

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083323.D
 Acq On : 15 Aug 2024 11:48
 Operator : JC\MD
 Sample : VN0815WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/16/2024
 Supervised By : Mahesh Dadoda 08/16/2024

Quant Time: Aug 16 01:47:49 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	155167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124443	56.344	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.680%			
35) Dibromofluoromethane	8.165	113	90293	53.162	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.320%			
50) Toluene-d8	10.565	98	332332	52.454	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.900%			
62) 4-Bromofluorobenzene	12.847	95	125903	50.973	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33499	19.038	ug/l	99
3) Chloromethane	2.365	50	35009	19.433	ug/l	95
4) Vinyl Chloride	2.512	62	38671	21.037	ug/l	97
5) Bromomethane	2.959	94	21940	19.235	ug/l	87
6) Chloroethane	3.124	64	24446	21.256	ug/l	95
7) Trichlorofluoromethane	3.495	101	65897	21.700	ug/l	97
8) Diethyl Ether	3.959	74	22848	20.220	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	36548	21.830	ug/l	96
10) Methyl Iodide	4.589	142	36439	16.546	ug/l	96
11) Tert butyl alcohol	5.518	59	41531	90.483	ug/l	96
12) 1,1-Dichloroethene	4.342	96	32496	18.892	ug/l	99
13) Acrolein	4.183	56	24490	81.866	ug/l	98
14) Allyl chloride	5.018	41	56030	17.238	ug/l	93
15) Acrylonitrile	5.718	53	96245	101.956	ug/l	99
16) Acetone	4.430	43	91174	105.497	ug/l	94
17) Carbon Disulfide	4.706	76	83338	16.559	ug/l	100
18) Methyl Acetate	5.030	43	55231	21.450	ug/l #	91
19) Methyl tert-butyl Ether	5.795	73	127583	20.550	ug/l	97
20) Methylene Chloride	5.277	84	38759	19.487	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	34771	19.559	ug/l	89
22) Diisopropyl ether	6.677	45	127735	20.906	ug/l	96
23) Vinyl Acetate	6.606	43	618131m	98.701	ug/l	
24) 1,1-Dichloroethane	6.571	63	71210	21.382	ug/l	98
25) 2-Butanone	7.489	43	136976	103.223	ug/l #	89
26) 2,2-Dichloropropane	7.494	77	65079	21.042	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	43955	20.490	ug/l	93
28) Bromochloromethane	7.818	49	30780	22.615	ug/l #	84
29) Tetrahydrofuran	7.841	42	87780	102.330	ug/l	89
30) Chloroform	7.965	83	76151	22.009	ug/l	99
31) Cyclohexane	8.259	56	60198	18.392	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	68708	20.979	ug/l	92
36) 1,1-Dichloropropene	8.371	75	51991	20.235	ug/l	99
37) Ethyl Acetate	7.559	43	54139	18.819	ug/l #	93
38) Carbon Tetrachloride	8.365	117	58637	20.263	ug/l	98
39) Methylcyclohexane	9.600	83	58882	18.659	ug/l	96
40) Benzene	8.606	78	155855	20.362	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	29997	18.339	ug/l	95
42) 1,2-Dichloroethane	8.671	62	58803	21.090	ug/l	98
43) Isopropyl Acetate	8.688	43	96371	17.883	ug/l #	93
44) Trichloroethene	9.353	130	37873	20.788	ug/l	94
45) 1,2-Dichloropropane	9.624	63	38121	20.982	ug/l	97
46) Dibromomethane	9.712	93	27986	21.520	ug/l	99
47) Bromodichloromethane	9.888	83	59664	20.433	ug/l #	98
48) Methyl methacrylate	9.682	41	44204	18.586	ug/l	93
49) 1,4-Dioxane	9.700	88	17126	399.134	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	282784	103.950	ug/l	94
52) Toluene	10.629	92	98980	20.467	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	59981	19.998	ug/l	90
54) cis-1,3-Dichloropropene	10.312	75	62653	19.639	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	38197	22.039	ug/l	94
56) Ethyl methacrylate	10.877	69	63570	19.457	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	65972	21.356	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	118838	86.048	ug/l	97
59) 2-Hexanone	11.194	43	213304	101.352	ug/l	94
60) Dibromochloromethane	11.359	129	43147	20.591	ug/l	99
61) 1,2-Dibromoethane	11.471	107	38039	20.893	ug/l	99
64) Tetrachloroethene	11.106	164	31511	19.782	ug/l	97
65) Chlorobenzene	11.894	112	105248	19.801	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	37789	20.159	ug/l	100
67) Ethyl Benzene	11.965	91	192072	19.699	ug/l	98
68) m/p-Xylenes	12.071	106	141143	38.643	ug/l	94
69) o-Xylene	12.400	106	70846	19.667	ug/l	98
70) Styrene	12.412	104	120495	19.916	ug/l	98
71) Bromoform	12.576	173	27323	19.240	ug/l #	99
73) Isopropylbenzene	12.694	105	184144	19.966	ug/l	100
74) N-amyl acetate	12.494	43	81585	18.084	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	54287	20.811	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	48903m	20.207	ug/l	
77) Bromobenzene	12.976	156	41888	20.445	ug/l	98
78) n-propylbenzene	13.035	91	214041	20.154	ug/l	99
79) 2-Chlorotoluene	13.123	91	135719	20.157	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	154152	19.964	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	18092	16.262	ug/l	98
82) 4-Chlorotoluene	13.223	91	135238	20.024	ug/l	97
83) tert-Butylbenzene	13.441	119	134654	19.692	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	154636	19.872	ug/l	100
85) sec-Butylbenzene	13.618	105	184637	19.788	ug/l	100
86) p-Isopropyltoluene	13.729	119	151646	19.684	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	75261	19.522	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	76349	19.644	ug/l	97
89) n-Butylbenzene	14.059	91	128632	19.269	ug/l	99
90) Hexachloroethane	14.329	117	27160	18.248	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	73433	19.684	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11740	18.547	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	39727	19.008	ug/l	95
94) Hexachlorobutadiene	15.500	225	16345	17.585	ug/l	98
95) Naphthalene	15.641	128	133754	18.067	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	39024	18.870	ug/l	94

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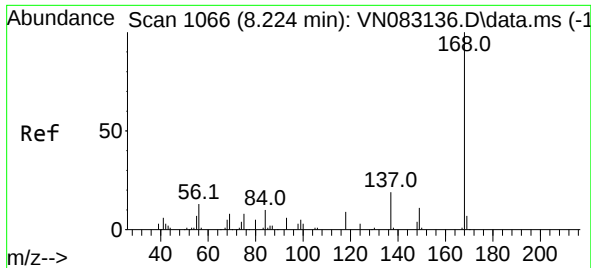
Manual Integrations
APPROVED

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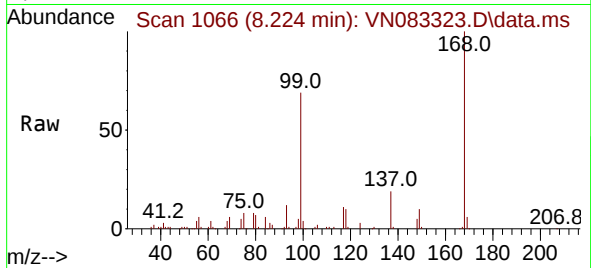
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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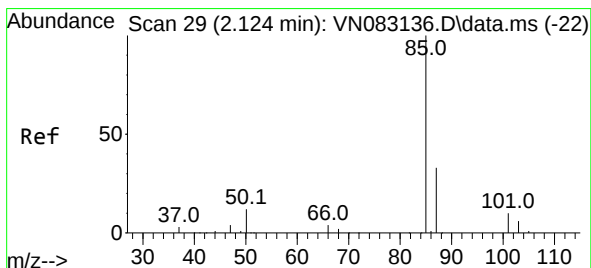
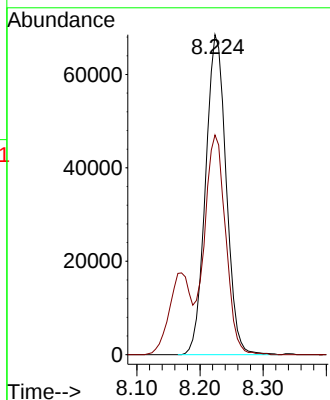
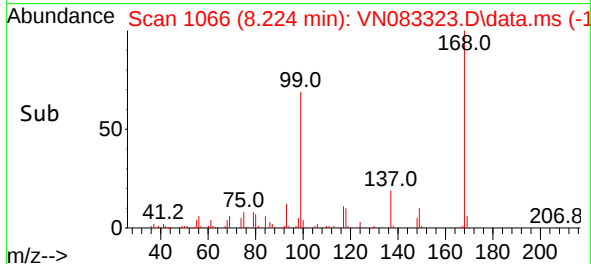
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 15516
Ion Ratio Lower Upper
168 100
99 68.6 48.2 72.4

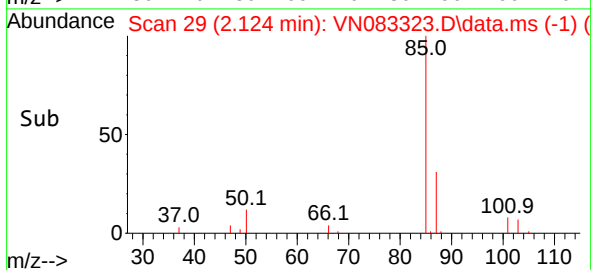
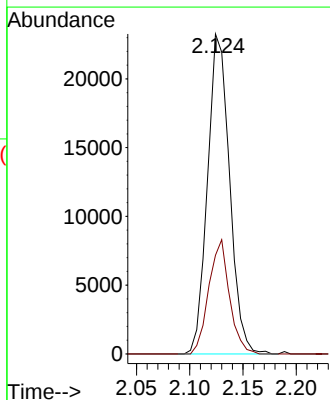
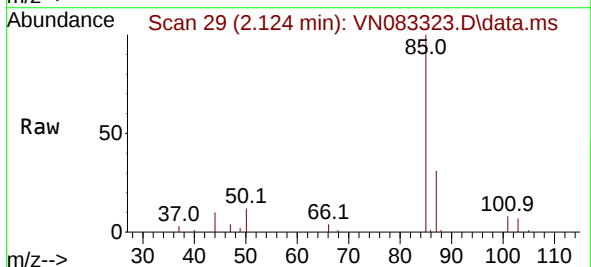
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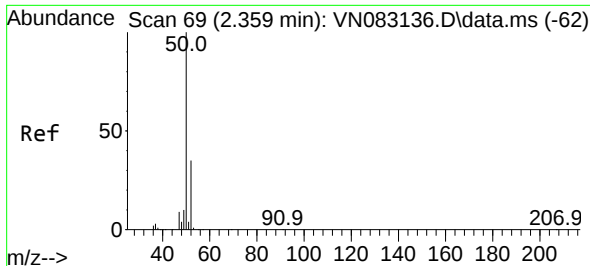
Reviewed By :John Carlone 08/16/2024
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#2
Dichlorodifluoromethane
Concen: 19.038 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

Tgt Ion: 85 Resp: 33499
Ion Ratio Lower Upper
85 100
87 30.9 15.7 47.0





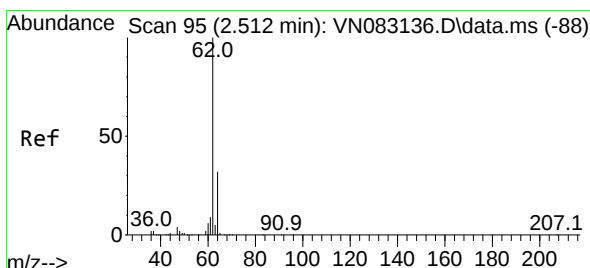
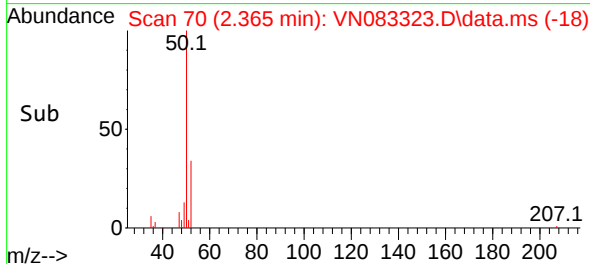
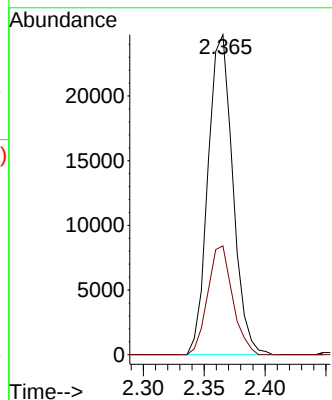
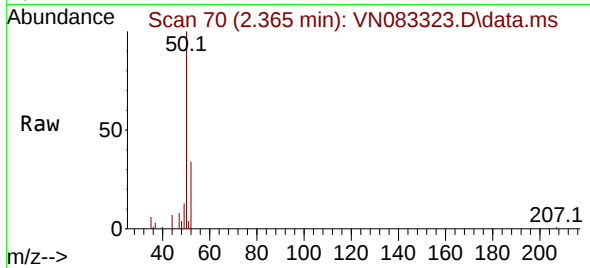
#3
Chloromethane
Concen: 19.433 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

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Tgt Ion: 50 Resp: 35009
Ion Ratio Lower Upper
50 100
52 34.0 25.0 37.4

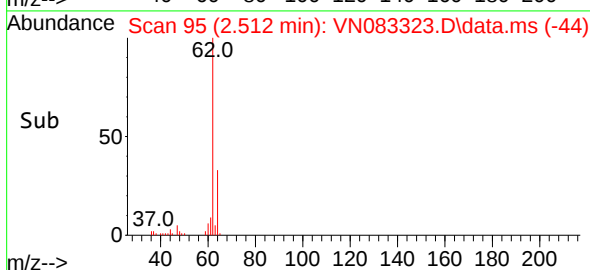
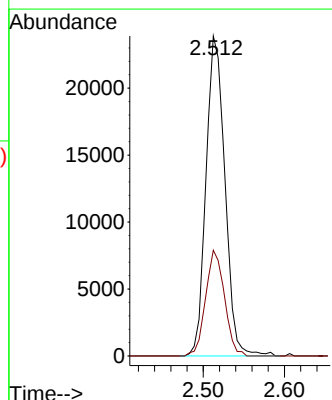
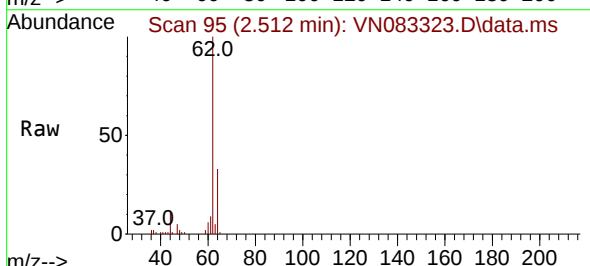
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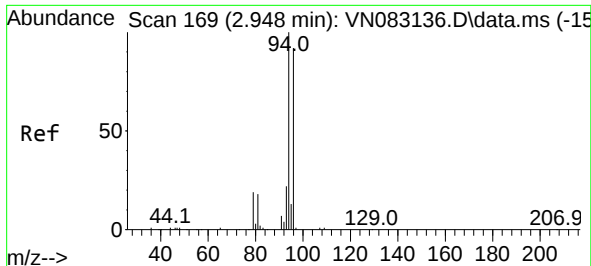
Reviewed By :John Carlone 08/16/2024
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#4
Vinyl Chloride
Concen: 21.037 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

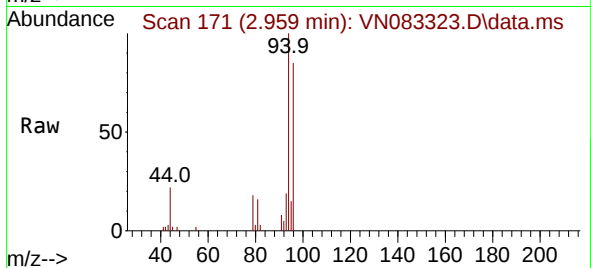
Tgt Ion: 62 Resp: 38671
Ion Ratio Lower Upper
62 100
64 33.0 25.0 37.6





#5
Bromomethane
Concen: 19.235 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN083323.D
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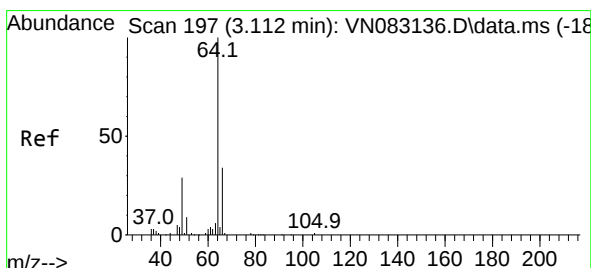
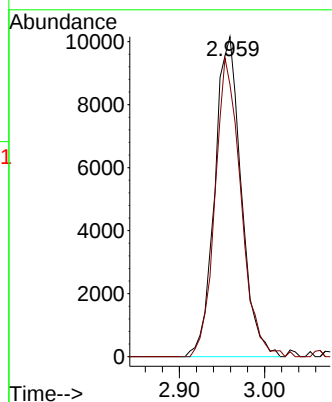
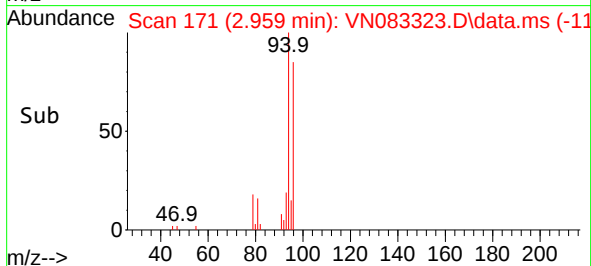
Instrument :
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Tgt Ion: 94 Resp: 21940
Ion Ratio Lower Upper
94 100
96 85.1 78.0 117.0

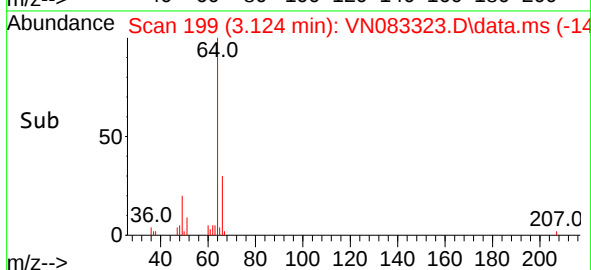
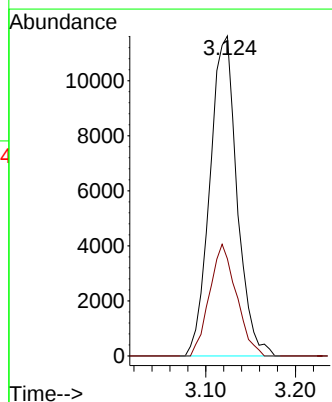
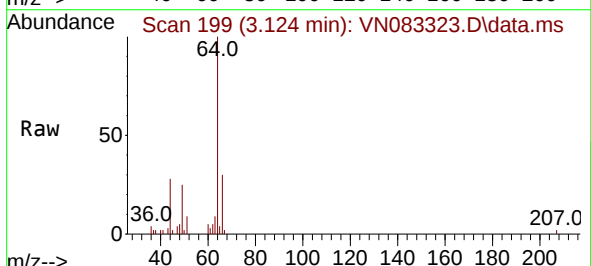
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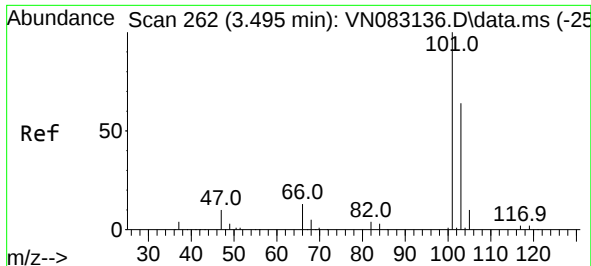
Reviewed By :John Carlone 08/16/2024
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#6
Chloroethane
Concen: 21.256 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN083323.D
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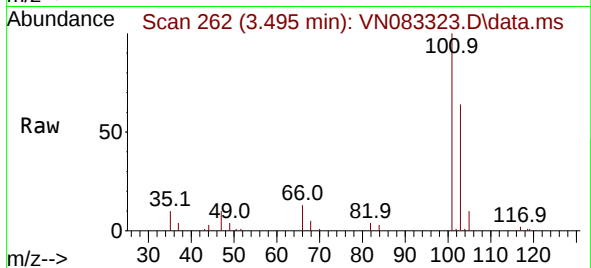
Tgt Ion: 64 Resp: 24446
Ion Ratio Lower Upper
64 100
66 30.4 26.6 40.0





#7
 Trichlorofluoromethane
 Concen: 21.700 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN083323.D
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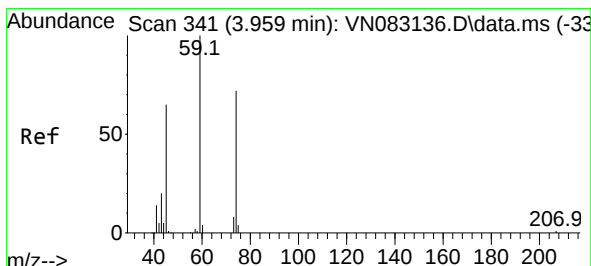
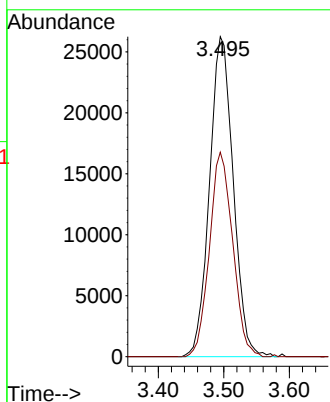
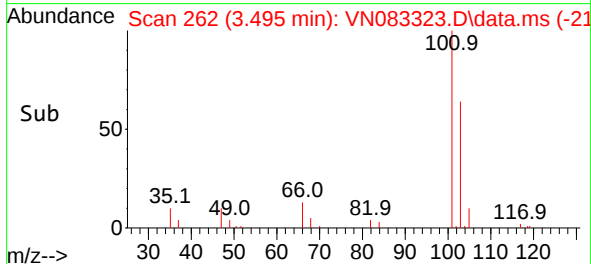
Instrument :
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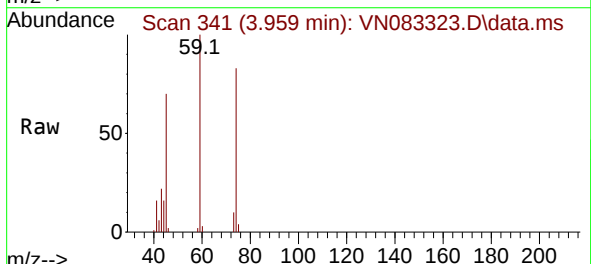
Tgt Ion:101 Resp: 6589
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.7 79.1

Manual Integrations
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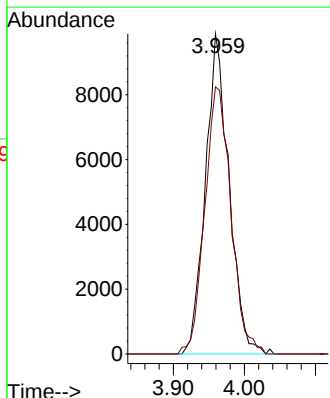
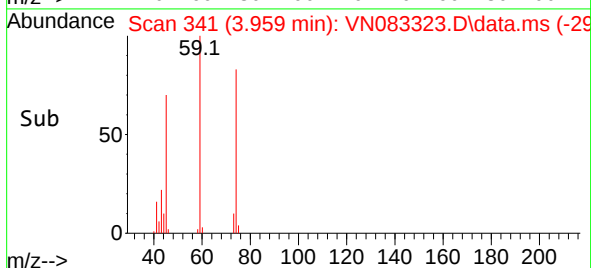
Reviewed By :John Carlone 08/16/2024
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#8
 Diethyl Ether
 Concen: 20.220 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 22848
 Ion Ratio Lower Upper
 74 100
 45 92.2 55.5 166.3





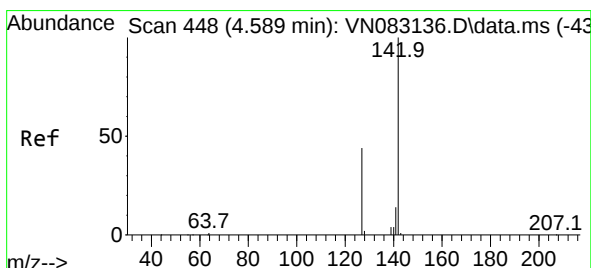
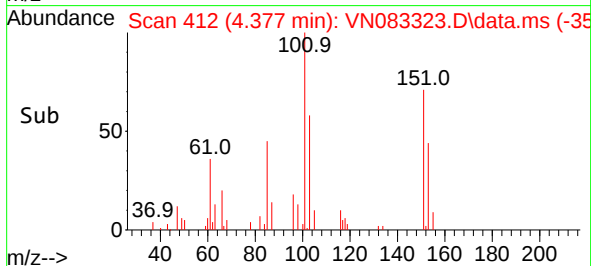
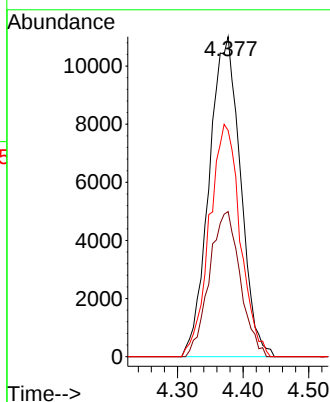
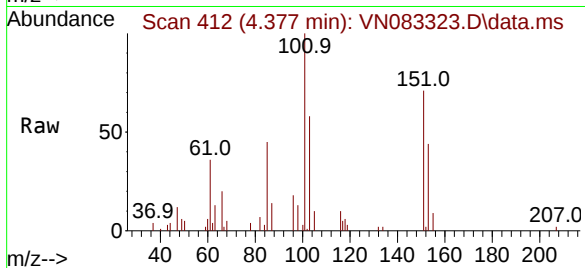
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.830 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN083323.D
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MSVOA_N
ClientSampleId :
VN0815WBS01

Tgt Ion:101 Resp: 36548
Ion Ratio Lower Upper
101 100
85 44.6 38.3 57.5
151 71.4 59.3 88.9

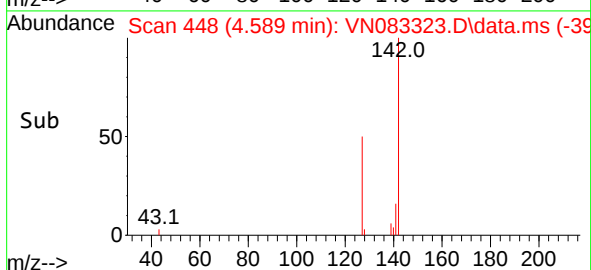
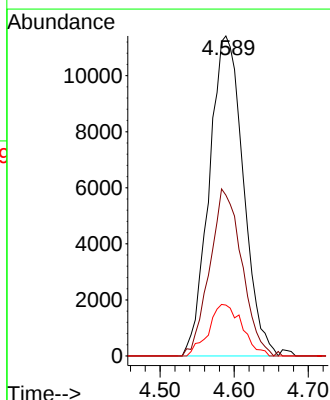
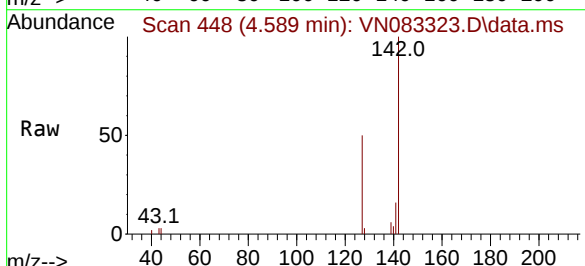
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#10
Methyl Iodide
Concen: 16.546 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

Tgt Ion:142 Resp: 36439
Ion Ratio Lower Upper
142 100
127 50.2 37.5 56.3
141 15.9 13.1 19.7





#11

Tert butyl alcohol

Concen: 90.483 ug/l

RT: 5.518 min Scan# 608

Delta R.T. -0.012 min

Lab File: VN083323.D

Acq: 15 Aug 2024 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBS01

Tgt Ion: 59 Resp: 4153

Ion Ratio Lower Upper

59 100

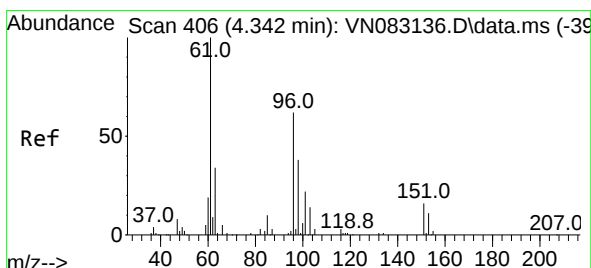
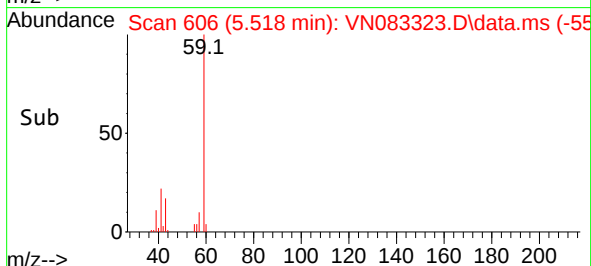
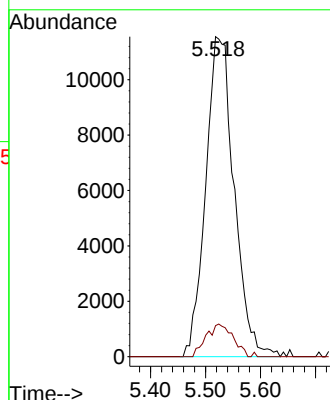
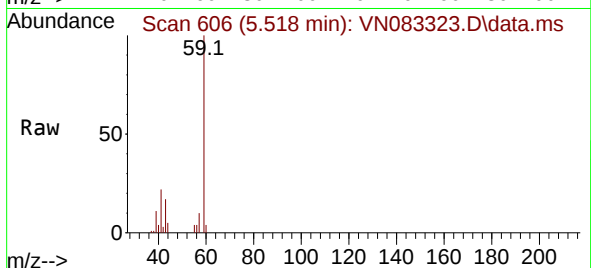
57 9.6 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#12

1,1-Dichloroethene

Concen: 18.892 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.000 min

Lab File: VN083323.D

Acq: 15 Aug 2024 11:48

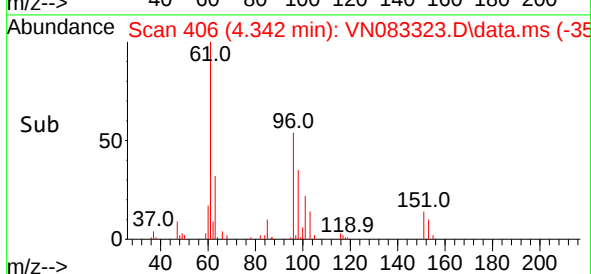
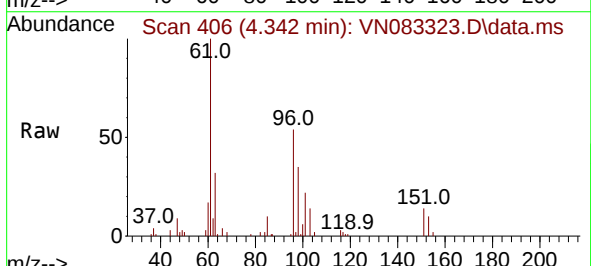
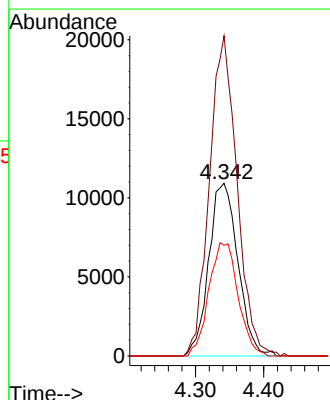
Tgt Ion: 96 Resp: 32496

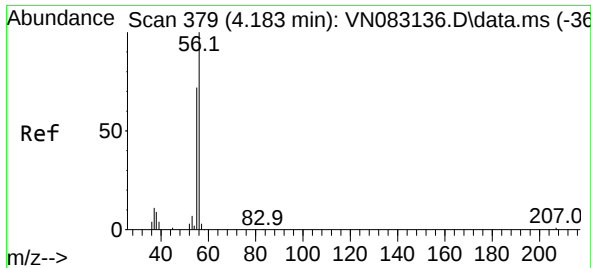
Ion Ratio Lower Upper

96 100

61 185.4 149.7 224.5

98 64.2 50.1 75.1





#13

Acrolein

Concen: 81.866 ug/l

RT: 4.183 min Scan# 379

Delta R.T. 0.000 min

Lab File: VN083323.D

Acq: 15 Aug 2024 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBS01

Tgt Ion: 56 Resp: 24490

Ion Ratio Lower Upper

56 100

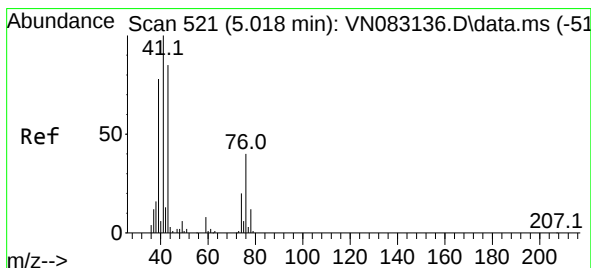
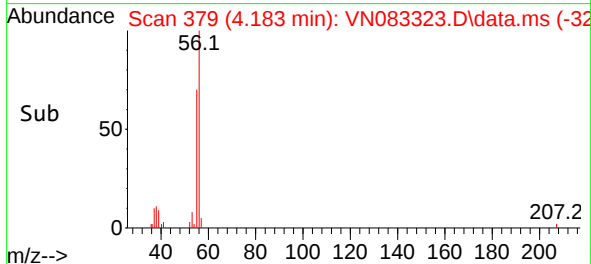
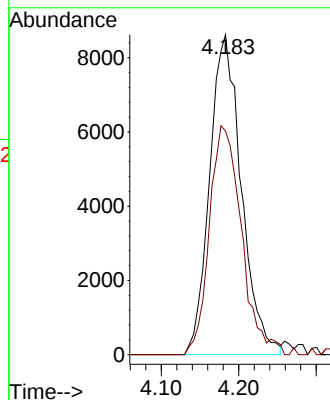
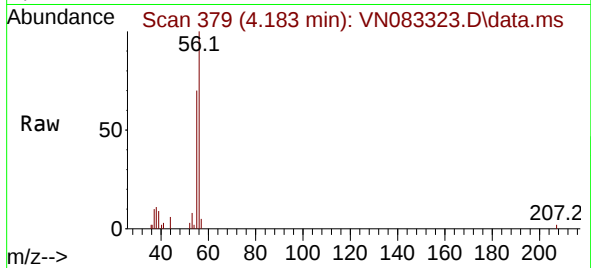
55 72.4 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#14

Allyl chloride

Concen: 17.238 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN083323.D

Acq: 15 Aug 2024 11:48

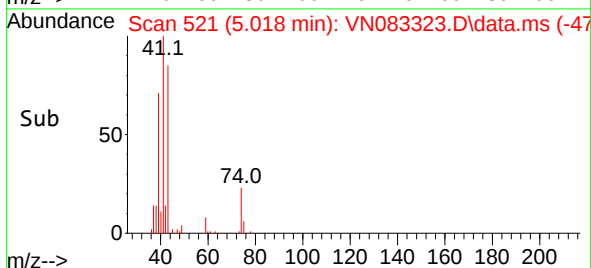
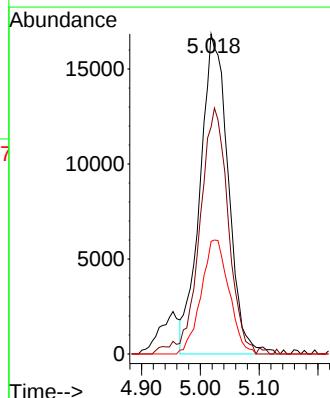
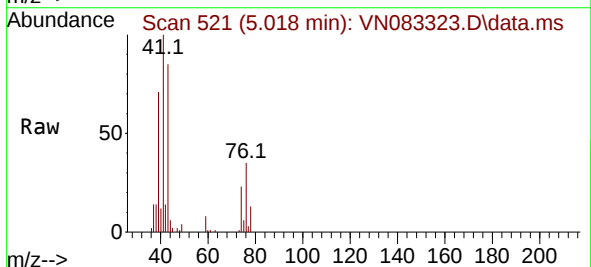
Tgt Ion: 41 Resp: 56030

Ion Ratio Lower Upper

41 100

39 77.5 67.8 101.6

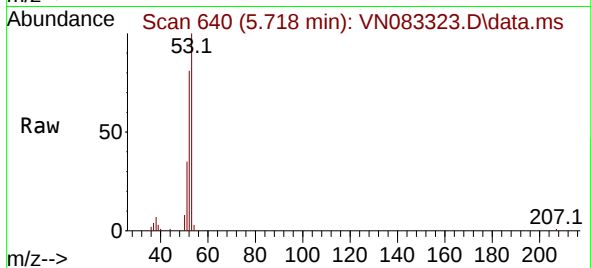
76 35.2 25.8 38.8





#15
Acrylonitrile
Concen: 101.956 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

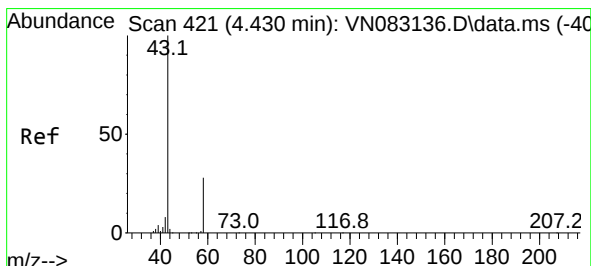
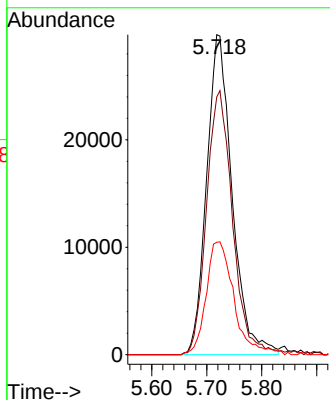
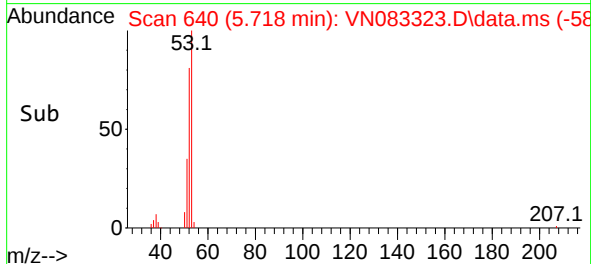
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01



Tgt Ion: 53 Resp: 96245
Ion Ratio Lower Upper
53 100
52 84.4 66.6 100.0
51 38.3 30.1 45.1

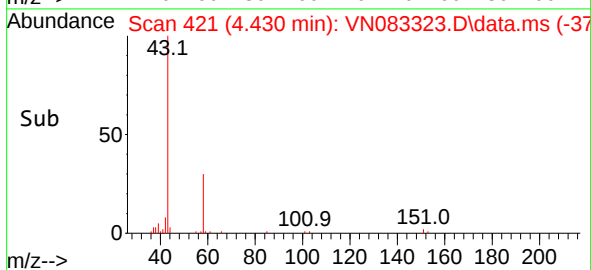
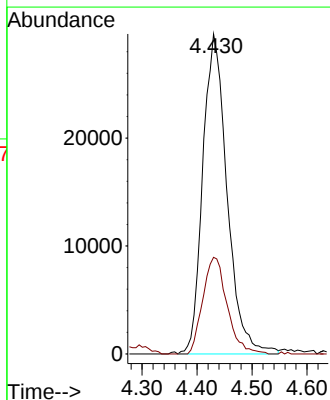
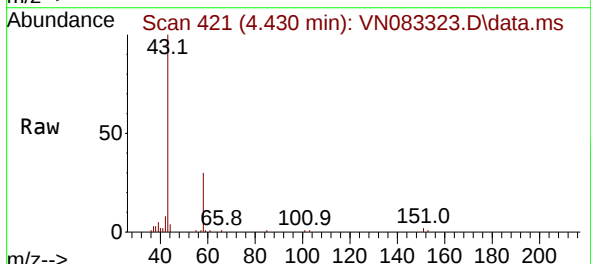
Manual Integrations
APPROVED

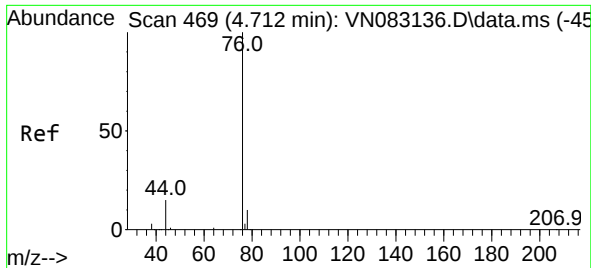
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#16
Acetone
Concen: 105.497 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

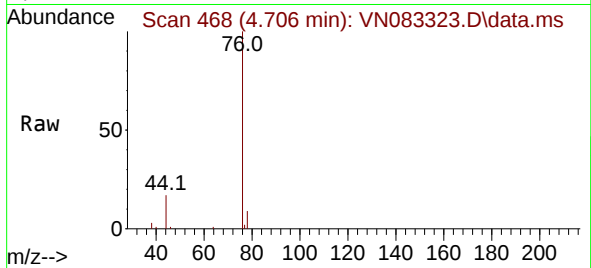
Tgt Ion: 43 Resp: 91174
Ion Ratio Lower Upper
43 100
58 30.2 21.8 32.6





#17
Carbon Disulfide
Concen: 16.559 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

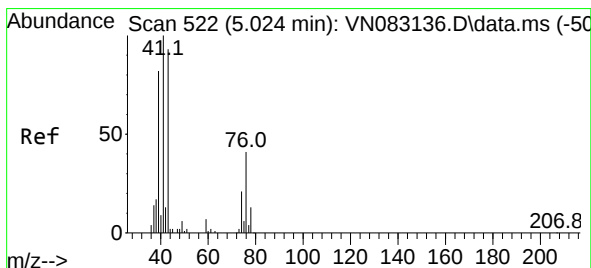
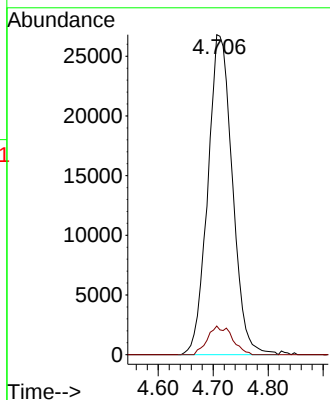
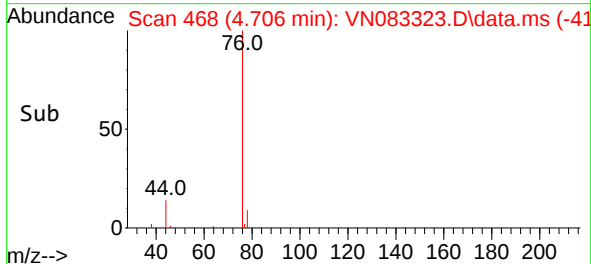
Instrument :
MSVOA_N
Client Sample Id :
VN0815WBS01



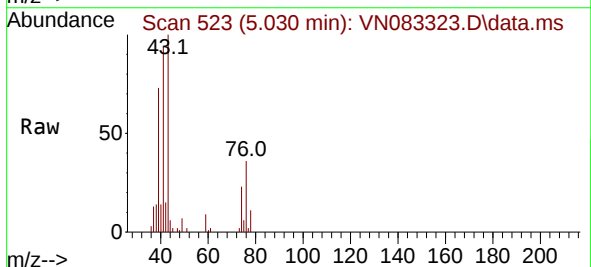
Tgt Ion: 76 Resp: 83338
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

Manual Integrations
APPROVED

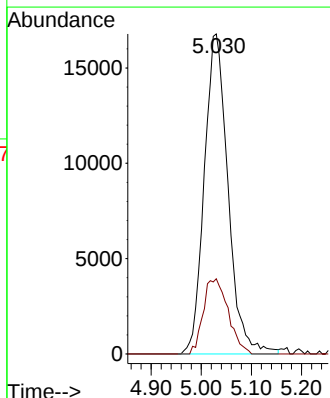
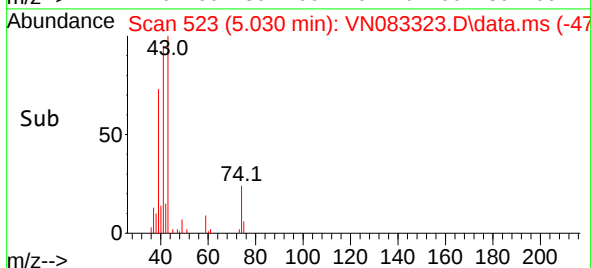
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#18
Methyl Acetate
Concen: 21.450 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48



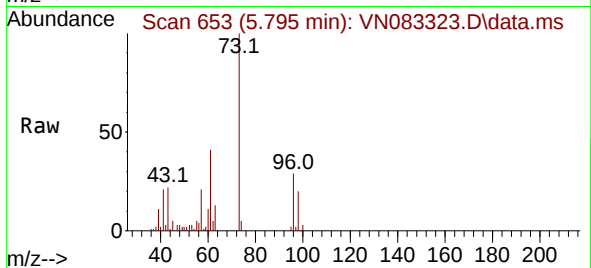
Tgt Ion: 43 Resp: 55231
Ion Ratio Lower Upper
43 100
74 24.6 16.3 24.5#





#19
Methyl tert-butyl Ether
Concen: 20.550 ug/l
RT: 5.795 min Scan# 612
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

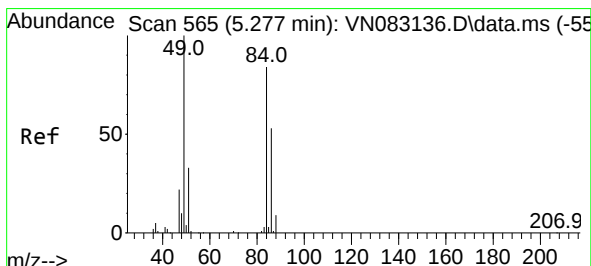
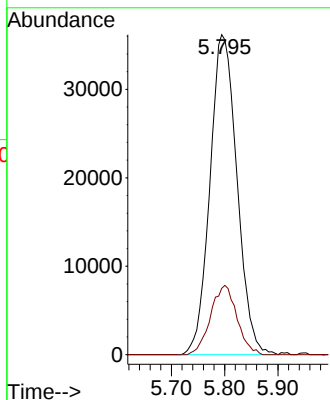
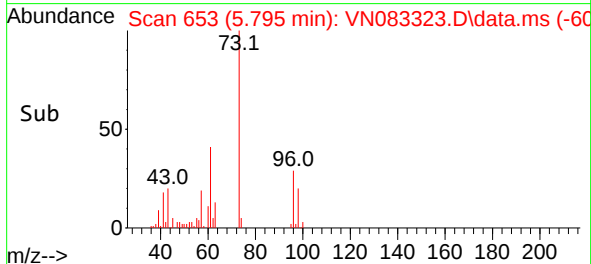
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01



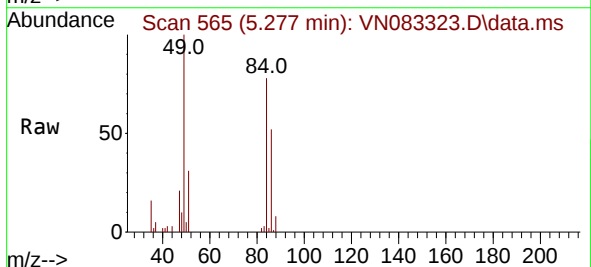
Tgt Ion: 73 Resp: 12758
Ion Ratio Lower Upper
73 100
57 20.7 17.9 26.9

Manual Integrations
APPROVED

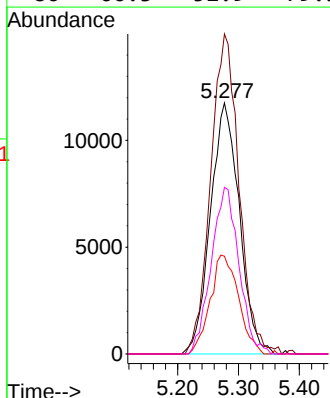
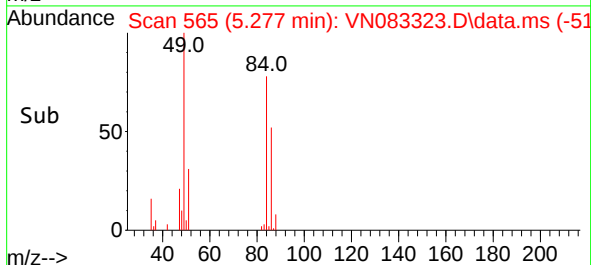
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

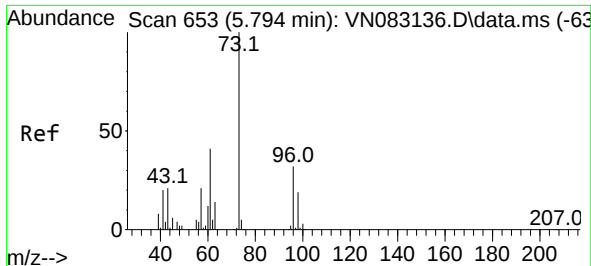


#20
Methylene Chloride
Concen: 19.487 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48



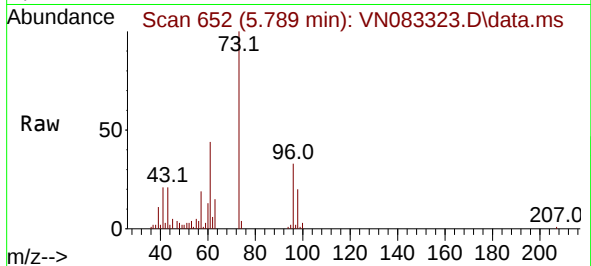
Tgt Ion: 84 Resp: 38759
Ion Ratio Lower Upper
84 100
49 127.5 119.6 179.4
51 39.0 34.8 52.2
86 66.3 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 19.559 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

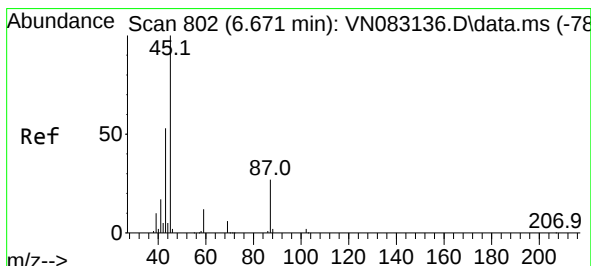
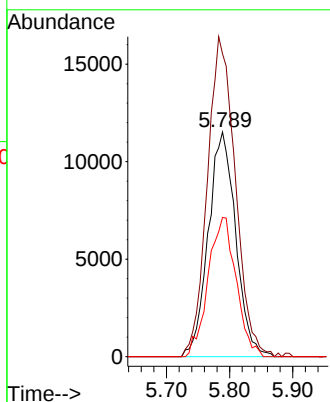
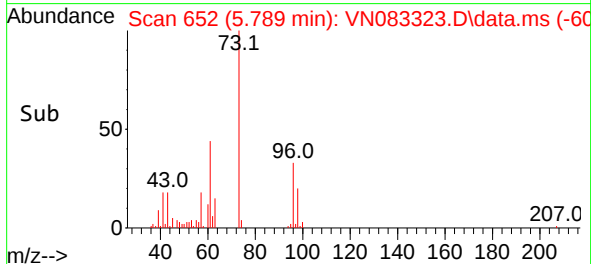
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01



Tgt Ion: 96 Resp: 3477
Ion Ratio Lower Upper
96 100
61 134.9 123.4 185.2
98 62.0 49.3 73.9

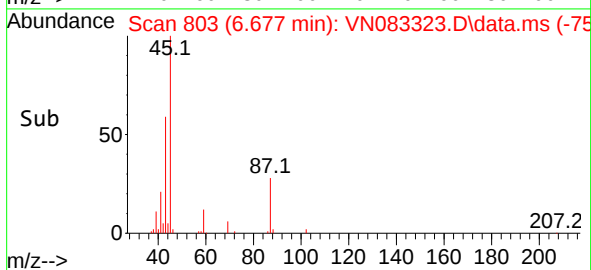
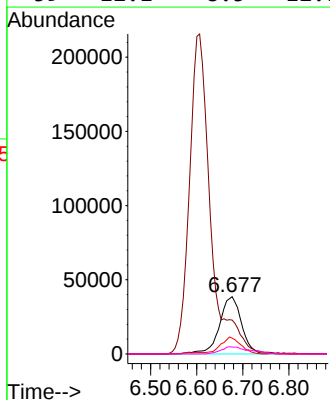
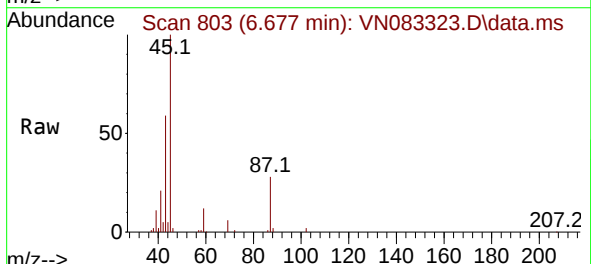
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#22
Diisopropyl ether
Concen: 20.906 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

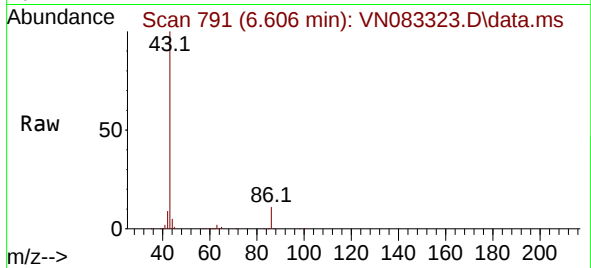
Tgt Ion: 45 Resp: 127735
Ion Ratio Lower Upper
45 100
43 56.9 44.0 66.0
87 27.6 19.7 29.5
59 12.1 8.5 12.7





#23
 Vinyl Acetate
 Concen: 98.701 ug/l m
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN083323.D
 Acq: 15 Aug 2024 11:48

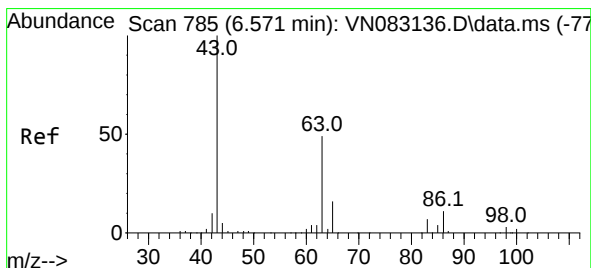
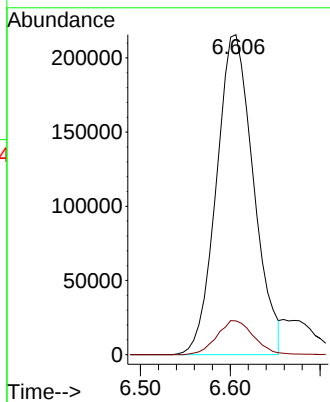
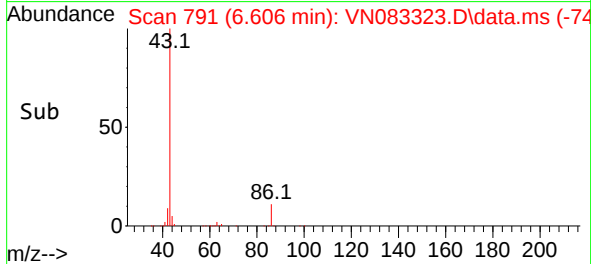
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS01



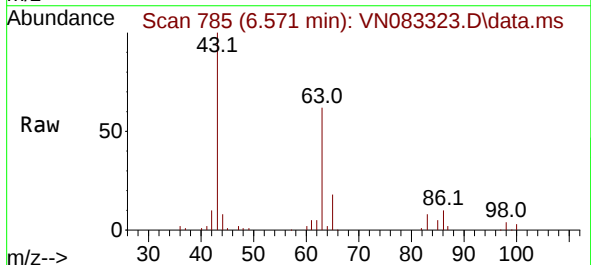
Tgt Ion: 43 Resp: 61813
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.3 10.9

Manual Integrations
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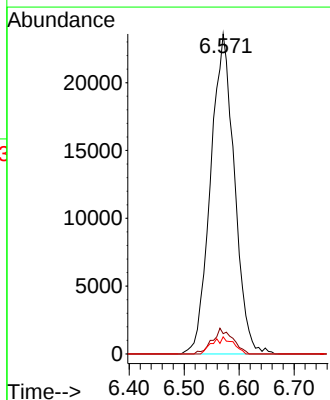
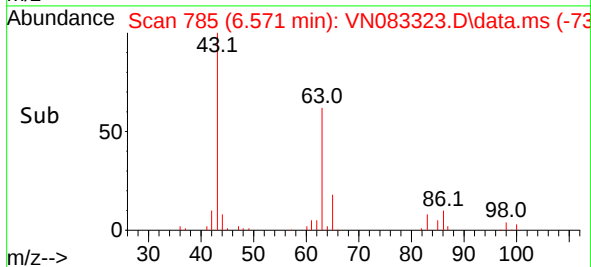
Reviewed By :John Carlone 08/16/2024
 Supervised By :Mahesh Dadoda 08/16/2024

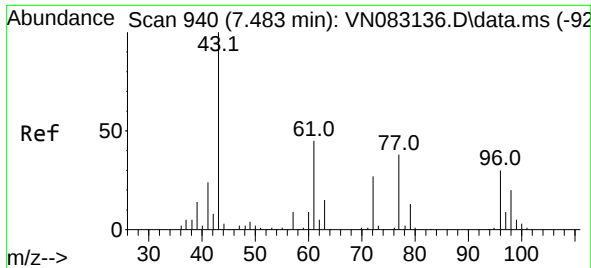


#24
 1,1-Dichloroethane
 Concen: 21.382 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN083323.D
 Acq: 15 Aug 2024 11:48



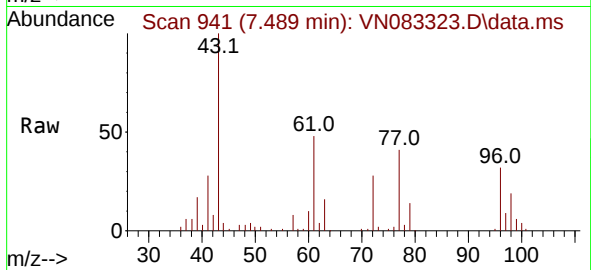
Tgt Ion: 63 Resp: 71210
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 5.3 2.0 6.0





#25
2-Butanone
Concen: 103.223 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

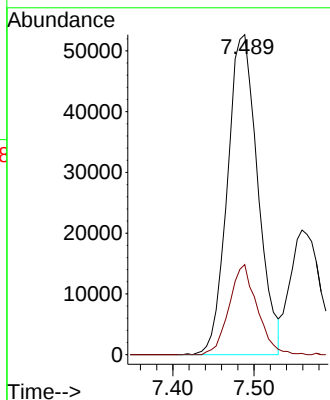
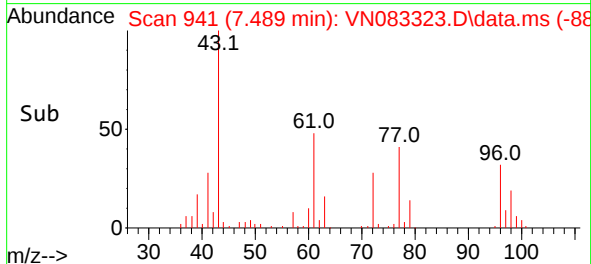
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01



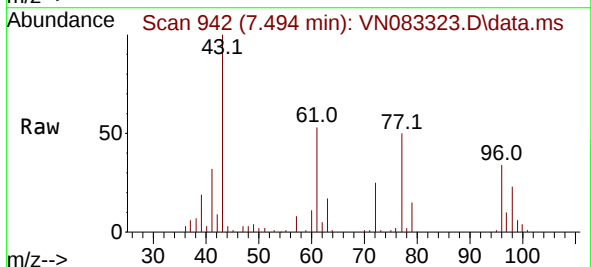
Tgt Ion: 43 Resp: 136970
Ion Ratio Lower Upper
43 100
72 28.2 18.2 27.2

Manual Integrations
APPROVED

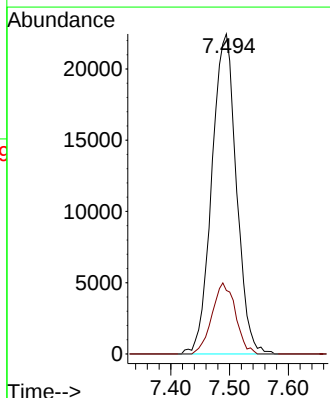
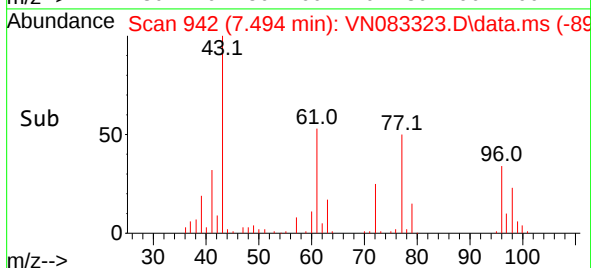
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

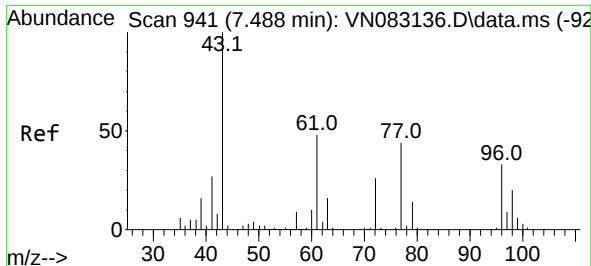


#26
2,2-Dichloropropane
Concen: 21.042 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48



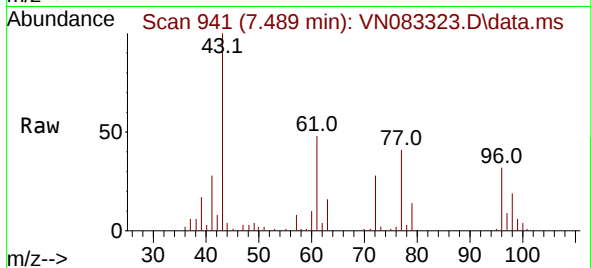
Tgt Ion: 77 Resp: 65079
Ion Ratio Lower Upper
77 100
97 21.2 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 20.490 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN083323.D
 Acq: 15 Aug 2024 11:48

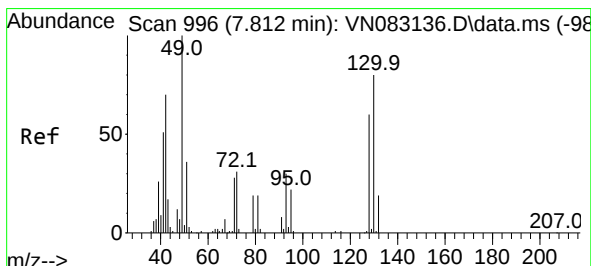
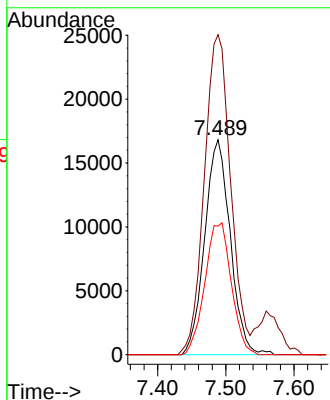
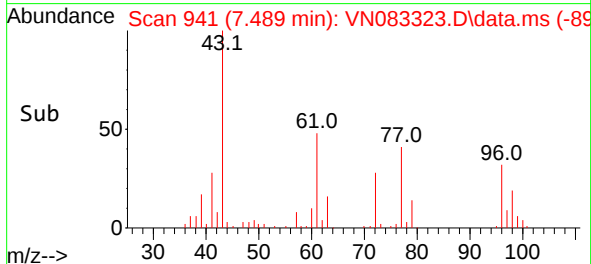
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS01



Tgt Ion: 96 Resp: 43958
 Ion Ratio Lower Upper
 96 100
 61 153.1 0.0 329.6
 98 63.4 0.0 128.6

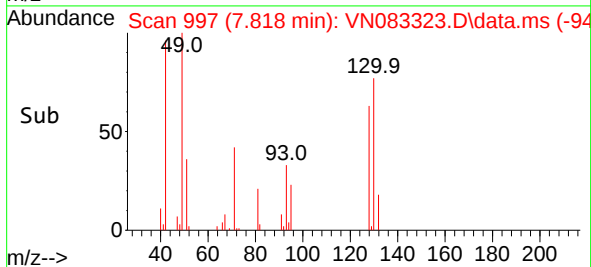
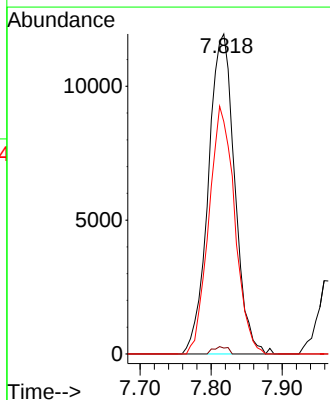
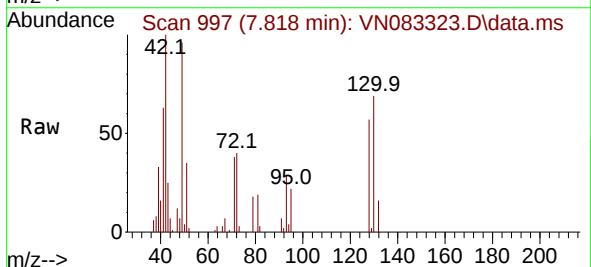
Manual Integrations
 APPROVED

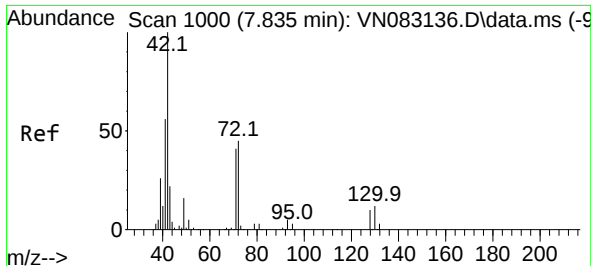
Reviewed By :John Carlone 08/16/2024
 Supervised By :Mahesh Dadoda 08/16/2024



#28
 Bromochloromethane
 Concen: 22.615 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN083323.D
 Acq: 15 Aug 2024 11:48

Tgt Ion: 49 Resp: 30780
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.8
 130 76.0 50.5 75.7#





#29

Tetrahydrofuran

Concen: 102.330 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN083323.D

Acq: 15 Aug 2024 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBS01

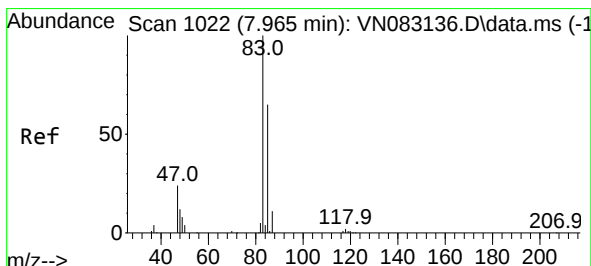
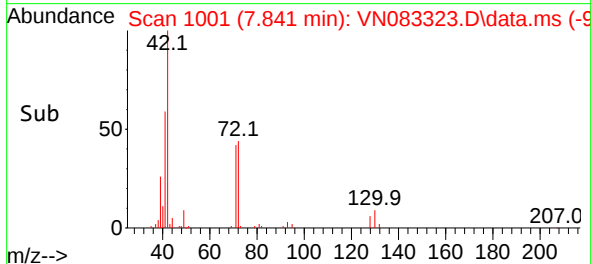
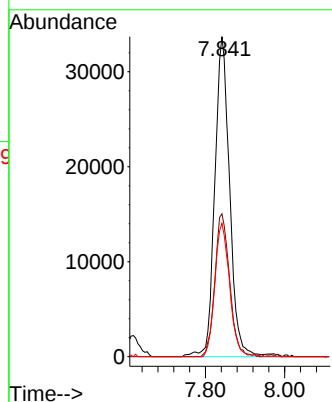
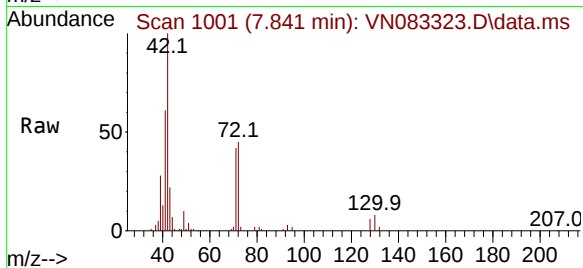
Tgt Ion:	42	Resp:	87780
Ion	Ratio	Lower	Upper
42	100		
72	44.4	30.0	45.0
71	41.3	28.3	42.5

Manual Integrations

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Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#30

Chloroform

Concen: 22.009 ug/l

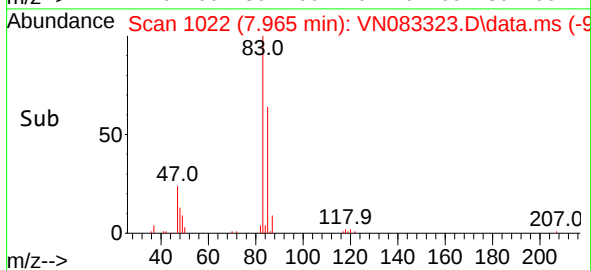
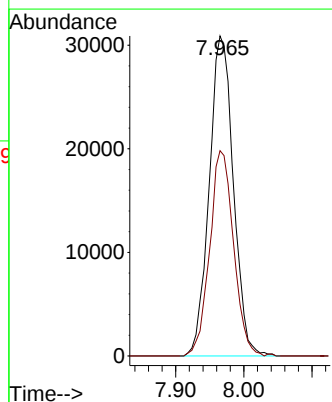
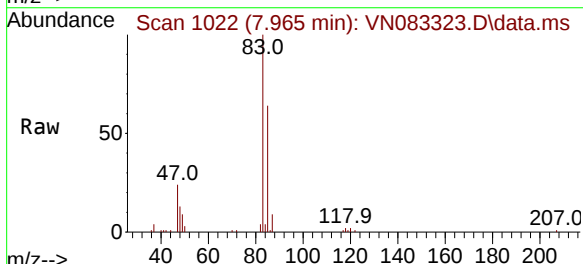
RT: 7.965 min Scan# 1022

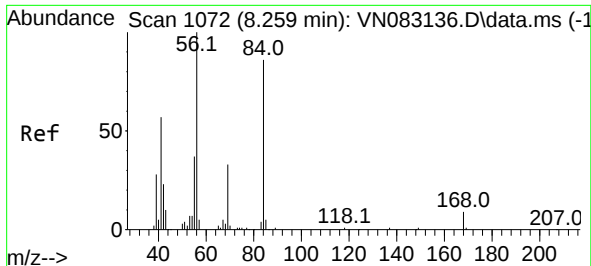
Delta R.T. 0.000 min

Lab File: VN083323.D

Acq: 15 Aug 2024 11:48

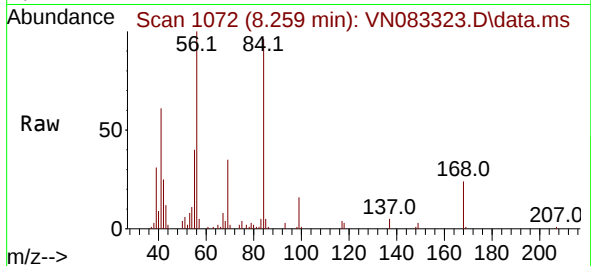
Tgt Ion:	83	Resp:	76151
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.9	76.3





#31
Cyclohexane
Concen: 18.392 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

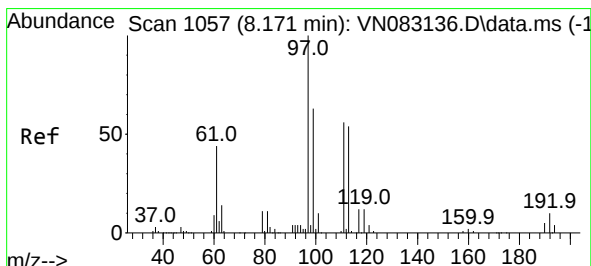
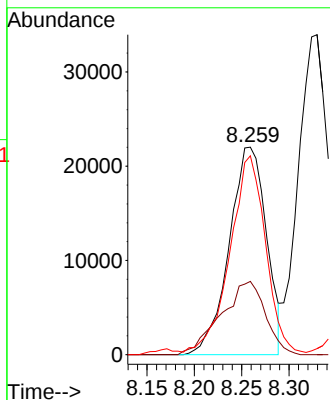
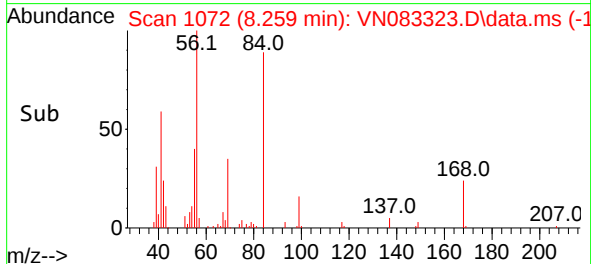
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01



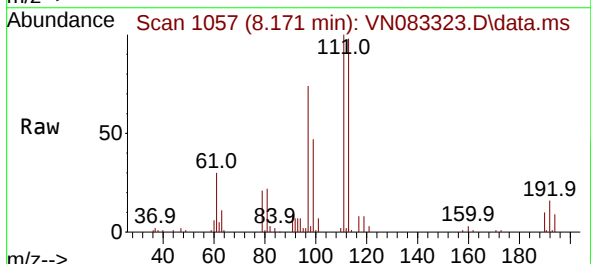
Tgt Ion: 56 Resp: 60198
Ion Ratio Lower Upper
56 100
69 35.3 24.5 36.7
84 94.2 66.0 99.0

Manual Integrations
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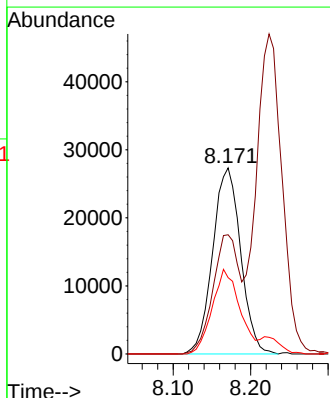
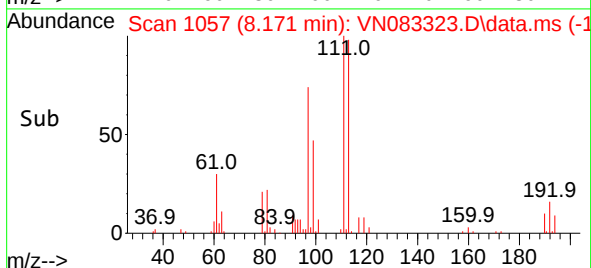
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#32
1,1,1-Trichloroethane
Concen: 20.979 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48



Tgt Ion: 97 Resp: 68708
Ion Ratio Lower Upper
97 100
99 59.5 52.0 78.0
61 45.8 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 56.344 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083323.D

Acq: 15 Aug 2024 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBS01

Tgt Ion: 65 Resp: 12444

Ion Ratio Lower Upper

65 100

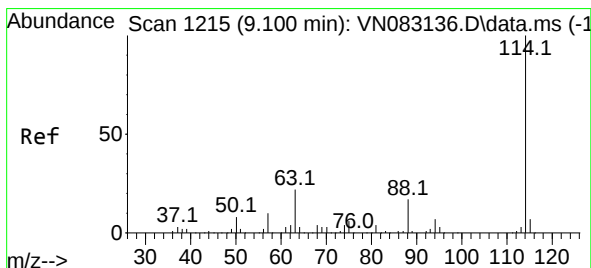
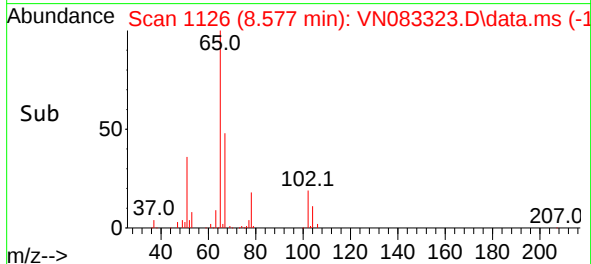
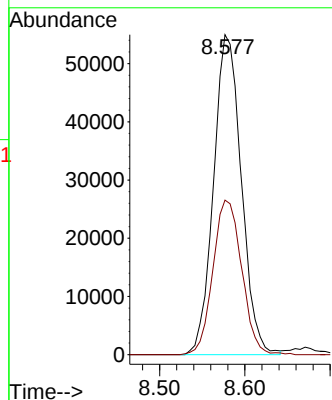
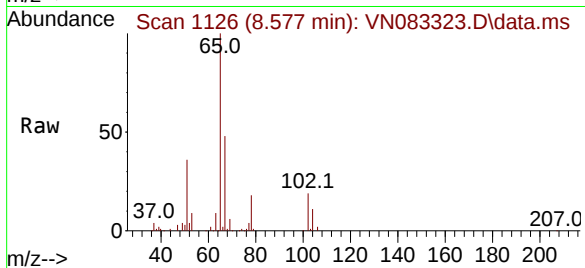
67 50.0 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083323.D

Acq: 15 Aug 2024 11:48

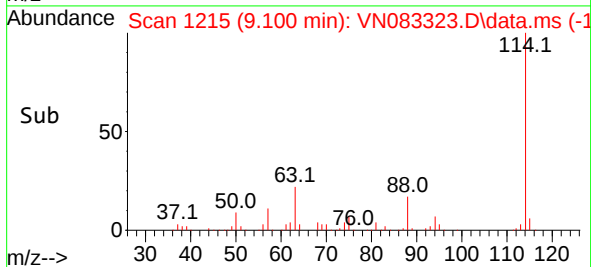
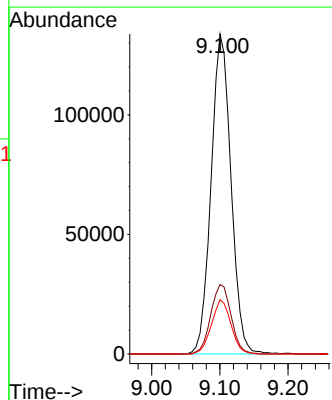
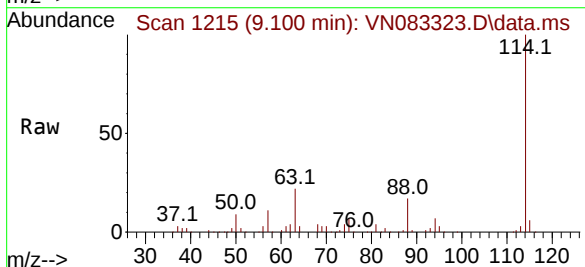
Tgt Ion:114 Resp: 272112

Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.6

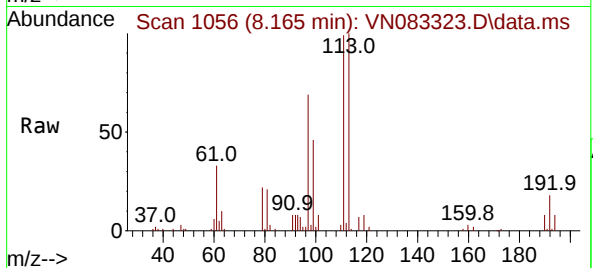
88 17.0 0.0 31.4





#35
Dibromofluoromethane
Concen: 53.162 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

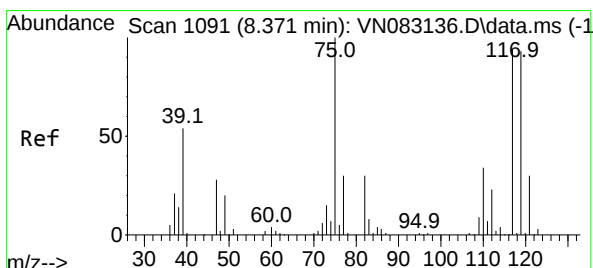
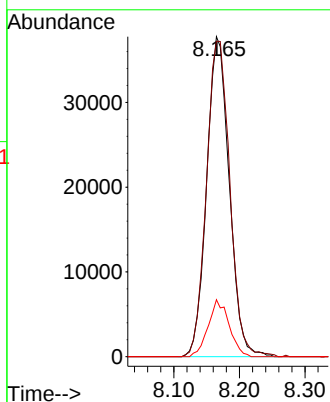
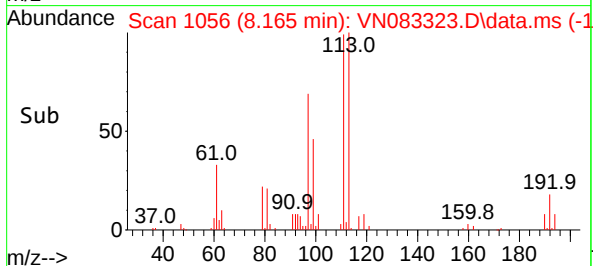
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01



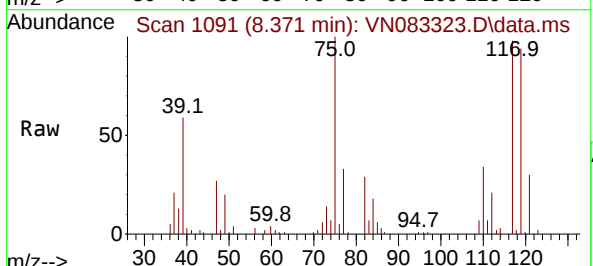
Tgt Ion: 113 Resp: 9029
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 16.5 14.9 22.3

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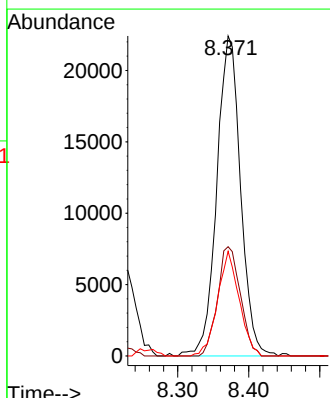
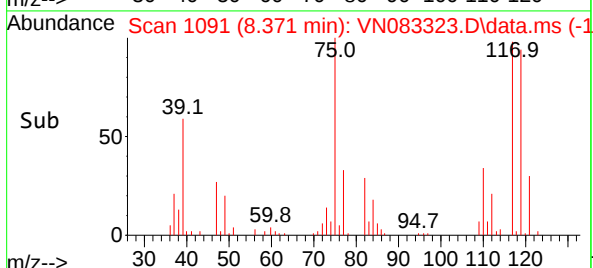
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#36
1,1-Dichloropropene
Concen: 20.235 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48



Tgt Ion: 75 Resp: 51991
Ion Ratio Lower Upper
75 100
110 32.8 16.3 48.9
77 29.9 24.6 37.0





#37

Ethyl Acetate

Concen: 18.819 ug/l

RT: 7.559 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN083323.D

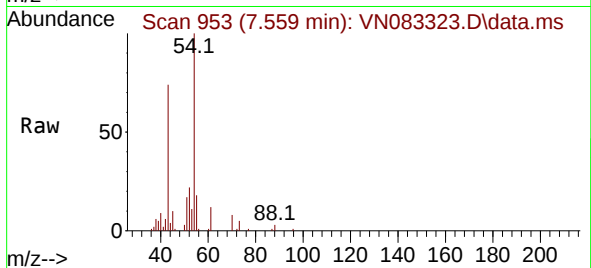
Acq: 15 Aug 2024 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBS01



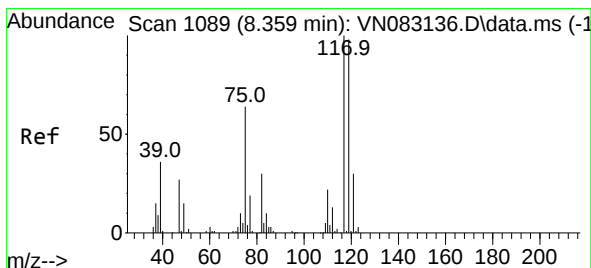
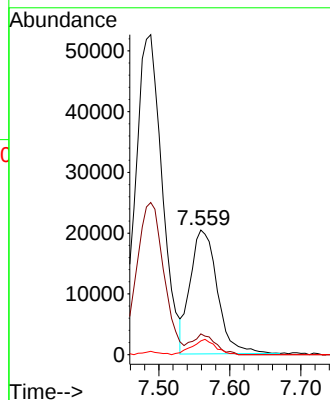
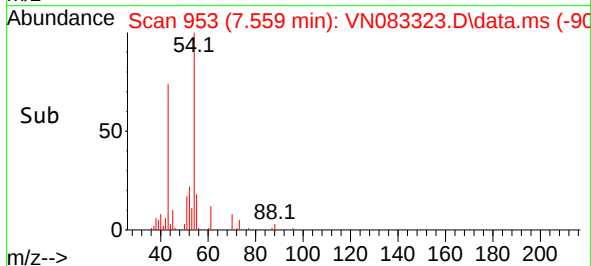
Tgt Ion:	43	Resp:	54139
Ion	Ratio	Lower	Upper
43	100		
61	14.4	9.3	13.9
70	10.7	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#38

Carbon Tetrachloride

Concen: 20.263 ug/l

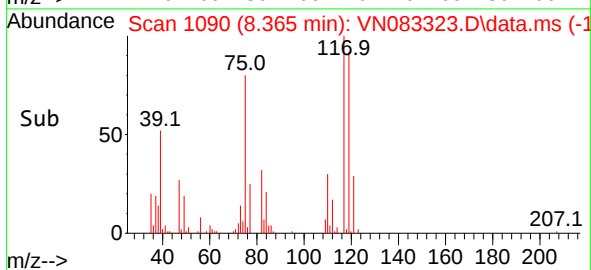
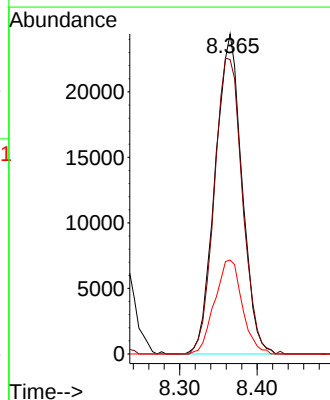
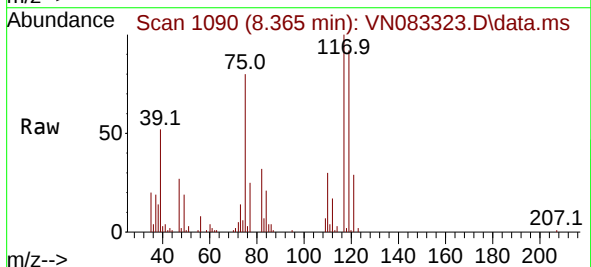
RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN083323.D

Acq: 15 Aug 2024 11:48

Tgt Ion:	117	Resp:	58637
Ion	Ratio	Lower	Upper
117	100		
119	92.0	74.9	112.3
121	29.3	24.3	36.5





#39

Methylcyclohexane

Concen: 18.659 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN083323.D

Acq: 15 Aug 2024 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBS01

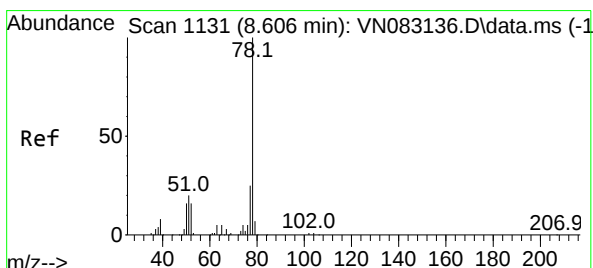
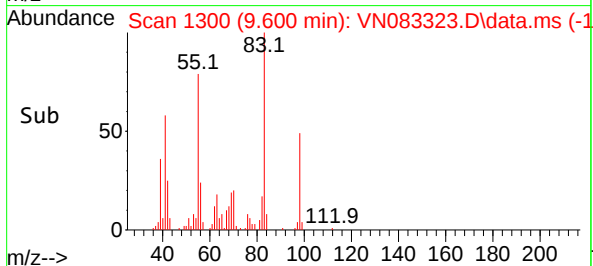
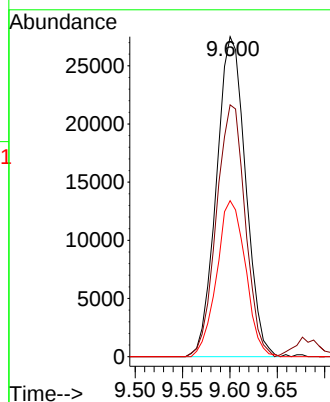
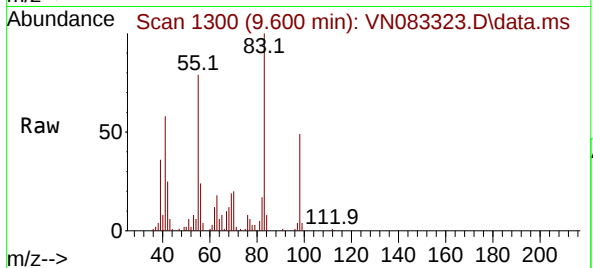
Tgt Ion:	83	Resp:	5888
Ion Ratio	Lower	Upper	
83	100		
55	78.7	66.4	99.6
98	48.7	40.7	61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#40

Benzene

Concen: 20.362 ug/l

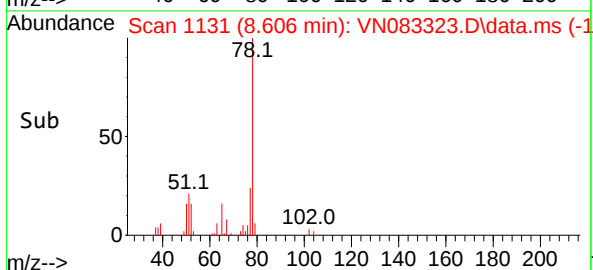
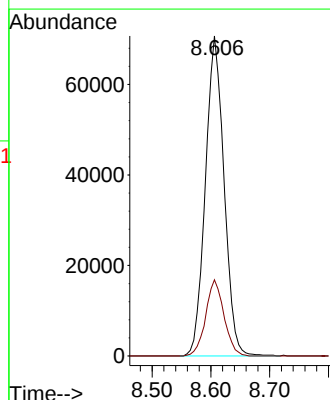
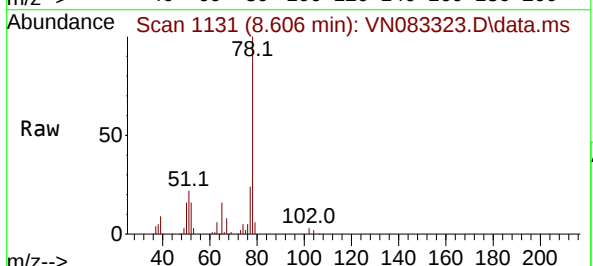
RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN083323.D

Acq: 15 Aug 2024 11:48

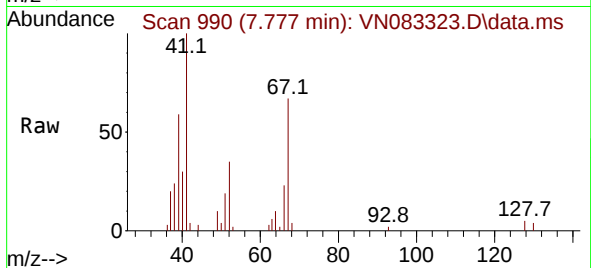
Tgt Ion:	78	Resp:	155855
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.0	28.4





#41
Methacrylonitrile
Concen: 18.339 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

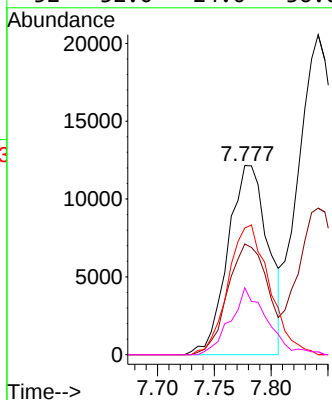
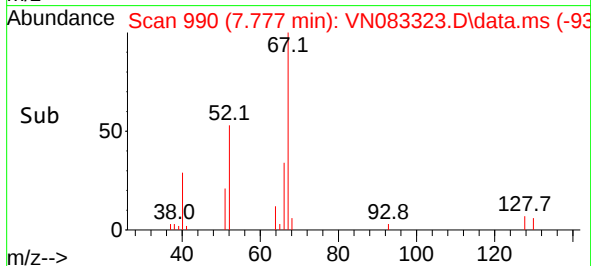
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01



Tgt Ion:	41	Resp:	2999
Ion Ratio	100	Lower	Upper
39	57.9	45.5	68.3
67	70.5	50.5	75.7
52	32.0	24.0	36.0

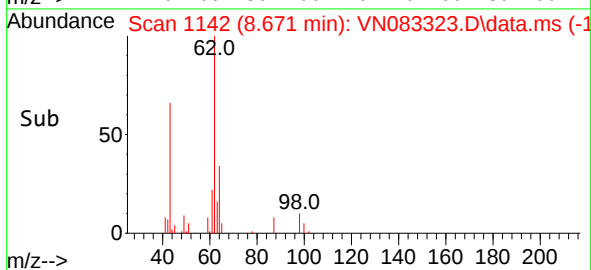
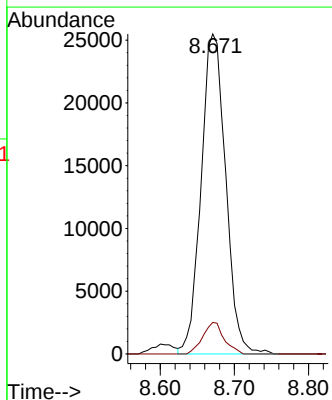
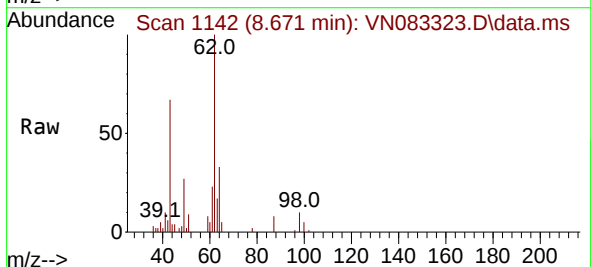
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#42
1,2-Dichloroethane
Concen: 21.090 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

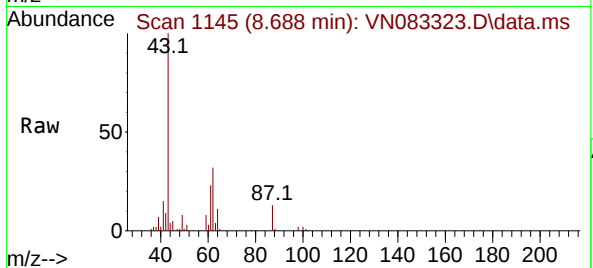
Tgt Ion:	62	Resp:	58803
Ion Ratio	100	Lower	Upper
98	8.5	0.0	15.8





#43
Isopropyl Acetate
Concen: 17.883 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

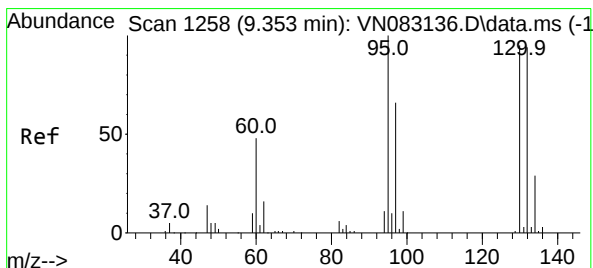
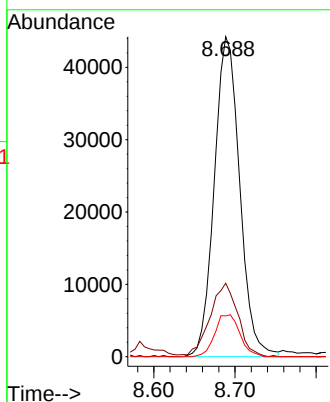
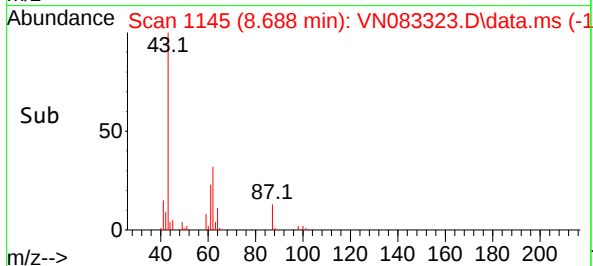
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01



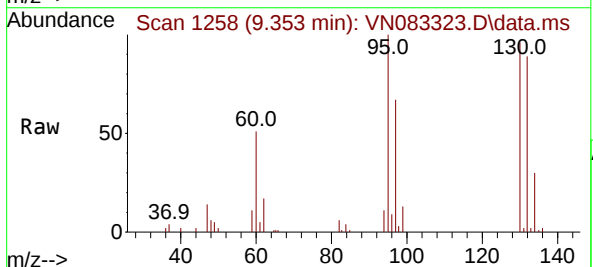
Tgt Ion: 43 Resp: 96372
Ion Ratio Lower Upper
43 100
61 25.3 17.8 26.6
87 12.9 8.2 12.2

Manual Integrations
APPROVED

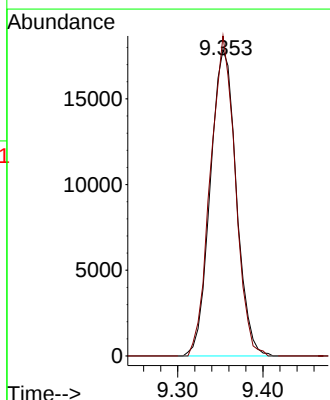
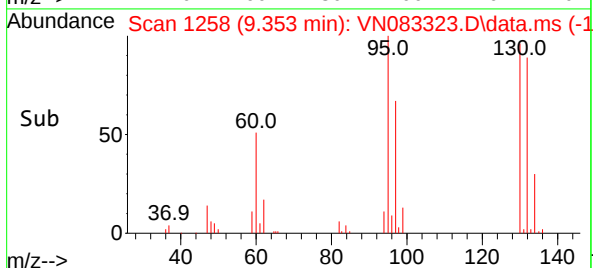
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

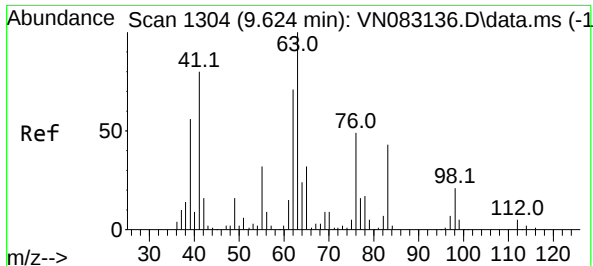


#44
Trichloroethene
Concen: 20.788 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48



Tgt Ion:130 Resp: 37873
Ion Ratio Lower Upper
130 100
95 104.4 0.0 197.8





#45

1,2-Dichloropropane

Concen: 20.982 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN083323.D

Acq: 15 Aug 2024 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBS01

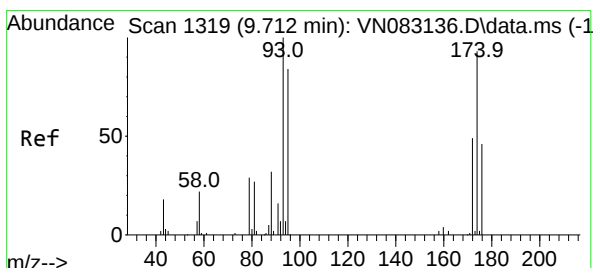
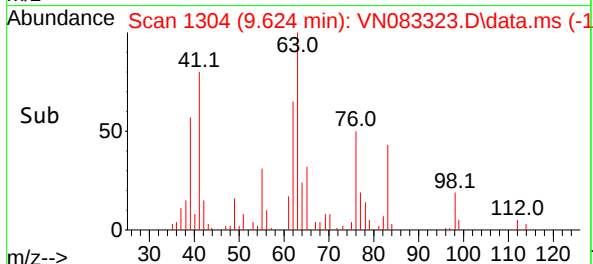
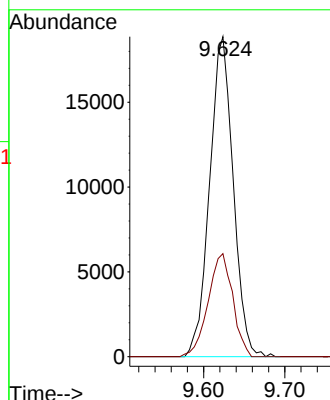
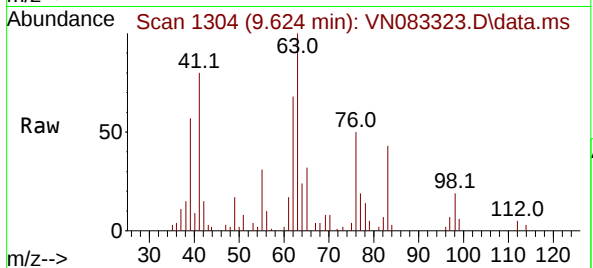
Tgt Ion: 63 Resp: 3812
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#46

Dibromomethane

Concen: 21.520 ug/l

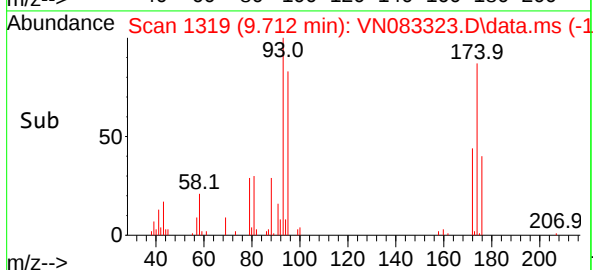
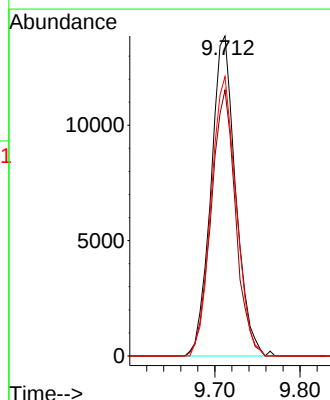
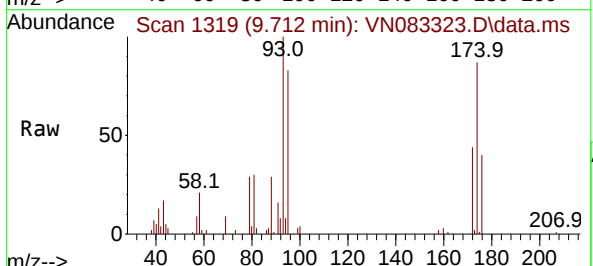
RT: 9.712 min Scan# 1319

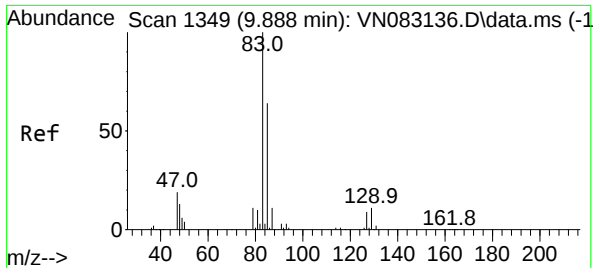
Delta R.T. 0.000 min

Lab File: VN083323.D

Acq: 15 Aug 2024 11:48

Tgt Ion: 93 Resp: 27986
 Ion Ratio Lower Upper
 93 100
 95 82.1 65.8 98.6
 174 88.1 71.7 107.5





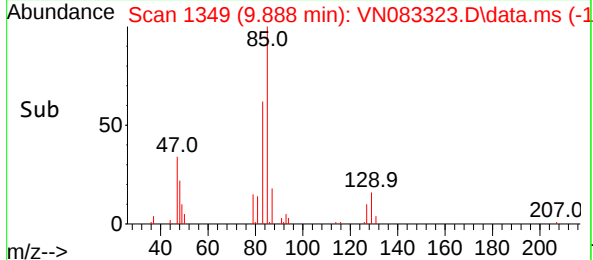
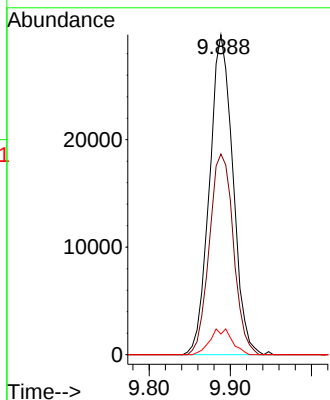
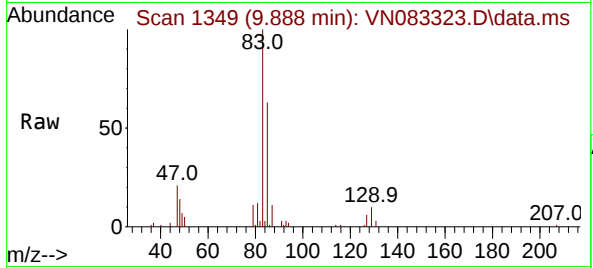
#47
Bromodichloromethane
Concen: 20.433 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01

Tgt Ion: 83 Resp: 5964
Ion Ratio Lower Upper
83 100
85 62.7 51.1 76.7
127 6.5 7.2 10.8

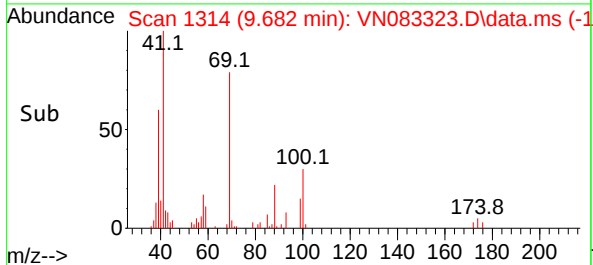
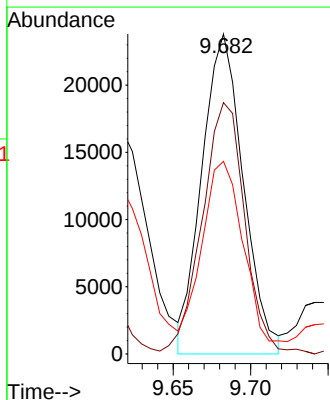
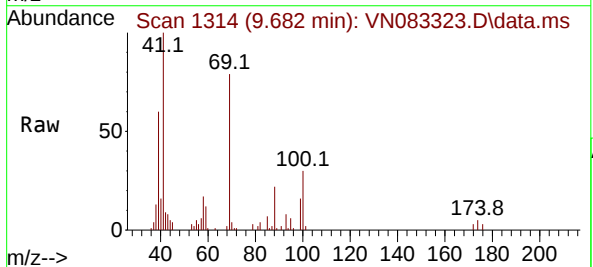
Manual Integrations
APPROVED

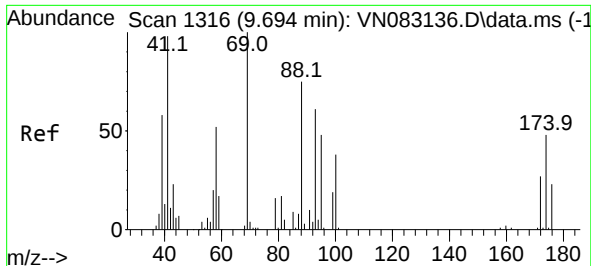
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#48
Methyl methacrylate
Concen: 18.586 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

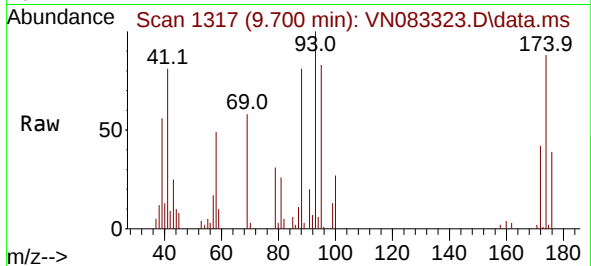
Tgt Ion: 41 Resp: 44204
Ion Ratio Lower Upper
41 100
69 81.0 56.3 84.5
39 62.6 50.3 75.5





#49
1,4-Dioxane
Concen: 399.134 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

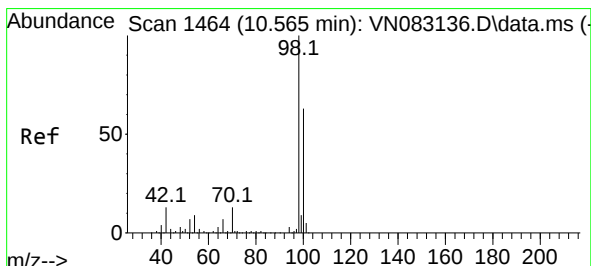
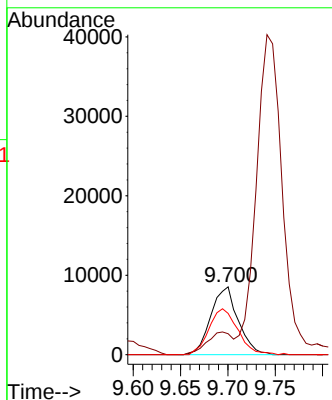
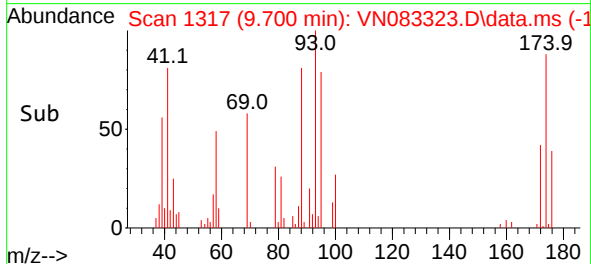
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01



Tgt Ion: 88 Resp: 17120
Ion Ratio Lower Upper
88 100
43 31.3 27.8 41.8
58 71.9 59.4 89.0

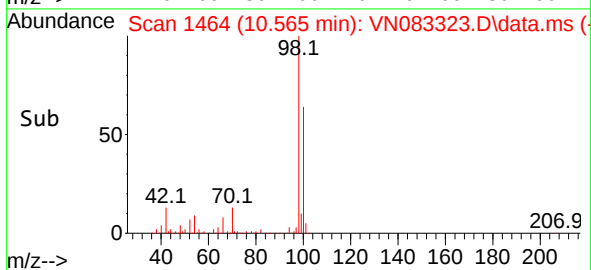
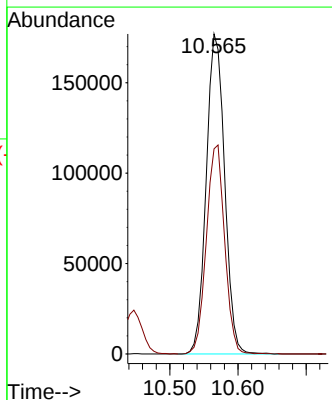
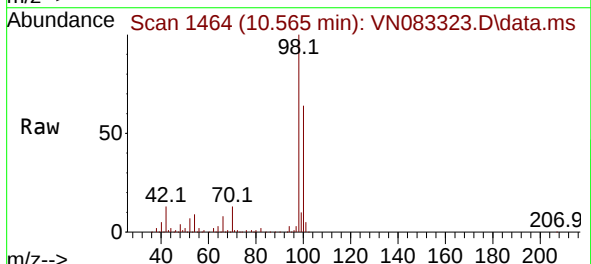
Manual Integrations
APPROVED

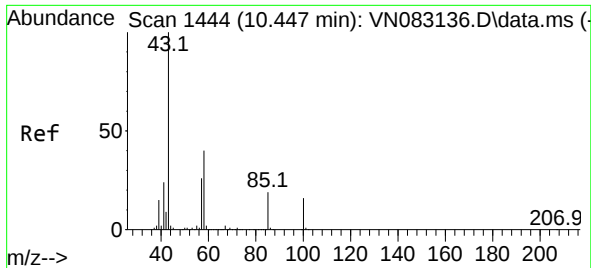
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#50
Toluene-d8
Concen: 52.454 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

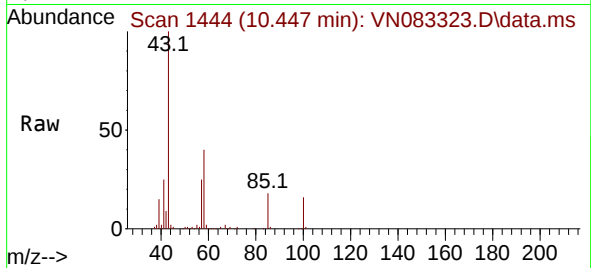
Tgt Ion: 98 Resp: 332332
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 103.950 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

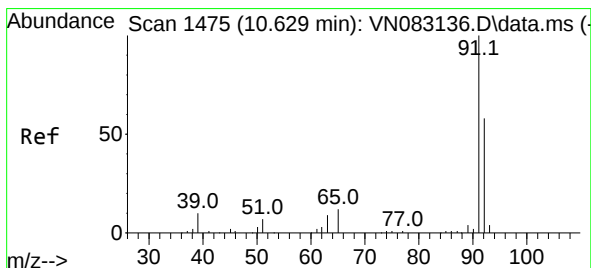
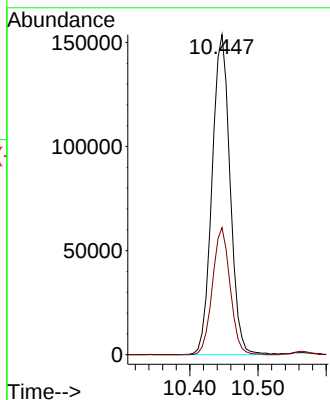
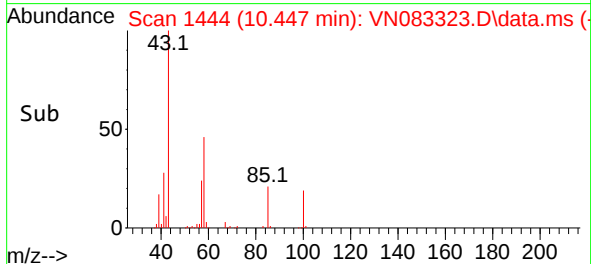
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01



Tgt Ion: 43 Resp: 282784
Ion Ratio Lower Upper
43 100
58 38.9 28.2 42.4

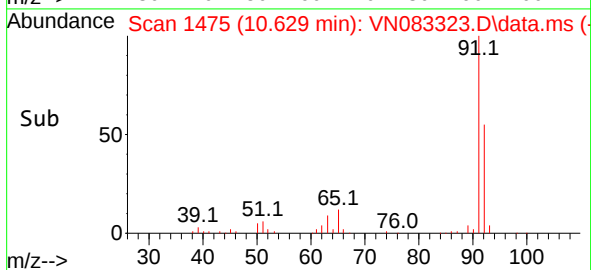
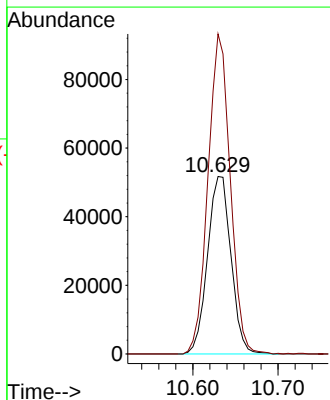
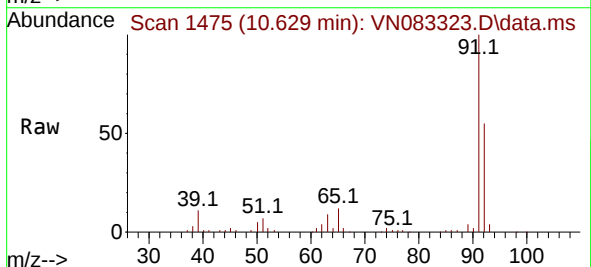
Manual Integrations
APPROVED

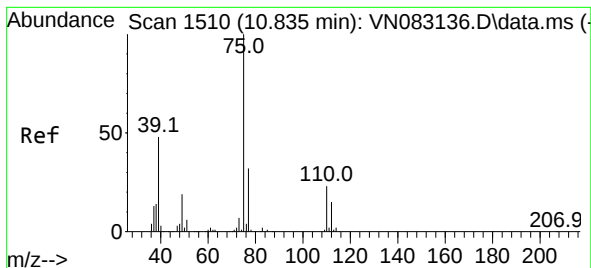
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#52
Toluene
Concen: 20.467 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

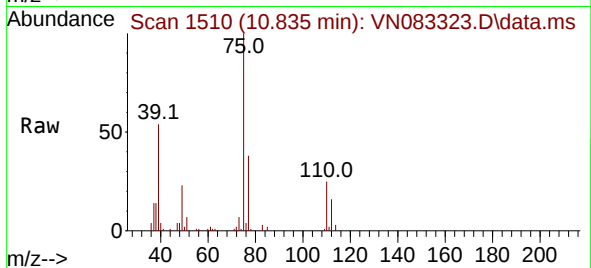
Tgt Ion: 92 Resp: 98980
Ion Ratio Lower Upper
92 100
91 171.3 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 19.998 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

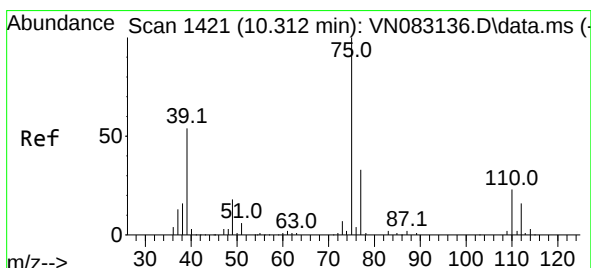
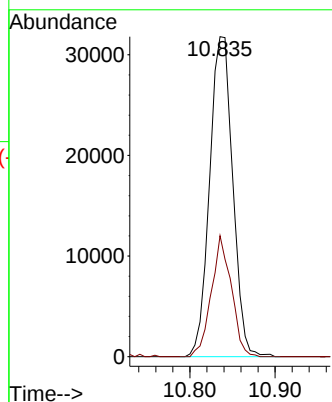
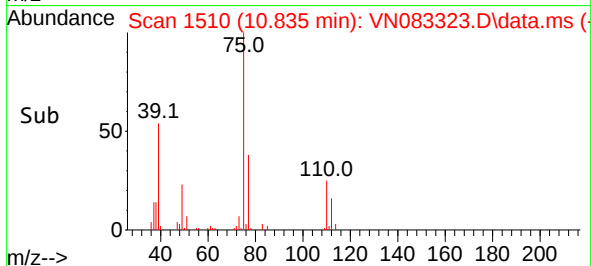
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01



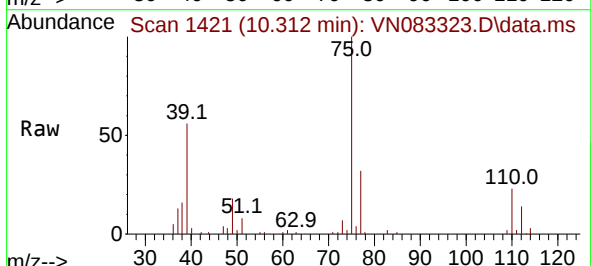
Tgt Ion: 75 Resp: 5998
Ion Ratio Lower Upper
75 100
77 37.8 25.7 38.5

Manual Integrations
APPROVED

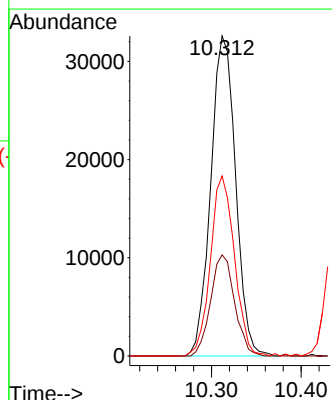
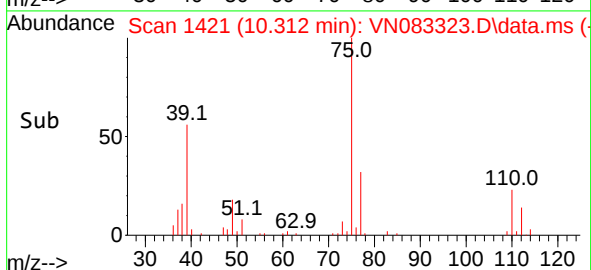
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

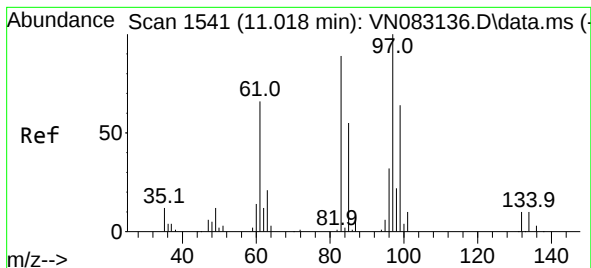


#54
cis-1,3-Dichloropropene
Concen: 19.639 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48



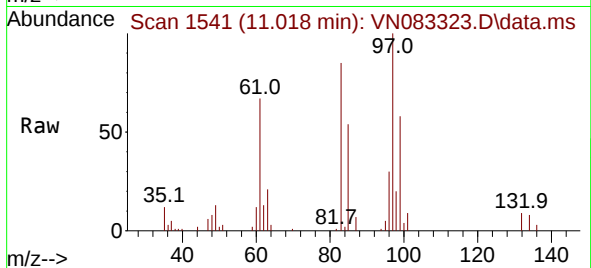
Tgt Ion: 75 Resp: 62653
Ion Ratio Lower Upper
75 100
77 31.6 24.3 36.5
39 56.3 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 22.039 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

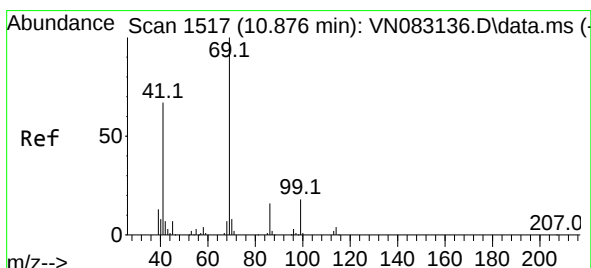
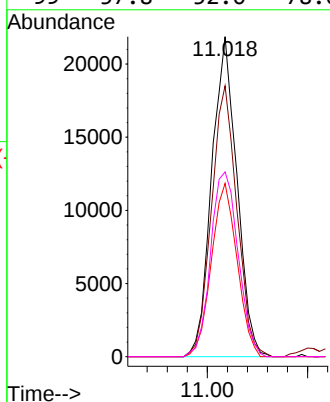
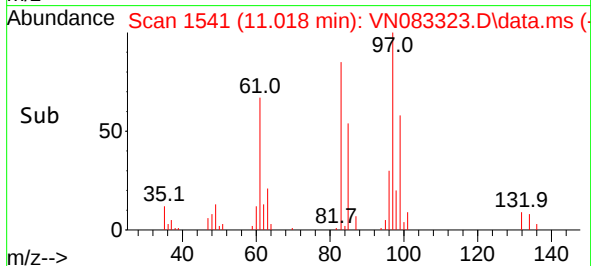
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01



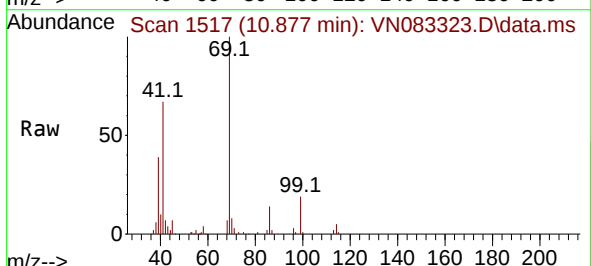
Tgt Ion:	97	Resp:	3819
Ion Ratio	100	Lower	Upper
97	100		
83	84.7	71.4	107.0
85	54.1	45.8	68.6
99	57.8	52.0	78.0

Manual Integrations
APPROVED

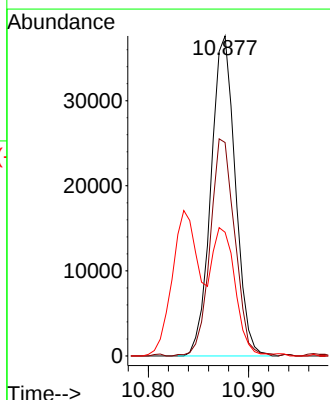
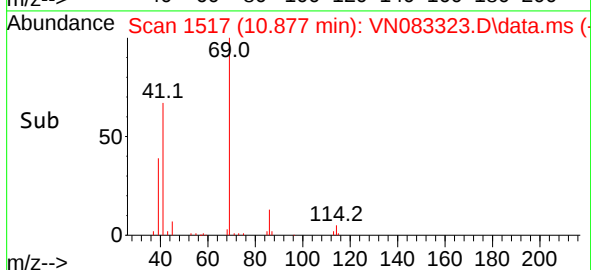
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

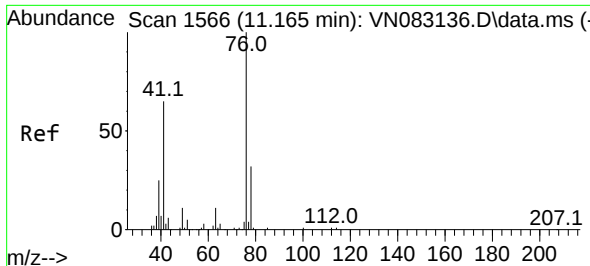


#56
Ethyl methacrylate
Concen: 19.457 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48



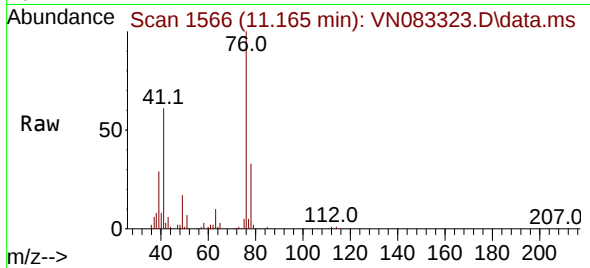
Tgt Ion:	69	Resp:	63570
Ion Ratio	100	Lower	Upper
69	100		
41	68.4	63.4	95.2
39	37.2	37.4	56.0





#57
1,3-Dichloropropane
Concen: 21.356 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

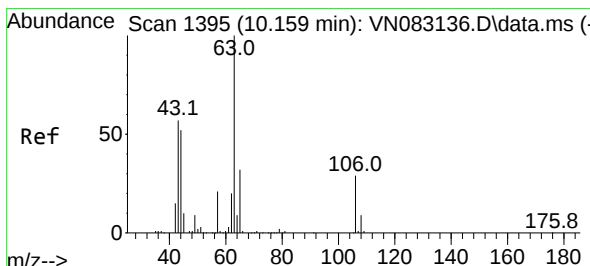
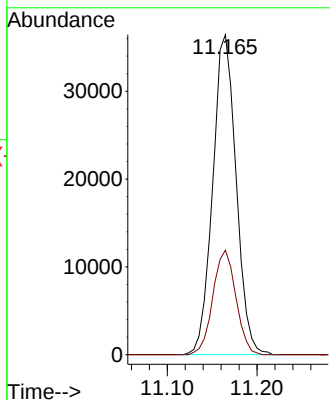
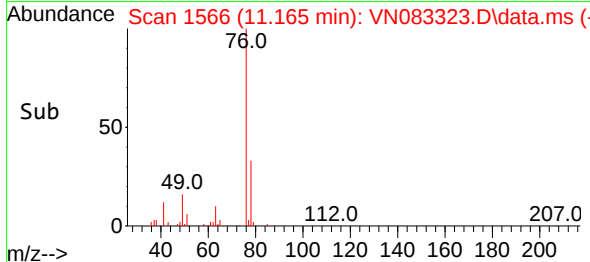
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01



Tgt Ion: 76 Resp: 65972
Ion Ratio Lower Upper
76 100
78 32.1 25.6 38.4

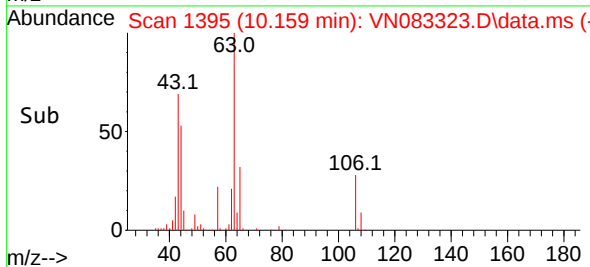
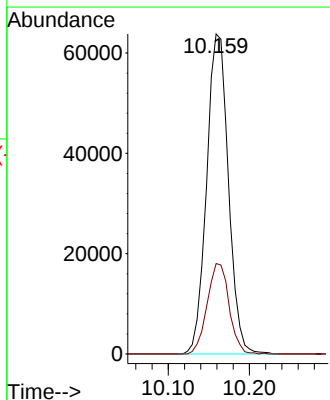
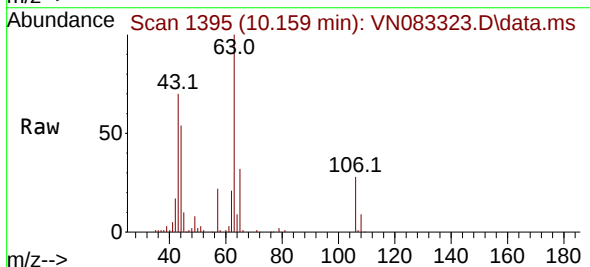
Manual Integrations
APPROVED

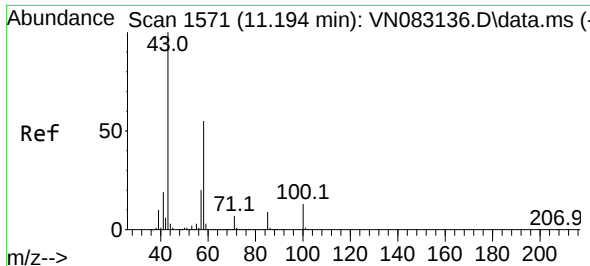
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#58
2-Chloroethyl Vinyl ether
Concen: 86.048 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

Tgt Ion: 63 Resp: 118838
Ion Ratio Lower Upper
63 100
106 28.4 21.4 32.0





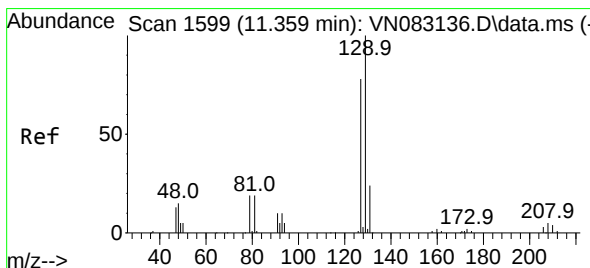
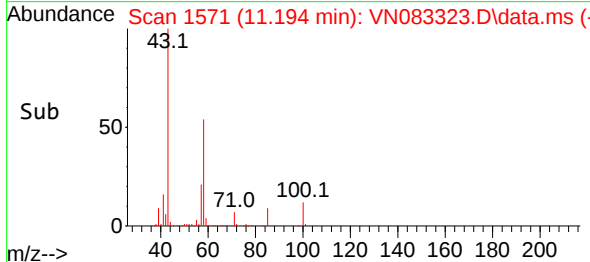
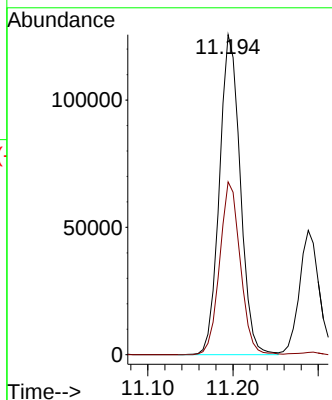
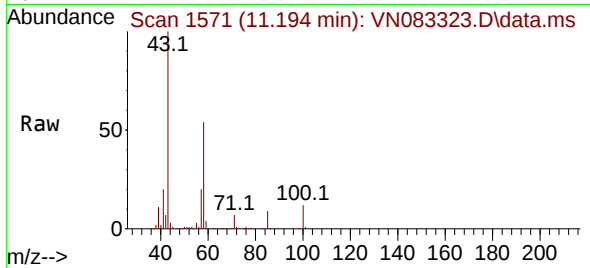
#59
2-Hexanone
Concen: 101.352 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01

Tgt Ion: 43 Resp: 213304
Ion Ratio Lower Upper
43 100
58 53.4 24.6 73.8

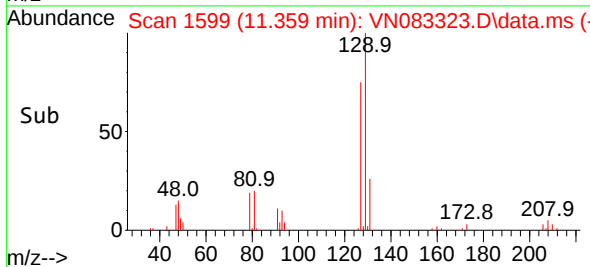
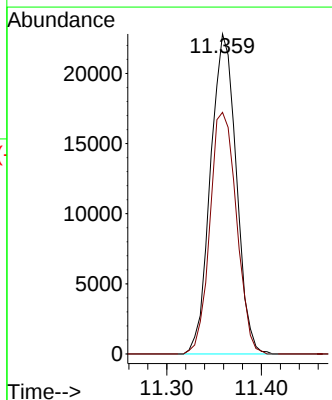
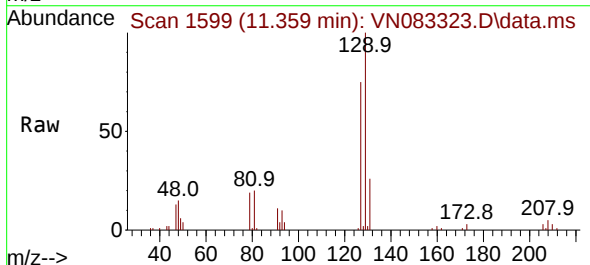
Manual Integrations
APPROVED

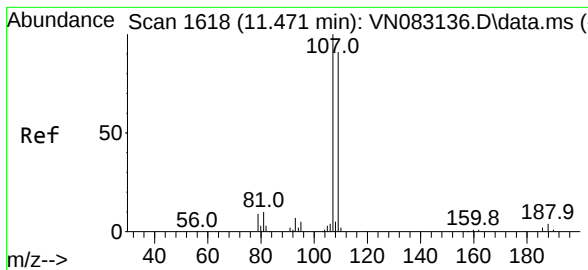
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#60
Dibromochloromethane
Concen: 20.591 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

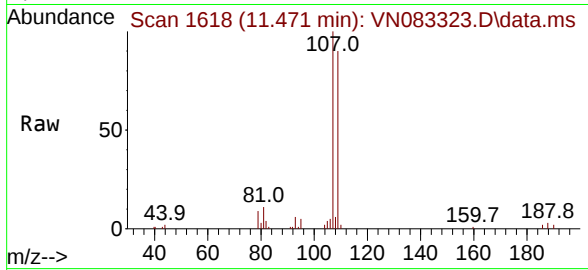
Tgt Ion:129 Resp: 43147
Ion Ratio Lower Upper
129 100
127 77.8 39.2 117.6





#61
1,2-Dibromoethane
Concen: 20.893 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

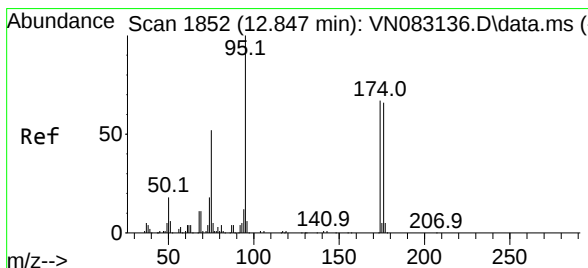
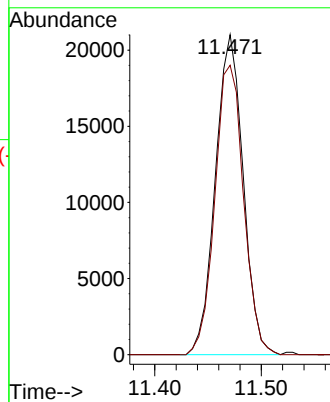
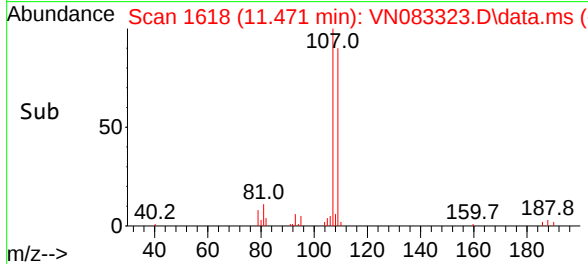
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01



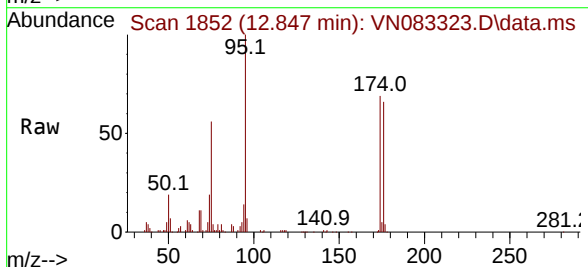
Tgt Ion:107 Resp: 38039
Ion Ratio Lower Upper
107 100
109 93.5 73.7 110.5

Manual Integrations
APPROVED

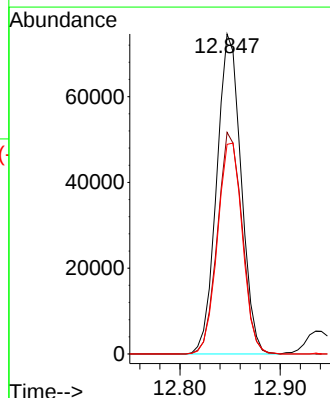
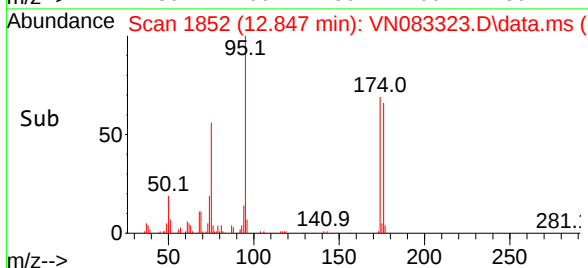
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

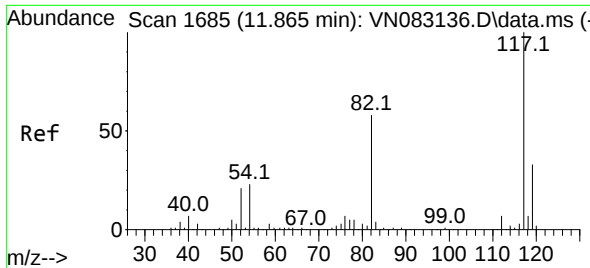


#62
4-Bromofluorobenzene
Concen: 50.973 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48



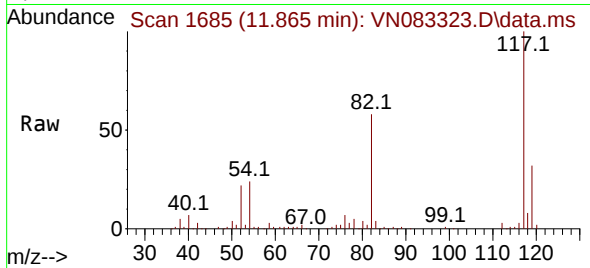
Tgt Ion: 95 Resp: 125903
Ion Ratio Lower Upper
95 100
174 70.0 0.0 159.2
176 67.5 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

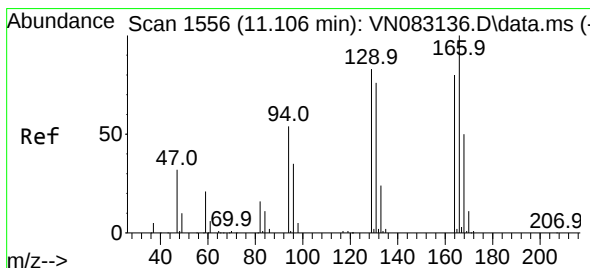
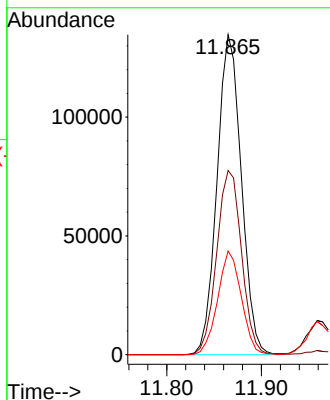
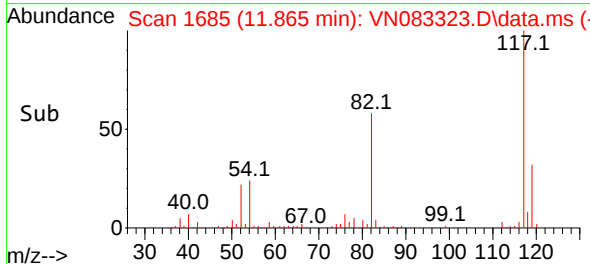
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01



Tgt Ion:117 Resp: 240519
Ion Ratio Lower Upper
117 100
82 57.6 47.5 71.3
119 32.4 25.6 38.4

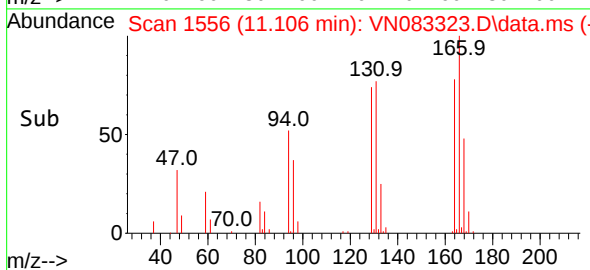
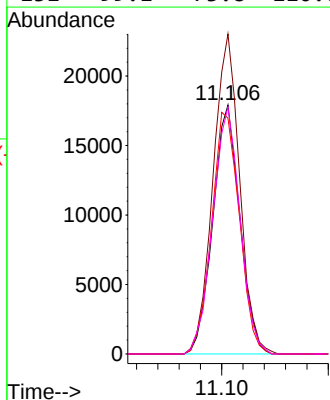
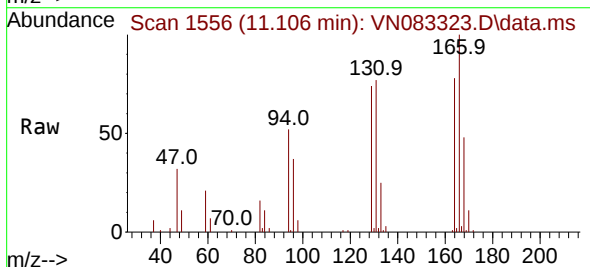
Manual Integrations
APPROVED

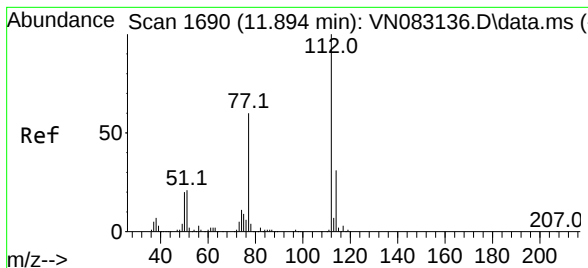
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#64
Tetrachloroethene
Concen: 19.782 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

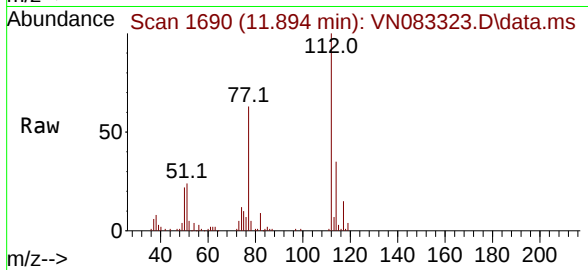
Tgt Ion:164 Resp: 31511
Ion Ratio Lower Upper
164 100
166 128.5 101.4 152.0
129 94.7 75.7 113.5
131 99.1 73.8 110.6





#65
Chlorobenzene
Concen: 19.801 ug/l
RT: 11.894 min Scan# 11894
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

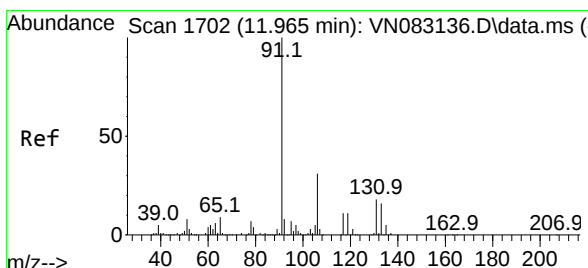
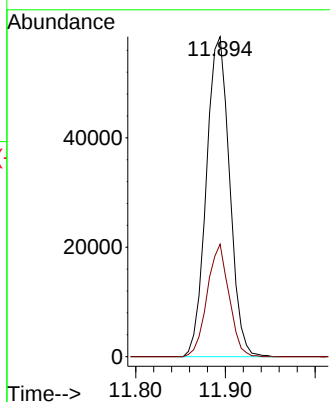
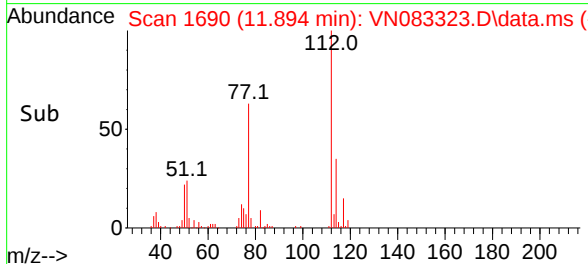
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01



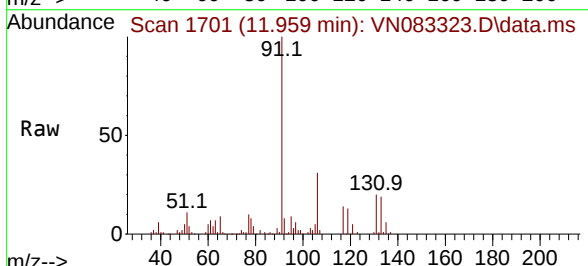
Tgt Ion:112 Resp: 105248
Ion Ratio Lower Upper
112 100
114 35.2 26.2 39.2

Manual Integrations
APPROVED

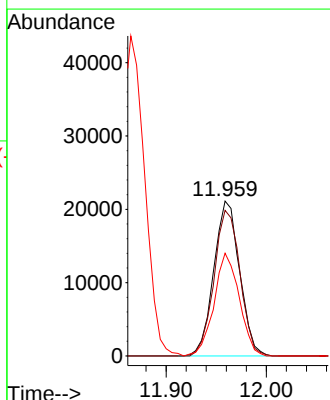
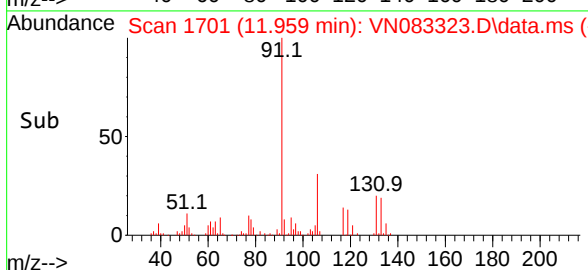
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

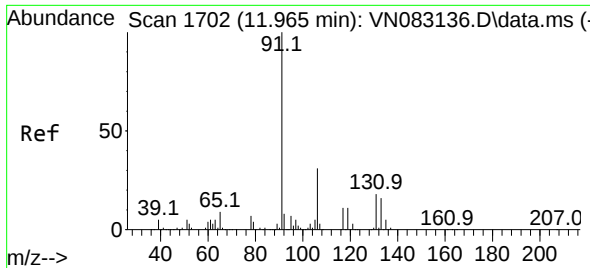


#66
1,1,1,2-Tetrachloroethane
Concen: 20.159 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48



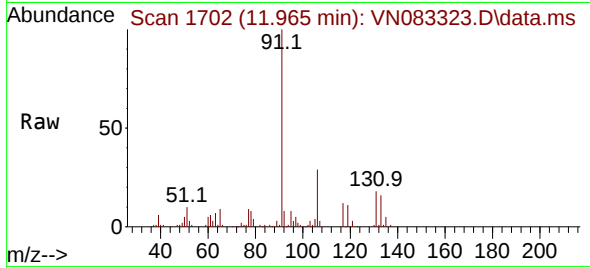
Tgt Ion:131 Resp: 37789
Ion Ratio Lower Upper
131 100
133 94.4 47.3 142.0
119 64.7 32.5 97.4





#67
Ethyl Benzene
Concen: 19.699 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

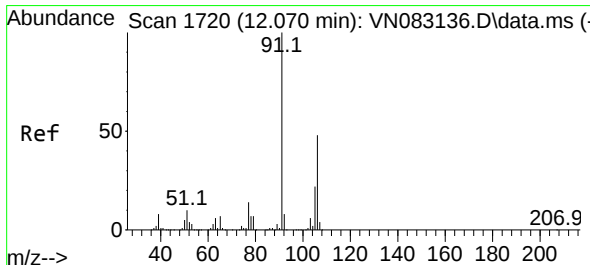
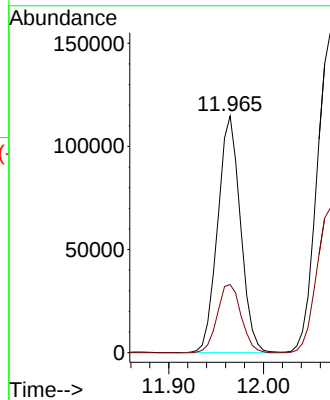
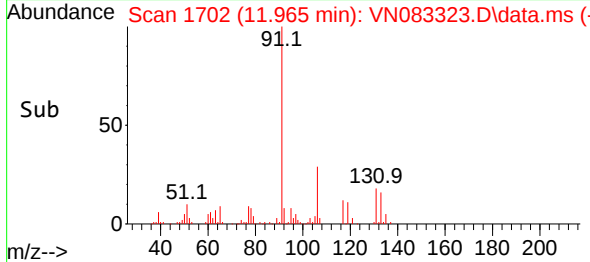
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01



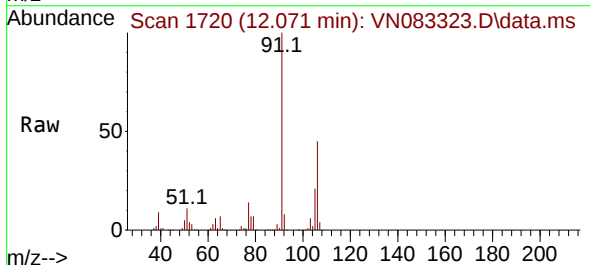
Tgt Ion: 91 Resp: 192072
Ion Ratio Lower Upper
91 100
106 28.8 24.0 36.0

Manual Integrations
APPROVED

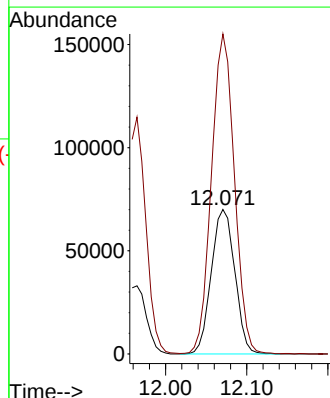
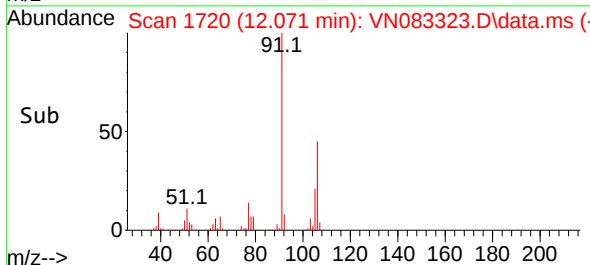
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

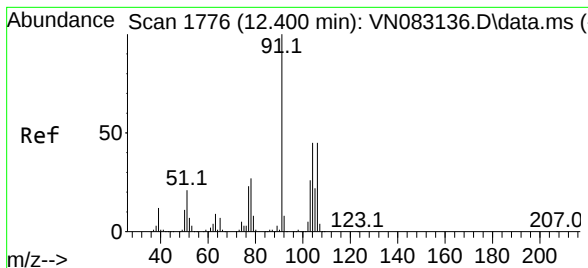


#68
m/p-Xylenes
Concen: 38.643 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48



Tgt Ion:106 Resp: 141143
Ion Ratio Lower Upper
106 100
91 216.3 166.1 249.1





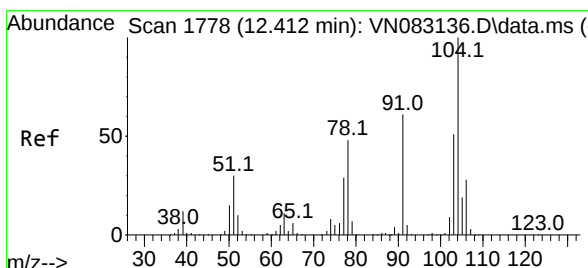
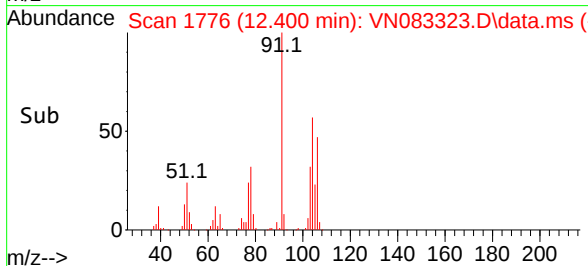
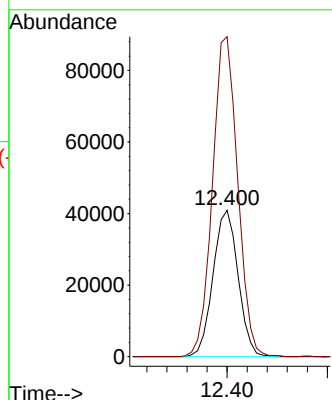
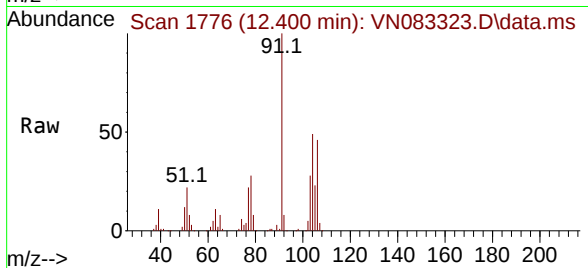
#69
o-Xylene
Concen: 19.667 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01

Tgt Ion:106 Resp: 70840
Ion Ratio Lower Upper
106 100
91 220.1 111.3 333.9

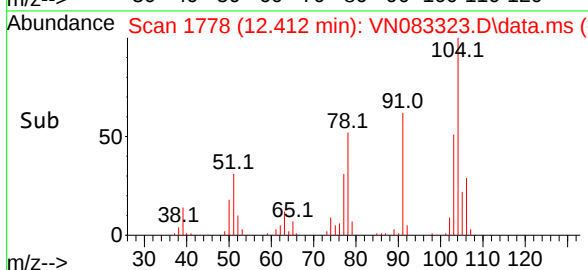
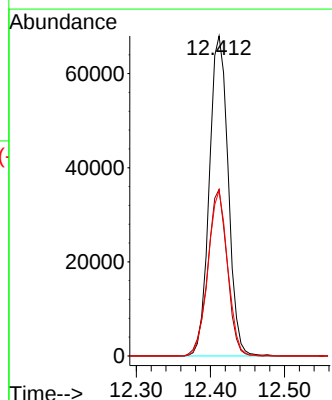
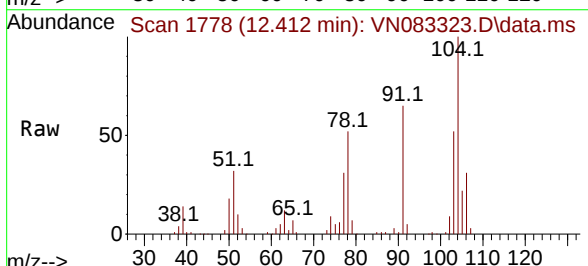
Manual Integrations
APPROVED

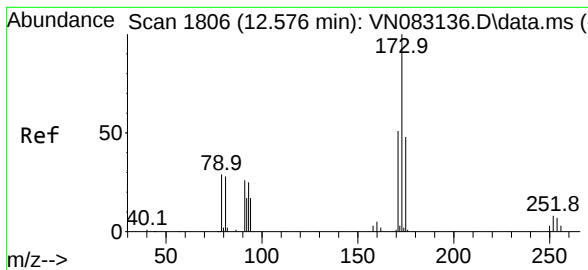
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#70
Styrene
Concen: 19.916 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

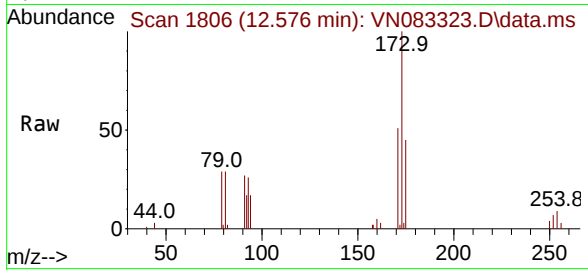
Tgt Ion:104 Resp: 120495
Ion Ratio Lower Upper
104 100
78 53.4 41.6 62.4
103 53.5 44.0 66.0





#71
Bromoform
Concen: 19.240 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

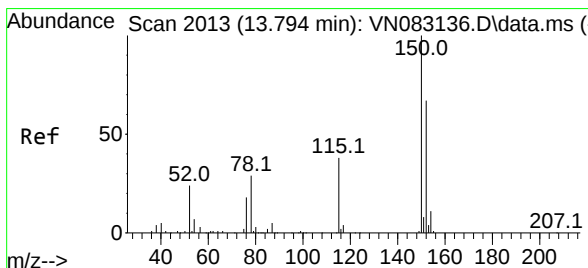
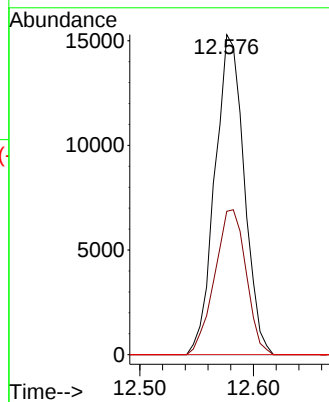
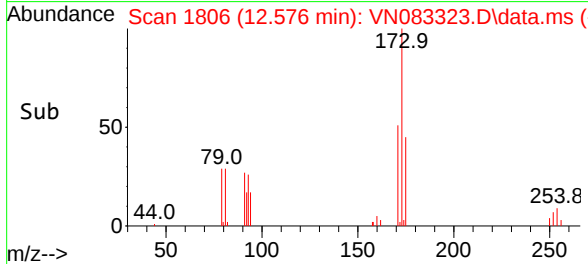
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01



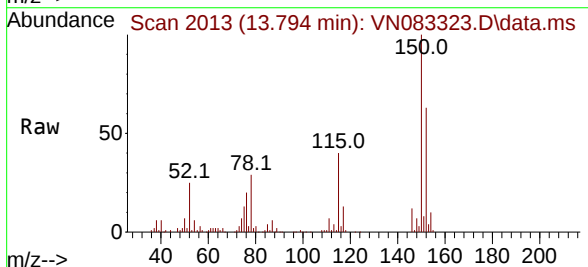
Tgt Ion:173 Resp: 2732
Ion Ratio Lower Upper
173 100
175 48.7 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

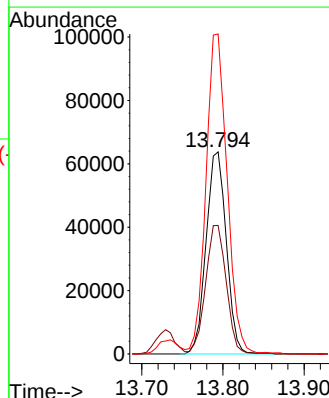
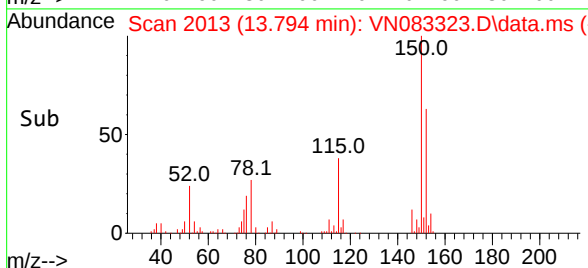
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

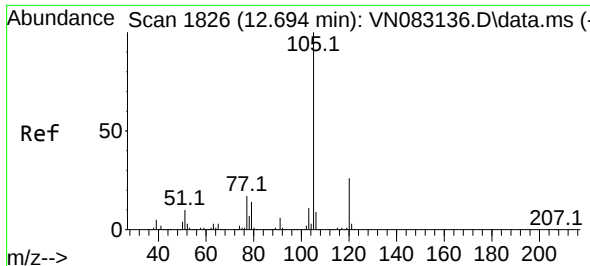


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48



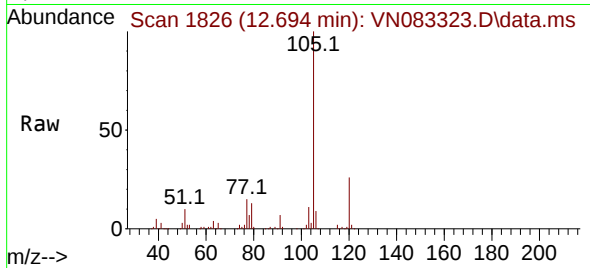
Tgt Ion:152 Resp: 110267
Ion Ratio Lower Upper
152 100
115 64.3 30.6 91.6
150 166.0 0.0 348.6





#73
Isopropylbenzene
Concen: 19.966 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

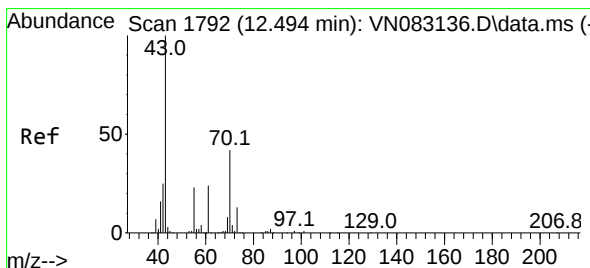
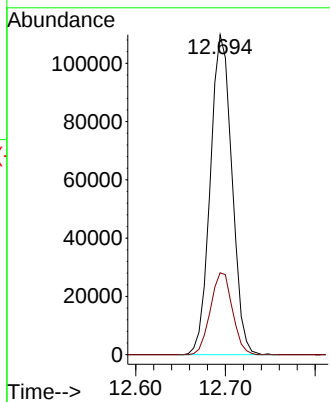
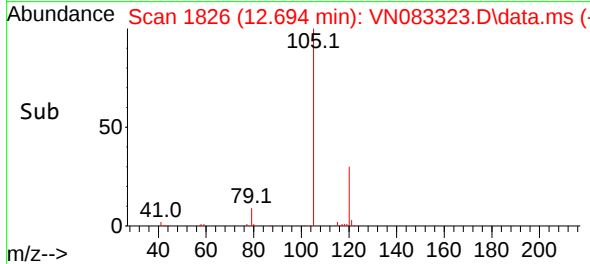
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01



Tgt Ion:105 Resp: 184144
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6

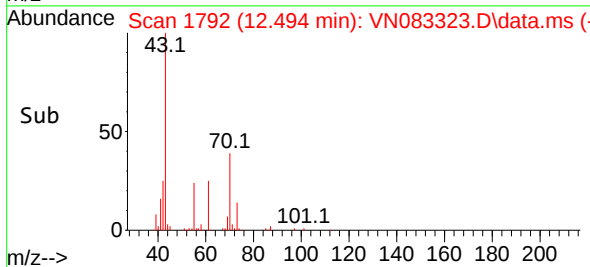
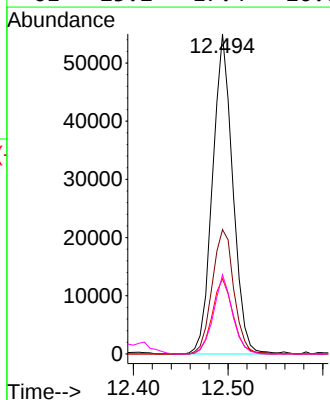
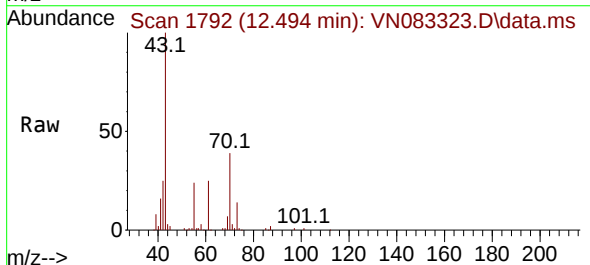
Manual Integrations
APPROVED

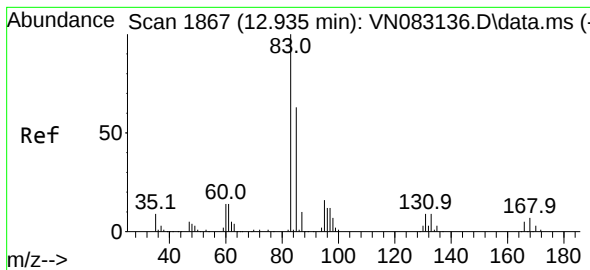
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#74
N-ethyl acetate
Concen: 18.084 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

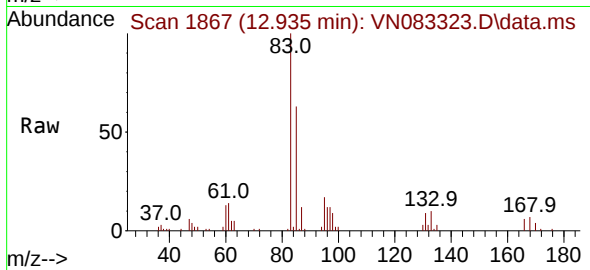
Tgt Ion: 43 Resp: 81585
Ion Ratio Lower Upper
43 100
70 41.6 29.8 44.6
55 24.0 18.7 28.1
61 23.2 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 20.811 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

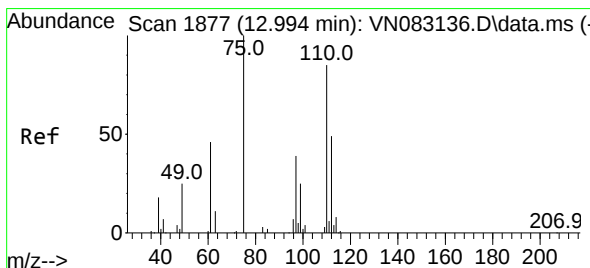
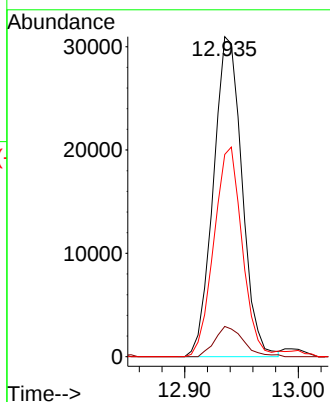
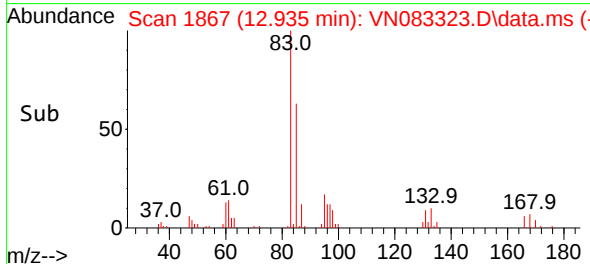
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01



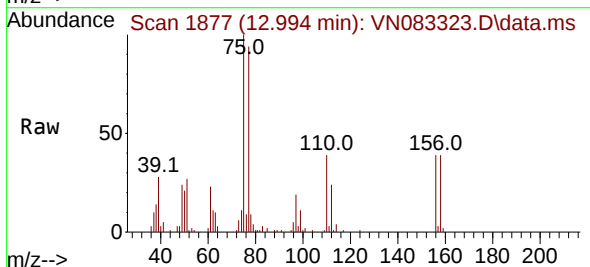
Tgt Ion: 83 Resp: 5428
Ion Ratio Lower Upper
83 100
131 9.4 5.0 14.9
85 64.6 31.9 95.7

Manual Integrations
APPROVED

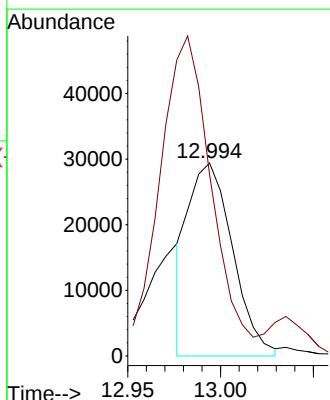
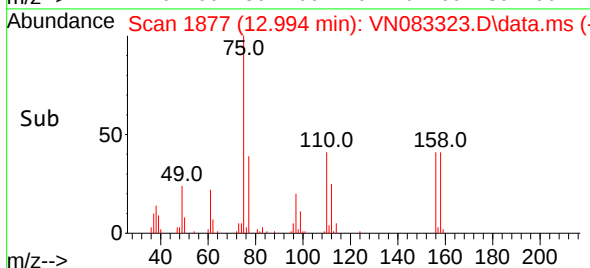
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

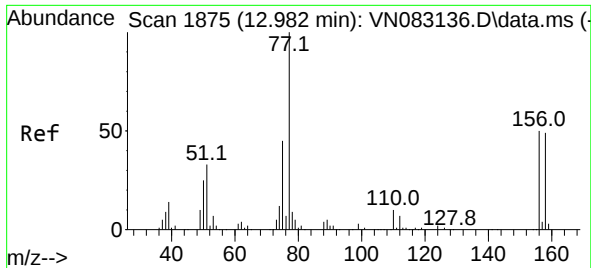


#76
1,2,3-Trichloropropane
Concen: 20.207 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48



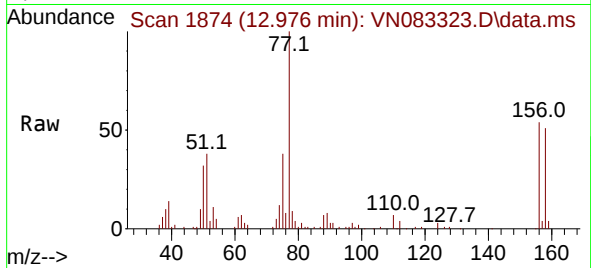
Tgt Ion: 75 Resp: 48903
Ion Ratio Lower Upper
75 100
77 193.7 110.9 332.6





#77
Bromobenzene
Concen: 20.445 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

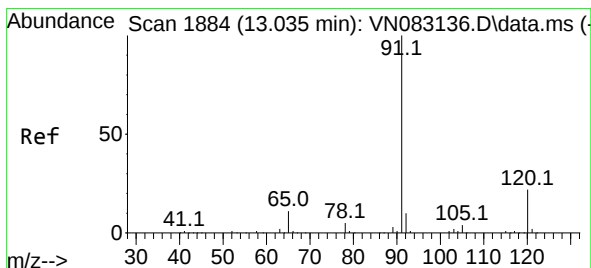
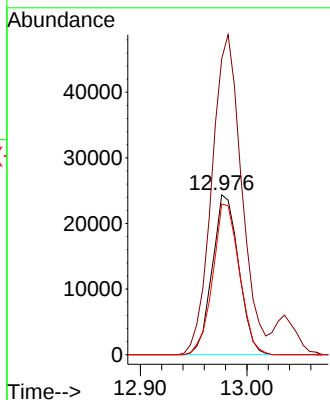
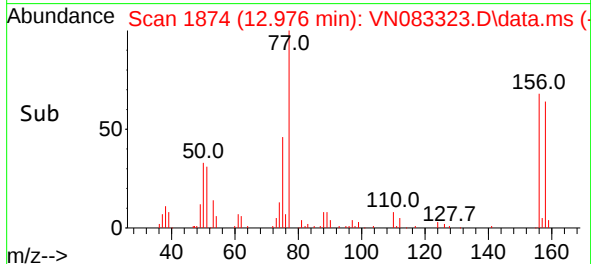
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01



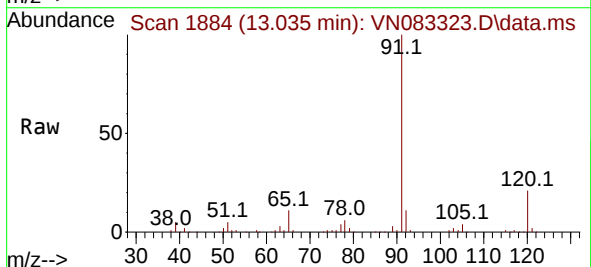
Tgt Ion:156 Resp: 4188
Ion Ratio Lower Upper
156 100
77 226.1 111.3 333.8
158 95.1 48.3 144.9

Manual Integrations
APPROVED

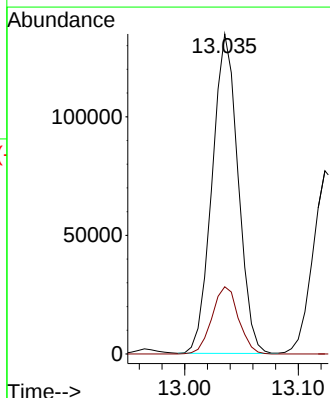
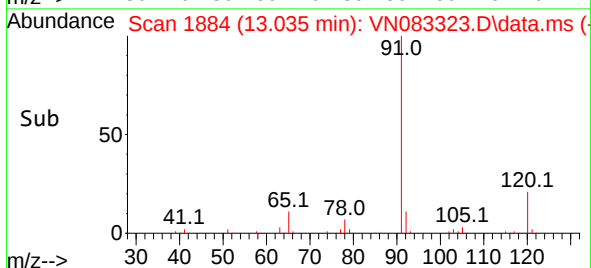
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

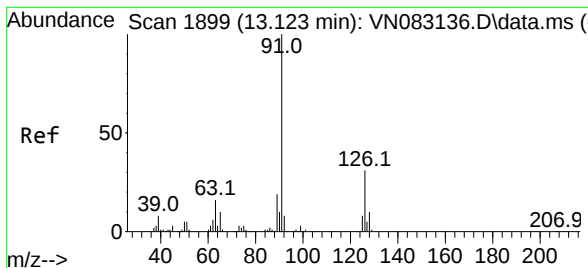


#78
n-propylbenzene
Concen: 20.154 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48



Tgt Ion: 91 Resp: 214041
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.9





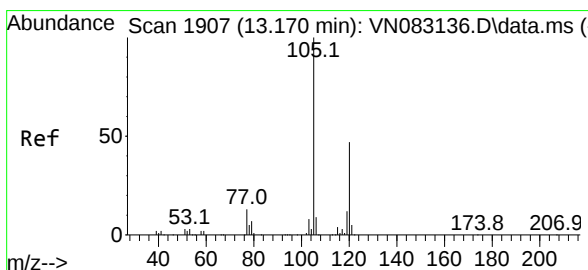
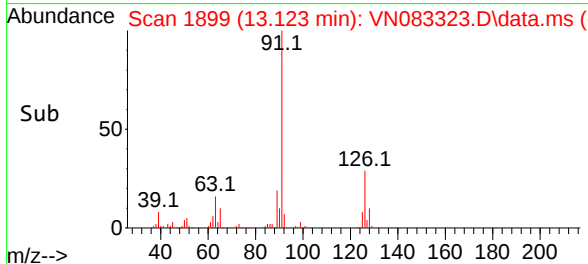
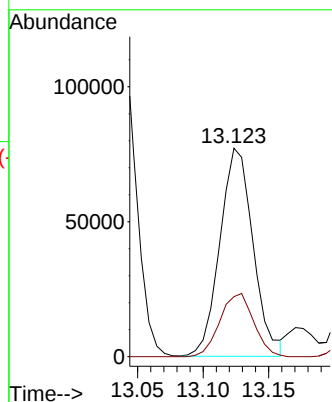
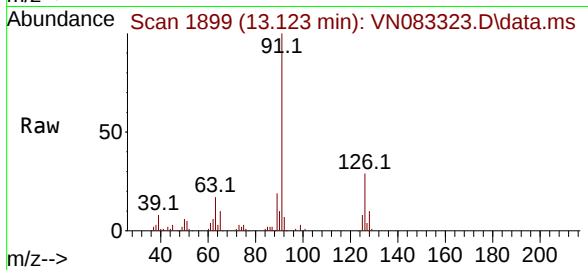
#79
2-Chlorotoluene
Concen: 20.157 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01

Tgt Ion: 91 Resp: 135719
Ion Ratio Lower Upper
91 100
126 30.9 16.2 48.6

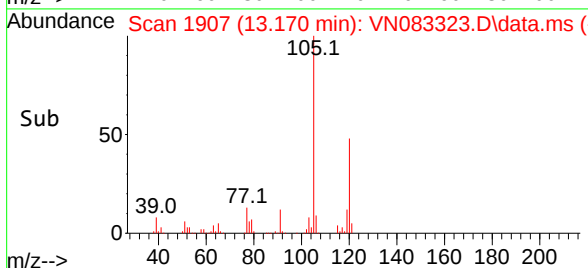
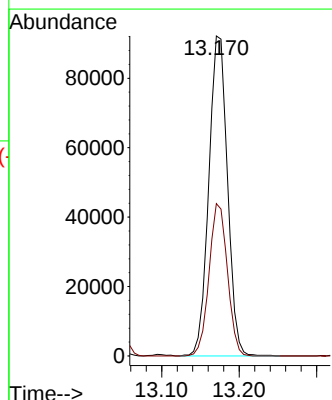
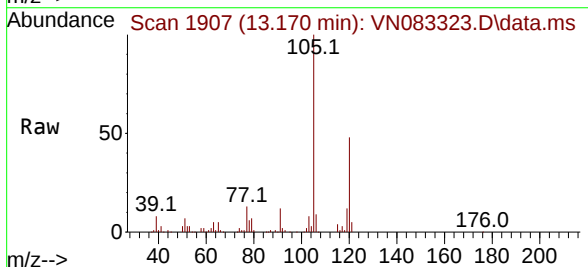
Manual Integrations
APPROVED

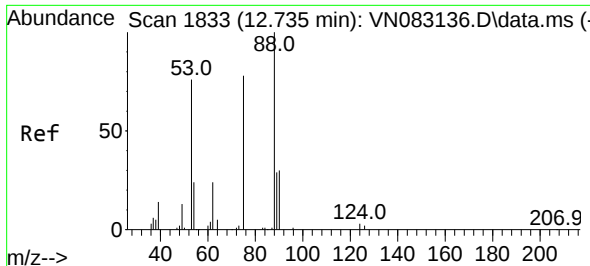
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.964 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

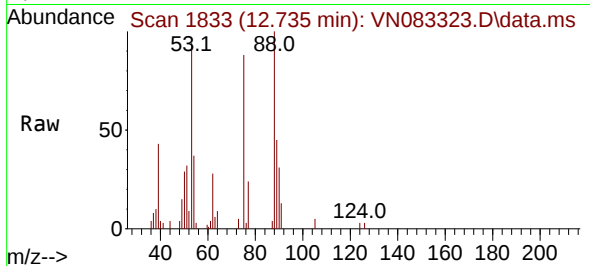
Tgt Ion:105 Resp: 154152
Ion Ratio Lower Upper
105 100
120 46.7 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 16.262 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

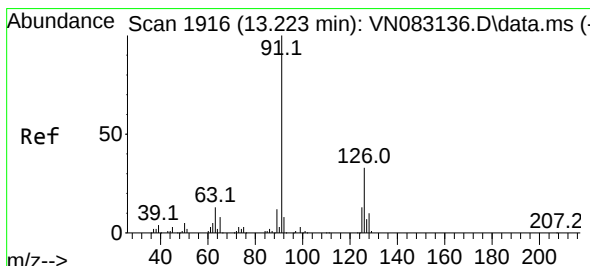
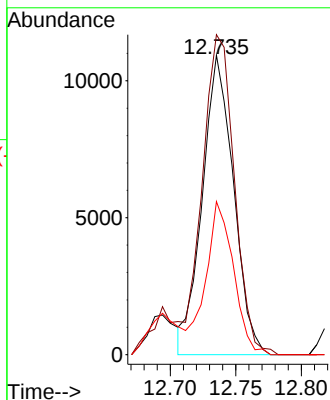
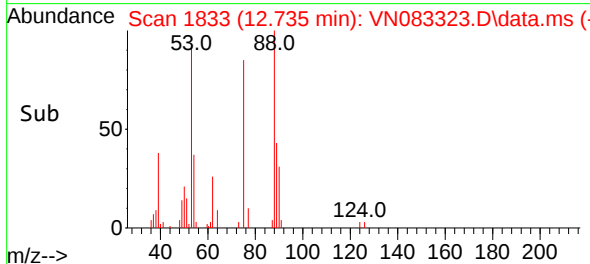
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01



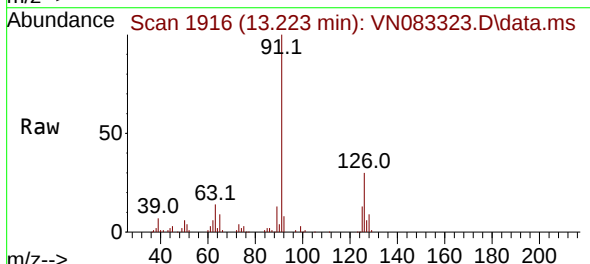
Tgt Ion	Ratio	Lower	Upper
75	100		
53	107.7	88.4	132.6
89	45.3	36.3	54.5

Manual Integrations
APPROVED

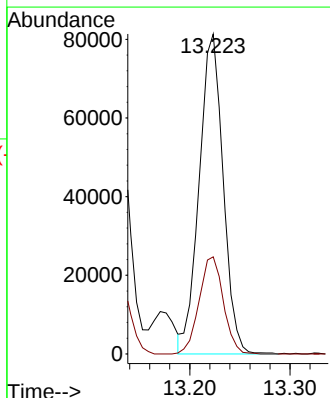
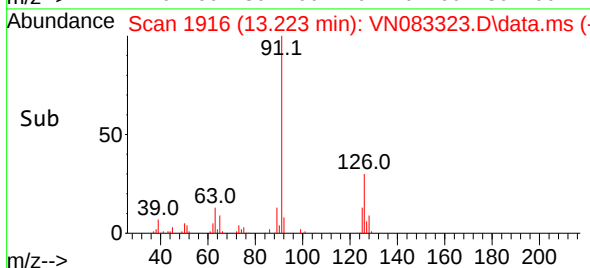
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#82
4-Chlorotoluene
Concen: 20.024 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48



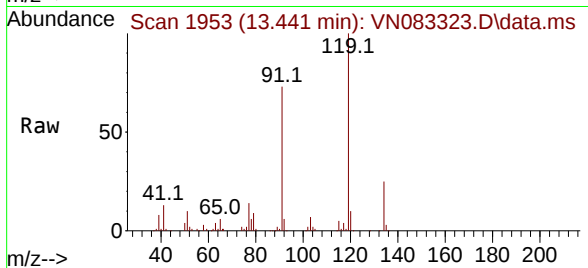
Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	16.2	48.6





#83
tert-Butylbenzene
Concen: 19.692 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

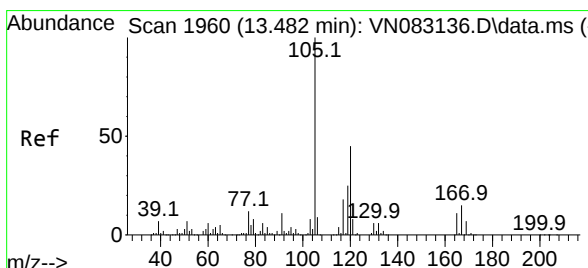
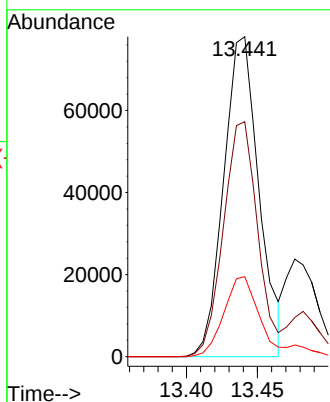
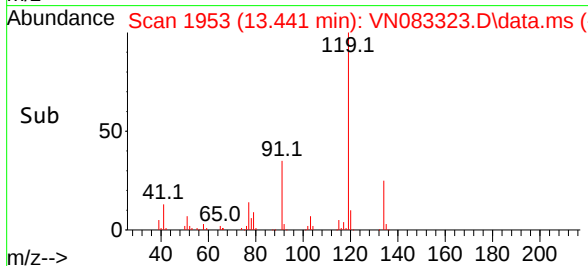
Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01



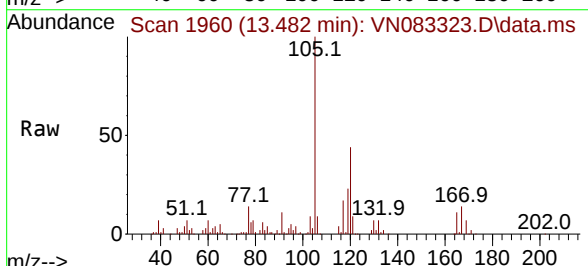
Tgt Ion:119 Resp: 134654
Ion Ratio Lower Upper
119 100
91 71.5 35.0 105.1
134 25.0 13.3 39.8

Manual Integrations
APPROVED

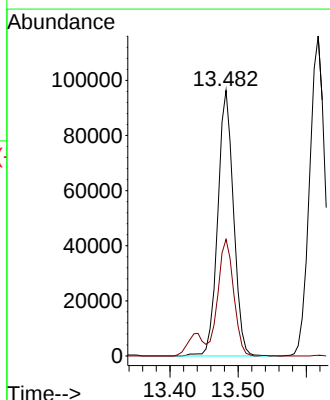
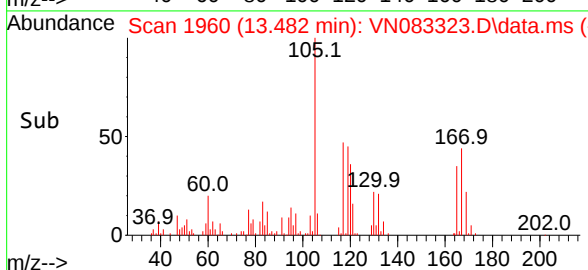
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

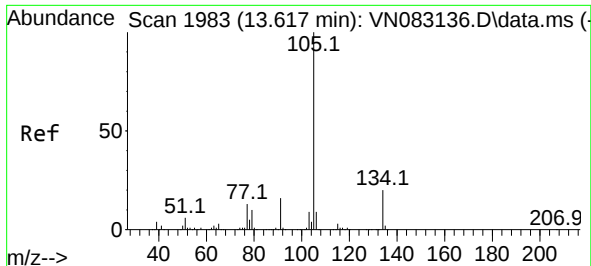


#84
1,2,4-Trimethylbenzene
Concen: 19.872 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48



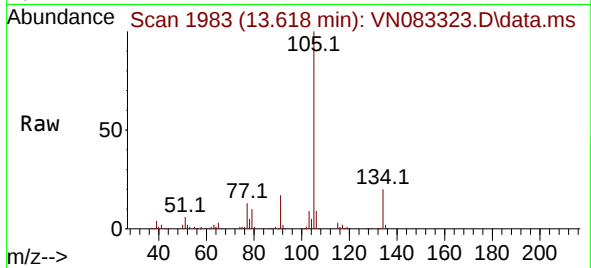
Tgt Ion:105 Resp: 154636
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 19.788 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083323.D
 Acq: 15 Aug 2024 11:48

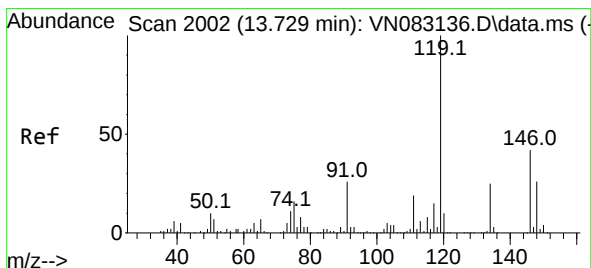
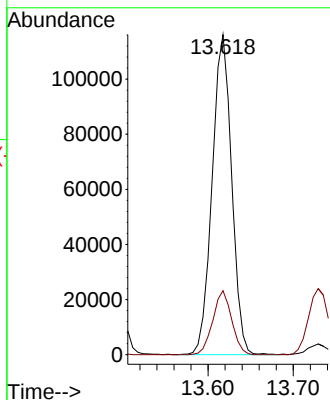
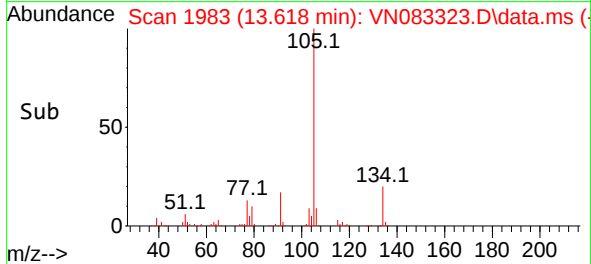
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS01



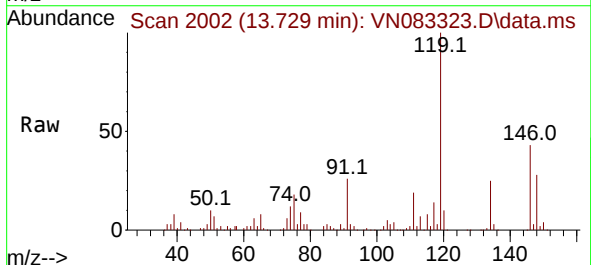
Tgt Ion:105 Resp: 18463
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3

Manual Integrations
 APPROVED

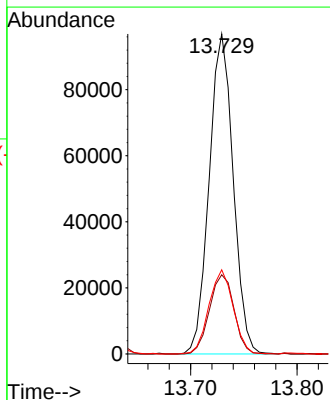
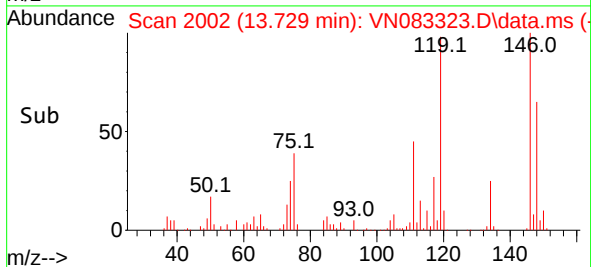
Reviewed By :John Carlone 08/16/2024
 Supervised By :Mahesh Dadoda 08/16/2024

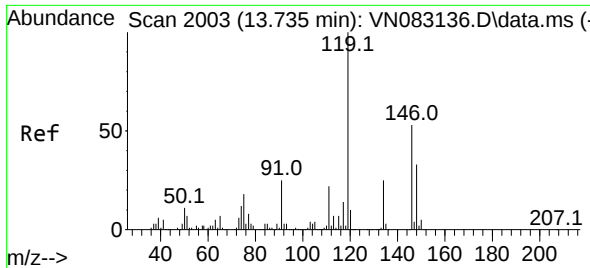


#86
 p-Isopropyltoluene
 Concen: 19.684 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083323.D
 Acq: 15 Aug 2024 11:48



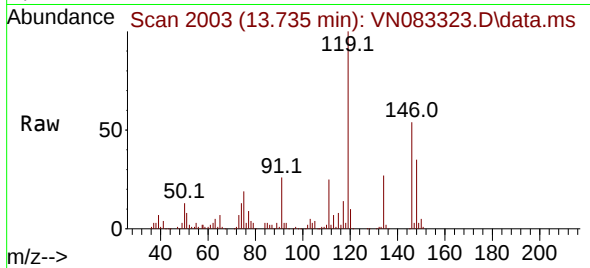
Tgt Ion:119 Resp: 151646
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.0 39.0
 91 26.5 12.3 36.9





#87
 1,3-Dichlorobenzene
 Concen: 19.522 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN083323.D
 Acq: 15 Aug 2024 11:48

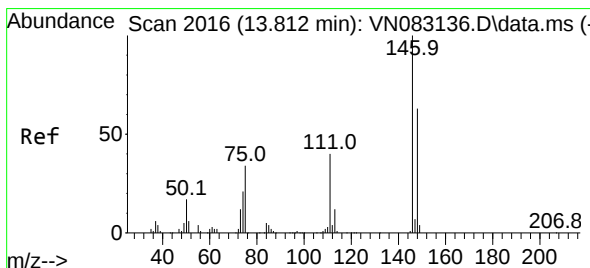
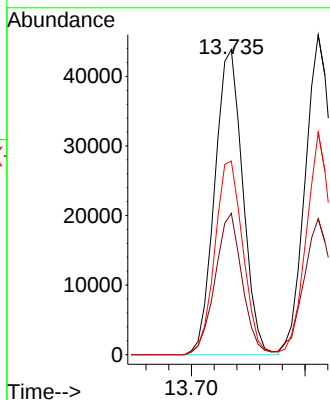
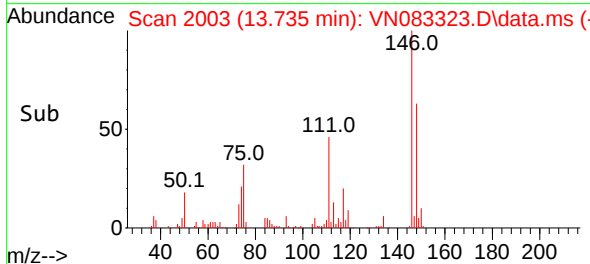
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0815WBS01



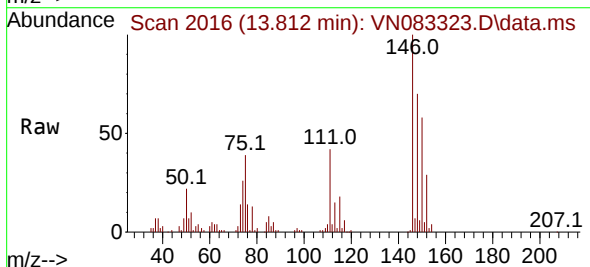
Tgt Ion:146 Resp: 7526
 Ion Ratio Lower Upper
 146 100
 111 44.7 20.6 61.9
 148 63.4 31.8 95.3

Manual Integrations
 APPROVED

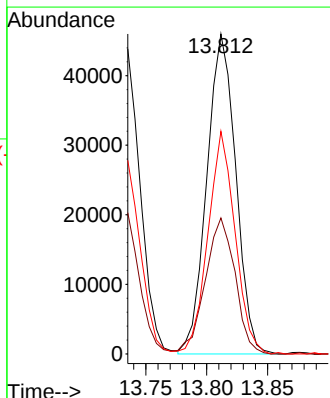
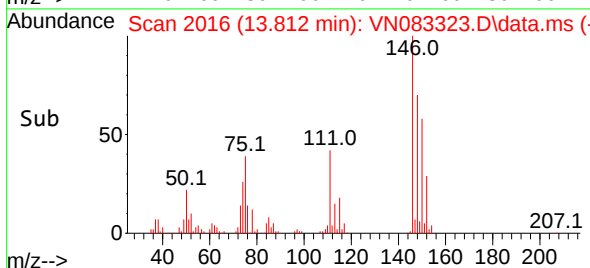
Reviewed By :John Carlone 08/16/2024
 Supervised By :Mahesh Dadoda 08/16/2024

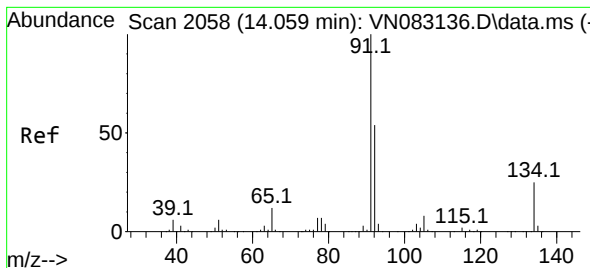


#88
 1,4-Dichlorobenzene
 Concen: 19.644 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN083323.D
 Acq: 15 Aug 2024 11:48



Tgt Ion:146 Resp: 76349
 Ion Ratio Lower Upper
 146 100
 111 43.7 20.1 60.3
 148 65.3 32.2 96.6





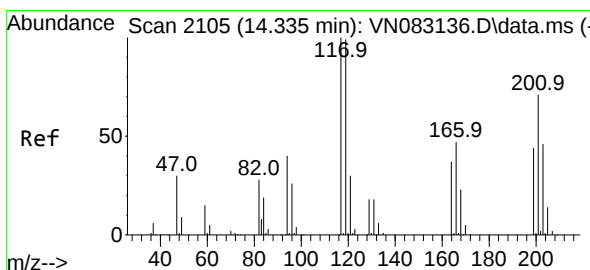
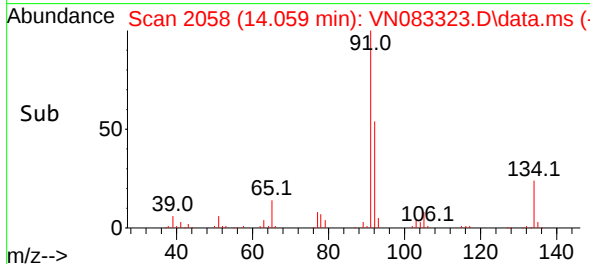
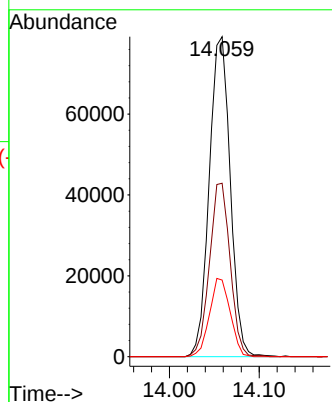
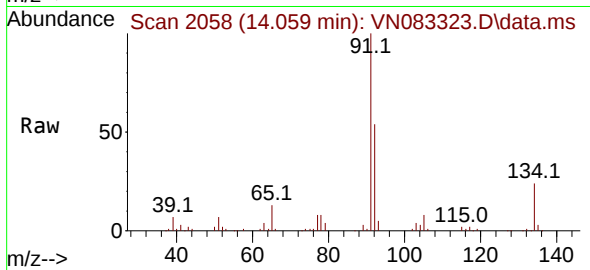
#89
n-Butylbenzene
Concen: 19.269 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01

Tgt Ion: 91 Resp: 12863
Ion Ratio Lower Upper
91 100
92 53.4 26.1 78.3
134 24.1 12.1 36.3

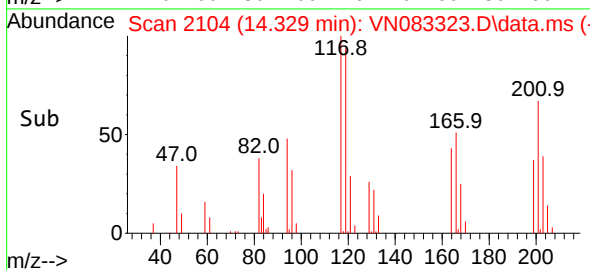
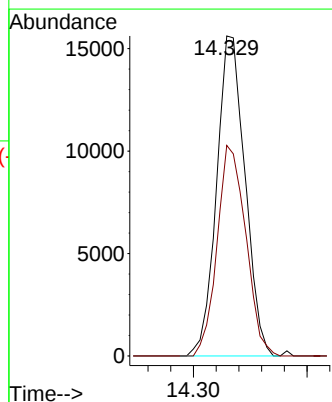
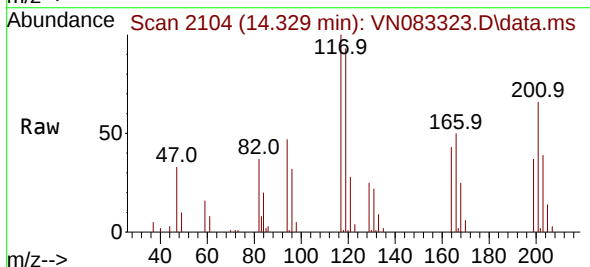
Manual Integrations
APPROVED

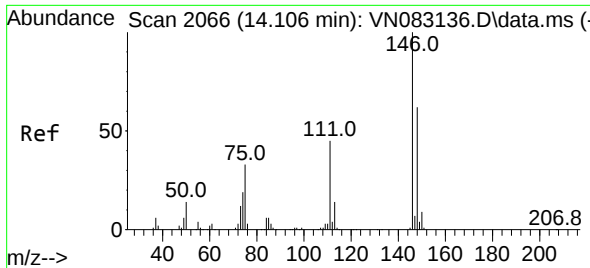
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#90
Hexachloroethane
Concen: 18.248 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

Tgt Ion:117 Resp: 27160
Ion Ratio Lower Upper
117 100
201 66.3 35.8 107.3





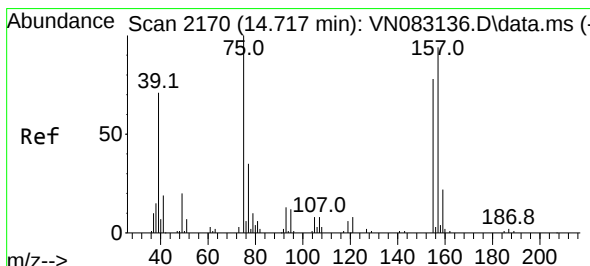
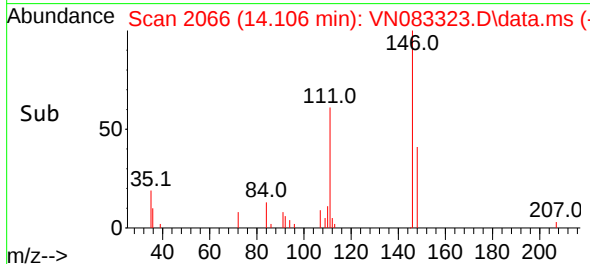
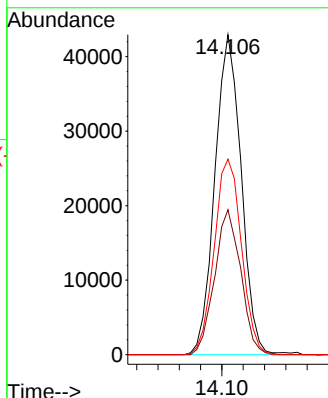
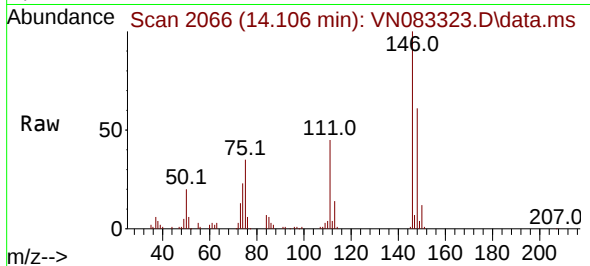
#91
1,2-Dichlorobenzene
Concen: 19.684 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01

Tgt Ion:146 Resp: 7343
Ion Ratio Lower Upper
146 100
111 45.1 21.4 64.2
148 63.3 32.1 96.5

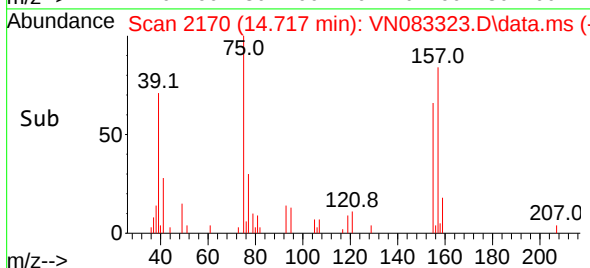
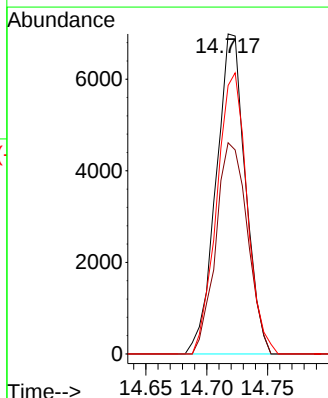
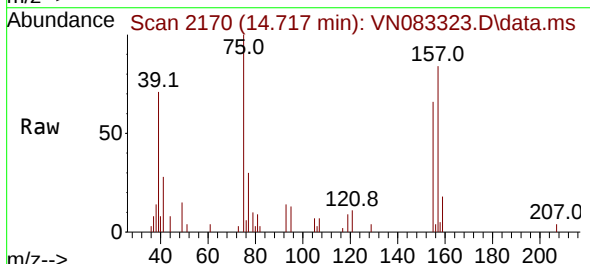
Manual Integrations
APPROVED

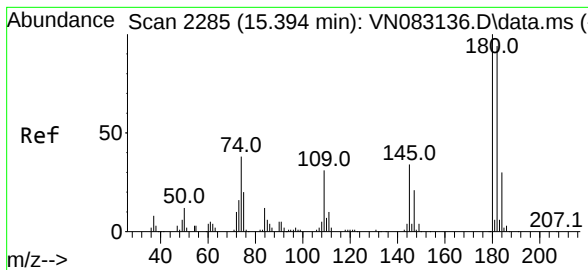
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.547 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

Tgt Ion: 75 Resp: 11740
Ion Ratio Lower Upper
75 100
155 71.0 36.6 109.8
157 90.2 46.9 140.6





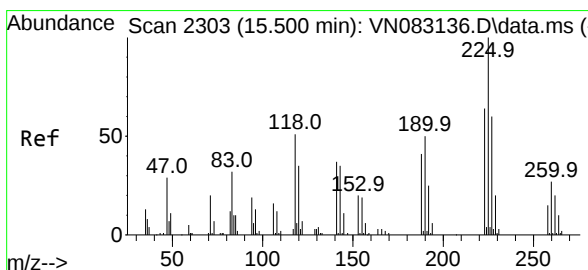
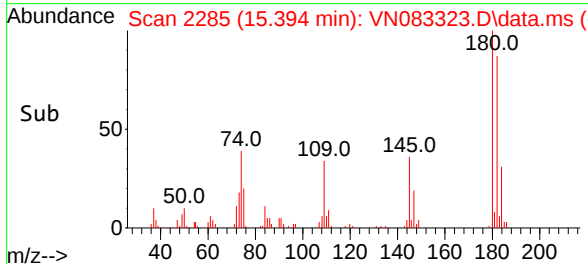
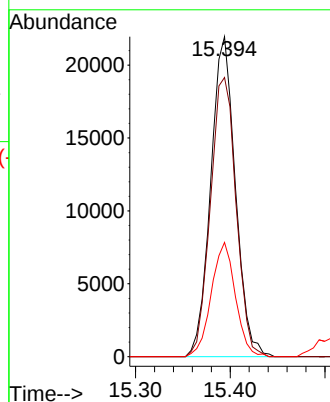
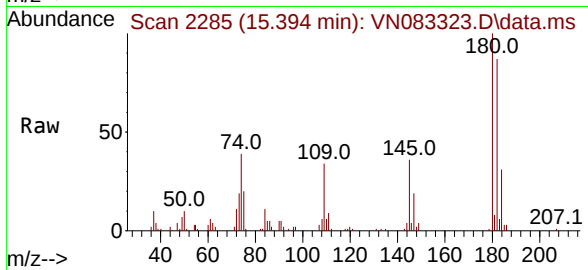
#93
1,2,4-Trichlorobenzene
Concen: 19.008 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

Instrument :
MSVOA_N
ClientSampleId :
VN0815WBS01

Tgt Ion:180 Resp: 3972
Ion Ratio Lower Upper
180 100
182 90.6 47.3 141.8
145 35.0 15.7 47.1

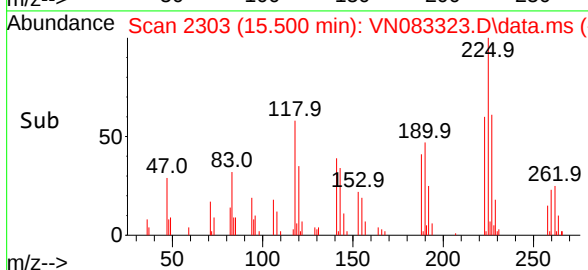
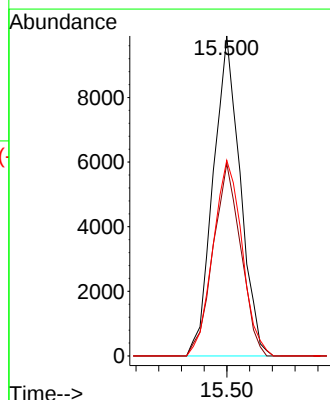
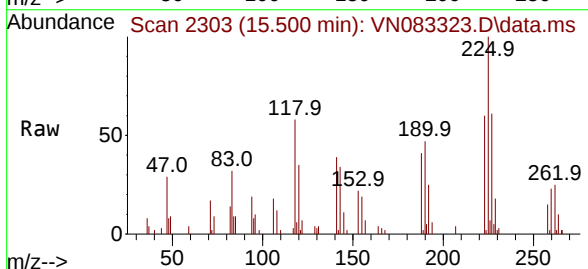
Manual Integrations
APPROVED

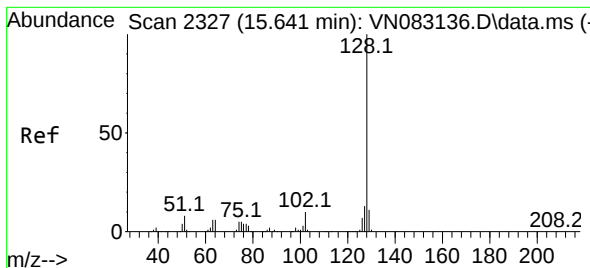
Reviewed By :John Carlone 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#94
Hexachlorobutadiene
Concen: 17.585 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN083323.D
Acq: 15 Aug 2024 11:48

Tgt Ion:225 Resp: 16345
Ion Ratio Lower Upper
225 100
223 61.7 31.9 95.7
227 65.9 32.5 97.5





#95

Naphthalene

Concen: 18.067 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN083323.D

Acq: 15 Aug 2024 11:48

Instrument :

MSVOA_N

ClientSampleId :

VN0815WBS01

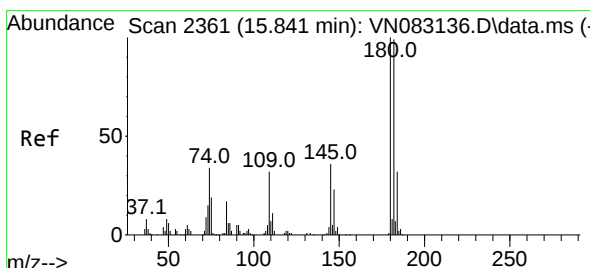
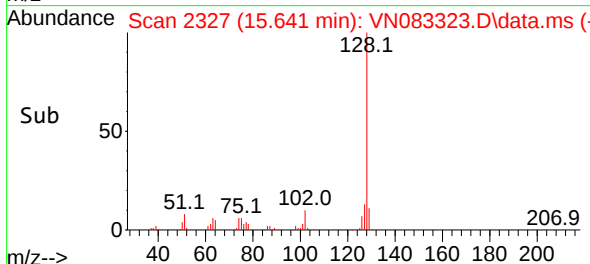
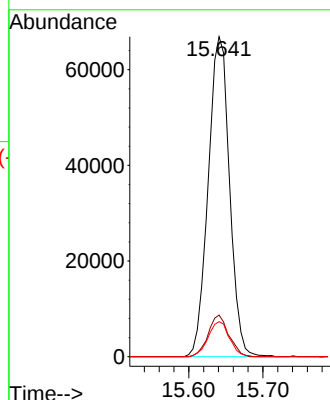
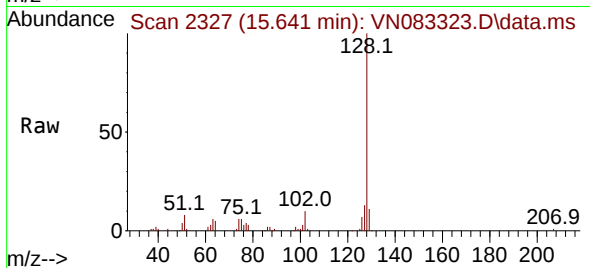
Tgt Ion:	128	Resp:	133754
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.6	16.0
129	11.0	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.870 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN083323.D

Acq: 15 Aug 2024 11:48

Tgt Ion:	180	Resp:	39024
Ion Ratio	Lower	Upper	
180	100		
182	92.7	48.9	146.8
145	37.1	16.8	50.4

