

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081429.D
 Acq On : 15 Mar 2024 16:53
 Operator : JC\MD
 Sample : VN0315WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2024
 Supervised By : Mahesh Dadoda 03/18/2024

Quant Time: Mar 15 23:34:54 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	8.230	168	285255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	525487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	482858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	211056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	226032	54.803	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.600%			
35) Dibromofluoromethane	8.171	113	171347	53.222	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.440%			
50) Toluene-d8	10.571	98	652048	54.178	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.360%			
62) 4-Bromofluorobenzene	12.847	95	223478	52.537	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 105.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	79380	20.992	ug/l	99
3) Chloromethane	2.365	50	76193	18.654	ug/l	98
4) Vinyl Chloride	2.518	62	80324	18.851	ug/l	97
5) Bromomethane	2.959	94	52943	18.604	ug/l	94
6) Chloroethane	3.124	64	57369	19.602	ug/l	91
7) Trichlorofluoromethane	3.500	101	128833	20.438	ug/l	94
8) Diethyl Ether	3.959	74	44065	19.842	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.383	101	68800	19.166	ug/l	91
10) Methyl Iodide	4.595	142	64967	19.777	ug/l	93
11) Tert butyl alcohol	5.518	59	69031	95.717	ug/l	100
12) 1,1-Dichloroethene	4.336	96	64239	19.324	ug/l	83
13) Acrolein	4.177	56	61571	72.099	ug/l	97
14) Allyl chloride	5.030	41	95026	19.262	ug/l	86
15) Acrylonitrile	5.718	53	190959	101.354	ug/l	97
16) Acetone	4.430	43	148663	101.732	ug/l	95
17) Carbon Disulfide	4.718	76	165161	17.408	ug/l #	93
18) Methyl Acetate	5.024	43	101596	24.283	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	231427	20.526	ug/l	95
20) Methylene Chloride	5.283	84	78687	21.333	ug/l #	90
21) trans-1,2-Dichloroethene	5.789	96	69247	18.476	ug/l	92
22) Diisopropyl ether	6.677	45	238571	21.772	ug/l #	91
23) Vinyl Acetate	6.606	43	901554	101.277	ug/l	96
24) 1,1-Dichloroethane	6.565	63	140350	20.924	ug/l	97
25) 2-Butanone	7.483	43	248925	101.716	ug/l #	90
26) 2,2-Dichloropropane	7.500	77	110204	18.589	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	82974	19.527	ug/l	92
28) Bromochloromethane	7.818	49	56233	19.593	ug/l #	71
29) Tetrahydrofuran	7.841	42	167071	100.116	ug/l	92
30) Chloroform	7.971	83	148552	21.341	ug/l	100
31) Cyclohexane	8.259	56	118464	18.971	ug/l #	88
32) 1,1,1-Trichloroethane	8.171	97	130645	21.234	ug/l	94
36) 1,1-Dichloropropene	8.371	75	109058	20.997	ug/l	96
37) Ethyl Acetate	7.565	43	102474	20.183	ug/l	98
38) Carbon Tetrachloride	8.365	117	111100	21.253	ug/l	95
39) Methylcyclohexane	9.600	83	111118	18.589	ug/l	96
40) Benzene	8.612	78	308407	19.893	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	55093	19.214	ug/l	94
42) 1,2-Dichloroethane	8.671	62	116835	21.374	ug/l	96
43) Isopropyl Acetate	8.688	43	170983	19.240	ug/l	96
44) Trichloroethene	9.353	130	76976	19.686	ug/l	97
45) 1,2-Dichloropropane	9.624	63	81581	20.947	ug/l	90
46) Dibromomethane	9.712	93	59167	21.553	ug/l	93
47) Bromodichloromethane	9.894	83	116518	21.864	ug/l #	95
48) Methyl methacrylate	9.682	41	79756	20.304	ug/l	91
49) 1,4-Dioxane	9.694	88	33318	384.819	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	538043	104.270	ug/l	97
52) Toluene	10.635	92	190321	20.322	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	116921	20.277	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	132017	21.209	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	78702	21.191	ug/l	96
56) Ethyl methacrylate	10.876	69	110444	20.710	ug/l	93
57) 1,3-Dichloropropane	11.165	76	133298	20.565	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	288640	100.620	ug/l #	90
59) 2-Hexanone	11.200	43	394176	102.181	ug/l	98
60) Dibromochloromethane	11.359	129	82333	21.526	ug/l	97
61) 1,2-Dibromoethane	11.471	107	79378	20.599	ug/l	98
64) Tetrachloroethene	11.106	164	74457	19.694	ug/l	96
65) Chlorobenzene	11.894	112	201783	19.831	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	75734	20.340	ug/l	97
67) Ethyl Benzene	11.965	91	357621	19.512	ug/l	95
68) m/p-Xylenes	12.076	106	273927	39.712	ug/l	98
69) o-Xylene	12.400	106	129621	19.390	ug/l	98
70) Styrene	12.412	104	217839	20.562	ug/l	98
71) Bromoform	12.576	173	52246	20.212	ug/l #	99
73) Isopropylbenzene	12.700	105	347100	20.366	ug/l	98
74) N-amyl acetate	12.494	43	142062	19.866	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	106932	20.331	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	101830m	20.427	ug/l	
77) Bromobenzene	12.982	156	74753	18.500	ug/l	85
78) n-propylbenzene	13.041	91	412311	20.454	ug/l	98
79) 2-Chlorotoluene	13.129	91	249163	20.222	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	287648	20.418	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	33438	18.720	ug/l #	80
82) 4-Chlorotoluene	13.223	91	247003	20.296	ug/l	97
83) tert-Butylbenzene	13.441	119	249870	20.688	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	297056	20.812	ug/l	99
85) sec-Butylbenzene	13.617	105	348531	19.947	ug/l	94
86) p-Isopropyltoluene	13.735	119	285756	20.393	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	146119	19.151	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	145759	19.113	ug/l	99
89) n-Butylbenzene	14.059	91	244632	19.037	ug/l	97
90) Hexachloroethane	14.341	117	52187	21.272	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	143742	19.635	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	22406	19.907	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	71708	18.326	ug/l	99
94) Hexachlorobutadiene	15.500	225	28401	17.565	ug/l	100
95) Naphthalene	15.647	128	249864	17.945	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	78098	19.681	ug/l	96

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

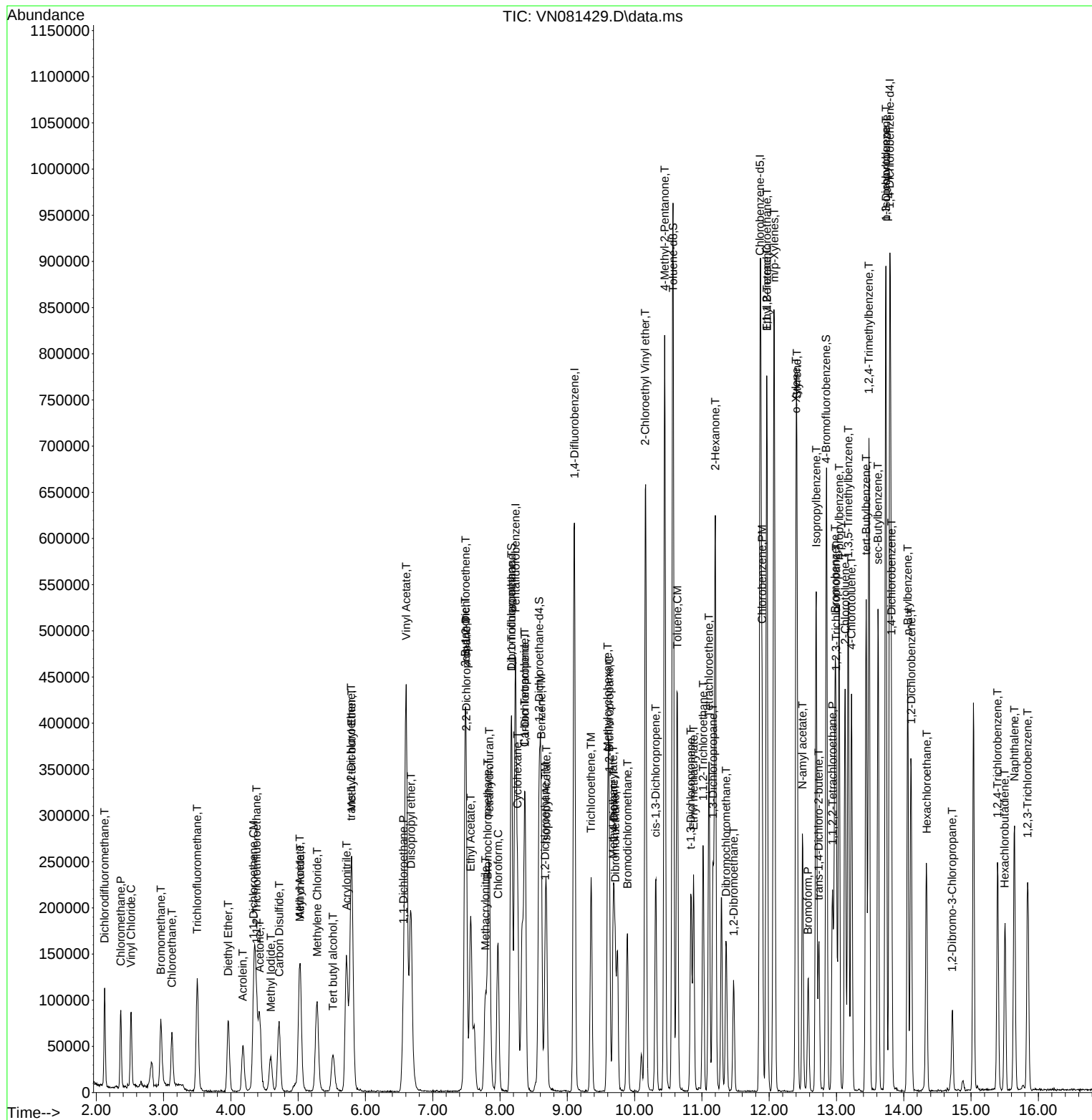
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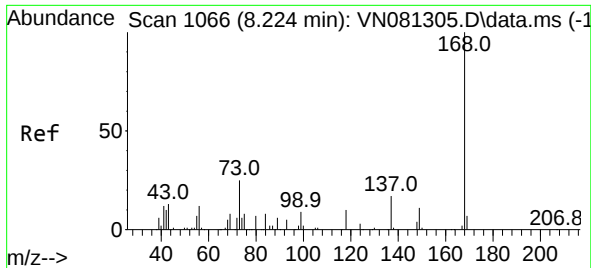
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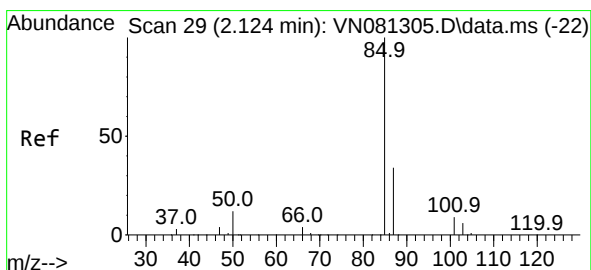
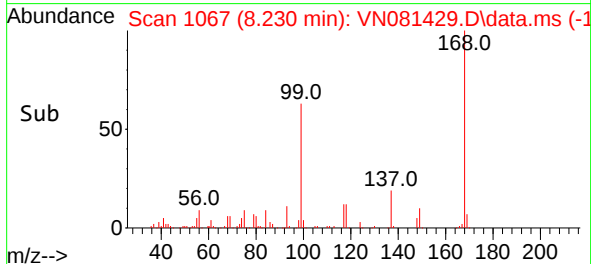
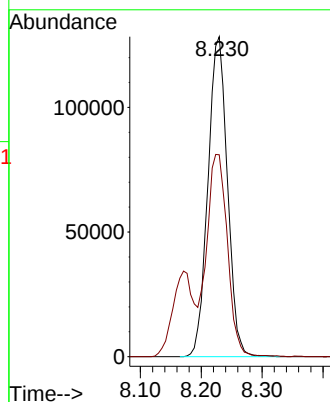
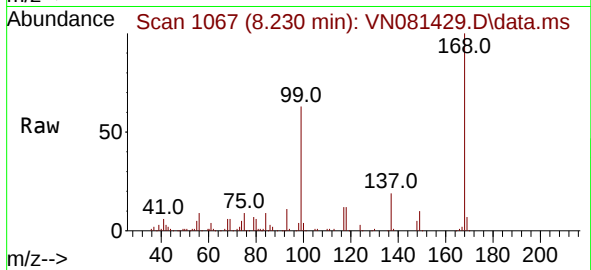
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

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ClientSampleId :
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Tgt Ion:168 Resp: 28525
Ion Ratio Lower Upper
168 100
99 62.9 59.9 89.9

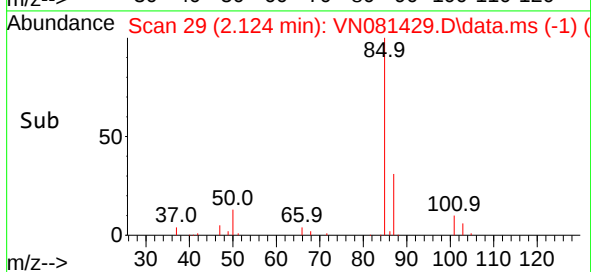
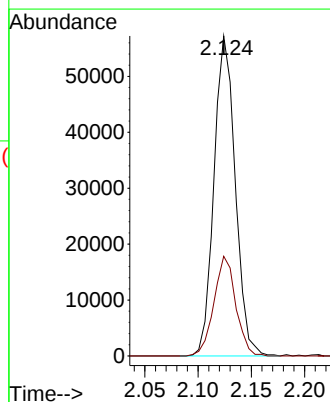
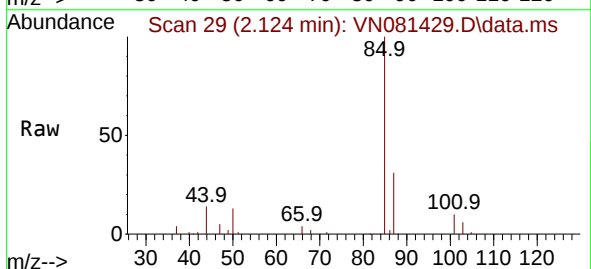
Manual Integrations
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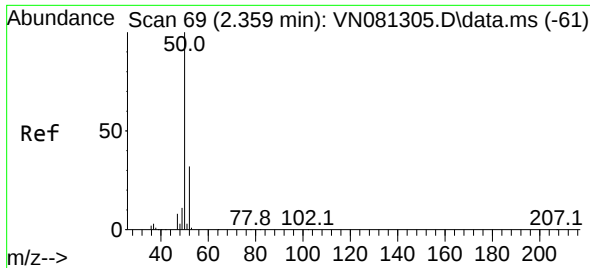
Reviewed By :John Carlone 03/18/2024
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#2
Dichlorodifluoromethane
Concen: 20.992 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

Tgt Ion: 85 Resp: 79380
Ion Ratio Lower Upper
85 100
87 31.2 15.3 45.9





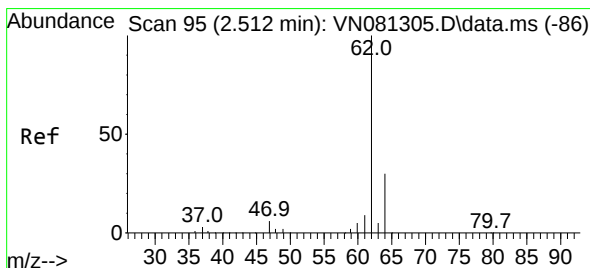
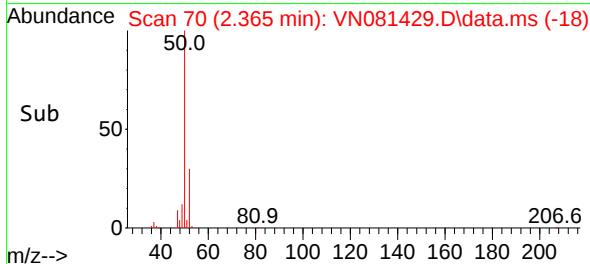
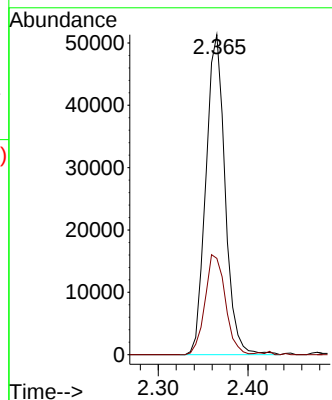
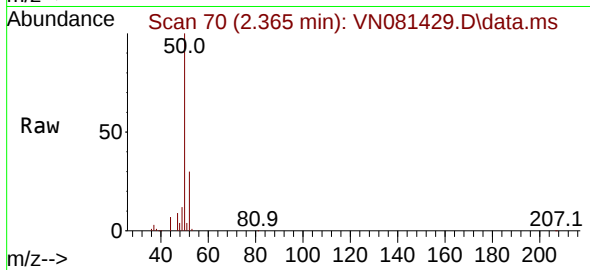
#3
Chloromethane
Concen: 18.654 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 7619
Ion Ratio Lower Upper
50 100
52 30.1 25.0 37.4

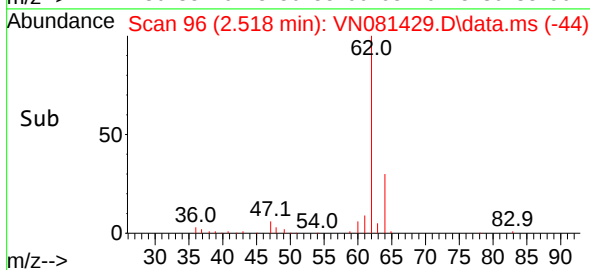
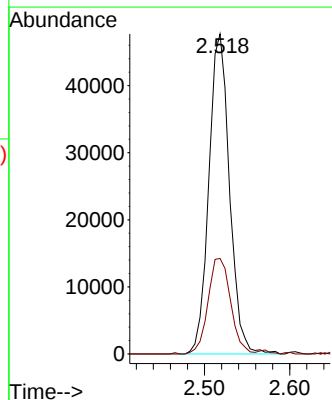
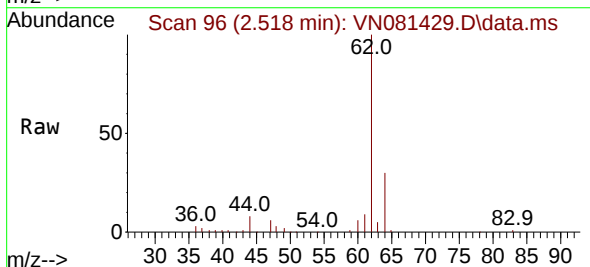
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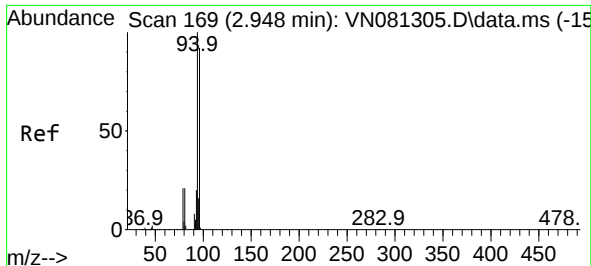
Reviewed By :John Carlone 03/18/2024
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#4
Vinyl Chloride
Concen: 18.851 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

Tgt Ion: 62 Resp: 80324
Ion Ratio Lower Upper
62 100
64 29.8 22.7 34.1





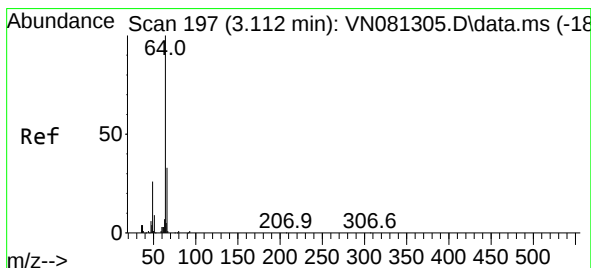
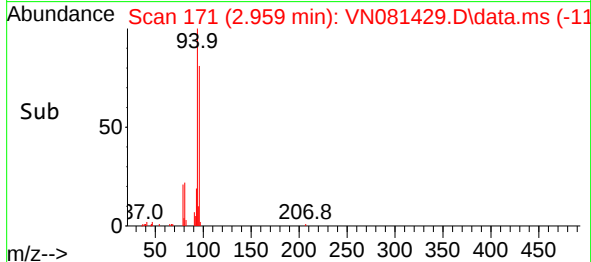
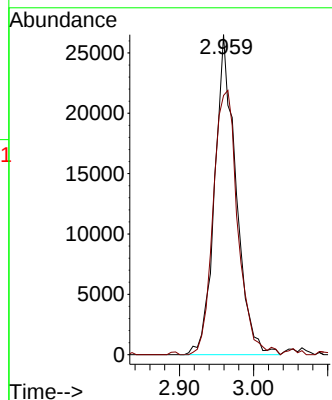
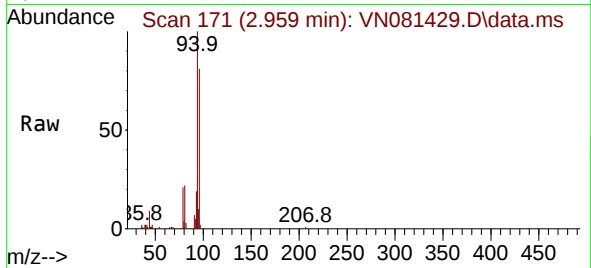
#5
Bromomethane
Concen: 18.604 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

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Tgt Ion: 94 Resp: 5294
Ion Ratio Lower Upper
94 100
96 81.0 69.2 103.8

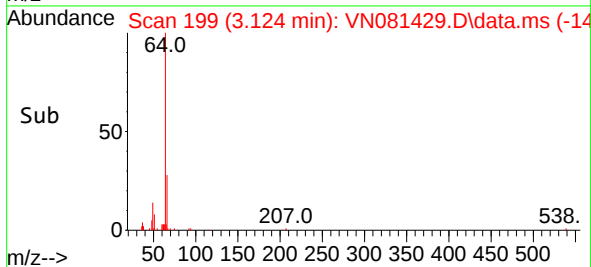
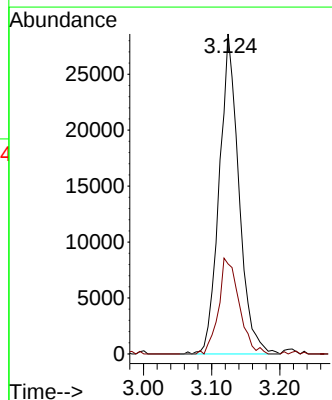
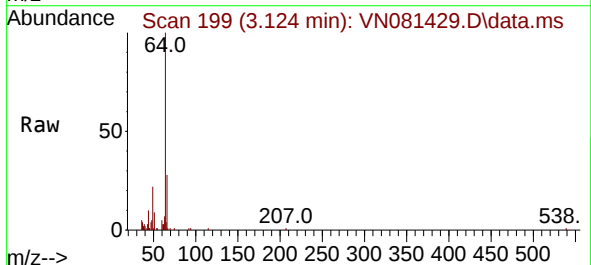
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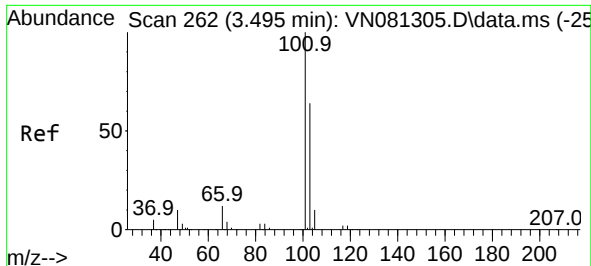
Reviewed By :John Carlone 03/18/2024
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#6
Chloroethane
Concen: 19.602 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

Tgt Ion: 64 Resp: 57369
Ion Ratio Lower Upper
64 100
66 28.2 26.4 39.6





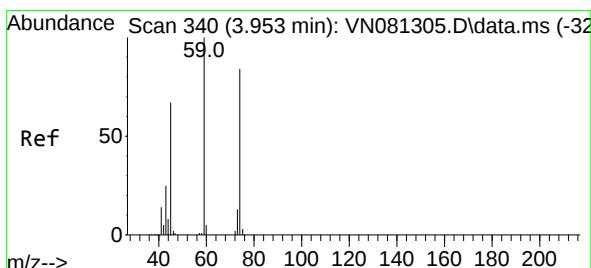
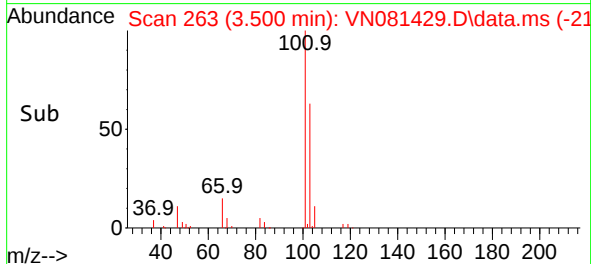
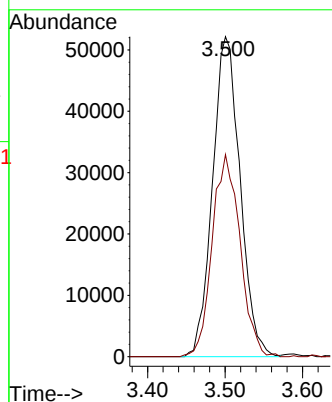
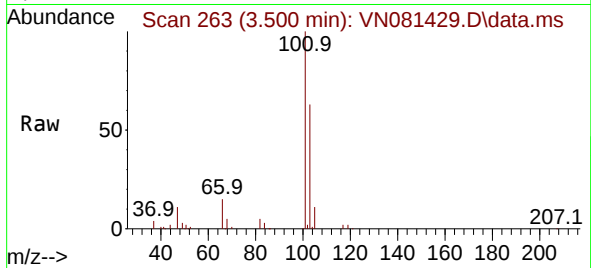
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Trichlorofluoromethane
Concen: 20.438 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

Instrument :
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Tgt Ion:101 Resp: 12883
Ion Ratio Lower Upper
101 100
103 63.1 54.4 81.6

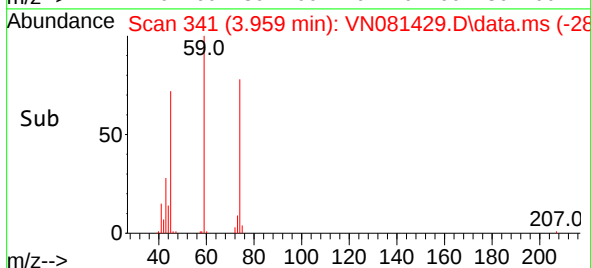
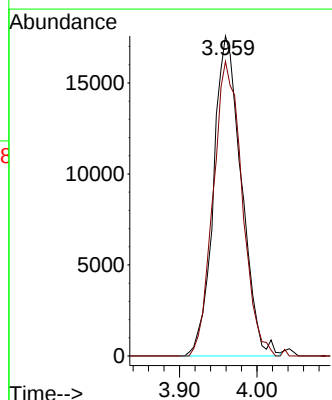
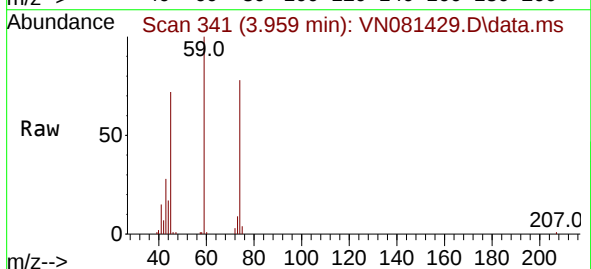
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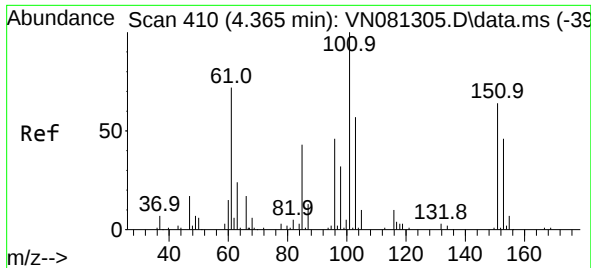
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#8
Diethyl Ether
Concen: 19.842 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

Tgt Ion: 74 Resp: 44065
Ion Ratio Lower Upper
74 100
45 95.0 53.3 159.9





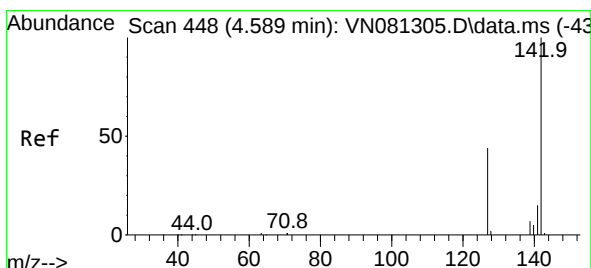
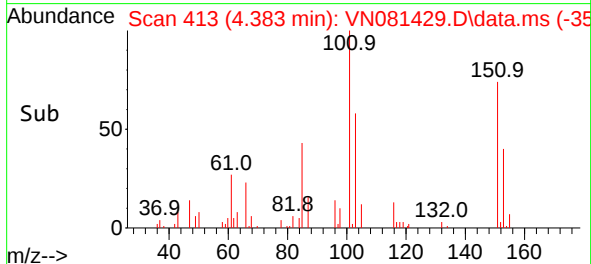
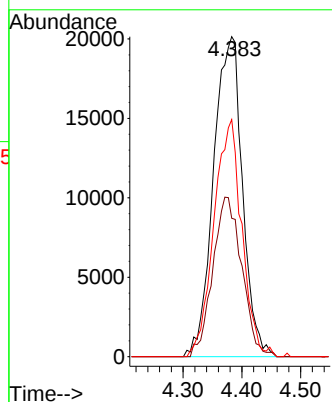
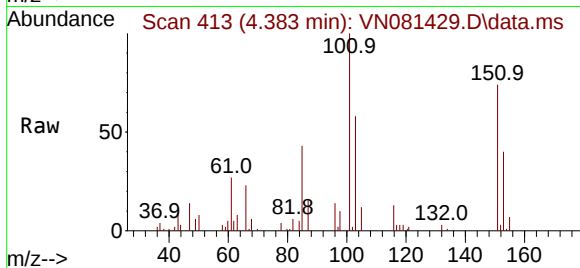
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.166 ug/l
RT: 4.383 min Scan# 410
Delta R.T. 0.018 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

Tgt Ion:101 Resp: 68800
Ion Ratio Lower Upper
101 100
85 50.1 38.1 57.1
151 71.5 49.1 73.7

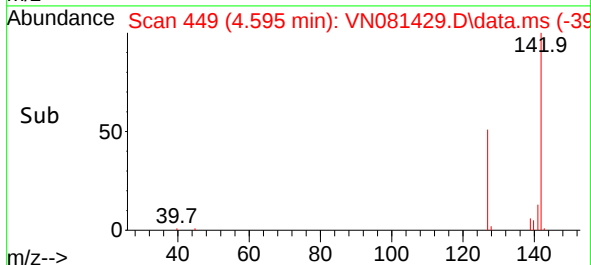
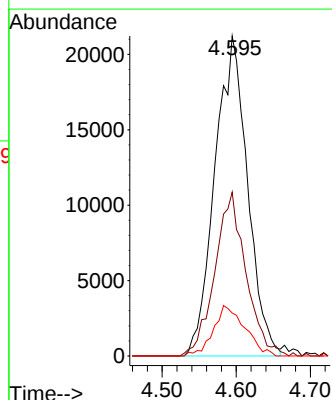
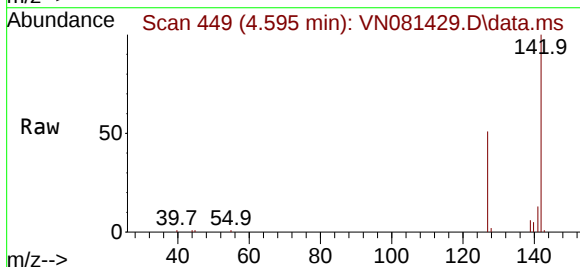
Manual Integrations
APPROVED

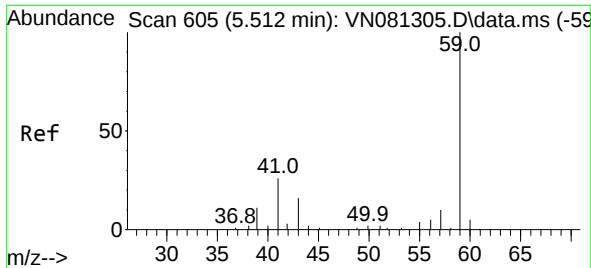
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#10
Methyl Iodide
Concen: 19.777 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

Tgt Ion:142 Resp: 64967
Ion Ratio Lower Upper
142 100
127 51.2 37.0 55.4
141 13.4 12.5 18.7





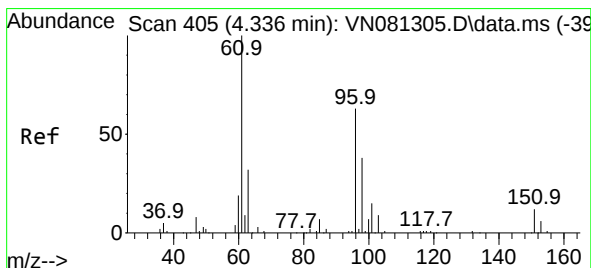
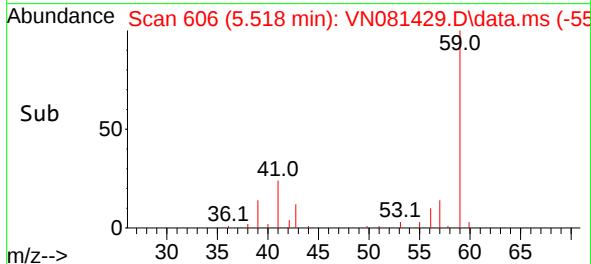
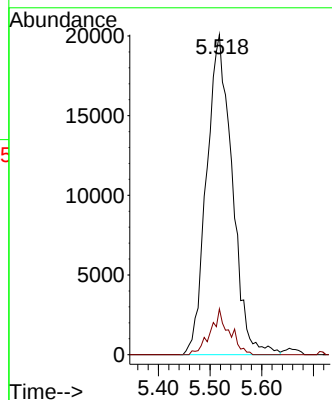
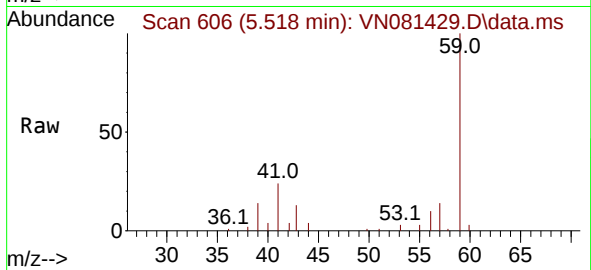
#11
Tert butyl alcohol
Concen: 95.717 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

Tgt Ion: 59 Resp: 6903
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

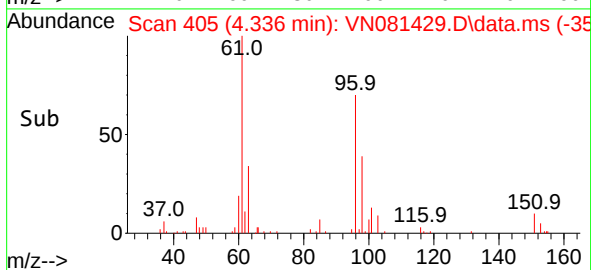
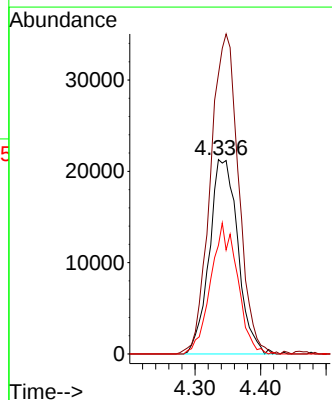
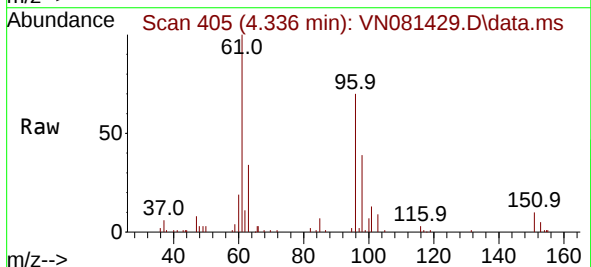
Manual Integrations
APPROVED

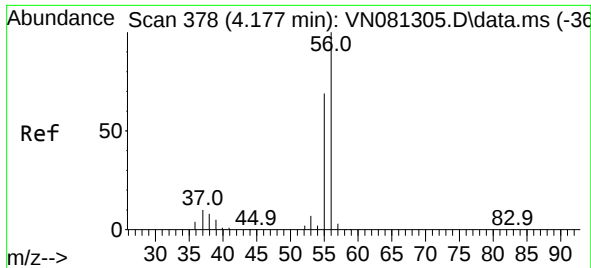
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#12
1,1-Dichloroethene
Concen: 19.324 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

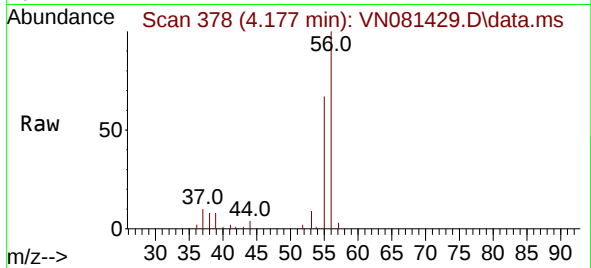
Tgt Ion: 96 Resp: 64239
Ion Ratio Lower Upper
96 100
61 143.8 138.2 207.4
98 55.9 49.2 73.8





#13
Acrolein
Concen: 72.099 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

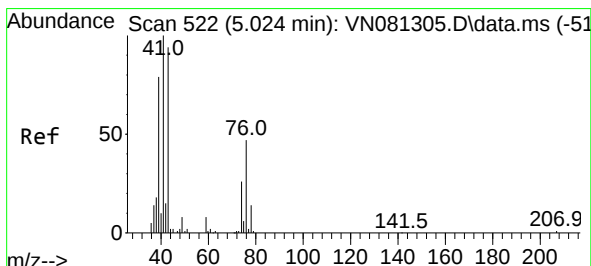
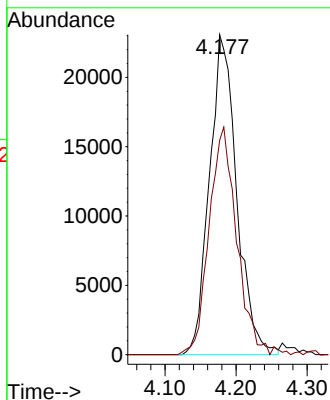
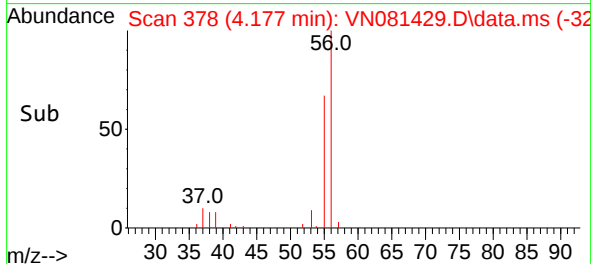
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01



Tgt Ion: 56 Resp: 6157
Ion Ratio Lower Upper
56 100
55 71.4 55.3 82.9

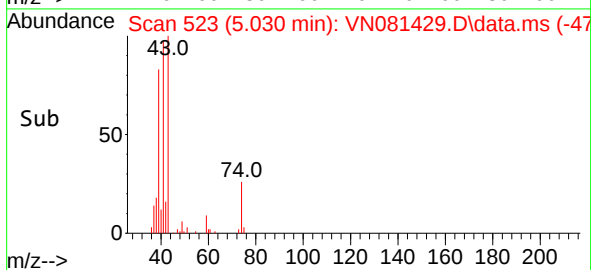
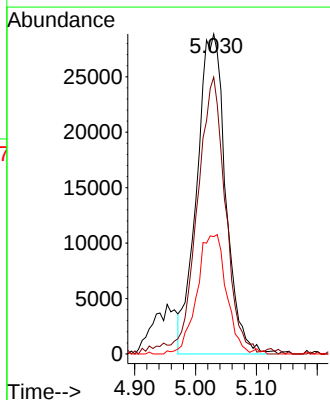
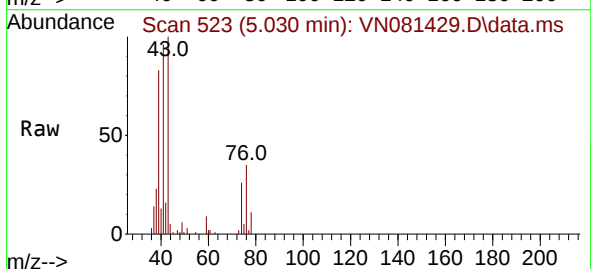
Manual Integrations
APPROVED

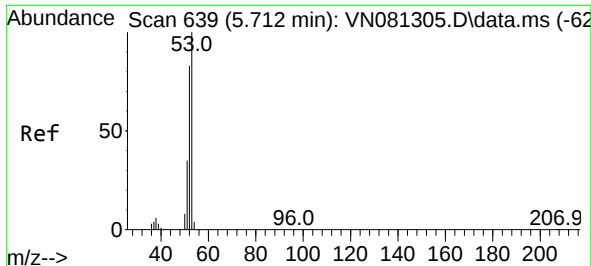
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#14
Allyl chloride
Concen: 19.262 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

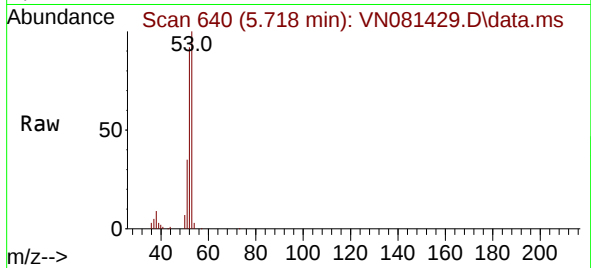
Tgt Ion: 41 Resp: 95026
Ion Ratio Lower Upper
41 100
39 85.7 57.7 86.5
76 37.9 26.8 40.2





#15
Acrylonitrile
Concen: 101.354 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

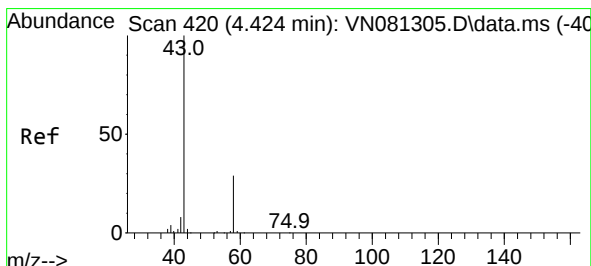
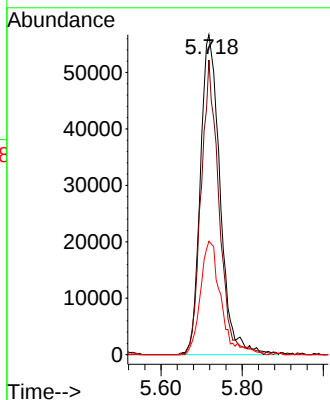
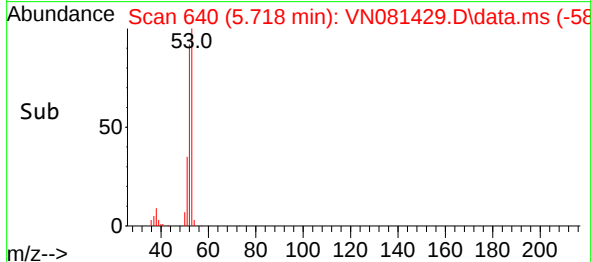
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01



Tgt Ion: 53 Resp: 190959
Ion Ratio Lower Upper
53 100
52 83.2 64.8 97.2
51 36.9 26.9 40.3

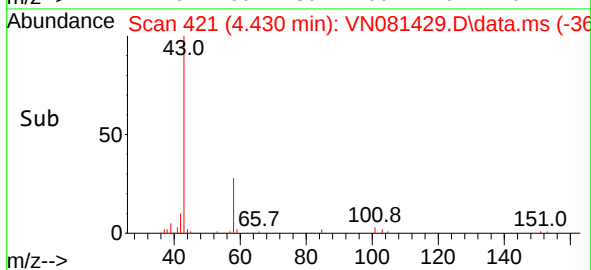
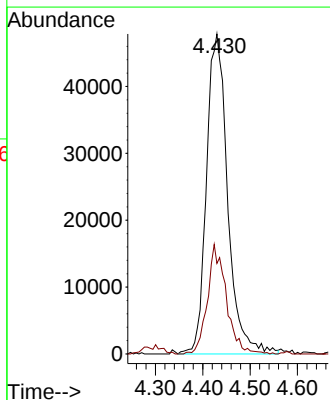
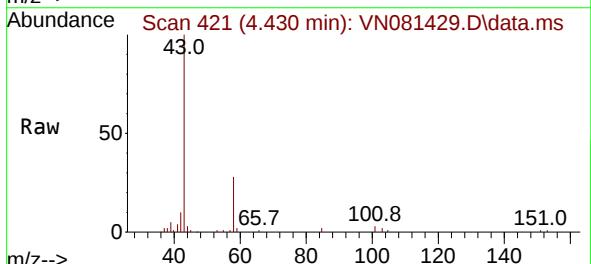
Manual Integrations
APPROVED

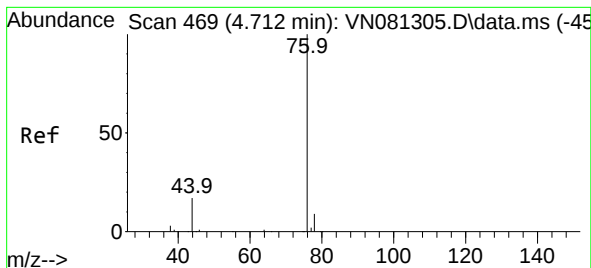
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#16
Acetone
Concen: 101.732 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

Tgt Ion: 43 Resp: 148663
Ion Ratio Lower Upper
43 100
58 28.3 24.8 37.2





#17

Carbon Disulfide

Concen: 17.408 ug/l

RT: 4.718 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN081429.D

Acq: 15 Mar 2024 16:53

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBS01

Tgt Ion: 76 Resp: 16516

Ion Ratio Lower Upper

76 100

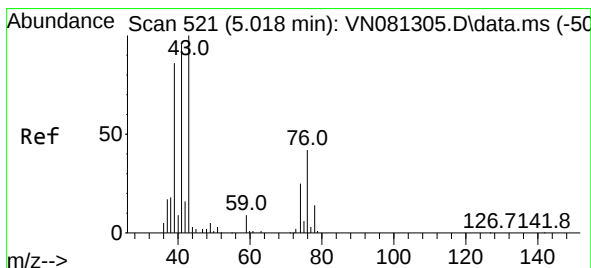
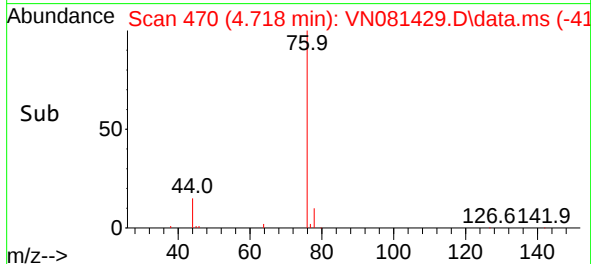
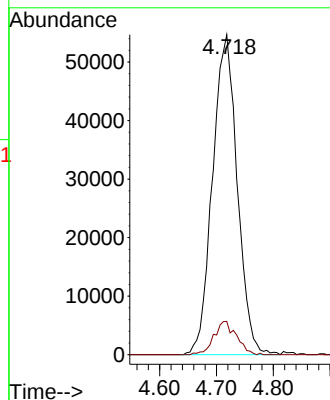
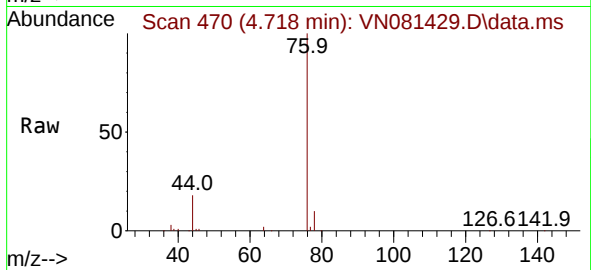
78 10.4 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#18

Methyl Acetate

Concen: 24.283 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081429.D

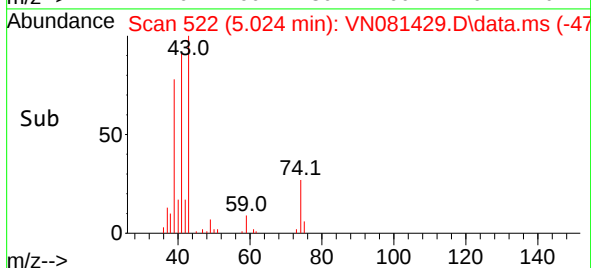
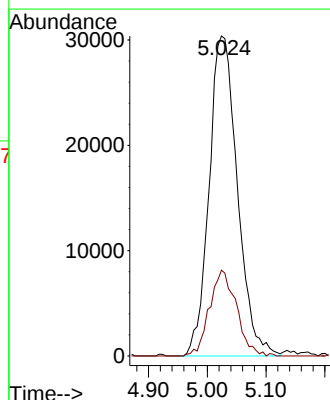
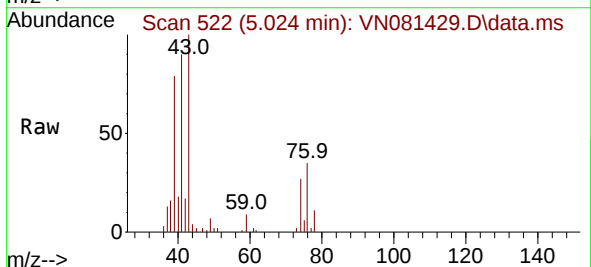
Acq: 15 Mar 2024 16:53

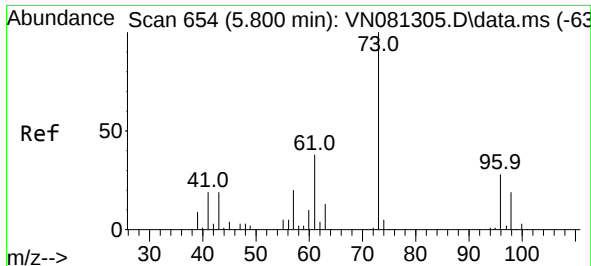
Tgt Ion: 43 Resp: 101596

Ion Ratio Lower Upper

43 100

74 25.5 17.3 25.9





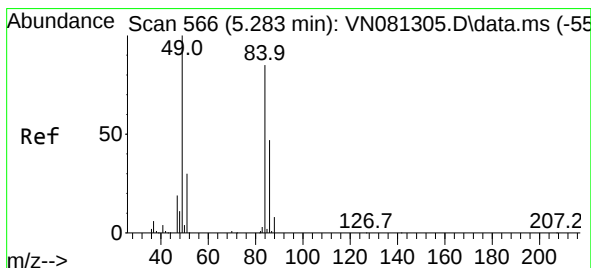
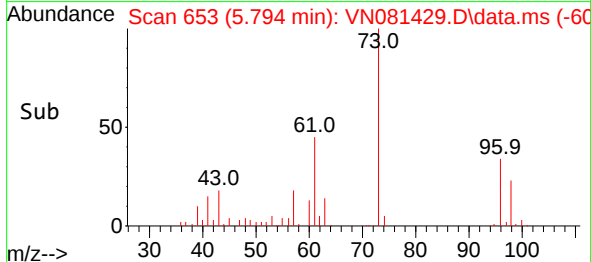
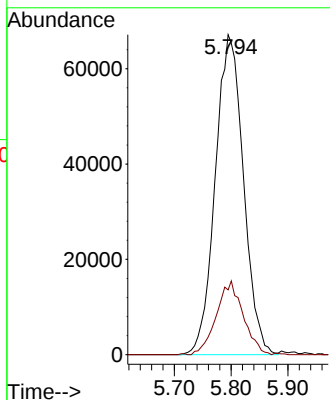
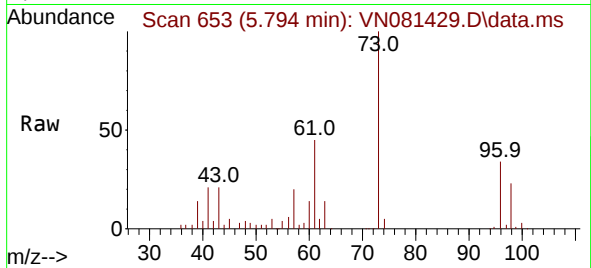
#19
Methyl tert-butyl Ether
Concen: 20.526 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

Tgt Ion: 73 Resp: 23142
Ion Ratio Lower Upper
73 100
57 20.3 18.2 27.4

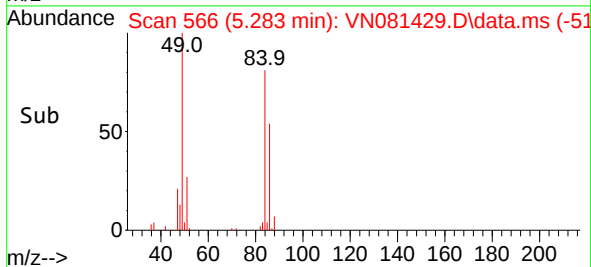
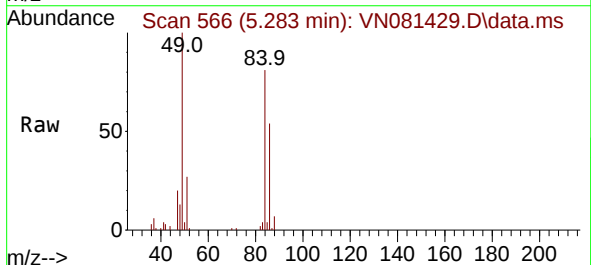
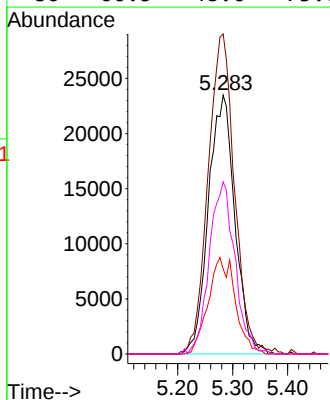
Manual Integrations
APPROVED

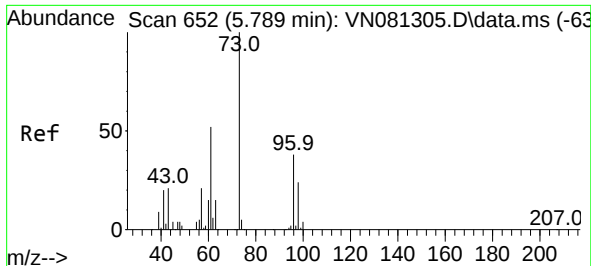
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#20
Methylene Chloride
Concen: 21.333 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

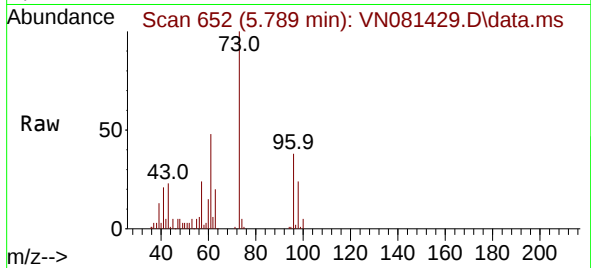
Tgt Ion: 84 Resp: 78687
Ion Ratio Lower Upper
84 100
49 123.7 108.1 162.1
51 32.9 32.9 49.3#
86 66.5 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 18.476 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

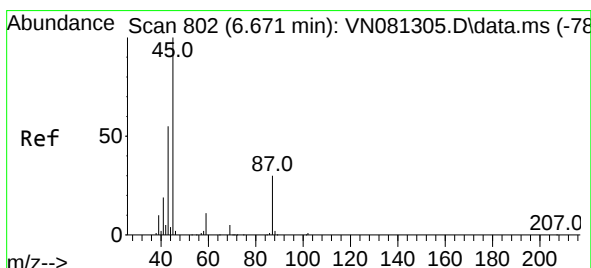
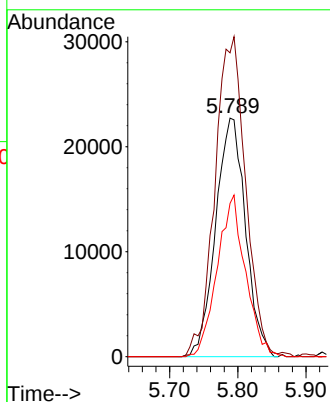
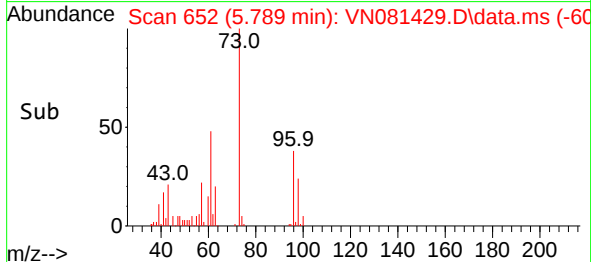
Instrument :
MSVOA_N
Client SampleId :
VN0315WBS01



Tgt Ion: 96 Resp: 6924
Ion Ratio Lower Upper
96 100
61 127.4 112.8 169.2
98 64.2 51.0 76.4

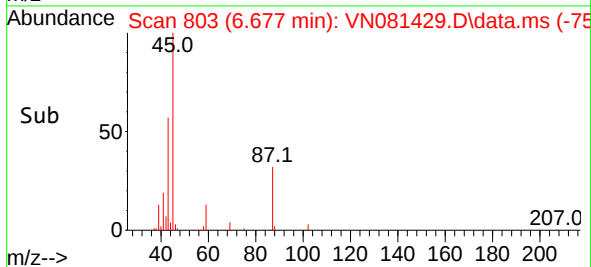
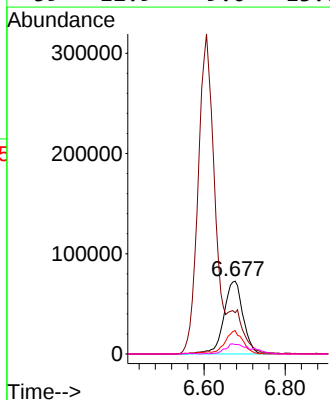
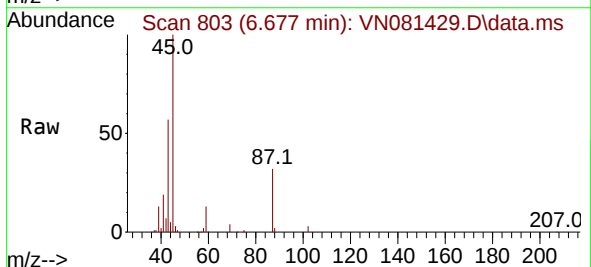
Manual Integrations
APPROVED

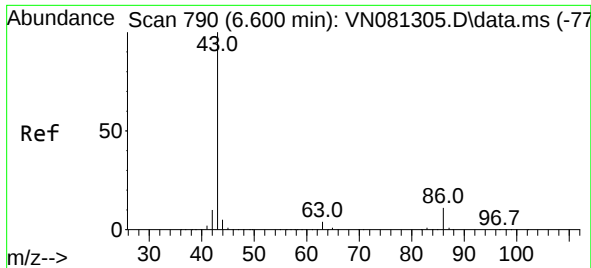
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#22
Diisopropyl ether
Concen: 21.772 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

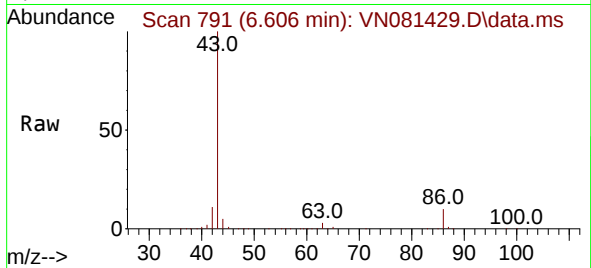
Tgt Ion: 45 Resp: 238571
Ion Ratio Lower Upper
45 100
43 56.4 41.8 62.8
87 32.0 18.1 27.1#
59 12.9 9.0 13.6





#23
 Vinyl Acetate
 Concen: 101.277 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081429.D
 Acq: 15 Mar 2024 16:53

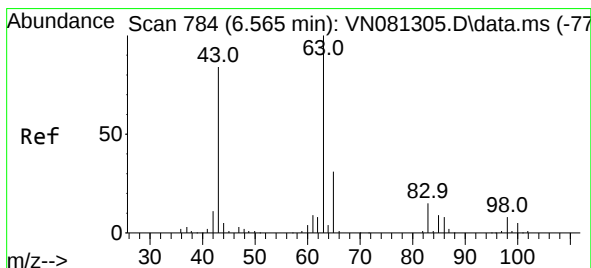
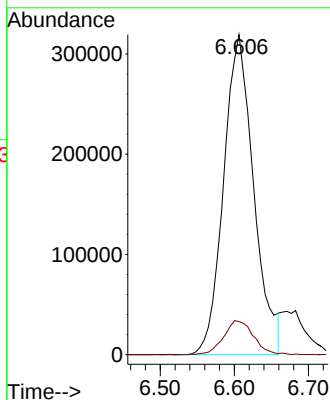
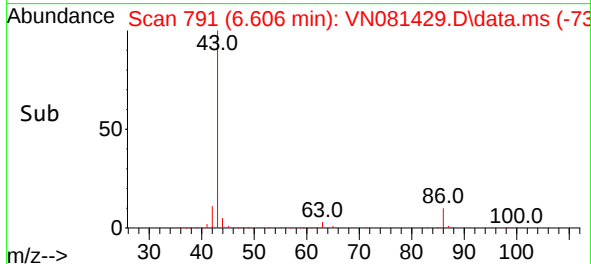
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315WBS01



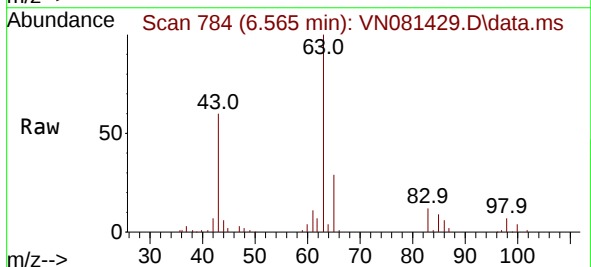
Tgt Ion: 43 Resp: 901554
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.1 10.7

Manual Integrations
 APPROVED

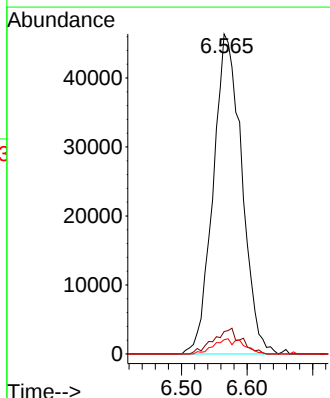
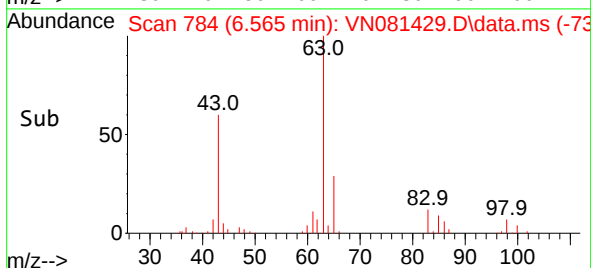
Reviewed By :John Carlone 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024

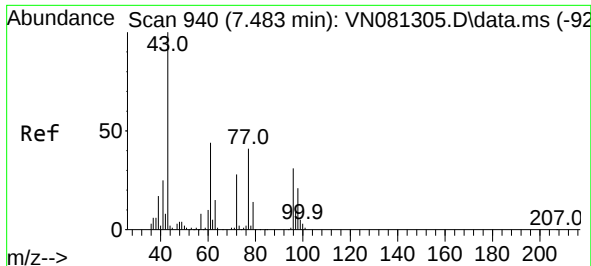


#24
 1,1-Dichloroethane
 Concen: 20.924 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081429.D
 Acq: 15 Mar 2024 16:53



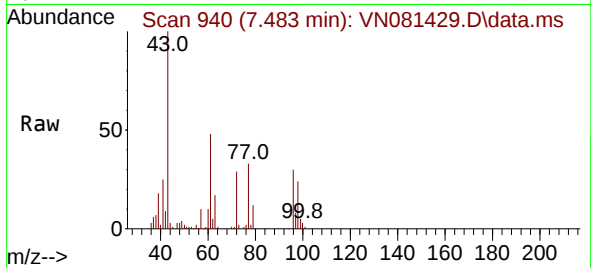
Tgt Ion: 63 Resp: 140350
 Ion Ratio Lower Upper
 63 100
 98 7.0 2.9 8.6
 100 4.4 1.9 5.7





#25
2-Butanone
Concen: 101.716 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

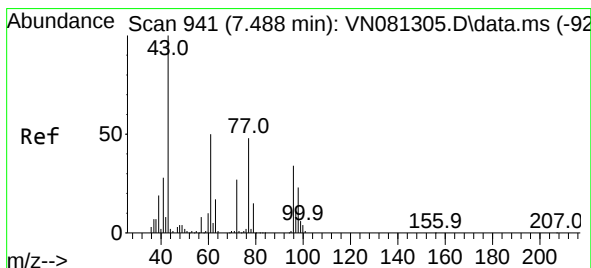
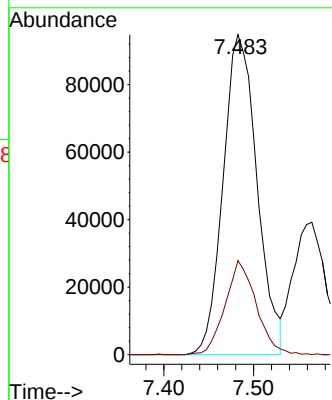
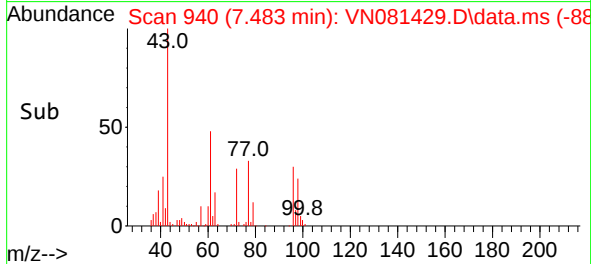
Instrument :
MSVOA_N
Client Sample Id :
VN0315WBS01



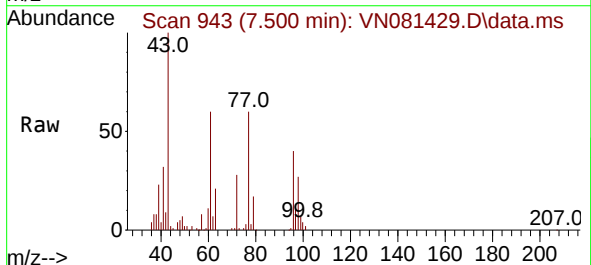
Tgt Ion: 43 Resp: 248925
Ion Ratio Lower Upper
43 100
72 29.4 19.5 29.3

Manual Integrations
APPROVED

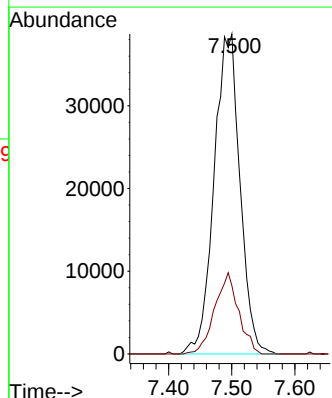
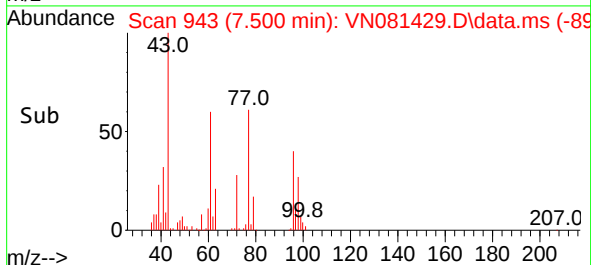
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

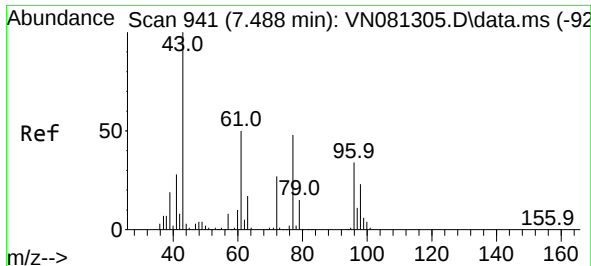


#26
2,2-Dichloropropane
Concen: 18.589 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53



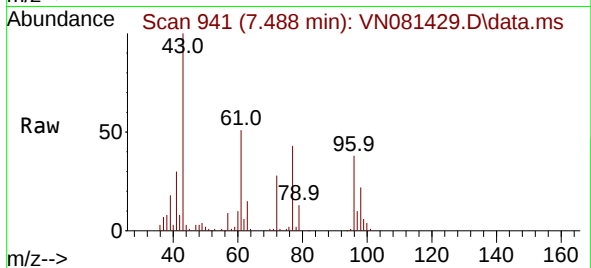
Tgt Ion: 77 Resp: 110204
Ion Ratio Lower Upper
77 100
97 23.4 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.527 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081429.D
 Acq: 15 Mar 2024 16:53

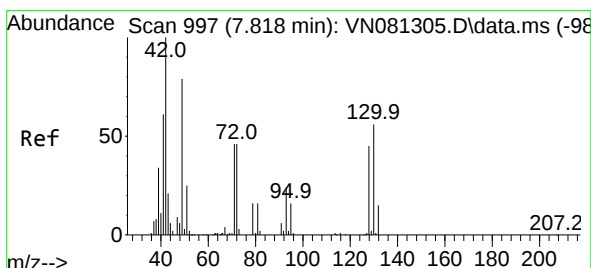
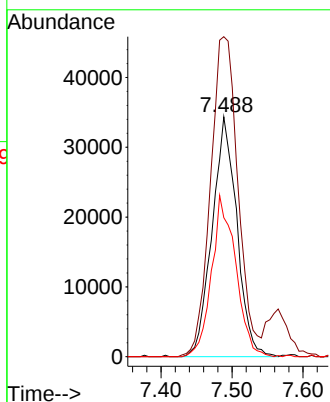
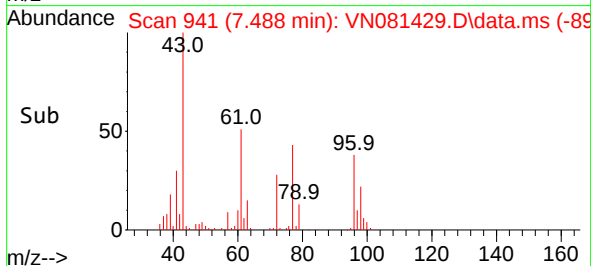
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315WBS01



Tgt Ion: 96 Resp: 82974
 Ion Ratio Lower Upper
 96 100
 61 148.9 0.0 325.4
 98 65.6 0.0 130.4

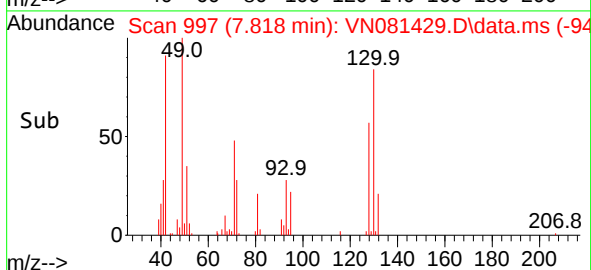
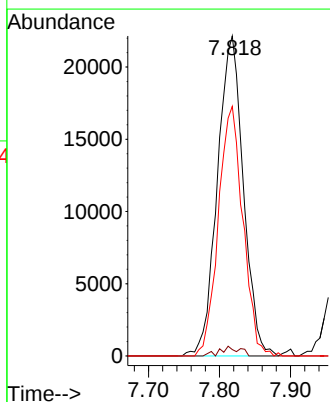
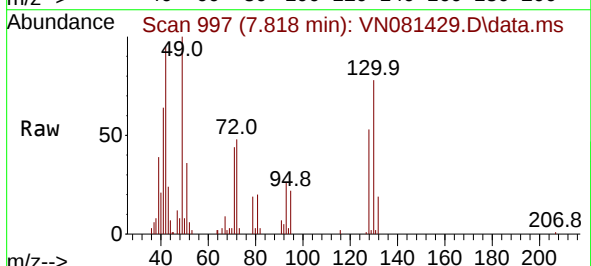
Manual Integrations
 APPROVED

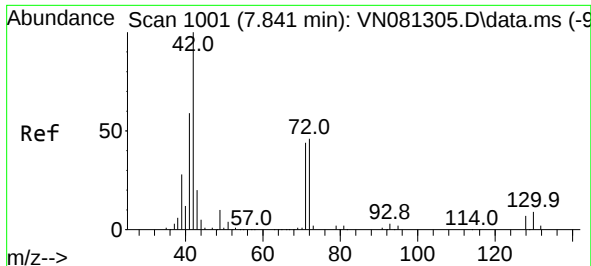
Reviewed By :John Carlone 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024



#28
 Bromochloromethane
 Concen: 19.593 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN081429.D
 Acq: 15 Mar 2024 16:53

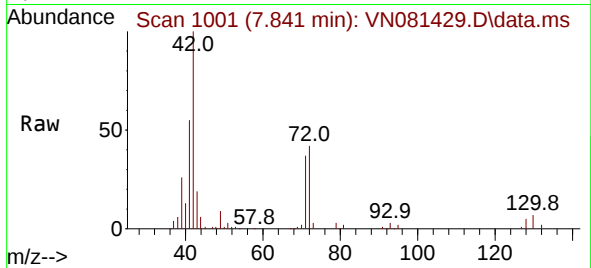
Tgt Ion: 49 Resp: 56233
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 1.6#
 130 73.7 42.3 63.5#





#29
Tetrahydrofuran
Concen: 100.116 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

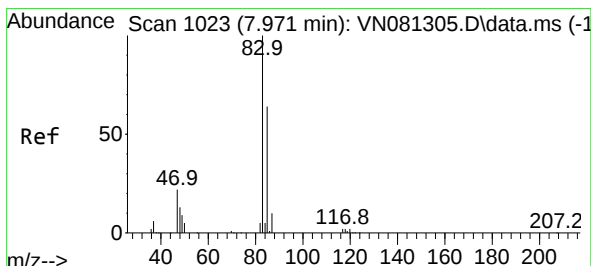
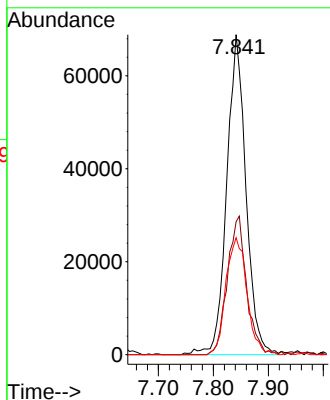
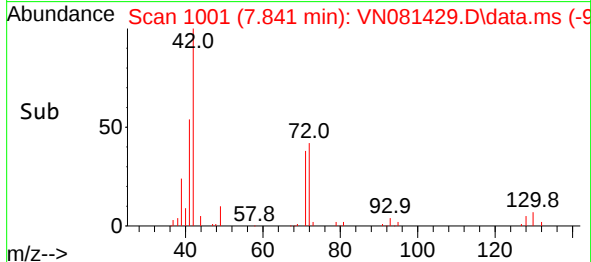
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01



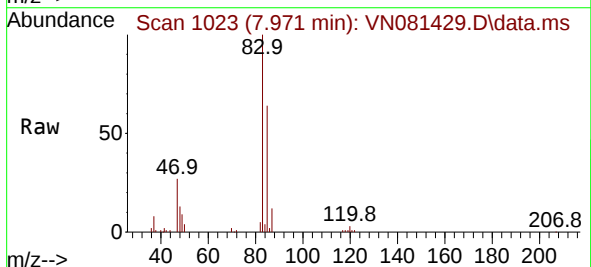
Tgt Ion: 42 Resp: 16707
Ion Ratio Lower Upper
42 100
72 43.3 31.1 46.7
71 39.9 28.3 42.5

Manual Integrations
APPROVED

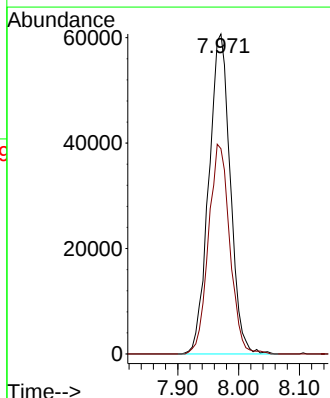
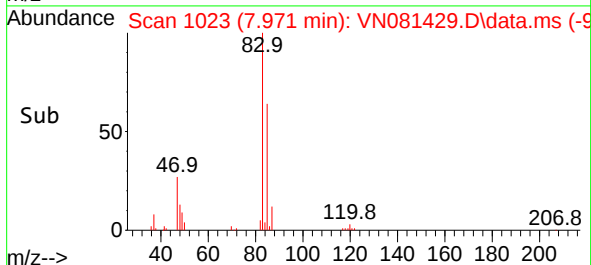
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

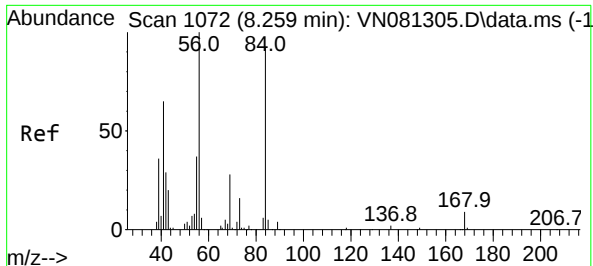


#30
Chloroform
Concen: 21.341 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53



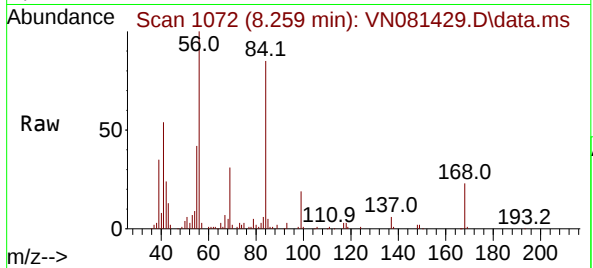
Tgt Ion: 83 Resp: 148552
Ion Ratio Lower Upper
83 100
85 64.2 51.0 76.6





#31
Cyclohexane
Concen: 18.971 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

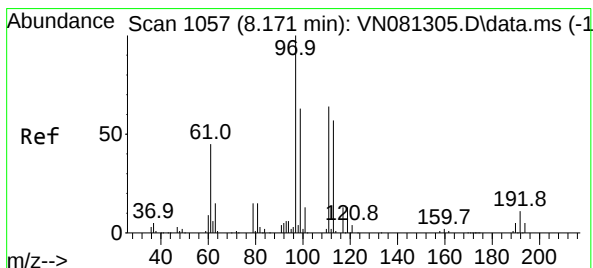
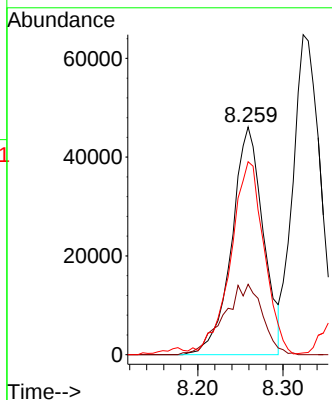
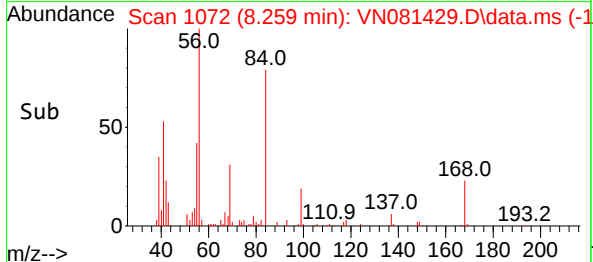
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01



Tgt Ion: 56 Resp: 118464
Ion Ratio Lower Upper
56 100
69 30.9 20.1 30.1
84 81.6 56.9 85.3

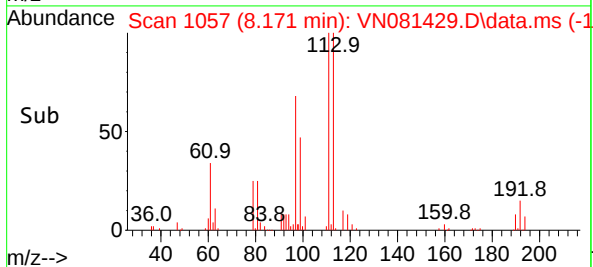
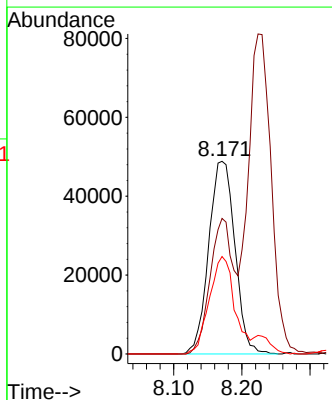
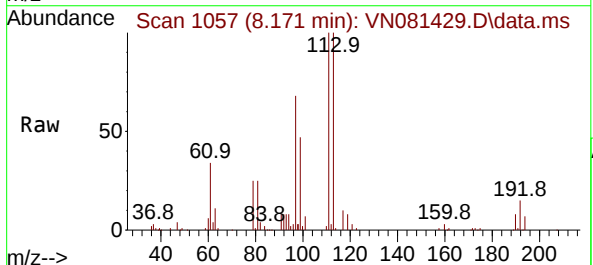
Manual Integrations
APPROVED

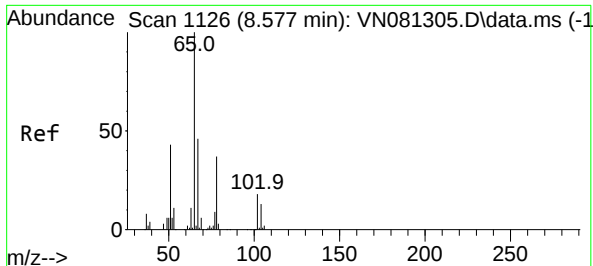
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#32
1,1,1-Trichloroethane
Concen: 21.234 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

Tgt Ion: 97 Resp: 130645
Ion Ratio Lower Upper
97 100
99 63.5 53.4 80.0
61 48.9 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 54.803 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081429.D

Acq: 15 Mar 2024 16:53

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBS01

Tgt Ion: 65 Resp: 22603

Ion Ratio Lower Upper

65 100

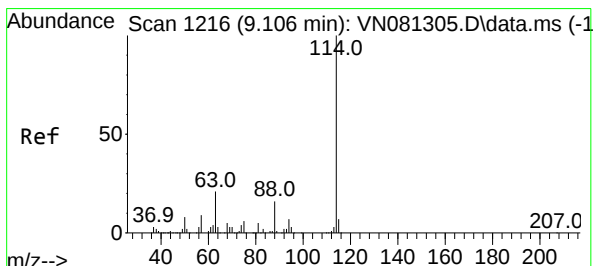
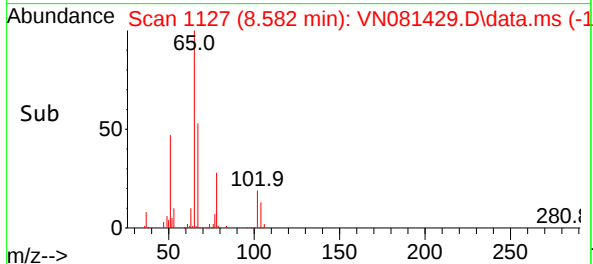
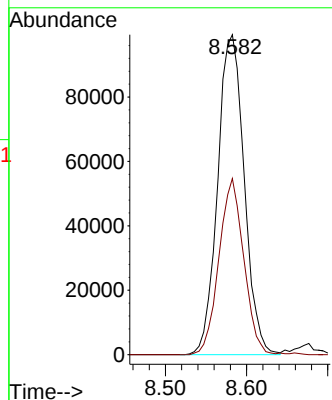
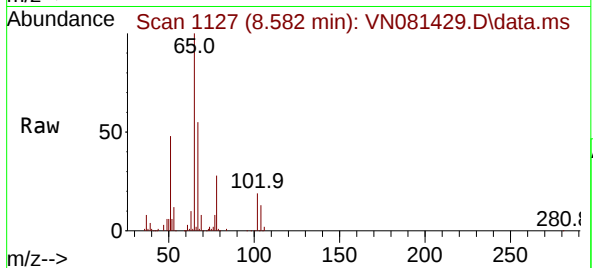
67 51.5 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081429.D

Acq: 15 Mar 2024 16:53

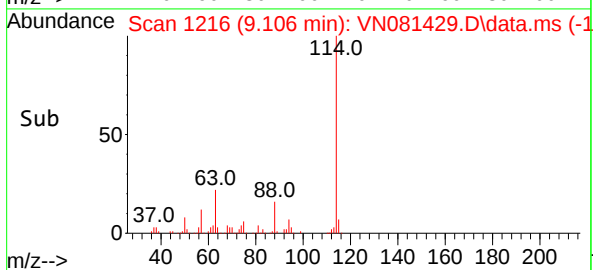
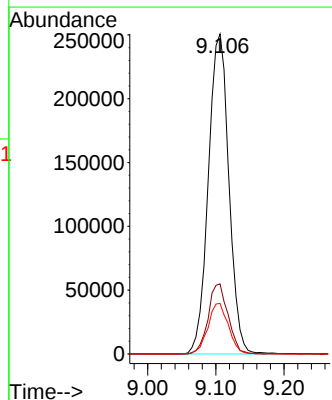
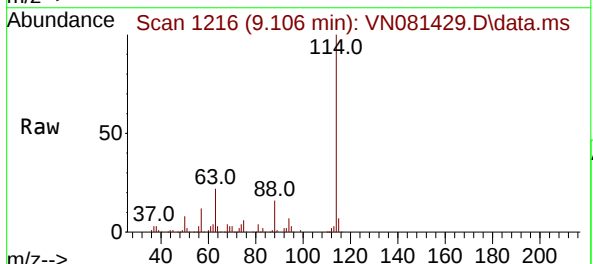
Tgt Ion:114 Resp: 525487

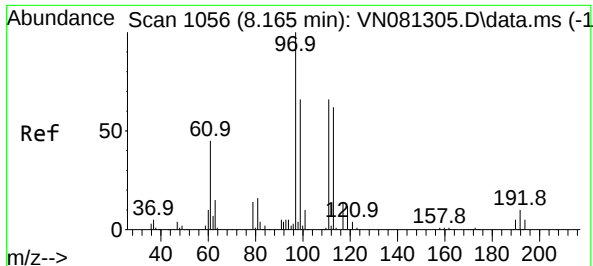
Ion Ratio Lower Upper

114 100

63 21.9 0.0 48.0

88 15.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 53.222 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081429.D

Acq: 15 Mar 2024 16:53

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBS01

Tgt Ion: 113 Resp: 17134

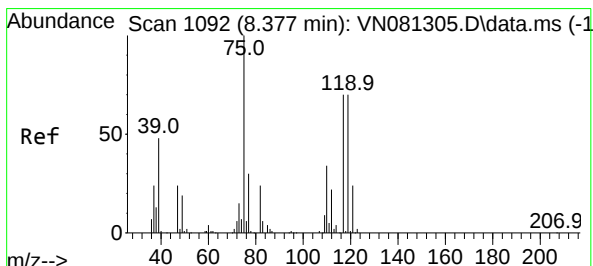
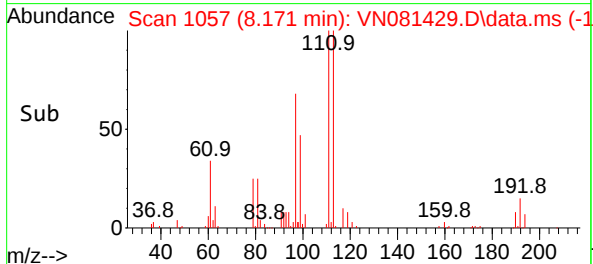
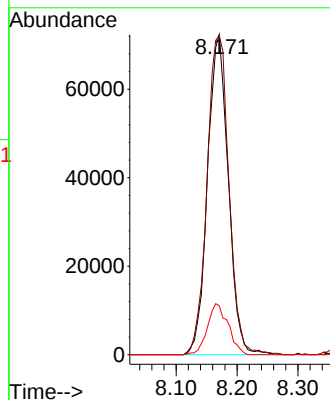
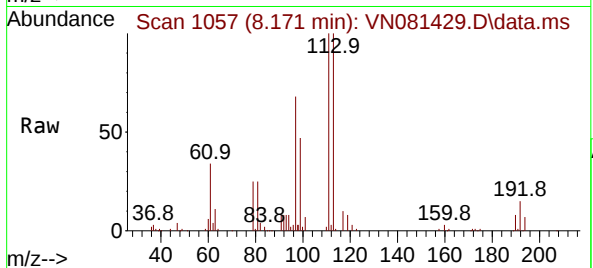
Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.2	123.4
192	15.9	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#36

1,1-Dichloropropene

Concen: 20.997 ug/l

RT: 8.371 min Scan# 1091

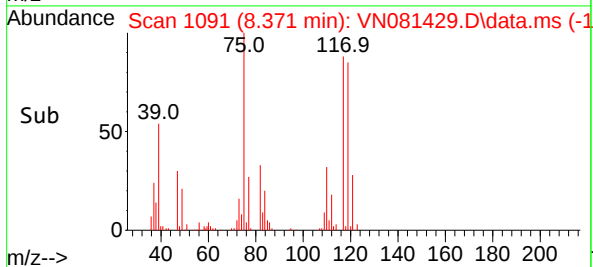
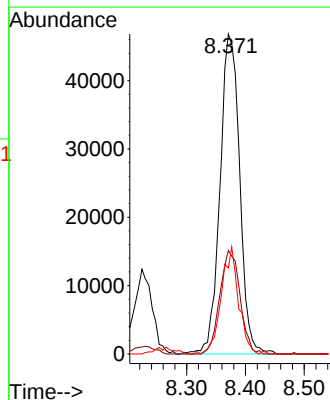
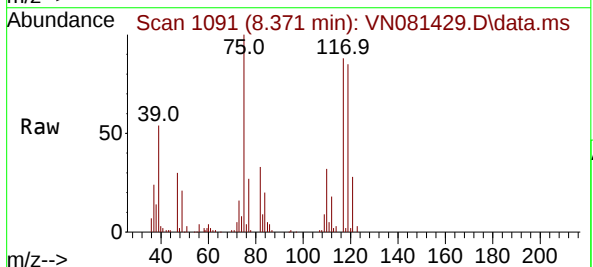
Delta R.T. -0.006 min

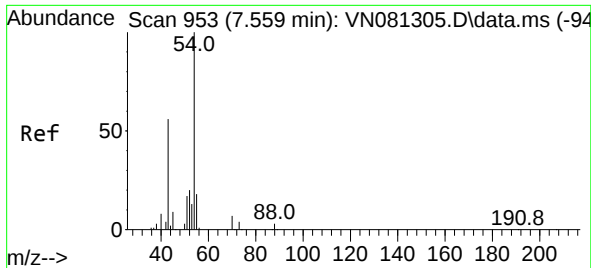
Lab File: VN081429.D

Acq: 15 Mar 2024 16:53

Tgt Ion: 75 Resp: 109058

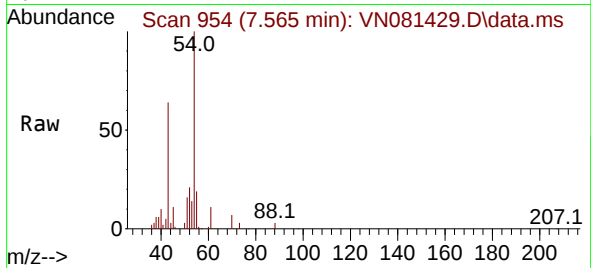
Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.0	48.0
77	29.3	25.8	38.6





#37
Ethyl Acetate
Concen: 20.183 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

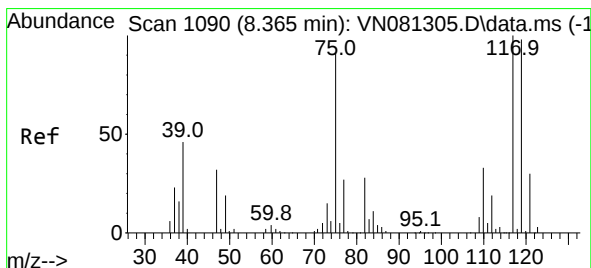
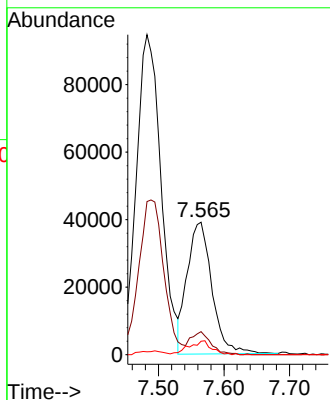
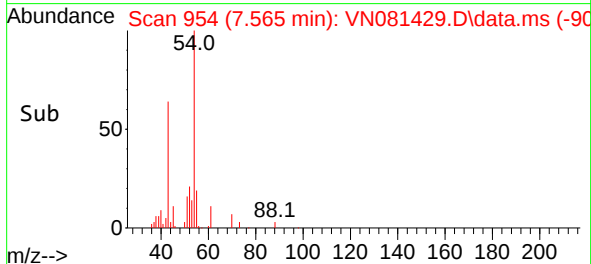
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01



Tgt Ion: 43 Resp: 102474
Ion Ratio Lower Upper
43 100
61 14.0 10.6 15.8
70 9.6 8.0 12.0

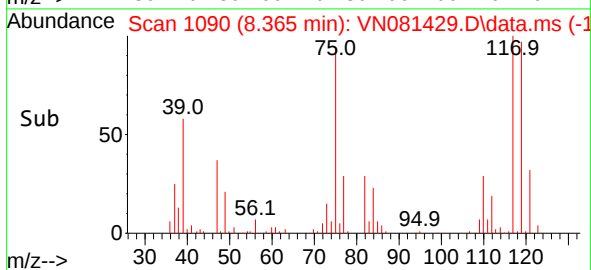
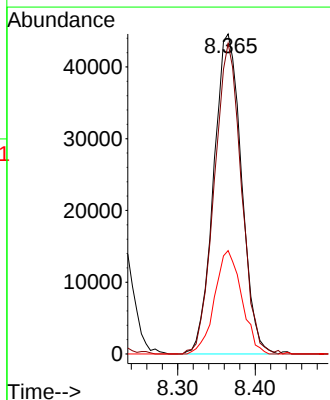
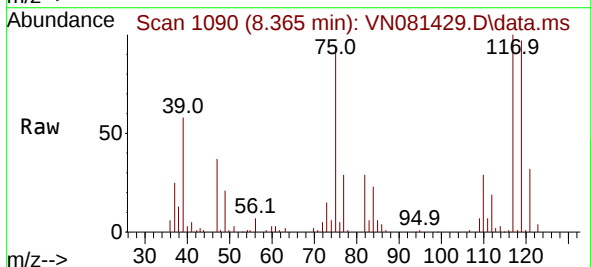
Manual Integrations
APPROVED

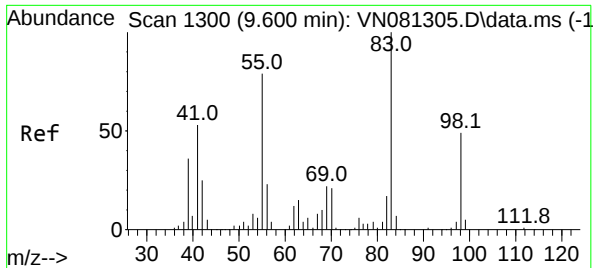
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#38
Carbon Tetrachloride
Concen: 21.253 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

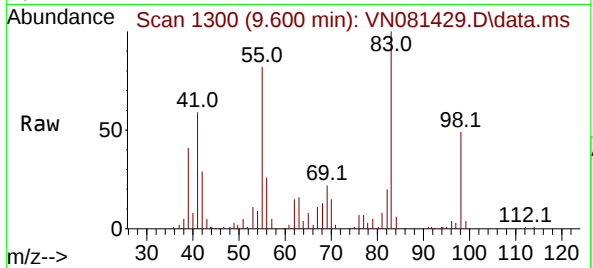
Tgt Ion:117 Resp: 111100
Ion Ratio Lower Upper
117 100
119 97.1 73.4 110.2
121 32.3 24.4 36.6





#39
Methylcyclohexane
Concen: 18.589 ug/l
RT: 9.600 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

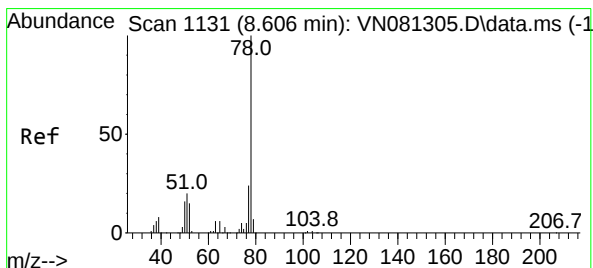
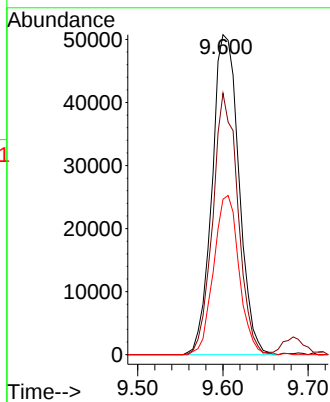
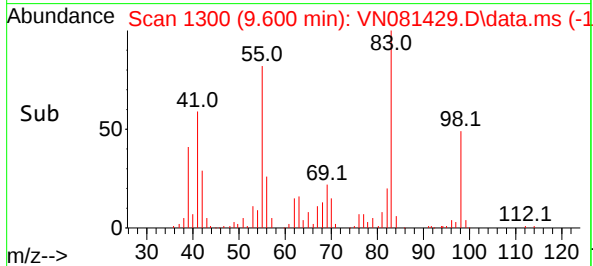
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01



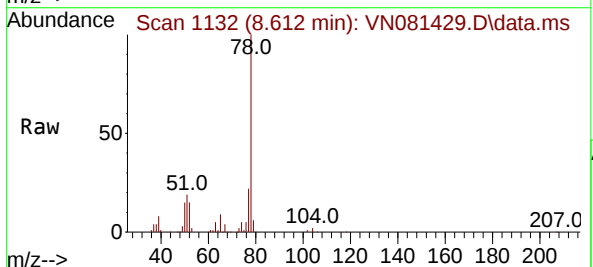
Tgt Ion: 83 Resp: 111118
Ion Ratio Lower Upper
83 100
55 81.7 65.7 98.5
98 48.6 33.8 50.6

Manual Integrations
APPROVED

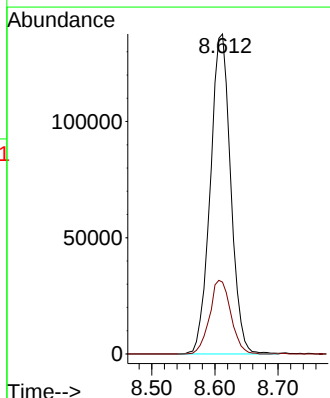
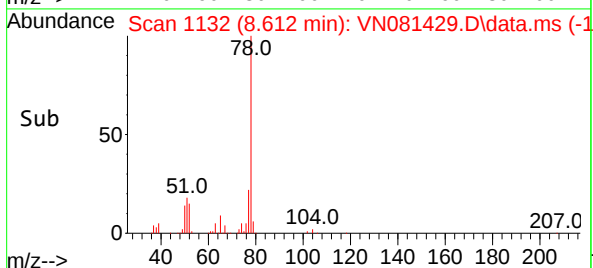
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

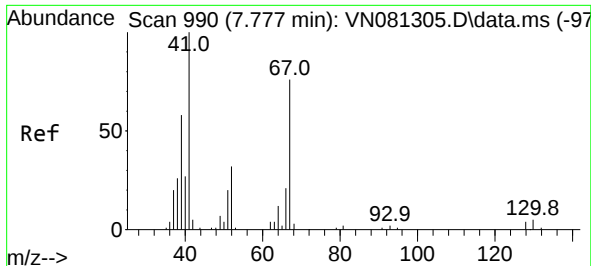


#40
Benzene
Concen: 19.893 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53



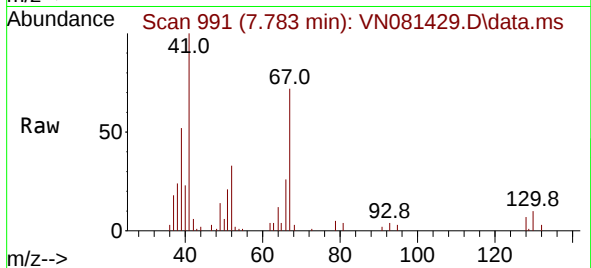
Tgt Ion: 78 Resp: 308407
Ion Ratio Lower Upper
78 100
77 22.5 20.4 30.6





#41
Methacrylonitrile
Concen: 19.214 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

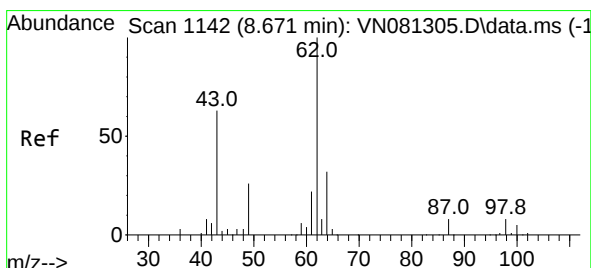
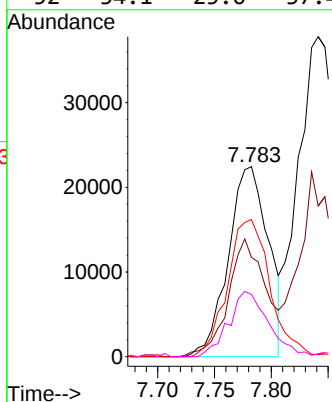
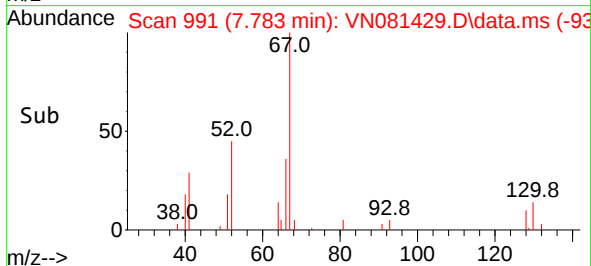
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01



Tgt Ion: 41 Resp: 5509
Ion Ratio Lower Upper
41 100
39 57.8 48.4 72.6
67 77.4 56.8 85.2
52 34.1 25.0 37.4

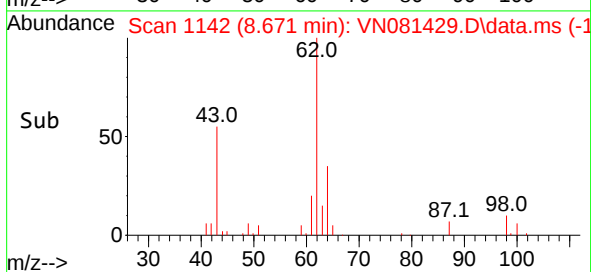
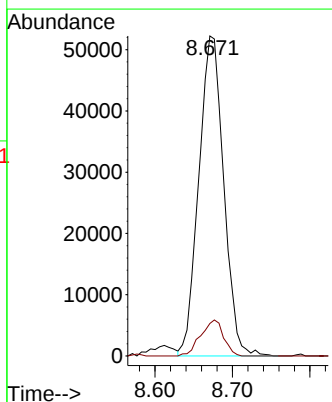
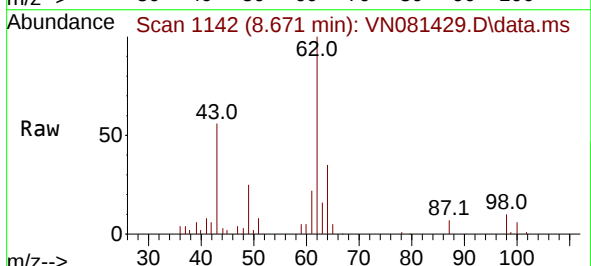
Manual Integrations
APPROVED

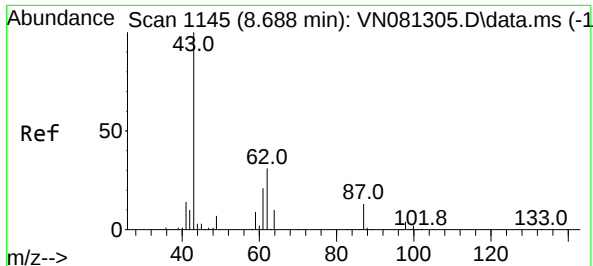
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#42
1,2-Dichloroethane
Concen: 21.374 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

Tgt Ion: 62 Resp: 116835
Ion Ratio Lower Upper
62 100
98 10.3 0.0 18.0





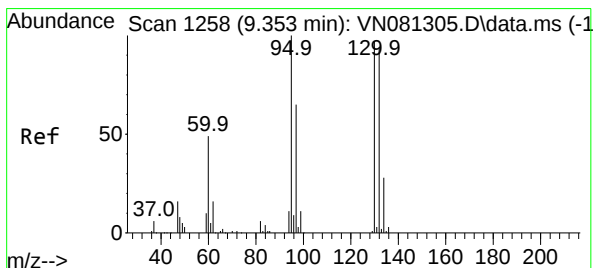
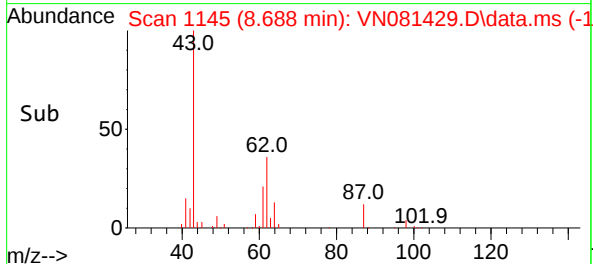
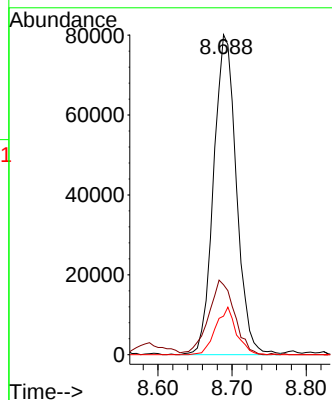
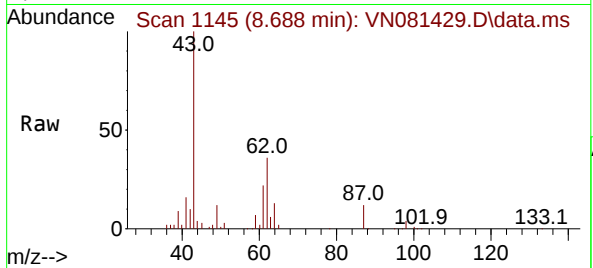
#43
Isopropyl Acetate
Concen: 19.240 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

Tgt Ion: 43 Resp: 17098
Ion Ratio Lower Upper
43 100
61 26.6 19.9 29.9
87 13.5 9.0 13.6

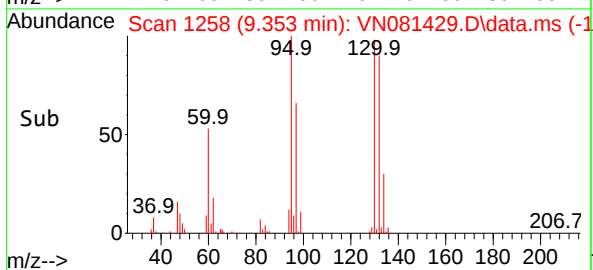
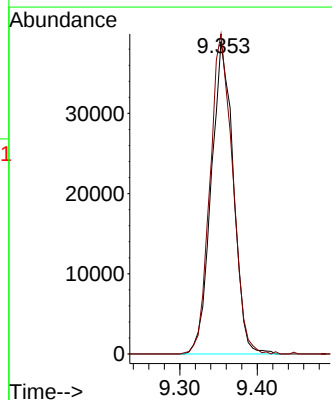
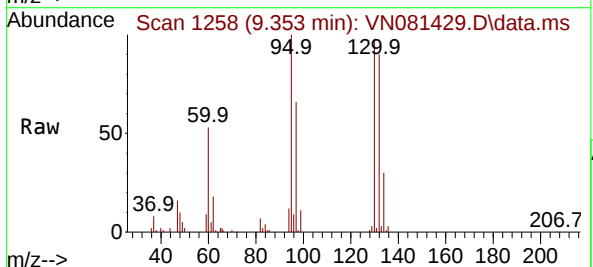
Manual Integrations
APPROVED

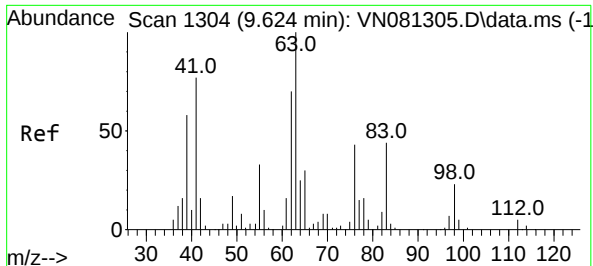
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#44
Trichloroethene
Concen: 19.686 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

Tgt Ion:130 Resp: 76976
Ion Ratio Lower Upper
130 100
95 102.4 0.0 210.4





#45

1,2-Dichloropropane

Concen: 20.947 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081429.D

Acq: 15 Mar 2024 16:53

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBS01

Tgt Ion: 63 Resp: 8158

Ion Ratio Lower Upper

63 100

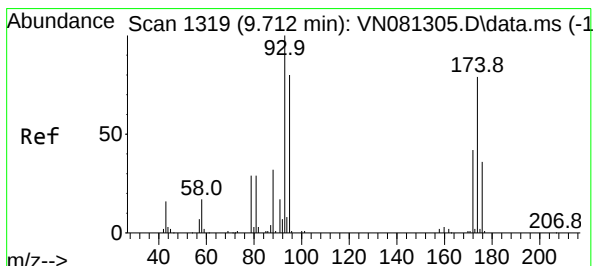
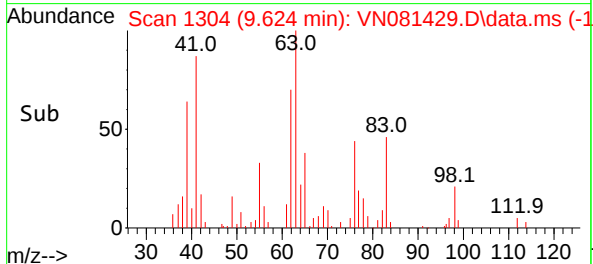
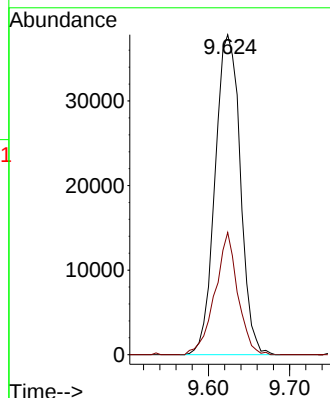
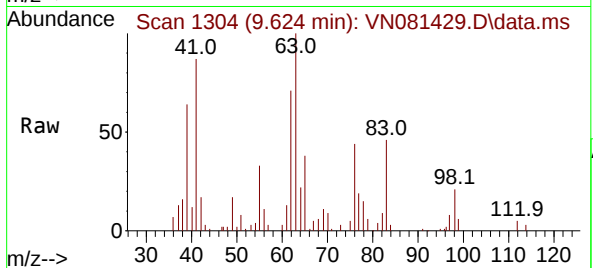
65 38.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#46

Dibromomethane

Concen: 21.553 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081429.D

Acq: 15 Mar 2024 16:53

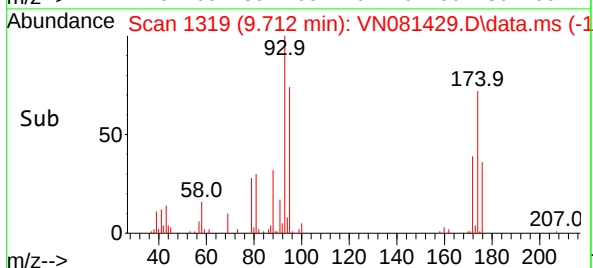
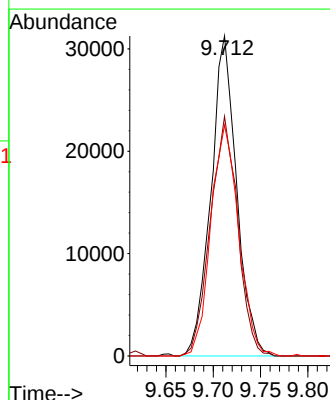
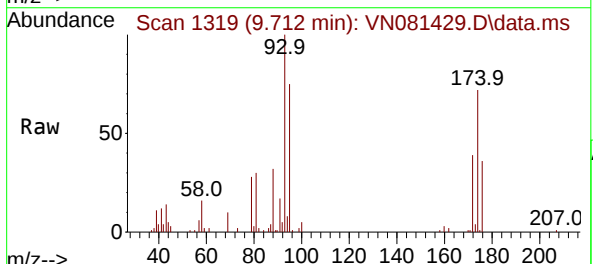
Tgt Ion: 93 Resp: 59167

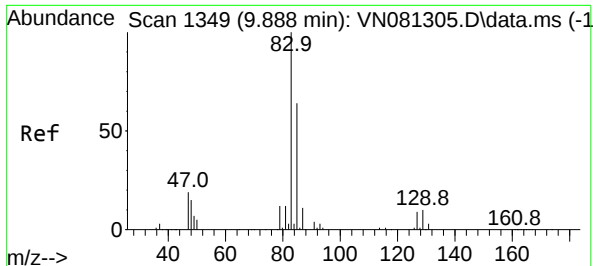
Ion Ratio Lower Upper

93 100

95 79.1 68.1 102.1

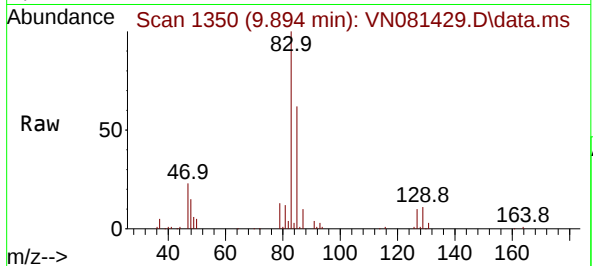
174 77.8 57.2 85.8





#47
Bromodichloromethane
Concen: 21.864 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

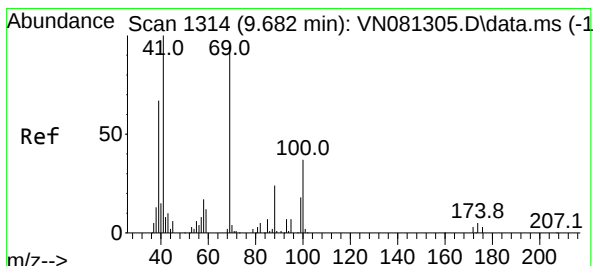
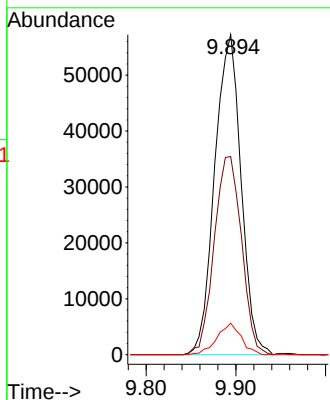
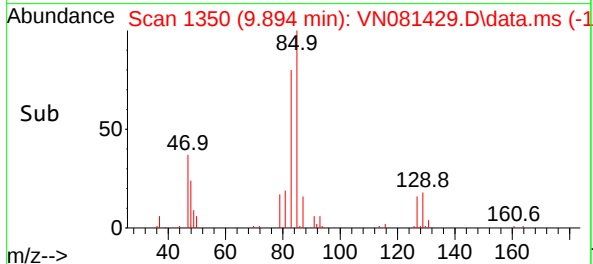
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01



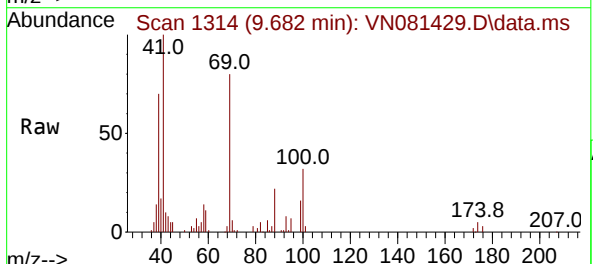
Tgt Ion: 83 Resp: 116518
Ion Ratio Lower Upper
83 100
85 61.9 52.3 78.5
127 9.9 4.6 7.0

Manual Integrations
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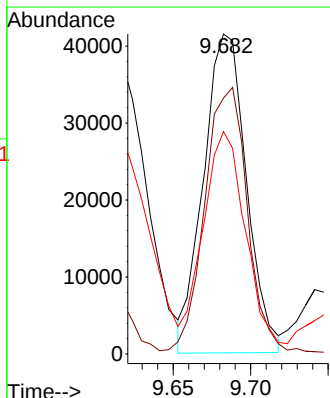
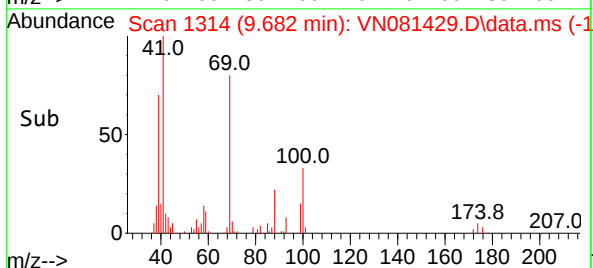
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

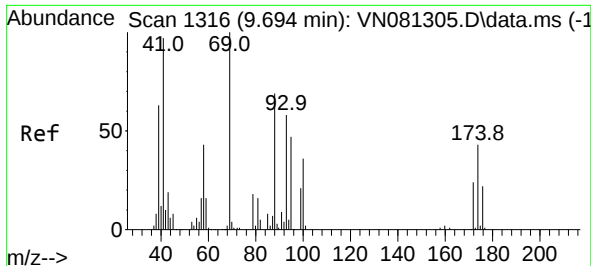


#48
Methyl methacrylate
Concen: 20.304 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53



Tgt Ion: 41 Resp: 79756
Ion Ratio Lower Upper
41 100
69 82.5 62.2 93.2
39 70.4 47.6 71.4





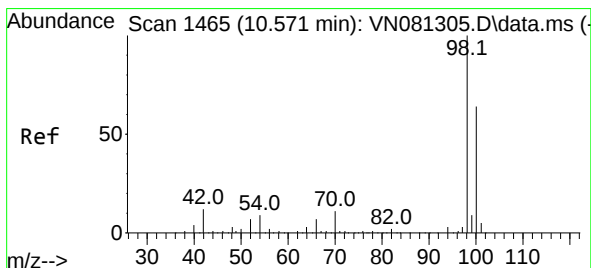
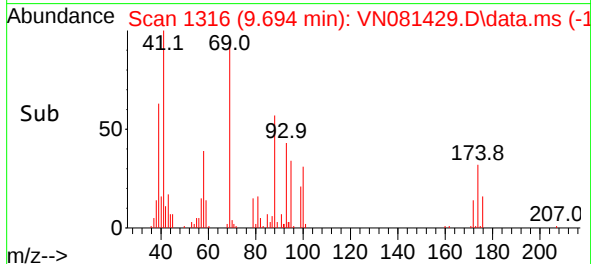
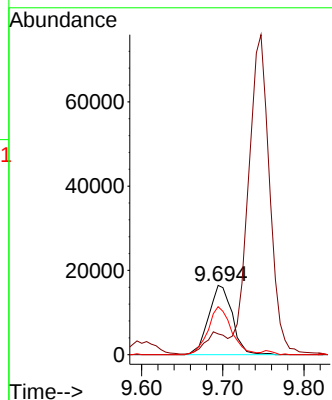
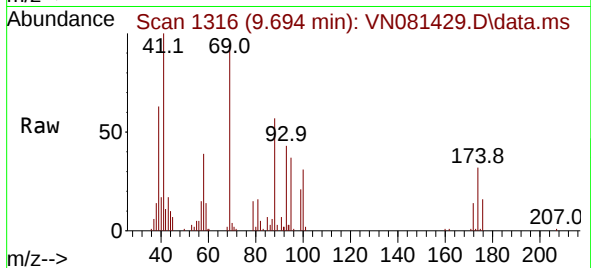
#49
1,4-Dioxane
Concen: 384.819 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

Tgt Ion: 88 Resp: 33318
Ion Ratio Lower Upper
88 100
43 29.2 30.1 45.1
58 68.6 63.9 95.9

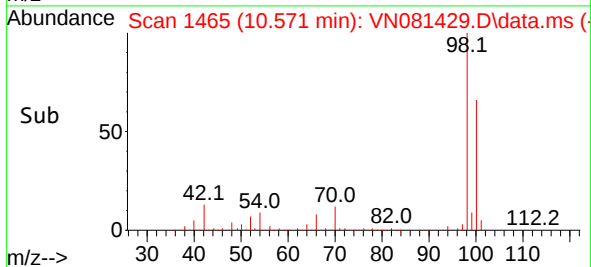
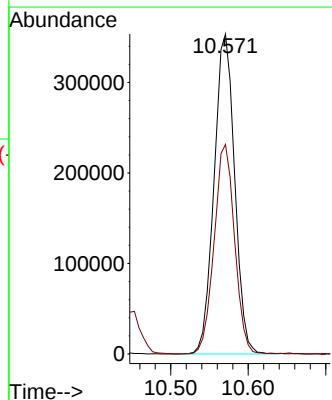
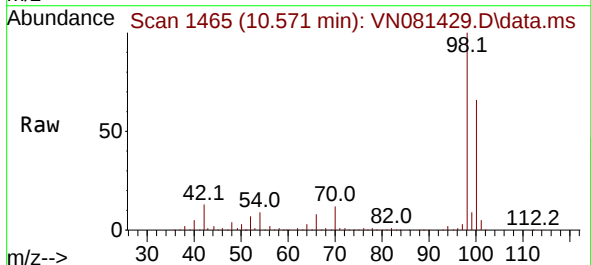
Manual Integrations
APPROVED

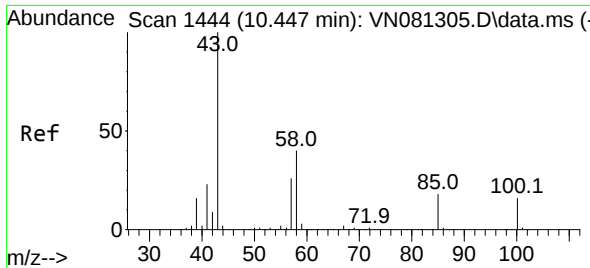
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#50
Toluene-d8
Concen: 54.178 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

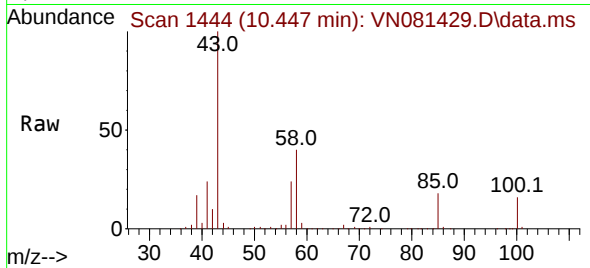
Tgt Ion: 98 Resp: 652048
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 104.270 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

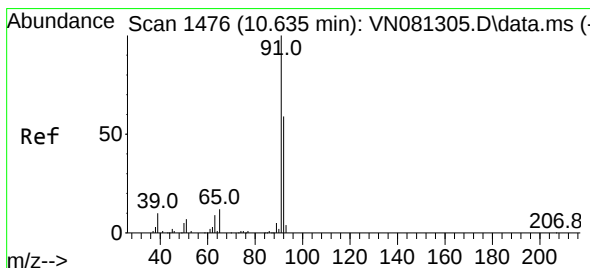
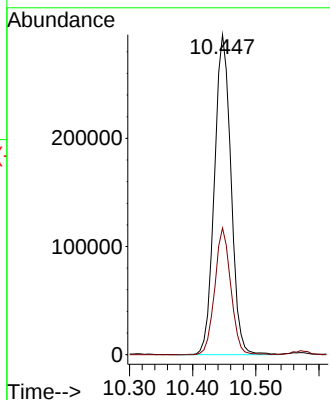
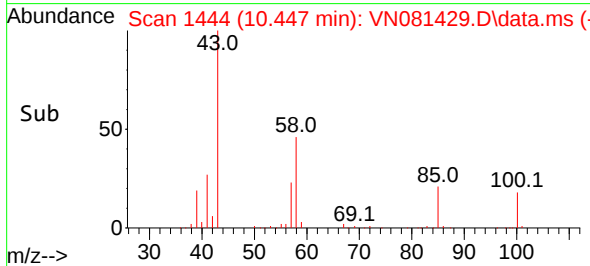
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01



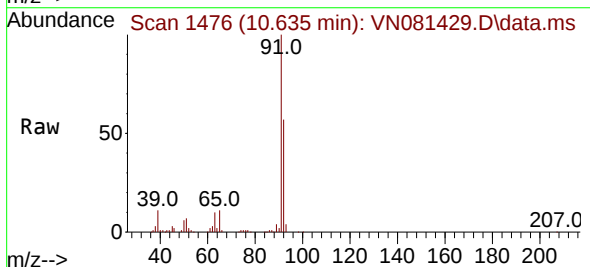
Tgt Ion: 43 Resp: 53804
Ion Ratio Lower Upper
43 100
58 38.3 29.4 44.0

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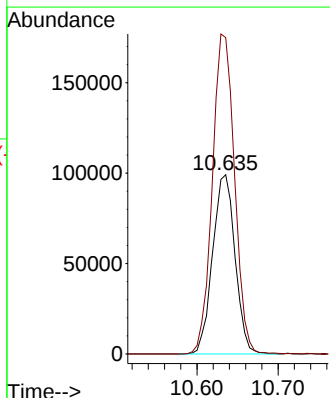
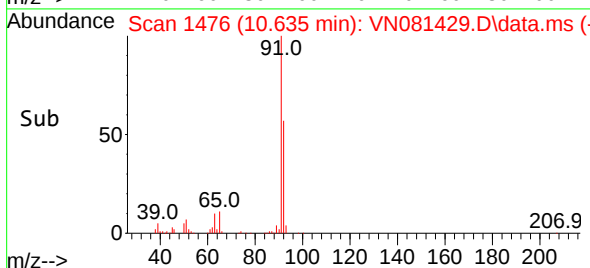
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

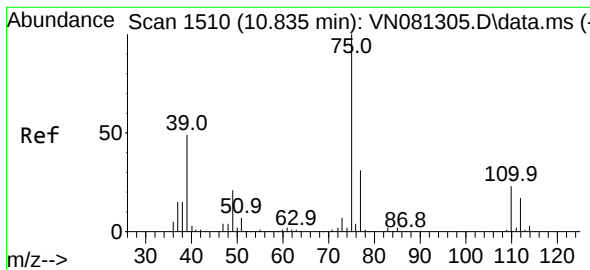


#52
Toluene
Concen: 20.322 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53



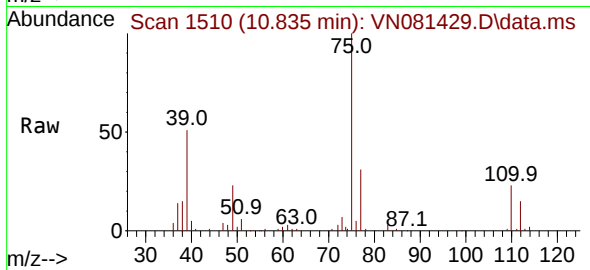
Tgt Ion: 92 Resp: 190321
Ion Ratio Lower Upper
92 100
91 177.0 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 20.277 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

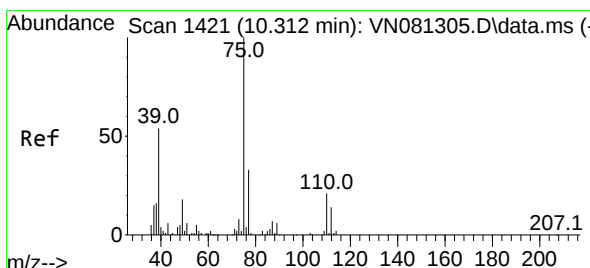
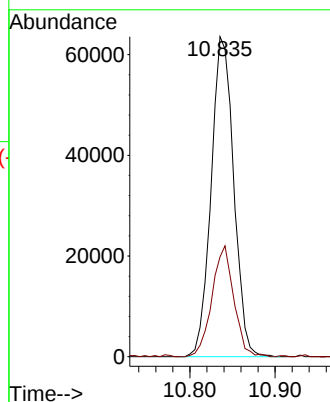
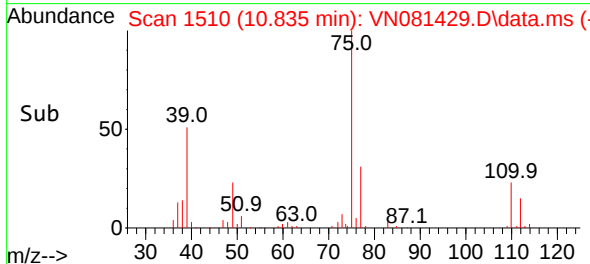
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01



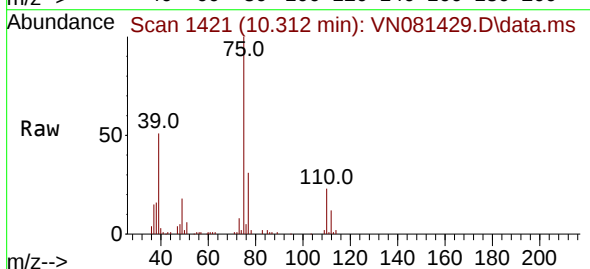
Tgt Ion: 75 Resp: 11692
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3

Manual Integrations
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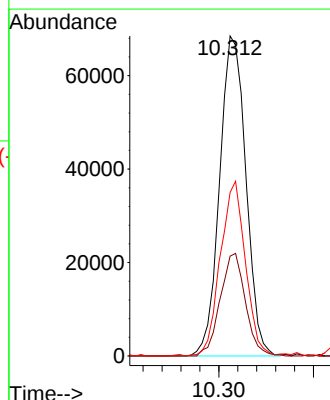
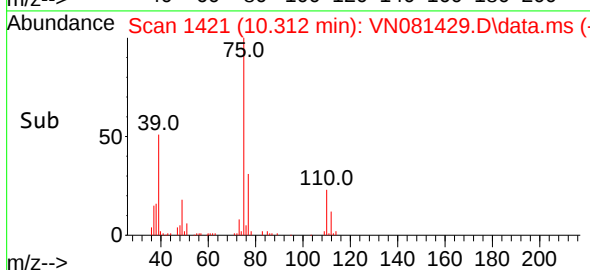
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

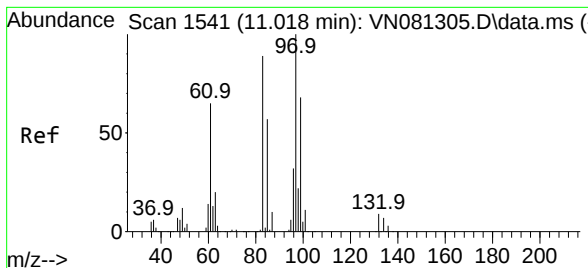


#54
cis-1,3-Dichloropropene
Concen: 21.209 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53



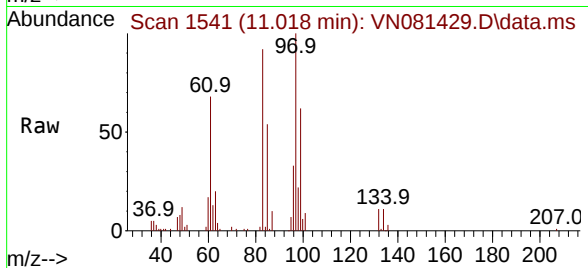
Tgt Ion: 75 Resp: 132017
Ion Ratio Lower Upper
75 100
77 31.2 23.3 34.9
39 50.7 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 21.191 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

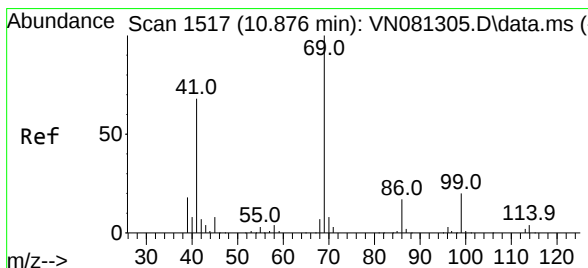
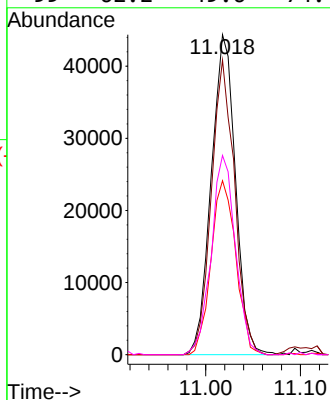
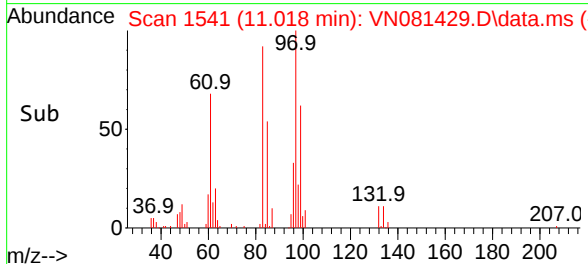
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01



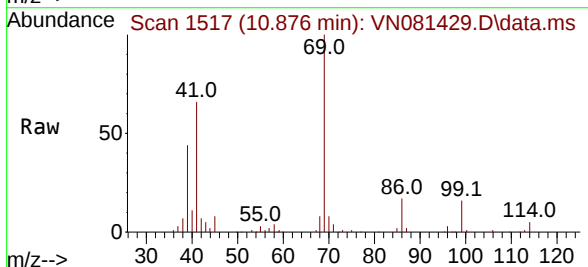
Tgt Ion: 97 Resp: 78702
Ion Ratio Lower Upper
97 100
83 92.1 72.9 109.3
85 54.3 50.2 75.2
99 62.2 49.6 74.4

Manual Integrations
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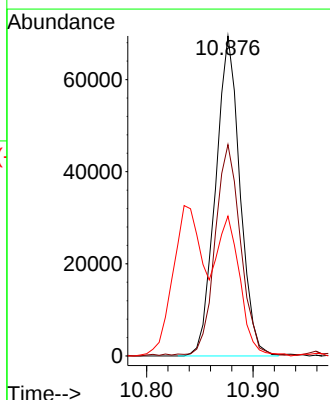
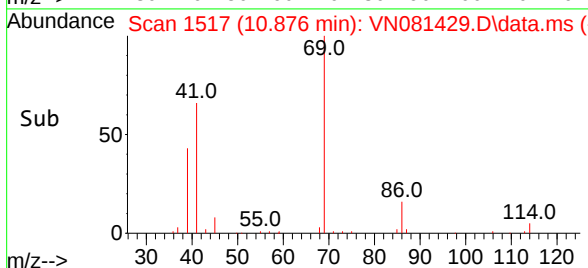
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

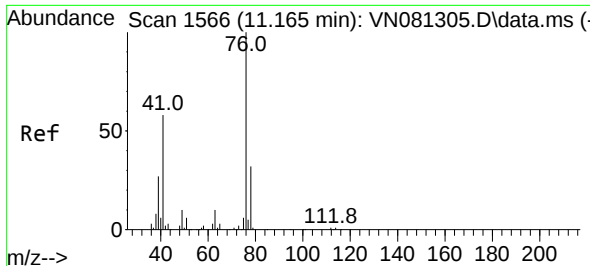


#56
Ethyl methacrylate
Concen: 20.710 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53



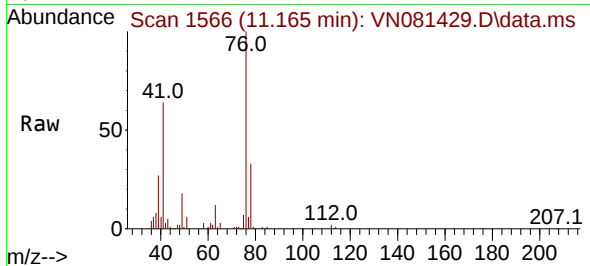
Tgt Ion: 69 Resp: 110444
Ion Ratio Lower Upper
69 100
41 69.0 61.0 91.6
39 42.1 31.8 47.6





#57
1,3-Dichloropropane
Concen: 20.565 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

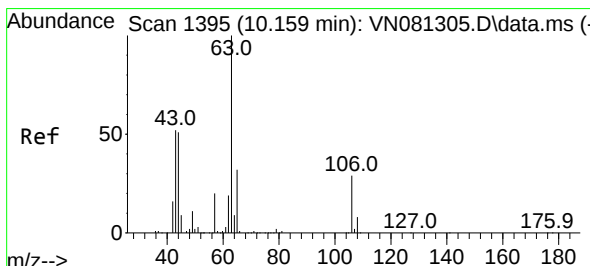
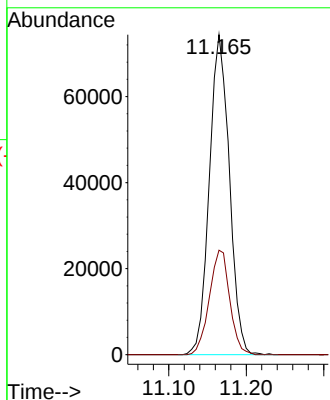
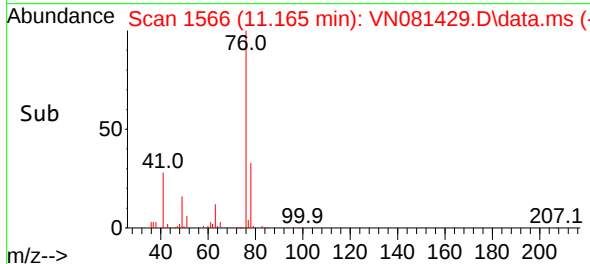
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01



Tgt Ion: 76 Resp: 133298
Ion Ratio Lower Upper
76 100
78 33.2 25.5 38.3

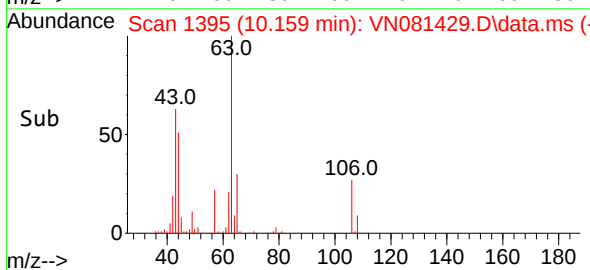
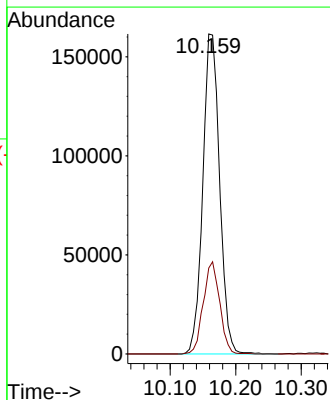
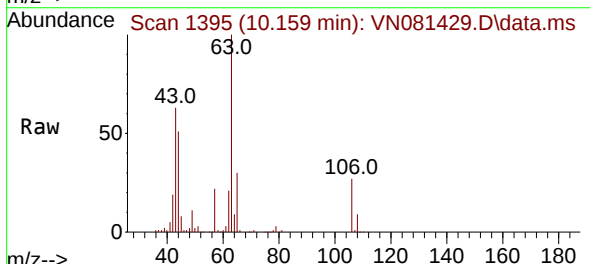
Manual Integrations
APPROVED

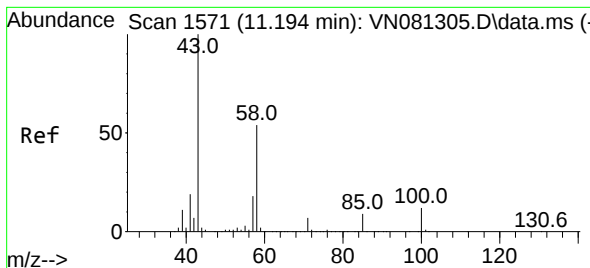
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#58
2-Chloroethyl Vinyl ether
Concen: 100.620 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

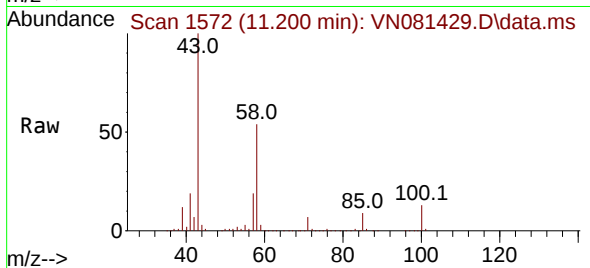
Tgt Ion: 63 Resp: 288640
Ion Ratio Lower Upper
63 100
106 28.1 18.6 28.0#





#59
2-Hexanone
Concen: 102.181 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

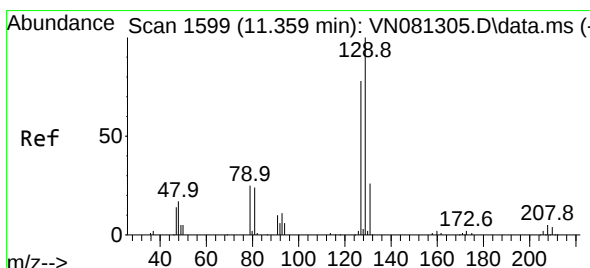
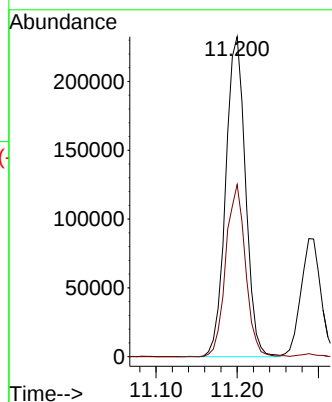
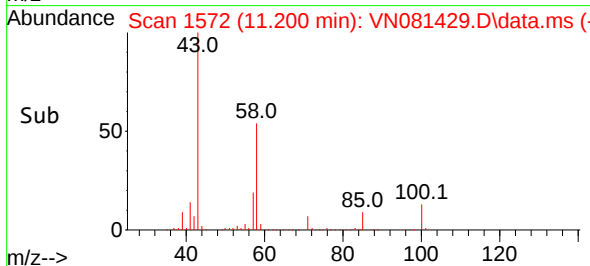
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01



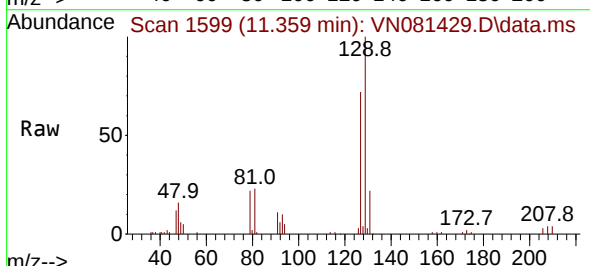
Tgt Ion: 43 Resp: 394170
Ion Ratio Lower Upper
43 100
58 53.5 25.9 77.8

Manual Integrations
APPROVED

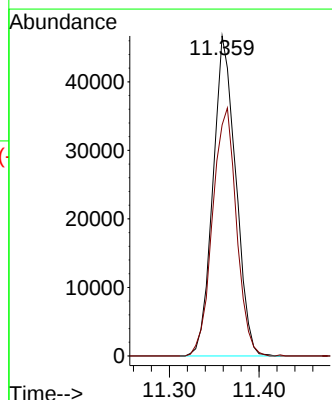
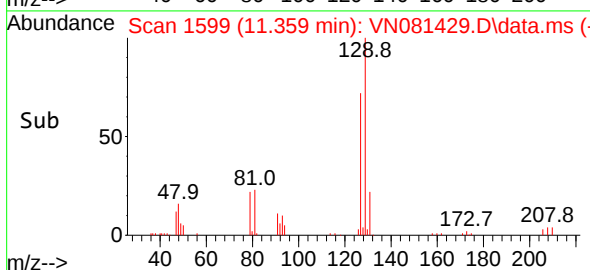
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

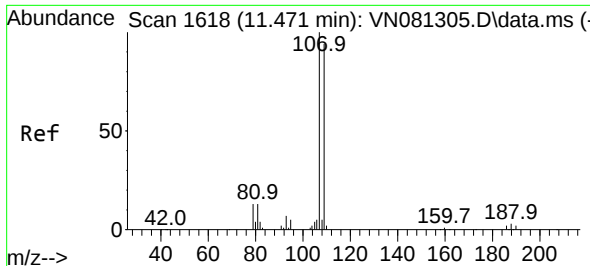


#60
Dibromochloromethane
Concen: 21.526 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53



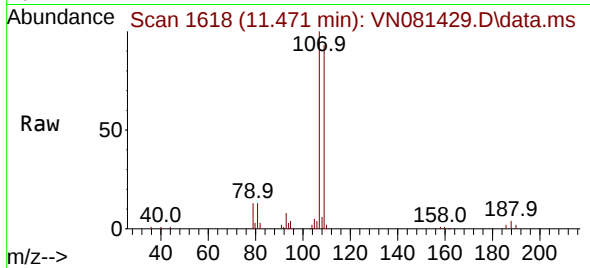
Tgt Ion:129 Resp: 82333
Ion Ratio Lower Upper
129 100
127 81.1 39.4 118.2





#61
1,2-Dibromoethane
Concen: 20.599 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

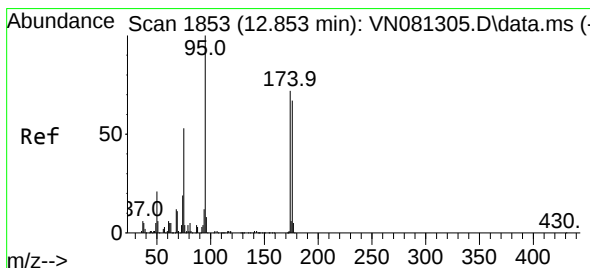
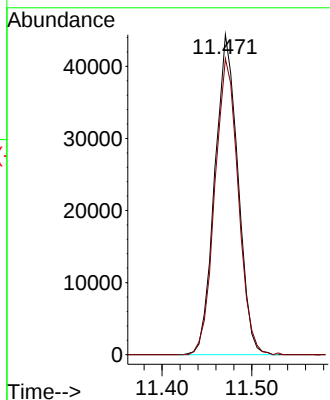
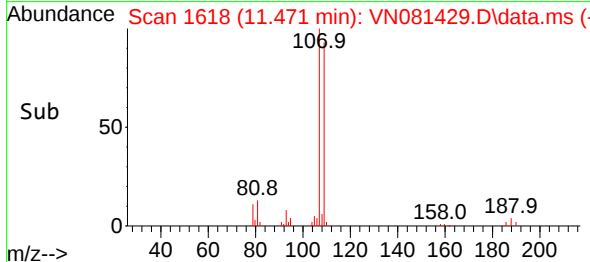
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01



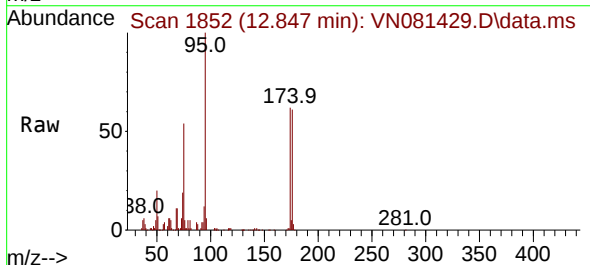
Tgt Ion:107 Resp: 79378
Ion Ratio Lower Upper
107 100
109 93.9 73.4 110.2

Manual Integrations
APPROVED

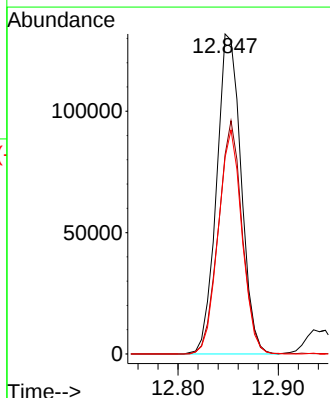
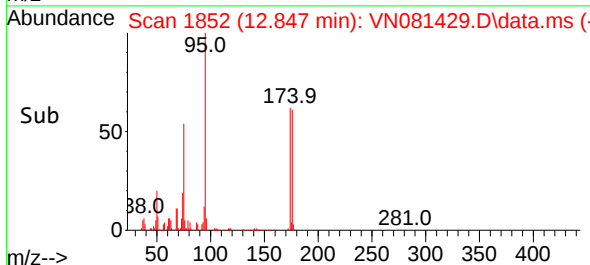
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

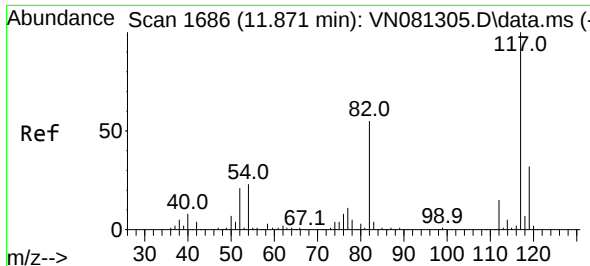


#62
4-Bromofluorobenzene
Concen: 52.537 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53



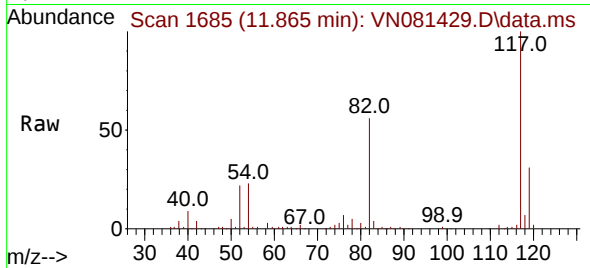
Tgt Ion: 95 Resp: 223478
Ion Ratio Lower Upper
95 100
174 70.5 0.0 120.4
176 67.8 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

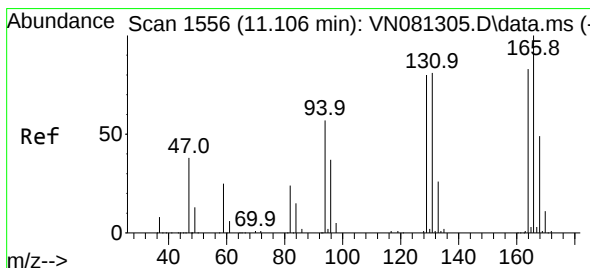
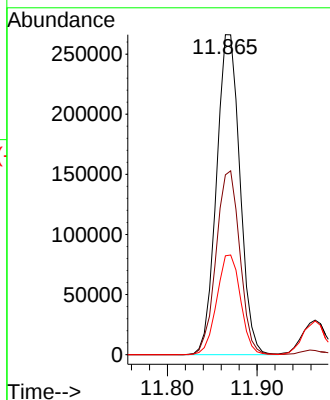
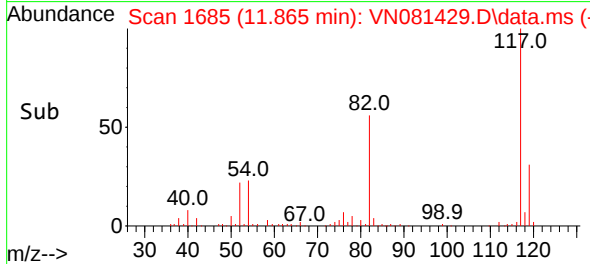
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01



Tgt Ion:117 Resp: 48285
Ion Ratio Lower Upper
117 100
82 56.2 52.7 79.1
119 30.9 25.3 37.9

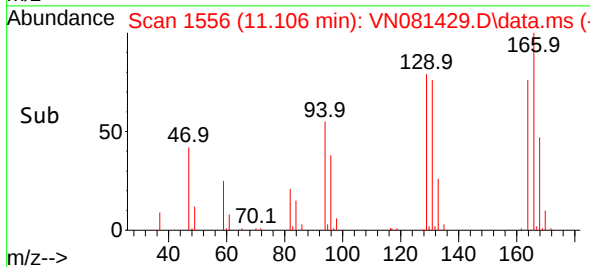
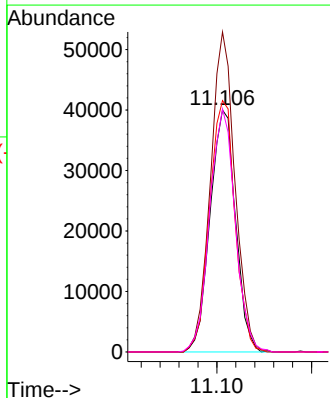
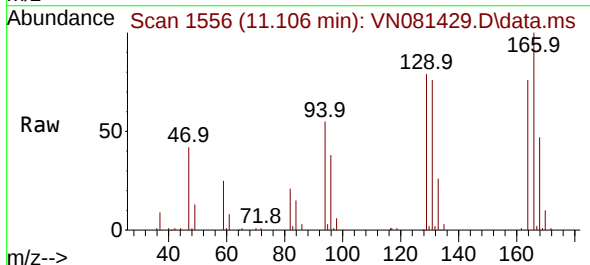
Manual Integrations
APPROVED

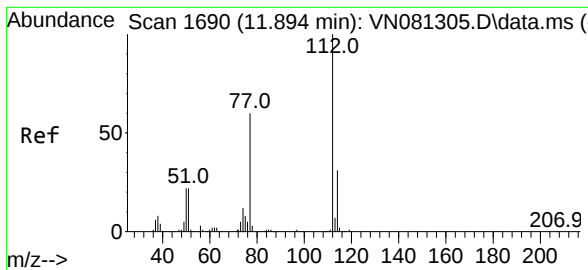
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#64
Tetrachloroethene
Concen: 19.694 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

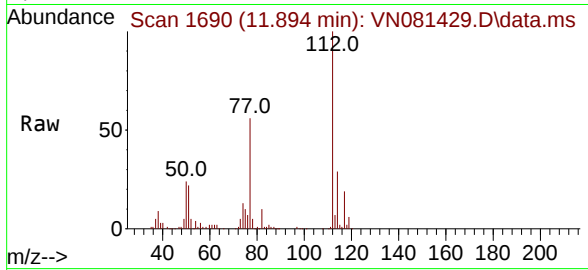
Tgt Ion:164 Resp: 74457
Ion Ratio Lower Upper
164 100
166 132.3 105.8 158.6
129 103.9 89.6 134.4
131 100.5 84.9 127.3





#65
Chlorobenzene
Concen: 19.831 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

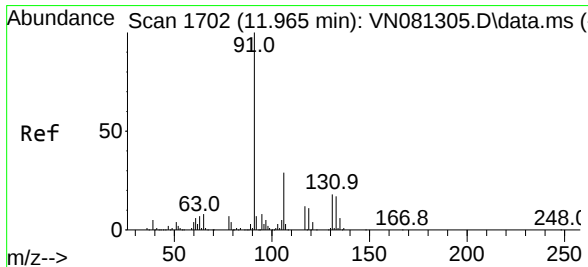
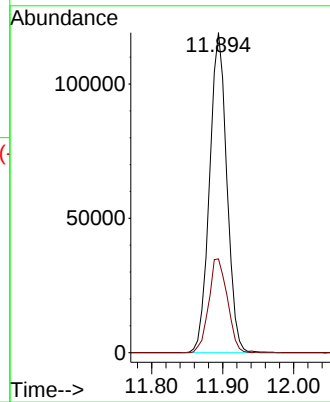
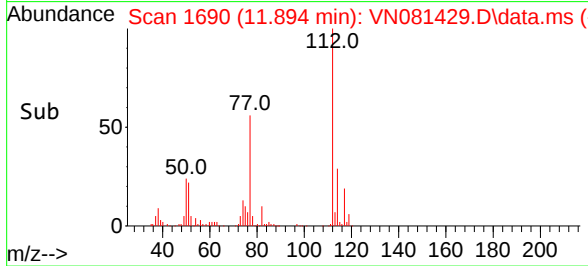
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01



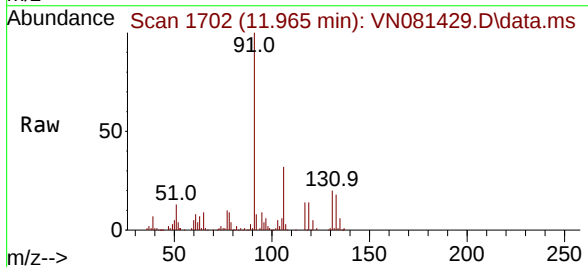
Tgt Ion:112 Resp: 20178
Ion Ratio Lower Upper
112 100
114 29.3 23.7 35.5

Manual Integrations
APPROVED

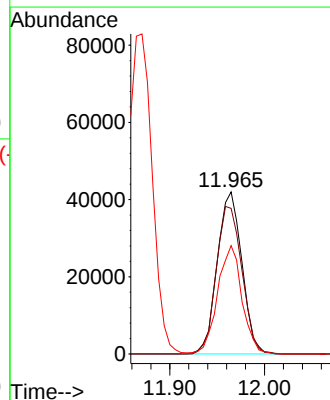
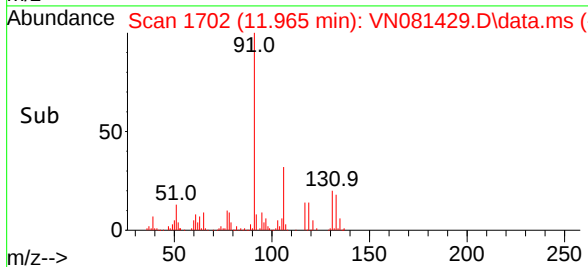
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

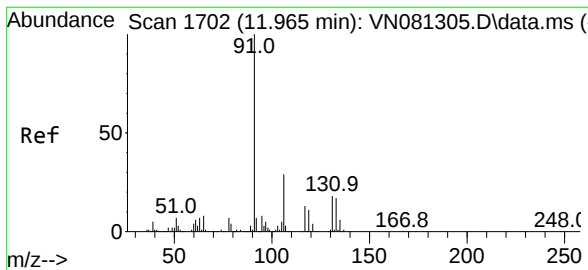


#66
1,1,1,2-Tetrachloroethane
Concen: 20.340 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53



Tgt Ion:131 Resp: 75734
Ion Ratio Lower Upper
131 100
133 95.1 46.8 140.3
119 66.2 34.6 103.9





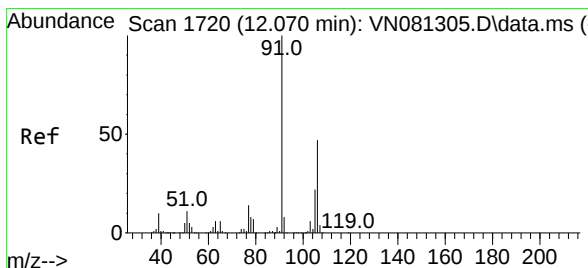
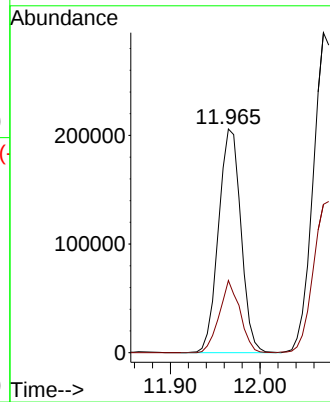
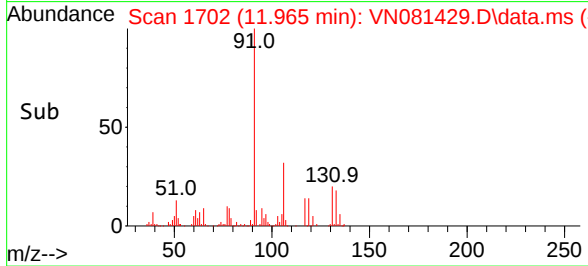
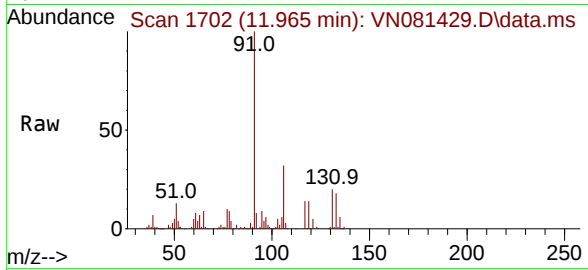
#67
Ethyl Benzene
Concen: 19.512 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

Tgt Ion: 91 Resp: 35762
Ion Ratio Lower Upper
91 100
106 32.3 23.8 35.6

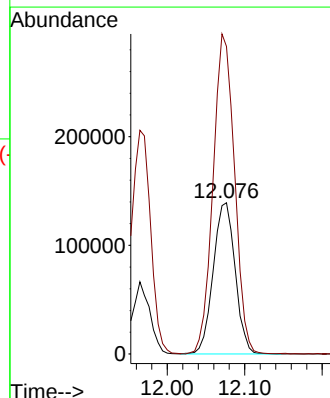
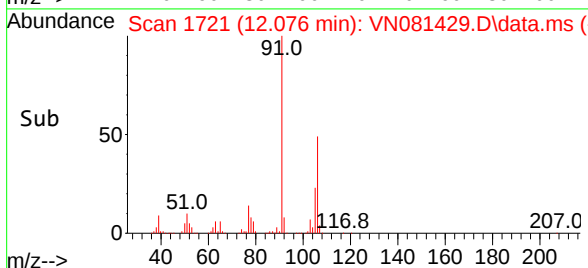
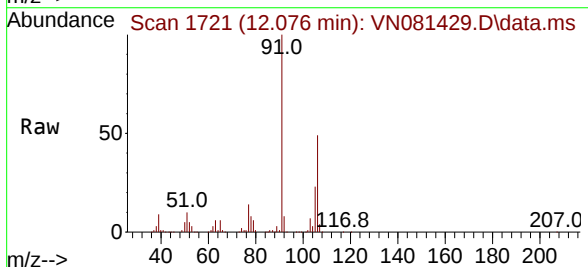
Manual Integrations
APPROVED

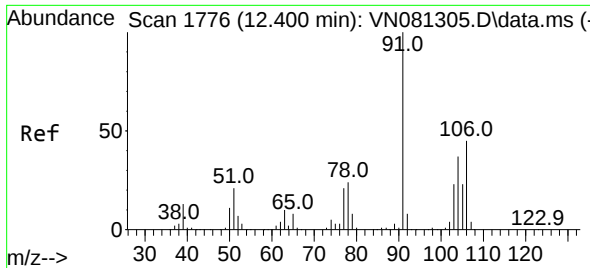
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#68
m/p-Xylenes
Concen: 39.712 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

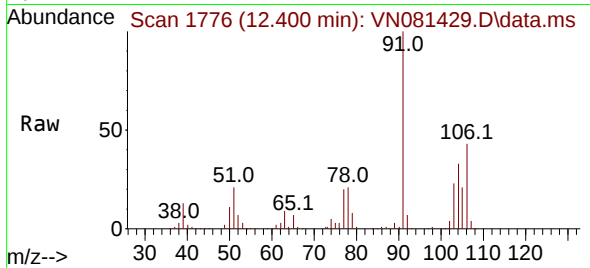
Tgt Ion:106 Resp: 273927
Ion Ratio Lower Upper
106 100
91 208.0 169.0 253.6





#69
o-Xylene
Concen: 19.390 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

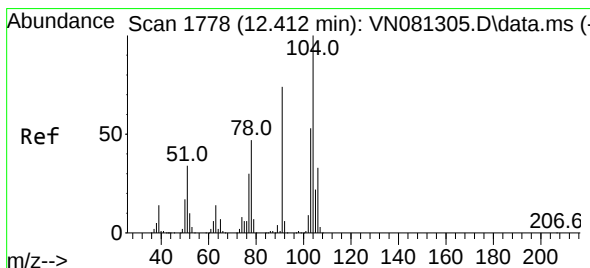
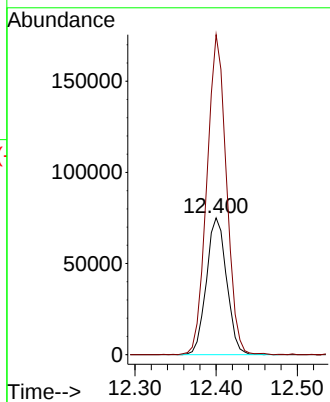
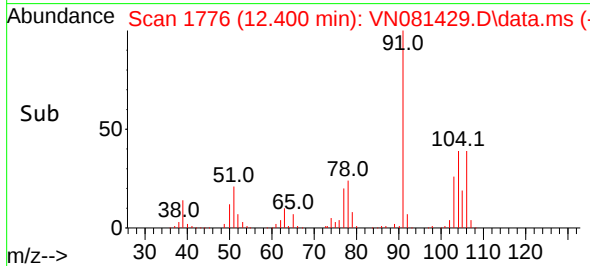
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01



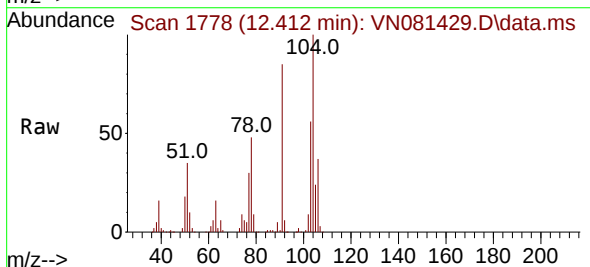
Tgt Ion:106 Resp: 12962
Ion Ratio Lower Upper
106 100
91 226.9 112.1 336.3

Manual Integrations
APPROVED

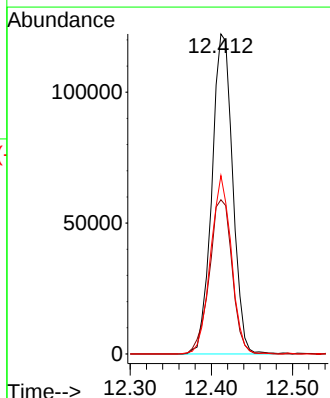
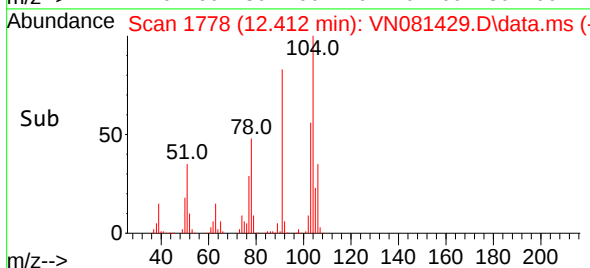
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

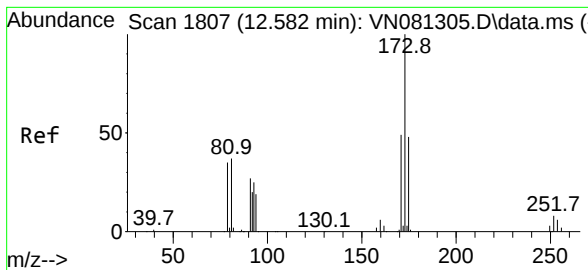


#70
Styrene
Concen: 20.562 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53



Tgt Ion:104 Resp: 217839
Ion Ratio Lower Upper
104 100
78 52.4 43.8 65.8
103 55.4 44.2 66.2





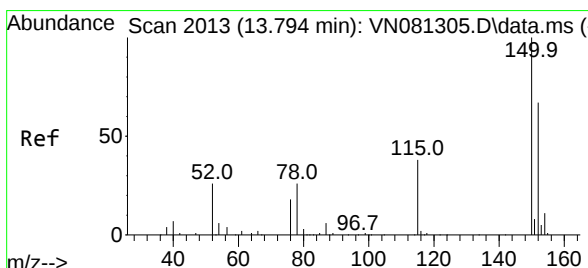
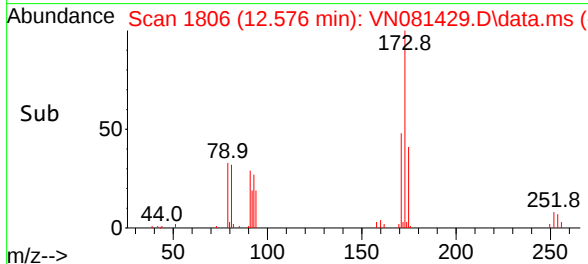
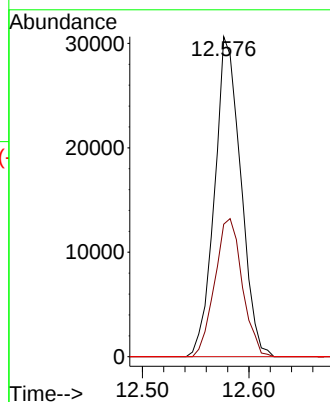
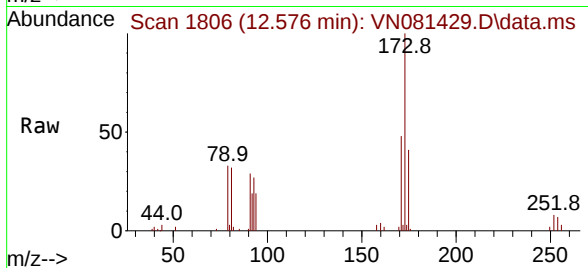
#71
Bromoform
Concen: 20.212 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

Tgt Ion:173 Resp: 52240
Ion Ratio Lower Upper
173 100
175 45.3 23.1 69.2
254 0.0 0.0 0.0

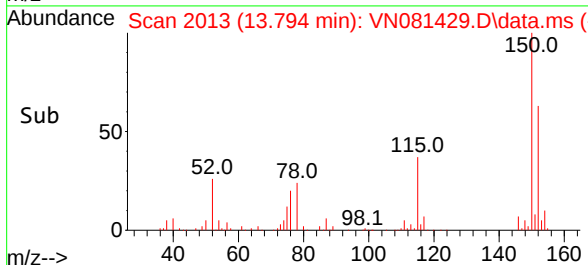
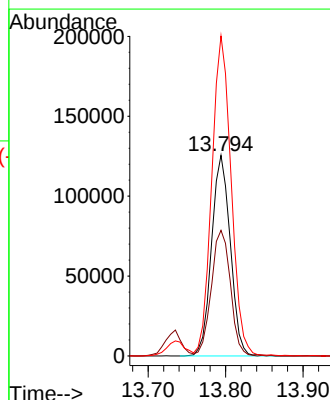
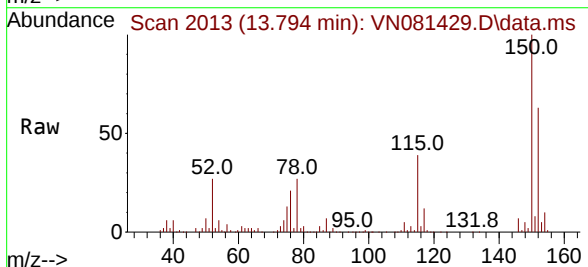
Manual Integrations
APPROVED

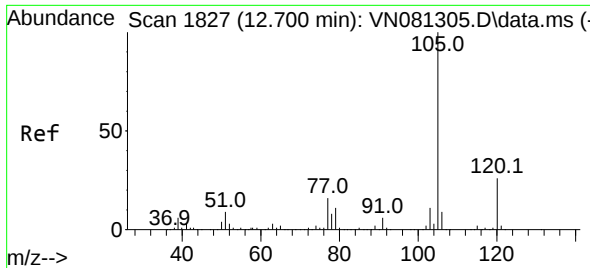
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

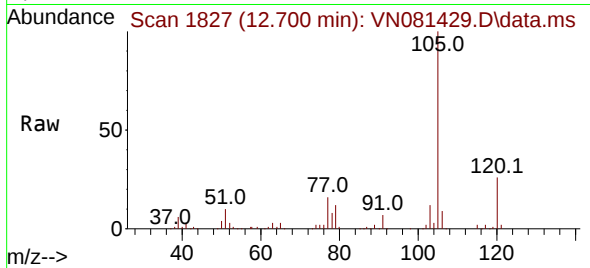
Tgt Ion:152 Resp: 211056
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 165.0 0.0 339.8





#73
Isopropylbenzene
Concen: 20.366 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

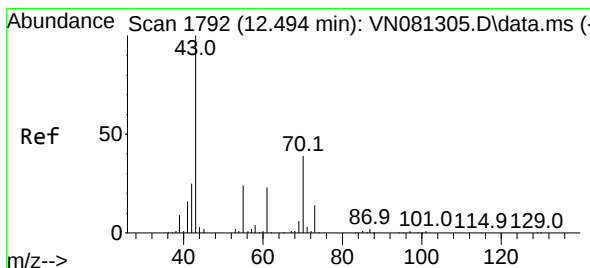
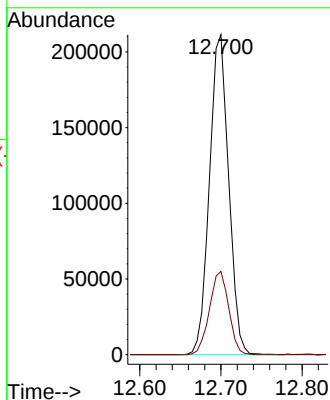
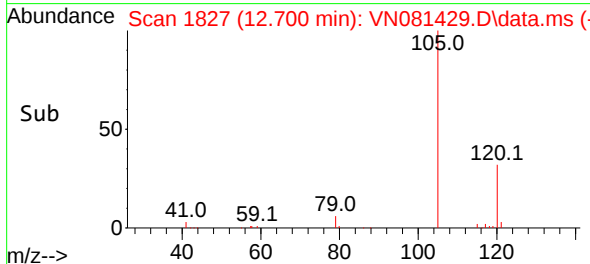
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01



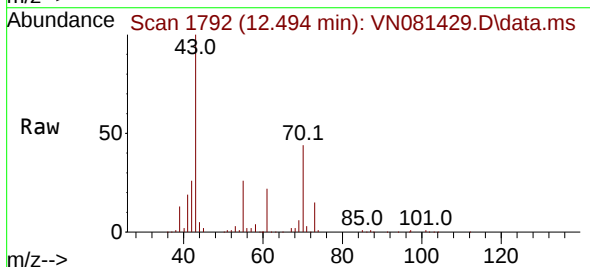
Tgt Ion:105 Resp: 347100
Ion Ratio Lower Upper
105 100
120 26.1 12.6 37.6

Manual Integrations
APPROVED

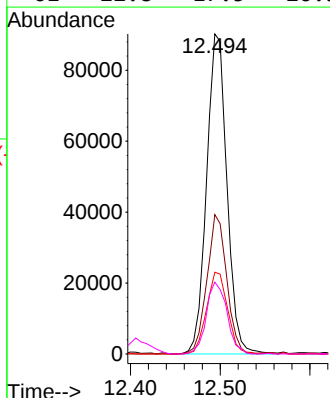
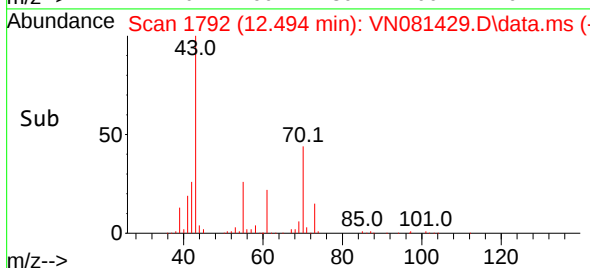
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

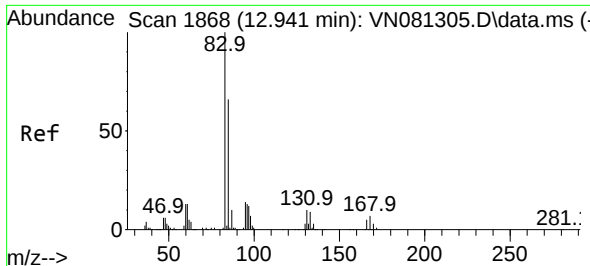


#74
N-ethyl acetate
Concen: 19.866 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53



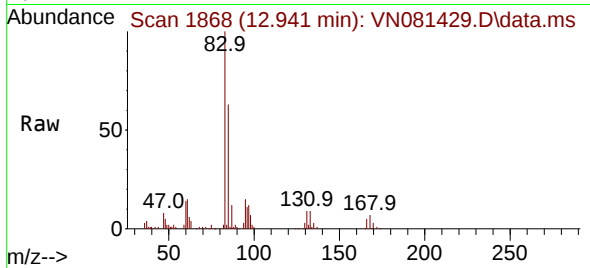
Tgt Ion: 43 Resp: 142062
Ion Ratio Lower Upper
43 100
70 42.5 30.1 45.1
55 26.4 17.0 25.4#
61 22.8 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 20.331 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

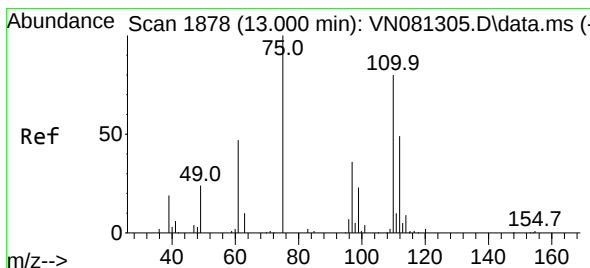
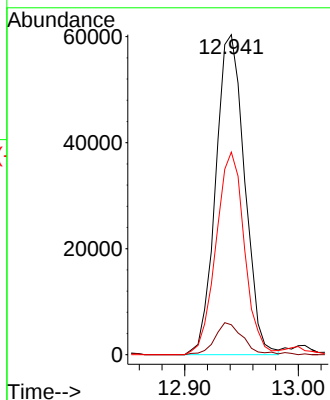
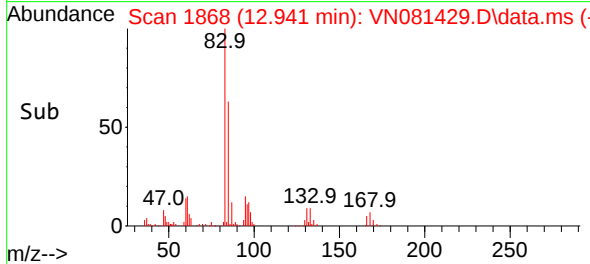
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01



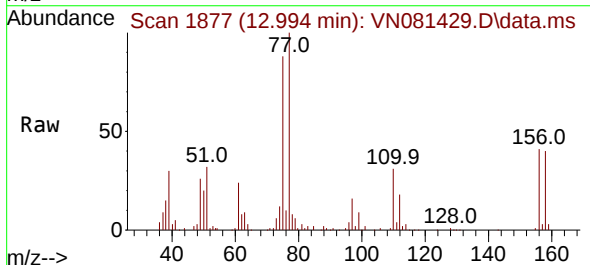
Tgt Ion: 83 Resp: 106932
Ion Ratio Lower Upper
83 100
131 9.9 4.1 12.3
85 62.3 32.1 96.3

Manual Integrations
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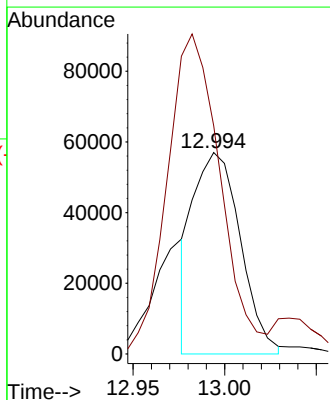
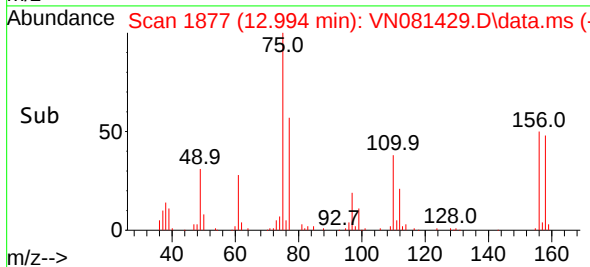
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

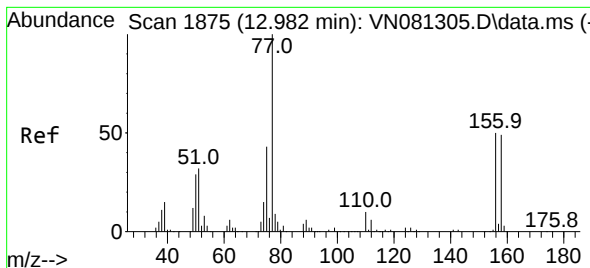


#76
1,2,3-Trichloropropane
Concen: 20.427 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53



Tgt Ion: 75 Resp: 101830
Ion Ratio Lower Upper
75 100
77 179.1 91.0 272.8





#77

Bromobenzene

Concen: 18.500 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081429.D

Acq: 15 Mar 2024 16:53

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBS01

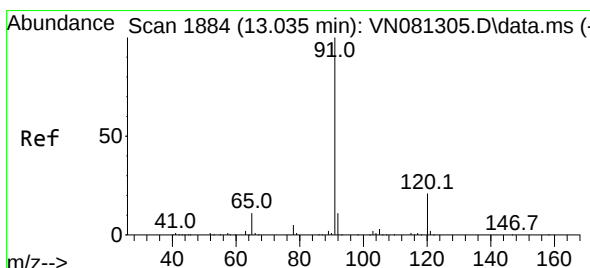
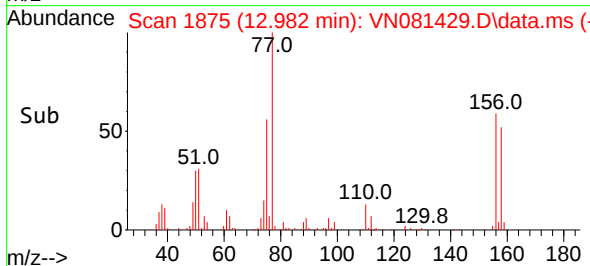
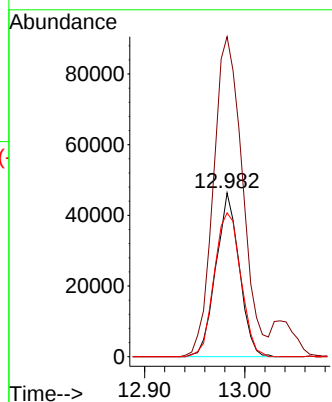
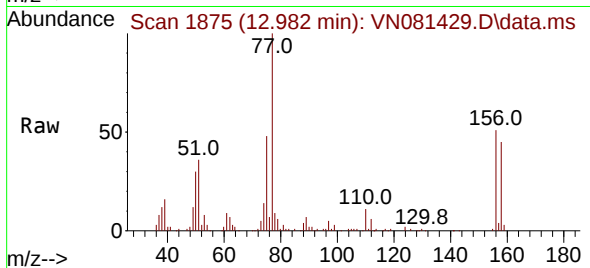
Tgt Ion:156 Resp: 7475
 Ion Ratio Lower Upper
 156 100
 77 244.0 138.1 414.3
 158 99.8 46.5 139.5

Manual Integrations

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Reviewed By :John Carlone 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#78

n-propylbenzene

Concen: 20.454 ug/l

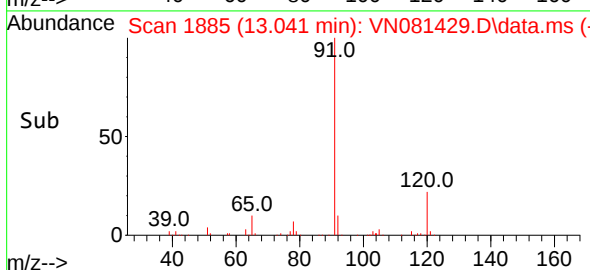
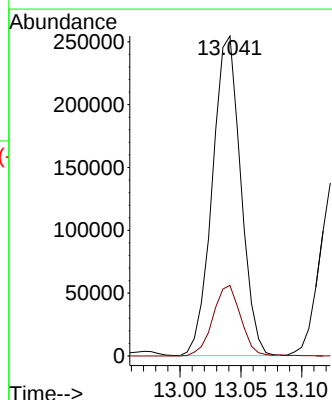
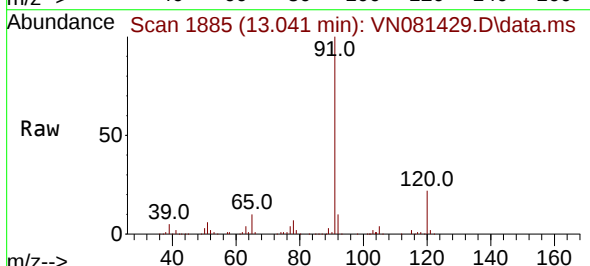
RT: 13.041 min Scan# 1885

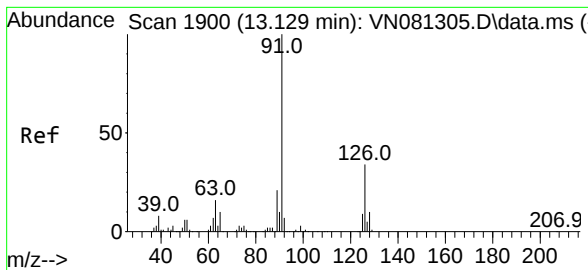
Delta R.T. 0.006 min

Lab File: VN081429.D

Acq: 15 Mar 2024 16:53

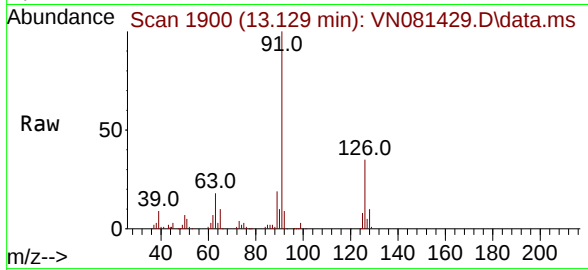
Tgt Ion: 91 Resp: 412311
 Ion Ratio Lower Upper
 91 100
 120 21.7 10.3 30.9





#79
2-Chlorotoluene
Concen: 20.222 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

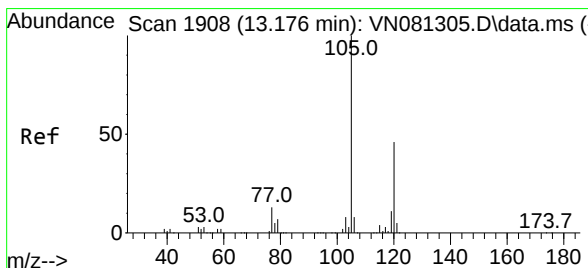
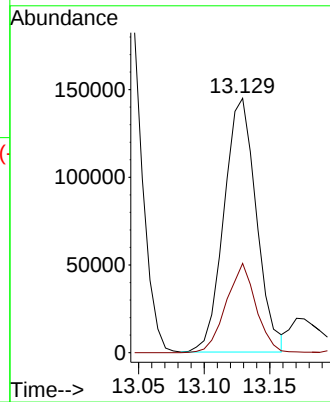
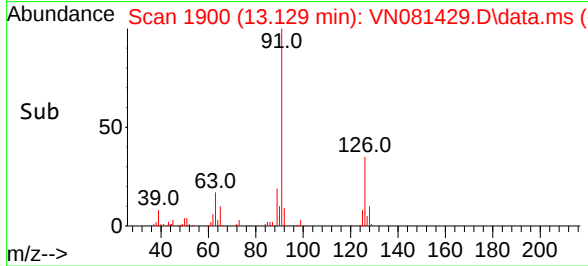
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01



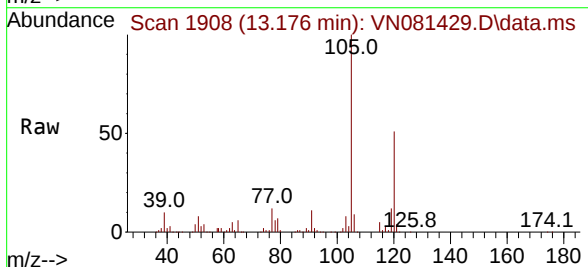
Tgt Ion: 91 Resp: 24916
Ion Ratio Lower Upper
91 100
126 32.4 14.8 44.4

Manual Integrations
APPROVED

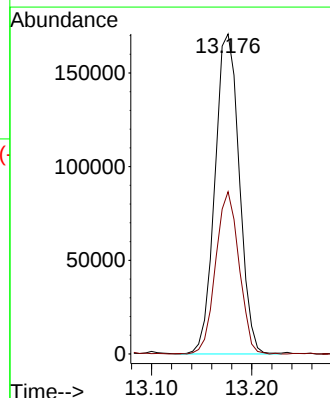
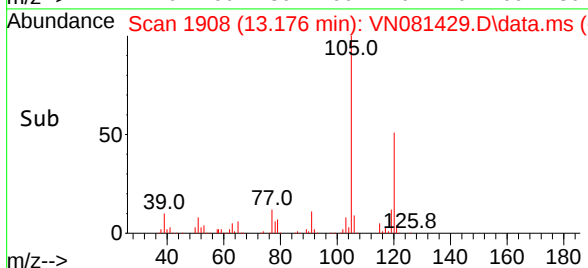
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

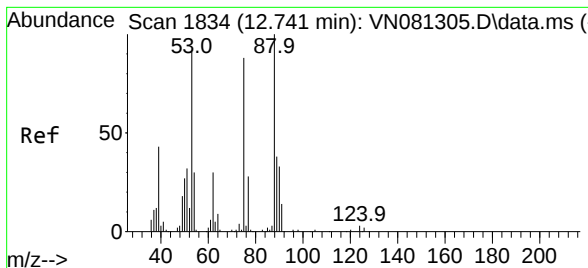


#80
1,3,5-Trimethylbenzene
Concen: 20.418 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53



Tgt Ion:105 Resp: 287648
Ion Ratio Lower Upper
105 100
120 48.7 23.0 69.0





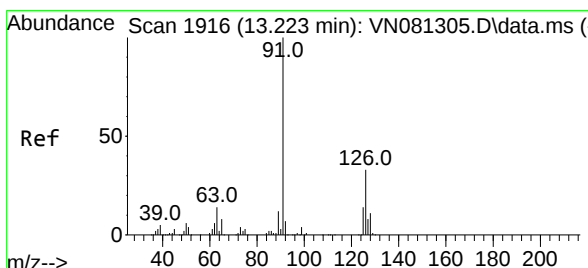
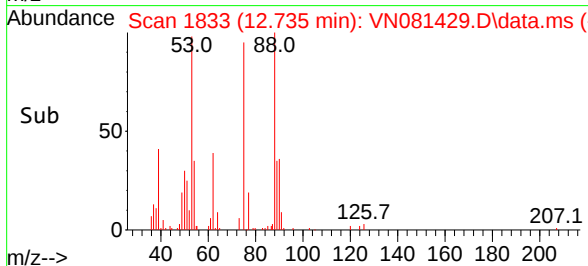
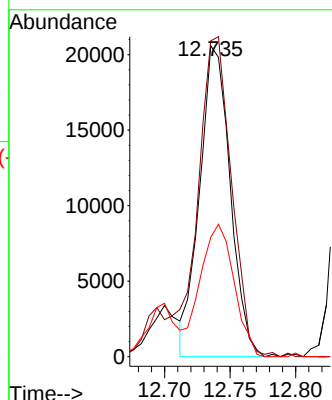
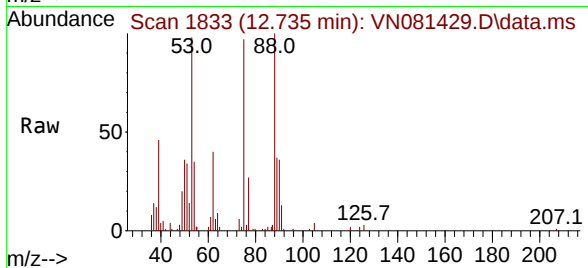
#81
trans-1,4-Dichloro-2-butene
Concen: 18.720 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

Tgt Ion: 75 Resp: 33438
Ion Ratio Lower Upper
75 100
53 112.2 71.4 107.2
89 47.5 33.4 50.0

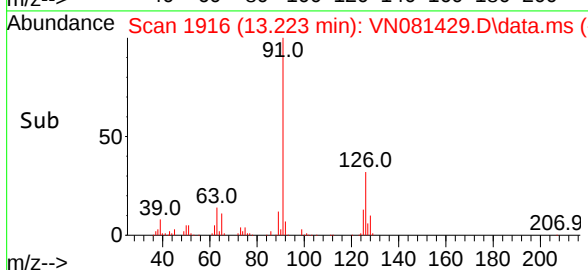
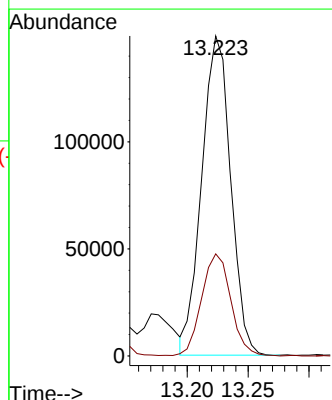
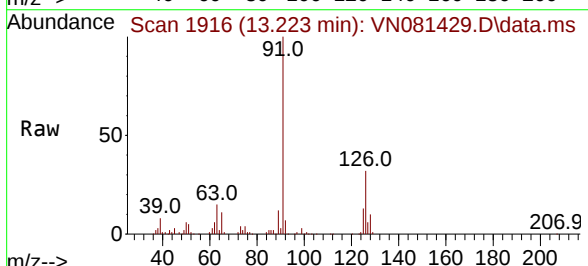
Manual Integrations
APPROVED

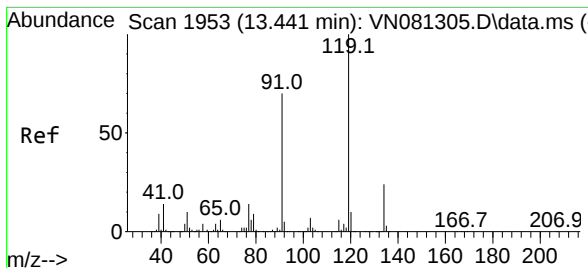
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#82
4-Chlorotoluene
Concen: 20.296 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

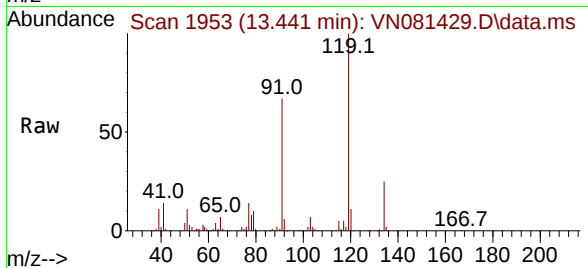
Tgt Ion: 91 Resp: 247003
Ion Ratio Lower Upper
91 100
126 32.3 15.3 45.9





#83
tert-Butylbenzene
Concen: 20.688 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

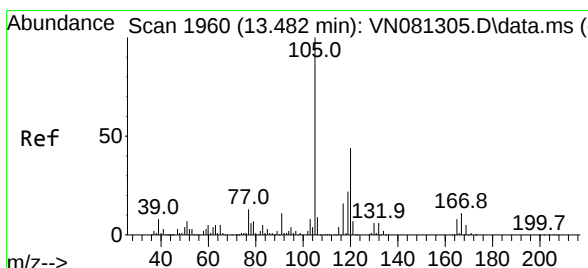
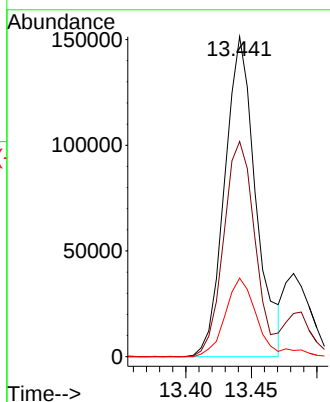
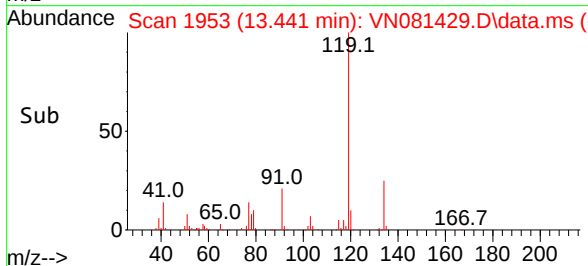
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01



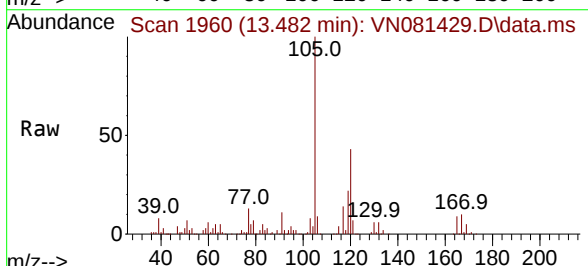
Tgt Ion:119 Resp: 249870
Ion Ratio Lower Upper
119 100
91 68.4 36.8 110.4
134 25.9 12.4 37.4

Manual Integrations
APPROVED

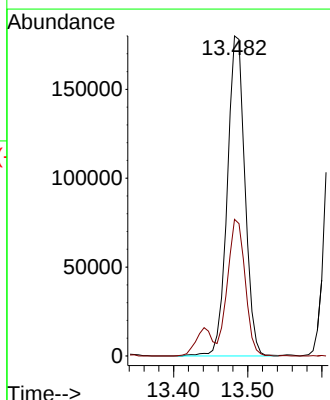
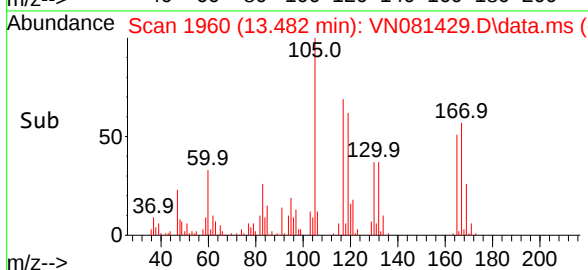
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

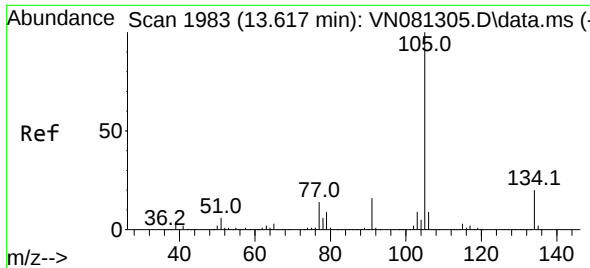


#84
1,2,4-Trimethylbenzene
Concen: 20.812 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53



Tgt Ion:105 Resp: 297056
Ion Ratio Lower Upper
105 100
120 42.4 20.9 62.7





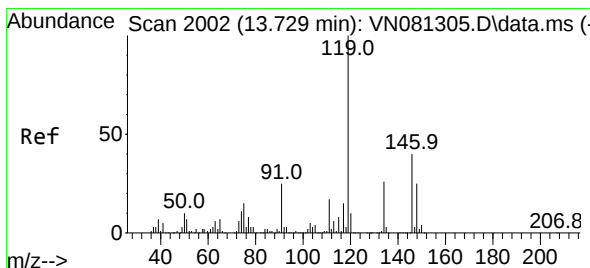
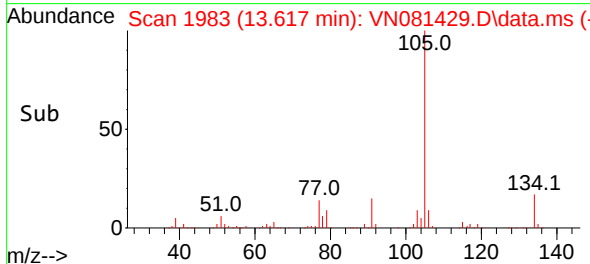
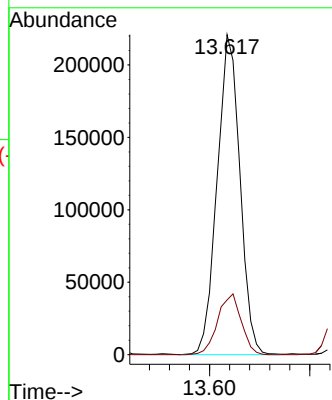
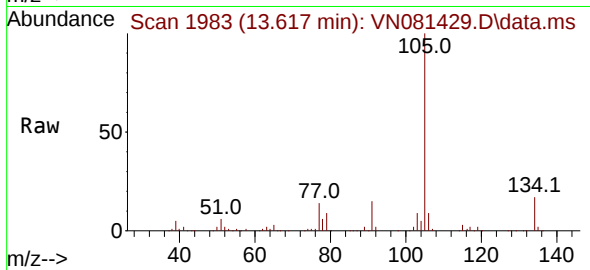
#85
 sec-Butylbenzene
 Concen: 19.947 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081429.D
 Acq: 15 Mar 2024 16:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0315WBS01

Tgt Ion:105 Resp: 34853
 Ion Ratio Lower Upper
 105 100
 134 19.6 8.6 25.8

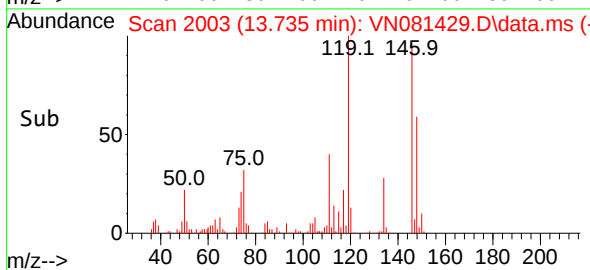
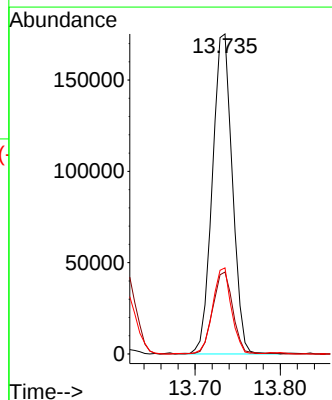
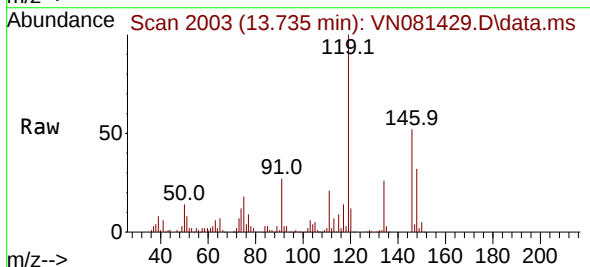
Manual Integrations
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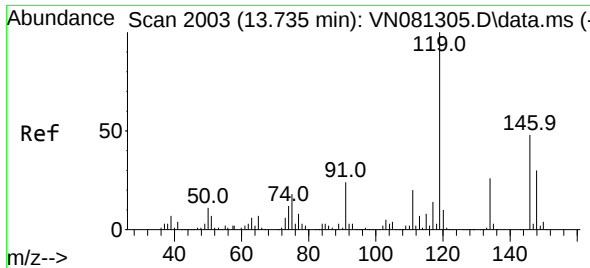
Reviewed By :John Carlone 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024



#86
 p-Isopropyltoluene
 Concen: 20.393 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN081429.D
 Acq: 15 Mar 2024 16:53

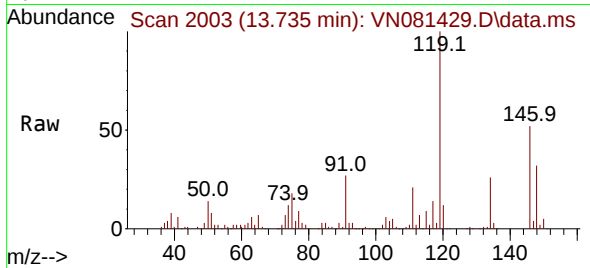
Tgt Ion:119 Resp: 285756
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.4 37.2
 91 25.5 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 19.151 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

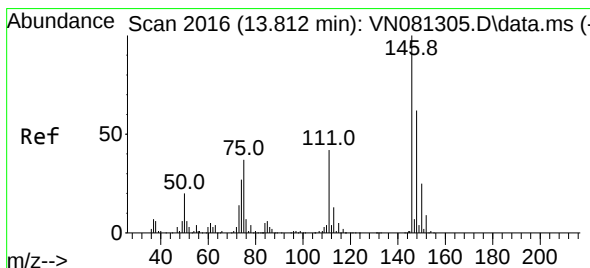
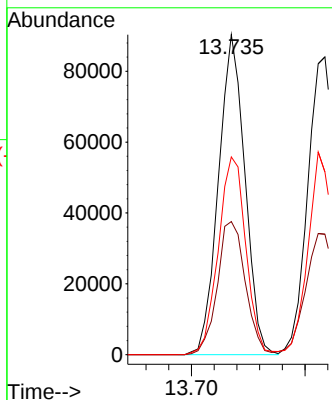
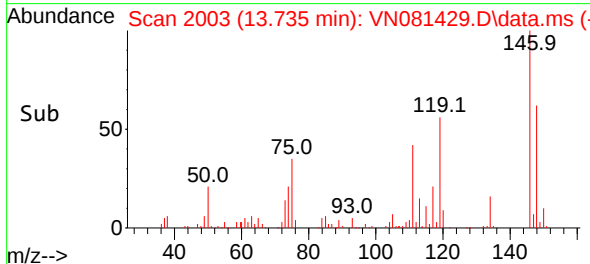
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01



Tgt Ion:146 Resp: 146119
Ion Ratio Lower Upper
146 100
111 44.1 23.9 71.7
148 64.5 32.6 97.7

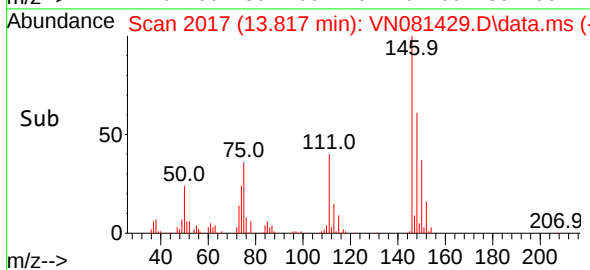
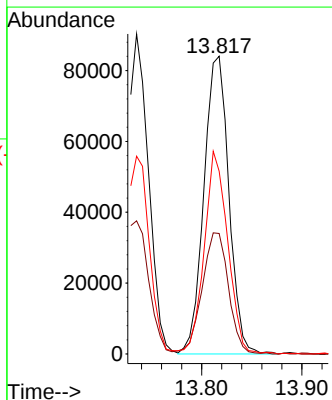
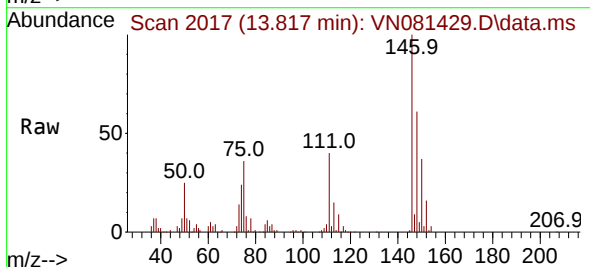
Manual Integrations
APPROVED

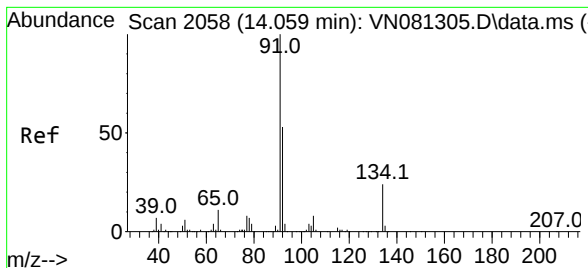
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#88
1,4-Dichlorobenzene
Concen: 19.113 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

Tgt Ion:146 Resp: 145759
Ion Ratio Lower Upper
146 100
111 43.1 22.6 67.7
148 64.0 31.9 95.5





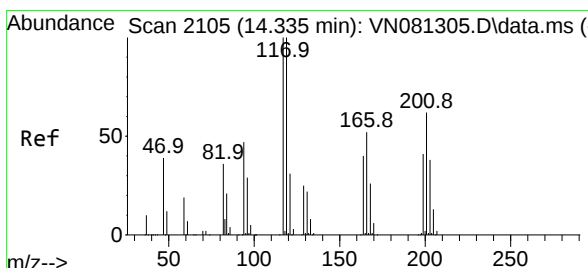
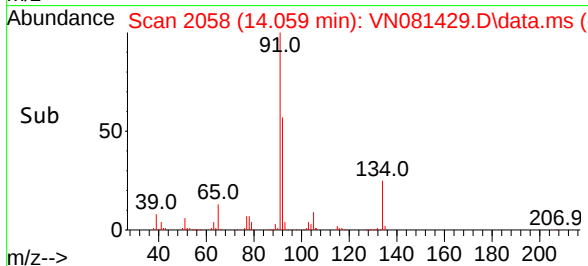
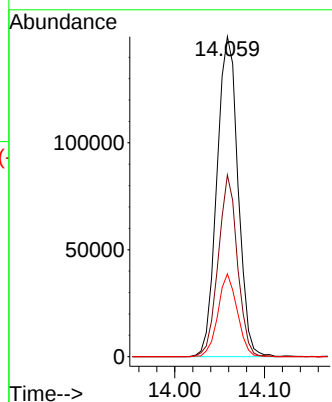
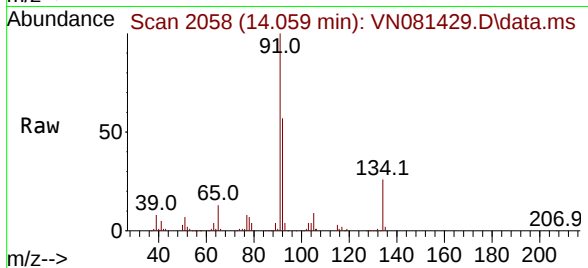
#89
n-Butylbenzene
Concen: 19.037 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

Tgt Ion: 91 Resp: 24463
Ion Ratio Lower Upper
91 100
92 51.5 26.7 80.1
134 23.7 10.8 32.4

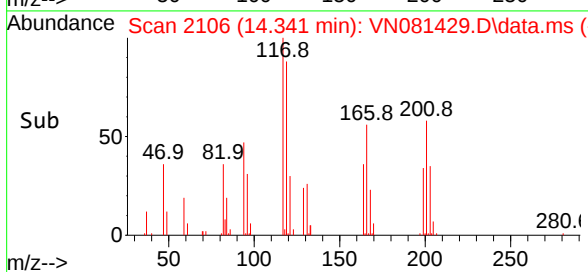
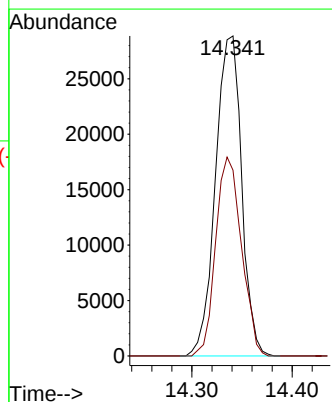
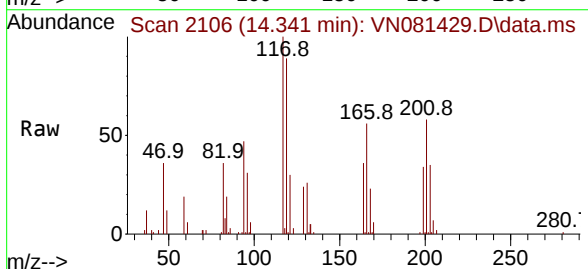
Manual Integrations
APPROVED

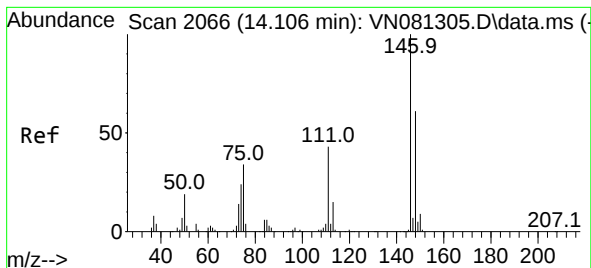
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#90
Hexachloroethane
Concen: 21.272 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

Tgt Ion:117 Resp: 52187
Ion Ratio Lower Upper
117 100
201 61.3 30.0 90.0





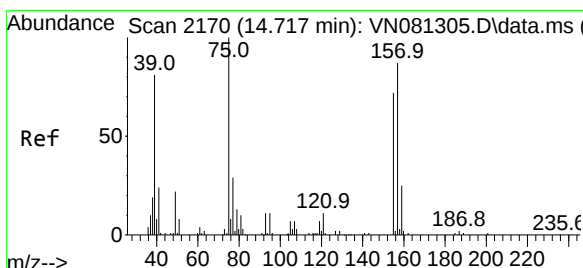
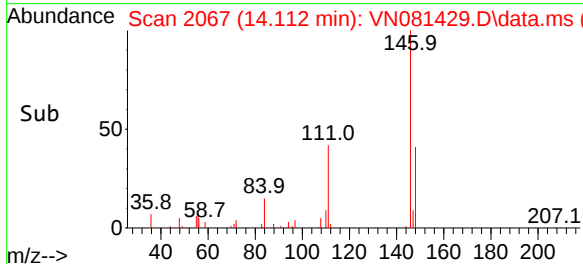
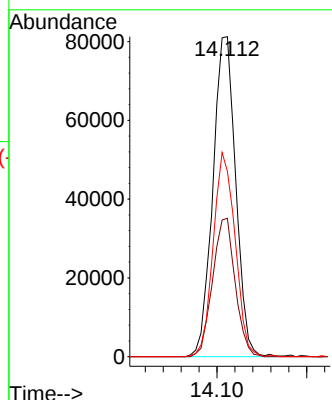
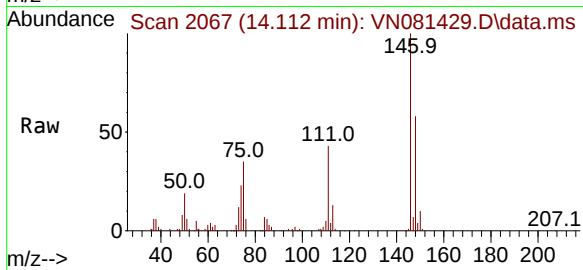
#91
1,2-Dichlorobenzene
Concen: 19.635 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01

Tgt Ion:146 Resp: 14374
Ion Ratio Lower Upper
146 100
111 42.7 23.9 71.8
148 61.1 31.4 94.0

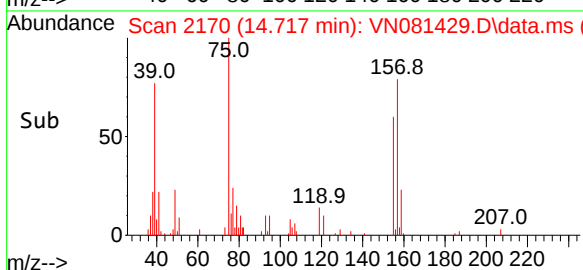
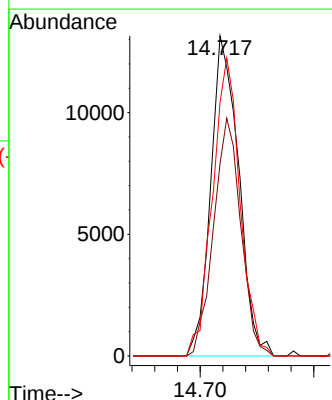
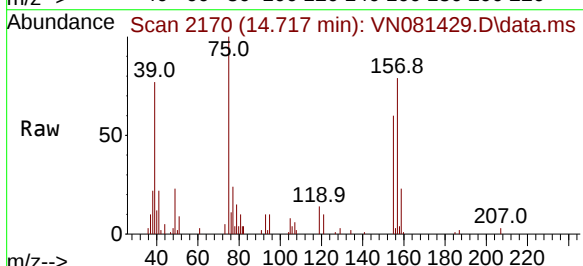
Manual Integrations
APPROVED

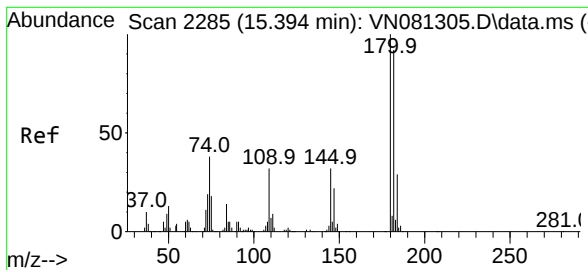
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.907 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

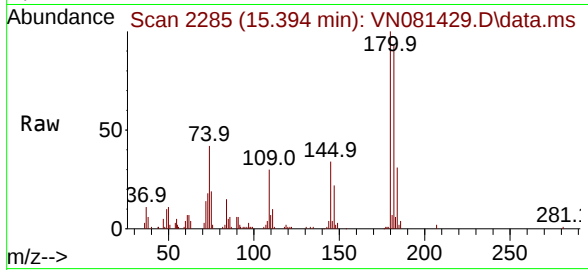
Tgt Ion: 75 Resp: 22406
Ion Ratio Lower Upper
75 100
155 72.5 31.8 95.4
157 92.2 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 18.326 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53

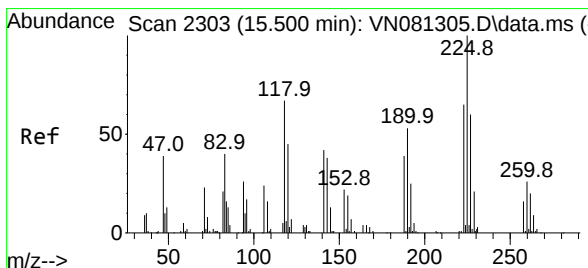
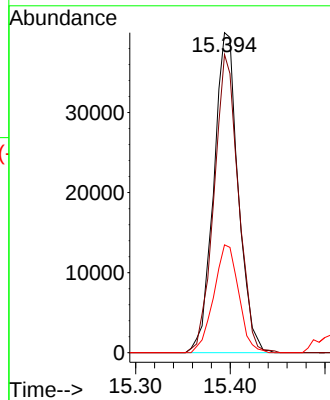
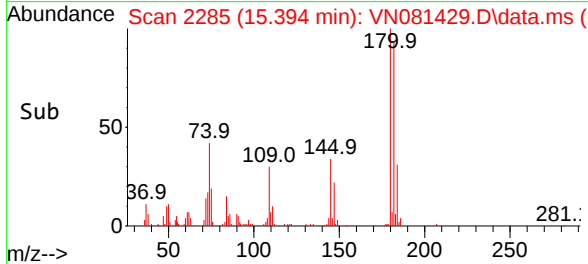
Instrument :
MSVOA_N
ClientSampleId :
VN0315WBS01



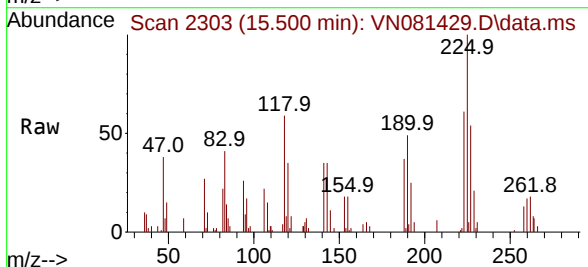
Tgt Ion:180 Resp: 71708
Ion Ratio Lower Upper
180 100
182 92.7 46.6 139.7
145 34.4 16.8 50.3

Manual Integrations
APPROVED

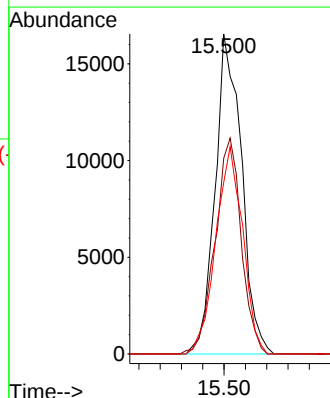
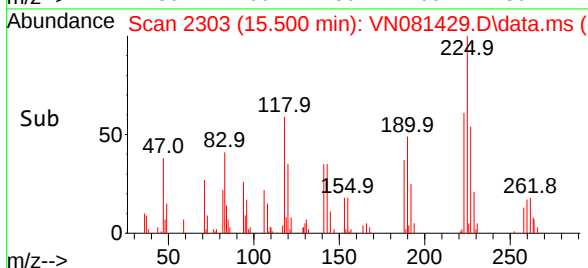
Reviewed By :John Carlone 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024

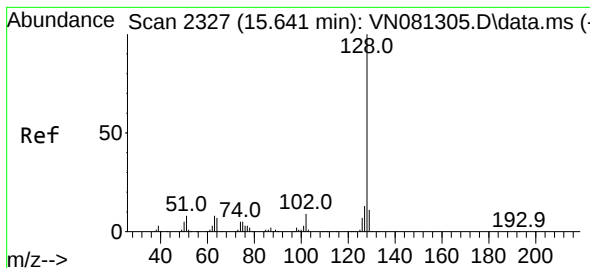


#94
Hexachlorobutadiene
Concen: 17.565 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN081429.D
Acq: 15 Mar 2024 16:53



Tgt Ion:225 Resp: 28401
Ion Ratio Lower Upper
225 100
223 66.9 33.3 99.8
227 66.4 33.1 99.2





#95

Naphthalene

Concen: 17.945 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN081429.D

Acq: 15 Mar 2024 16:53

Instrument :

MSVOA_N

ClientSampleId :

VN0315WBS01

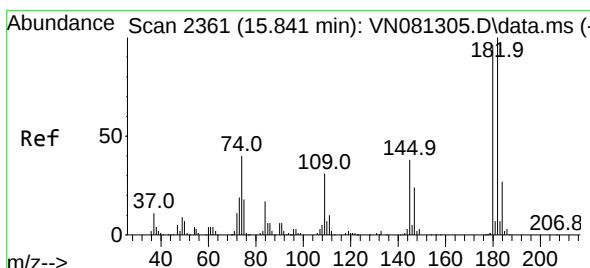
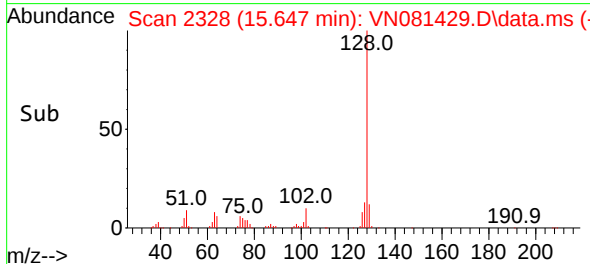
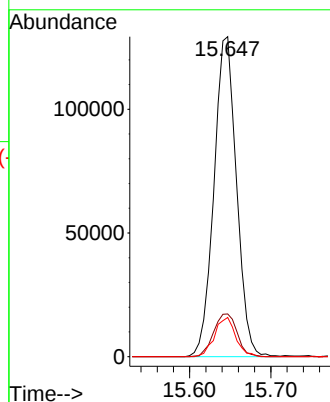
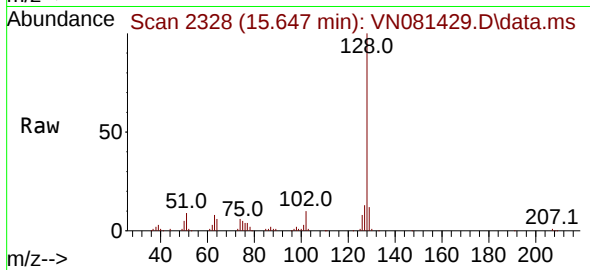
Tgt Ion:128 Resp: 249864
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.0 15.0
 129 11.5 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2024

Supervised By :Mahesh Dadoda 03/18/2024



#96

1,2,3-Trichlorobenzene

Concen: 19.681 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081429.D

Acq: 15 Mar 2024 16:53

Tgt Ion:180 Resp: 78098
 Ion Ratio Lower Upper
 180 100
 182 87.2 46.5 139.3
 145 35.9 17.8 53.4

