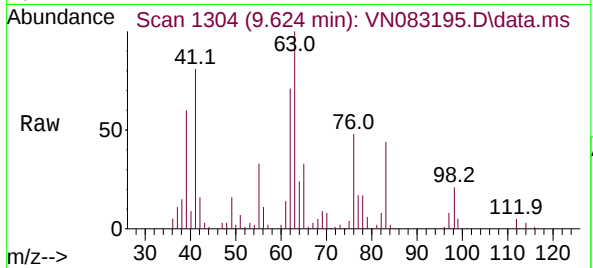
Tgt Ion:130 Resp: 97407
Ion Ratio Lower Upper
130 100
95 105.2 0.0 197.8





#45
1,2-Dichloropropane
Concen: 49.097 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

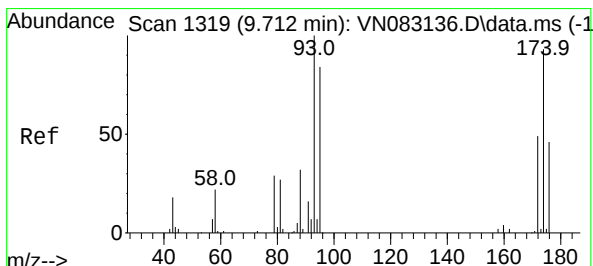
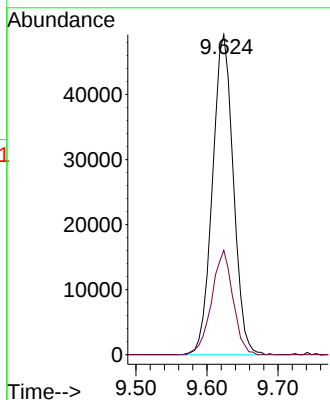
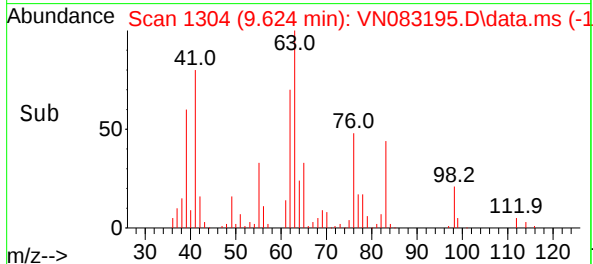
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



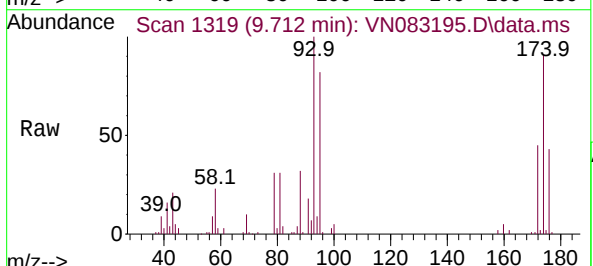
Tgt Ion: 63 Resp: 10007
Ion Ratio Lower Upper
63 100
65 32.7 24.4 36.6

Manual Integrations
APPROVED

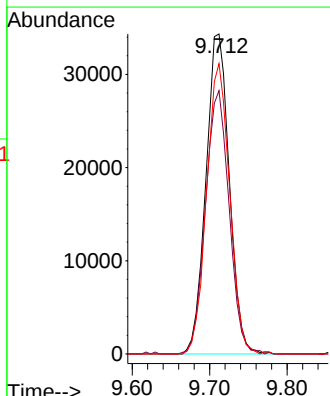
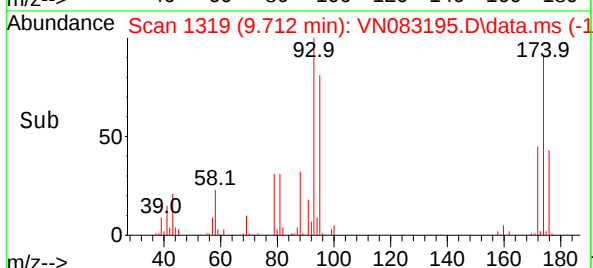
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024

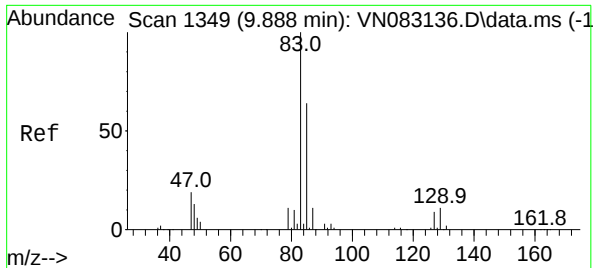


#46
Dibromomethane
Concen: 49.360 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27



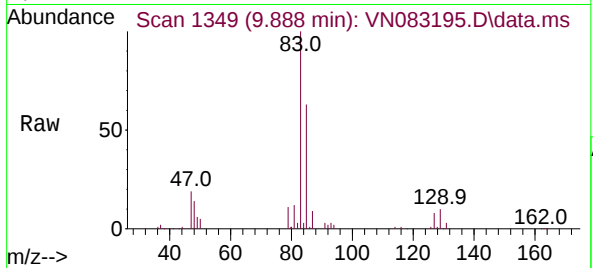
Tgt Ion: 93 Resp: 72014
Ion Ratio Lower Upper
93 100
95 83.2 65.8 98.6
174 89.6 71.7 107.5





#47
Bromodichloromethane
Concen: 48.532 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

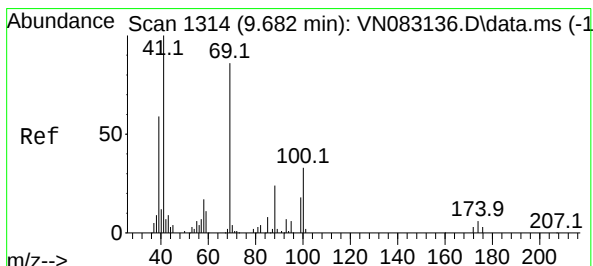
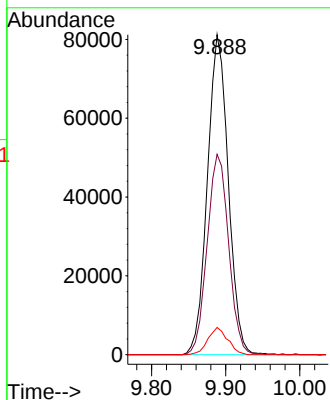
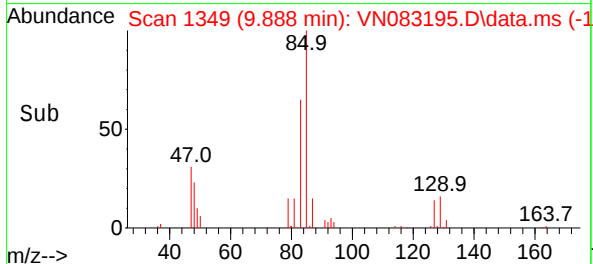
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



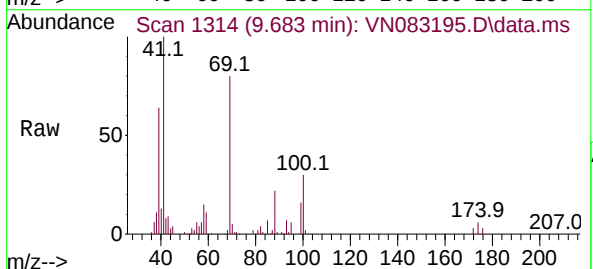
Tgt Ion: 83 Resp: 158984
Ion Ratio Lower Upper
83 100
85 62.6 51.1 76.7
127 8.5 7.2 10.8

Manual Integrations
APPROVED

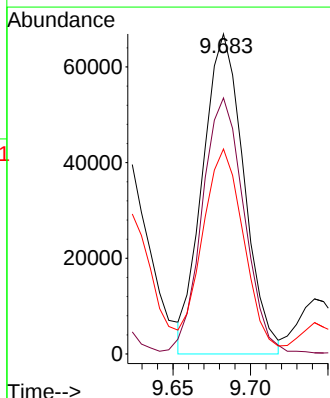
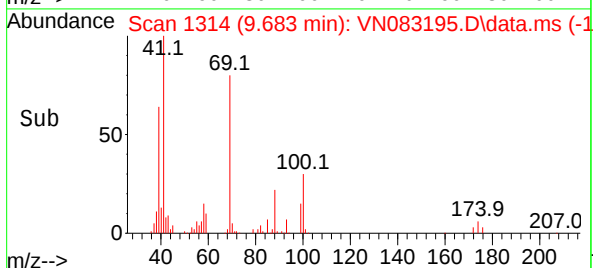
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024

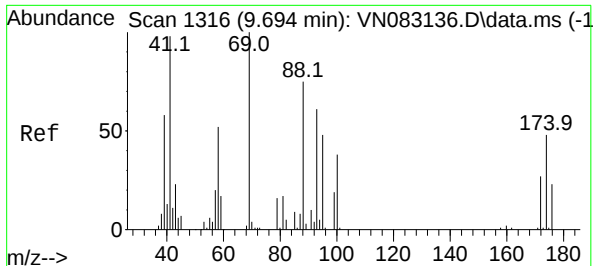


#48
Methyl methacrylate
Concen: 46.473 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27



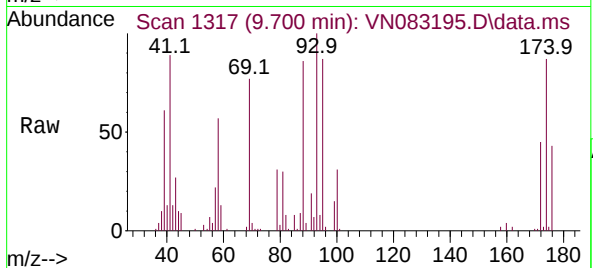
Tgt Ion: 41 Resp: 124000
Ion Ratio Lower Upper
41 100
69 82.1 56.3 84.5
39 64.6 50.3 75.5





#49
1,4-Dioxane
Concen: 960.293 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

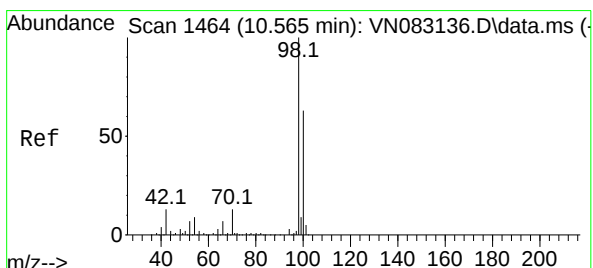
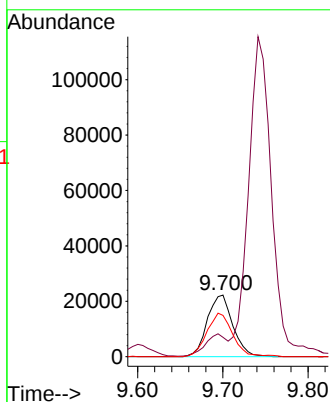
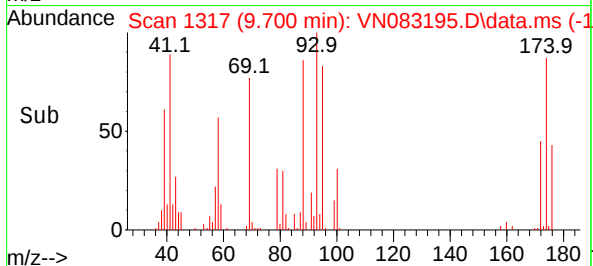
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 46220
Ion Ratio Lower Upper
88 100
43 30.0 27.8 41.8
58 71.6 59.4 89.0

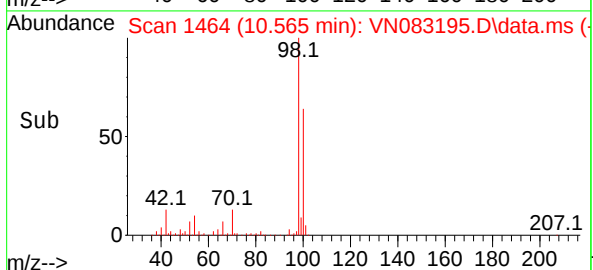
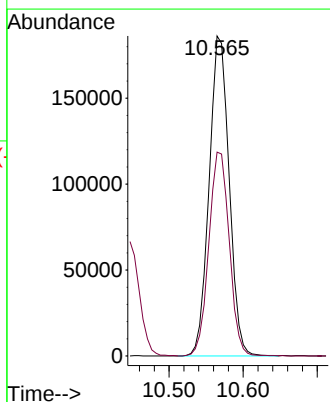
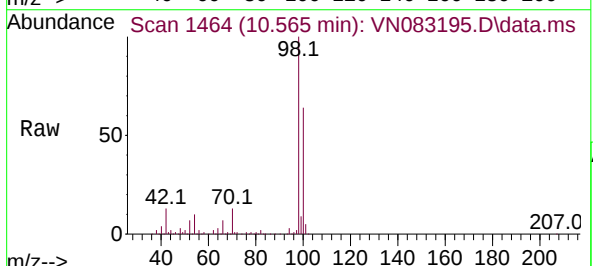
Manual Integrations
APPROVED

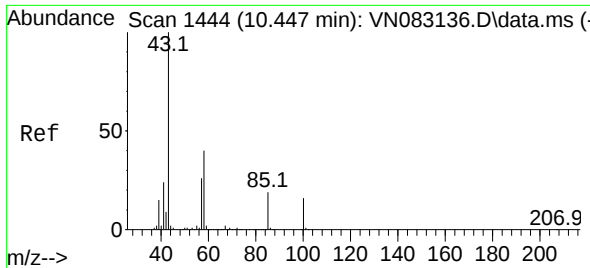
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024



#50
Toluene-d8
Concen: 49.092 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

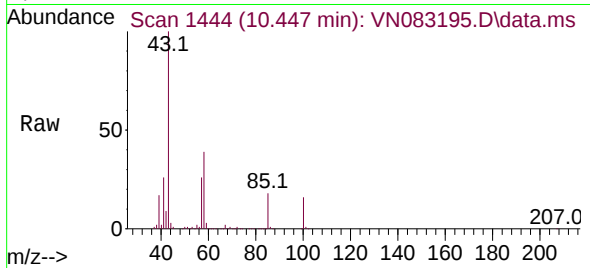
Tgt Ion: 98 Resp: 348941
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 253.283 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

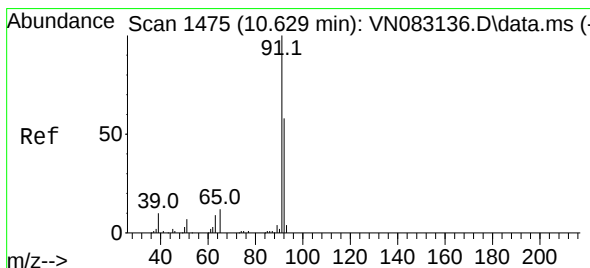
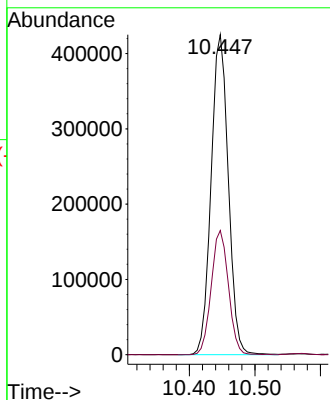
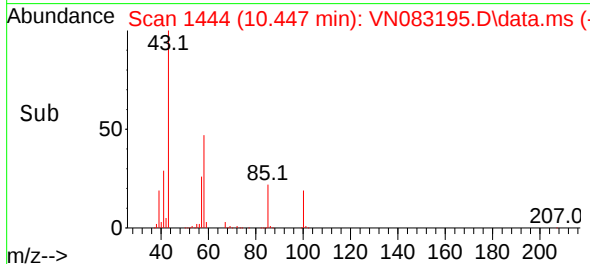
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 773000
Ion Ratio Lower Upper
43 100
58 38.8 28.2 42.4

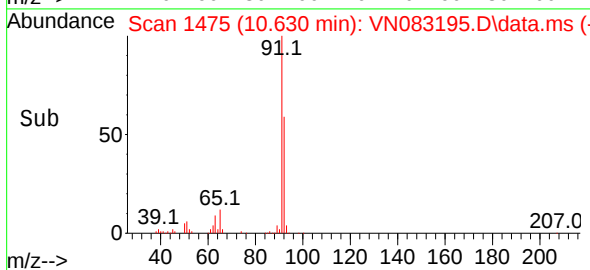
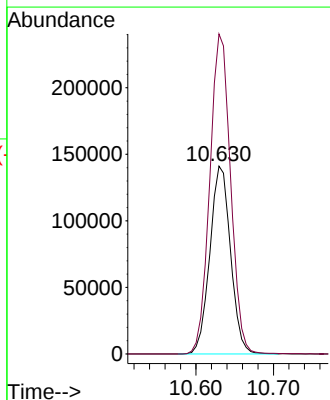
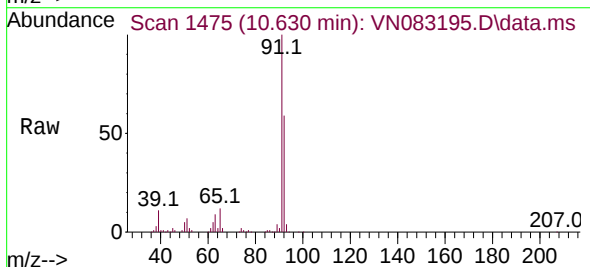
Manual Integrations
APPROVED

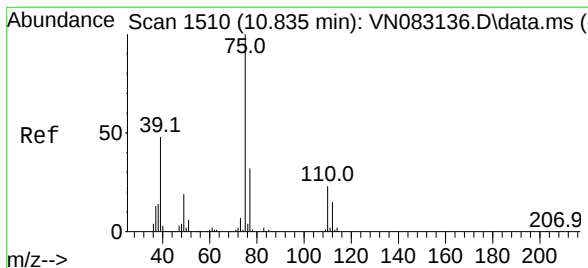
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024



#52
Toluene
Concen: 48.226 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

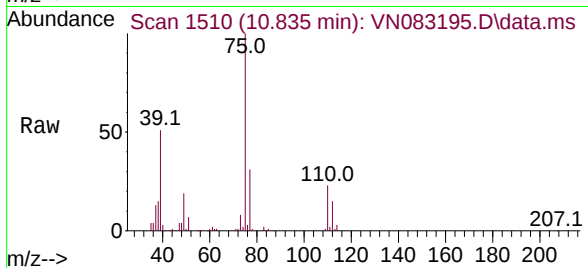
Tgt Ion: 92 Resp: 261651
Ion Ratio Lower Upper
92 100
91 171.2 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 47.437 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

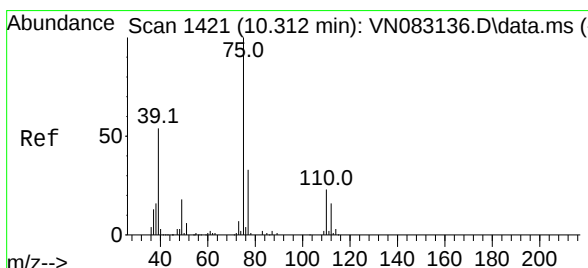
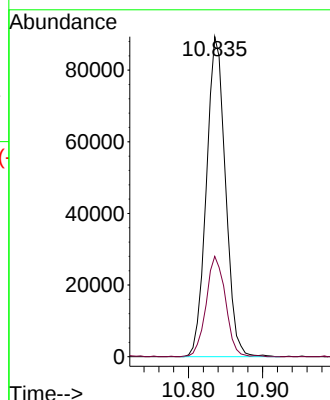
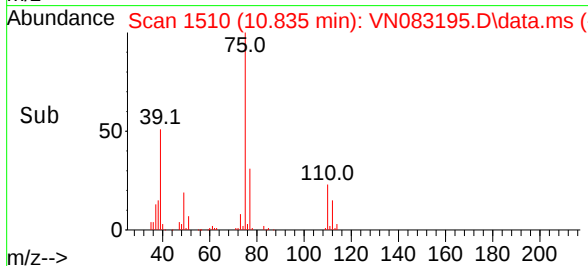
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



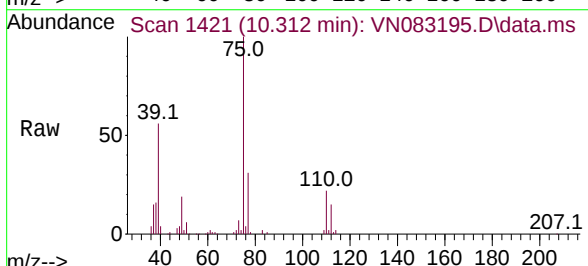
Tgt Ion: 75 Resp: 159620
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5

Manual Integrations
APPROVED

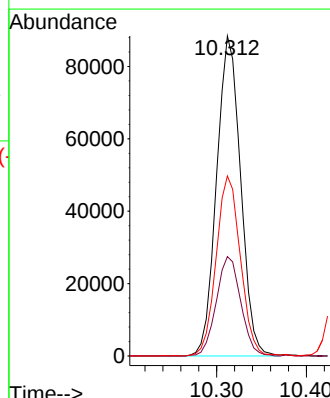
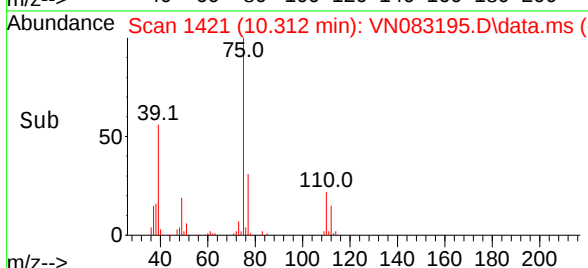
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024

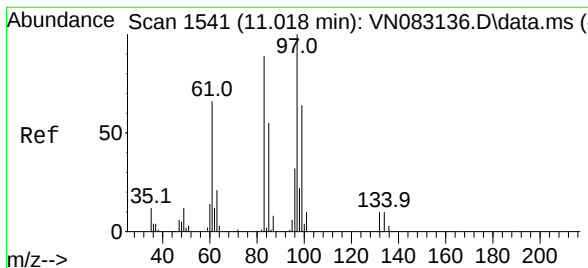


#54
cis-1,3-Dichloropropene
Concen: 45.913 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27



Tgt Ion: 75 Resp: 164328
Ion Ratio Lower Upper
75 100
77 31.1 24.3 36.5
39 56.3 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 50.805 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN083195.D

Acq: 09 Aug 2024 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 98782

Ion Ratio Lower Upper

97 100

83 86.7 71.4 107.0

85 54.8 45.8 68.6

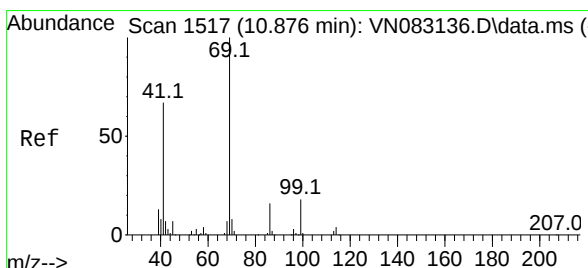
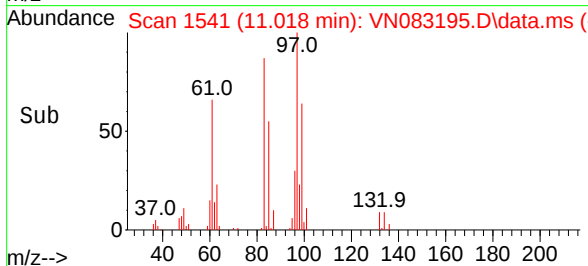
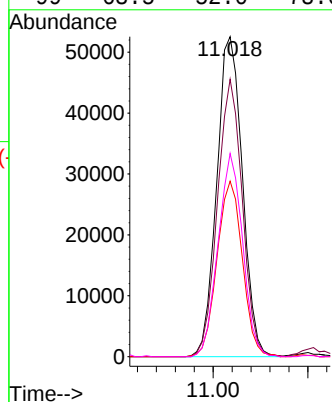
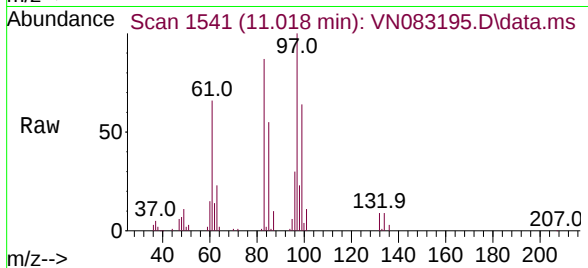
99 63.5 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2024

Supervised By :Mahesh Dadoda 08/12/2024



#56

Ethyl methacrylate

Concen: 48.828 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN083195.D

Acq: 09 Aug 2024 20:27

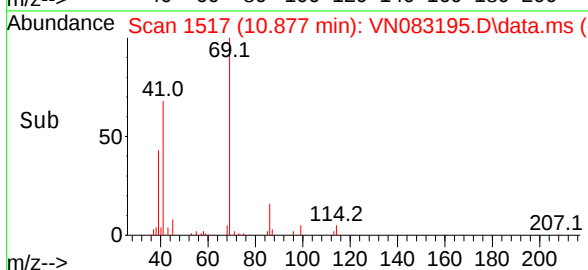
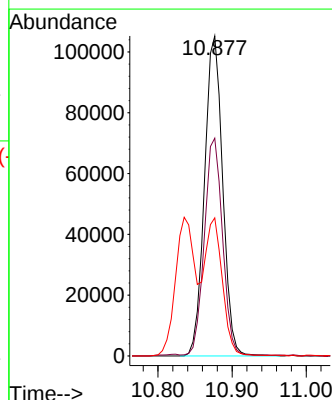
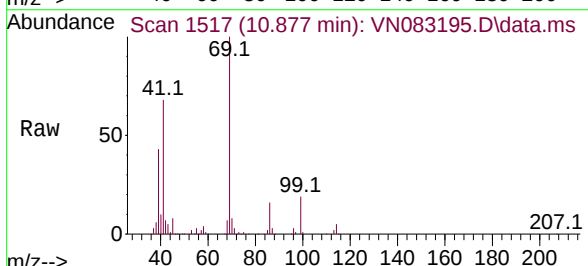
Tgt Ion: 69 Resp: 178977

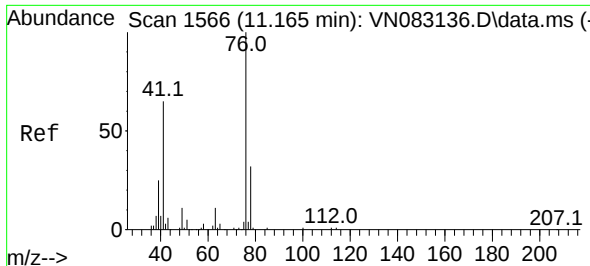
Ion Ratio Lower Upper

69 100

41 67.5 63.4 95.2

39 43.3 37.4 56.0





#57

1,3-Dichloropropane

Concen: 49.500 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN083195.D

Acq: 09 Aug 2024 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 171550

Ion Ratio Lower Upper

76 100

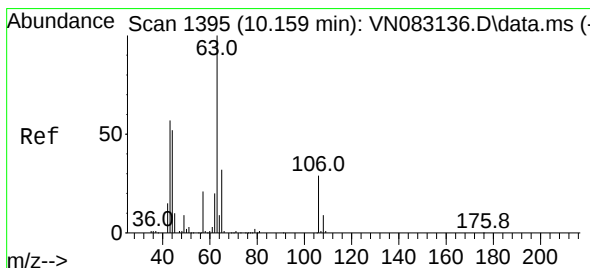
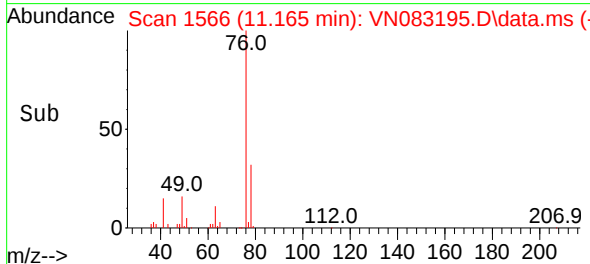
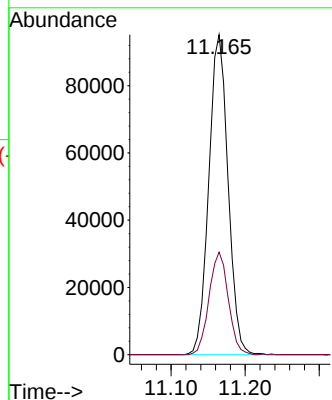
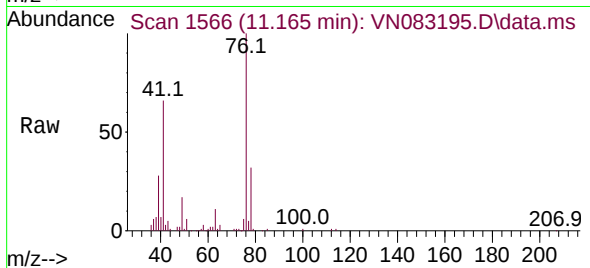
78 32.0 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2024

Supervised By :Mahesh Dadoda 08/12/2024



#58

2-Chloroethyl Vinyl ether

Concen: 250.586 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083195.D

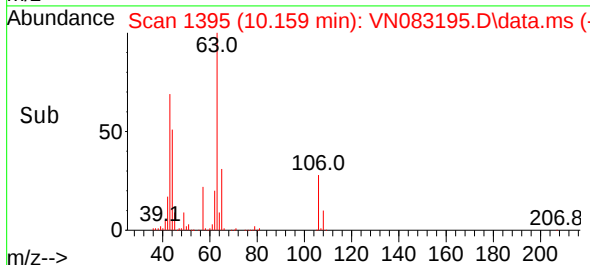
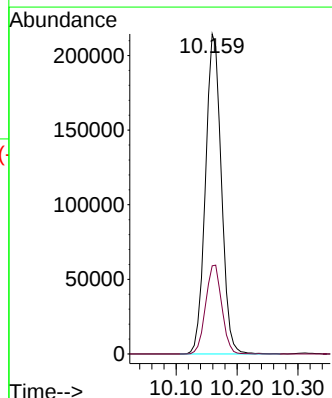
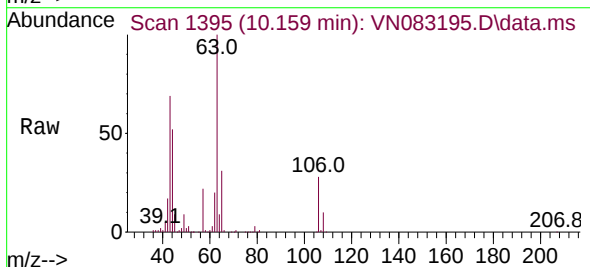
Acq: 09 Aug 2024 20:27

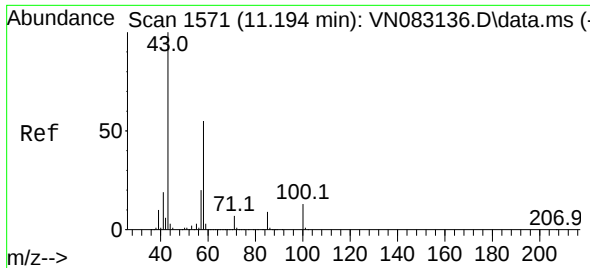
Tgt Ion: 63 Resp: 388254

Ion Ratio Lower Upper

63 100

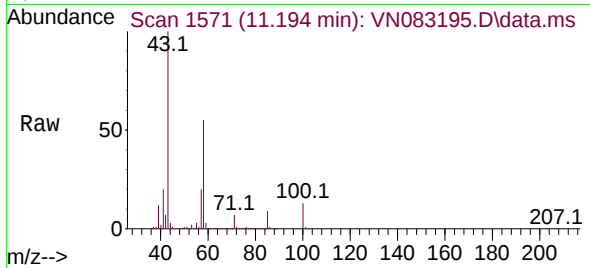
106 28.3 21.4 32.0





#59
2-Hexanone
Concen: 248.287 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

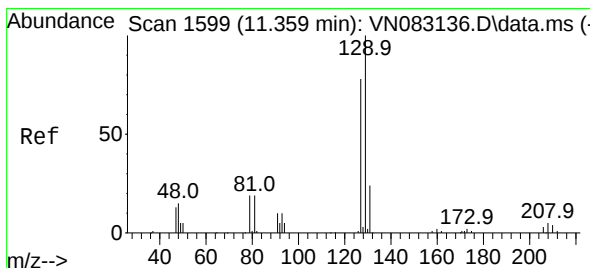
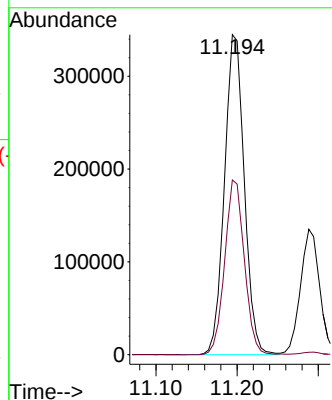
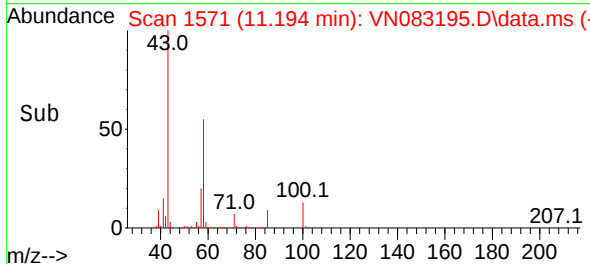
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 586228
Ion Ratio Lower Upper
43 100
58 54.1 24.6 73.8

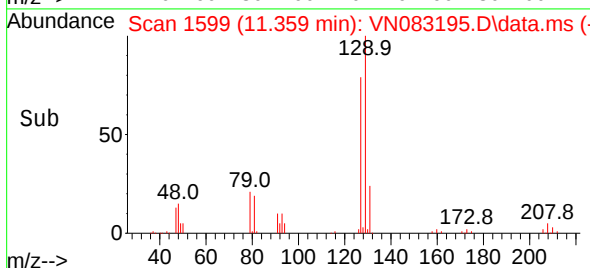
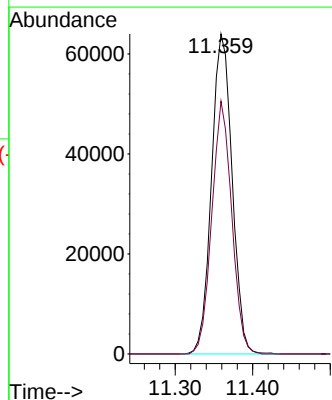
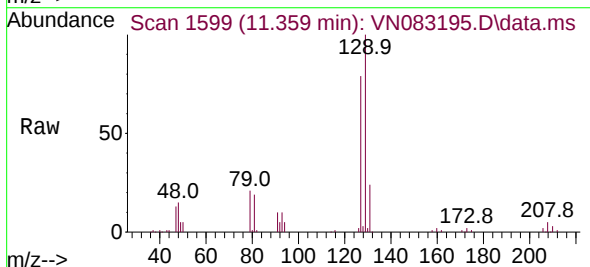
Manual Integrations
APPROVED

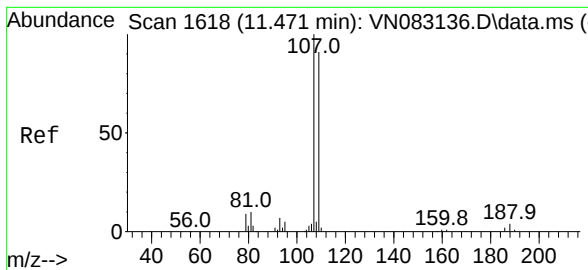
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024



#60
Dibromochloromethane
Concen: 50.296 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

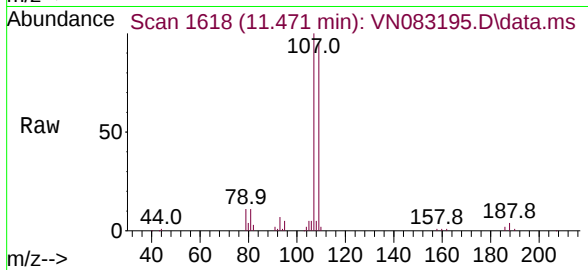
Tgt Ion:129 Resp: 118236
Ion Ratio Lower Upper
129 100
127 76.3 39.2 117.6





#61
1,2-Dibromoethane
Concen: 48.823 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

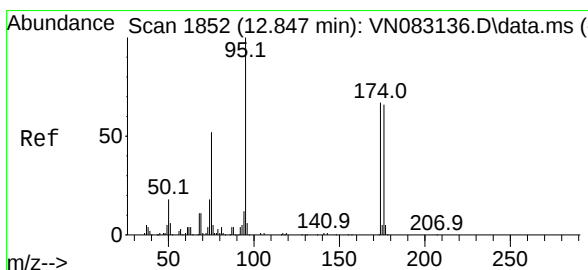
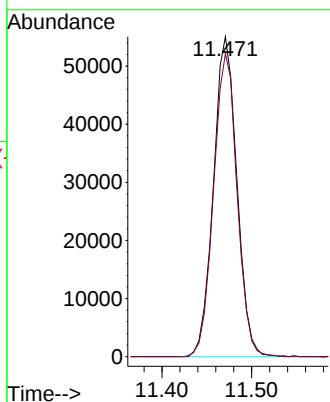
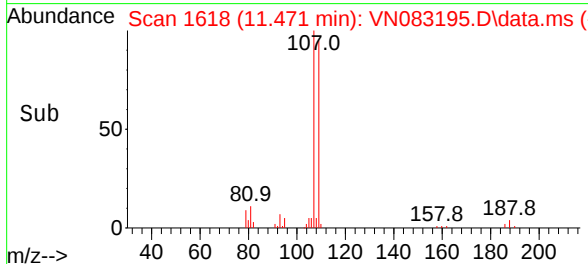
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



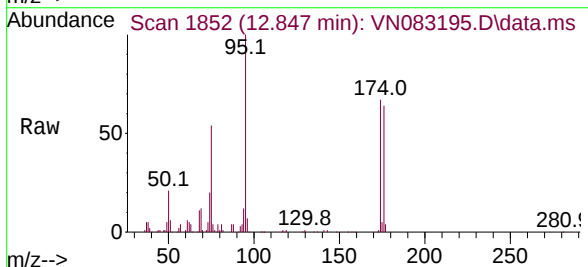
Tgt Ion:107 Resp: 9972
Ion Ratio Lower Upper
107 100
109 95.0 73.7 110.5

Manual Integrations
APPROVED

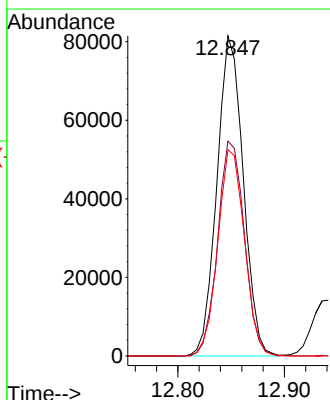
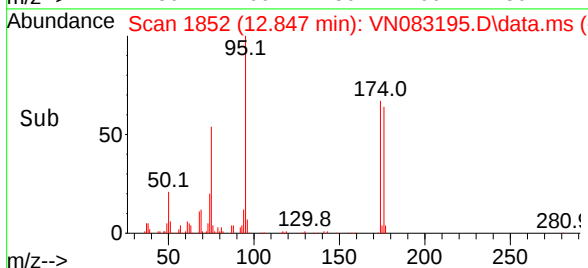
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024

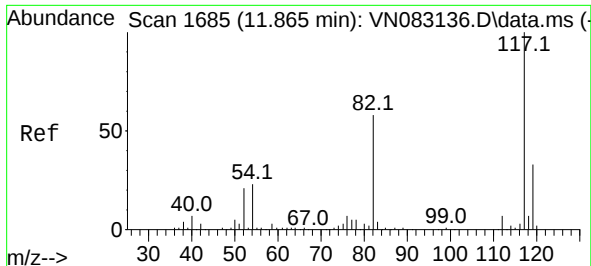


#62
4-Bromofluorobenzene
Concen: 50.451 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27



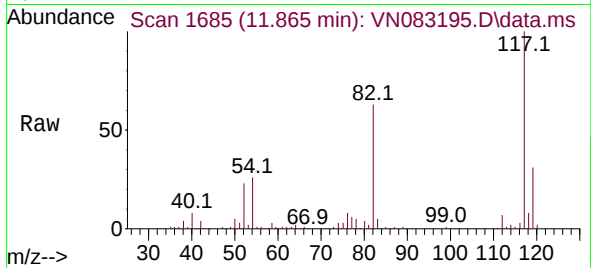
Tgt Ion: 95 Resp: 139802
Ion Ratio Lower Upper
95 100
174 67.9 0.0 159.2
176 65.3 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

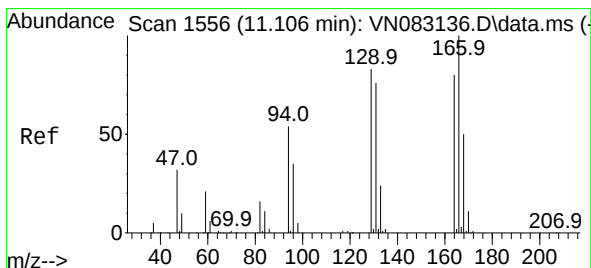
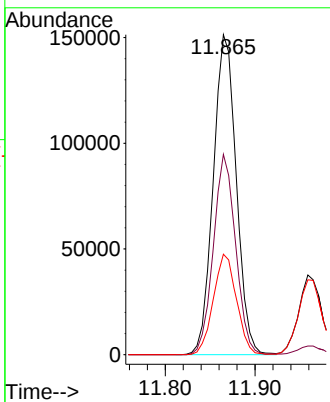
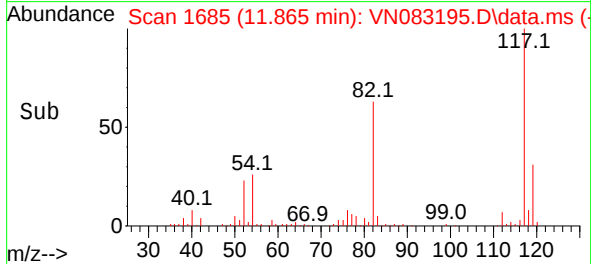
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 269763
Ion Ratio Lower Upper
117 100
82 62.6 47.5 71.3
119 31.4 25.6 38.4

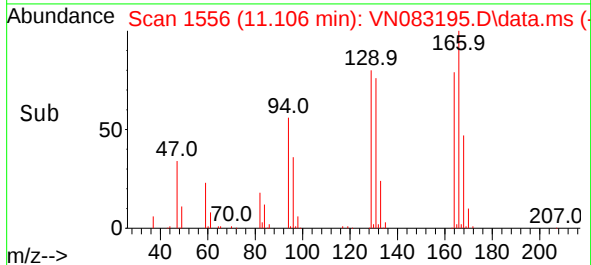
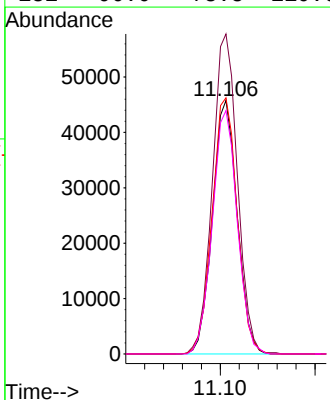
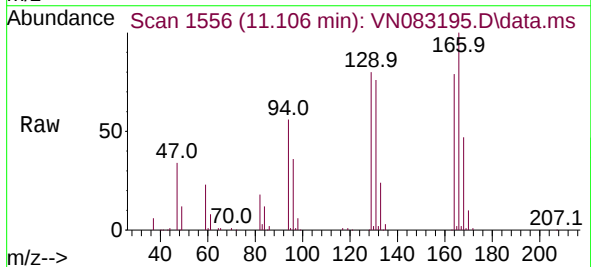
Manual Integrations
APPROVED

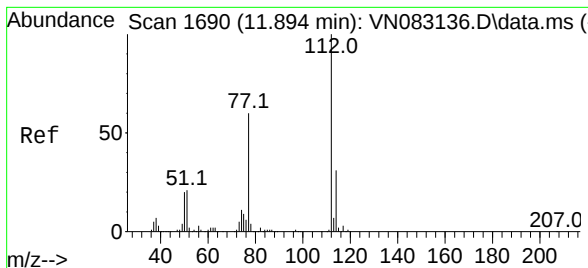
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024



#64
Tetrachloroethene
Concen: 46.413 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

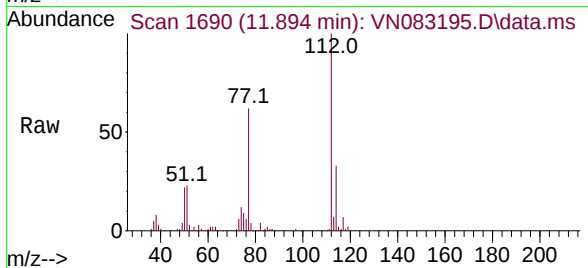
Tgt Ion:164 Resp: 82921
Ion Ratio Lower Upper
164 100
166 126.3 101.4 152.0
129 101.1 75.7 113.5
131 96.0 73.8 110.6





#65
Chlorobenzene
Concen: 47.083 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

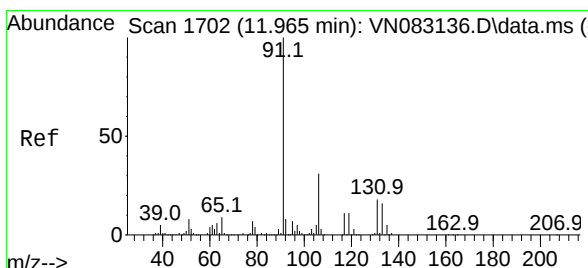
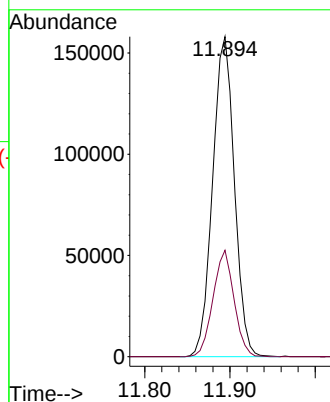
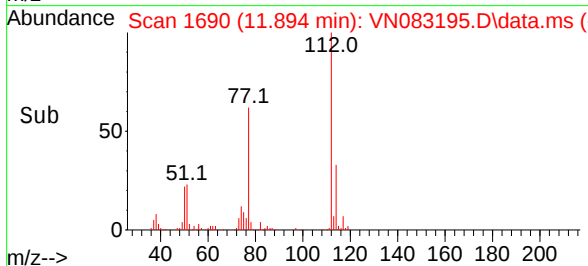
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



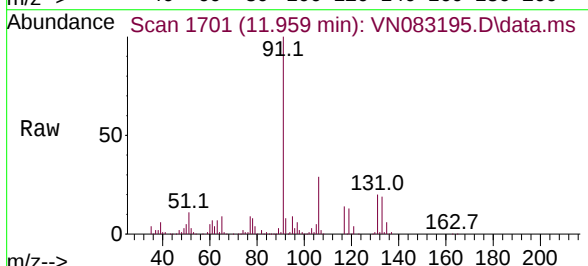
Tgt Ion:112 Resp: 280680
Ion Ratio Lower Upper
112 100
114 33.3 26.2 39.2

Manual Integrations
APPROVED

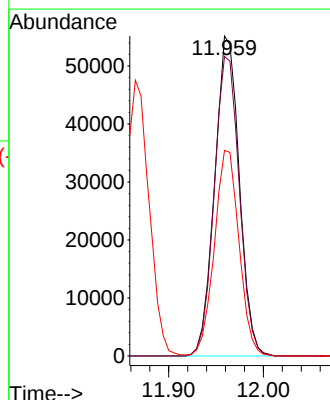
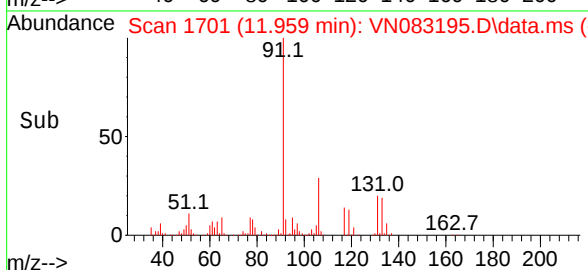
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024

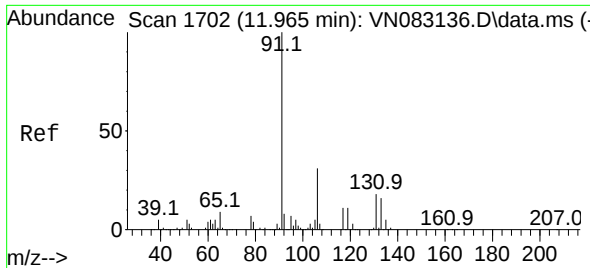


#66
1,1,1,2-Tetrachloroethane
Concen: 47.502 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27



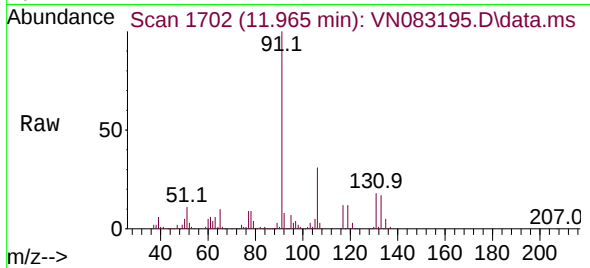
Tgt Ion:131 Resp: 99873
Ion Ratio Lower Upper
131 100
133 95.3 47.3 142.0
119 64.6 32.5 97.4





#67
Ethyl Benzene
Concen: 46.769 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

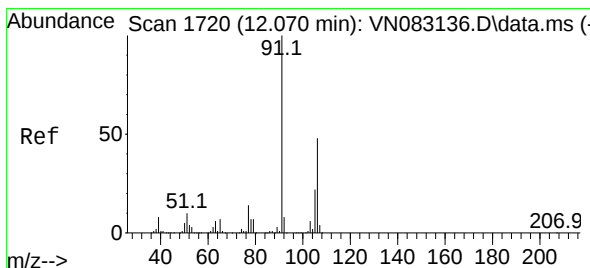
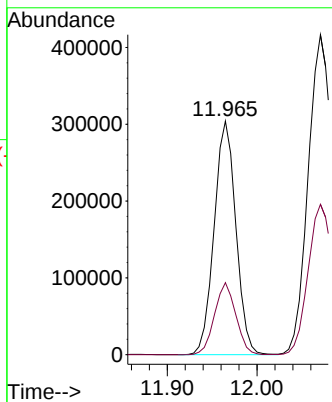
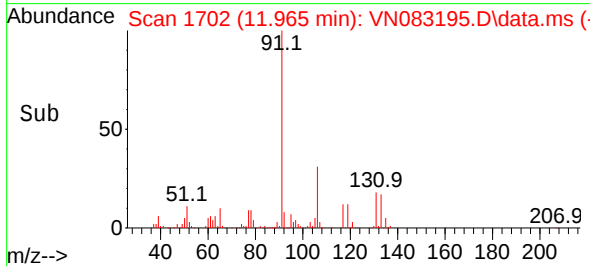
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 511469
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0

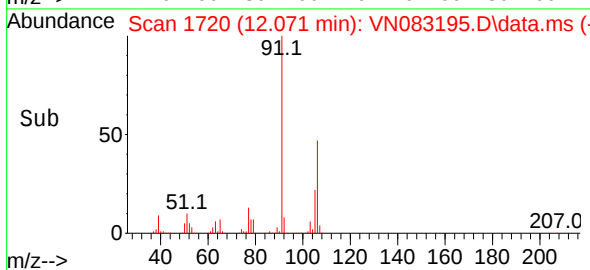
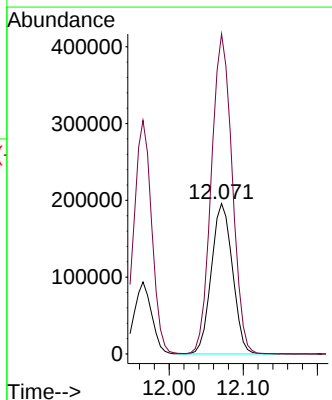
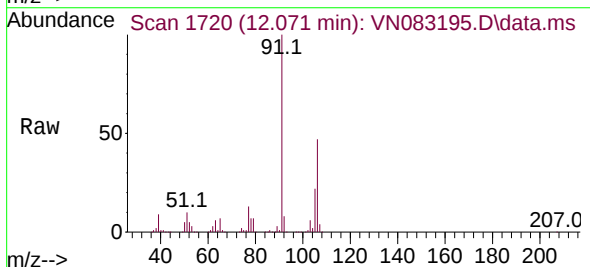
Manual Integrations
APPROVED

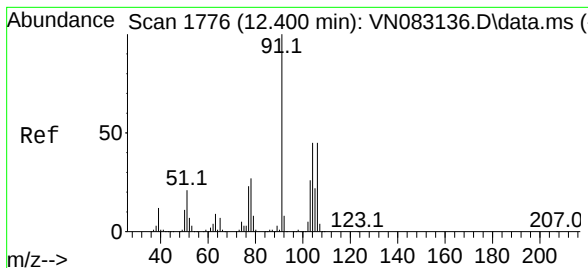
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024



#68
m/p-Xylenes
Concen: 94.542 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

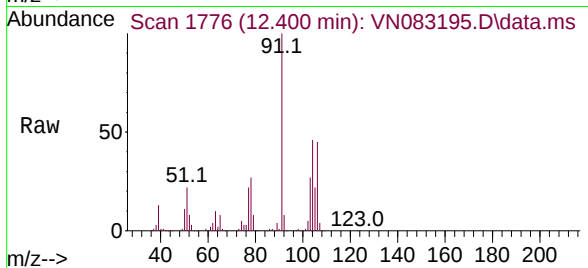
Tgt Ion:106 Resp: 387299
Ion Ratio Lower Upper
106 100
91 210.2 166.1 249.1





#69
o-Xylene
Concen: 47.034 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

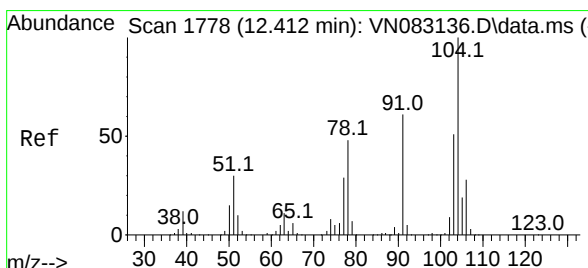
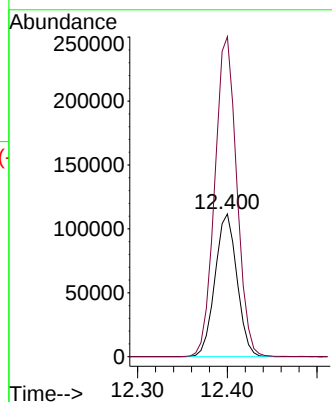
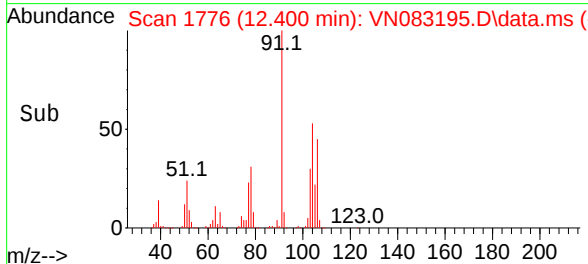
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 190033
Ion Ratio Lower Upper
106 100
91 224.1 111.3 333.9

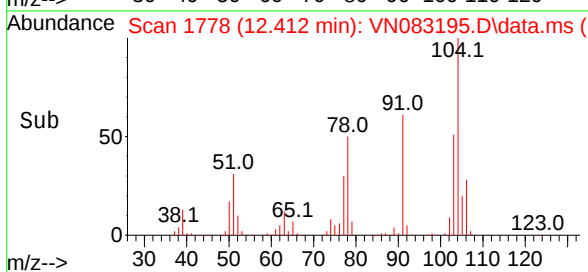
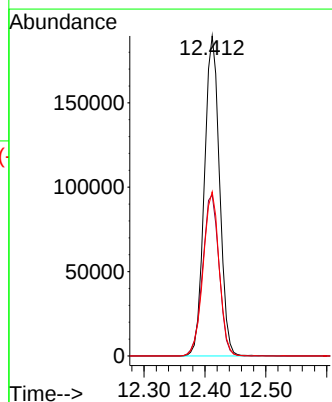
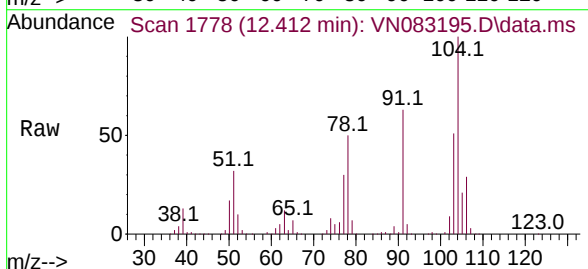
Manual Integrations
APPROVED

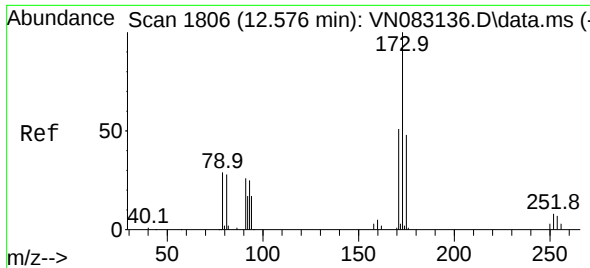
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024



#70
Styrene
Concen: 48.284 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

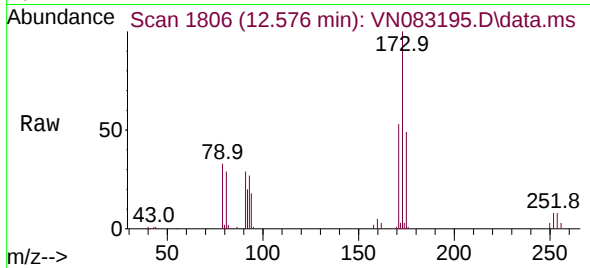
Tgt Ion:104 Resp: 327654
Ion Ratio Lower Upper
104 100
78 54.4 41.6 62.4
103 54.2 44.0 66.0





#71
Bromoform
Concen: 49.181 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

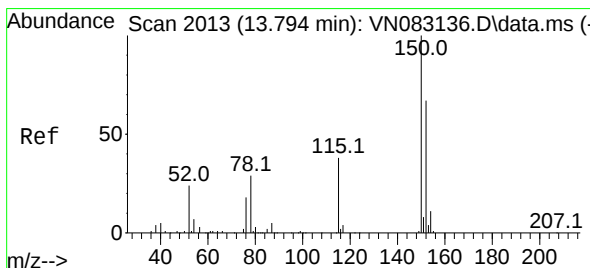
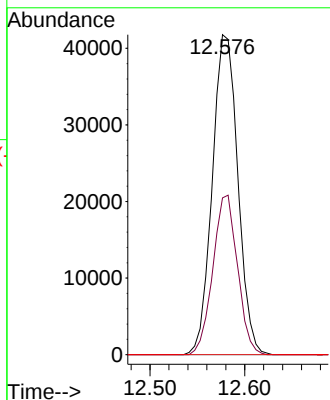
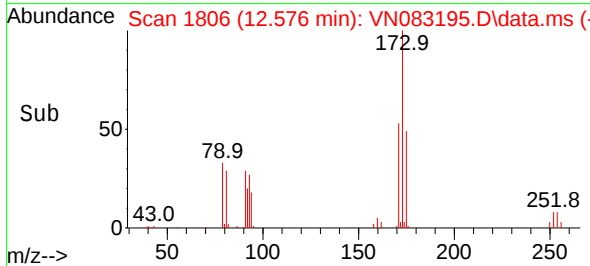
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



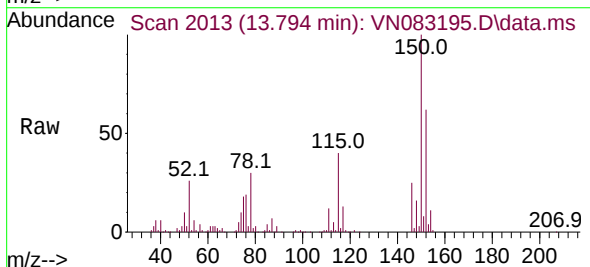
Tgt Ion:173 Resp: 78335
Ion Ratio Lower Upper
173 100
175 48.0 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

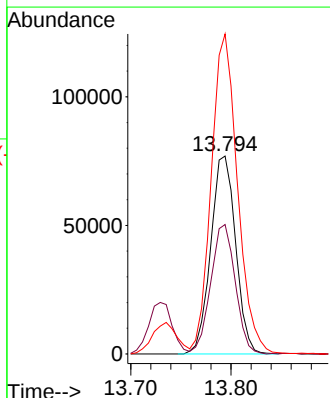
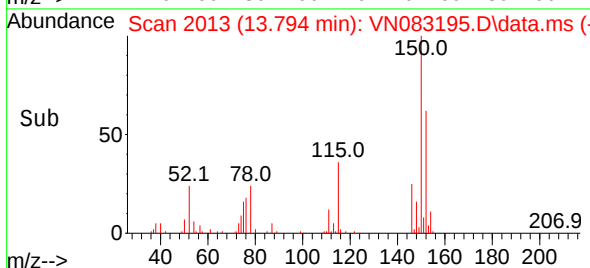
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024

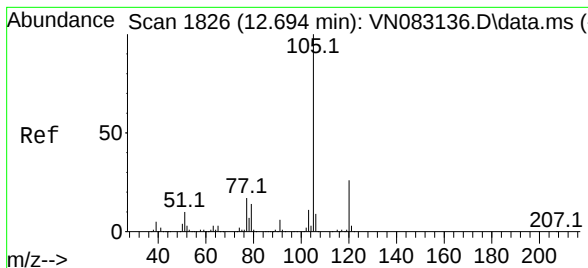


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27



Tgt Ion:152 Resp: 132806
Ion Ratio Lower Upper
152 100
115 64.3 30.6 91.6
150 169.8 0.0 348.6





#73

Isopropylbenzene

Concen: 44.550 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN083195.D

Acq: 09 Aug 2024 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 494879

Ion Ratio Lower Upper

105 100

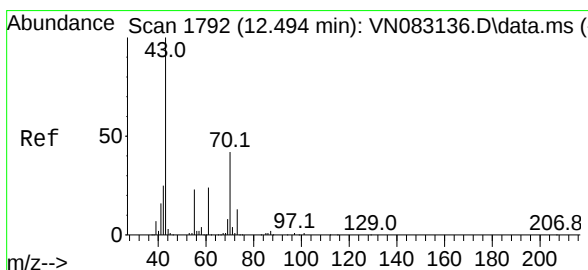
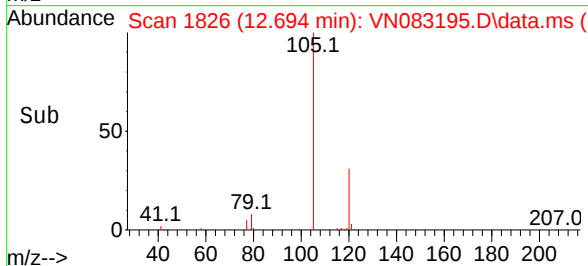
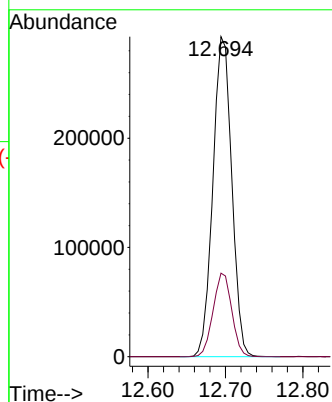
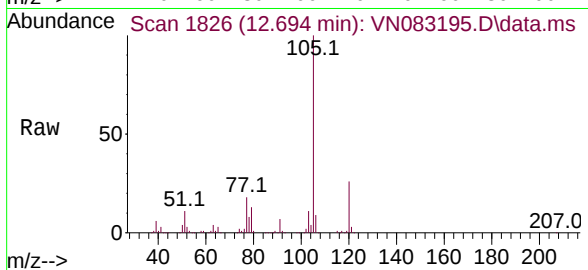
120 25.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2024

Supervised By :Mahesh Dadoda 08/12/2024



#74

N-ethyl acetate

Concen: 43.607 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN083195.D

Acq: 09 Aug 2024 20:27

Tgt Ion: 43 Resp: 236939

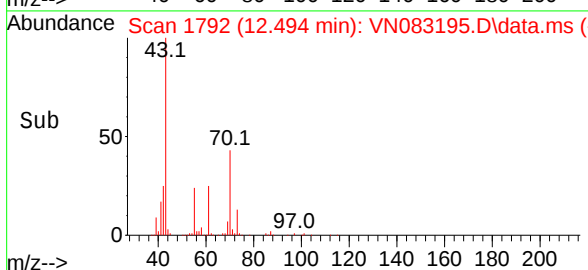
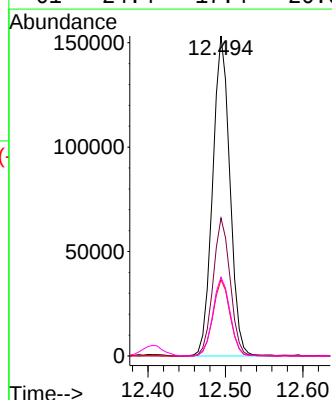
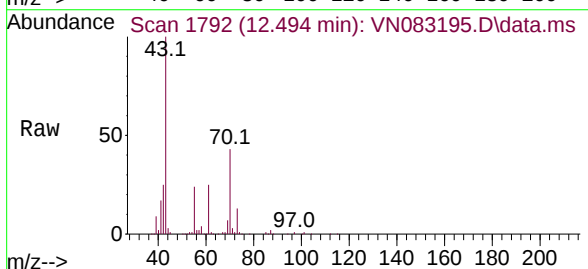
Ion Ratio Lower Upper

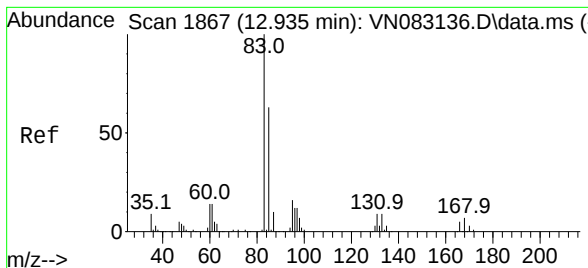
43 100

70 42.7 29.8 44.6

55 23.7 18.7 28.1

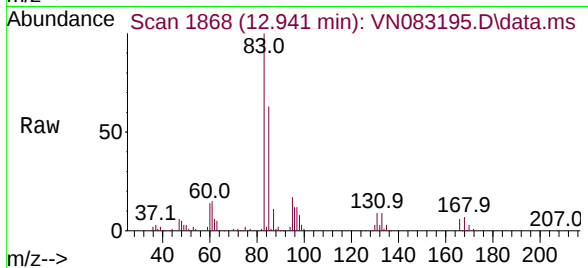
61 24.4 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 46.216 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

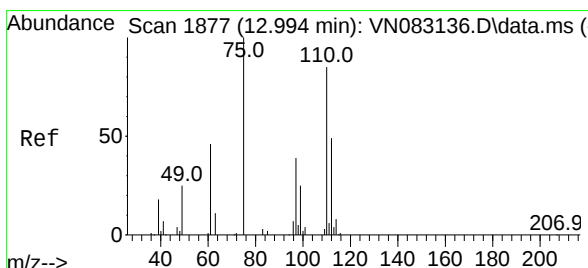
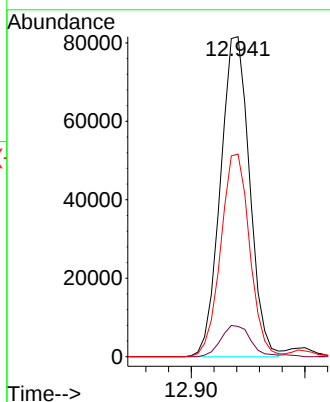
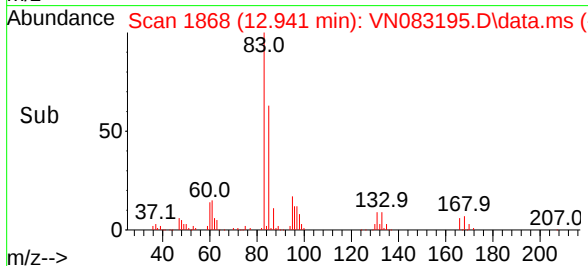
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



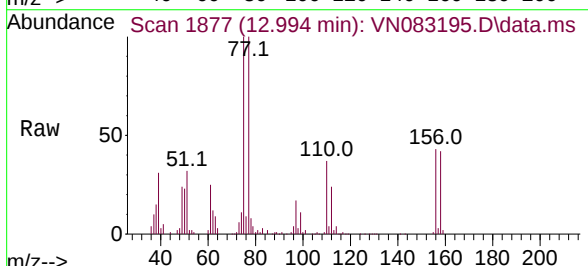
Tgt Ion: 83 Resp: 145200
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 62.7 31.9 95.7

Manual Integrations
APPROVED

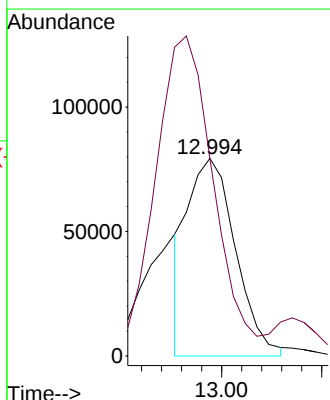
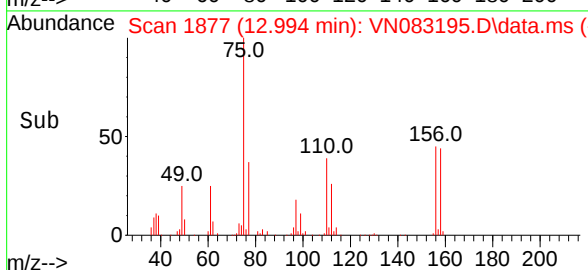
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024

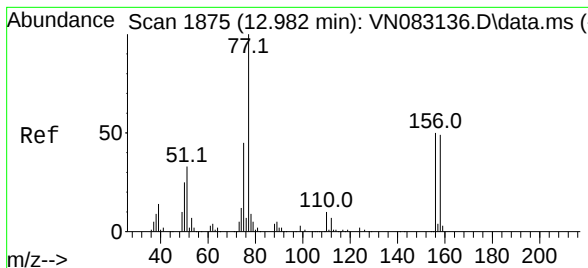


#76
1,2,3-Trichloropropane
Concen: 45.300 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27



Tgt Ion: 75 Resp: 132039
Ion Ratio Lower Upper
75 100
77 196.7 110.9 332.6





#77

Bromobenzene

Concen: 45.728 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN083195.D

Acq: 09 Aug 2024 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

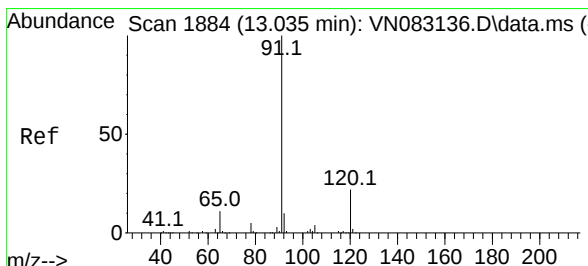
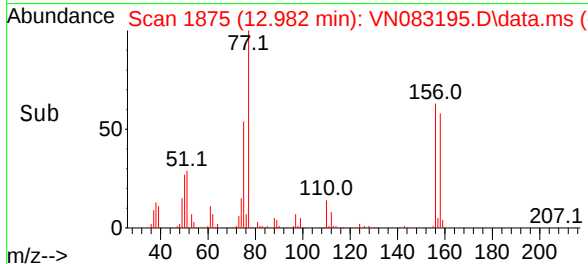
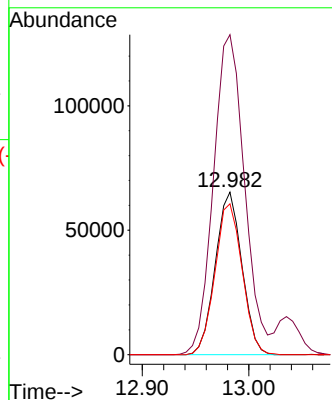
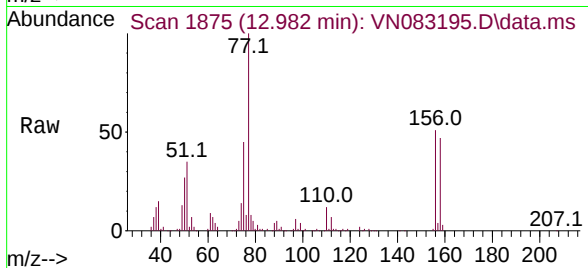
Tgt Ion:	156	Resp:	11283
Ion Ratio	Lower	Upper	
156	100		
77	230.2	111.3	333.8
158	95.2	48.3	144.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2024

Supervised By :Mahesh Dadoda 08/12/2024



#78

n-propylbenzene

Concen: 45.499 ug/l

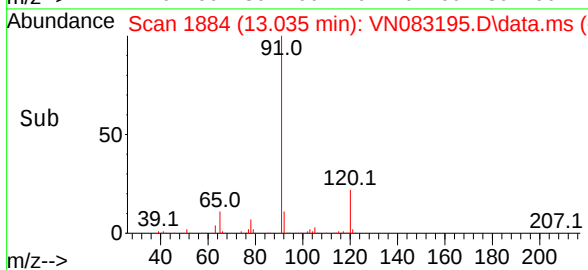
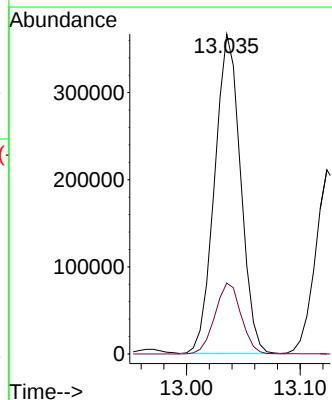
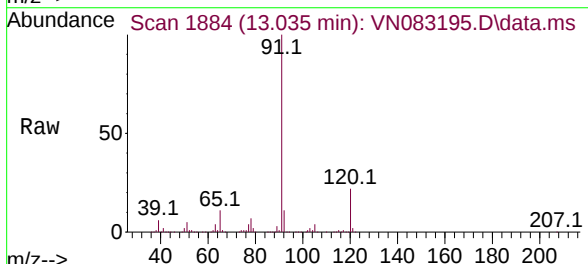
RT: 13.035 min Scan# 1884

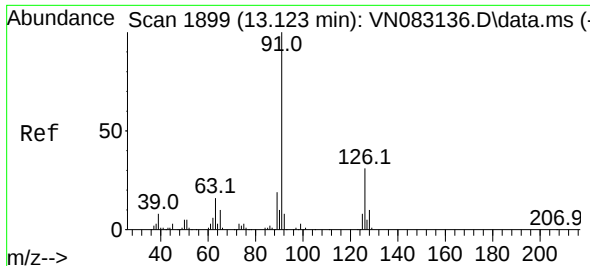
Delta R.T. 0.000 min

Lab File: VN083195.D

Acq: 09 Aug 2024 20:27

Tgt Ion:	91	Resp:	581977
Ion Ratio	Lower	Upper	
91	100		
120	22.4	10.9	32.9





#79

2-Chlorotoluene

Concen: 44.965 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN083195.D

Acq: 09 Aug 2024 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 364630

Ion Ratio Lower Upper

91 100

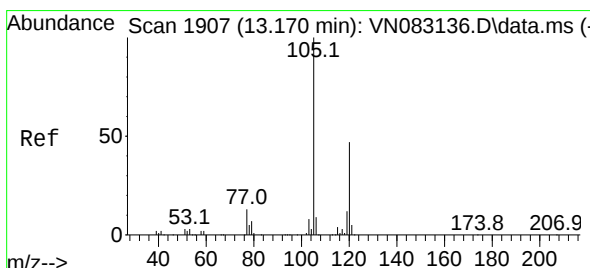
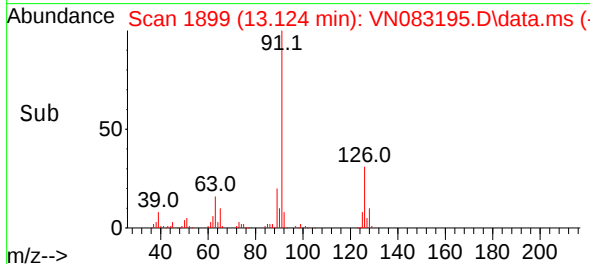
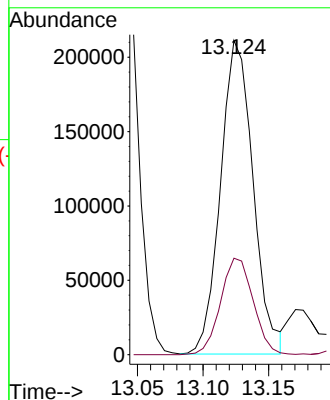
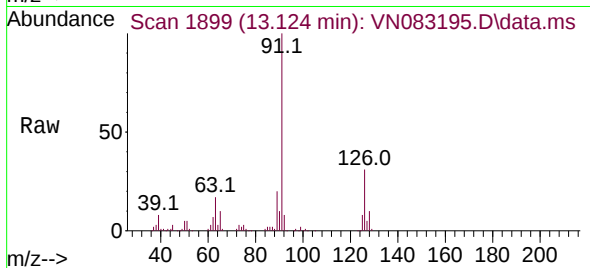
126 30.7 16.2 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2024

Supervised By :Mahesh Dadoda 08/12/2024



#80

1,3,5-Trimethylbenzene

Concen: 45.315 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083195.D

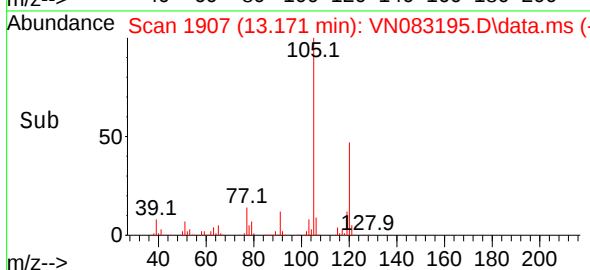
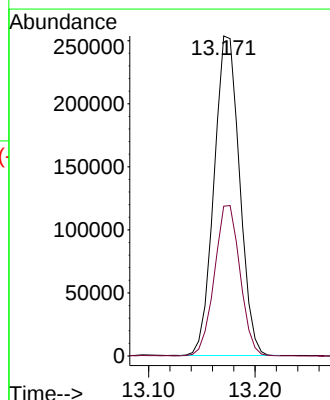
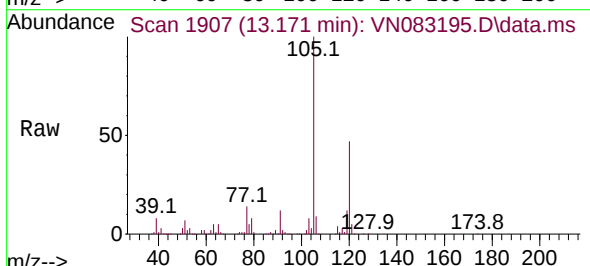
Acq: 09 Aug 2024 20:27

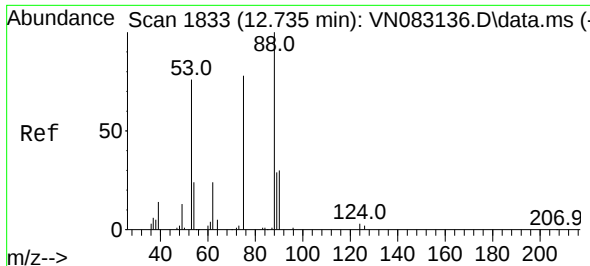
Tgt Ion:105 Resp: 421426

Ion Ratio Lower Upper

105 100

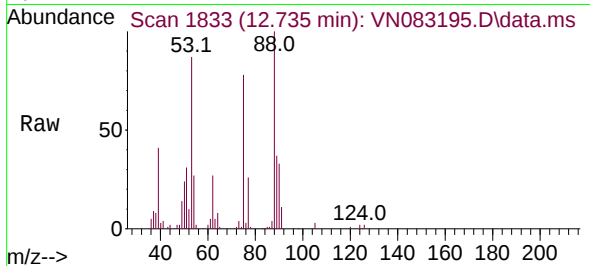
120 47.3 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 36.989 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

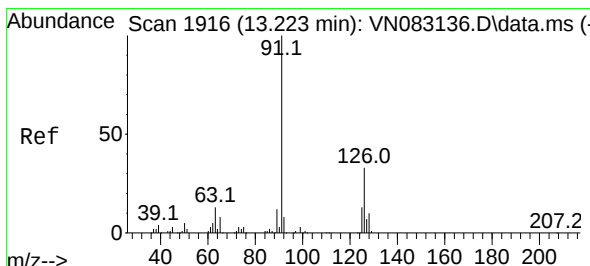
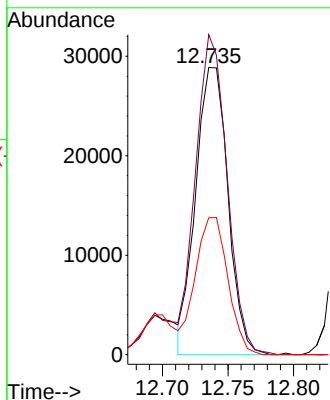
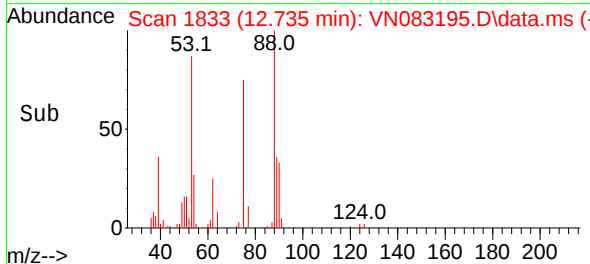
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 4956
Ion Ratio Lower Upper
75 100
53 108.6 88.4 132.6
89 48.4 36.3 54.5

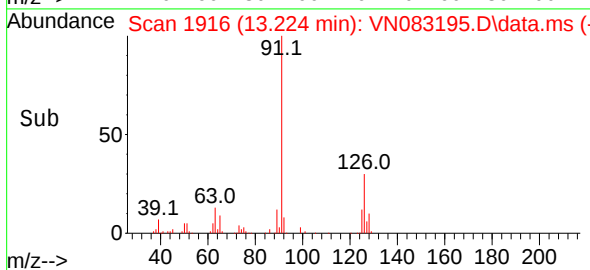
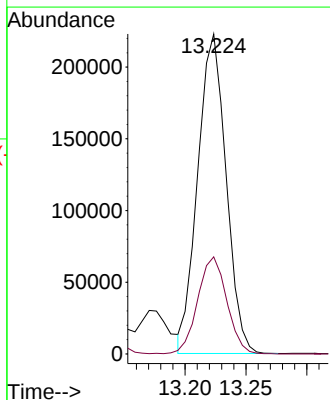
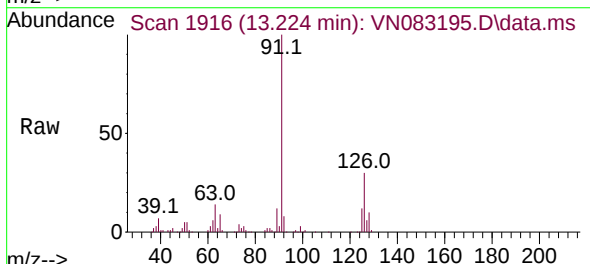
Manual Integrations
APPROVED

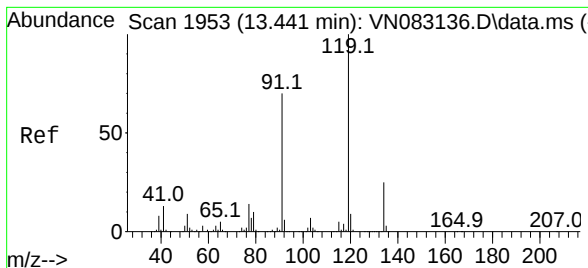
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024



#82
4-Chlorotoluene
Concen: 44.327 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

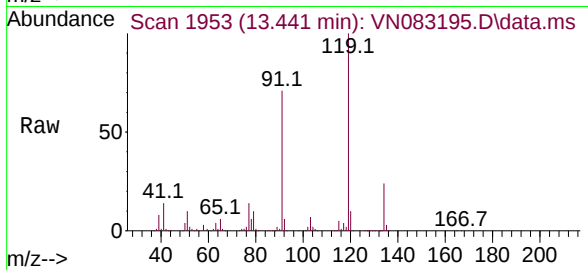
Tgt Ion: 91 Resp: 360568
Ion Ratio Lower Upper
91 100
126 31.3 16.2 48.6





#83
tert-Butylbenzene
Concen: 44.924 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

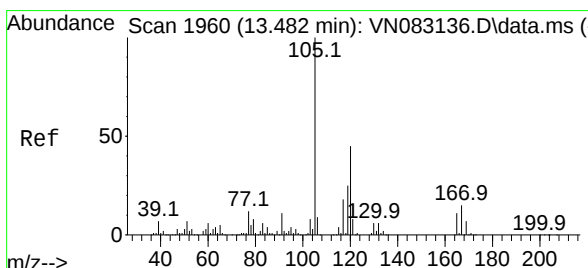
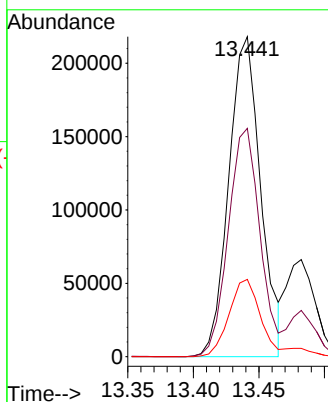
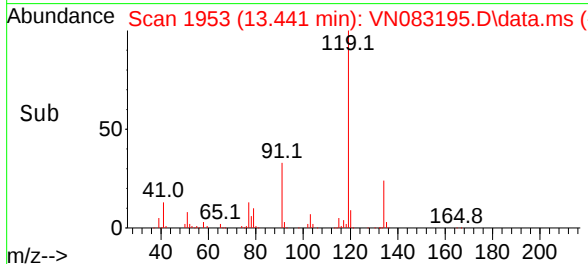
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



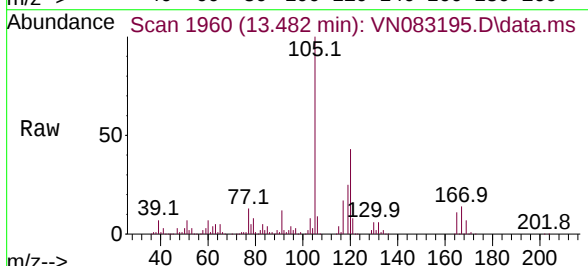
Tgt Ion:119 Resp: 369980
Ion Ratio Lower Upper
119 100
91 70.7 35.0 105.1
134 23.9 13.3 39.8

Manual Integrations
APPROVED

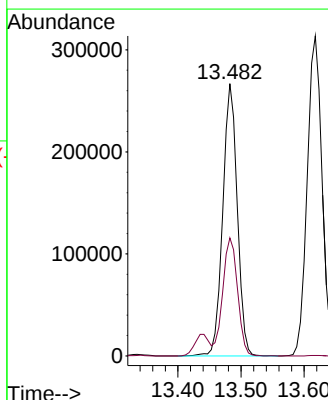
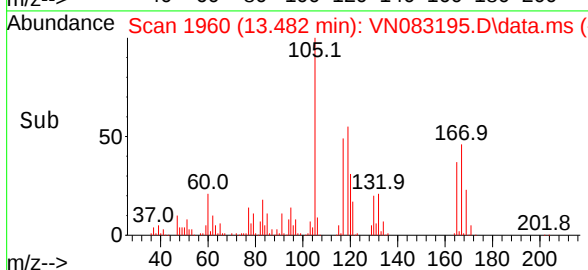
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024

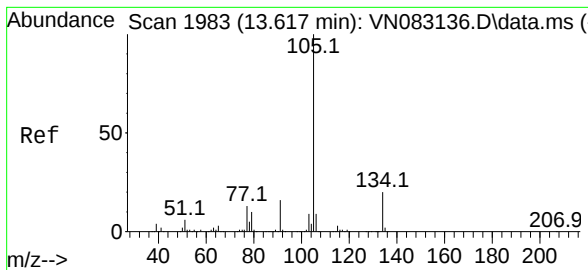


#84
1,2,4-Trimethylbenzene
Concen: 45.384 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27



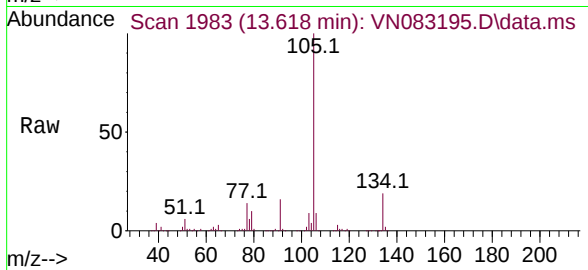
Tgt Ion:105 Resp: 425348
Ion Ratio Lower Upper
105 100
120 44.5 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 45.432 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083195.D
 Acq: 09 Aug 2024 20:27

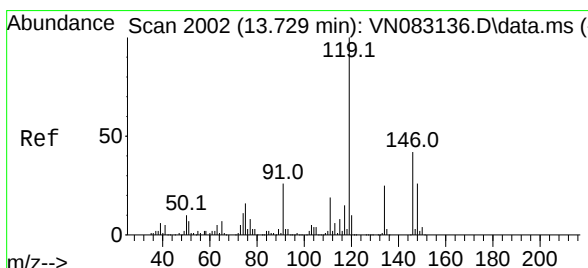
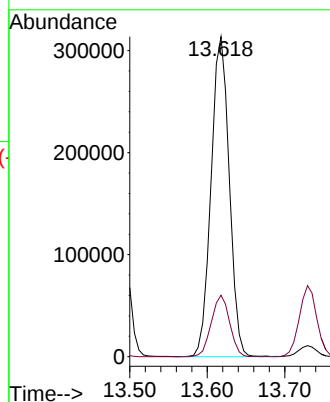
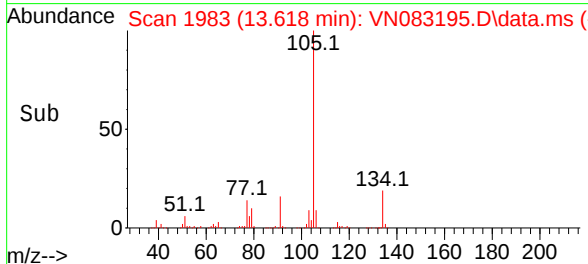
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



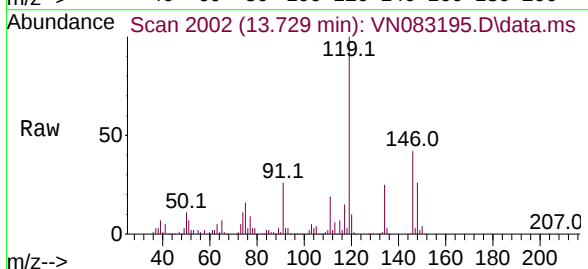
Tgt Ion:105 Resp: 510568
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

Manual Integrations
 APPROVED

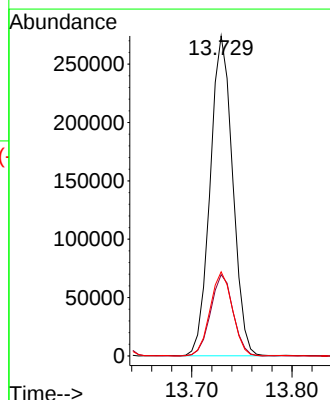
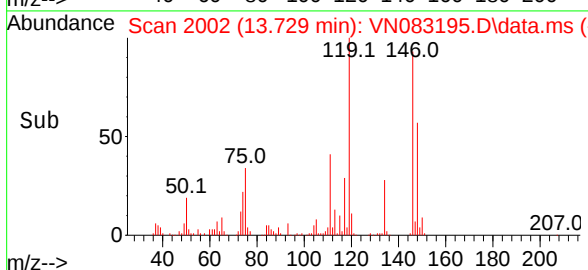
Reviewed By :John Carlone 08/10/2024
 Supervised By :Mahesh Dadoda 08/12/2024

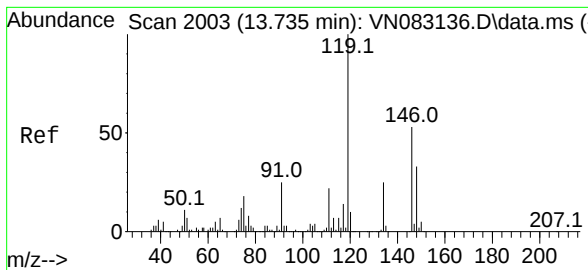


#86
 p-Isopropyltoluene
 Concen: 46.026 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083195.D
 Acq: 09 Aug 2024 20:27



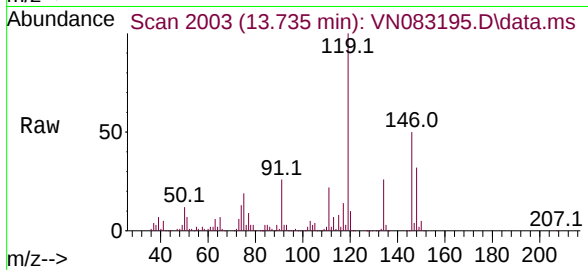
Tgt Ion:119 Resp: 427068
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 26.2 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 44.688 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

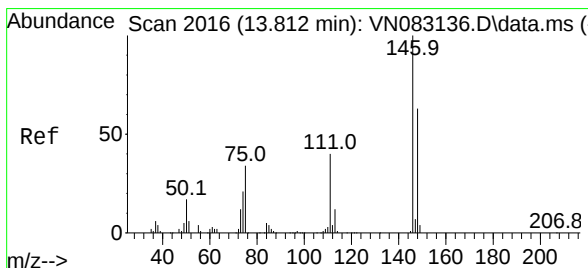
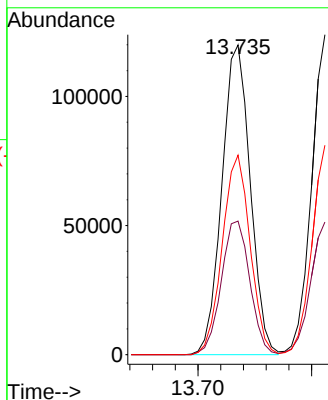
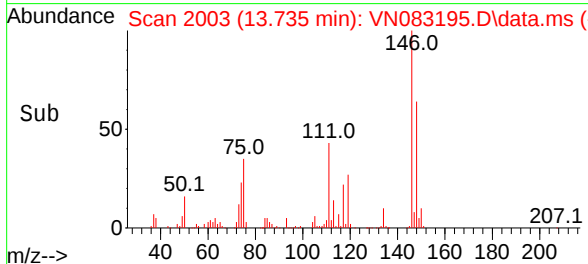
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



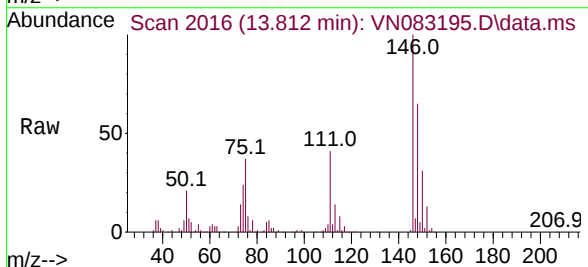
Tgt Ion:146 Resp: 207494
Ion Ratio Lower Upper
146 100
111 43.5 20.6 61.9
148 63.3 31.8 95.3

Manual Integrations
APPROVED

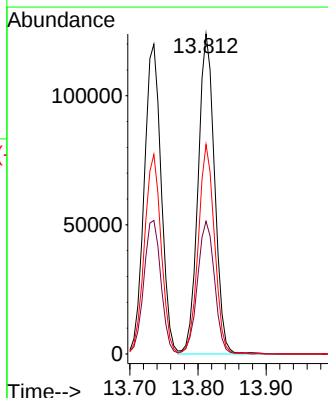
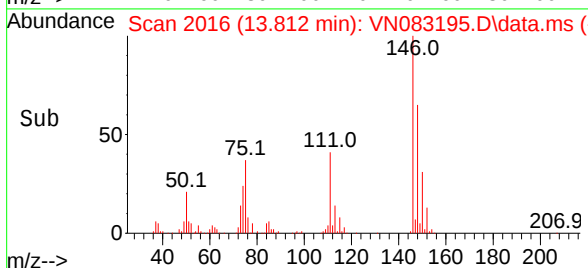
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024

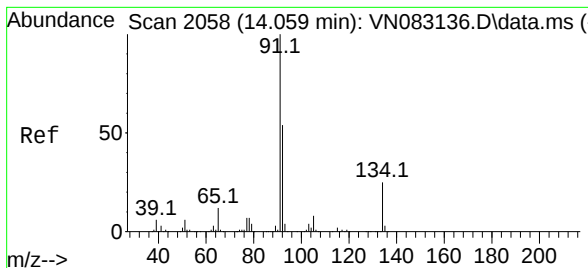


#88
1,4-Dichlorobenzene
Concen: 44.571 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27



Tgt Ion:146 Resp: 208636
Ion Ratio Lower Upper
146 100
111 42.0 20.1 60.3
148 63.9 32.2 96.6





#89

n-Butylbenzene

Concen: 45.531 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN083195.D

Acq: 09 Aug 2024 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

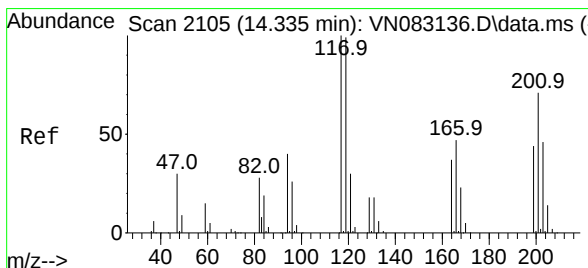
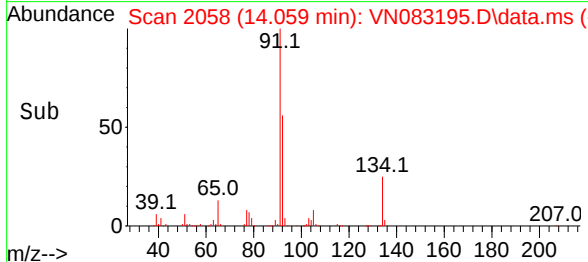
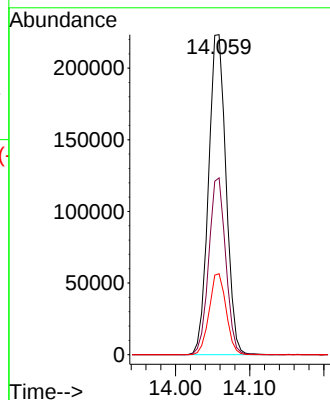
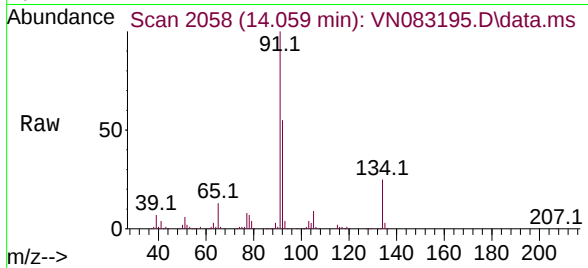
Tgt Ion:	91	Resp:	366070
Ion Ratio	Lower	Upper	
91	100		
92	53.5	26.1	78.3
134	24.5	12.1	36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2024

Supervised By :Mahesh Dadoda 08/12/2024



#90

Hexachloroethane

Concen: 44.616 ug/l

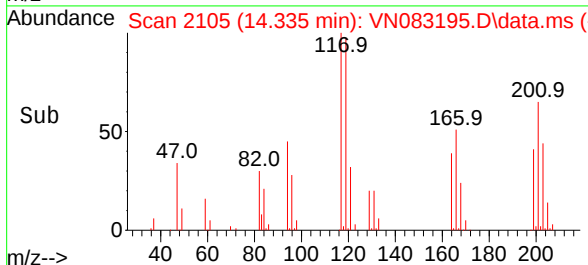
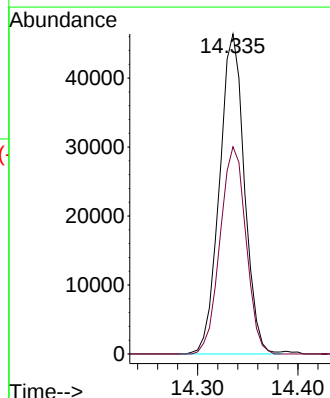
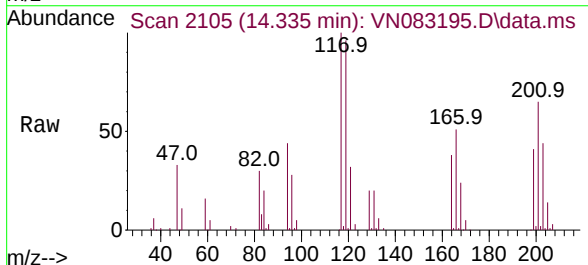
RT: 14.335 min Scan# 2105

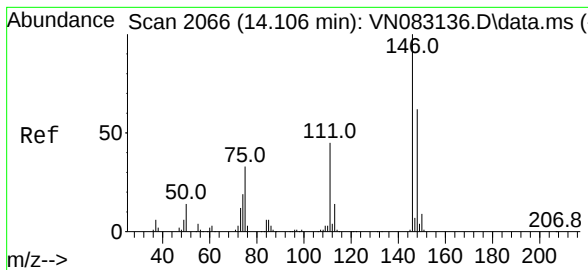
Delta R.T. 0.000 min

Lab File: VN083195.D

Acq: 09 Aug 2024 20:27

Tgt Ion:	117	Resp:	79981
Ion Ratio	Lower	Upper	
117	100		
201	67.2	35.8	107.3





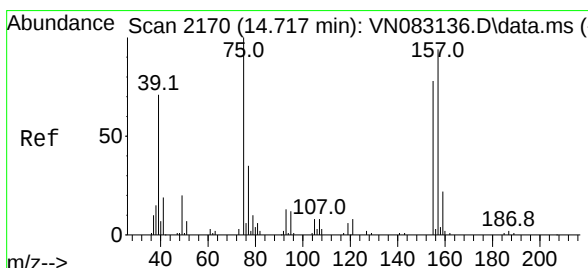
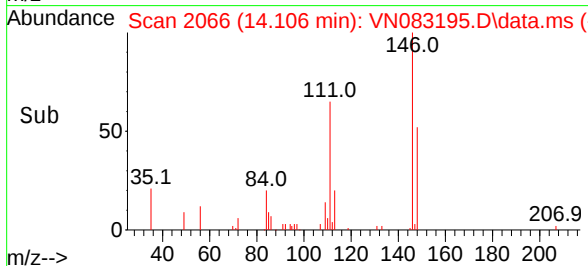
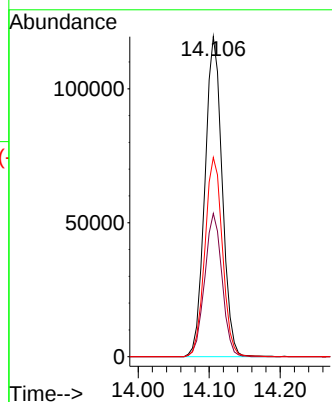
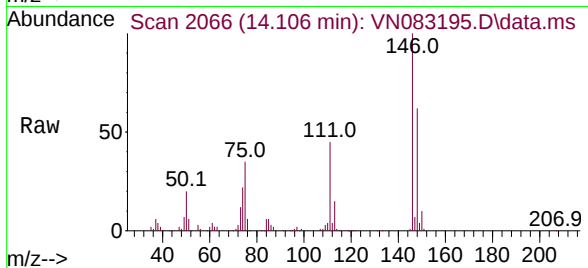
#91
1,2-Dichlorobenzene
Concen: 44.940 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 201923
Ion Ratio Lower Upper
146 100
111 45.0 21.4 64.2
148 63.2 32.1 96.5

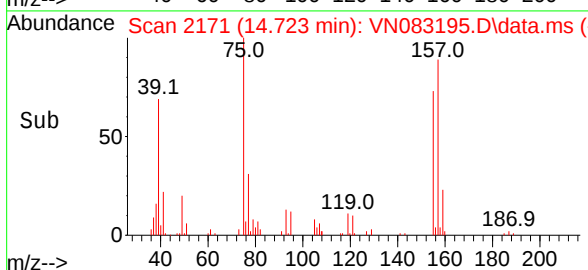
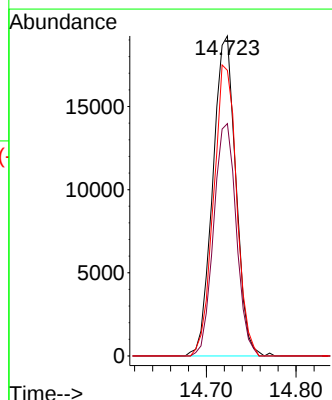
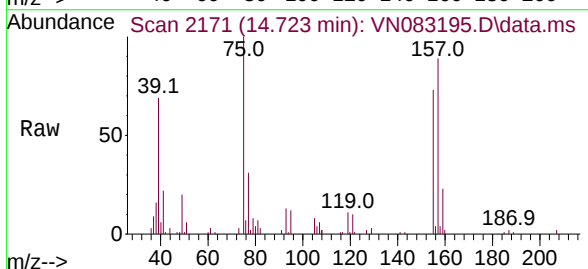
Manual Integrations
APPROVED

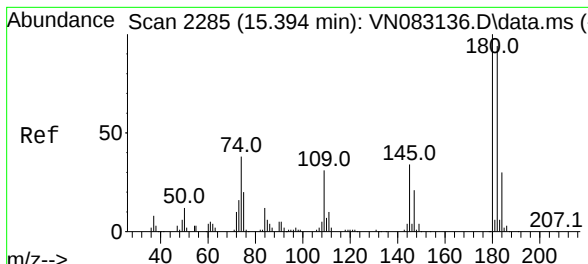
Reviewed By :John Carlone 08/10/2024
Supervised By :Mahesh Dadoda 08/12/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.956 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

Tgt Ion: 75 Resp: 34274
Ion Ratio Lower Upper
75 100
155 71.3 36.6 109.8
157 90.8 46.9 140.6





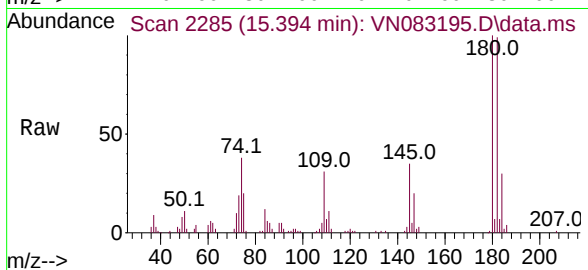
#93
1,2,4-Trichlorobenzene
Concen: 43.248 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



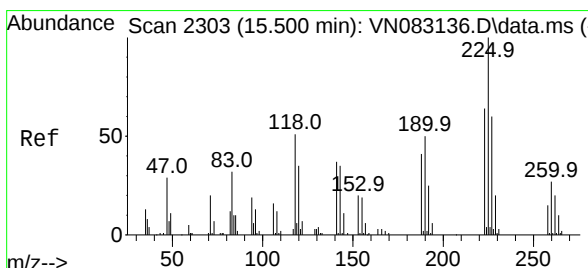
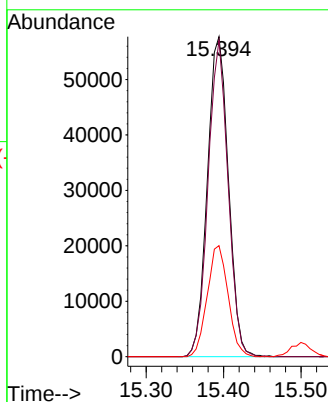
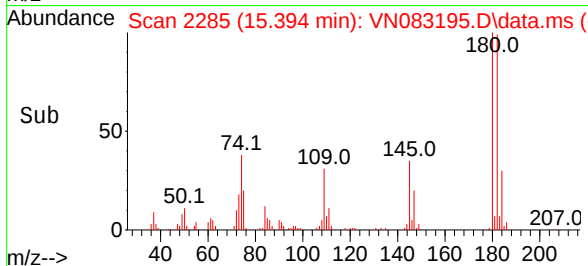
Tgt Ion:180 Resp: 10886
Ion Ratio Lower Upper
180 100
182 93.8 47.3 141.8
145 34.5 15.7 47.1

Manual Integrations

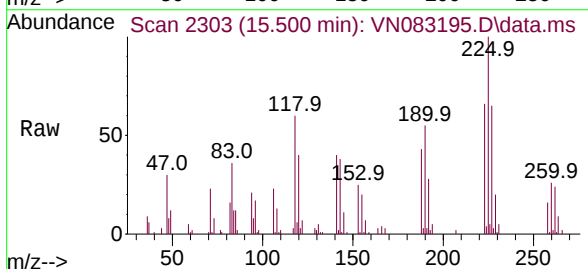
APPROVED

Reviewed By :John Carlone 08/10/2024

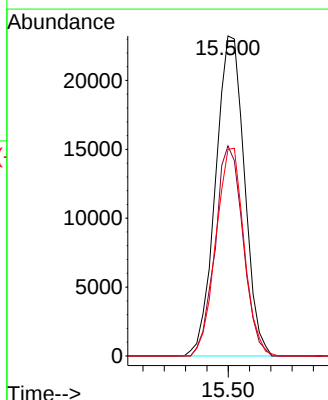
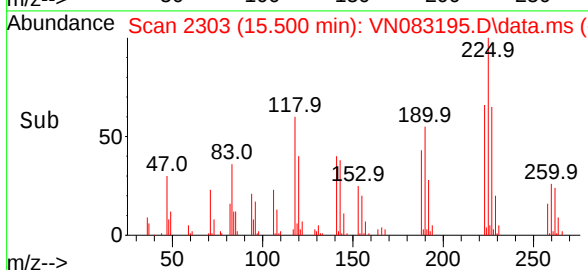
Supervised By :Mahesh Dadoda 08/12/2024

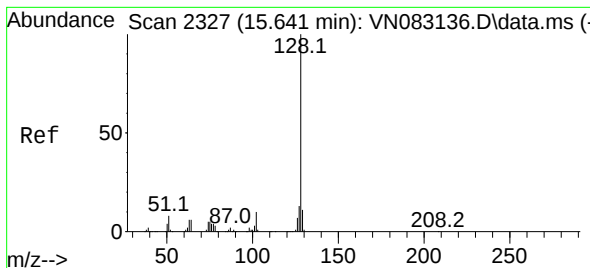


#94
Hexachlorobutadiene
Concen: 39.008 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN083195.D
Acq: 09 Aug 2024 20:27



Tgt Ion:225 Resp: 43668
Ion Ratio Lower Upper
225 100
223 63.5 31.9 95.7
227 63.4 32.5 97.5





#95

Naphthalene

Concen: 44.356 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN083195.D

Acq: 09 Aug 2024 20:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

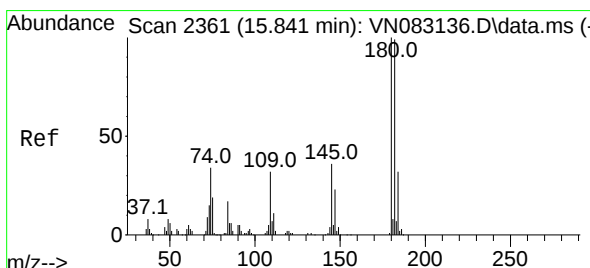
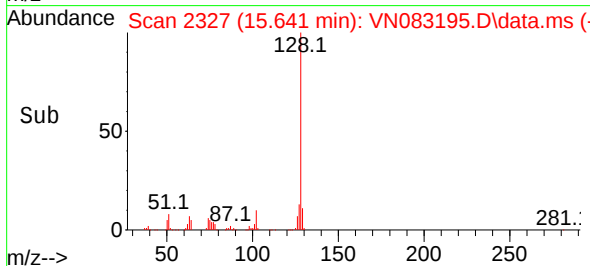
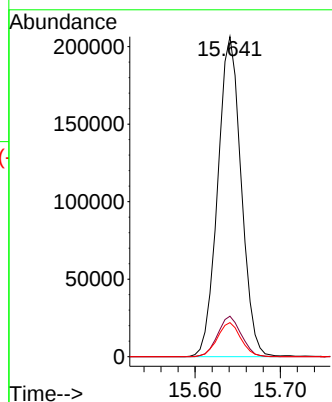
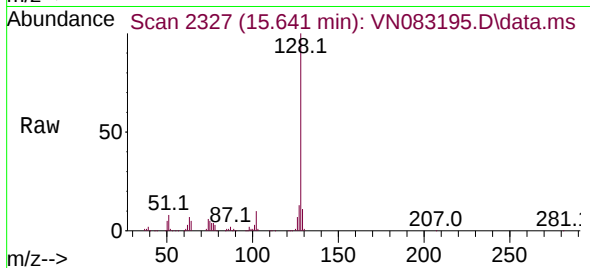
Tgt Ion:128 Resp: 395502
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.6 16.0
 129 10.6 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/10/2024

Supervised By :Mahesh Dadoda 08/12/2024



#96

1,2,3-Trichlorobenzene

Concen: 43.496 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN083195.D

Acq: 09 Aug 2024 20:27

Tgt Ion:180 Resp: 108337
 Ion Ratio Lower Upper
 180 100
 182 95.1 48.9 146.8
 145 36.0 16.8 50.4

