

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031124\
 Data File : VN081355.D
 Acq On : 11 Mar 2024 11:42
 Operator : JC\MD
 Sample : VN0311MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/12/2024
 Supervised By : Mahesh Dadoda 03/12/2024

Quant Time: Mar 12 04:49:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	303245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	549588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	484345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	226114	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	232306	52.982	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.960%	
35) Dibromofluoromethane	8.165	113	178650	53.057	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.120%	
50) Toluene-d8	10.565	98	650666	51.693	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.380%	
62) 4-Bromofluorobenzene	12.847	95	228241	51.304	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 102.600%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	86708	21.570	ug/l	95
3) Chloromethane	2.359	50	81660	18.806	ug/l	98
4) Vinyl Chloride	2.518	62	84851	18.732	ug/l	98
5) Bromomethane	2.959	94	55539	18.358	ug/l	95
6) Chloroethane	3.124	64	56773	18.248	ug/l	95
7) Trichlorofluoromethane	3.501	101	135646	20.242	ug/l	99
8) Diethyl Ether	3.965	74	45728	19.369	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.377	101	73029	19.138	ug/l	92
10) Methyl Iodide	4.589	142	67730	19.395	ug/l	95
11) Tert butyl alcohol	5.518	59	74169	96.741	ug/l	100
12) 1,1-Dichloroethene	4.342	96	67464	19.090	ug/l	88
13) Acrolein	4.171	56	80995	89.217	ug/l	97
14) Allyl chloride	5.024	41	100350	19.134	ug/l	90
15) Acrylonitrile	5.718	53	197408	98.561	ug/l	98
16) Acetone	4.436	43	145850	93.886	ug/l	93
17) Carbon Disulfide	4.712	76	185872	18.428	ug/l	96
18) Methyl Acetate	5.024	43	99850	22.450	ug/l #	91
19) Methyl tert-butyl Ether	5.800	73	235293	19.631	ug/l	91
20) Methylene Chloride	5.277	84	77791	19.782	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	71912	18.049	ug/l	95
22) Diisopropyl ether	6.671	45	240619	20.656	ug/l #	95
23) Vinyl Acetate	6.600	43	929351	98.206	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	141810	19.887	ug/l #	91
25) 2-Butanone	7.483	43	258681	99.432	ug/l	100
26) 2,2-Dichloropropane	7.489	77	123848	19.651	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	87623	19.398	ug/l	88
28) Bromochloromethane	7.818	49	54407	17.832	ug/l #	69
29) Tetrahydrofuran	7.841	42	169344	95.457	ug/l #	89
30) Chloroform	7.971	83	149469	20.199	ug/l	99
31) Cyclohexane	8.259	56	124584	18.768	ug/l #	85
32) 1,1,1-Trichloroethane	8.171	97	134864	20.619	ug/l	90
36) 1,1-Dichloropropene	8.371	75	107036	19.704	ug/l	98
37) Ethyl Acetate	7.559	43	101299	19.076	ug/l #	95
38) Carbon Tetrachloride	8.365	117	115277	21.085	ug/l	94
39) Methylcyclohexane	9.600	83	119260	19.076	ug/l	87
40) Benzene	8.606	78	318598	19.649	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	54006	18.009	ug/l	93
42) 1,2-Dichloroethane	8.671	62	116286	20.340	ug/l	97
43) Isopropyl Acetate	8.688	43	177767	19.126	ug/l	97
44) Trichloroethene	9.353	130	81949	20.039	ug/l	99
45) 1,2-Dichloropropane	9.624	63	81492	20.007	ug/l	98
46) Dibromomethane	9.712	93	58360	20.327	ug/l	95
47) Bromodichloromethane	9.888	83	114504	20.544	ug/l #	92
48) Methyl methacrylate	9.682	41	80901	19.692	ug/l	91
49) 1,4-Dioxane	9.700	88	35520	392.262	ug/l #	68
51) 4-Methyl-2-Pentanone	10.447	43	545991	101.170	ug/l	97
52) Toluene	10.630	92	196760	20.088	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	117957	19.560	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	130707	20.077	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	78708	20.264	ug/l	99
56) Ethyl methacrylate	10.877	69	111798	20.045	ug/l	89
57) 1,3-Dichloropropane	11.165	76	136122	20.080	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	277310	92.431	ug/l #	89
59) 2-Hexanone	11.194	43	404426	100.241	ug/l	99
60) Dibromochloromethane	11.359	129	80985	20.245	ug/l	100
61) 1,2-Dibromoethane	11.471	107	78409	19.455	ug/l	95
64) Tetrachloroethene	11.106	164	75523	19.914	ug/l	93
65) Chlorobenzene	11.894	112	206904	20.272	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	75932	20.331	ug/l	98
67) Ethyl Benzene	11.965	91	368122	20.023	ug/l	98
68) m/p-Xylenes	12.071	106	276539	39.967	ug/l	99
69) o-Xylene	12.400	106	136197	20.311	ug/l	96
70) Styrene	12.412	104	219757	20.680	ug/l	98
71) Bromoform	12.582	173	52916	20.408	ug/l #	99
73) Isopropylbenzene	12.694	105	350890	19.218	ug/l	99
74) N-amyl acetate	12.494	43	142843	18.645	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	108661	19.284	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	100140m	18.750	ug/l	
77) Bromobenzene	12.982	156	79658	18.401	ug/l	79
78) n-propylbenzene	13.035	91	428606	19.847	ug/l	96
79) 2-Chlorotoluene	13.123	91	251943	19.086	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	303912	20.136	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	35289	18.440	ug/l #	77
82) 4-Chlorotoluene	13.223	91	252312	19.351	ug/l	95
83) tert-Butylbenzene	13.441	119	257474	19.898	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	307639	20.118	ug/l	98
85) sec-Butylbenzene	13.618	105	369836	19.757	ug/l	95
86) p-Isopropyltoluene	13.729	119	298887	19.909	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	155522	19.026	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	156083	19.104	ug/l	97
89) n-Butylbenzene	14.059	91	266998	19.394	ug/l	95
90) Hexachloroethane	14.335	117	50851	19.347	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	152466	19.440	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24039	19.936	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	79124	18.874	ug/l	95
94) Hexachlorobutadiene	15.500	225	35250	20.349	ug/l	90
95) Naphthalene	15.641	128	291551	19.545	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	82972	19.517	ug/l	97

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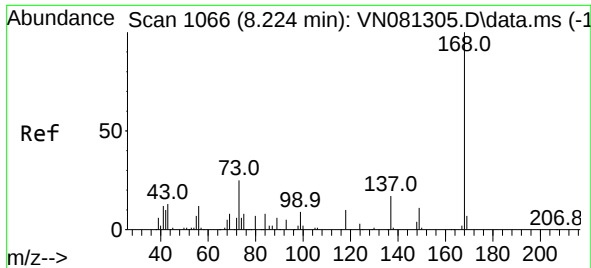
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APPROVED

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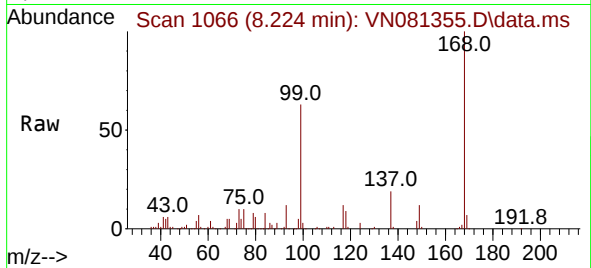
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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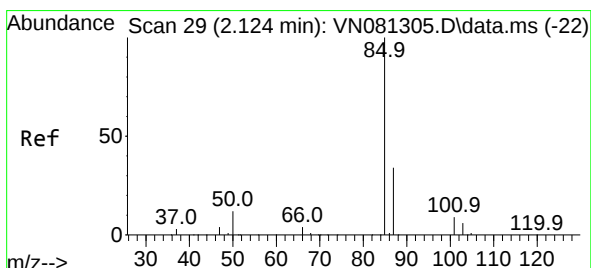
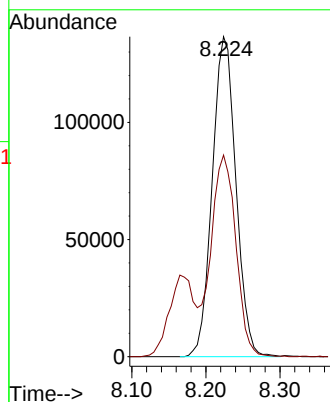
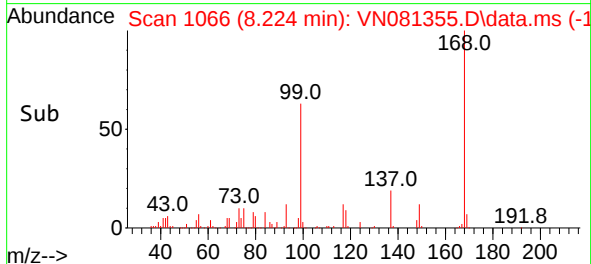
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



Tgt Ion:168 Resp: 303245
Ion Ratio Lower Upper
168 100
99 62.8 59.9 89.9

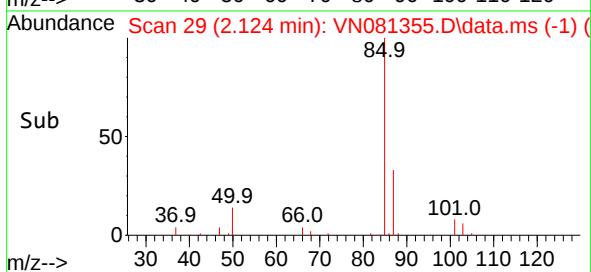
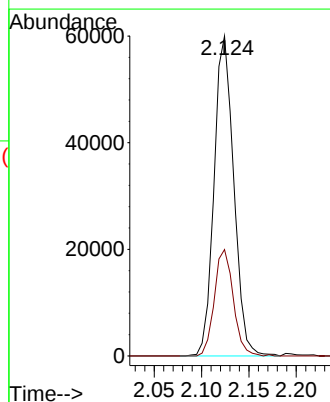
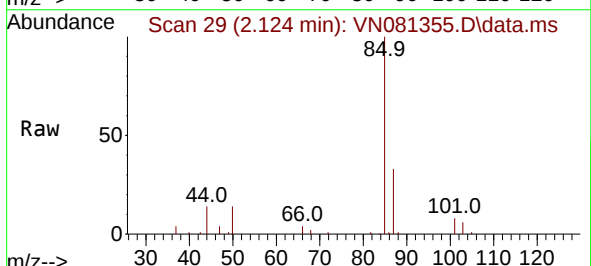
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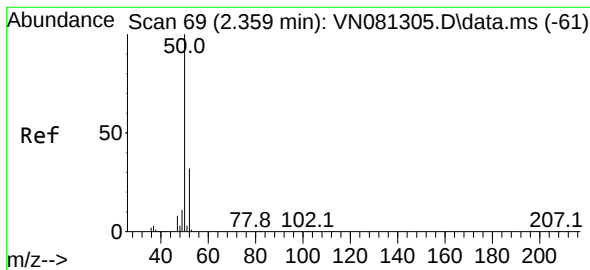
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#2
Dichlorodifluoromethane
Concen: 21.570 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

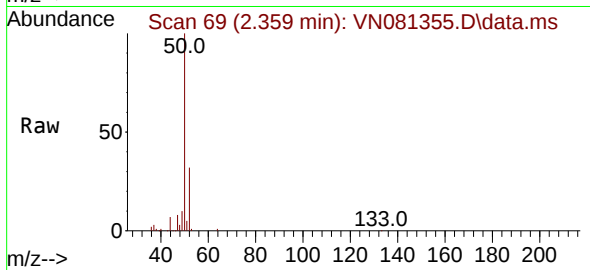
Tgt Ion: 85 Resp: 86708
Ion Ratio Lower Upper
85 100
87 33.2 15.3 45.9





#3
Chloromethane
Concen: 18.806 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

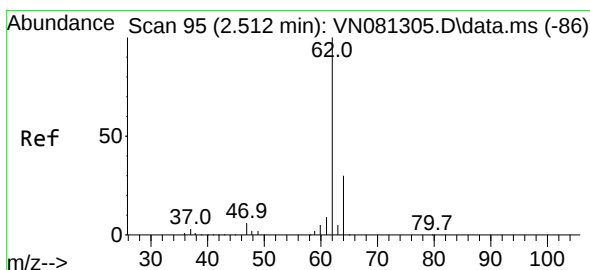
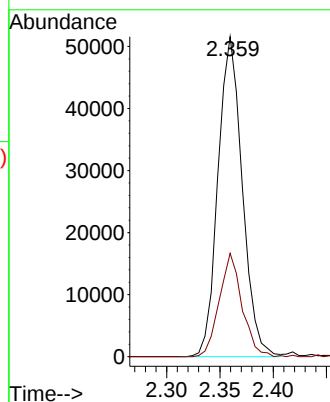
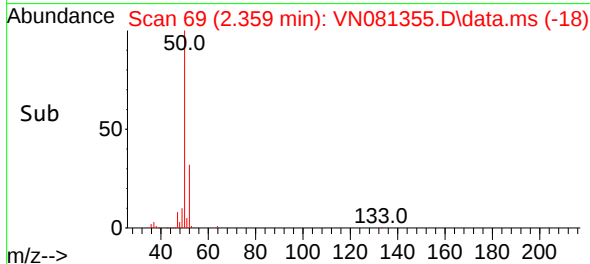
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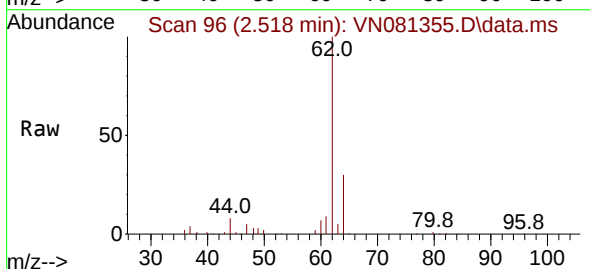
Tgt Ion: 50 Resp: 81660
Ion Ratio Lower Upper
50 100
52 32.3 25.0 37.4

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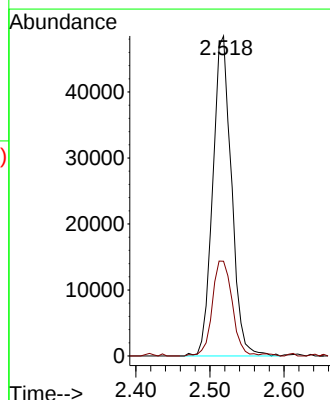
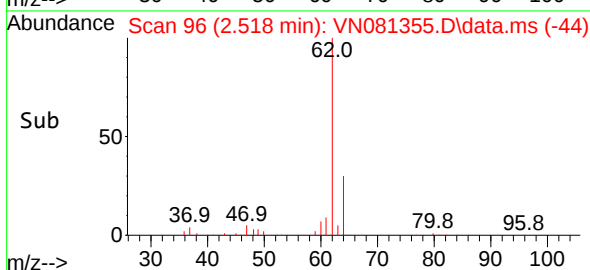
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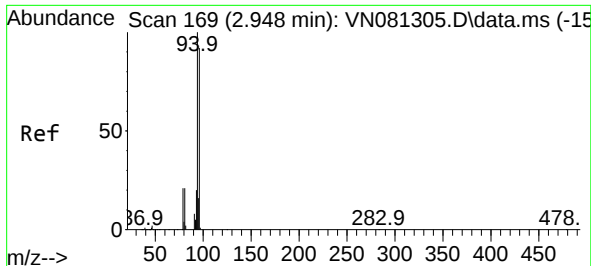


#4
Vinyl Chloride
Concen: 18.732 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42



Tgt Ion: 62 Resp: 84851
Ion Ratio Lower Upper
62 100
64 29.6 22.7 34.1





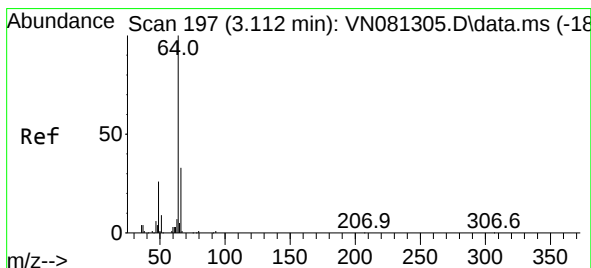
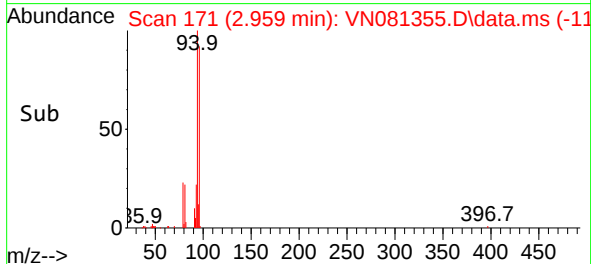
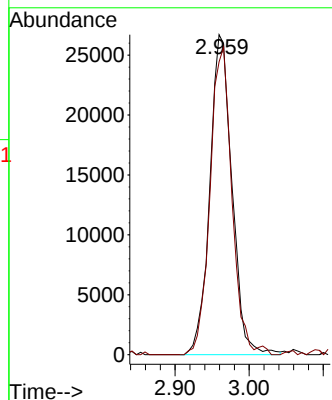
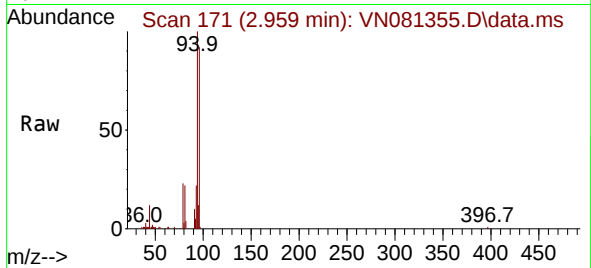
#5
Bromomethane
Concen: 18.358 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 5553
Ion Ratio Lower Upper
94 100
96 91.5 69.2 103.8

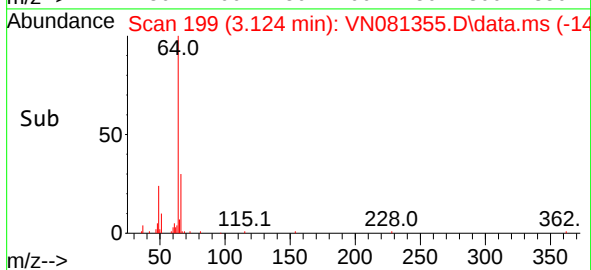
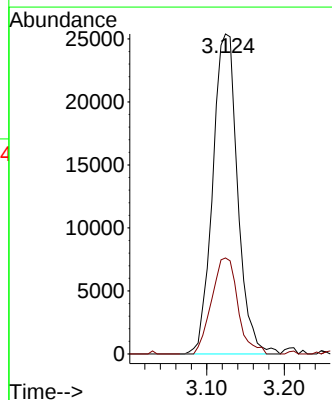
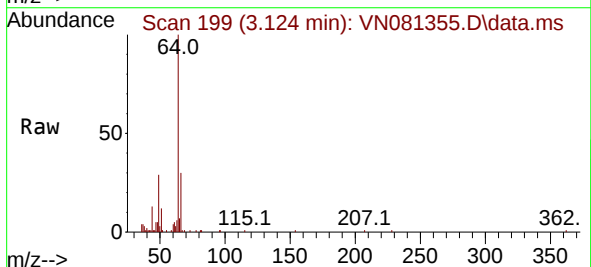
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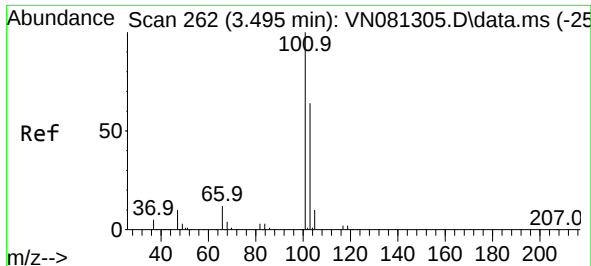
Reviewed By :John Carlone 03/12/2024
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#6
Chloroethane
Concen: 18.248 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

Tgt Ion: 64 Resp: 56773
Ion Ratio Lower Upper
64 100
66 30.0 26.4 39.6





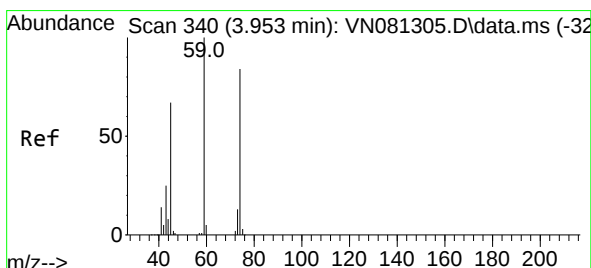
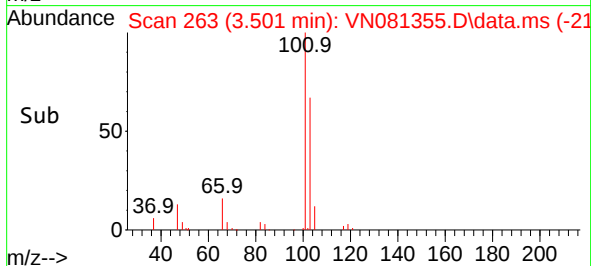
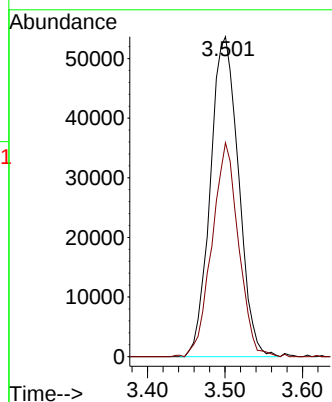
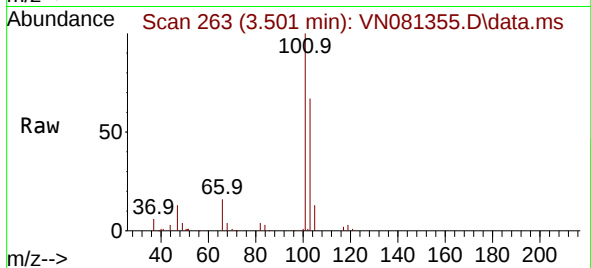
#7
Trichlorofluoromethane
Concen: 20.242 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 135640
Ion Ratio Lower Upper
101 100
103 66.9 54.4 81.6

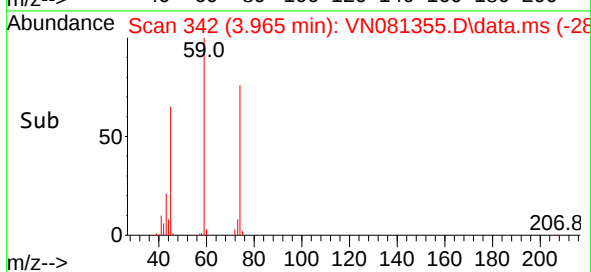
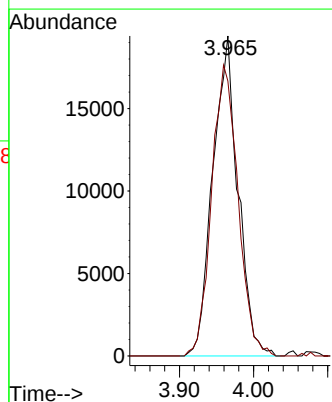
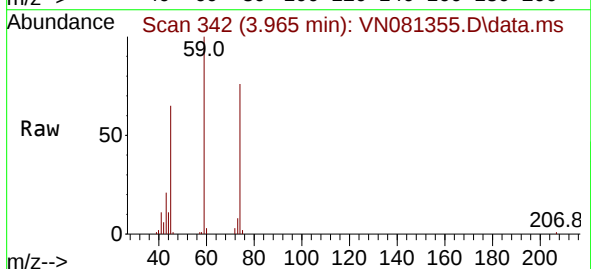
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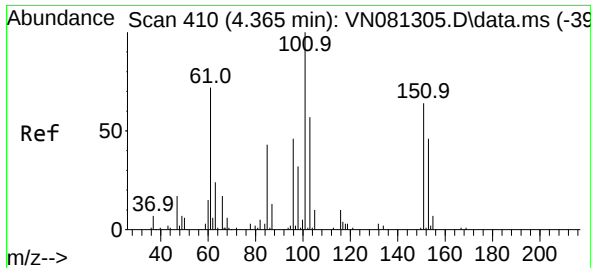
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#8
Diethyl Ether
Concen: 19.369 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

Tgt Ion: 74 Resp: 45728
Ion Ratio Lower Upper
74 100
45 95.7 53.3 159.9





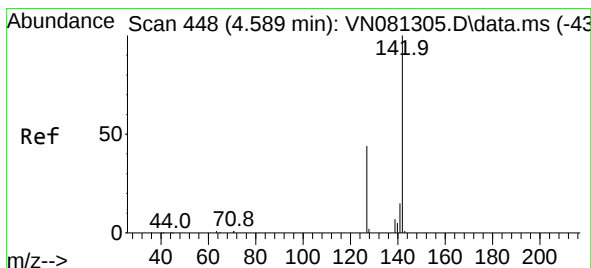
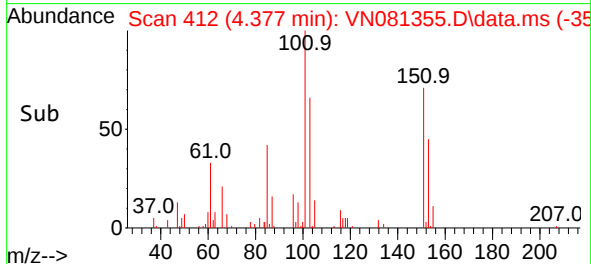
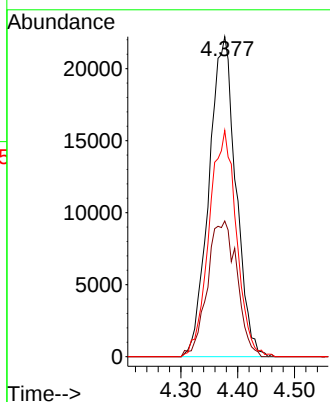
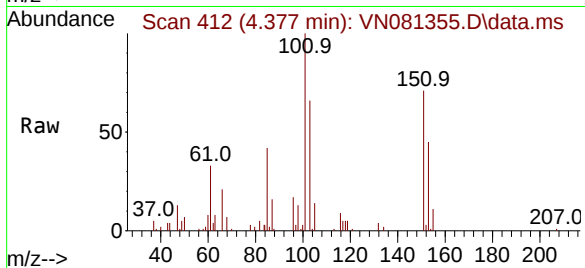
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.138 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01

Tgt Ion:101 Resp: 73029
Ion Ratio Lower Upper
101 100
85 46.5 38.1 57.1
151 71.7 49.1 73.7

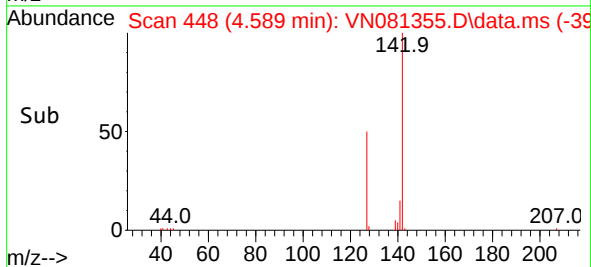
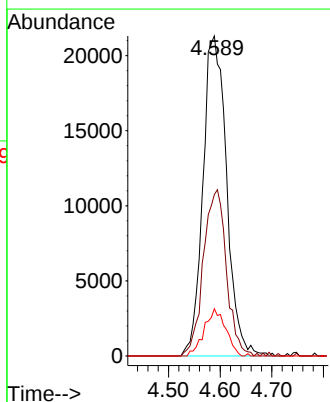
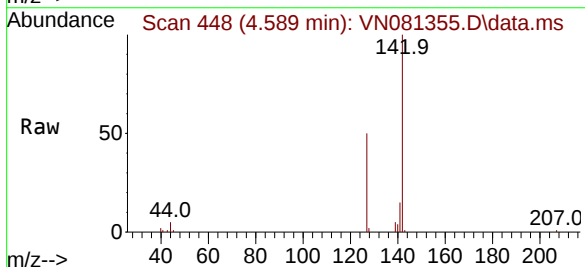
Manual Integrations
APPROVED

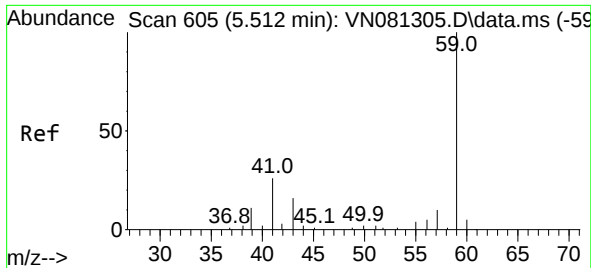
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#10
Methyl Iodide
Concen: 19.395 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

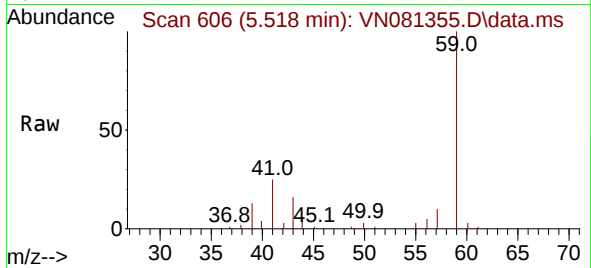
Tgt Ion:142 Resp: 67730
Ion Ratio Lower Upper
142 100
127 50.5 37.0 55.4
141 14.8 12.5 18.7





#11
Tert butyl alcohol
Concen: 96.741 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

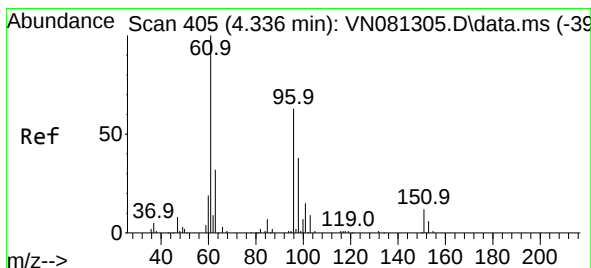
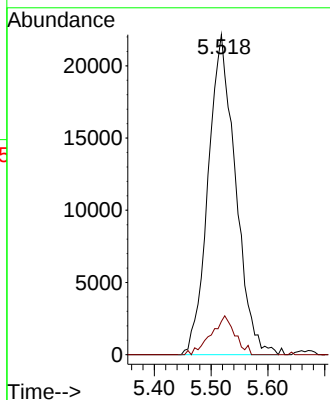
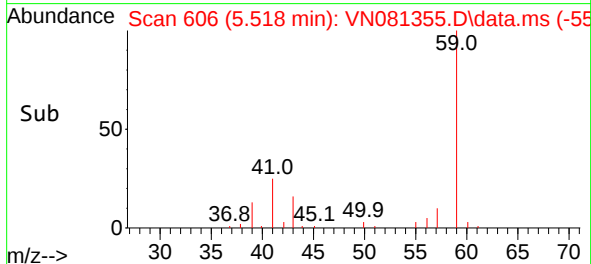
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



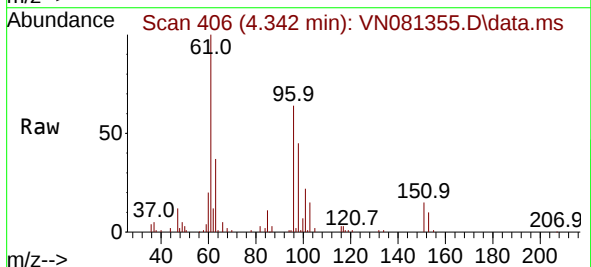
Tgt Ion: 59 Resp: 74169
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

Manual Integrations
APPROVED

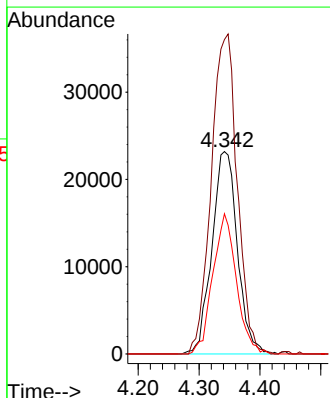
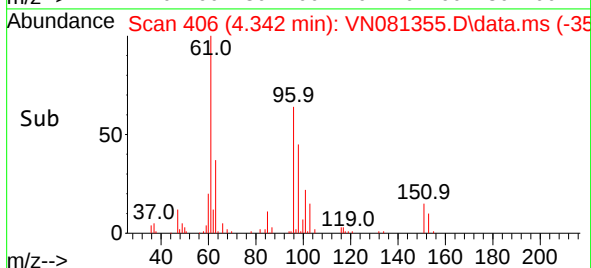
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

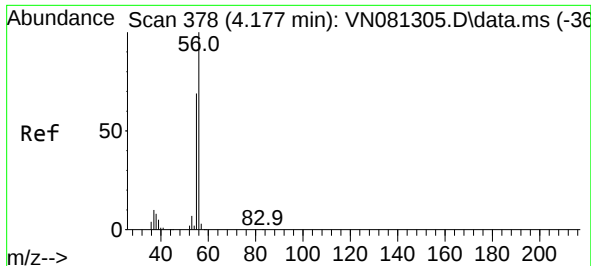


#12
1,1-Dichloroethene
Concen: 19.090 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42



Tgt Ion: 96 Resp: 67464
Ion Ratio Lower Upper
96 100
61 155.4 138.2 207.4
98 69.3 49.2 73.8





#13

Acrolein

Concen: 89.217 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN081355.D

Acq: 11 Mar 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0311MBS01

Tgt Ion: 56 Resp: 8099

Ion Ratio Lower Upper

56 100

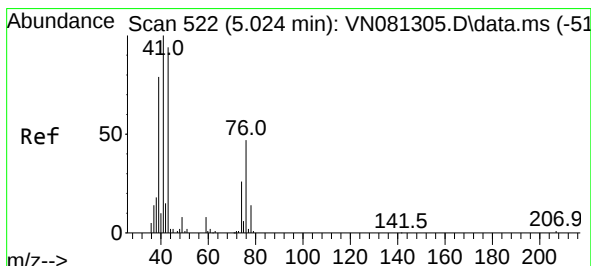
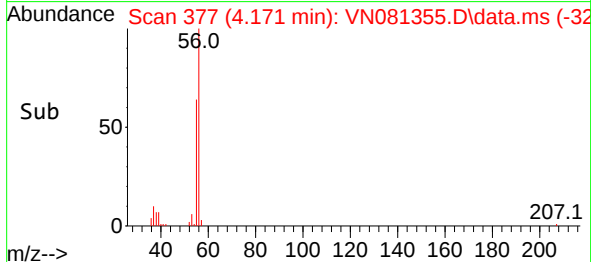
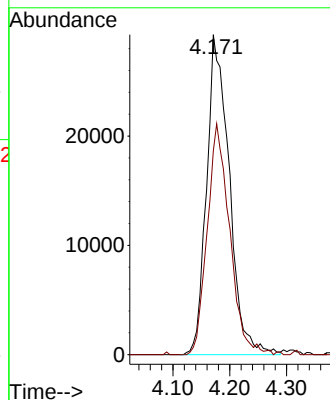
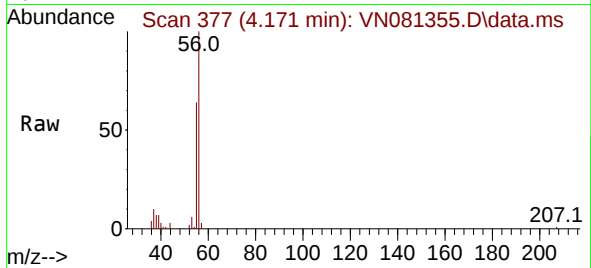
55 71.5 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#14

Allyl chloride

Concen: 19.134 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN081355.D

Acq: 11 Mar 2024 11:42

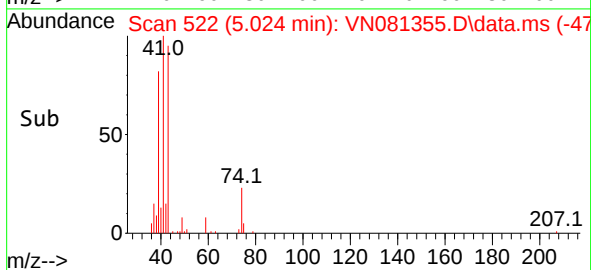
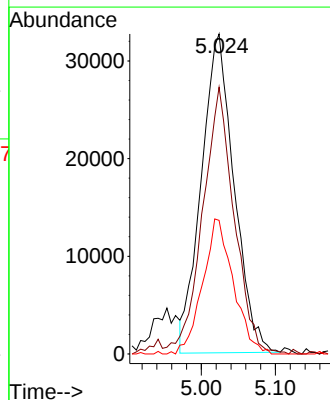
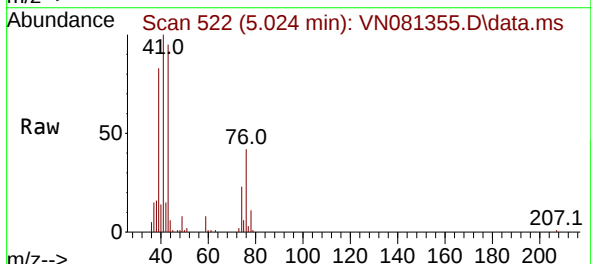
Tgt Ion: 41 Resp: 100350

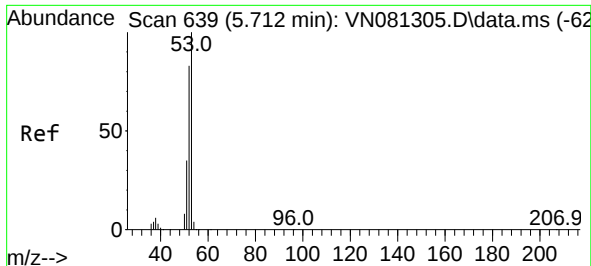
Ion Ratio Lower Upper

41 100

39 80.3 57.7 86.5

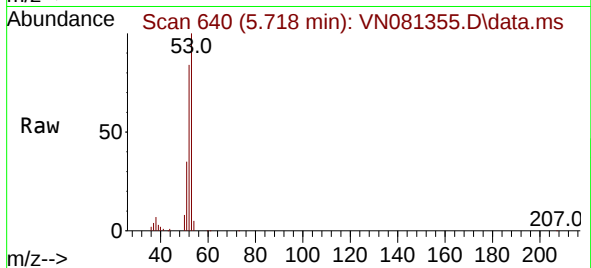
76 39.7 26.8 40.2





#15
Acrylonitrile
Concen: 98.561 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

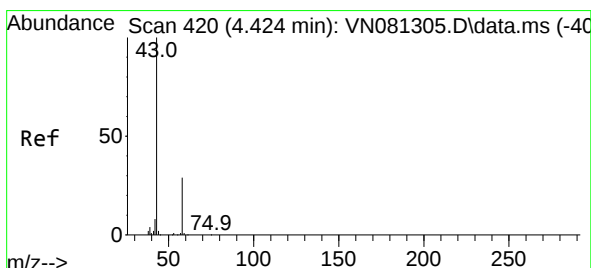
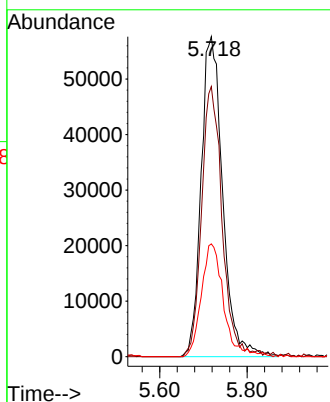
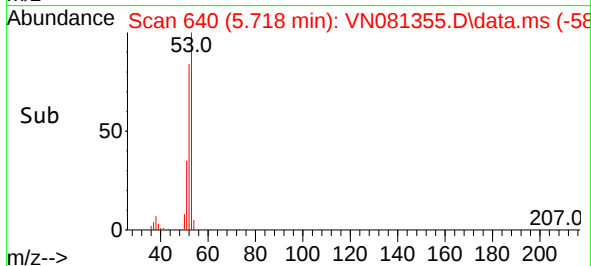
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



Tgt Ion: 53 Resp: 197408
Ion Ratio Lower Upper
53 100
52 79.8 64.8 97.2
51 36.4 26.9 40.3

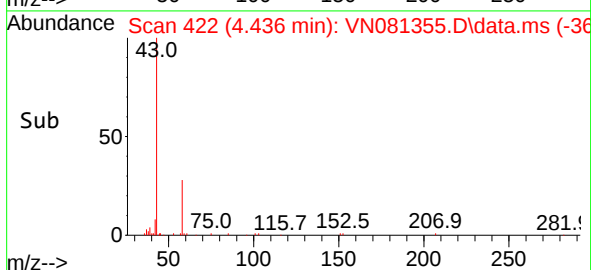
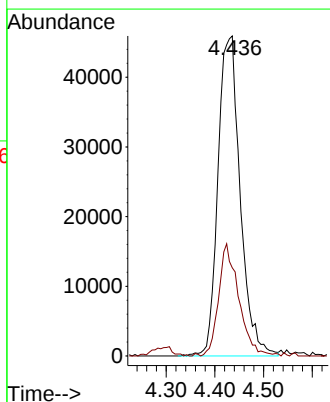
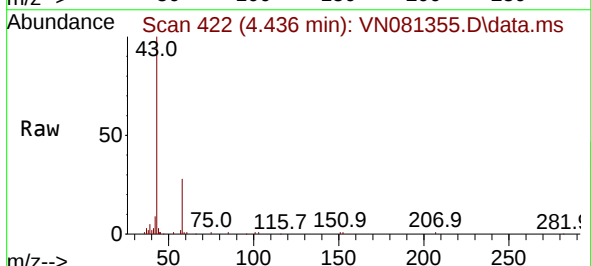
Manual Integrations
APPROVED

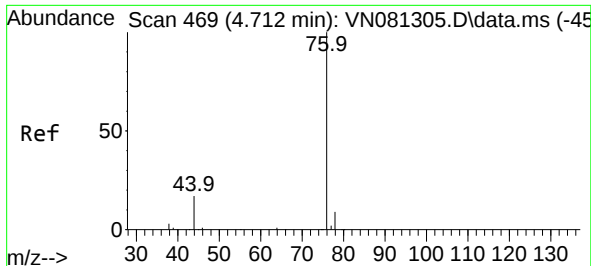
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#16
Acetone
Concen: 93.886 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

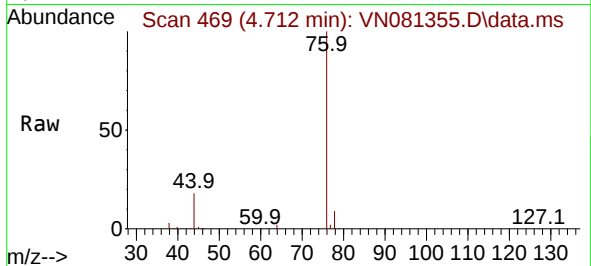
Tgt Ion: 43 Resp: 145850
Ion Ratio Lower Upper
43 100
58 27.2 24.8 37.2





#17
Carbon Disulfide
Concen: 18.428 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

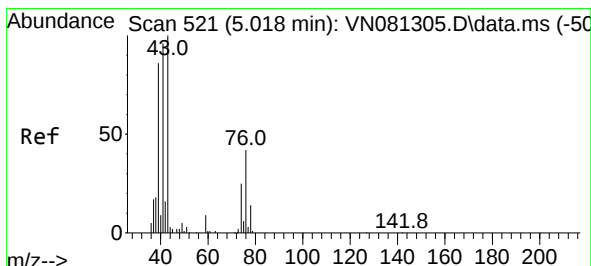
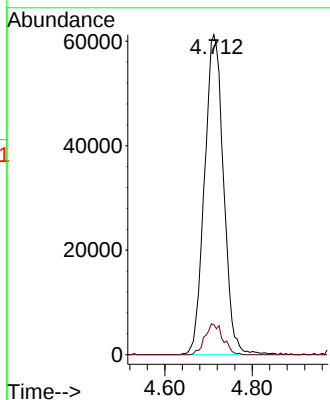
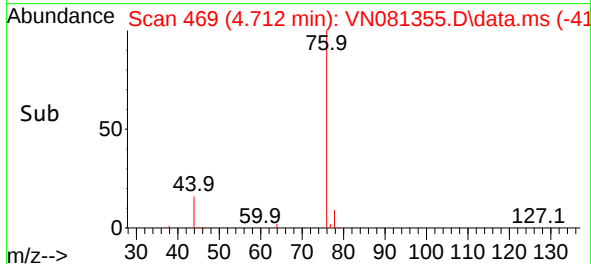
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



Tgt Ion: 76 Resp: 185872
Ion Ratio Lower Upper
76 100
78 9.4 6.3 9.5

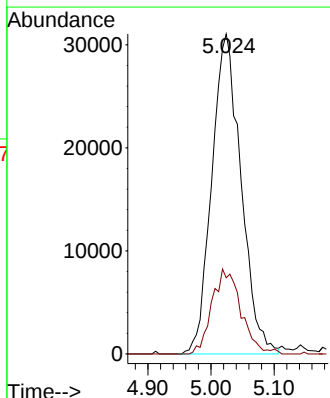
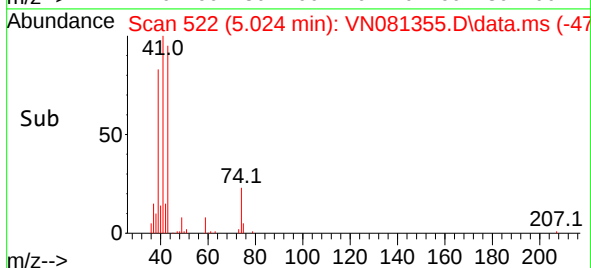
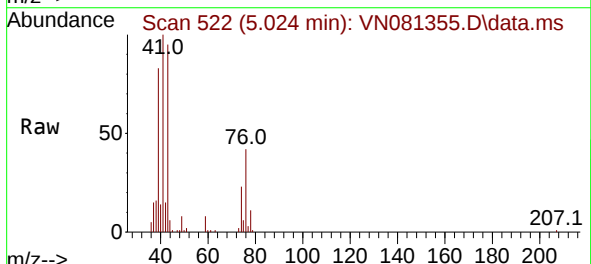
Manual Integrations
APPROVED

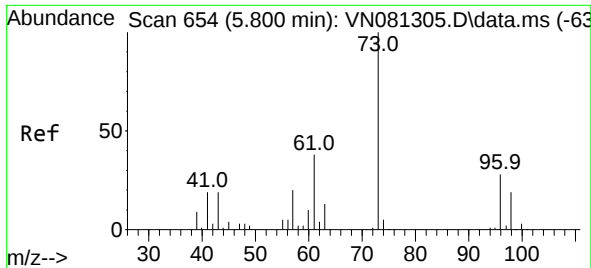
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#18
Methyl Acetate
Concen: 22.450 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

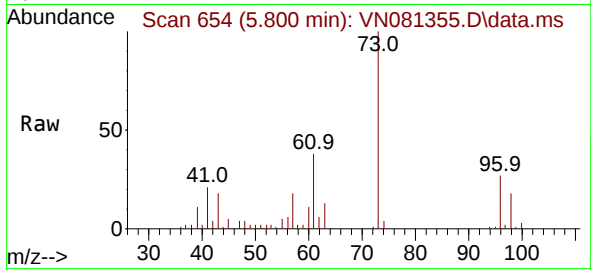
Tgt Ion: 43 Resp: 99850
Ion Ratio Lower Upper
43 100
74 26.1 17.3 25.9#





#19
Methyl tert-butyl Ether
Concen: 19.631 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

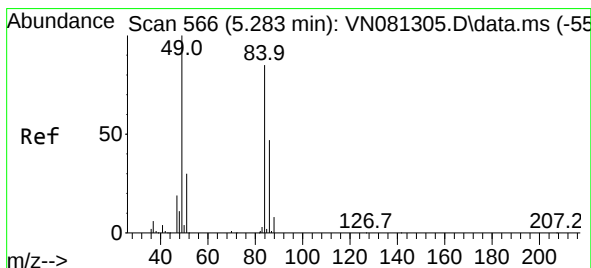
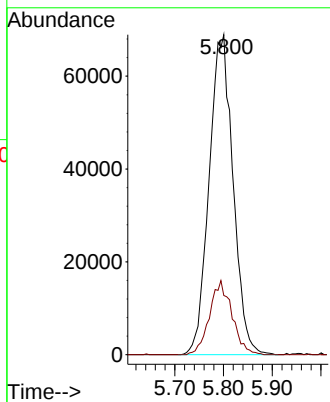
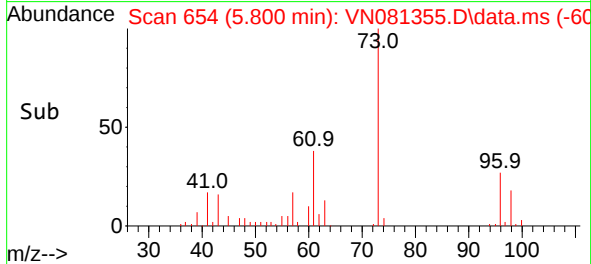
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



Tgt Ion: 73 Resp: 23529
Ion Ratio Lower Upper
73 100
57 18.5 18.2 27.4

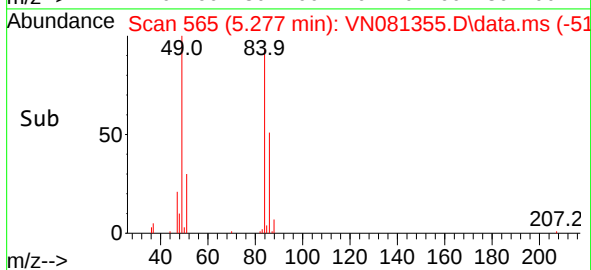
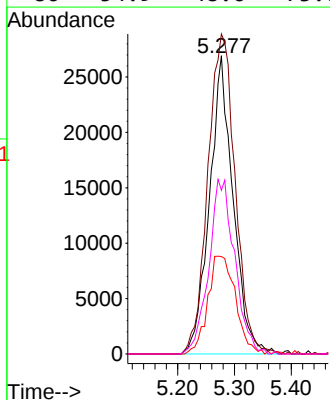
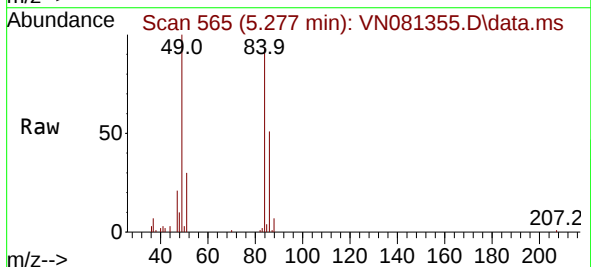
Manual Integrations
APPROVED

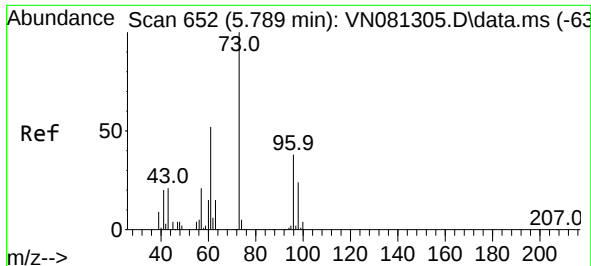
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#20
Methylene Chloride
Concen: 19.782 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

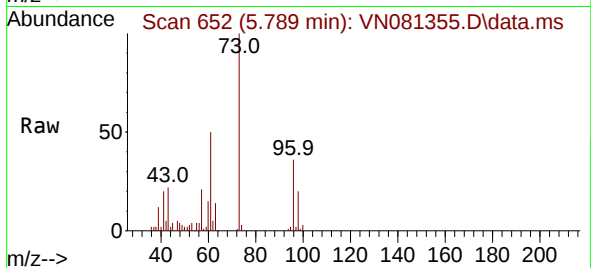
Tgt Ion: 84 Resp: 77791
Ion Ratio Lower Upper
84 100
49 107.3 108.1 162.1#
51 32.6 32.9 49.3#
86 54.9 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 18.049 ug/l
RT: 5.789 min Scan# 612
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

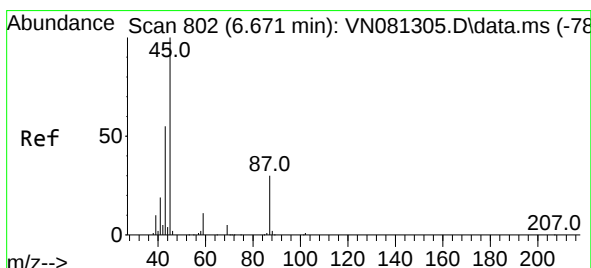
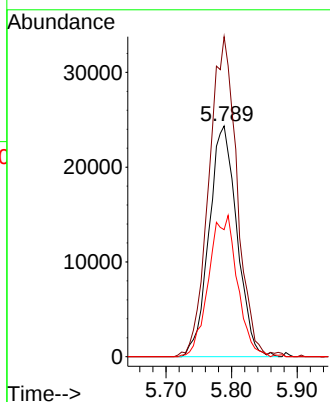
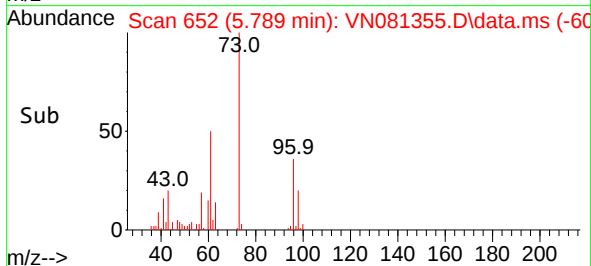
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



Tgt Ion: 96 Resp: 71912
Ion Ratio Lower Upper
96 100
61 137.9 112.8 169.2
98 55.0 51.0 76.4

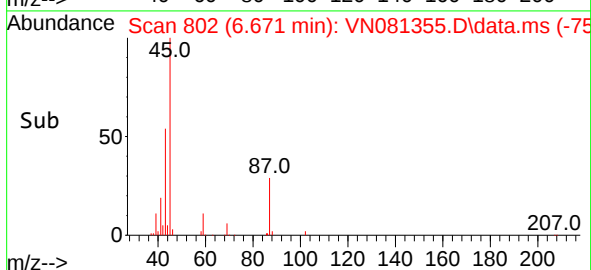
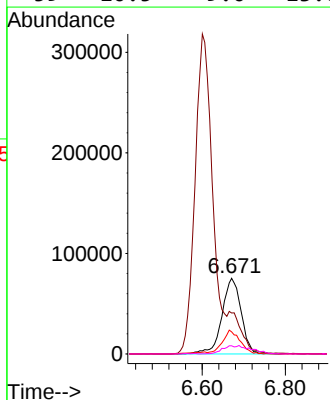
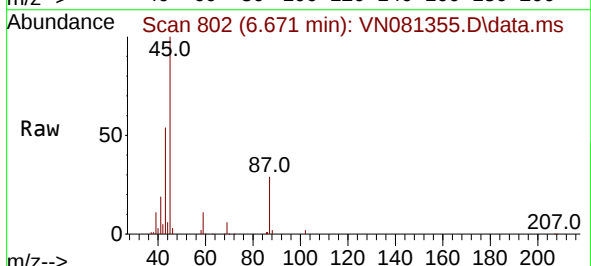
Manual Integrations
APPROVED

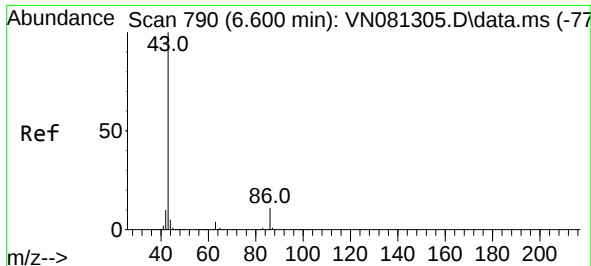
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#22
Diisopropyl ether
Concen: 20.656 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

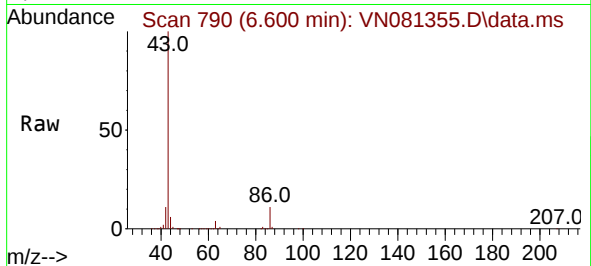
Tgt Ion: 45 Resp: 240619
Ion Ratio Lower Upper
45 100
43 53.2 41.8 62.8
87 29.1 18.1 27.1#
59 10.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 98.206 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081355.D
 Acq: 11 Mar 2024 11:42

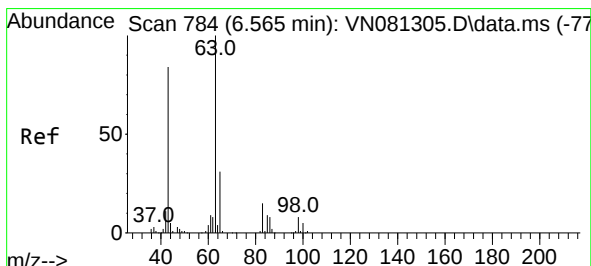
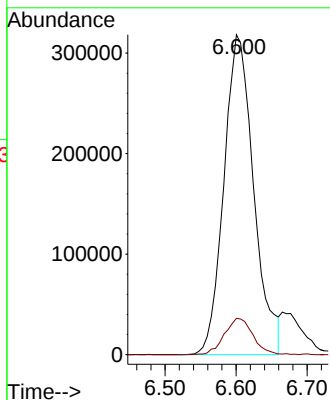
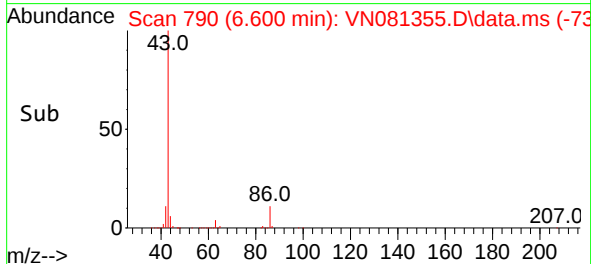
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311MBS01



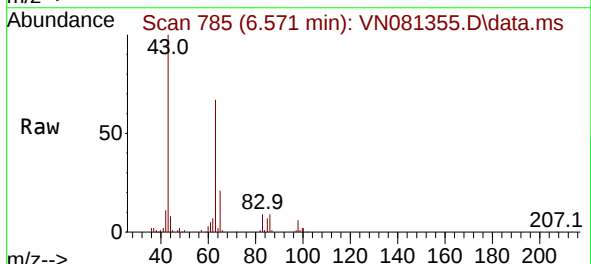
Tgt Ion: 43 Resp: 92935
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.1 10.7

Manual Integrations
 APPROVED

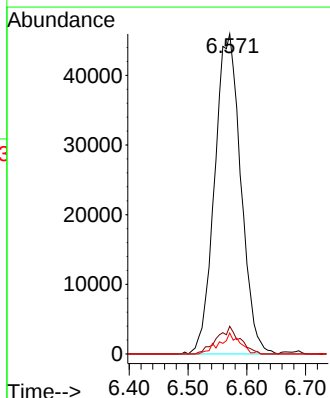
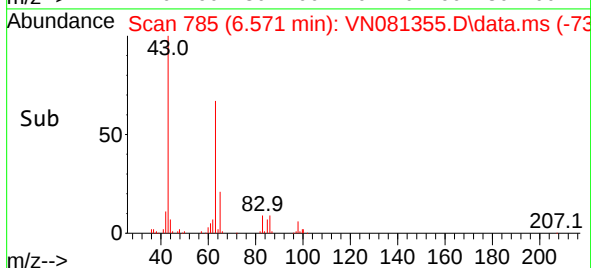
Reviewed By :John Carlone 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

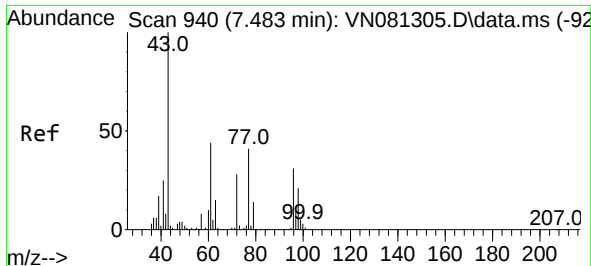


#24
 1,1-Dichloroethane
 Concen: 19.887 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081355.D
 Acq: 11 Mar 2024 11:42



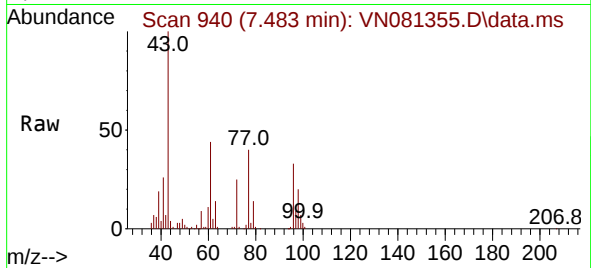
Tgt Ion: 63 Resp: 141810
 Ion Ratio Lower Upper
 63 100
 98 8.7 2.9 8.6#
 100 6.6 1.9 5.7#





#25
2-Butanone
Concen: 99.432 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

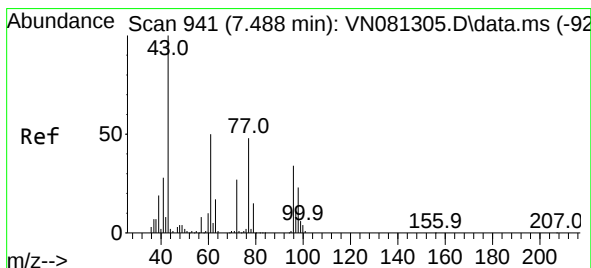
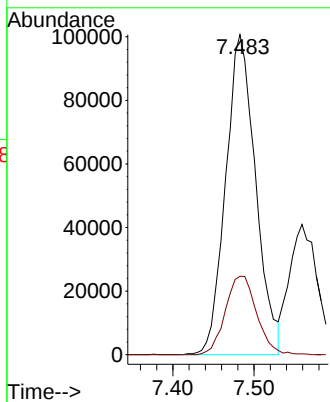
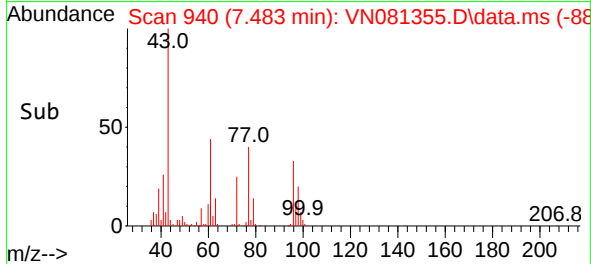
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



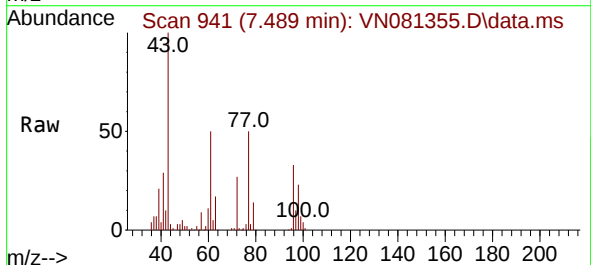
Tgt Ion: 43 Resp: 25868
Ion Ratio Lower Upper
43 100
72 24.5 19.5 29.3

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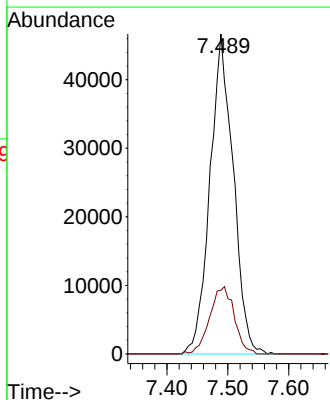
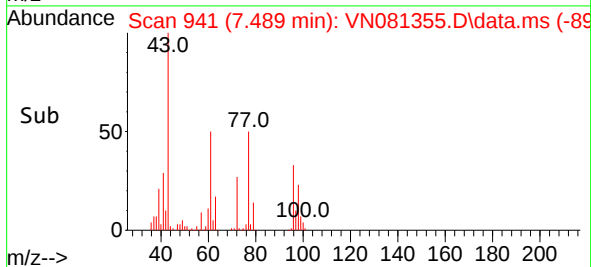
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

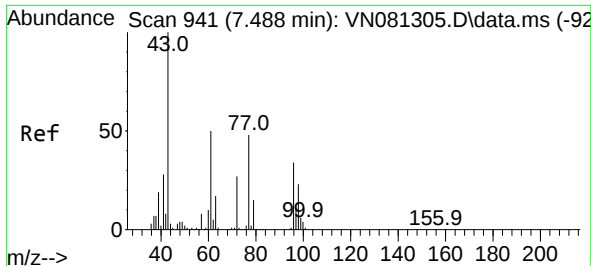


#26
2,2-Dichloropropane
Concen: 19.651 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42



Tgt Ion: 77 Resp: 123848
Ion Ratio Lower Upper
77 100
97 22.2 11.5 34.5





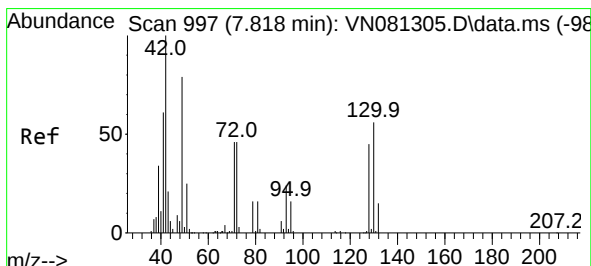
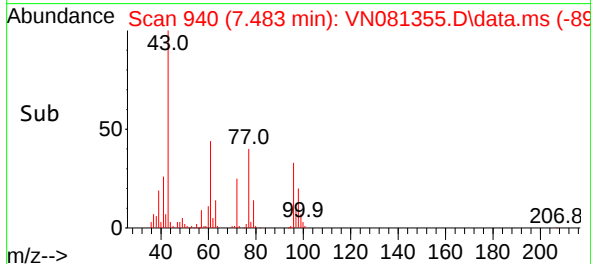
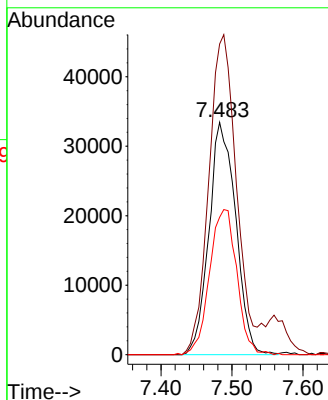
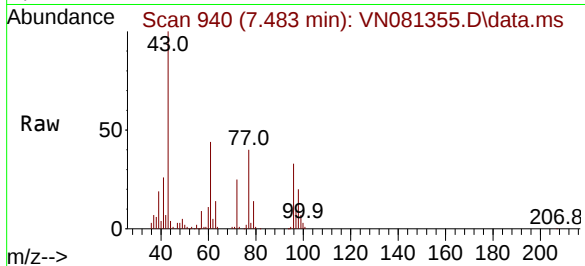
#27
 cis-1,2-Dichloroethene
 Concen: 19.398 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081355.D
 Acq: 11 Mar 2024 11:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311MBS01

Tgt Ion: 96 Resp: 8762
 Ion Ratio Lower Upper
 96 100
 61 141.7 0.0 325.4
 98 63.7 0.0 130.4

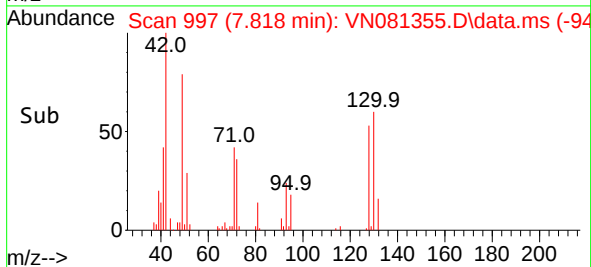
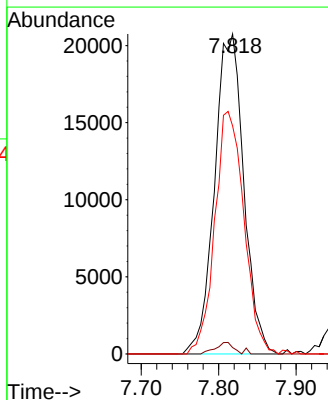
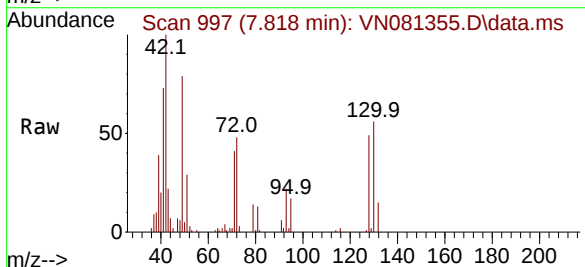
Manual Integrations
 APPROVED

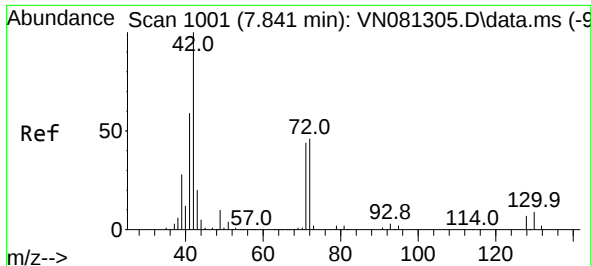
Reviewed By :John Carlone 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024



#28
 Bromochloromethane
 Concen: 17.832 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN081355.D
 Acq: 11 Mar 2024 11:42

Tgt Ion: 49 Resp: 54407
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 1.6#
 130 75.4 42.3 63.5#





#29

Tetrahydrofuran

Concen: 95.457 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN081355.D

Acq: 11 Mar 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0311MBS01

Tgt Ion: 42 Resp: 169344

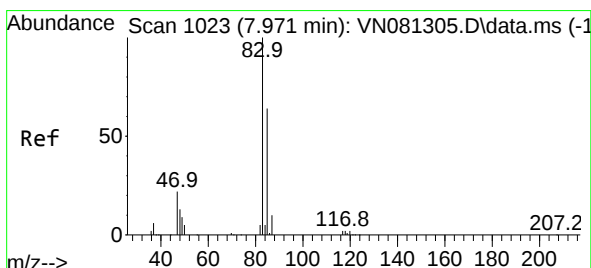
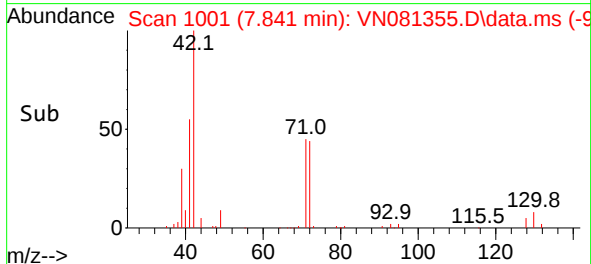
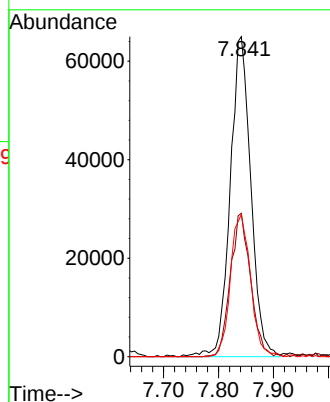
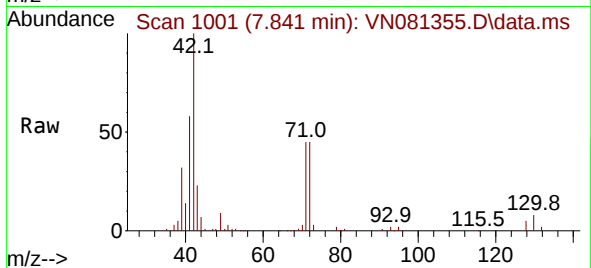
Ion	Ratio	Lower	Upper
42	100		
72	43.8	31.1	46.7
71	43.5	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#30

Chloroform

Concen: 20.199 ug/l

RT: 7.971 min Scan# 1023

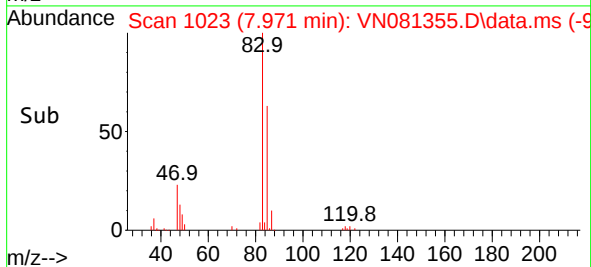
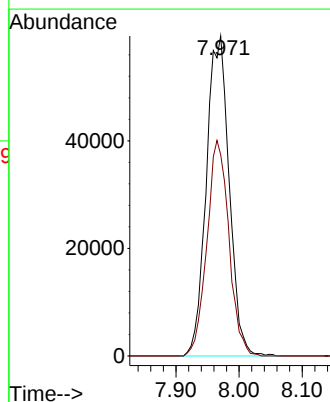
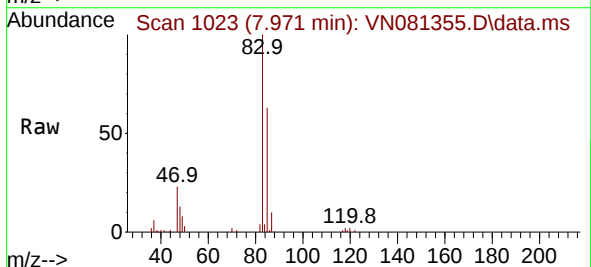
Delta R.T. 0.000 min

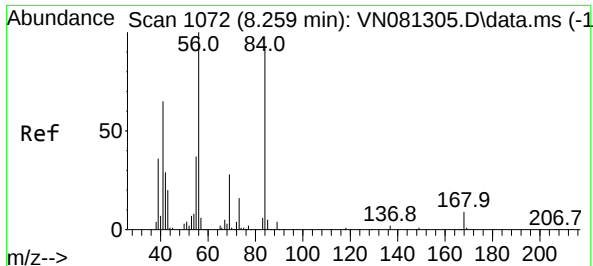
Lab File: VN081355.D

Acq: 11 Mar 2024 11:42

Tgt Ion: 83 Resp: 149469

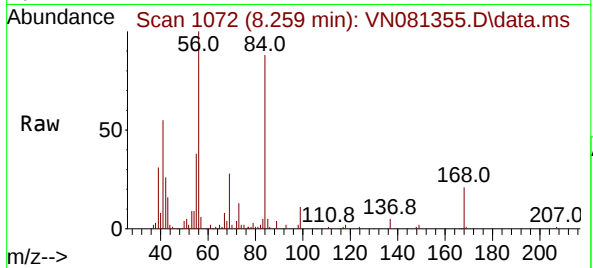
Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.0	76.6





#31
Cyclohexane
Concen: 18.768 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

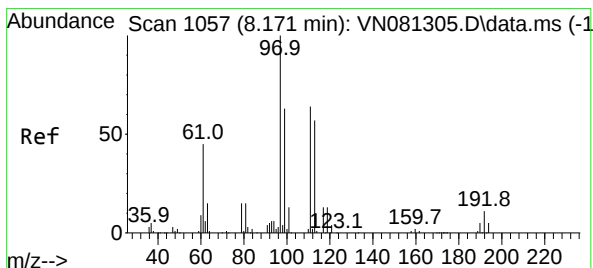
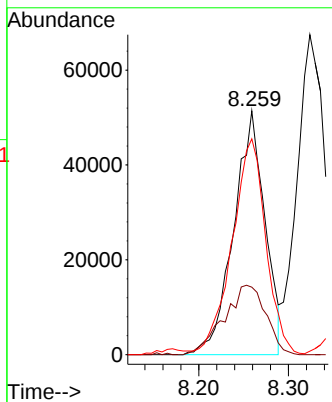
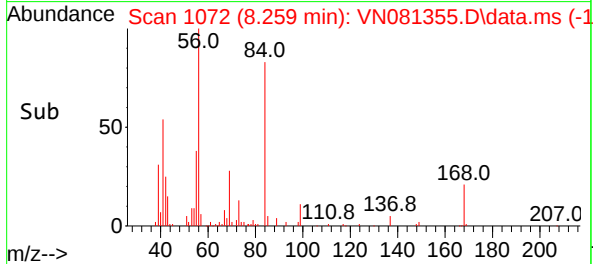
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



Tgt Ion: 56 Resp: 124584
Ion Ratio Lower Upper
56 100
69 27.7 20.1 30.1
84 86.7 56.9 85.3

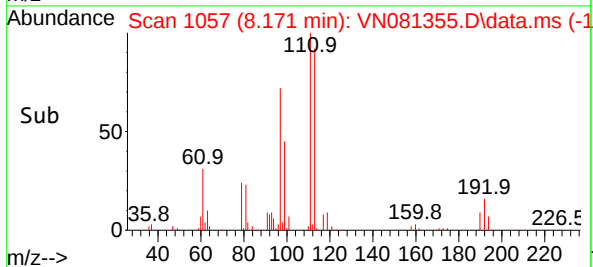
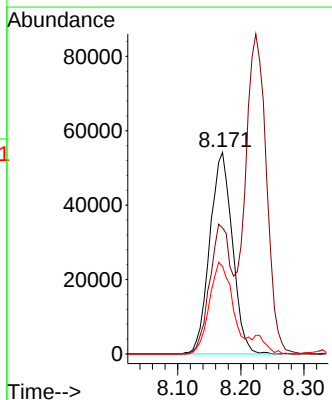
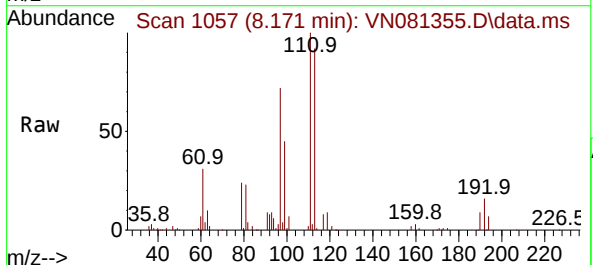
Manual Integrations
APPROVED

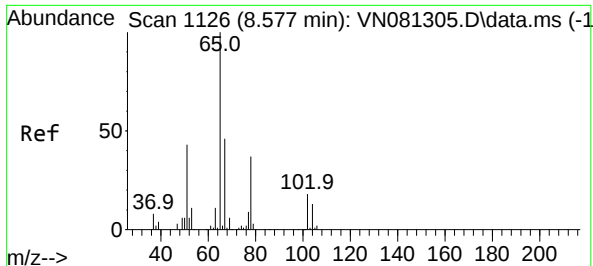
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#32
1,1,1-Trichloroethane
Concen: 20.619 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

Tgt Ion: 97 Resp: 134864
Ion Ratio Lower Upper
97 100
99 60.0 53.4 80.0
61 46.1 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 52.982 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081355.D

Acq: 11 Mar 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0311MBS01

Tgt Ion: 65 Resp: 232300

Ion Ratio Lower Upper

65 100

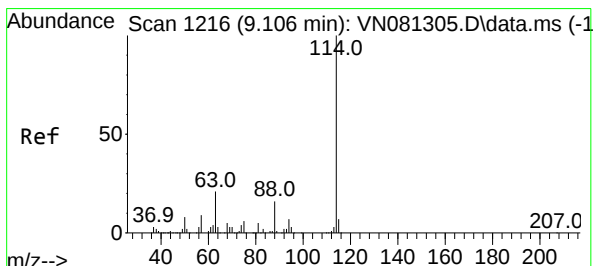
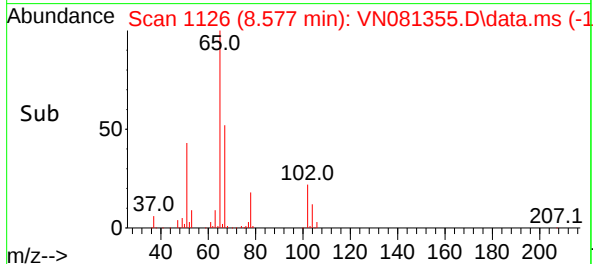
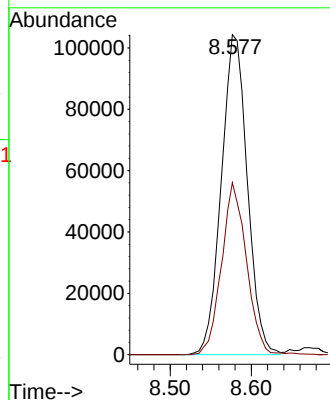
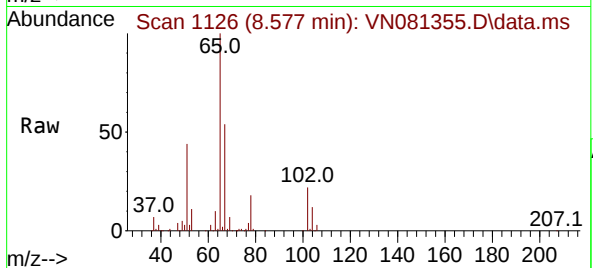
67 51.5 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081355.D

Acq: 11 Mar 2024 11:42

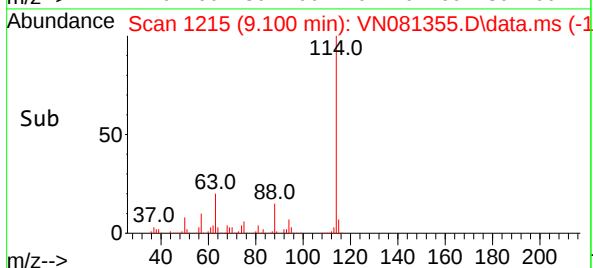
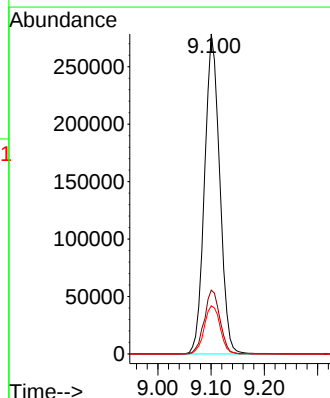
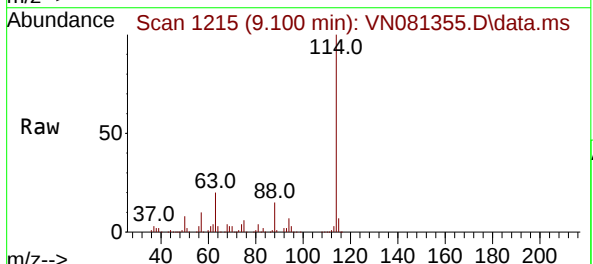
Tgt Ion:114 Resp: 549588

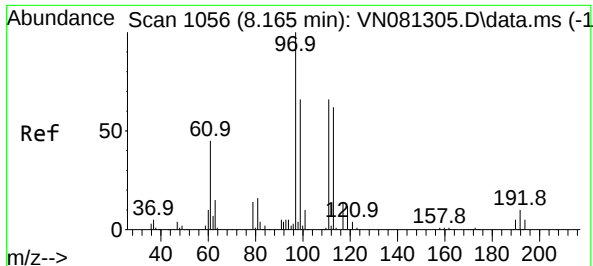
Ion Ratio Lower Upper

114 100

63 20.0 0.0 48.0

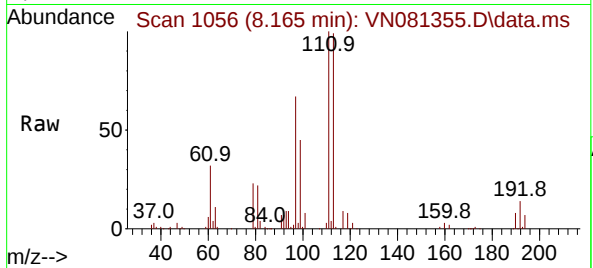
88 15.1 0.0 34.8





#35
Dibromofluoromethane
Concen: 53.057 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

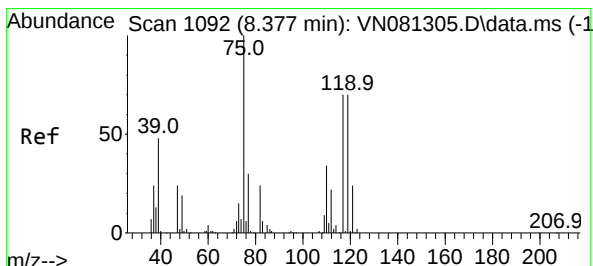
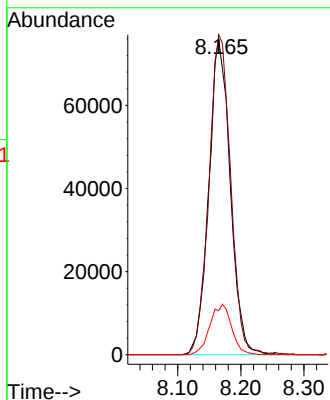
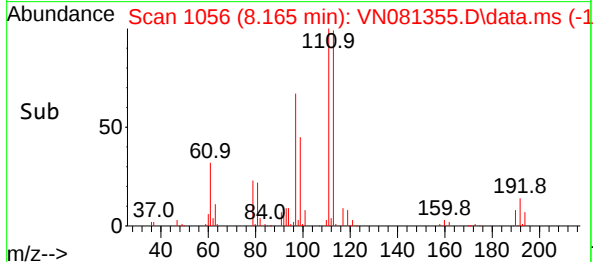
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



Tgt Ion: 113 Resp: 178650
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 16.3 12.5 18.7

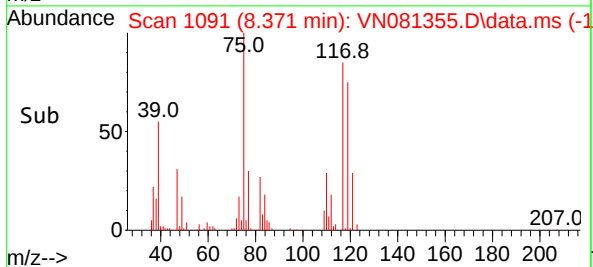
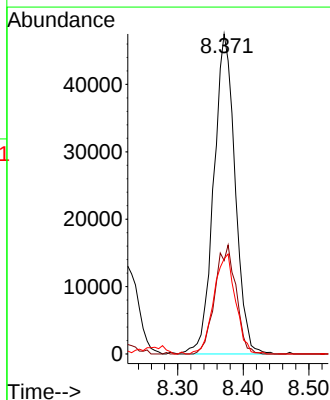
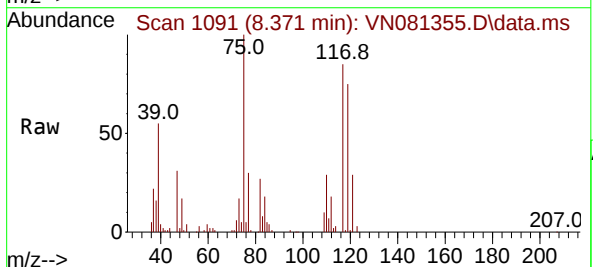
Manual Integrations
APPROVED

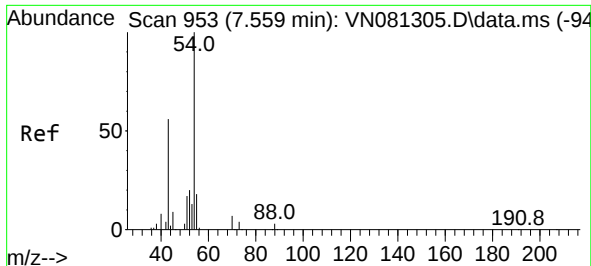
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#36
1,1-Dichloropropene
Concen: 19.704 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

Tgt Ion: 75 Resp: 107036
Ion Ratio Lower Upper
75 100
110 33.7 16.0 48.0
77 31.8 25.8 38.6





#37

Ethyl Acetate

Concen: 19.076 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081355.D

Acq: 11 Mar 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0311MBS01

Tgt Ion: 43 Resp: 101299

Ion Ratio Lower Upper

43 100

61 9.9 10.6 15.8

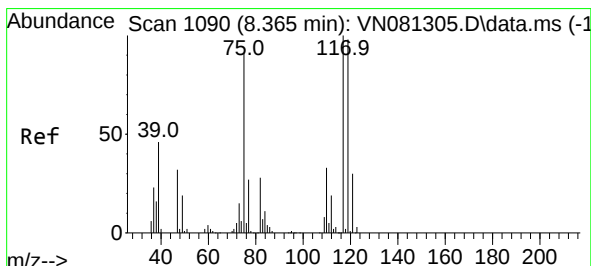
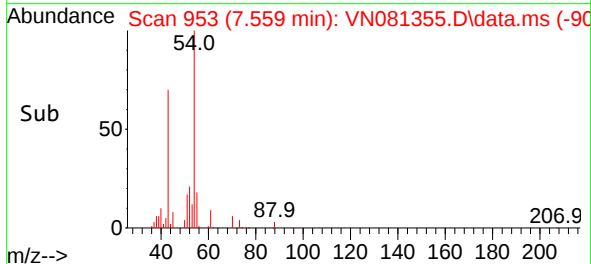
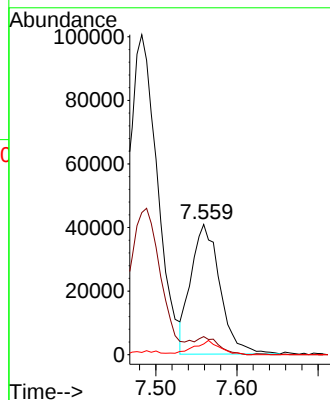
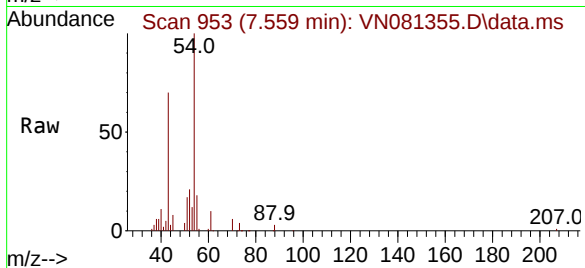
70 9.9 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#38

Carbon Tetrachloride

Concen: 21.085 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN081355.D

Acq: 11 Mar 2024 11:42

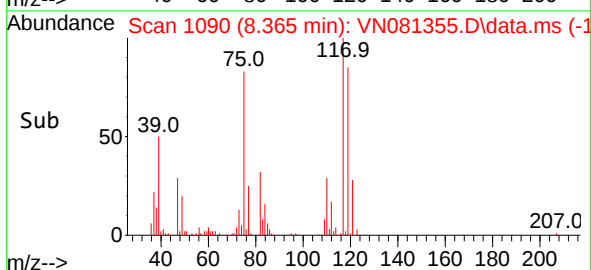
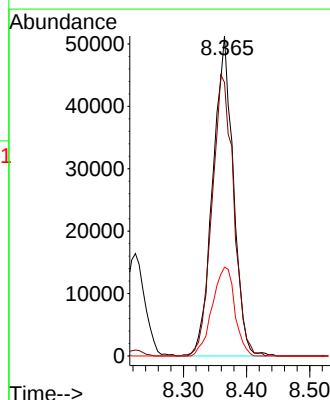
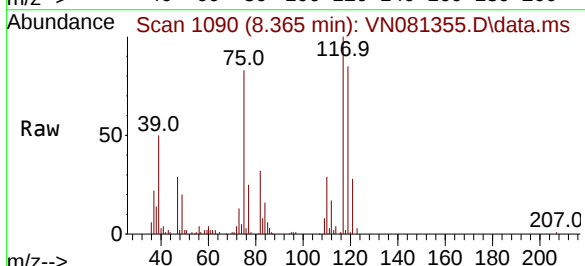
Tgt Ion:117 Resp: 115277

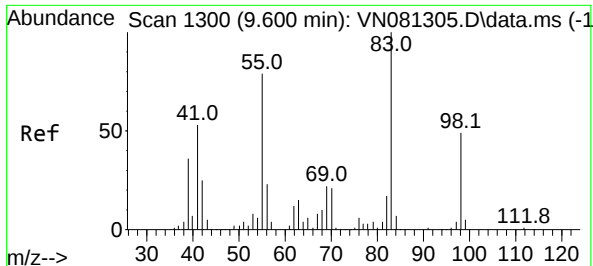
Ion Ratio Lower Upper

117 100

119 85.5 73.4 110.2

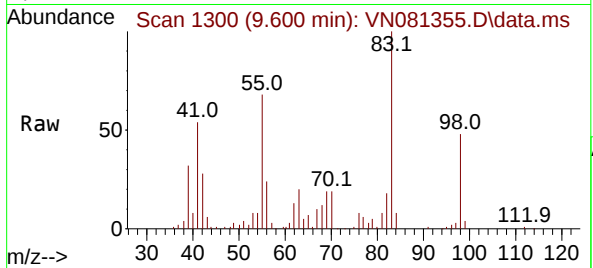
121 27.7 24.4 36.6





#39
Methylcyclohexane
Concen: 19.076 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

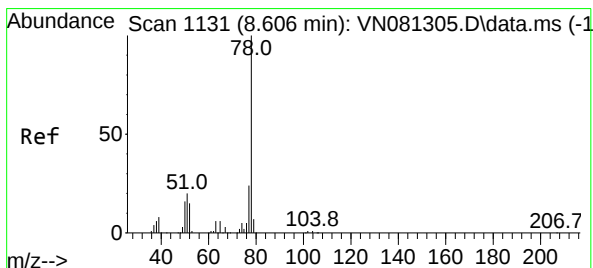
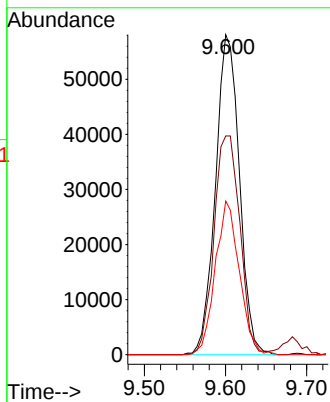
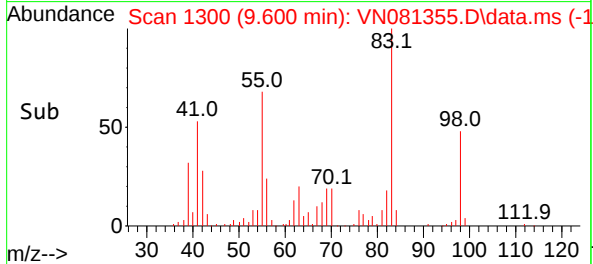
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



Tgt Ion: 83 Resp: 119260
Ion Ratio Lower Upper
83 100
55 68.4 65.7 98.5
98 48.0 33.8 50.6

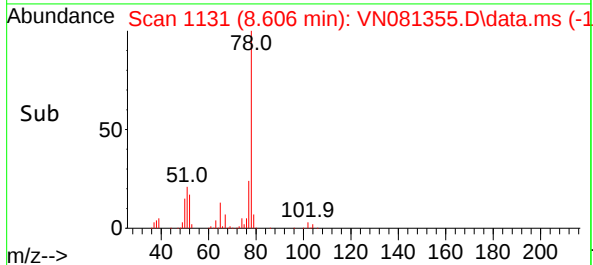
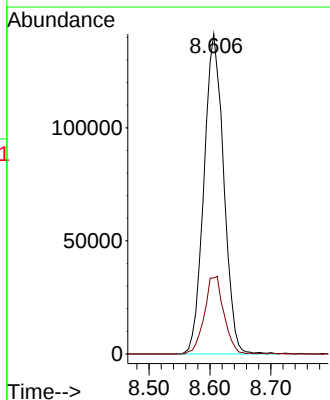
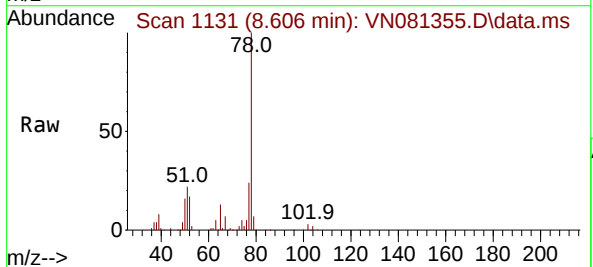
Manual Integrations
APPROVED

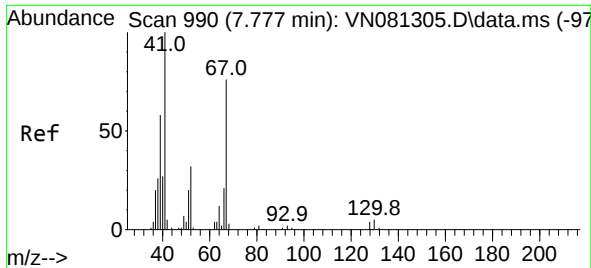
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#40
Benzene
Concen: 19.649 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

Tgt Ion: 78 Resp: 318598
Ion Ratio Lower Upper
78 100
77 23.7 20.4 30.6





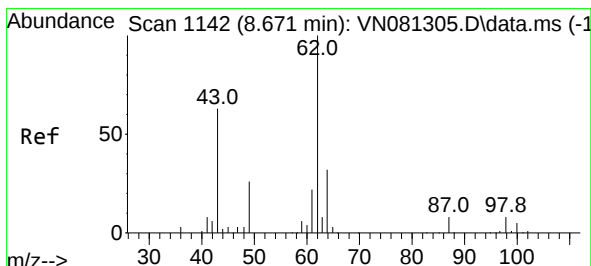
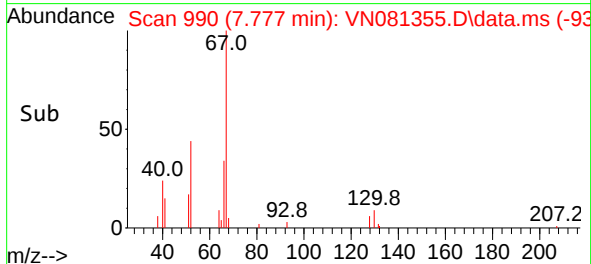
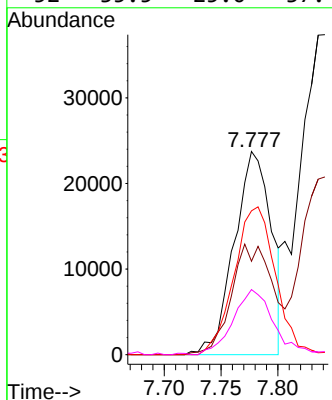
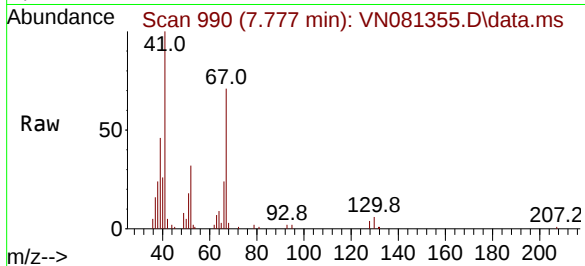
#41
Methacrylonitrile
Concen: 18.009 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01

Tgt Ion:	41	Resp:	54000
Ion Ratio	Lower	Upper	
41	100		
39	61.0	48.4	72.6
67	80.7	56.8	85.2
52	35.5	25.0	37.4

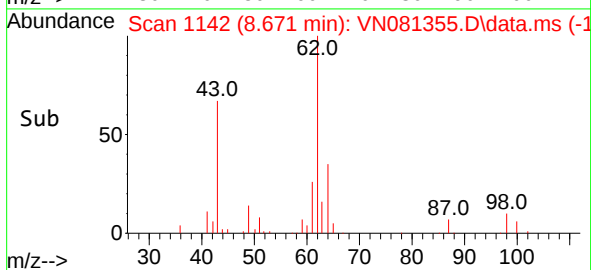
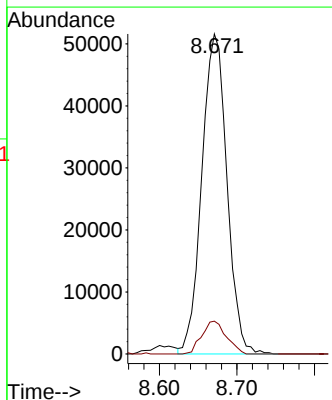
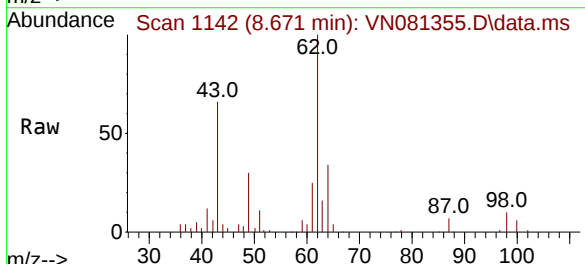
Manual Integrations
APPROVED

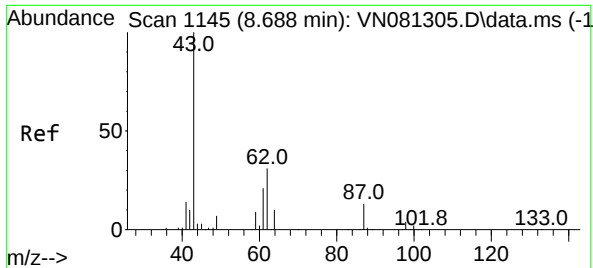
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#42
1,2-Dichloroethane
Concen: 20.340 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

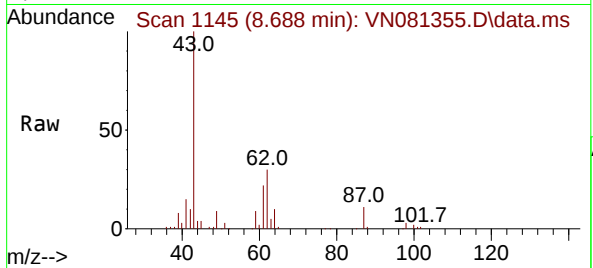
Tgt Ion:	62	Resp:	116286
Ion Ratio	Lower	Upper	
62	100		
98	10.0	0.0	18.0





#43
Isopropyl Acetate
Concen: 19.126 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

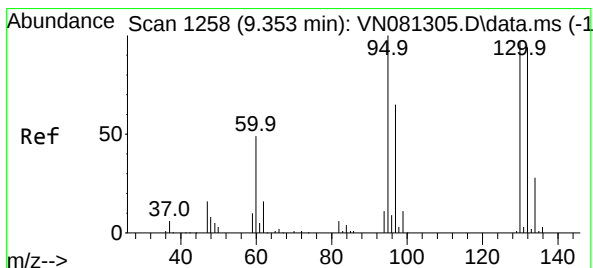
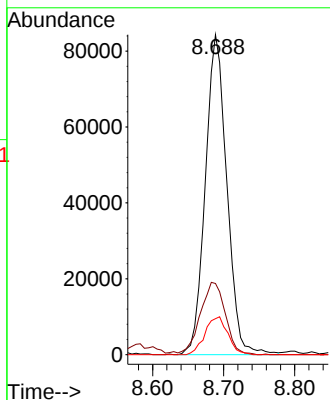
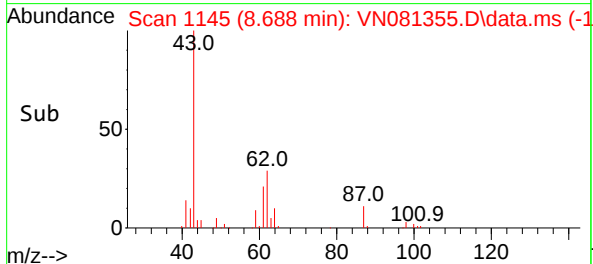
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



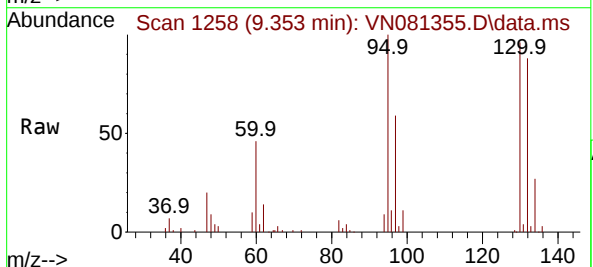
Tgt Ion: 43 Resp: 17776
Ion Ratio Lower Upper
43 100
61 26.4 19.9 29.9
87 12.5 9.0 13.6

Manual Integrations
APPROVED

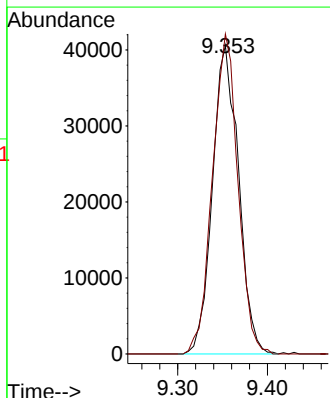
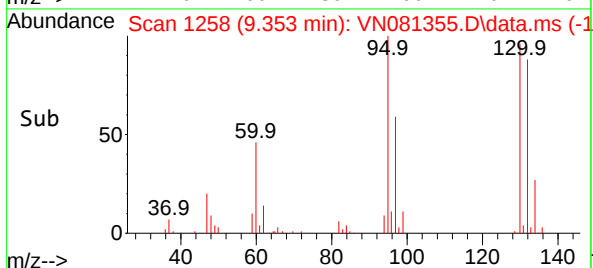
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

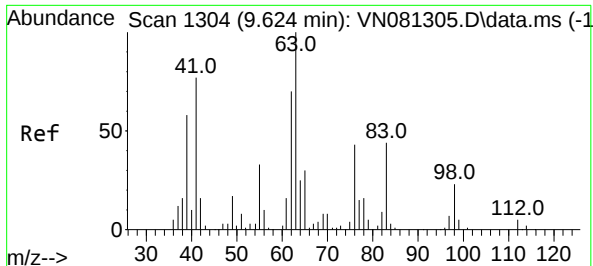


#44
Trichloroethene
Concen: 20.039 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42



Tgt Ion:130 Resp: 81949
Ion Ratio Lower Upper
130 100
95 103.7 0.0 210.4





#45

1,2-Dichloropropane

Concen: 20.007 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081355.D

Acq: 11 Mar 2024 11:42

Instrument :

MSVOA_N

ClientSampleId :

VN0311MBS01

Tgt Ion: 63 Resp: 8149

Ion Ratio Lower Upper

63 100

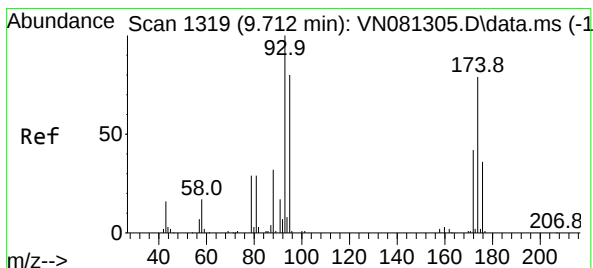
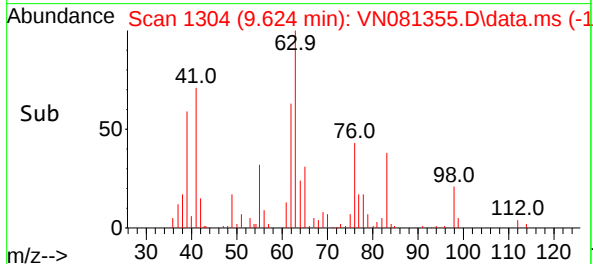
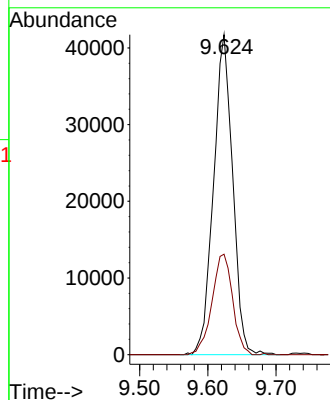
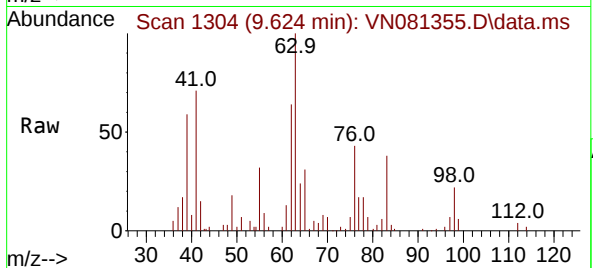
65 31.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2024

Supervised By :Mahesh Dadoda 03/12/2024



#46

Dibromomethane

Concen: 20.327 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081355.D

Acq: 11 Mar 2024 11:42

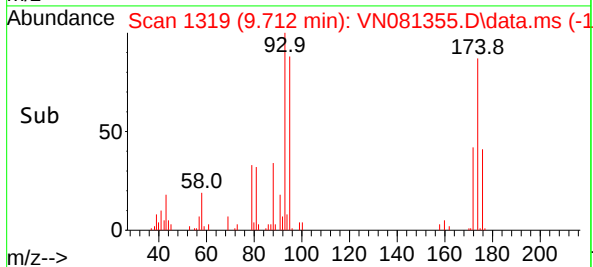
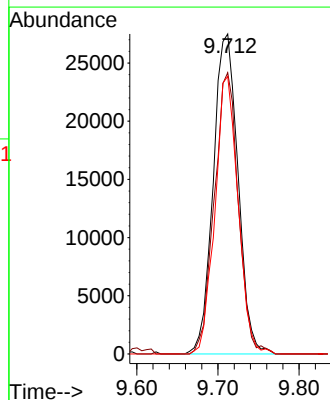
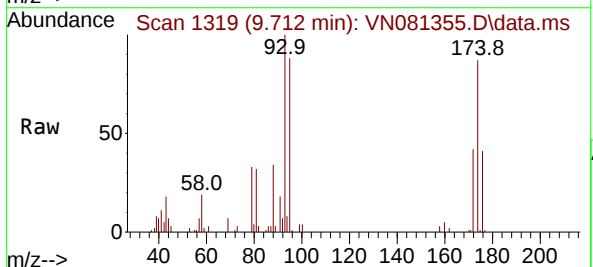
Tgt Ion: 93 Resp: 58360

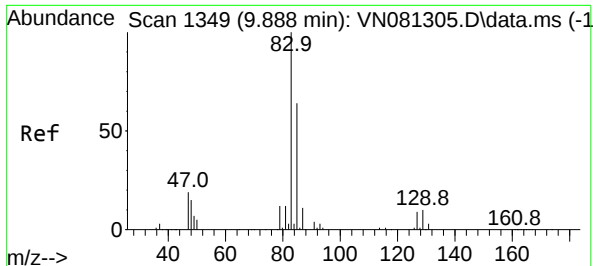
Ion Ratio Lower Upper

93 100

95 85.1 68.1 102.1

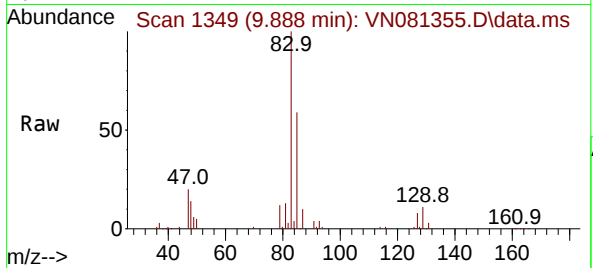
174 80.8 57.2 85.8





#47
Bromodichloromethane
Concen: 20.544 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

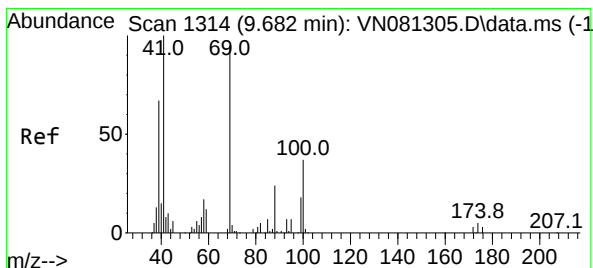
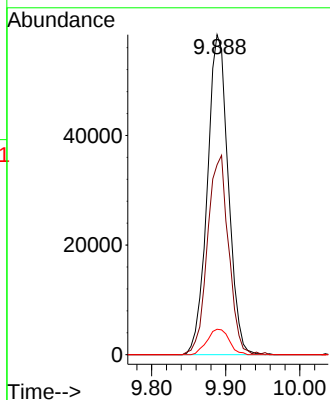
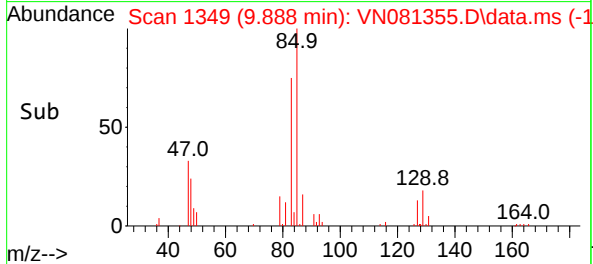
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



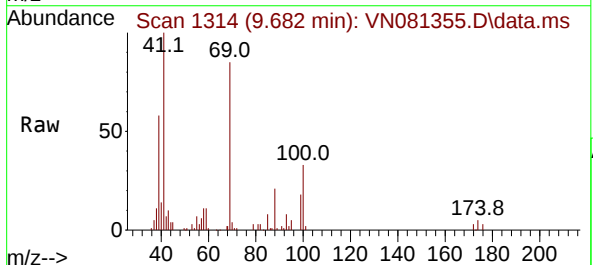
Tgt Ion: 83 Resp: 114504
Ion Ratio Lower Upper
83 100
85 59.4 52.3 78.5
127 8.0 4.6 7.0

Manual Integrations
APPROVED

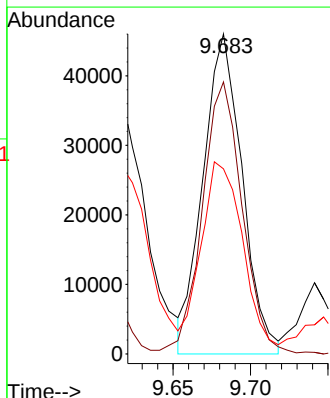
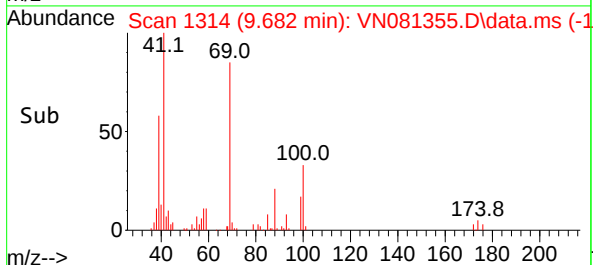
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

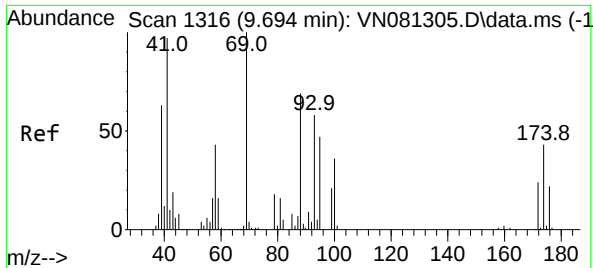


#48
Methyl methacrylate
Concen: 19.692 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42



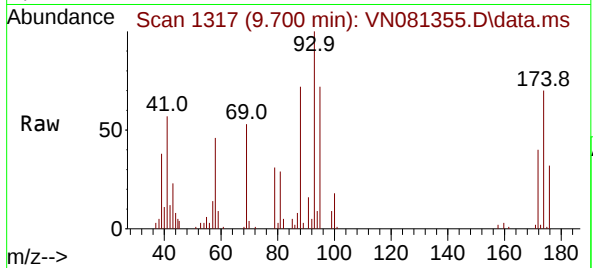
Tgt Ion: 41 Resp: 80901
Ion Ratio Lower Upper
41 100
69 86.8 62.2 93.2
39 64.8 47.6 71.4





#49
1,4-Dioxane
Concen: 392.262 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

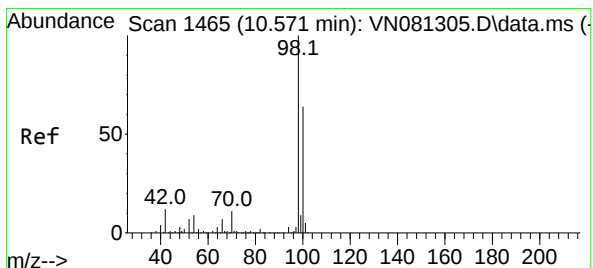
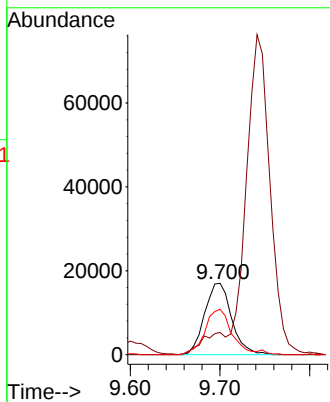
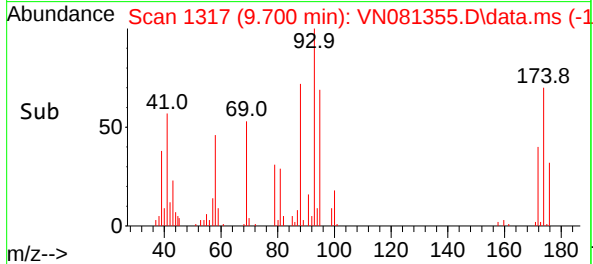
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



Tgt Ion: 88 Resp: 35520
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1
58 64.8 63.9 95.9

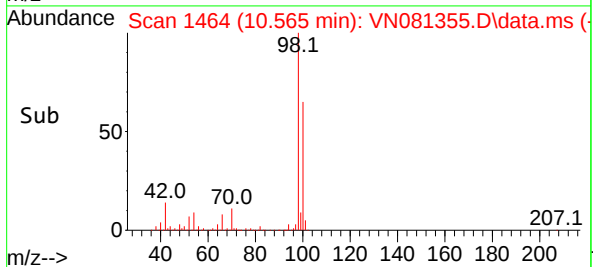
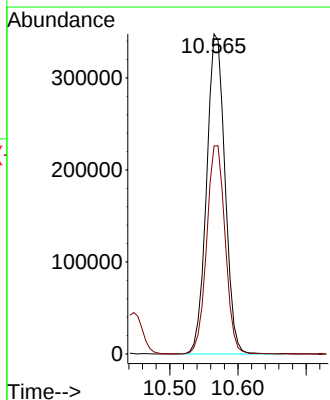
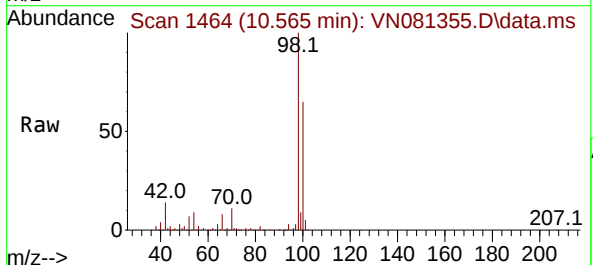
Manual Integrations
APPROVED

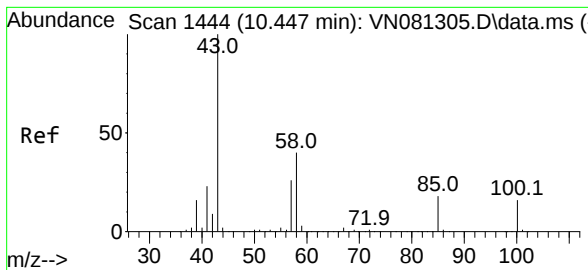
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#50
Toluene-d8
Concen: 51.693 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

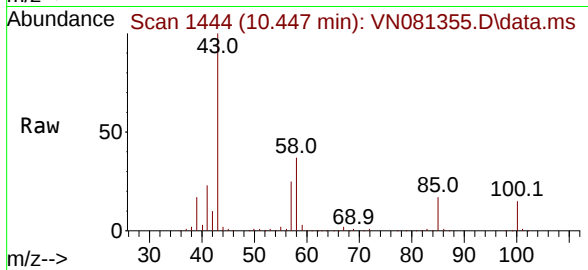
Tgt Ion: 98 Resp: 650666
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 101.170 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

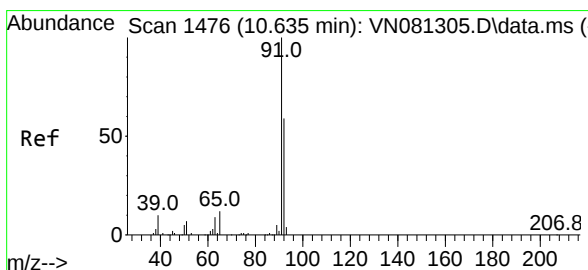
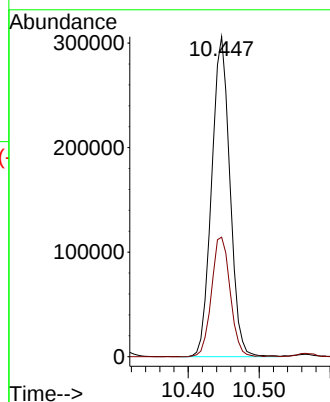
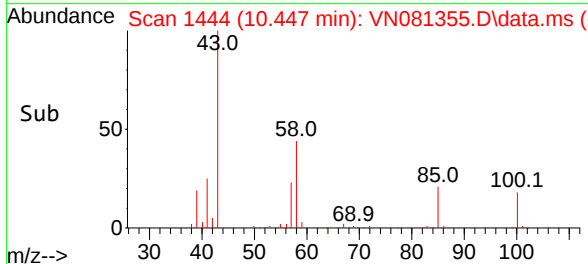
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



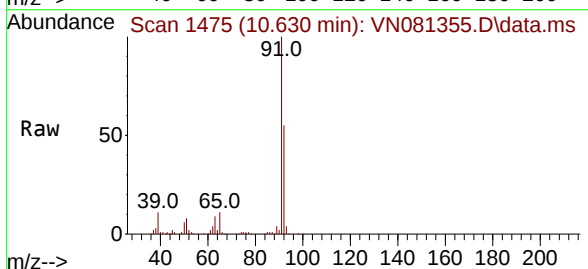
Tgt Ion: 43 Resp: 54599
Ion Ratio Lower Upper
43 100
58 38.3 29.4 44.0

Manual Integrations
APPROVED

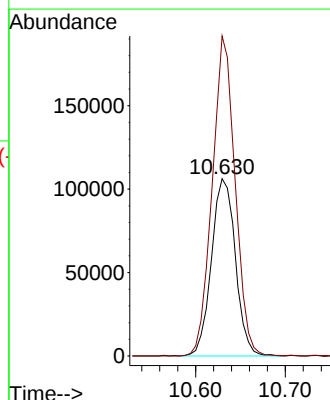
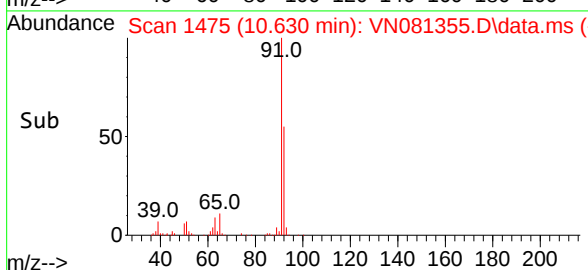
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

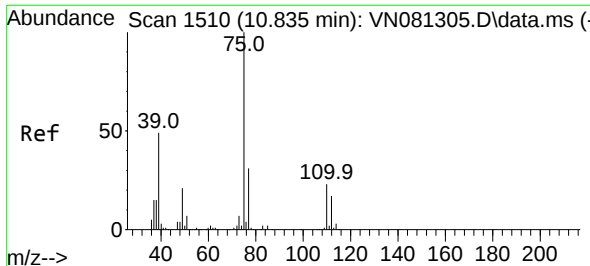


#52
Toluene
Concen: 20.088 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42



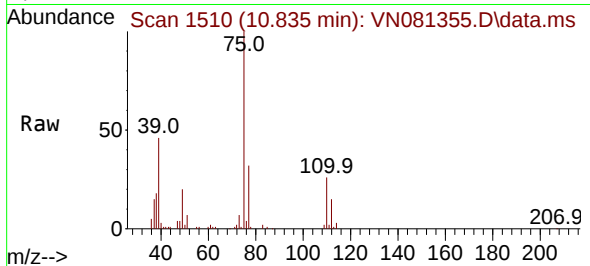
Tgt Ion: 92 Resp: 196760
Ion Ratio Lower Upper
92 100
91 172.6 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 19.560 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

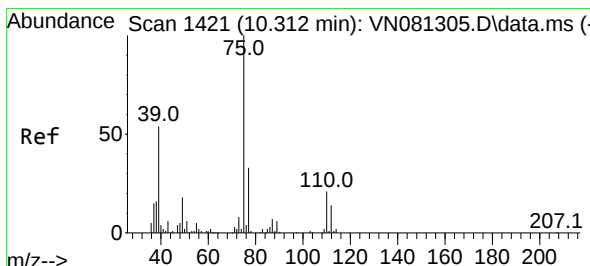
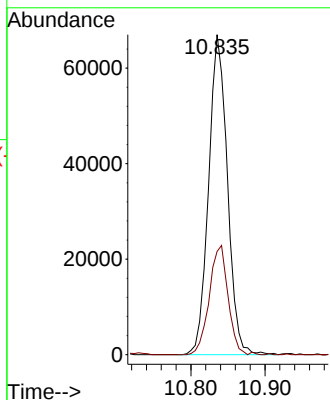
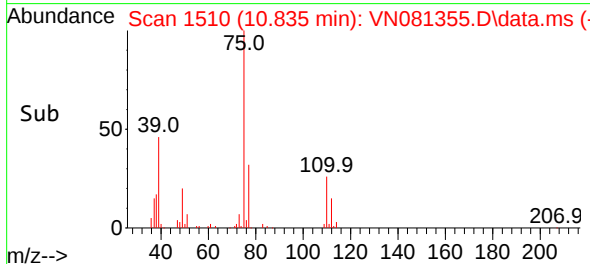
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



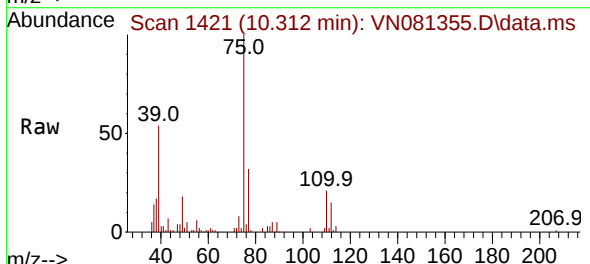
Tgt Ion: 75 Resp: 11795
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3

Manual Integrations
APPROVED

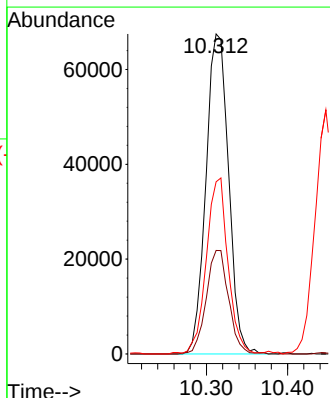
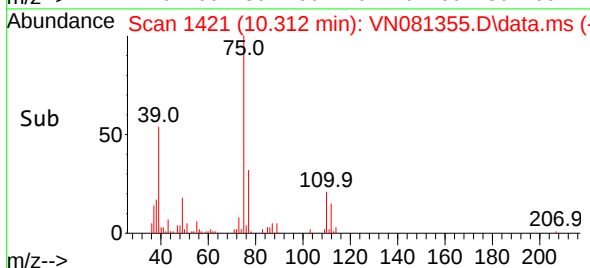
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

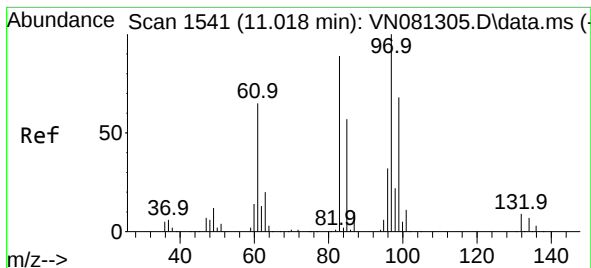


#54
cis-1,3-Dichloropropene
Concen: 20.077 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42



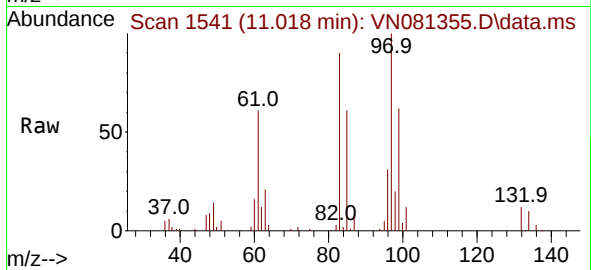
Tgt Ion: 75 Resp: 130707
Ion Ratio Lower Upper
75 100
77 32.4 23.3 34.9
39 53.4 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 20.264 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

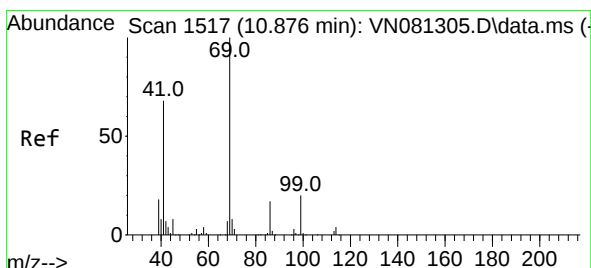
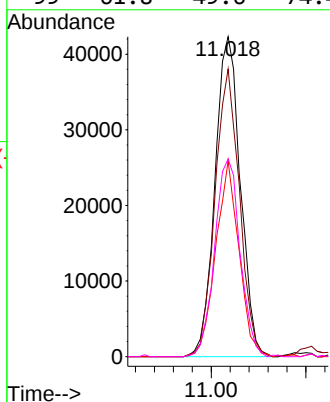
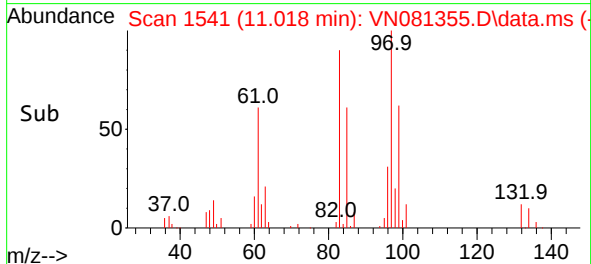
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



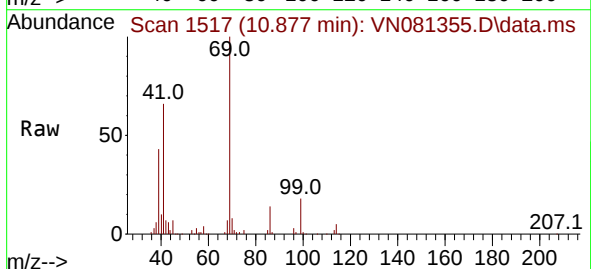
Tgt Ion: 97 Resp: 78708
Ion Ratio Lower Upper
97 100
83 89.9 72.9 109.3
85 61.2 50.2 75.2
99 61.8 49.6 74.4

Manual Integrations
APPROVED

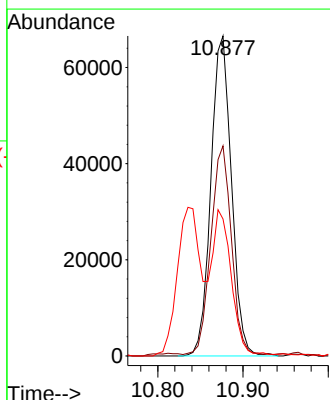
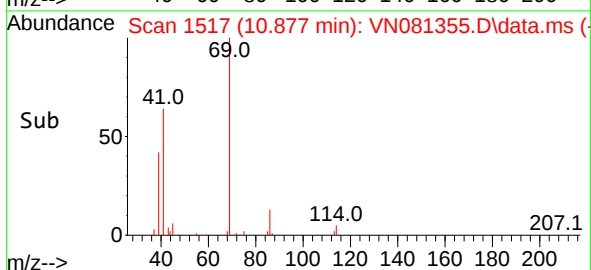
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

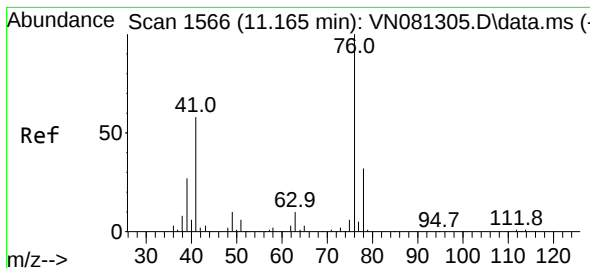


#56
Ethyl methacrylate
Concen: 20.045 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42



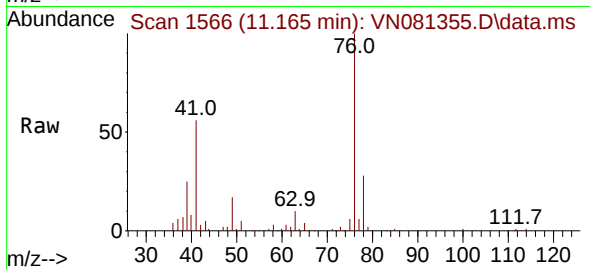
Tgt Ion: 69 Resp: 111798
Ion Ratio Lower Upper
69 100
41 65.5 61.0 91.6
39 44.8 31.8 47.6





#57
1,3-Dichloropropane
Concen: 20.080 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

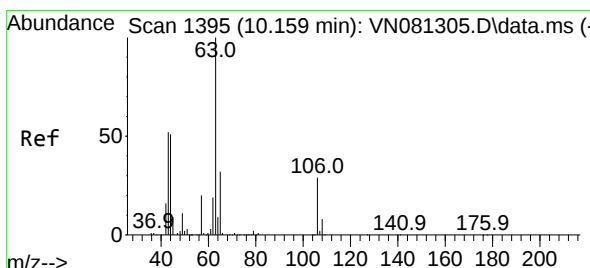
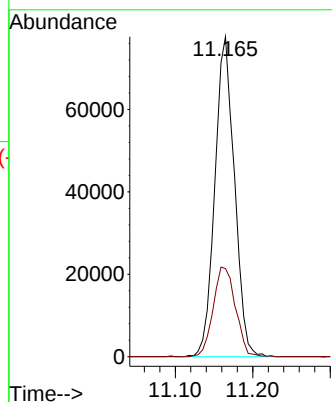
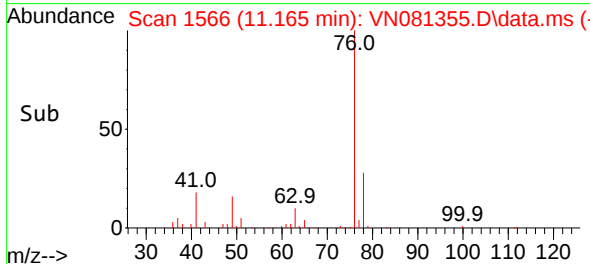
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



Tgt Ion: 76 Resp: 13612
Ion Ratio Lower Upper
76 100
78 31.9 25.5 38.3

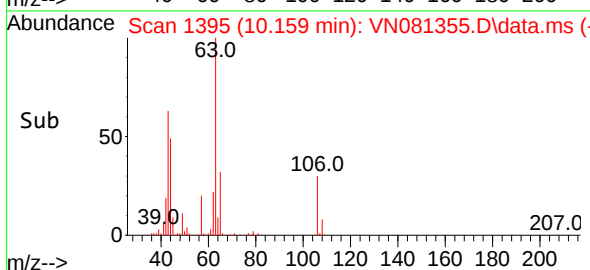
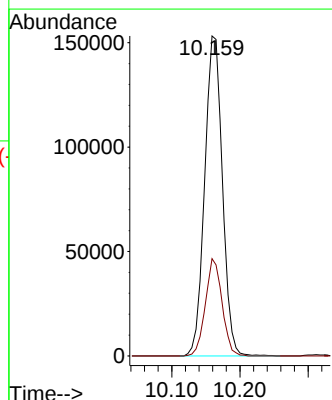
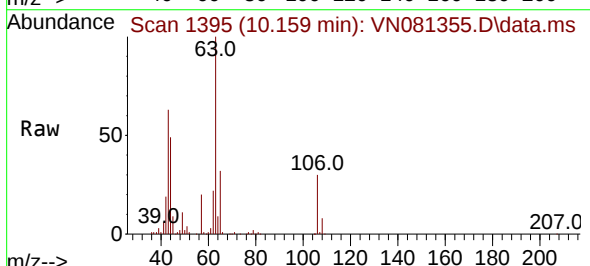
Manual Integrations
APPROVED

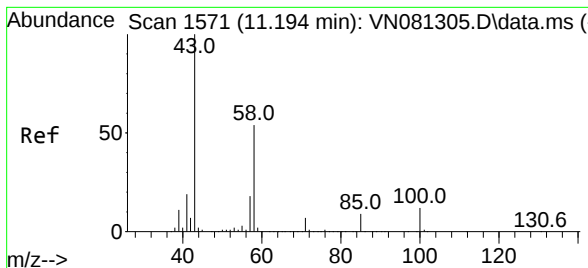
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#58
2-Chloroethyl Vinyl ether
Concen: 92.431 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

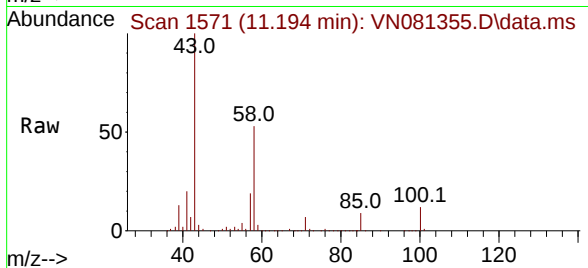
Tgt Ion: 63 Resp: 277310
Ion Ratio Lower Upper
63 100
106 28.6 18.6 28.0#





#59
2-Hexanone
Concen: 100.241 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

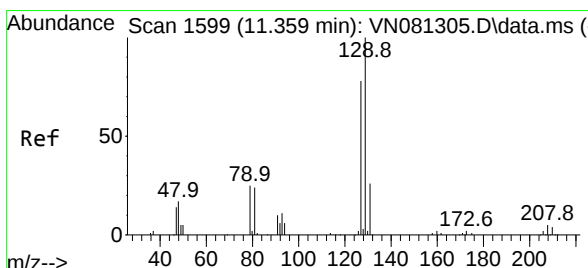
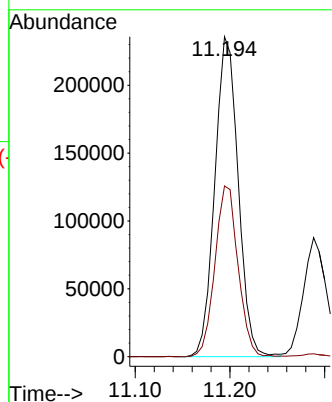
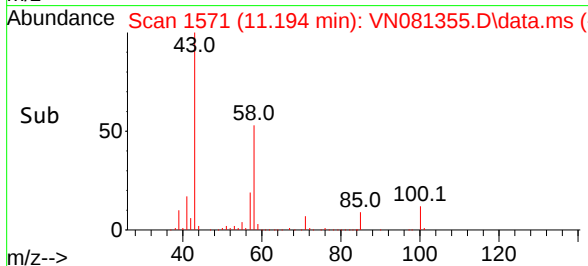
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



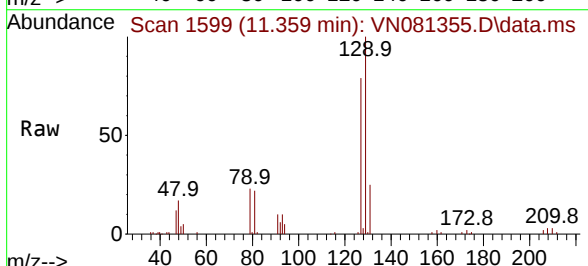
Tgt Ion: 43 Resp: 404420
Ion Ratio Lower Upper
43 100
58 52.8 25.9 77.8

Manual Integrations
APPROVED

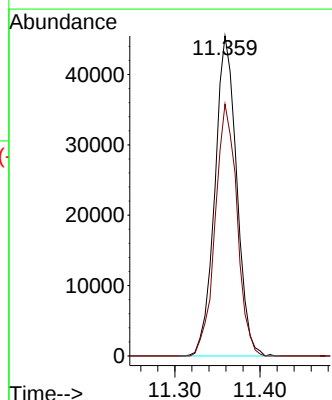
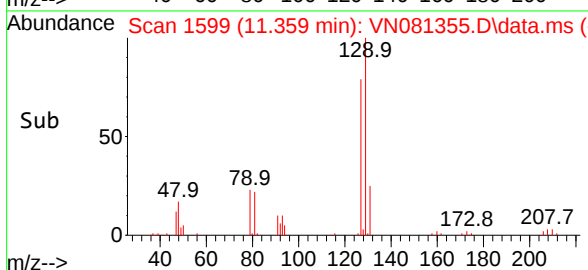
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

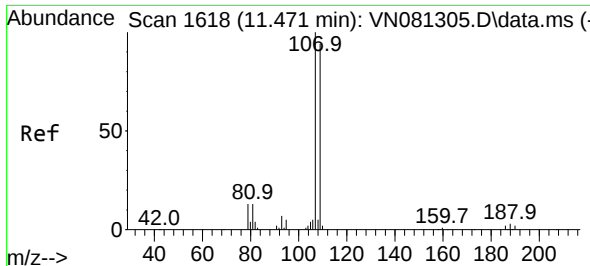


#60
Dibromochloromethane
Concen: 20.245 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42



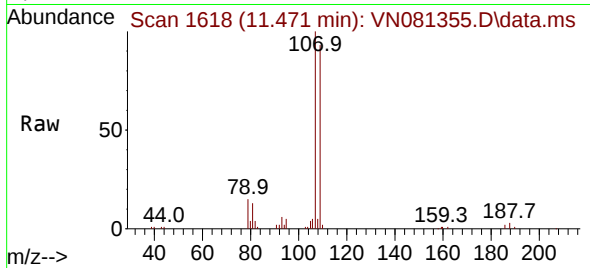
Tgt Ion:129 Resp: 80985
Ion Ratio Lower Upper
129 100
127 78.6 39.4 118.2





#61
1,2-Dibromoethane
Concen: 19.455 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

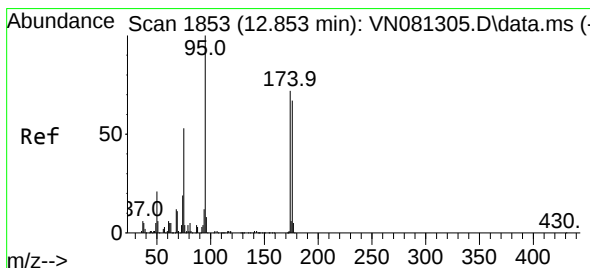
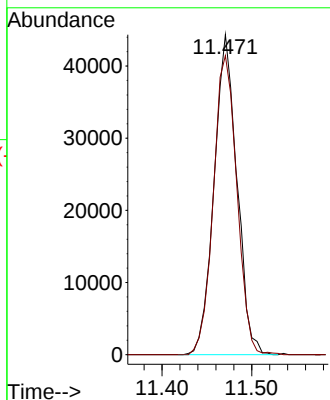
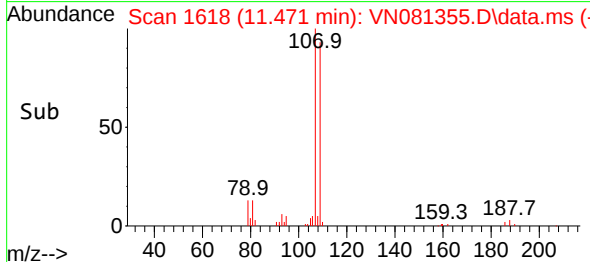
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



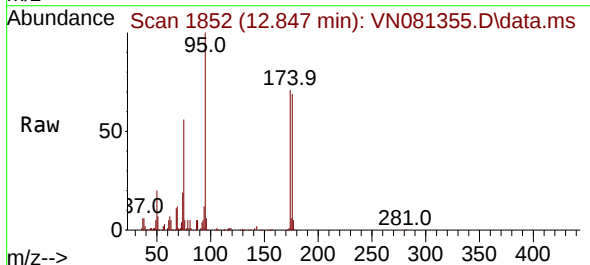
Tgt Ion:107 Resp: 78409
Ion Ratio Lower Upper
107 100
109 96.2 73.4 110.2

Manual Integrations
APPROVED

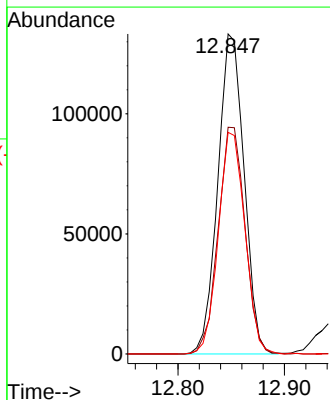
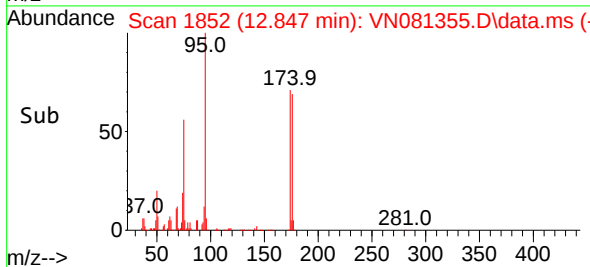
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

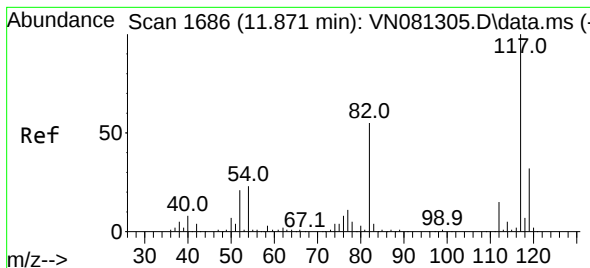


#62
4-Bromofluorobenzene
Concen: 51.304 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42



Tgt Ion: 95 Resp: 228241
Ion Ratio Lower Upper
95 100
174 72.1 0.0 120.4
176 69.9 0.0 121.0





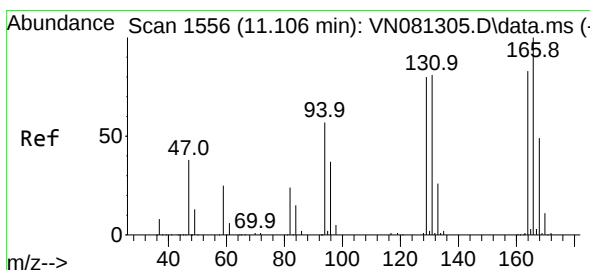
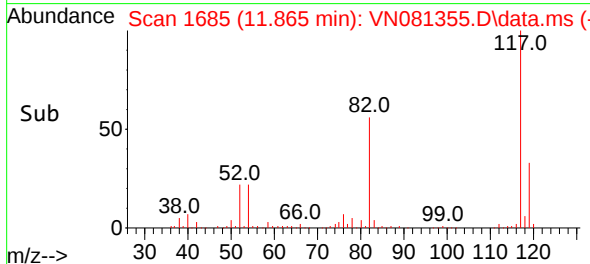
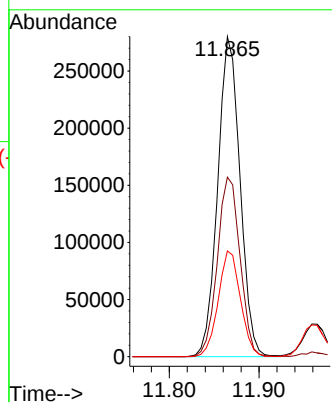
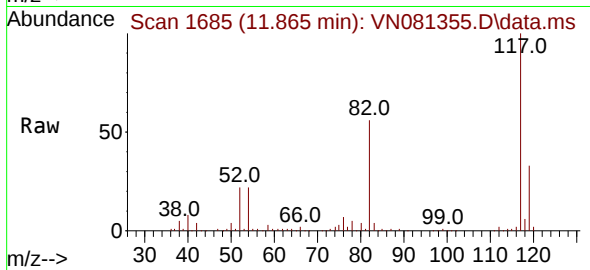
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01

Tgt Ion:117 Resp: 48434
Ion Ratio Lower Upper
117 100
82 56.1 52.7 79.1
119 33.1 25.3 37.9

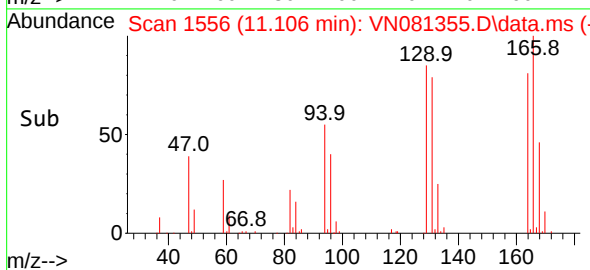
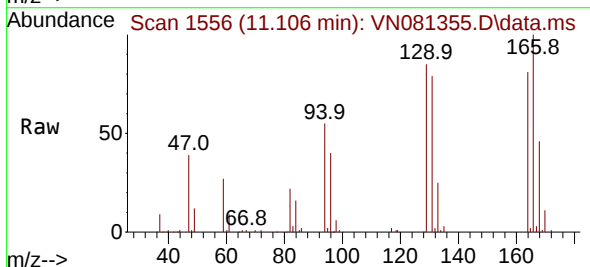
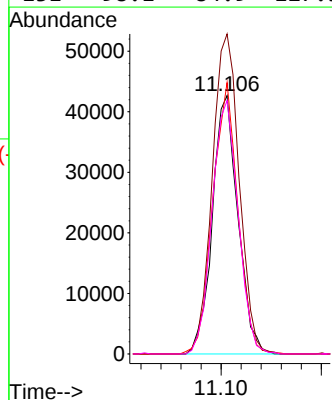
Manual Integrations
APPROVED

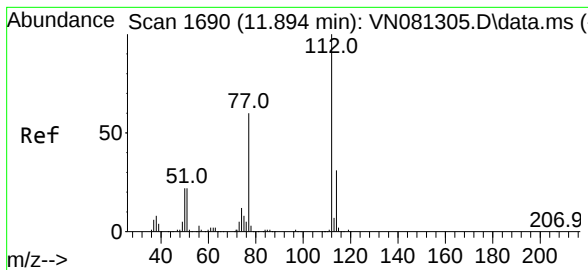
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#64
Tetrachloroethene
Concen: 19.914 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

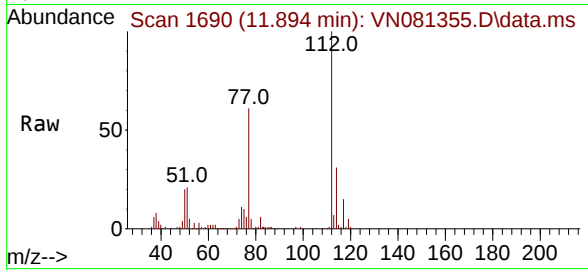
Tgt Ion:164 Resp: 75523
Ion Ratio Lower Upper
164 100
166 123.9 105.8 158.6
129 105.0 89.6 134.4
131 98.1 84.9 127.3





#65
Chlorobenzene
Concen: 20.272 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

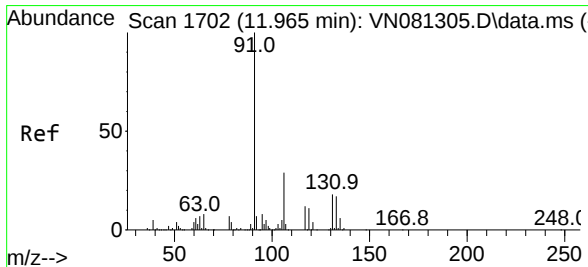
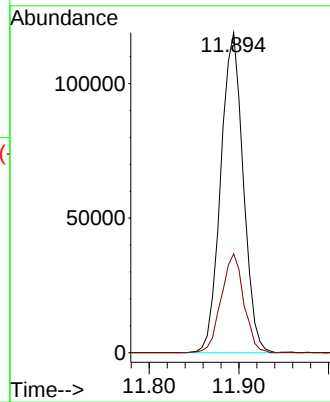
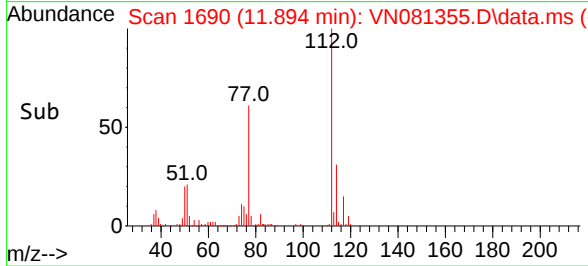
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



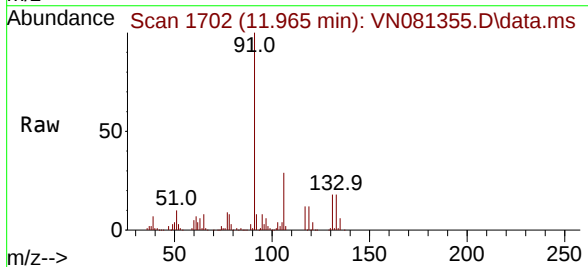
Tgt Ion:112 Resp: 206904
Ion Ratio Lower Upper
112 100
114 30.9 23.7 35.5

Manual Integrations
APPROVED

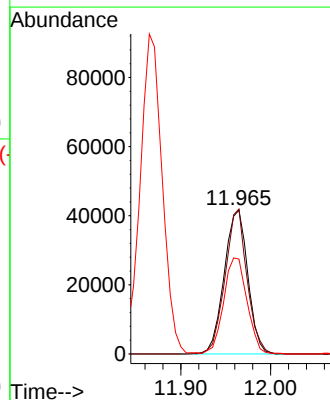
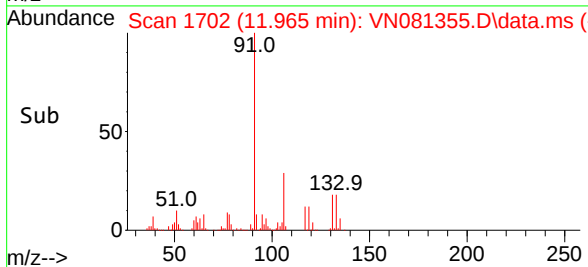
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

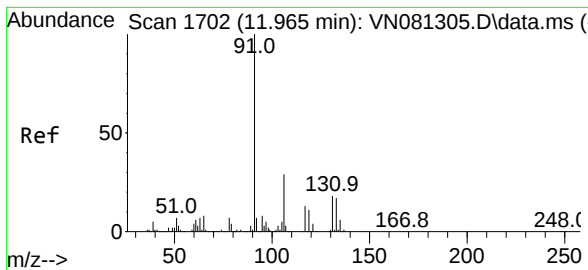


#66
1,1,1,2-Tetrachloroethane
Concen: 20.331 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42



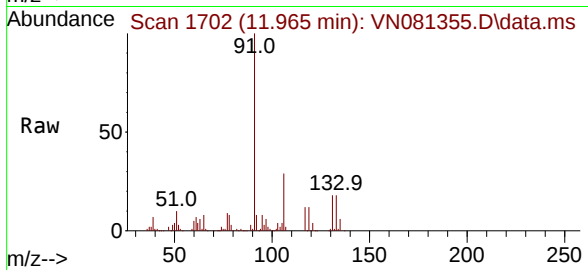
Tgt Ion:131 Resp: 75932
Ion Ratio Lower Upper
131 100
133 94.1 46.8 140.3
119 66.6 34.6 103.9





#67
Ethyl Benzene
Concen: 20.023 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

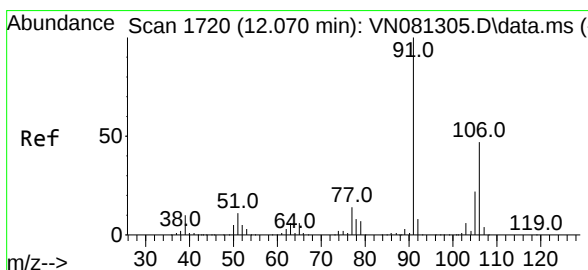
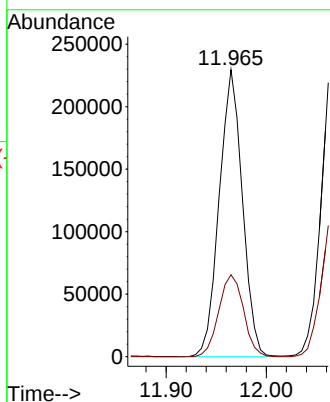
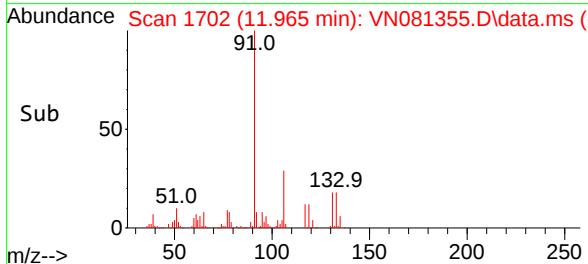
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



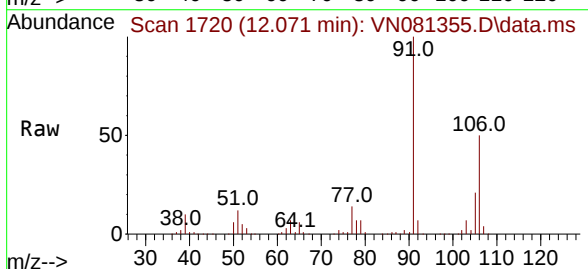
Tgt Ion: 91 Resp: 36812
Ion Ratio Lower Upper
91 100
106 28.6 23.8 35.6

Manual Integrations
APPROVED

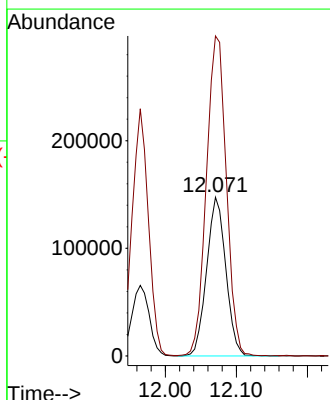
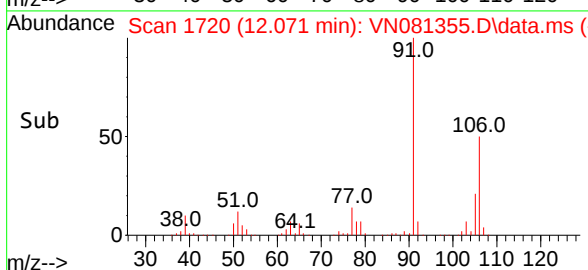
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

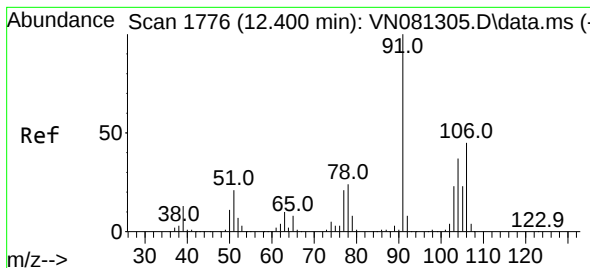


#68
m/p-Xylenes
Concen: 39.967 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42



Tgt Ion:106 Resp: 276539
Ion Ratio Lower Upper
106 100
91 209.8 169.0 253.6





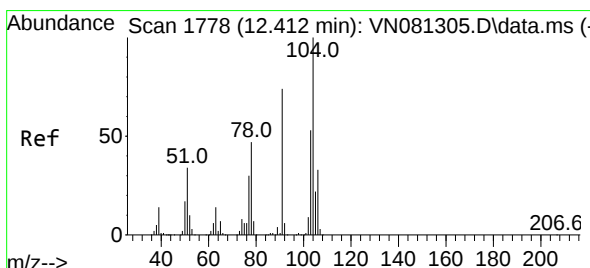
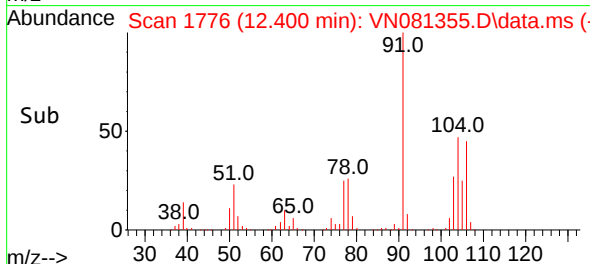
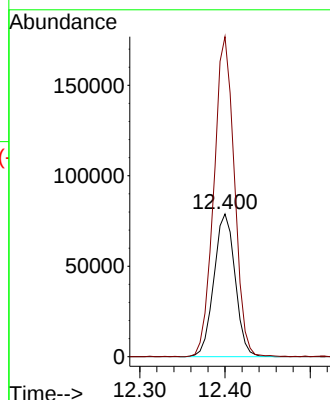
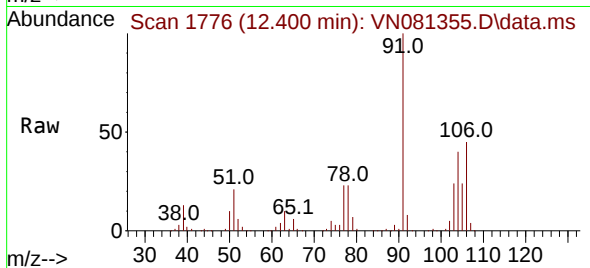
#69
o-Xylene
Concen: 20.311 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01

Tgt Ion:106 Resp: 136197
Ion Ratio Lower Upper
106 100
91 217.4 112.1 336.3

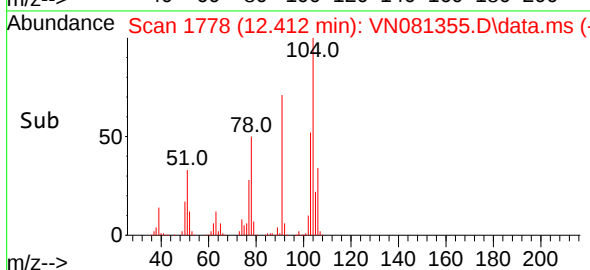
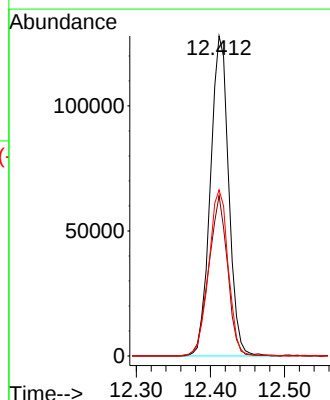
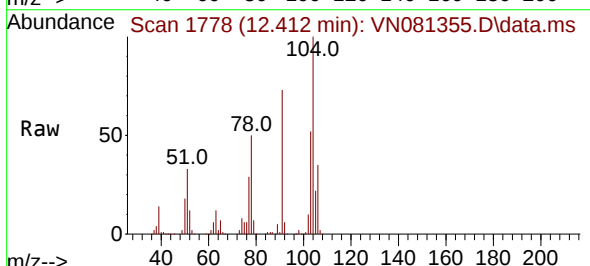
Manual Integrations
APPROVED

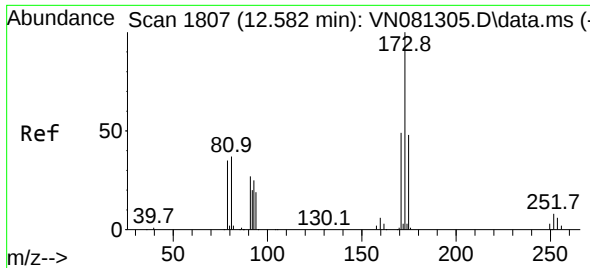
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#70
Styrene
Concen: 20.680 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

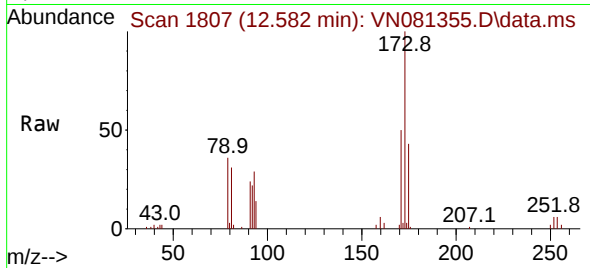
Tgt Ion:104 Resp: 219757
Ion Ratio Lower Upper
104 100
78 51.6 43.8 65.8
103 55.5 44.2 66.2





#71
Bromoform
Concen: 20.408 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

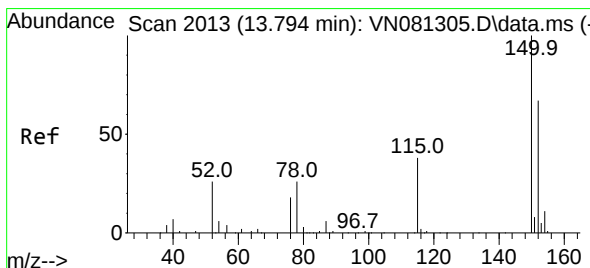
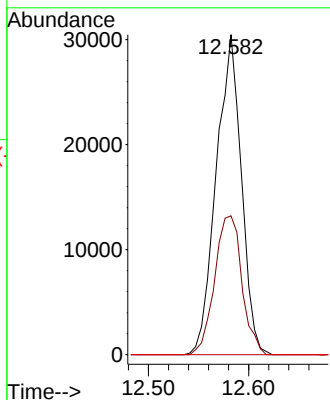
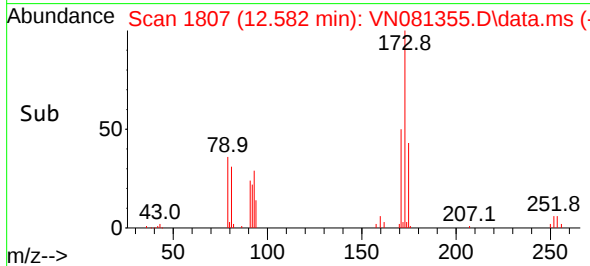
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



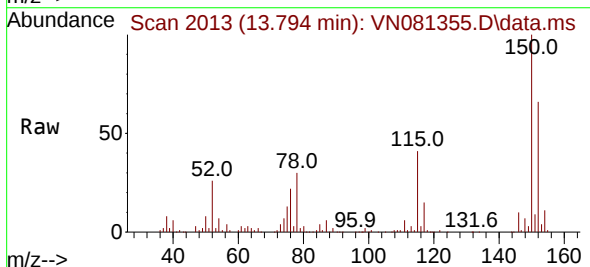
Tgt Ion:173 Resp: 52910
Ion Ratio Lower Upper
173 100
175 47.1 23.1 69.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

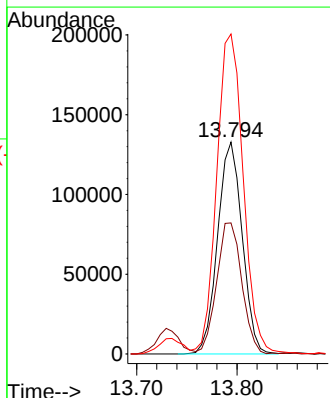
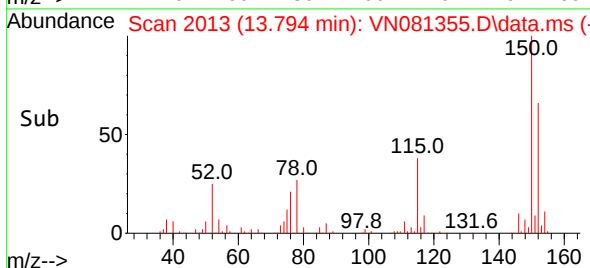
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

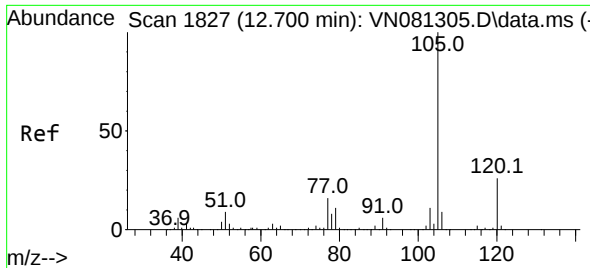


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42



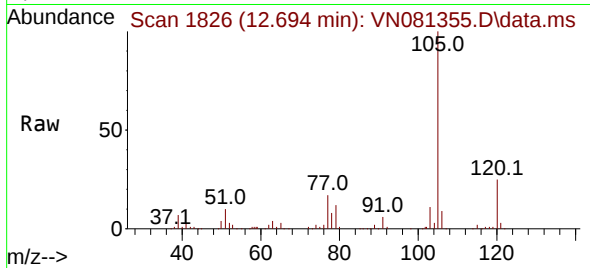
Tgt Ion:152 Resp: 226114
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 162.7 0.0 339.8





#73
Isopropylbenzene
Concen: 19.218 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

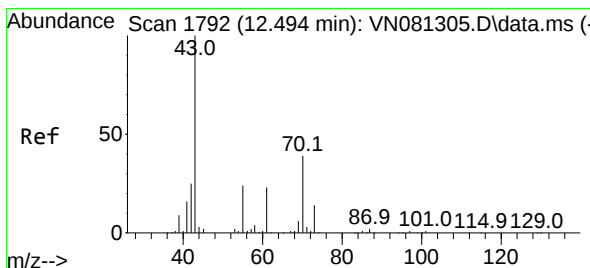
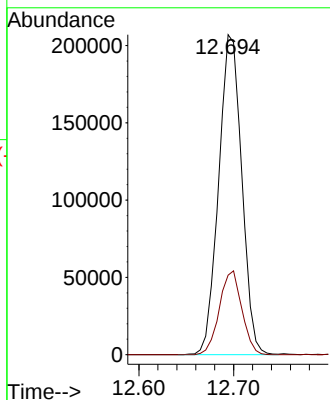
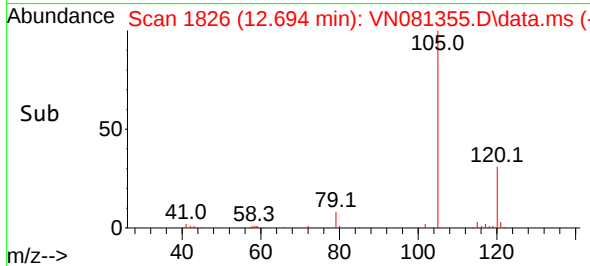
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



Tgt Ion:105 Resp: 350890
Ion Ratio Lower Upper
105 100
120 25.4 12.6 37.6

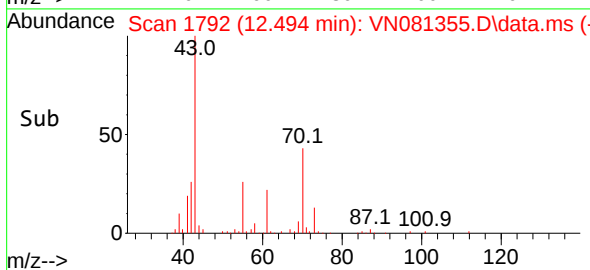
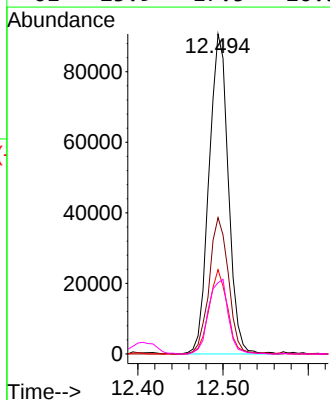
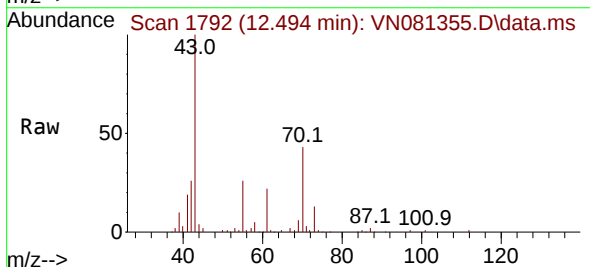
Manual Integrations
APPROVED

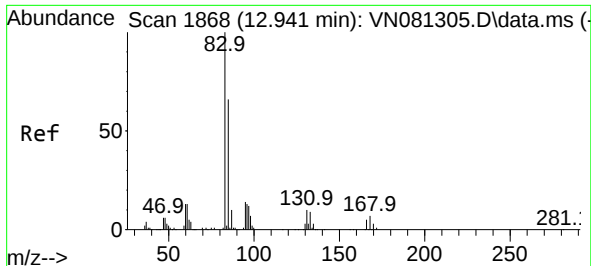
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#74
N-ethyl acetate
Concen: 18.645 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

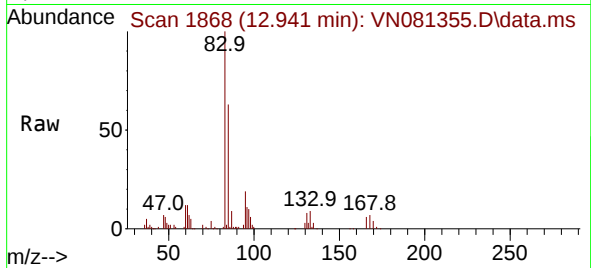
Tgt Ion: 43 Resp: 142843
Ion Ratio Lower Upper
43 100
70 42.7 30.1 45.1
55 25.3 17.0 25.4
61 23.9 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 19.284 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

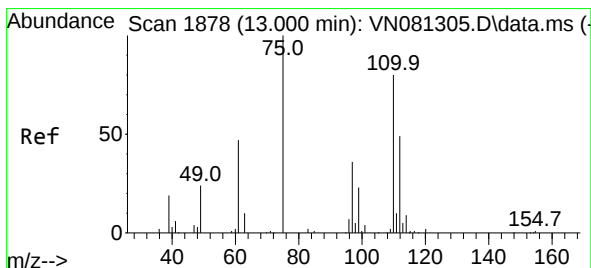
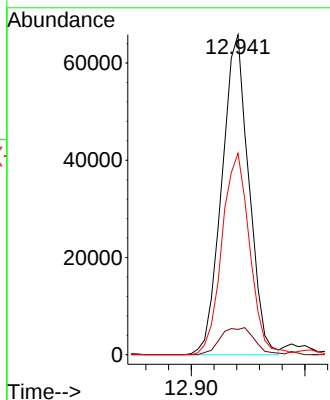
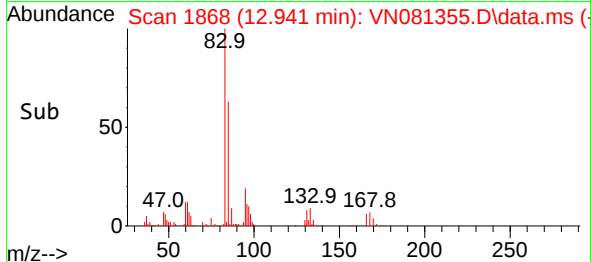
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



Tgt Ion: 83 Resp: 10866
Ion Ratio Lower Upper
83 100
131 10.7 4.1 12.3
85 64.6 32.1 96.3

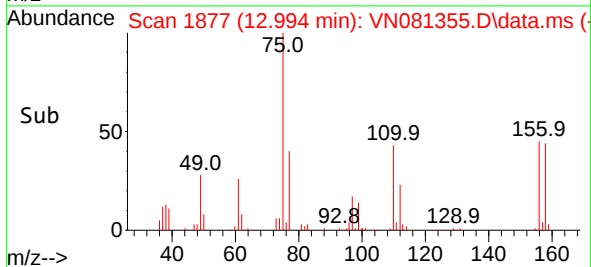
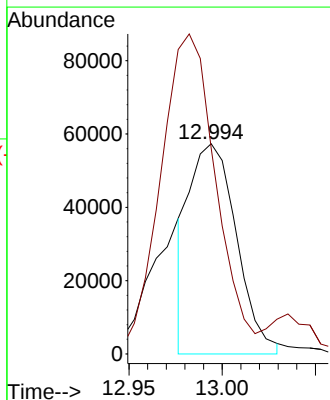
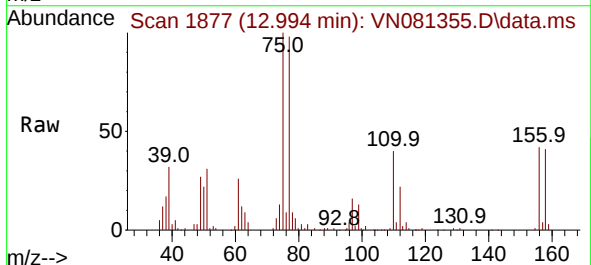
Manual Integrations
APPROVED

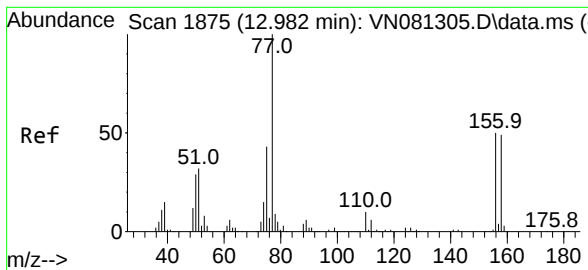
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#76
1,2,3-Trichloropropane
Concen: 18.750 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

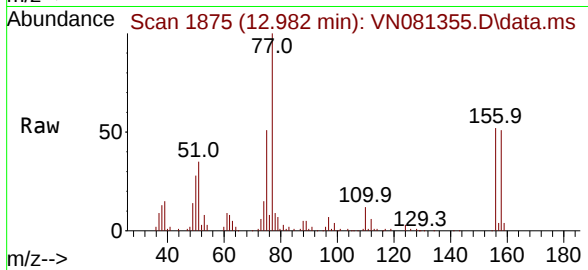
Tgt Ion: 75 Resp: 100140
Ion Ratio Lower Upper
75 100
77 180.7 91.0 272.8





#77
Bromobenzene
Concen: 18.401 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

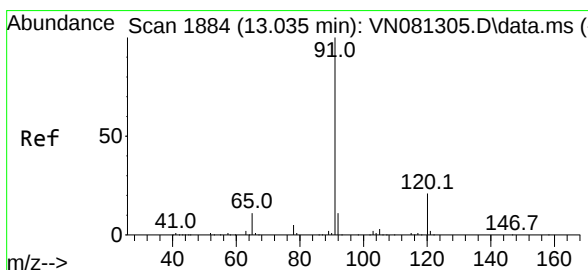
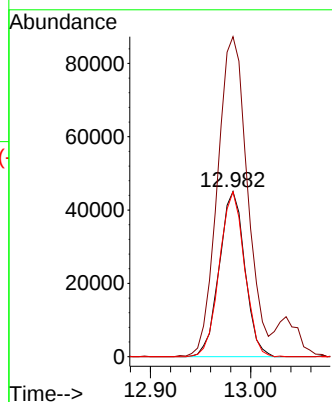
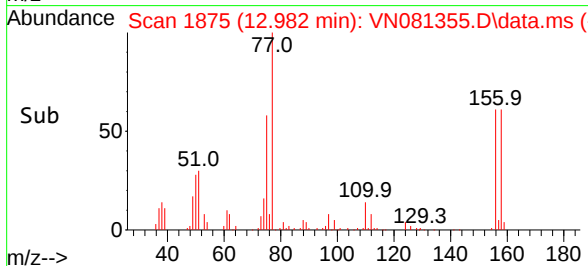
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



Tgt Ion:156 Resp: 79658
Ion Ratio Lower Upper
156 100
77 227.1 138.1 414.3
158 98.4 46.5 139.5

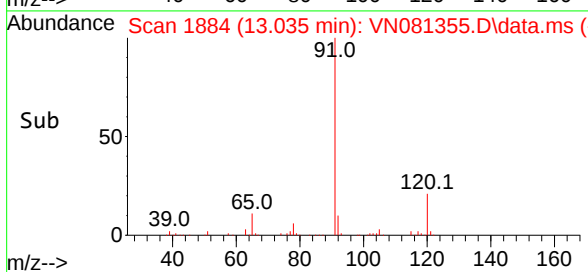
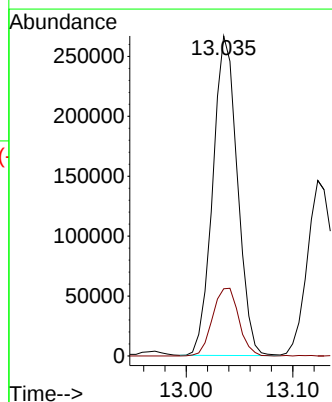
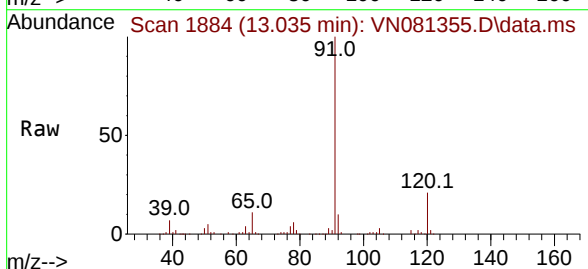
Manual Integrations
APPROVED

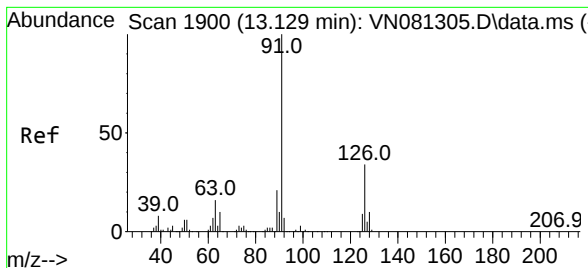
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#78
n-propylbenzene
Concen: 19.847 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

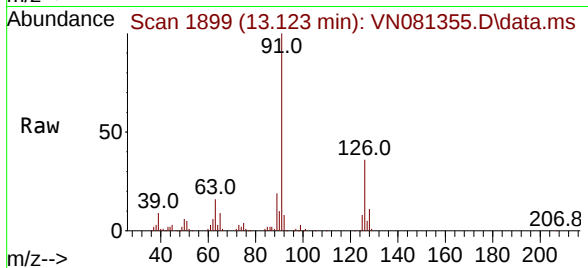
Tgt Ion: 91 Resp: 428606
Ion Ratio Lower Upper
91 100
120 22.4 10.3 30.9





#79
2-Chlorotoluene
Concen: 19.086 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

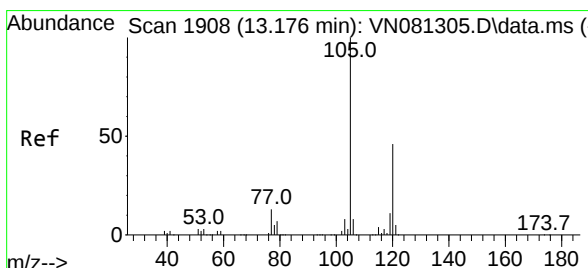
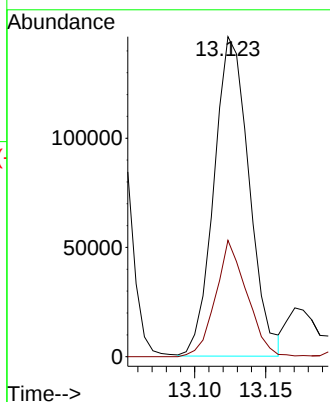
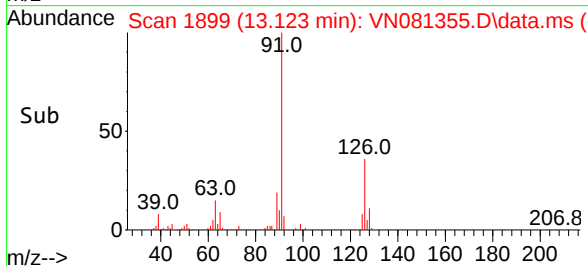
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



Tgt Ion: 91 Resp: 25194
Ion Ratio Lower Upper
91 100
126 32.6 14.8 44.4

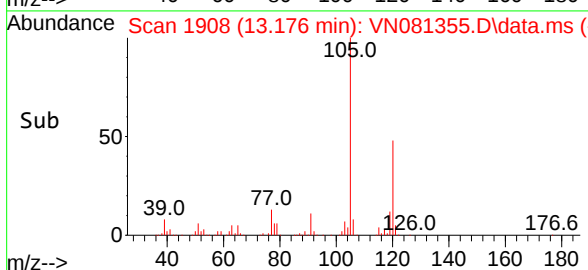
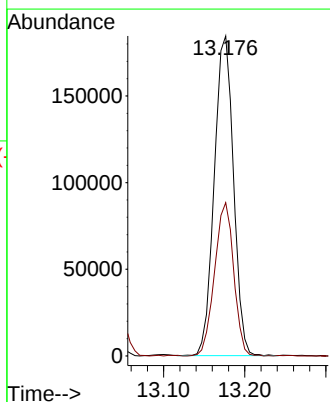
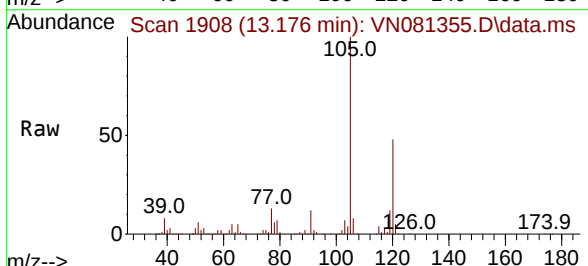
Manual Integrations
APPROVED

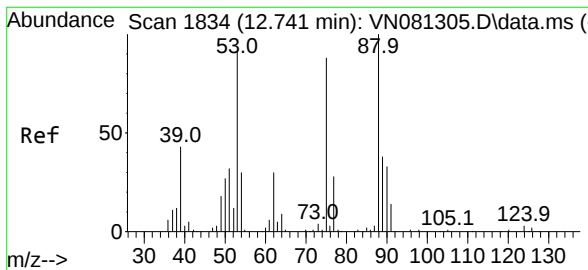
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.136 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

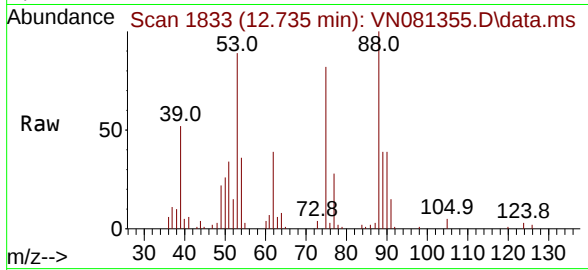
Tgt Ion:105 Resp: 303912
Ion Ratio Lower Upper
105 100
120 47.7 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 18.440 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

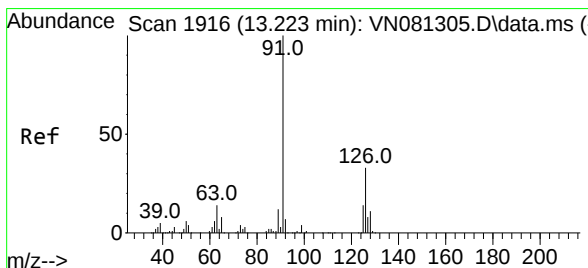
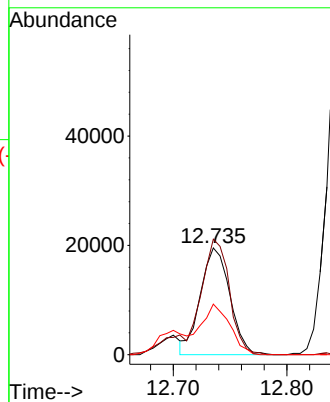
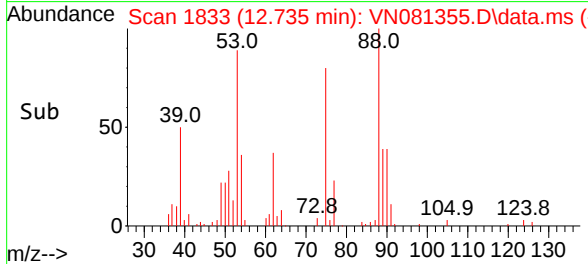
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



Tgt Ion: 75 Resp: 35289
Ion Ratio Lower Upper
75 100
53 118.1 71.4 107.2
89 46.7 33.4 50.0

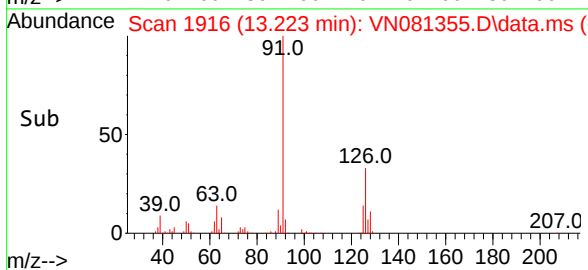
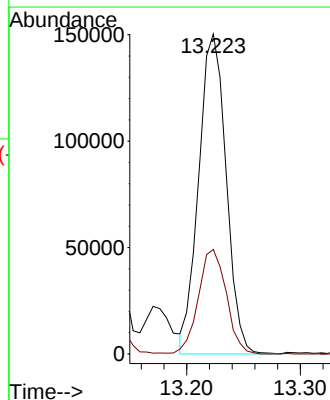
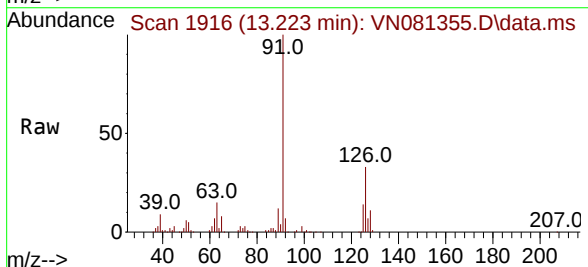
Manual Integrations
APPROVED

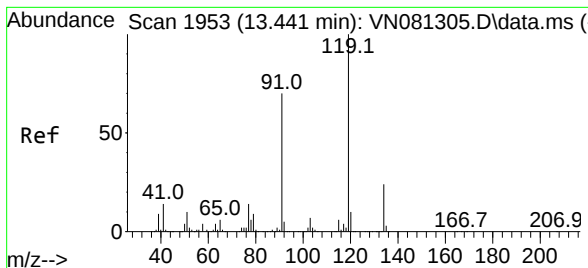
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#82
4-Chlorotoluene
Concen: 19.351 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

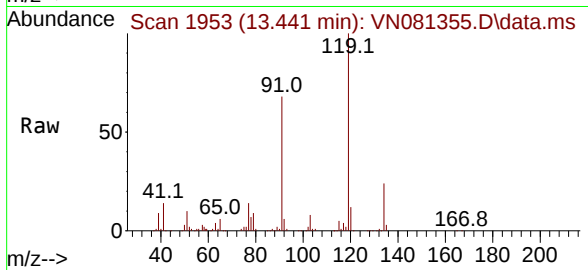
Tgt Ion: 91 Resp: 252312
Ion Ratio Lower Upper
91 100
126 33.3 15.3 45.9





#83
tert-Butylbenzene
Concen: 19.898 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

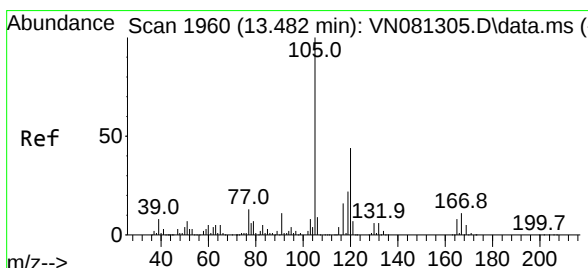
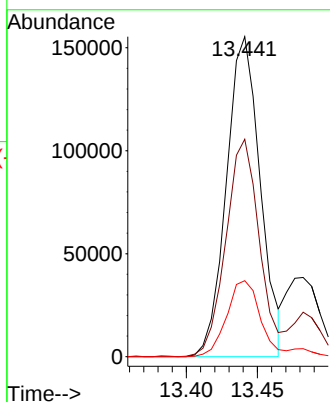
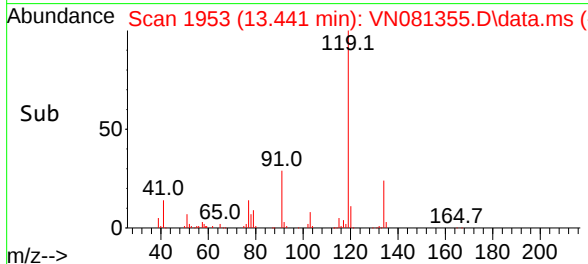
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



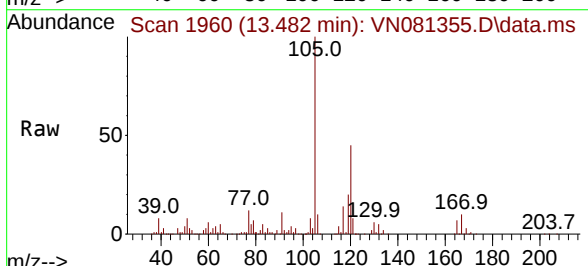
Tgt Ion:119 Resp: 257474
Ion Ratio Lower Upper
119 100
91 66.9 36.8 110.4
134 23.6 12.4 37.4

Manual Integrations
APPROVED

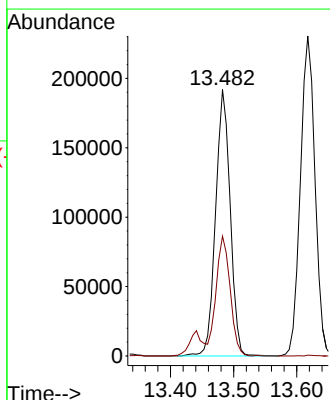
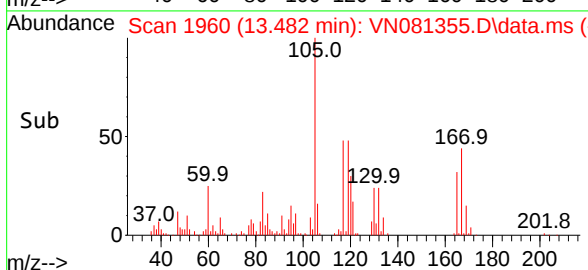
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

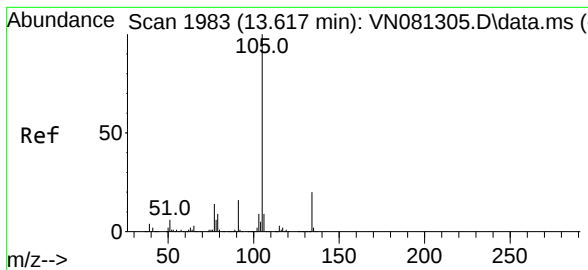


#84
1,2,4-Trimethylbenzene
Concen: 20.118 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42



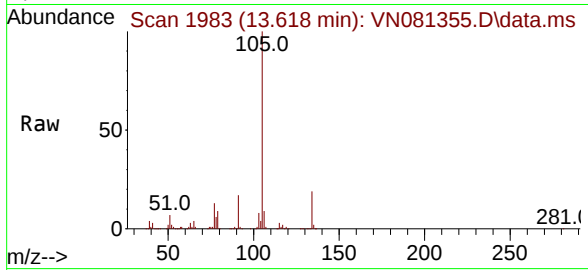
Tgt Ion:105 Resp: 307639
Ion Ratio Lower Upper
105 100
120 43.1 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 19.757 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081355.D
 Acq: 11 Mar 2024 11:42

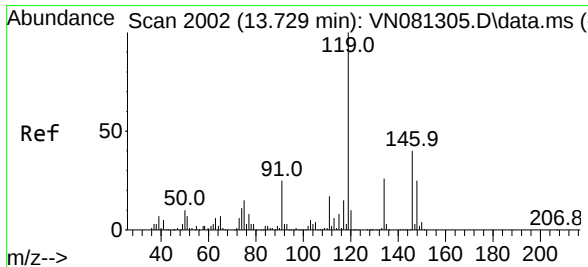
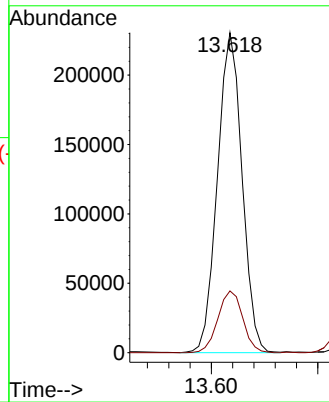
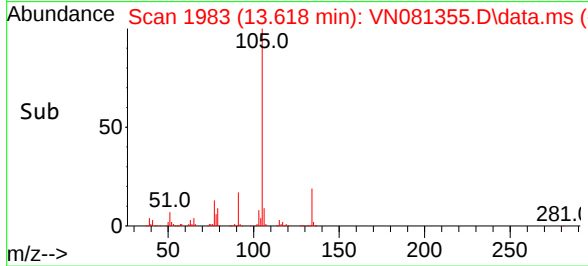
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0311MBS01



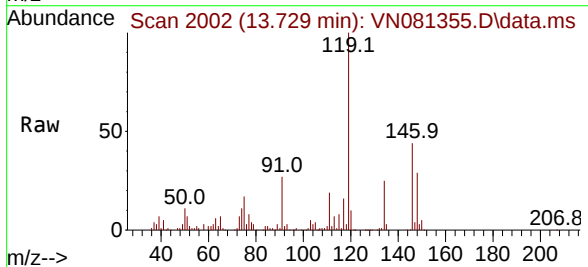
Tgt Ion:105 Resp: 369830
 Ion Ratio Lower Upper
 105 100
 134 19.5 8.6 25.8

Manual Integrations
 APPROVED

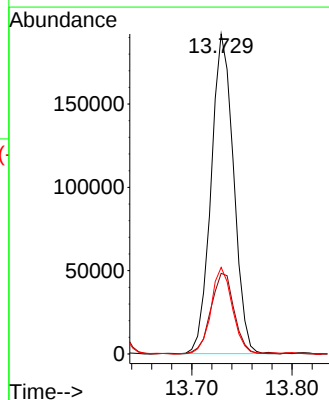
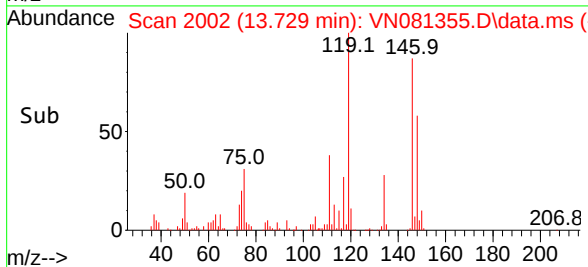
Reviewed By :John Carlone 03/12/2024
 Supervised By :Mahesh Dadoda 03/12/2024

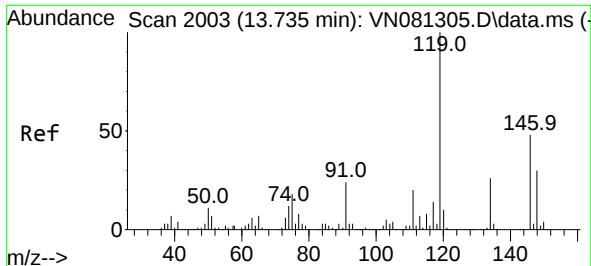


#86
 p-Isopropyltoluene
 Concen: 19.909 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081355.D
 Acq: 11 Mar 2024 11:42



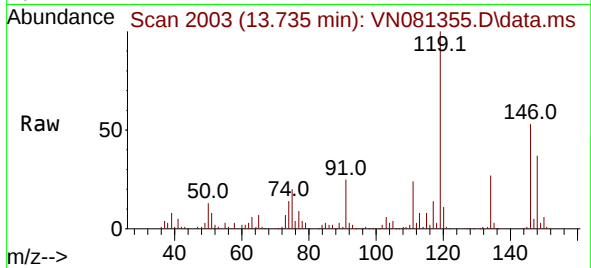
Tgt Ion:119 Resp: 298887
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.4 37.2
 91 25.8 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 19.026 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

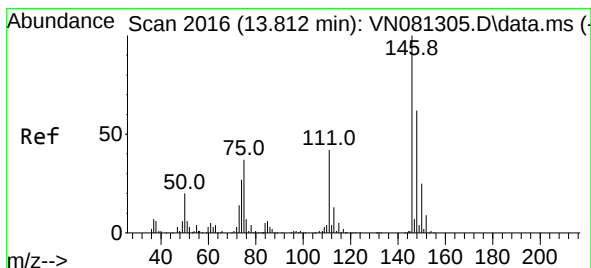
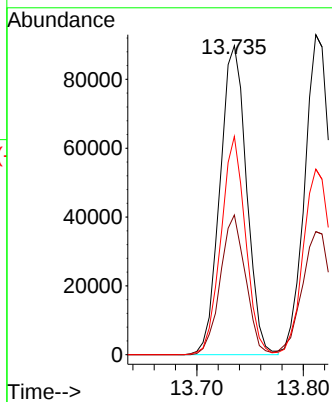
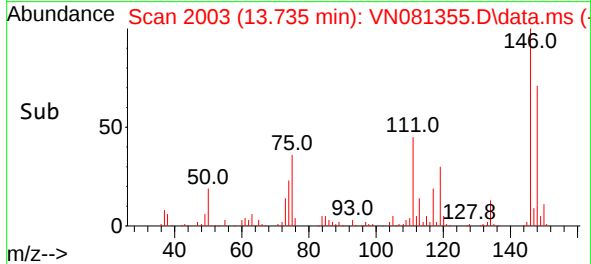
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



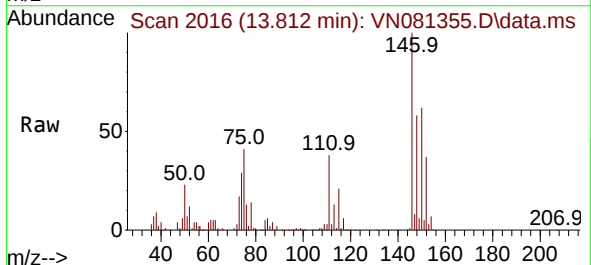
Tgt Ion:146 Resp: 15552
Ion Ratio Lower Upper
146 100
111 42.9 23.9 71.7
148 65.2 32.6 97.7

Manual Integrations
APPROVED

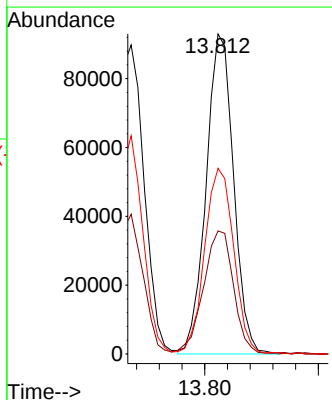
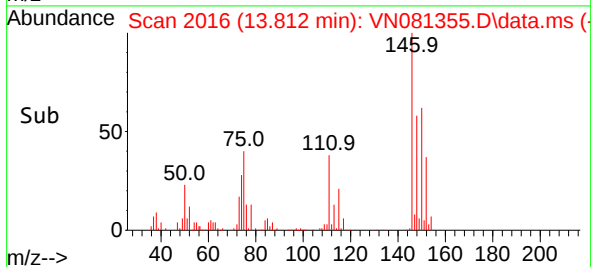
Reviewed By :John Carbone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

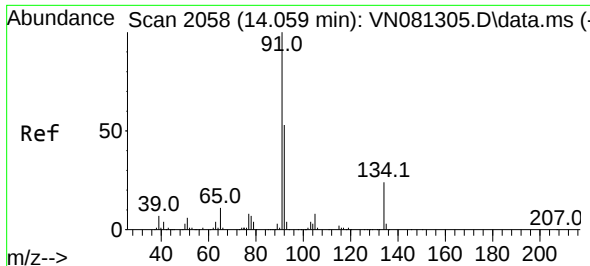


#88
1,4-Dichlorobenzene
Concen: 19.104 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42



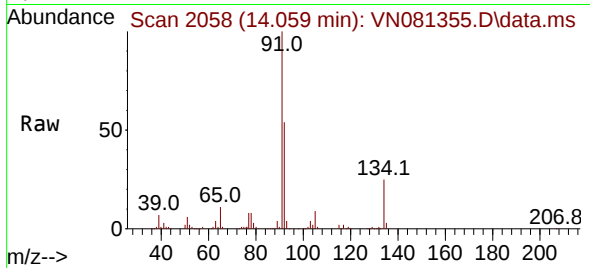
Tgt Ion:146 Resp: 156083
Ion Ratio Lower Upper
146 100
111 41.8 22.6 67.7
148 61.9 31.9 95.5





#89
n-Butylbenzene
Concen: 19.394 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

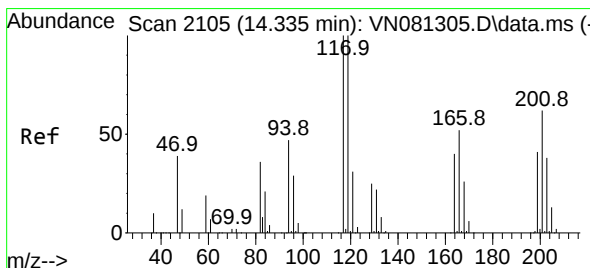
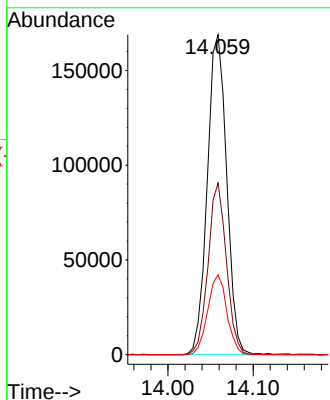
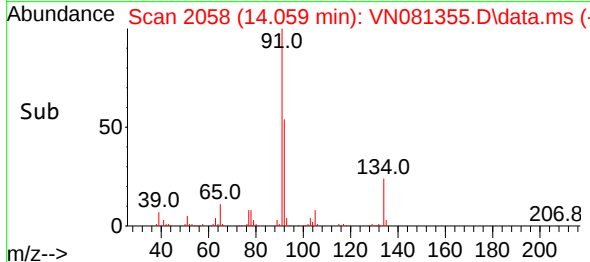
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



Tgt Ion: 91 Resp: 266998
Ion Ratio Lower Upper
91 100
92 50.8 26.7 80.1
134 24.8 10.8 32.4

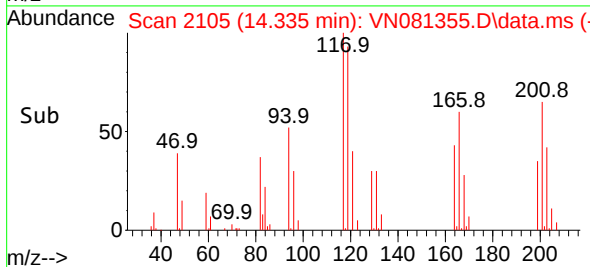
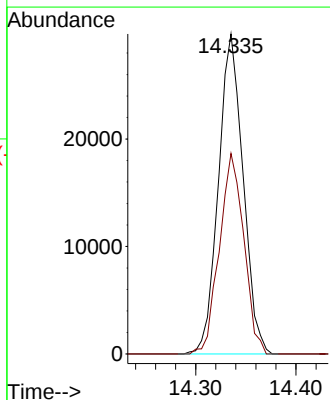
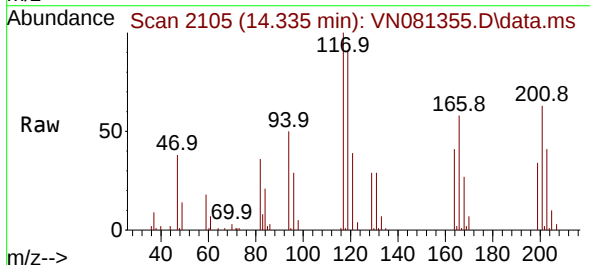
Manual Integrations
APPROVED

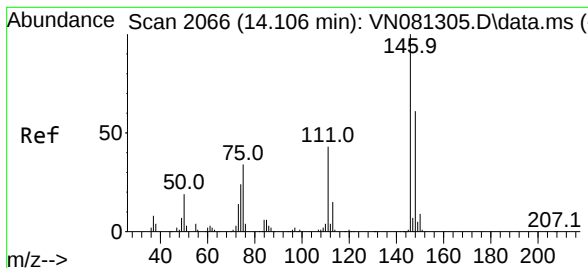
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#90
Hexachloroethane
Concen: 19.347 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

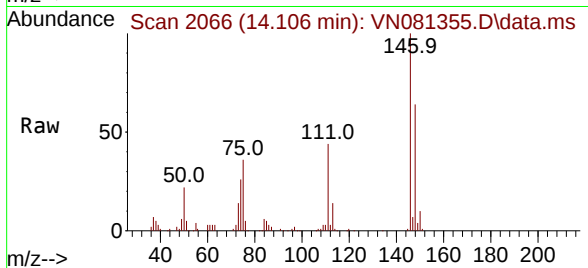
Tgt Ion:117 Resp: 50851
Ion Ratio Lower Upper
117 100
201 62.1 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 19.440 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

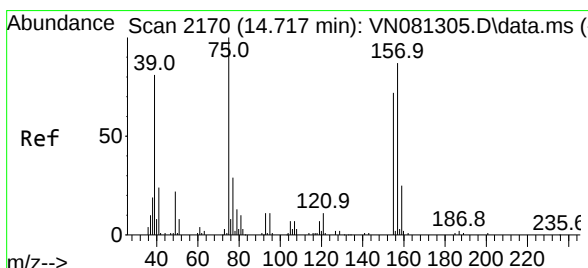
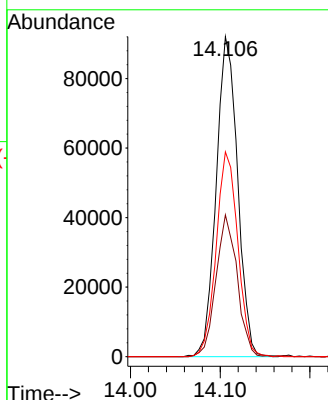
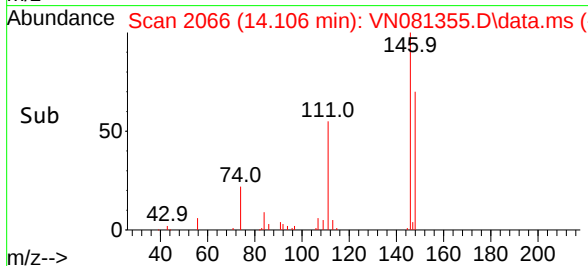
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



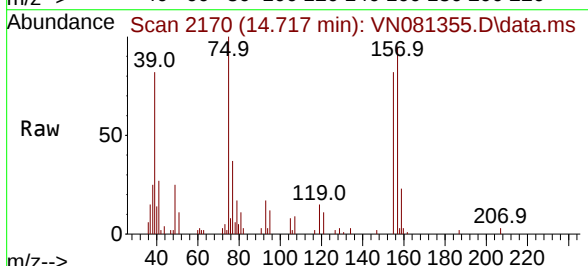
Tgt Ion:146 Resp: 152460
Ion Ratio Lower Upper
146 100
111 43.8 23.9 71.8
148 64.9 31.4 94.0

Manual Integrations
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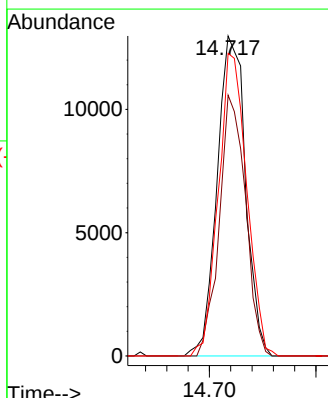
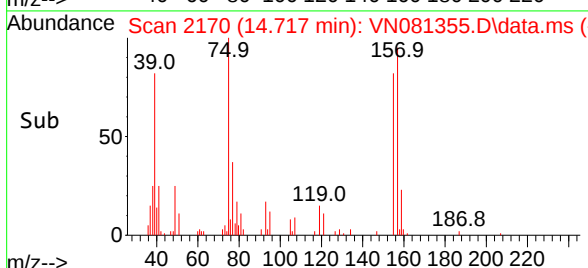
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

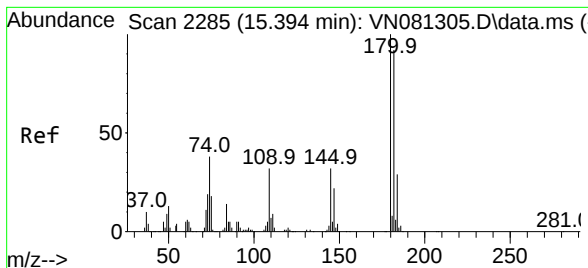


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.936 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42



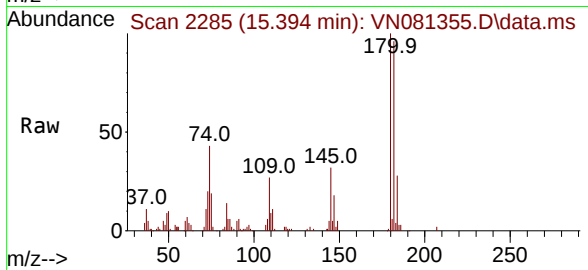
Tgt Ion: 75 Resp: 24039
Ion Ratio Lower Upper
75 100
155 75.1 31.8 95.4
157 94.6 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 18.874 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

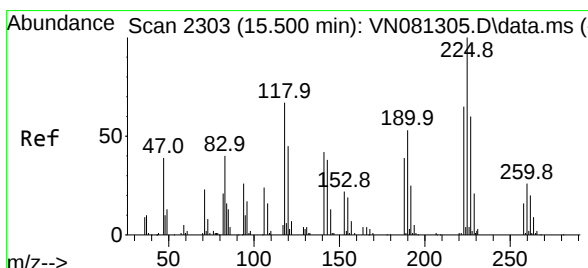
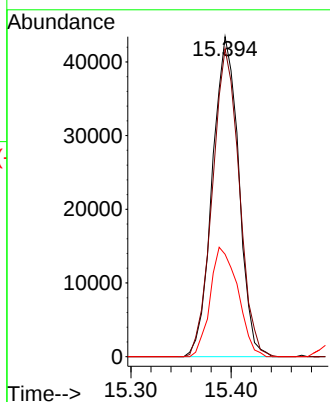
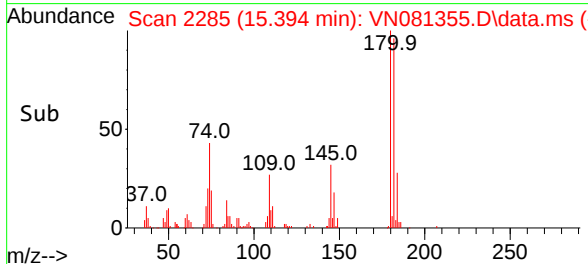
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



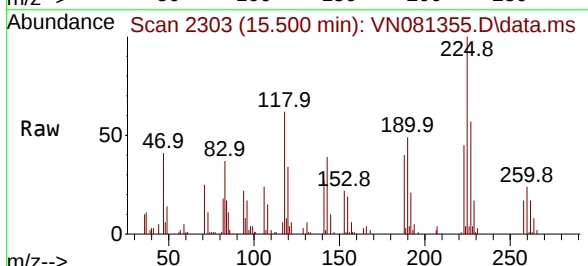
Tgt Ion:180 Resp: 79124
Ion Ratio Lower Upper
180 100
182 97.9 46.6 139.7
145 36.0 16.8 50.3

Manual Integrations
APPROVED

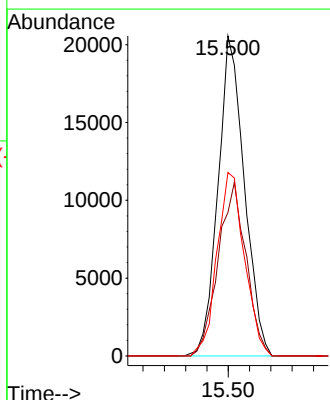
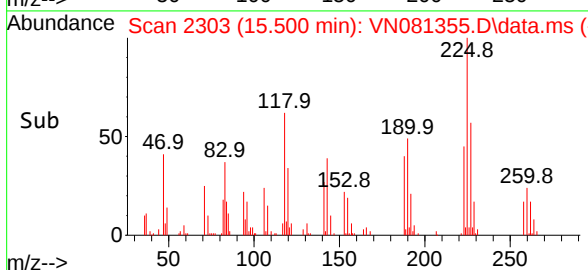
Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024

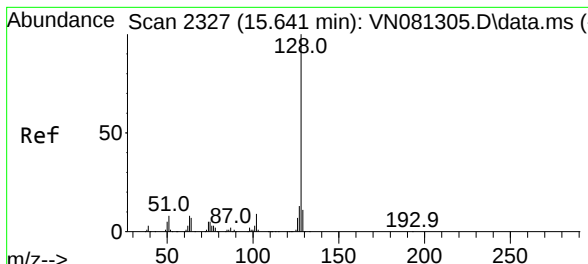


#94
Hexachlorobutadiene
Concen: 20.349 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42



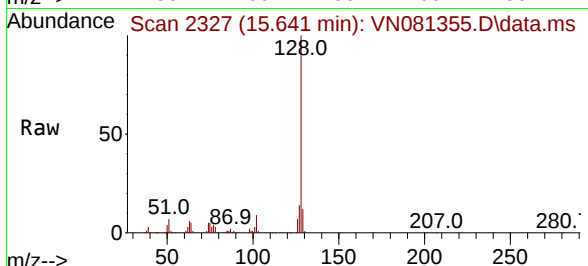
Tgt Ion:225 Resp: 35250
Ion Ratio Lower Upper
225 100
223 57.5 33.3 99.8
227 59.8 33.1 99.2





#95
Naphthalene
Concen: 19.545 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42

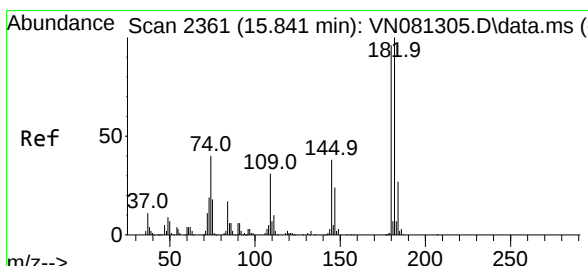
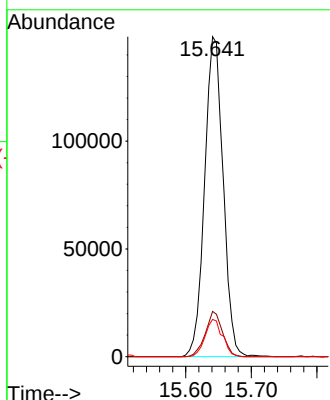
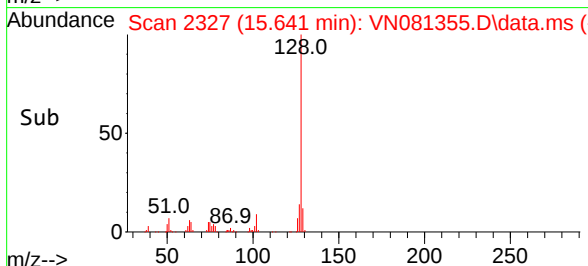
Instrument :
MSVOA_N
ClientSampleId :
VN0311MBS01



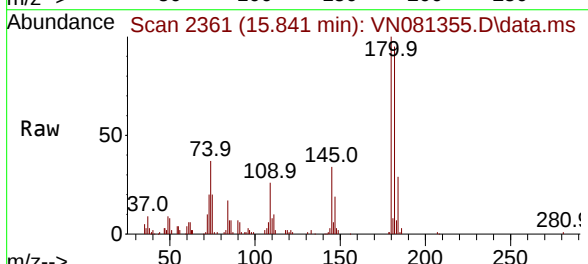
Tgt Ion:128 Resp: 29155
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2024
Supervised By :Mahesh Dadoda 03/12/2024



#96
1,2,3-Trichlorobenzene
Concen: 19.517 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081355.D
Acq: 11 Mar 2024 11:42



Tgt Ion:180 Resp: 82972
Ion Ratio Lower Upper
180 100
182 95.2 46.5 139.3
145 37.2 17.8 53.4

