

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072424\
 Data File : VN083023.D
 Acq On : 24 Jul 2024 12:21
 Operator : JC\MD
 Sample : VN0724WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0724WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/25/2024
 Supervised By : Mahesh Dadoda 07/25/2024

Quant Time: Jul 25 02:35:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	181710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	302091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134662	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	130181	51.107	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.220%
35) Dibromofluoromethane	8.165	113	105181	54.261	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.520%
50) Toluene-d8	10.571	98	376007	52.518	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.040%
62) 4-Bromofluorobenzene	12.847	95	120437	46.830	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.660%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	44029	18.716	ug/l	98
3) Chloromethane	2.359	50	37202	16.675	ug/l	93
4) Vinyl Chloride	2.512	62	43172	18.425	ug/l	95
5) Bromomethane	2.959	94	32455	19.211	ug/l	89
6) Chloroethane	3.118	64	34800	21.703	ug/l	98
7) Trichlorofluoromethane	3.500	101	70206	20.832	ug/l	97
8) Diethyl Ether	3.959	74	22710	19.690	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	43794	22.961	ug/l	100
10) Methyl Iodide	4.589	142	34713	17.751	ug/l	93
11) Tert butyl alcohol	5.518	59	42867	100.057	ug/l	99
12) 1,1-Dichloroethene	4.347	96	36339	19.590	ug/l	80
13) Acrolein	4.189	56	17887	57.828	ug/l	95
14) Allyl chloride	5.018	41	56694	19.602	ug/l	94
15) Acrylonitrile	5.718	53	102207	103.807	ug/l	98
16) Acetone	4.424	43	98489	109.822	ug/l	93
17) Carbon Disulfide	4.712	76	92720	16.728	ug/l	99
18) Methyl Acetate	5.024	43	61641	25.976	ug/l #	89
19) Methyl tert-butyl Ether	5.794	73	128150	20.028	ug/l	98
20) Methylene Chloride	5.277	84	47434	21.901	ug/l	84
21) trans-1,2-Dichloroethene	5.783	96	39943	19.873	ug/l	82
22) Diisopropyl ether	6.671	45	131606	21.750	ug/l	94
23) Vinyl Acetate	6.606	43	460135	95.758	ug/l	95
24) 1,1-Dichloroethane	6.571	63	80367	21.897	ug/l	98
25) 2-Butanone	7.482	43	138927	102.595	ug/l	95
26) 2,2-Dichloropropane	7.494	77	76348	22.373	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	48902	20.782	ug/l	90
28) Bromochloromethane	7.818	49	31664	20.110	ug/l #	81
29) Tetrahydrofuran	7.841	42	84388	98.989	ug/l #	85
30) Chloroform	7.965	83	86610	22.243	ug/l	92
31) Cyclohexane	8.259	56	60066	18.037	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	75857	20.983	ug/l	97
36) 1,1-Dichloropropene	8.377	75	55006	20.581	ug/l	98
37) Ethyl Acetate	7.553	43	53705	19.737	ug/l #	81
38) Carbon Tetrachloride	8.365	117	68207	21.196	ug/l	99
39) Methylcyclohexane	9.600	83	51143	17.716	ug/l	95
40) Benzene	8.606	78	178476	21.710	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	29465	20.100	ug/l	91
42) 1,2-Dichloroethane	8.671	62	65827	22.242	ug/l	97
43) Isopropyl Acetate	8.694	43	106250	18.861	ug/l	96
44) Trichloroethene	9.353	130	42894	20.366	ug/l	98
45) 1,2-Dichloropropane	9.624	63	45392	23.650	ug/l	95
46) Dibromomethane	9.706	93	32308	21.607	ug/l	99
47) Bromodichloromethane	9.888	83	71655	23.193	ug/l	98
48) Methyl methacrylate	9.682	41	42913	20.114	ug/l	88
49) 1,4-Dioxane	9.694	88	17210	365.627	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	296351	109.861	ug/l	95
52) Toluene	10.629	92	110787	21.573	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	68220	21.434	ug/l	93
54) cis-1,3-Dichloropropene	10.318	75	71967	21.362	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	45893	24.303	ug/l	96
56) Ethyl methacrylate	10.876	69	62500	21.273	ug/l	88
57) 1,3-Dichloropropane	11.165	76	75486	22.582	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	172442	114.386	ug/l	96
59) 2-Hexanone	11.200	43	221333	110.360	ug/l	94
60) Dibromochloromethane	11.359	129	55340	23.008	ug/l	96
61) 1,2-Dibromoethane	11.470	107	44522	22.201	ug/l	100
64) Tetrachloroethene	11.106	164	40902	19.806	ug/l	97
65) Chlorobenzene	11.894	112	125199	21.108	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	47974	22.738	ug/l	98
67) Ethyl Benzene	11.965	91	200041	20.066	ug/l	97
68) m/p-Xylenes	12.070	106	155492	41.314	ug/l	97
69) o-Xylene	12.400	106	73705	20.438	ug/l	95
70) Styrene	12.412	104	128052	21.490	ug/l	97
71) Bromoform	12.582	173	36161	21.794	ug/l #	99
73) Isopropylbenzene	12.694	105	185461	18.953	ug/l	99
74) N-amyl acetate	12.494	43	77633	19.181	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	63225	21.574	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	55830m	24.048	ug/l	
77) Bromobenzene	12.982	156	48905	19.373	ug/l	97
78) n-propylbenzene	13.035	91	225202	20.017	ug/l	99
79) 2-Chlorotoluene	13.123	91	135868	18.954	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	154901	19.584	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	23868	20.219	ug/l	91
82) 4-Chlorotoluene	13.223	91	135658	19.119	ug/l	94
83) tert-Butylbenzene	13.441	119	127895	18.239	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	155686	19.312	ug/l	97
85) sec-Butylbenzene	13.617	105	181286	19.131	ug/l	99
86) p-Isopropyltoluene	13.729	119	149749	18.941	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	88700	19.451	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	90477	19.185	ug/l	99
89) n-Butylbenzene	14.059	91	124118	18.325	ug/l	98
90) Hexachloroethane	14.335	117	31815	19.018	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	87635	19.792	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12687	18.713	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	41703	17.486	ug/l	99
94) Hexachlorobutadiene	15.500	225	20220	19.124	ug/l	96
95) Naphthalene	15.641	128	128233	15.698	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	43207	17.619	ug/l	99

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Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

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

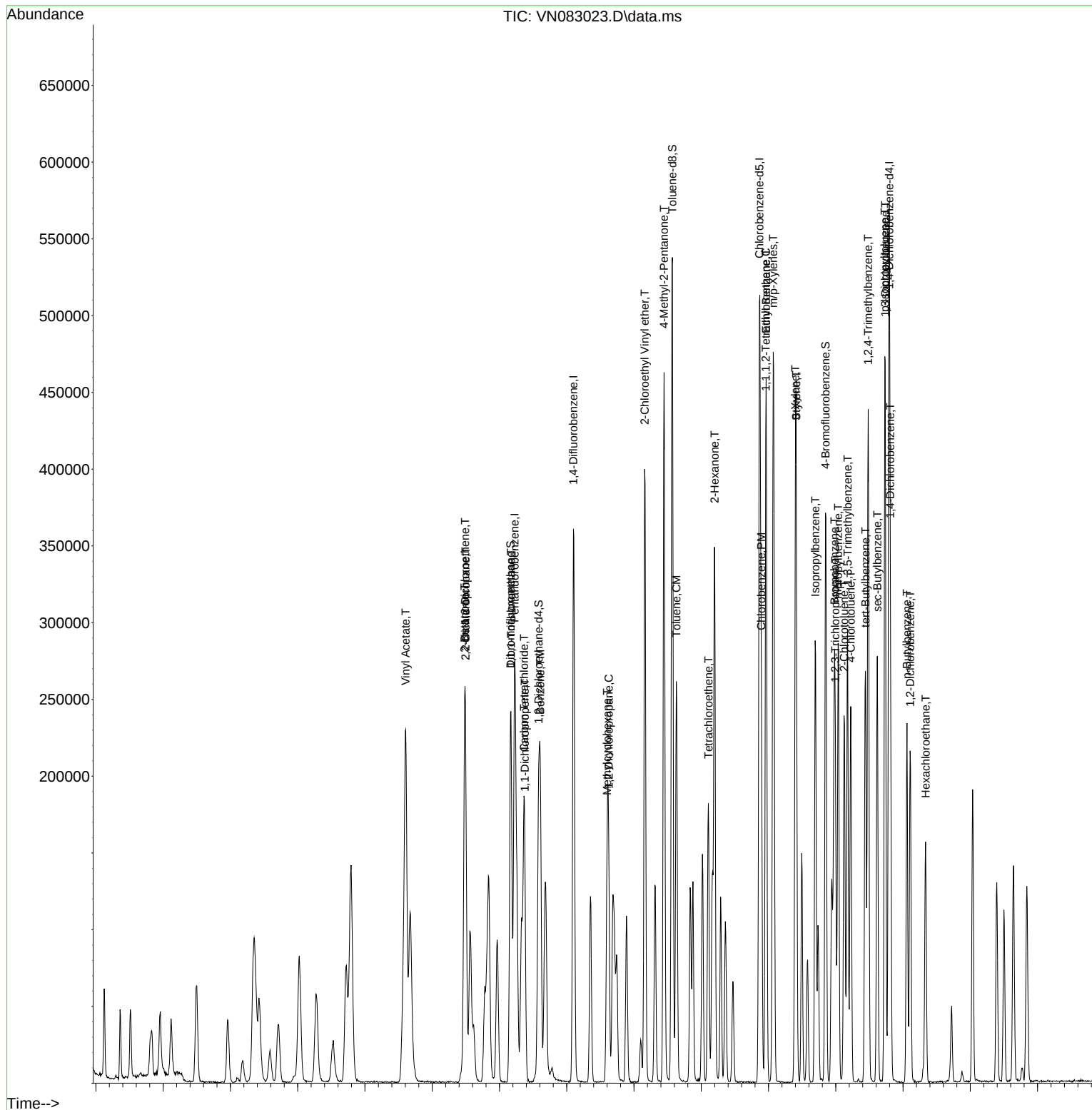
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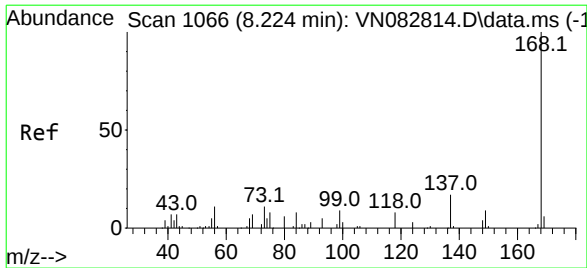
Instrument :
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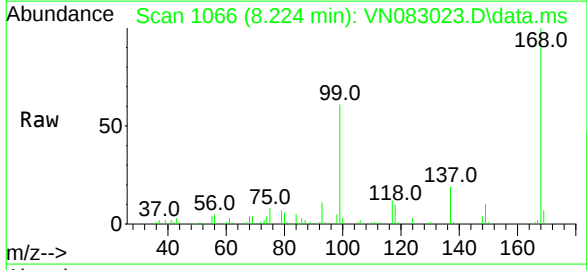
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

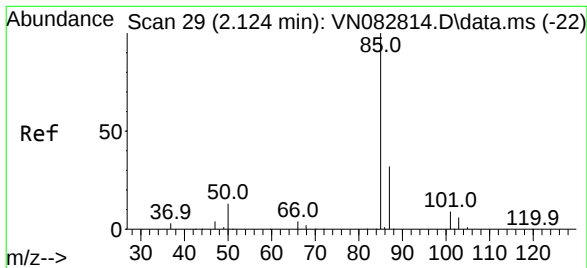
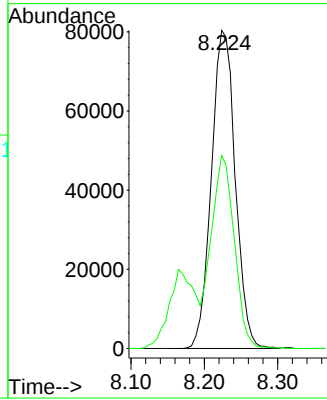
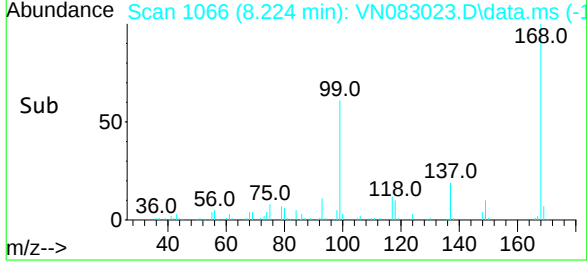
Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01



Tgt Ion:168 Resp: 181710
Ion Ratio Lower Upper
168 100
99 60.5 48.2 72.4

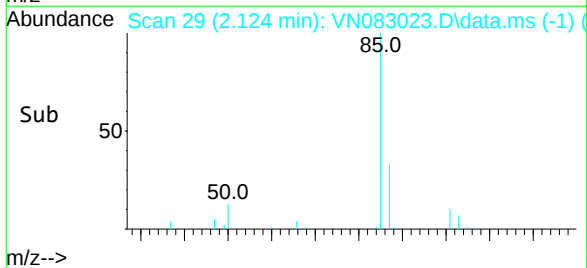
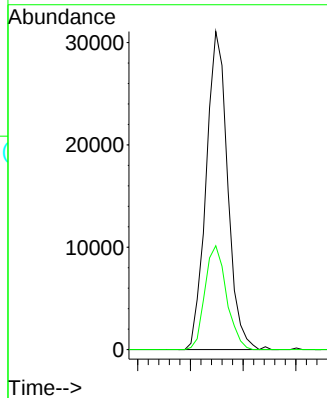
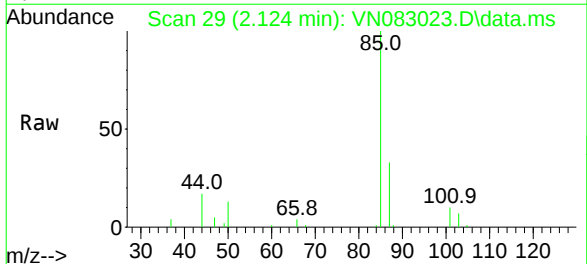
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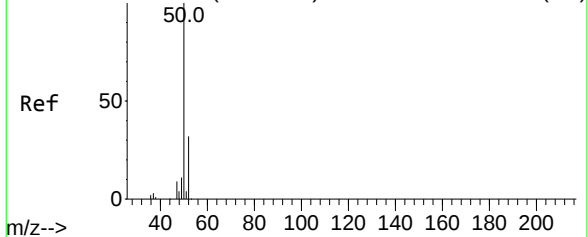


#2
Dichlorodifluoromethane
Concen: 18.716 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Tgt Ion: 85 Resp: 44029
Ion Ratio Lower Upper
85 100
87 32.6 15.7 47.0



Abundance Scan 69 (2.359 min): VN082814.D\data.ms (-63)



#3

Chloromethane

Concen: 16.675 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083023.D

Acq: 24 Jul 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0724WBS01

Tgt Ion: 50 Resp: 37202

Ion Ratio Lower Upper

50 100

52 35.0 25.0 37.4

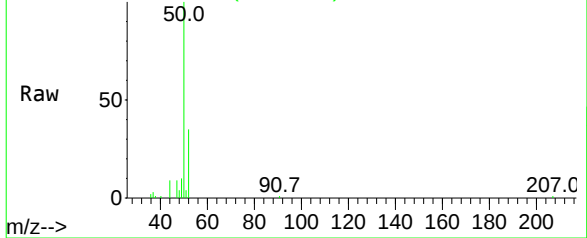
Manual Integrations

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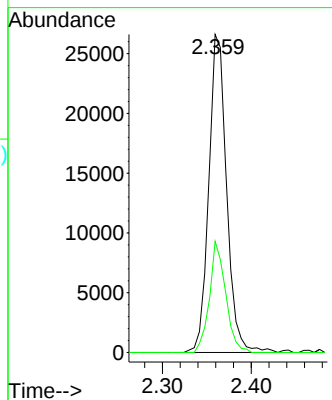
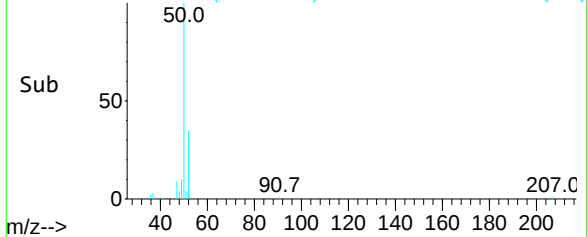
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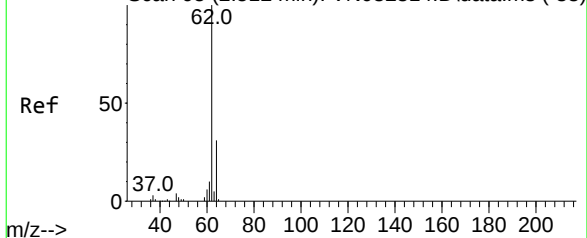
Abundance Scan 69 (2.359 min): VN083023.D\data.ms



Abundance Scan 69 (2.359 min): VN083023.D\data.ms (-18)



Abundance Scan 95 (2.512 min): VN082814.D\data.ms (-88)



#4

Vinyl Chloride

Concen: 18.425 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN083023.D

Acq: 24 Jul 2024 12:21

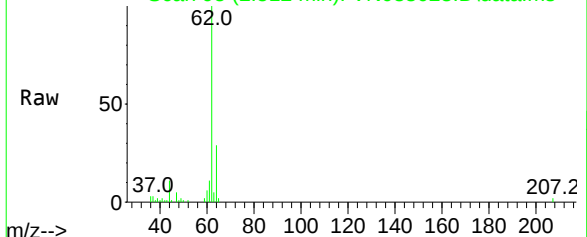
Tgt Ion: 62 Resp: 43172

Ion Ratio Lower Upper

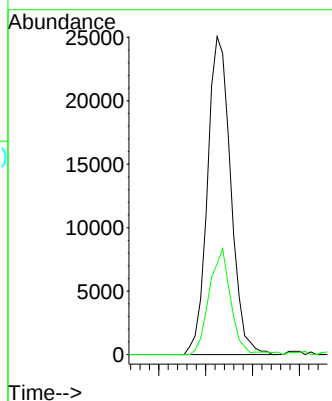
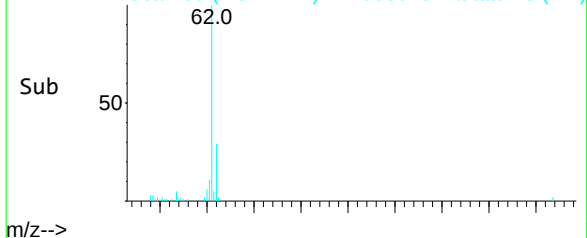
62 100

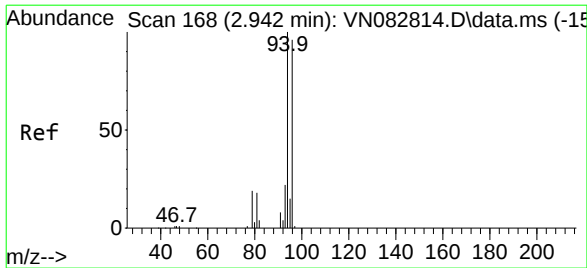
64 28.6 25.0 37.6

Abundance Scan 95 (2.512 min): VN083023.D\data.ms



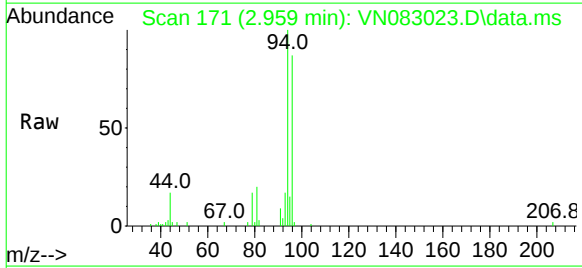
Abundance Scan 95 (2.512 min): VN083023.D\data.ms (-44)





#5
Bromomethane
Concen: 19.211 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.012 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

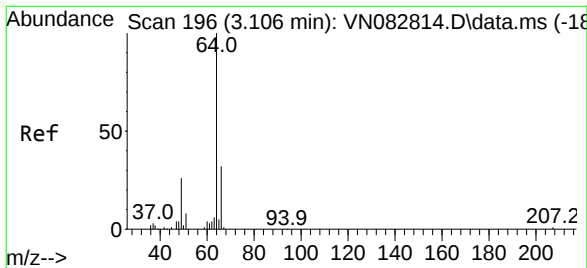
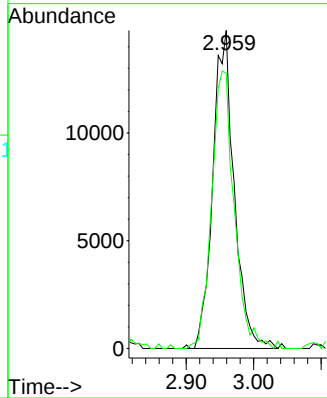
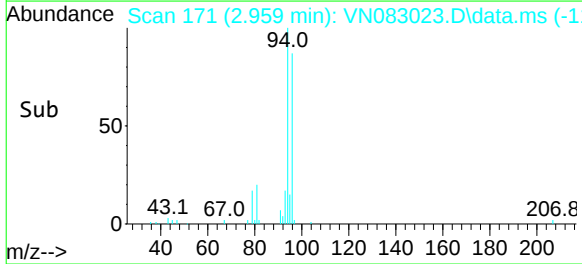
Instrument :
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Tgt Ion: 94 Resp: 32455
Ion Ratio Lower Upper
94 100
96 86.6 78.0 117.0

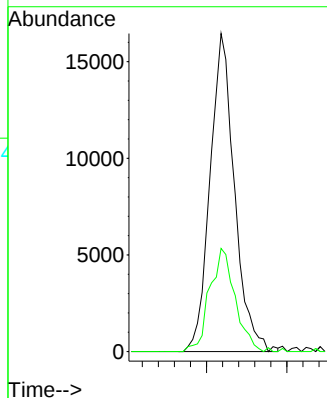
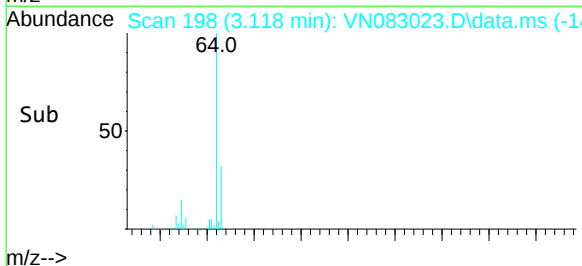
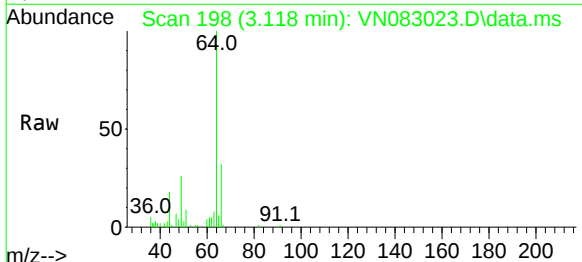
Manual Integrations
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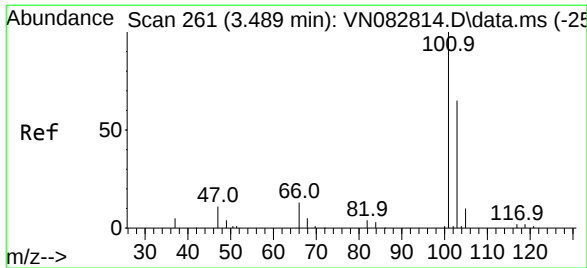
Reviewed By :John Carlone 07/25/2024
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#6
Chloroethane
Concen: 21.703 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

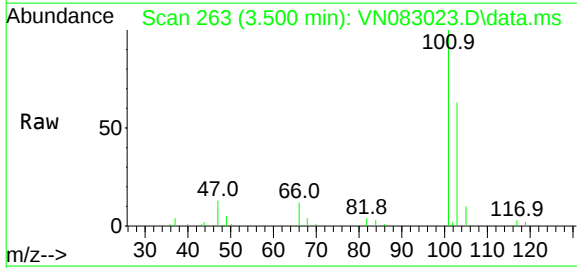
Tgt Ion: 64 Resp: 34800
Ion Ratio Lower Upper
64 100
66 32.4 26.6 40.0





#7
 Trichlorofluoromethane
 Concen: 20.832 ug/l
 RT: 3.500 min Scan# 261
 Delta R.T. 0.006 min
 Lab File: VN083023.D
 Acq: 24 Jul 2024 12:21

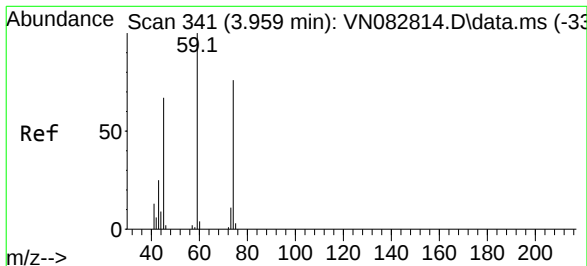
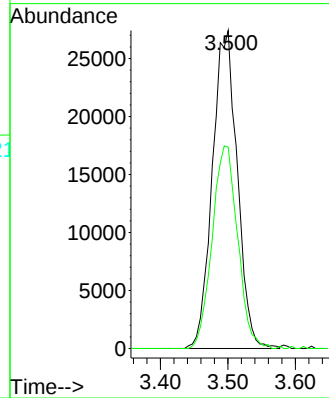
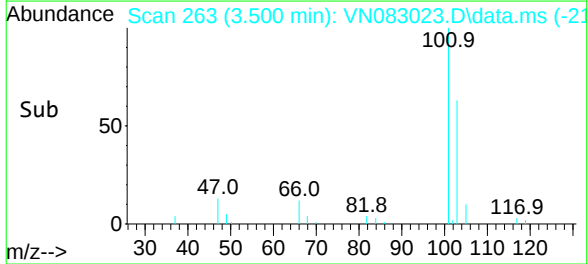
Instrument :
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Tgt Ion: 101 Resp: 70206
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.7 79.1

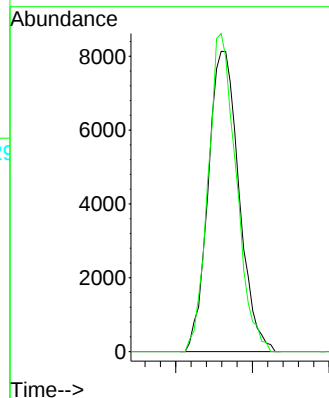
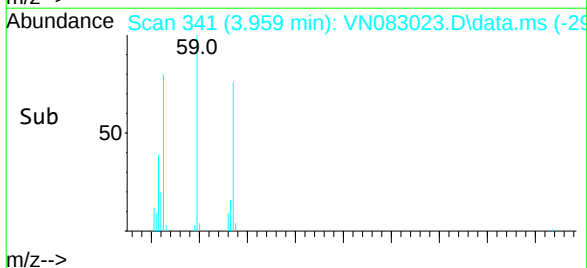
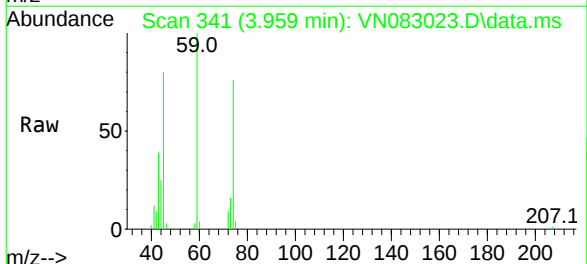
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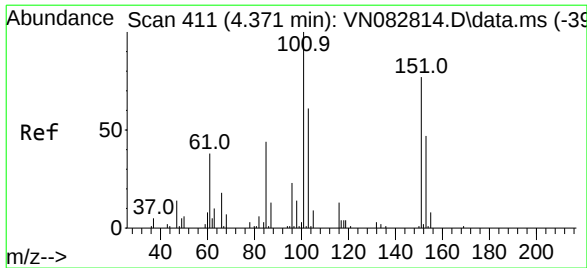
Reviewed By : John Carlone 07/25/2024
 Supervised By : Mahesh Dadoda 07/25/2024



#8
 Diethyl Ether
 Concen: 19.690 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN083023.D
 Acq: 24 Jul 2024 12:21

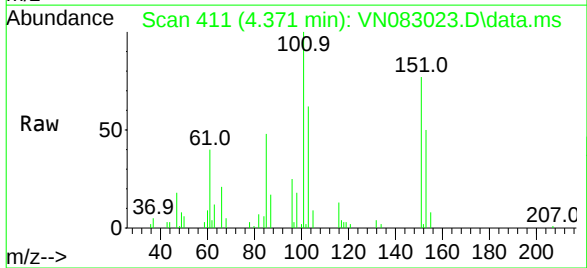
Tgt Ion: 74 Resp: 22710
 Ion Ratio Lower Upper
 74 100
 45 96.4 55.5 166.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.961 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

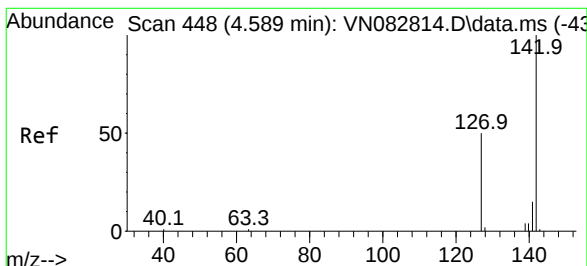
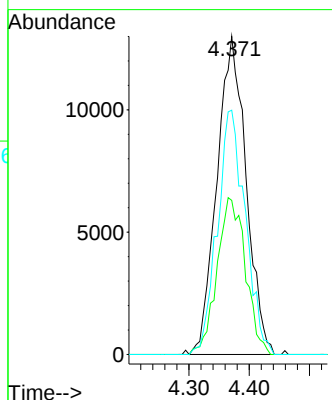
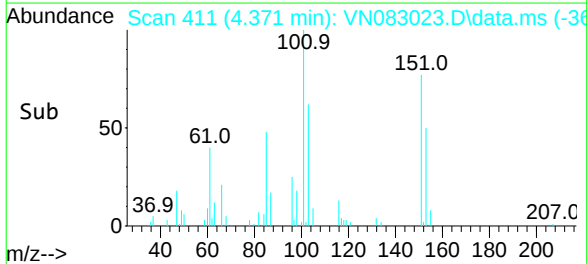
Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01



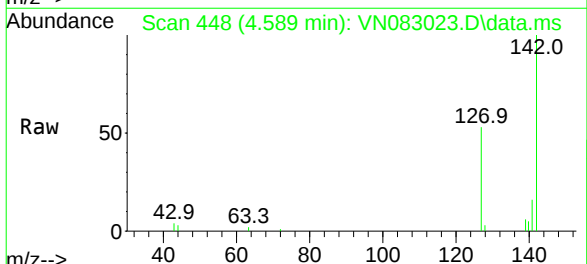
Tgt Ion:101 Resp: 43794
Ion Ratio Lower Upper
101 100
85 48.0 38.3 57.5
151 73.6 59.3 88.9

Manual Integrations
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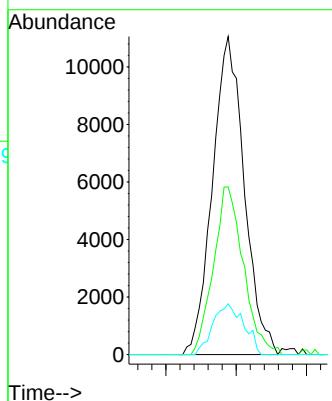
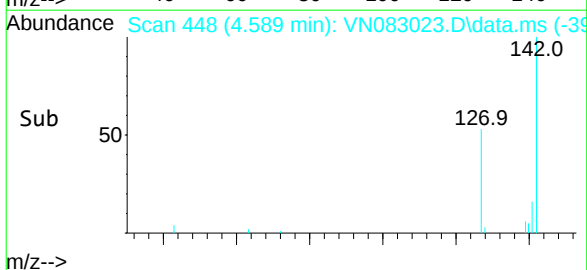
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024

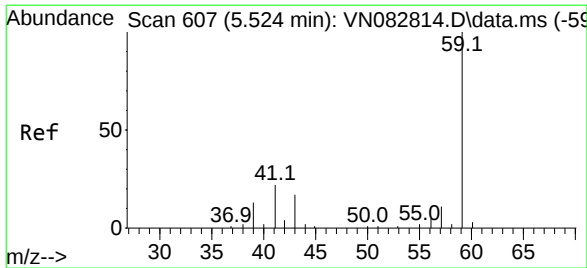


#10
Methyl Iodide
Concen: 17.751 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21



Tgt Ion:142 Resp: 34713
Ion Ratio Lower Upper
142 100
127 52.7 37.5 56.3
141 16.0 13.1 19.7





#11

Tert butyl alcohol

Concen: 100.057 ug/l

RT: 5.518 min Scan# 606

Delta R.T. -0.006 min

Lab File: VN083023.D

Acq: 24 Jul 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0724WBS01

Tgt Ion: 59 Resp: 42867

Ion Ratio Lower Upper

59 100

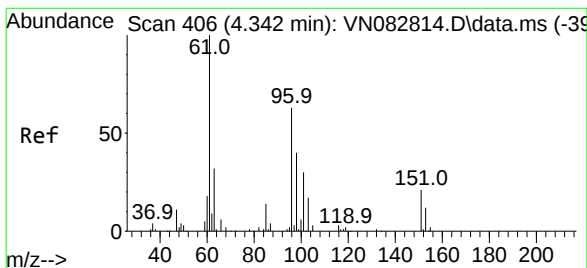
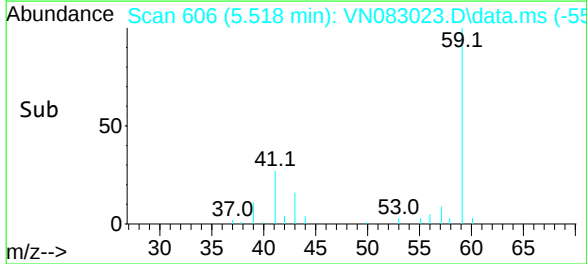
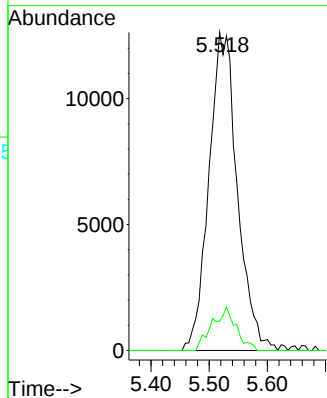
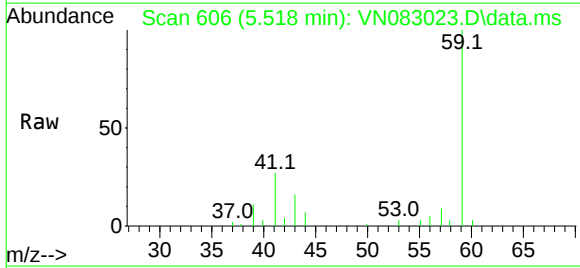
57 11.5 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2024

Supervised By :Mahesh Dadoda 07/25/2024



#12

1,1-Dichloroethene

Concen: 19.590 ug/l

RT: 4.347 min Scan# 407

Delta R.T. 0.006 min

Lab File: VN083023.D

Acq: 24 Jul 2024 12:21

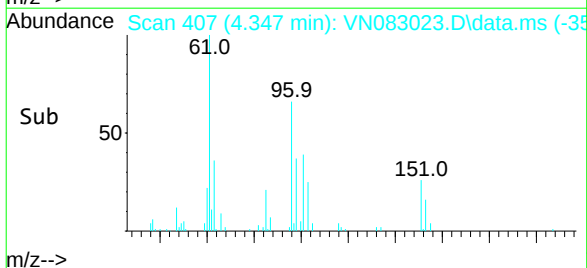
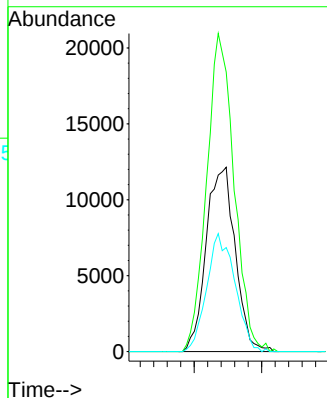
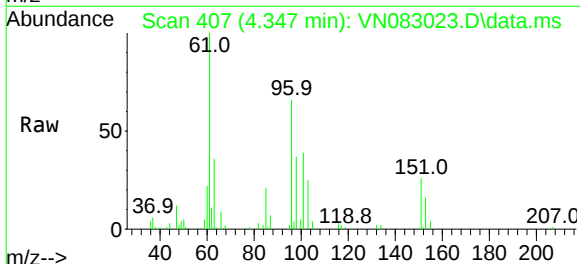
Tgt Ion: 96 Resp: 36339

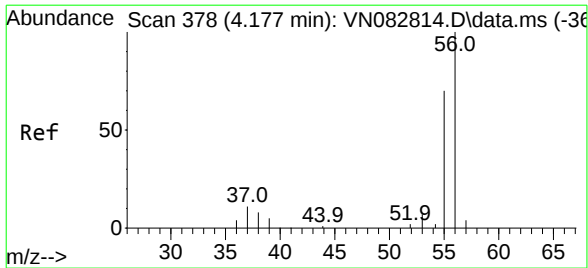
Ion Ratio Lower Upper

96 100

61 151.7 149.7 224.5

98 56.4 50.1 75.1





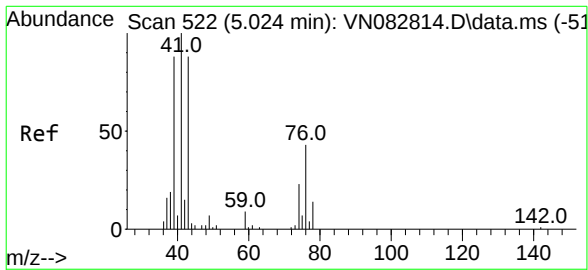
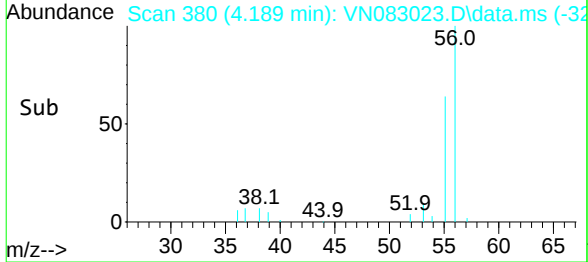
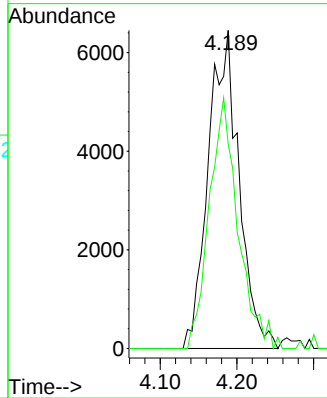
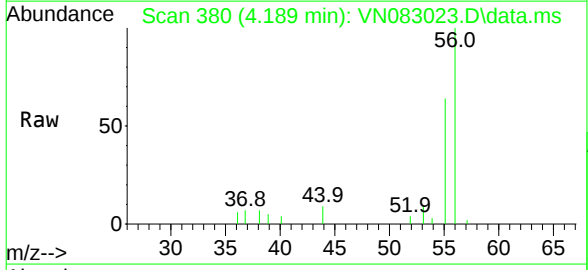
#13
Acrolein
Concen: 57.828 ug/l
RT: 4.189 min Scan# 38
Delta R.T. 0.012 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01

Tgt Ion: 56 Resp: 17887
Ion Ratio Lower Upper
56 100
55 74.3 56.4 84.6

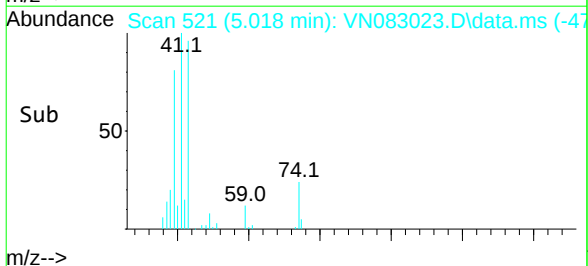
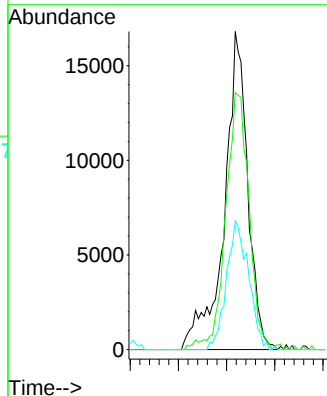
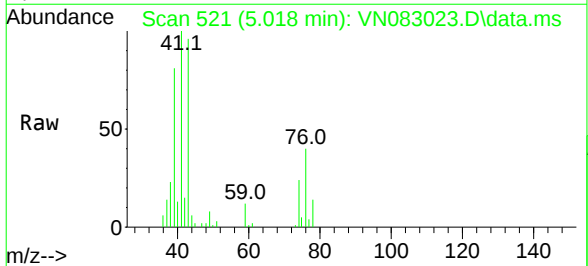
Manual Integrations
APPROVED

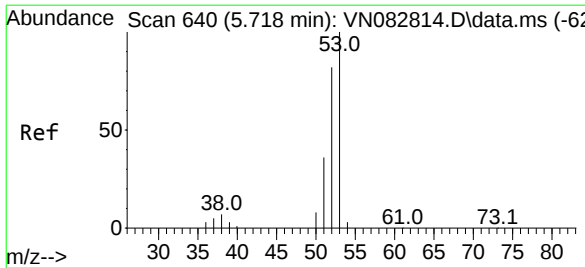
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#14
Allyl chloride
Concen: 19.602 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

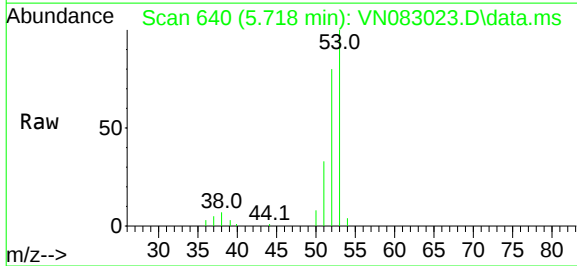
Tgt Ion: 41 Resp: 56694
Ion Ratio Lower Upper
41 100
39 80.5 67.8 101.6
76 38.2 25.8 38.8





#15
Acrylonitrile
Concen: 103.807 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

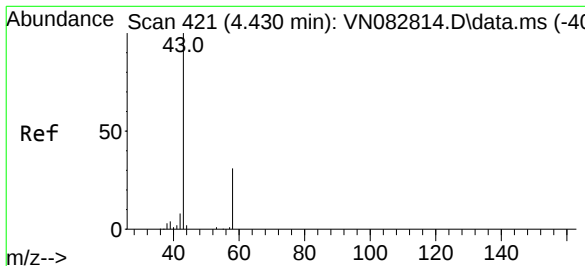
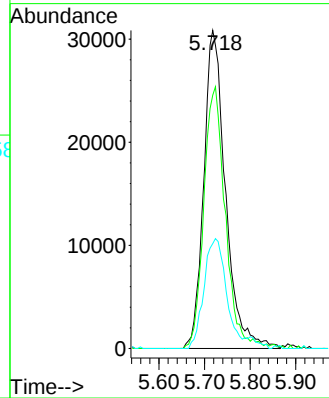
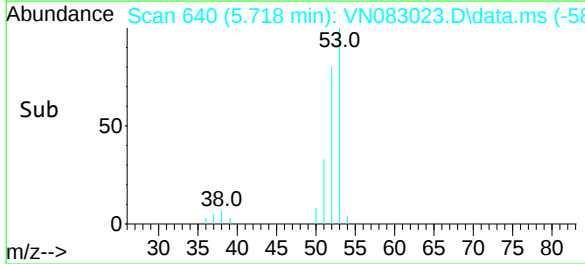
Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01



Tgt Ion: 53 Resp: 102207
Ion Ratio Lower Upper
53 100
52 81.7 66.6 100.0
51 35.9 30.1 45.1

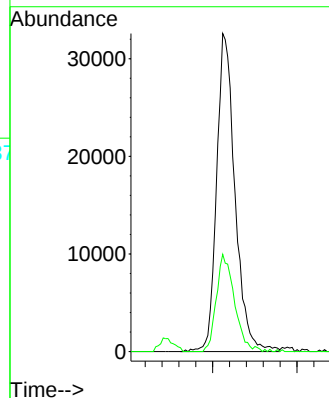
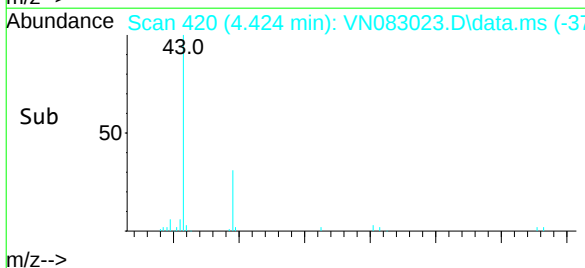
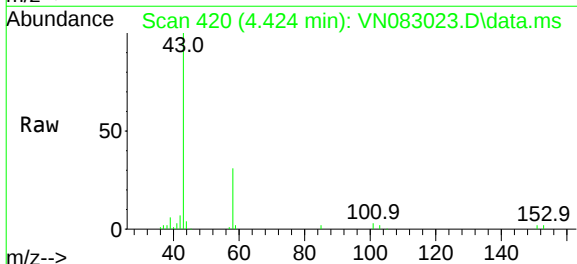
Manual Integrations
APPROVED

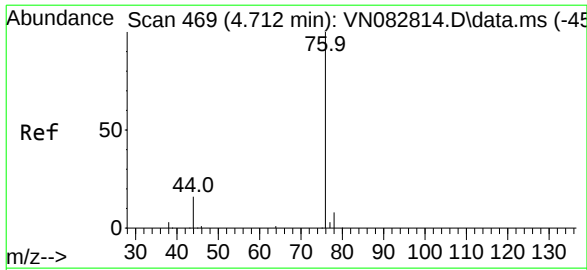
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#16
Acetone
Concen: 109.822 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

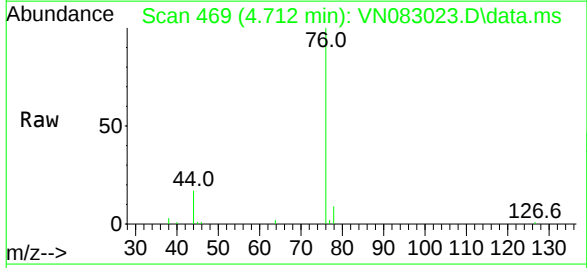
Tgt Ion: 43 Resp: 98489
Ion Ratio Lower Upper
43 100
58 30.6 21.8 32.6





#17
Carbon Disulfide
Concen: 16.728 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

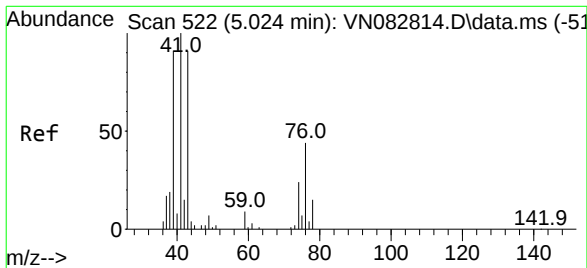
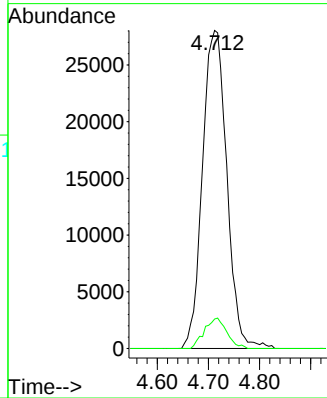
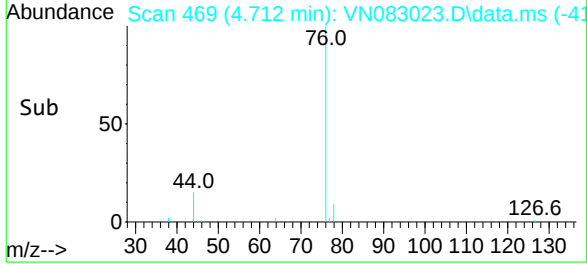
Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01



Tgt Ion: 76 Resp: 92720
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

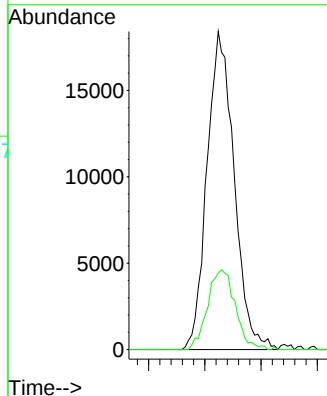
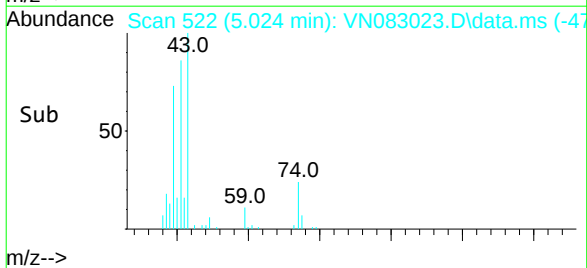
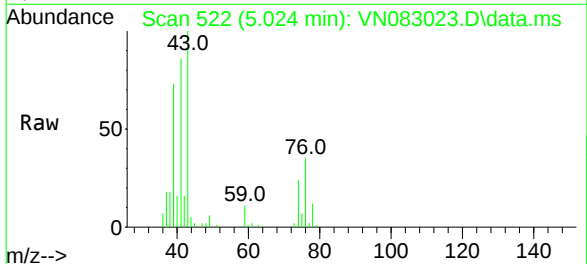
Manual Integrations
APPROVED

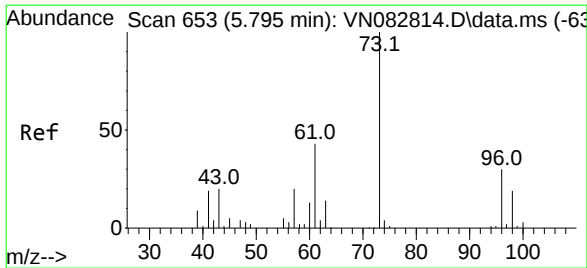
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#18
Methyl Acetate
Concen: 25.976 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Tgt Ion: 43 Resp: 61641
Ion Ratio Lower Upper
43 100
74 25.6 16.3 24.5#





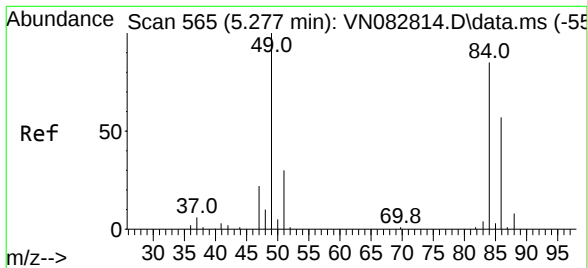
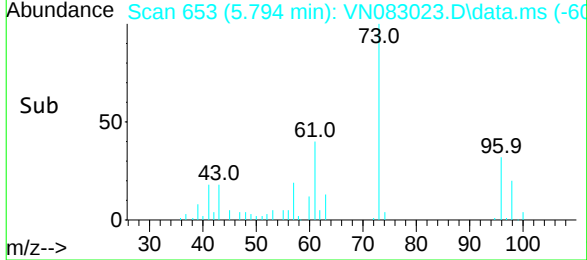
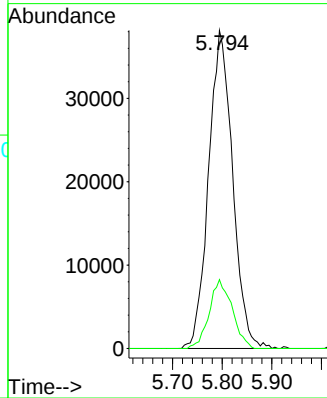
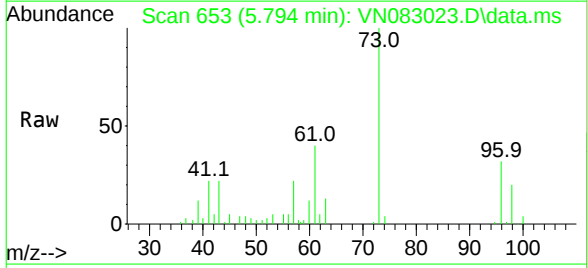
#19
Methyl tert-butyl Ether
Concen: 20.028 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01

Tgt Ion: 73 Resp: 128150
Ion Ratio Lower Upper
73 100
57 21.6 17.9 26.9

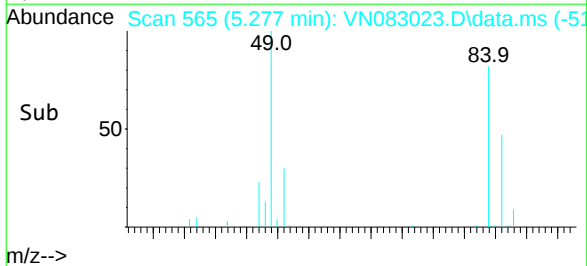
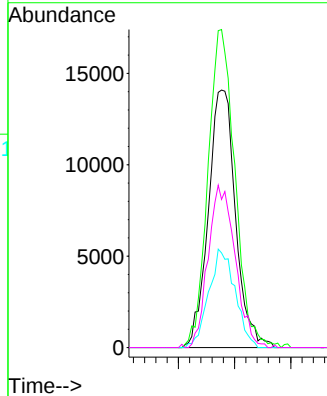
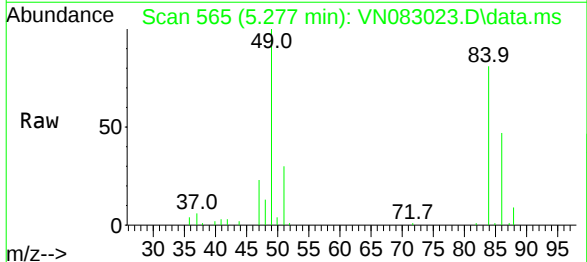
Manual Integrations
APPROVED

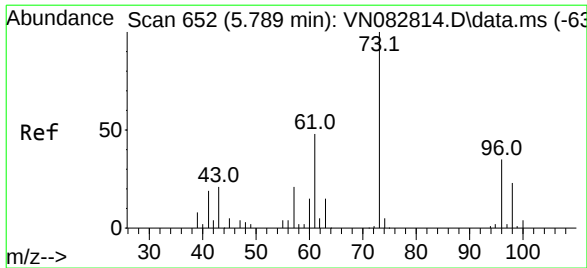
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#20
Methylene Chloride
Concen: 21.901 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Tgt Ion: 84 Resp: 47434
Ion Ratio Lower Upper
84 100
49 123.5 119.6 179.4
51 36.8 34.8 52.2
86 57.6 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 19.873 ug/l

RT: 5.783 min Scan# 65

Delta R.T. -0.005 min

Lab File: VN083023.D

Acq: 24 Jul 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0724WBS01

Tgt Ion: 96 Resp: 39943

Ion Ratio Lower Upper

96 100

61 125.6 123.4 185.2

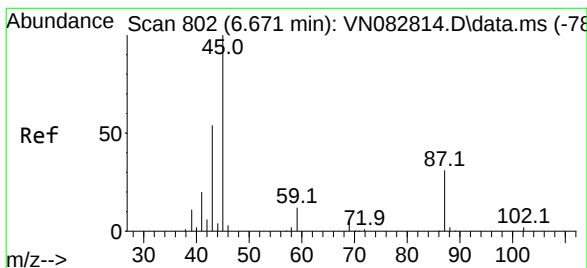
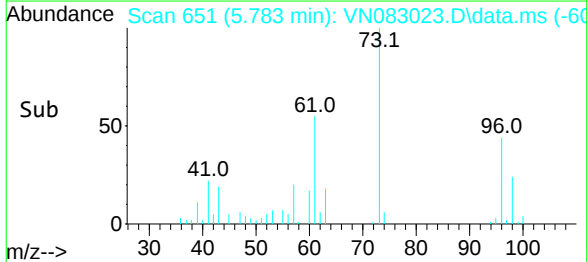
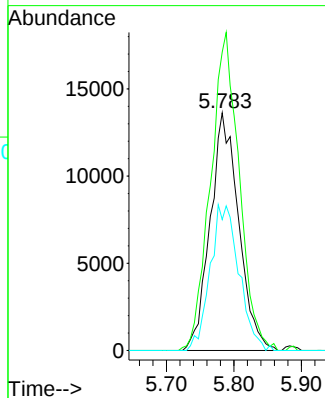
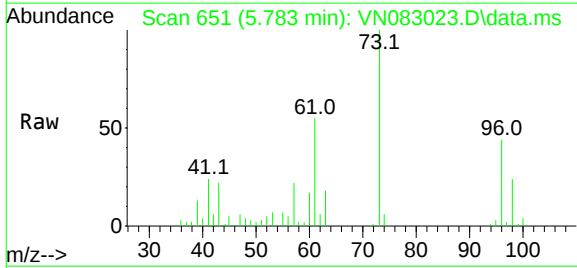
98 55.1 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2024

Supervised By :Mahesh Dadoda 07/25/2024



#22

Diisopropyl ether

Concen: 21.750 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.006 min

Lab File: VN083023.D

Acq: 24 Jul 2024 12:21

Tgt Ion: 45 Resp: 131606

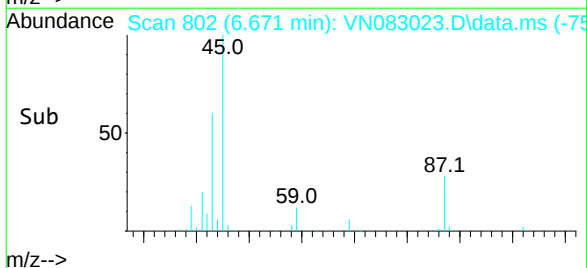
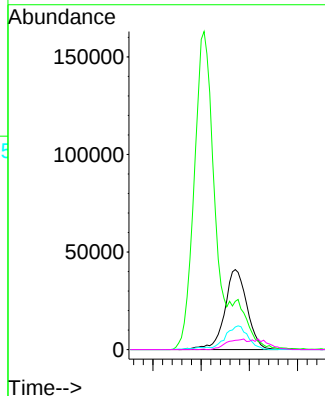
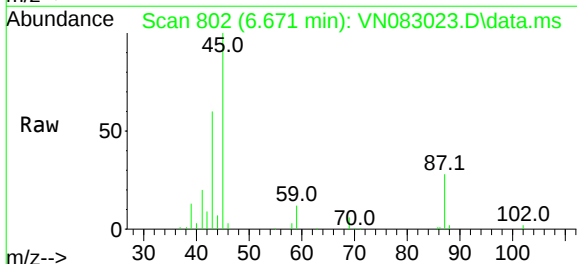
Ion Ratio Lower Upper

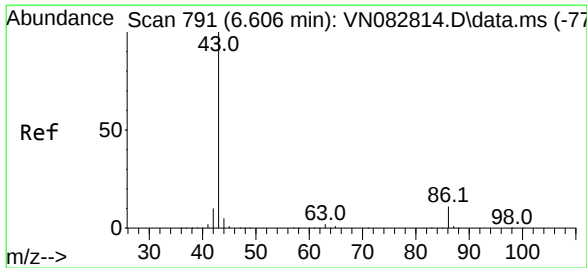
45 100

43 58.9 44.0 66.0

87 28.2 19.7 29.5

59 11.6 8.5 12.7





#23

Vinyl Acetate

Concen: 95.758 ug/l

RT: 6.606 min Scan# 791

Delta R.T. 0.000 min

Lab File: VN083023.D

Acq: 24 Jul 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0724WBS01

Tgt Ion: 43 Resp: 460135

Ion Ratio Lower Upper

43 100

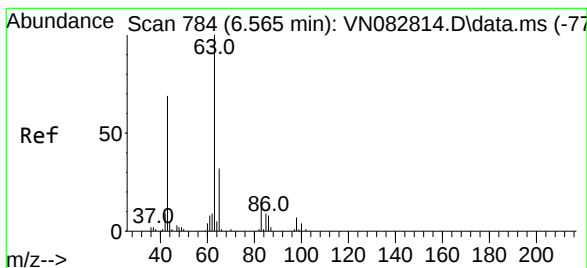
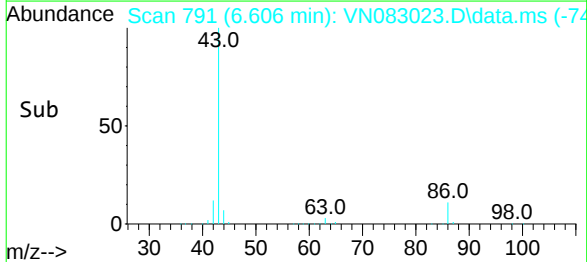
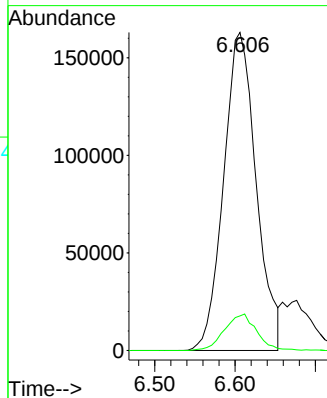
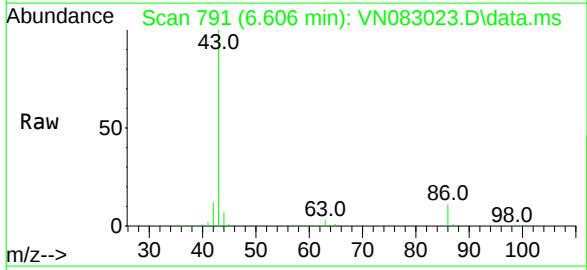
86 10.9 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2024

Supervised By :Mahesh Dadoda 07/25/2024



#24

1,1-Dichloroethane

Concen: 21.897 ug/l

RT: 6.571 min Scan# 785

Delta R.T. -0.000 min

Lab File: VN083023.D

Acq: 24 Jul 2024 12:21

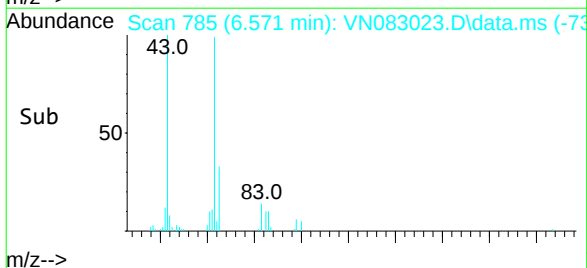
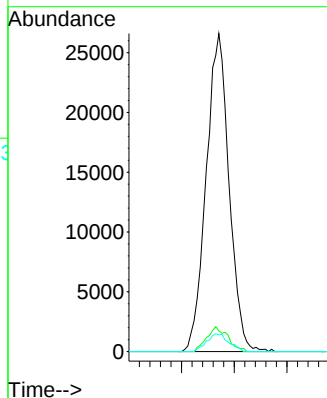
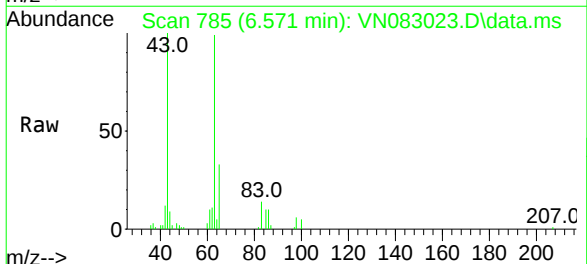
Tgt Ion: 63 Resp: 80367

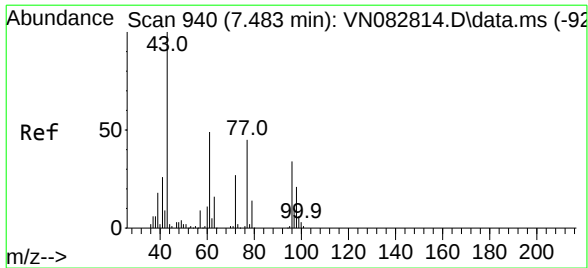
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

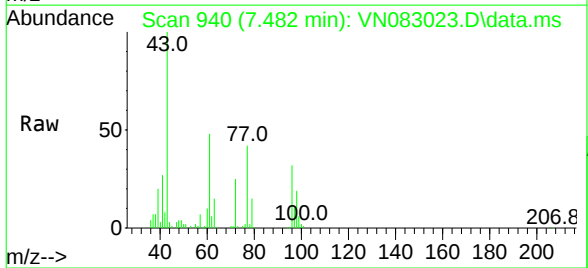
100 5.3 2.0 6.0





#25
2-Butanone
Concen: 102.595 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

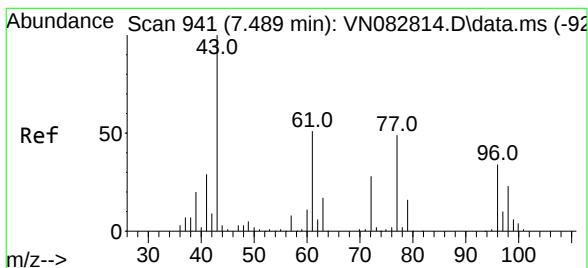
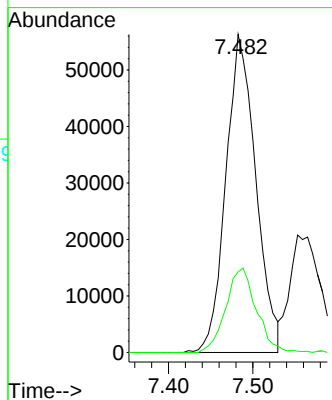
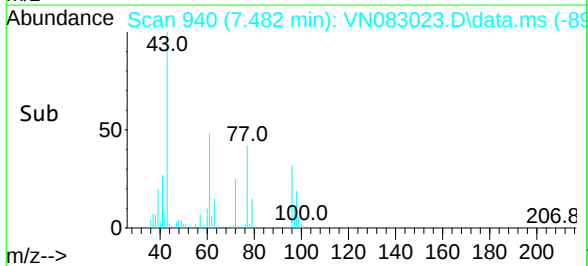
Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01



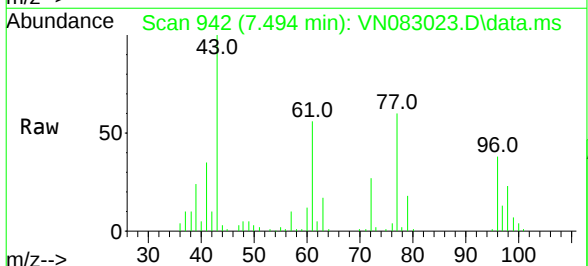
Tgt Ion: 43 Resp: 138927
Ion Ratio Lower Upper
43 100
72 25.3 18.2 27.2

Manual Integrations
APPROVED

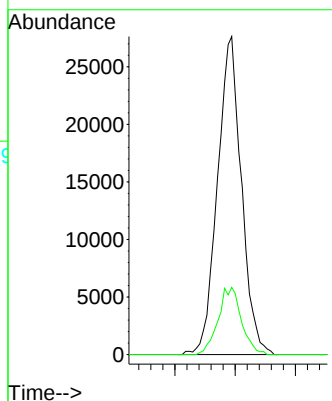
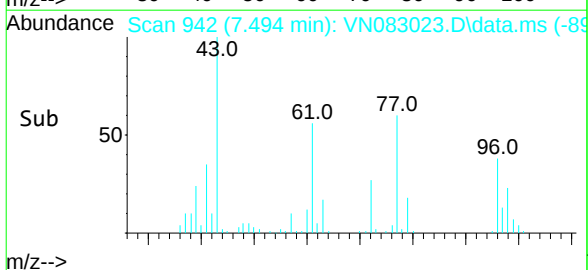
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024

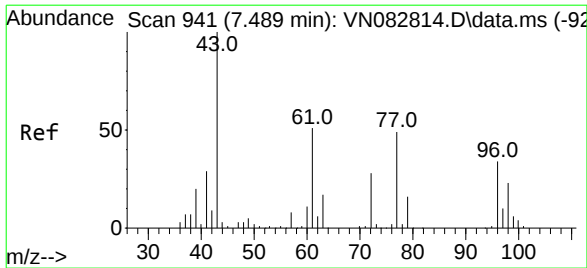


#26
2,2-Dichloropropane
Concen: 22.373 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21



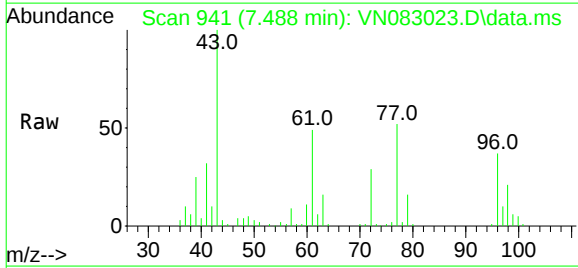
Tgt Ion: 77 Resp: 76348
Ion Ratio Lower Upper
77 100
97 20.6 10.3 30.9





#27
cis-1,2-Dichloroethene
Concen: 20.782 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

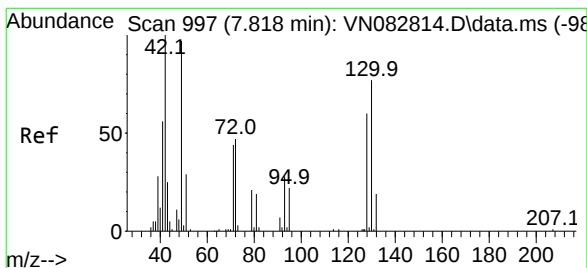
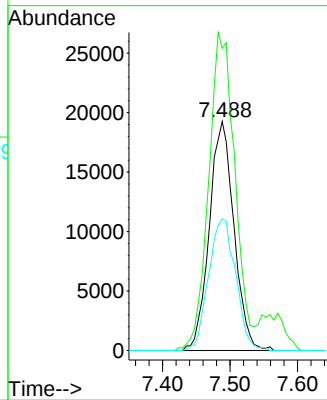
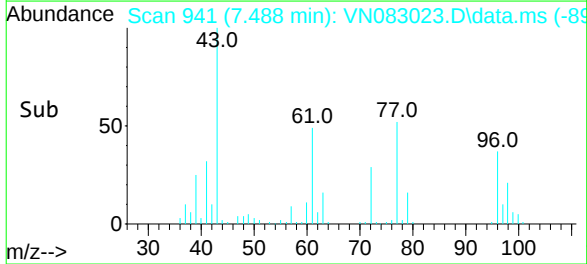
Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01



Tgt Ion: 96 Resp: 48902
Ion Ratio Lower Upper
96 100
61 147.7 0.0 329.6
98 63.2 0.0 128.6

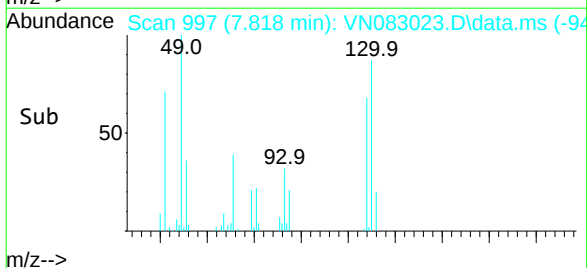
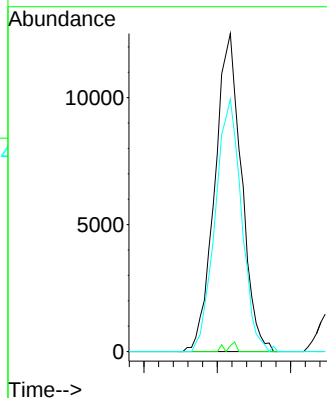
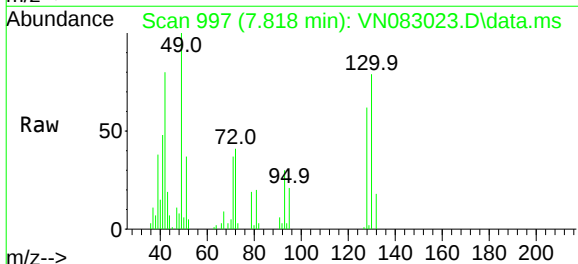
Manual Integrations
APPROVED

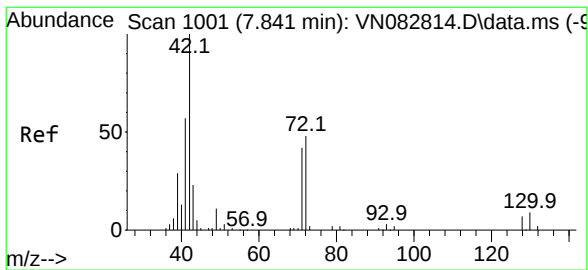
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#28
Bromochloromethane
Concen: 20.110 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Tgt Ion: 49 Resp: 31664
Ion Ratio Lower Upper
49 100
129 1.0 0.0 3.8
130 78.3 50.5 75.7#





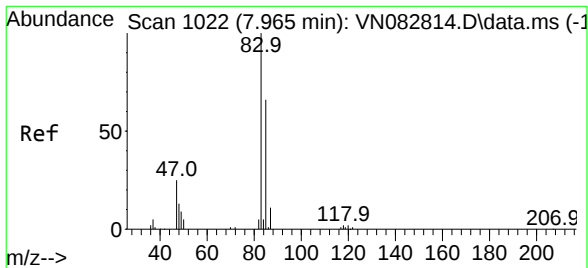
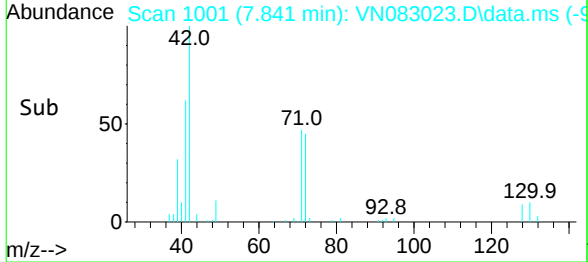
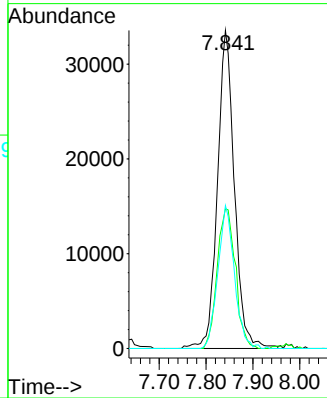
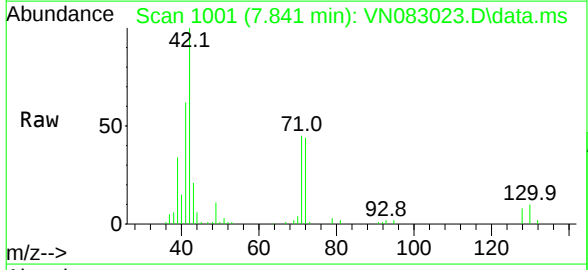
#29
Tetrahydrofuran
Concen: 98.989 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01

Tgt Ion: 42 Resp: 84388
Ion Ratio Lower Upper
42 100
72 47.1 30.0 45.0#
71 43.8 28.3 42.5#

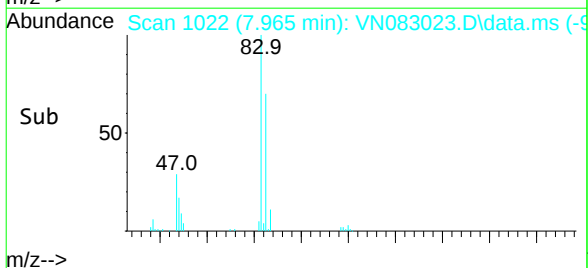
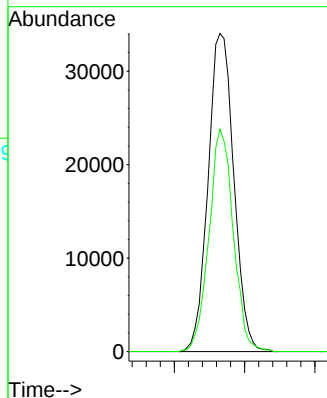
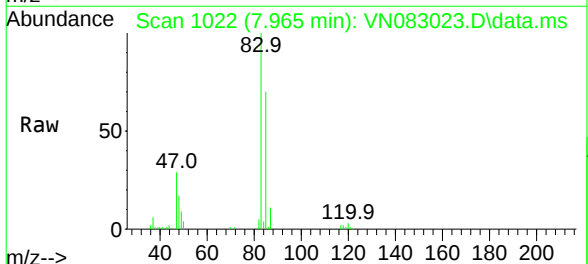
Manual Integrations
APPROVED

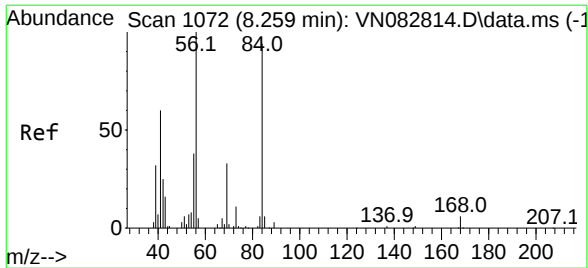
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#30
Chloroform
Concen: 22.243 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Tgt Ion: 83 Resp: 86610
Ion Ratio Lower Upper
83 100
85 69.9 50.9 76.3





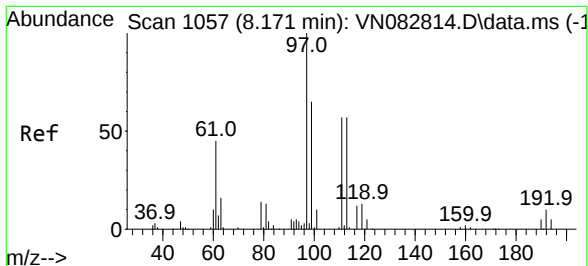
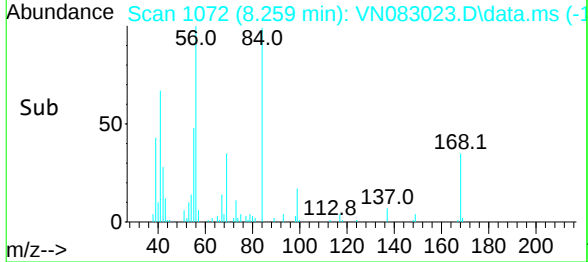
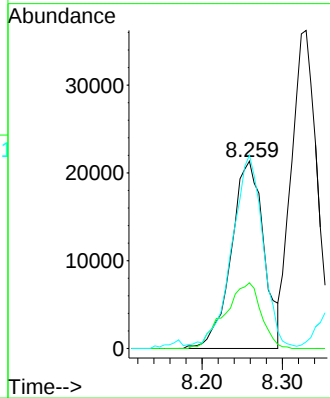
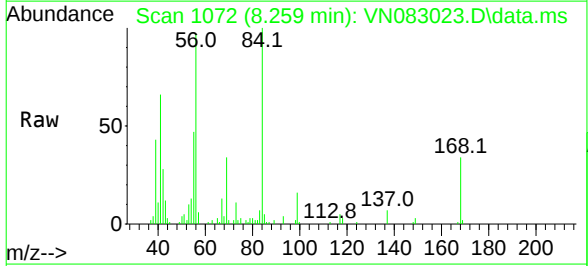
#31
Cyclohexane
Concen: 18.037 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Instrument : MSVOA_N
ClientSampleId : VN0724WBS01

Tgt Ion: 56	Resp: 60066
Ion Ratio	Lower Upper
56	100
69	35.0 24.5 36.7
84	98.6 66.0 99.0

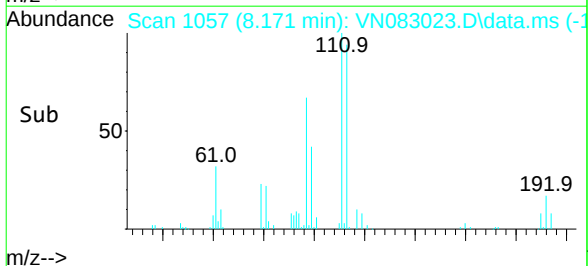
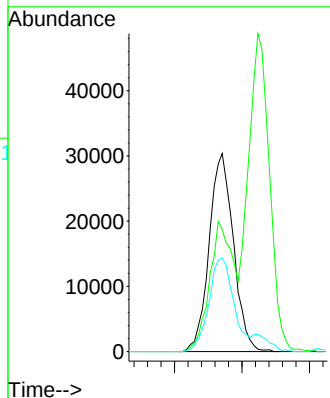
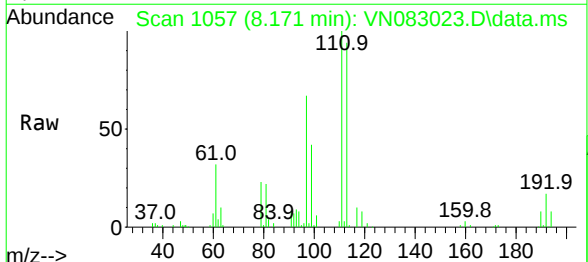
Manual Integrations
APPROVED

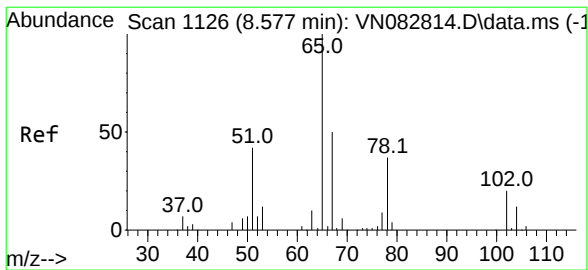
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#32
1,1,1-Trichloroethane
Concen: 20.983 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

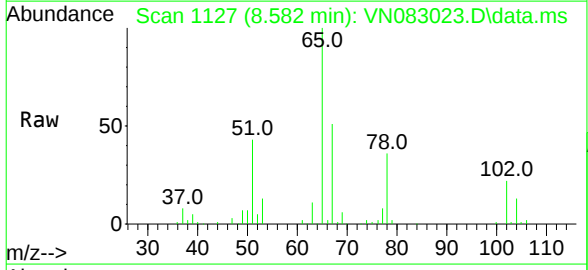
Tgt Ion: 97	Resp: 75857
Ion Ratio	Lower Upper
97	100
99	64.8 52.0 78.0
61	48.8 42.1 63.1





#33
1,2-Dichloroethane-d4
Concen: 51.107 ug/l
RT: 8.582 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

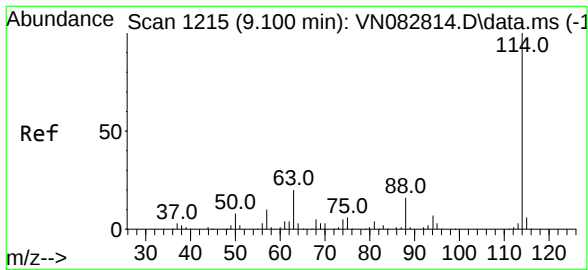
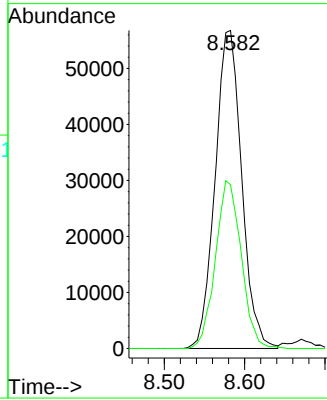
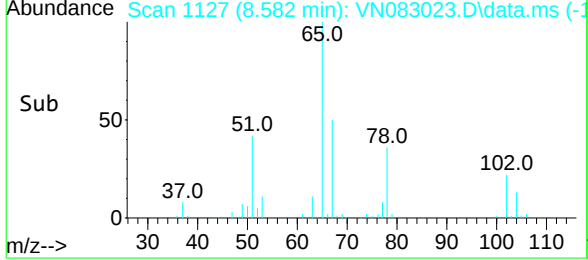
Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01



Tgt Ion: 65 Resp: 130181
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.4

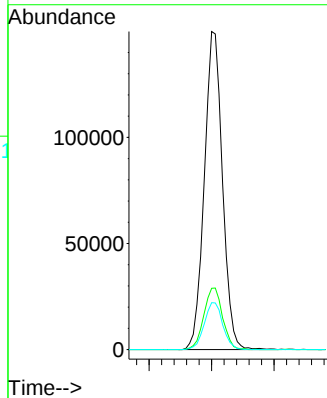
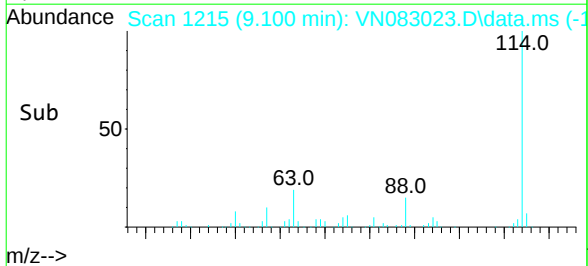
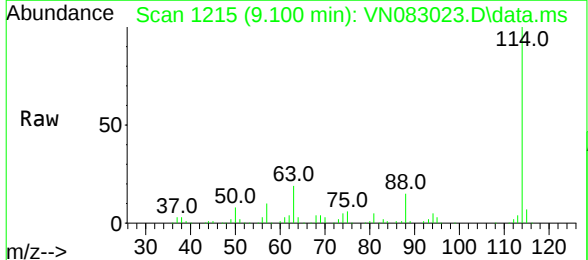
Manual Integrations
APPROVED

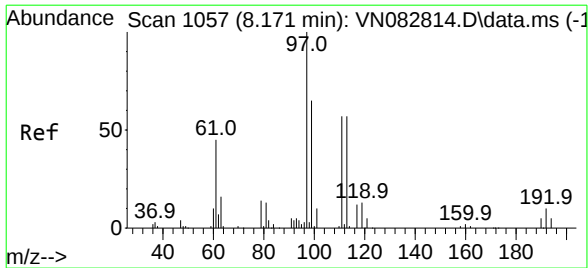
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

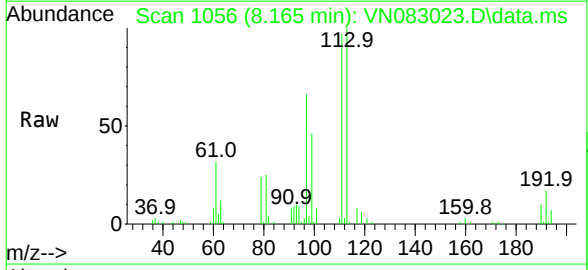
Tgt Ion:114 Resp: 302091
Ion Ratio Lower Upper
114 100
63 19.3 0.0 44.6
88 14.7 0.0 31.4





#35
Dibromofluoromethane
Concen: 54.261 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

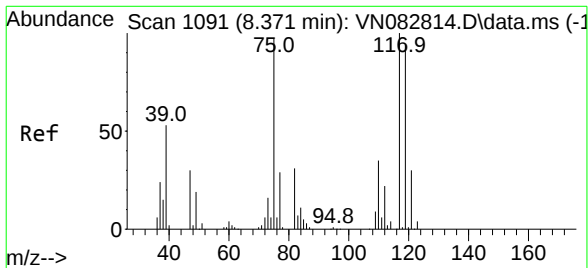
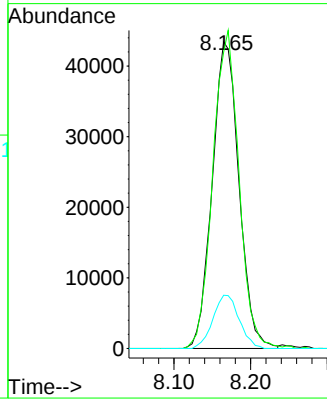
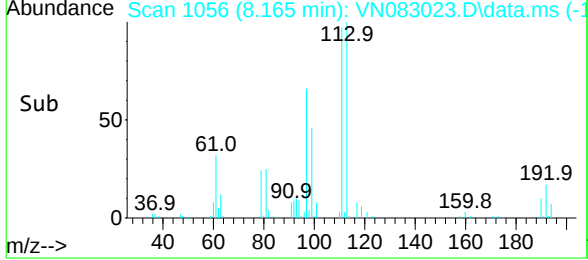
Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01



Tgt Ion: 113 Resp: 105181
Ion Ratio Lower Upper
113 100
111 101.2 82.4 123.6
192 17.1 14.9 22.3

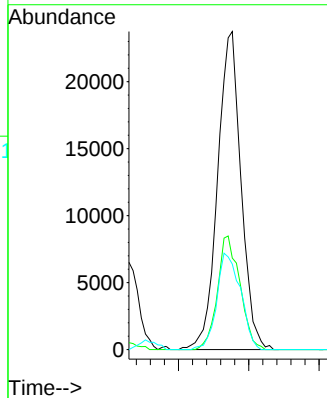
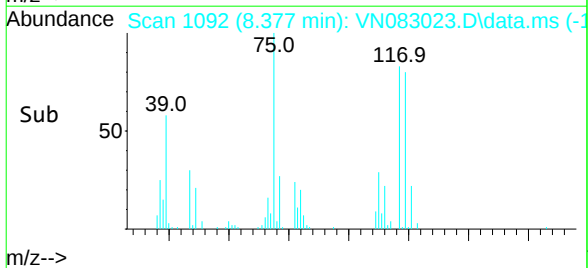
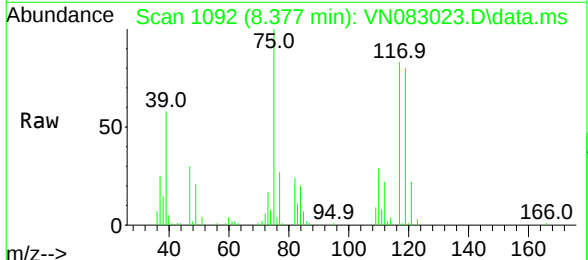
Manual Integrations
APPROVED

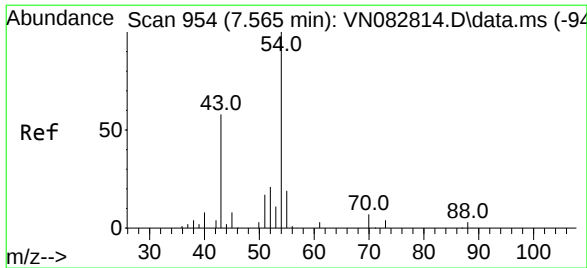
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#36
1,1-Dichloropropene
Concen: 20.581 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Tgt Ion: 75 Resp: 55006
Ion Ratio Lower Upper
75 100
110 34.2 16.3 48.9
77 30.6 24.6 37.0





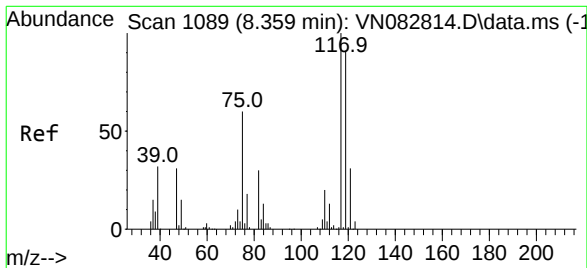
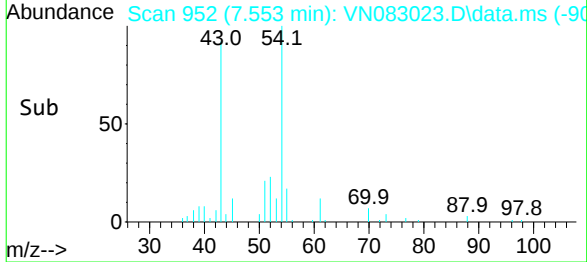
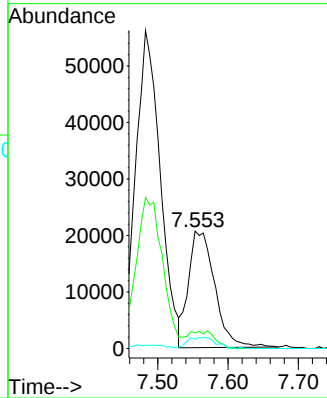
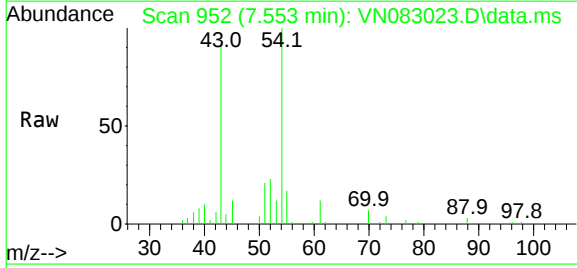
#37
Ethyl Acetate
Concen: 19.737 ug/l
RT: 7.553 min Scan# 954
Delta R.T. -0.012 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01

Tgt Ion: 43 Resp: 53705
Ion Ratio Lower Upper
43 100
61 0.0 9.3 13.9#
70 10.2 7.0 10.6

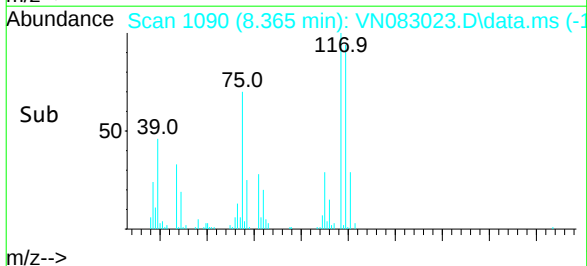
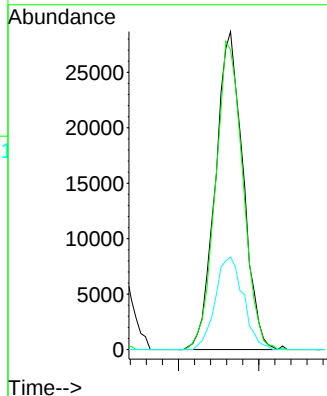
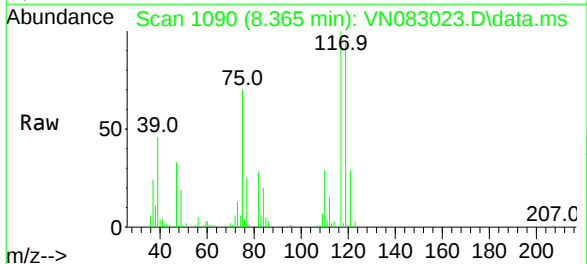
Manual Integrations
APPROVED

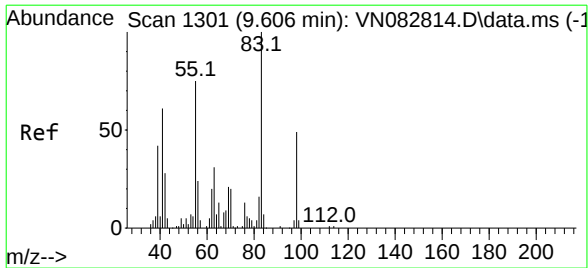
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#38
Carbon Tetrachloride
Concen: 21.196 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Tgt Ion:117 Resp: 68207
Ion Ratio Lower Upper
117 100
119 94.3 74.9 112.3
121 29.1 24.3 36.5





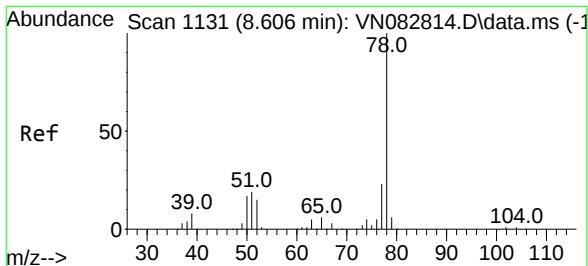
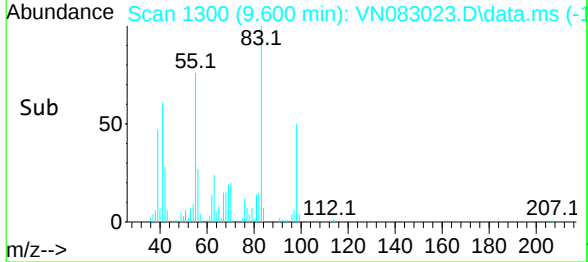
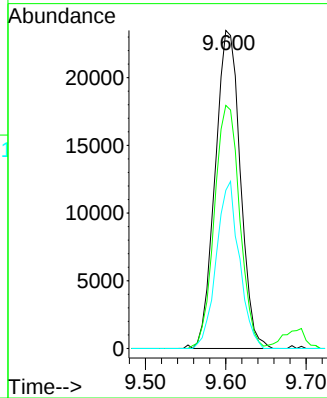
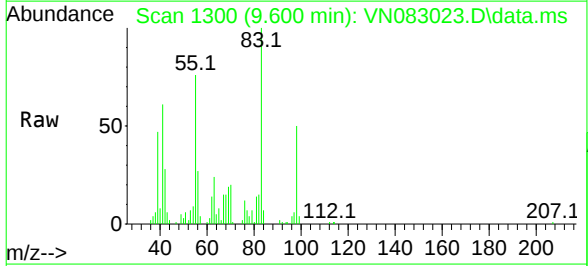
#39
Methylcyclohexane
Concen: 17.716 ug/l
RT: 9.600 min Scan# 1301
Delta R.T. -0.006 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.4	66.4	99.6
98	49.7	40.7	61.1

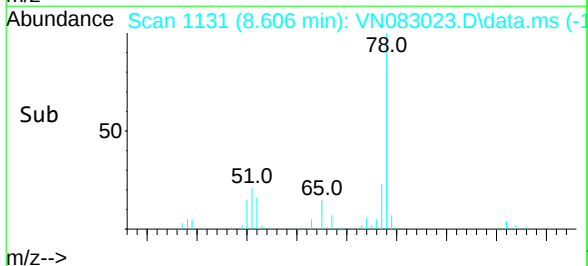
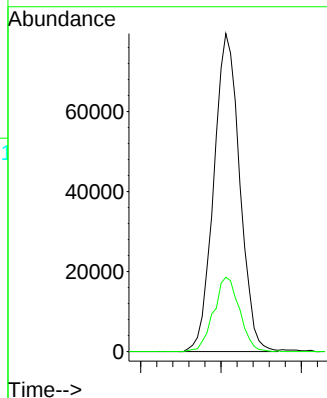
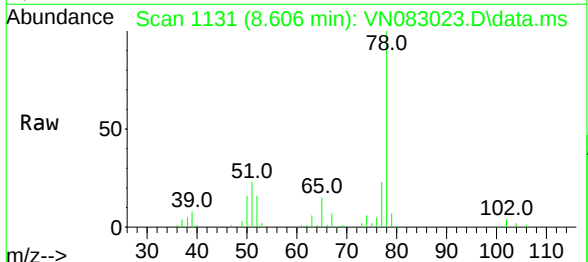
Manual Integrations
APPROVED

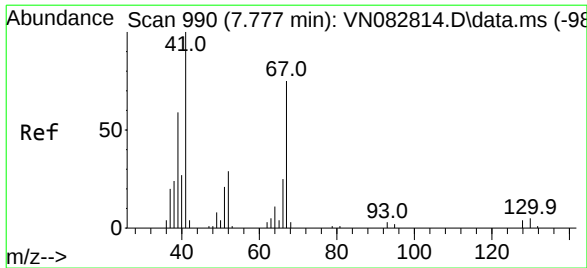
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#40
Benzene
Concen: 21.710 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4





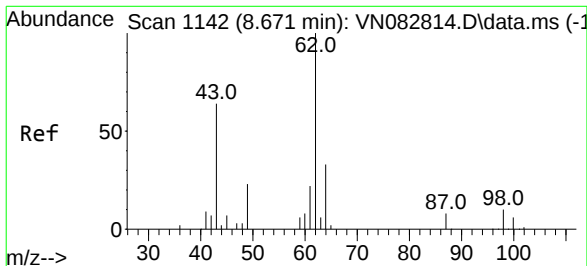
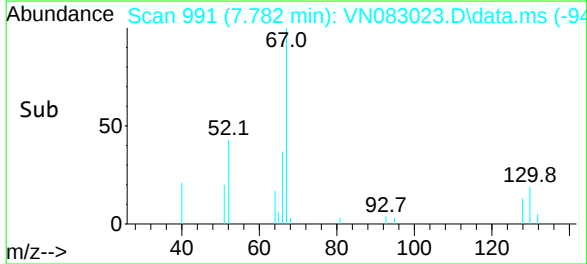
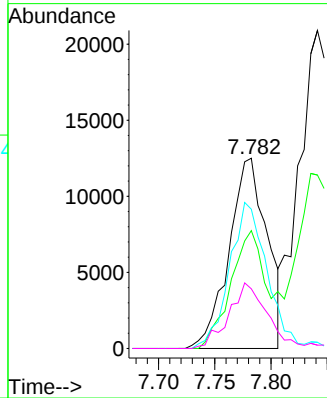
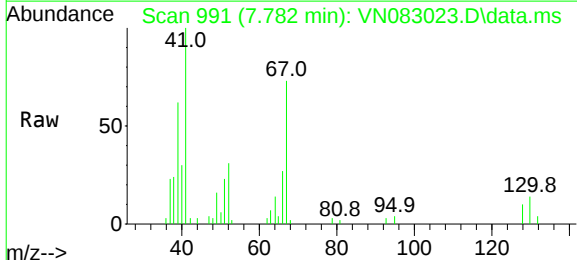
#41
Methacrylonitrile
Concen: 20.100 ug/l
RT: 7.782 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01

Tgt Ion: 41	Resp: 29465
Ion Ratio	Lower Upper
41 100	
39 54.5	45.5 68.3
67 75.0	50.5 75.7
52 34.3	24.0 36.0

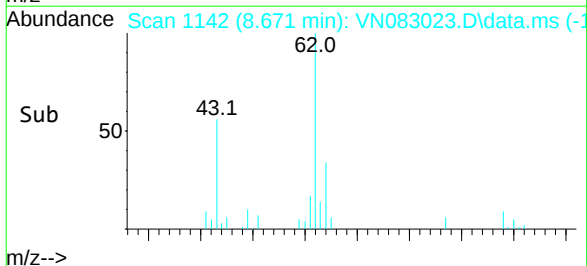
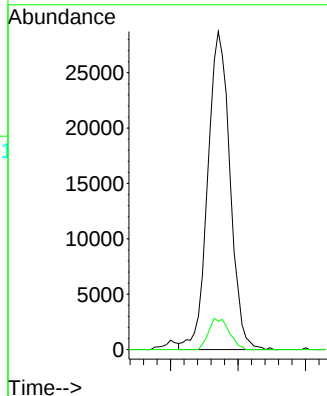
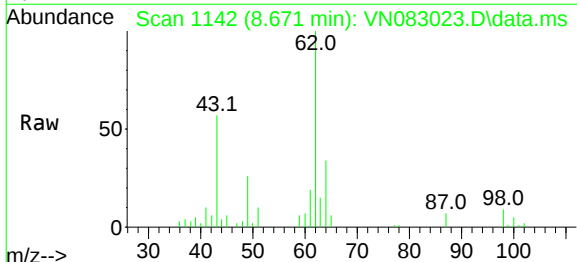
Manual Integrations
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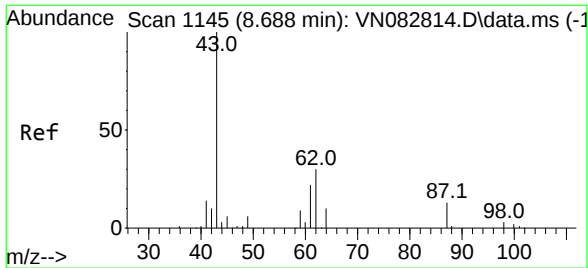
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#42
1,2-Dichloroethane
Concen: 22.242 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Tgt Ion: 62	Resp: 65827
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 15.8





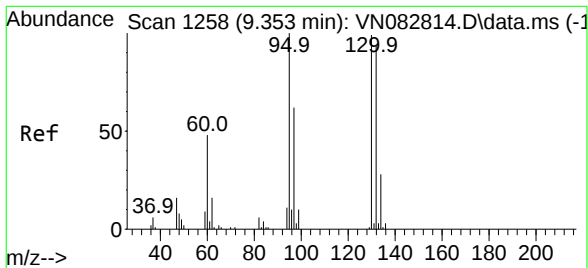
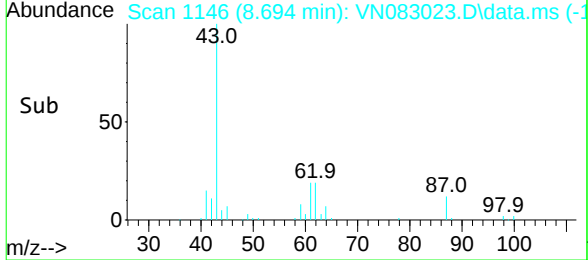
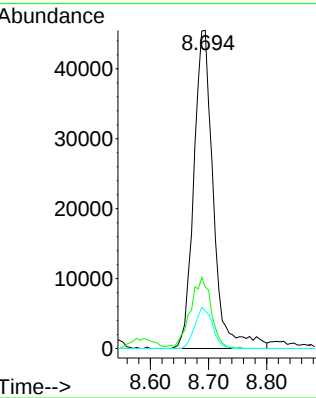
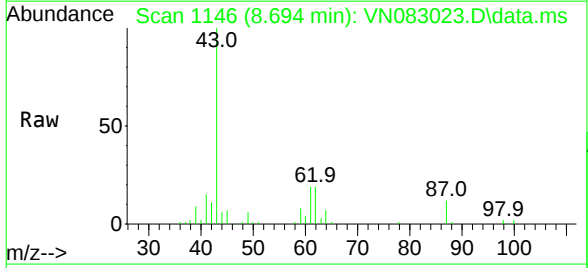
#43
Isopropyl Acetate
Concen: 18.861 ug/l
RT: 8.694 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01

Tgt Ion: 43 Resp: 106250
Ion Ratio Lower Upper
43 100
61 23.9 17.8 26.6
87 11.7 8.2 12.2

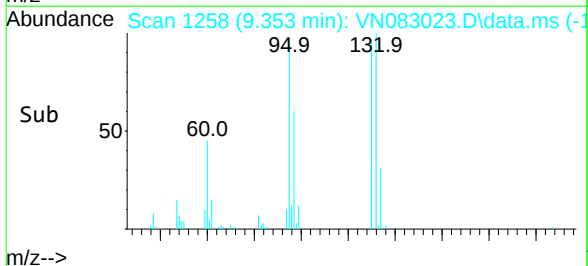
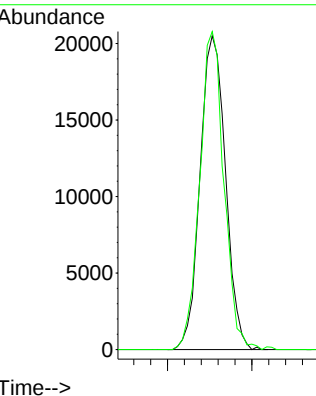
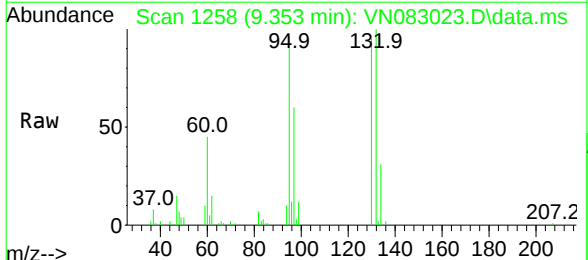
Manual Integrations
APPROVED

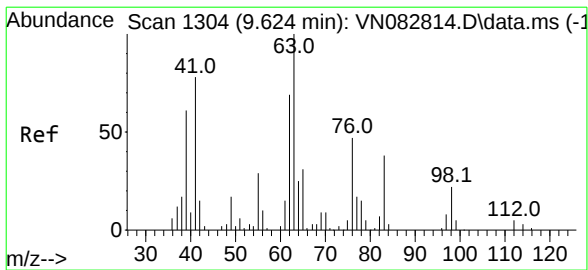
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#44
Trichloroethene
Concen: 20.366 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Tgt Ion:130 Resp: 42894
Ion Ratio Lower Upper
130 100
95 101.4 0.0 197.8





#45

1,2-Dichloropropane

Concen: 23.650 ug/l

RT: 9.624 min Scan# 1318

Delta R.T. 0.001 min

Lab File: VN083023.D

Acq: 24 Jul 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0724WBS01

Tgt Ion: 63 Resp: 45392

Ion Ratio Lower Upper

63 100

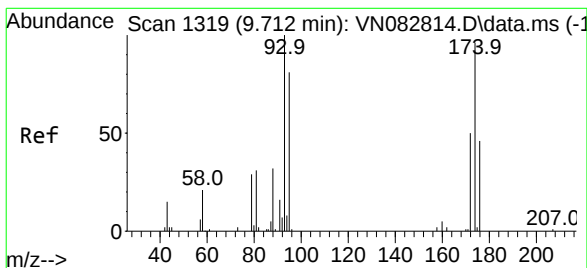
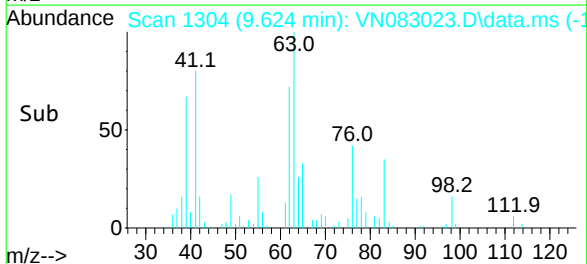
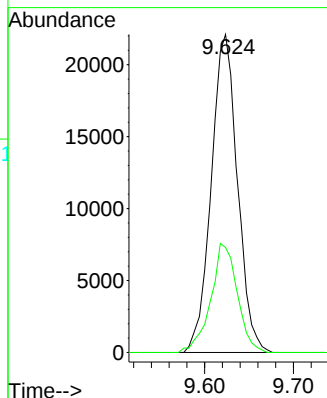
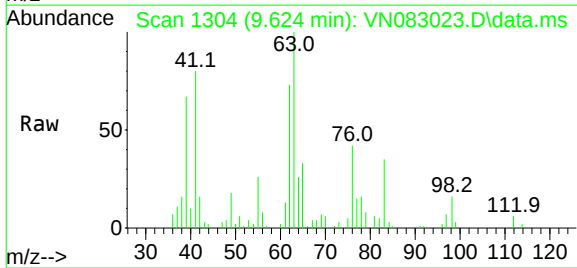
65 33.0 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2024

Supervised By :Mahesh Dadoda 07/25/2024



#46

Dibromomethane

Concen: 21.607 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN083023.D

Acq: 24 Jul 2024 12:21

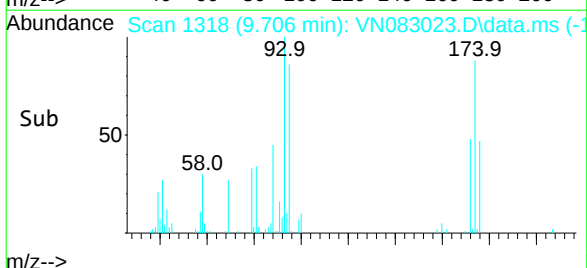
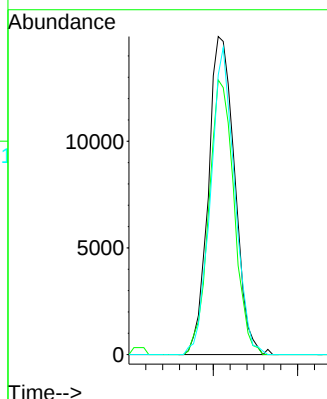
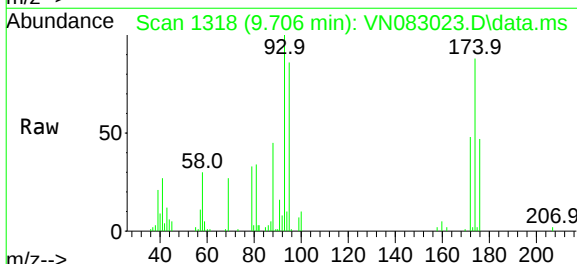
Tgt Ion: 93 Resp: 32308

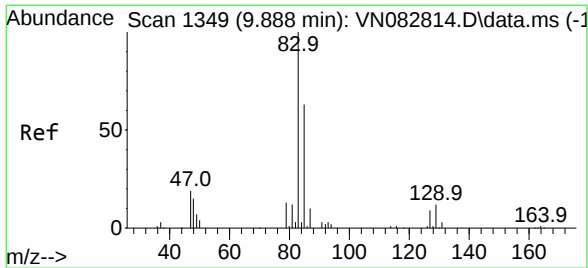
Ion Ratio Lower Upper

93 100

95 82.4 65.8 98.6

174 88.2 71.7 107.5





#47
 Bromodichloromethane
 Concen: 23.193 ug/l
 RT: 9.888 min Scan# 1349
 Delta R.T. 0.000 min
 Lab File: VN083023.D
 Acq: 24 Jul 2024 12:21

Instrument :

MSVOA_N

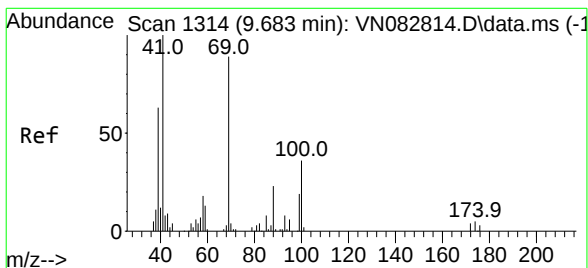
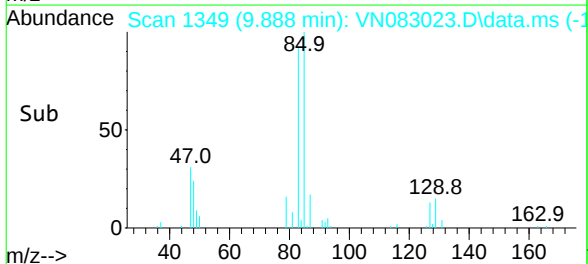
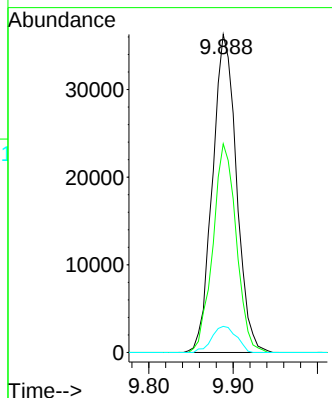
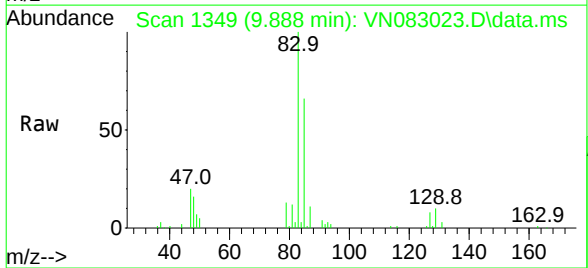
ClientSampleId :

VN0724WBS01

Tgt Ion:	83	Resp:	71655
Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.1	76.7
127	8.2	7.2	10.8

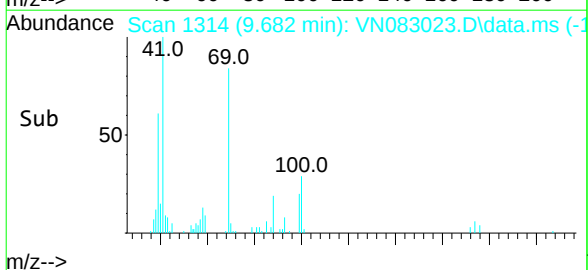
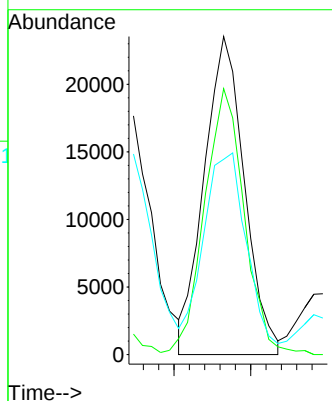
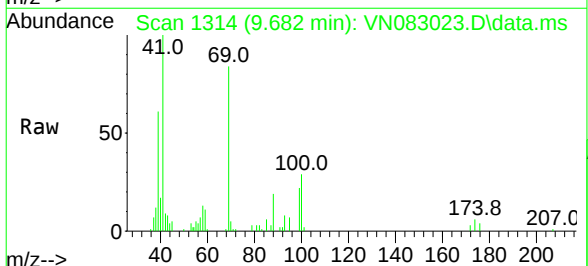
Manual Integrations
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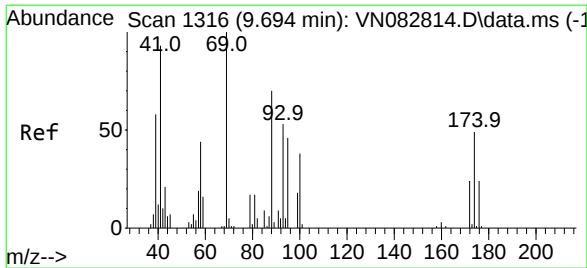
Reviewed By :John Carlone 07/25/2024
 Supervised By :Mahesh Dadoda 07/25/2024



#48
 Methyl methacrylate
 Concen: 20.114 ug/l
 RT: 9.682 min Scan# 1314
 Delta R.T. 0.000 min
 Lab File: VN083023.D
 Acq: 24 Jul 2024 12:21

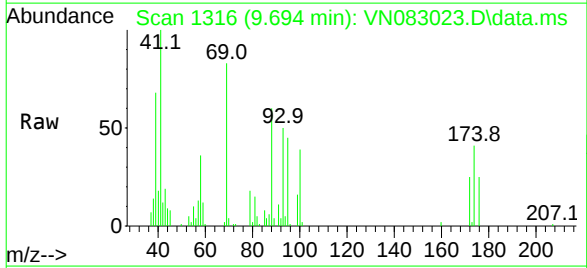
Tgt Ion:	41	Resp:	42913
Ion	Ratio	Lower	Upper
41	100		
69	82.7	56.3	84.5
39	68.9	50.3	75.5





#49
1,4-Dioxane
Concen: 365.627 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

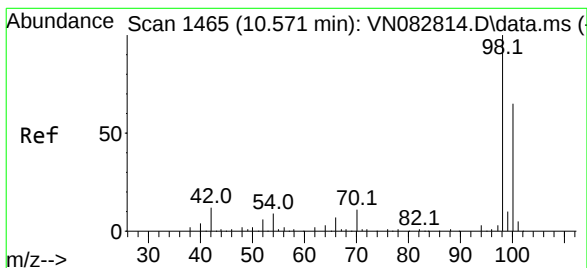
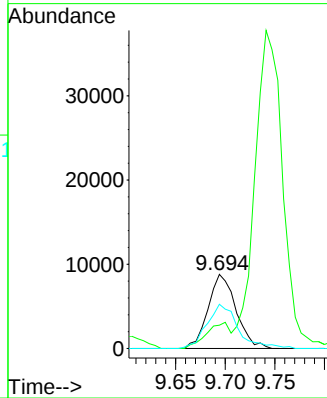
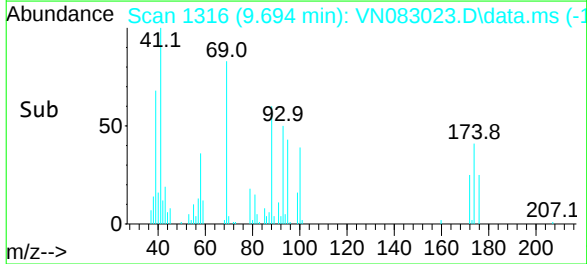
Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01



Tgt Ion: 88 Resp: 17210
Ion Ratio Lower Upper
88 100
43 29.9 27.8 41.8
58 67.0 59.4 89.0

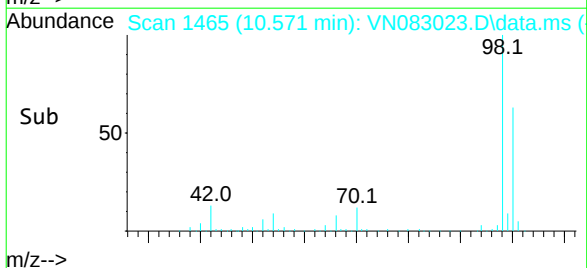
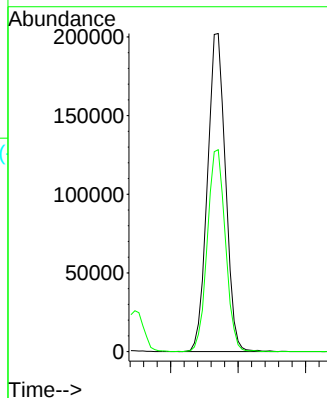
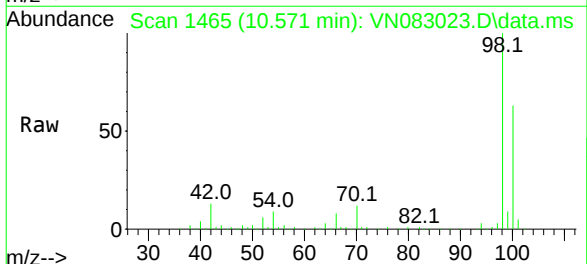
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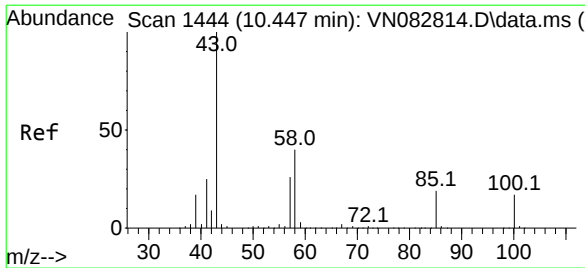
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#50
Toluene-d8
Concen: 52.518 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Tgt Ion: 98 Resp: 376007
Ion Ratio Lower Upper
98 100
100 63.5 51.5 77.3





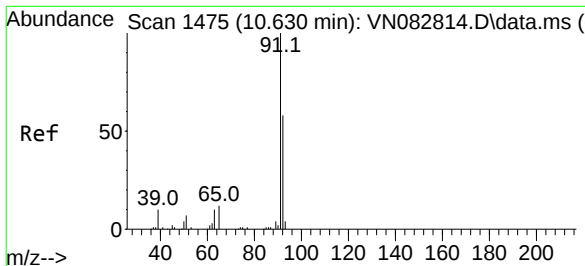
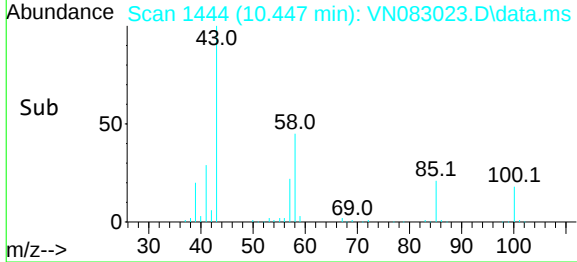
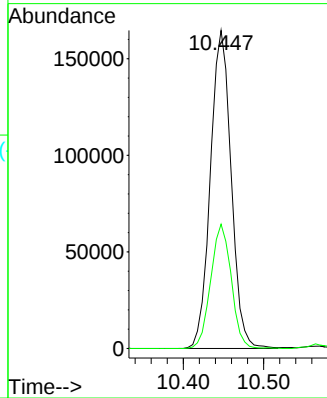
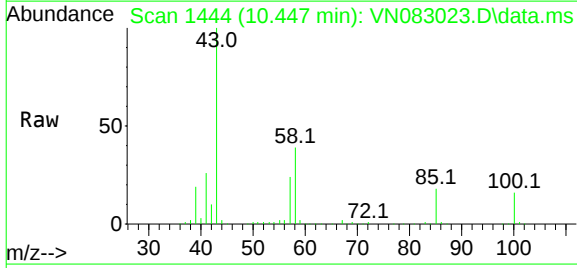
#51
4-Methyl-2-Pentanone
Concen: 109.861 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01

Tgt Ion: 43 Resp: 296351
Ion Ratio Lower Upper
43 100
58 38.5 28.2 42.4

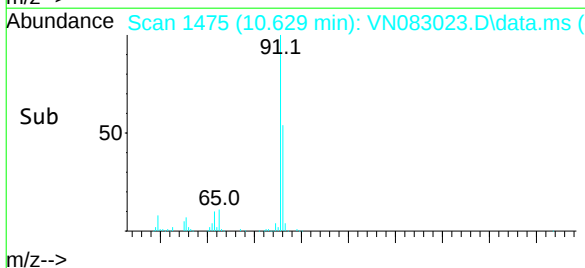
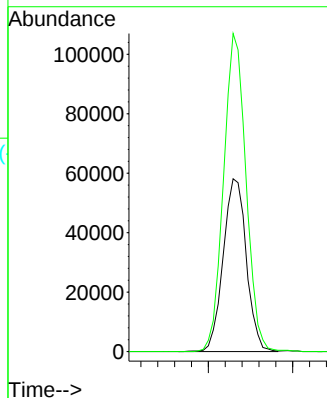
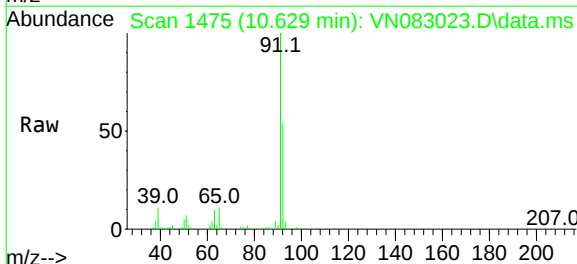
Manual Integrations
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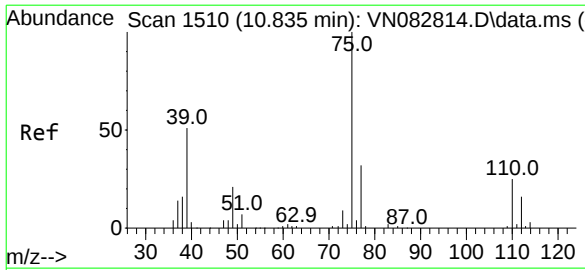
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#52
Toluene
Concen: 21.573 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

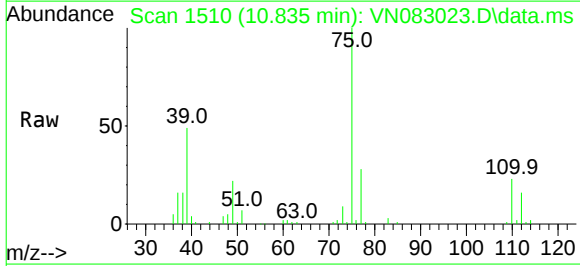
Tgt Ion: 92 Resp: 110787
Ion Ratio Lower Upper
92 100
91 178.4 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 21.434 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

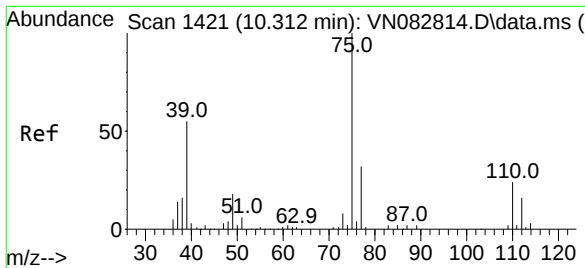
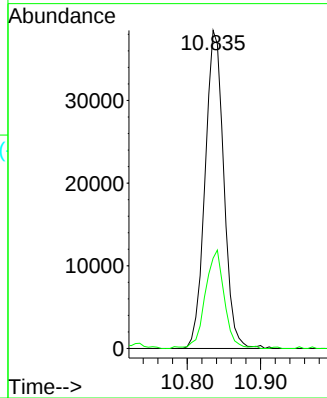
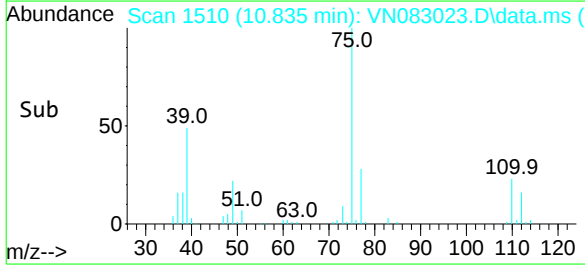
Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01



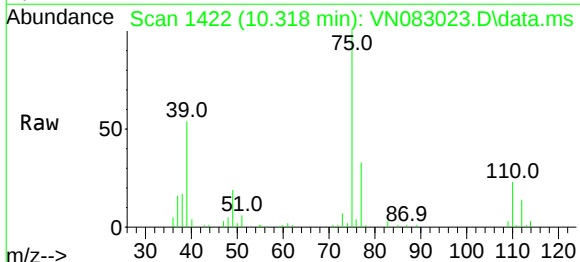
Tgt Ion: 75 Resp: 68220
Ion Ratio Lower Upper
75 100
77 27.9 25.7 38.5

Manual Integrations
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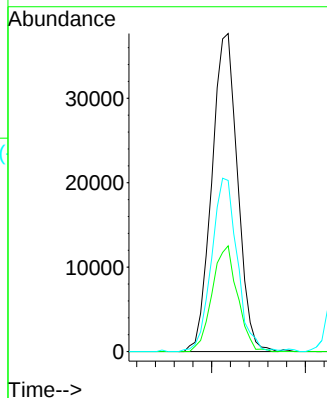
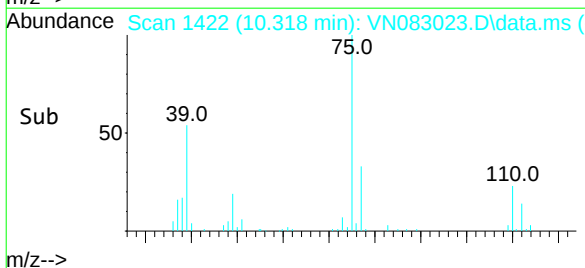
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024

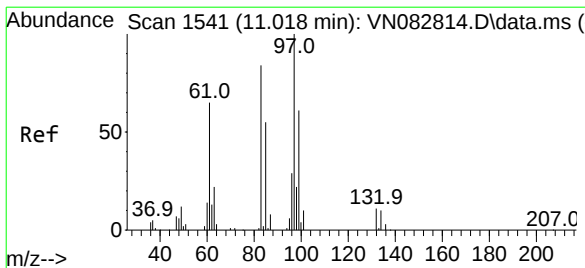


#54
cis-1,3-Dichloropropene
Concen: 21.362 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21



Tgt Ion: 75 Resp: 71967
Ion Ratio Lower Upper
75 100
77 33.2 24.3 36.5
39 53.8 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 24.303 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN083023.D

Acq: 24 Jul 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0724WBS01

Tgt Ion: 97 Resp: 45893

Ion Ratio Lower Upper

97 100

83 85.8 71.4 107.0

85 61.9 45.8 68.6

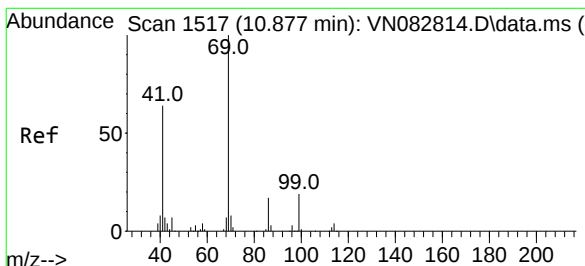
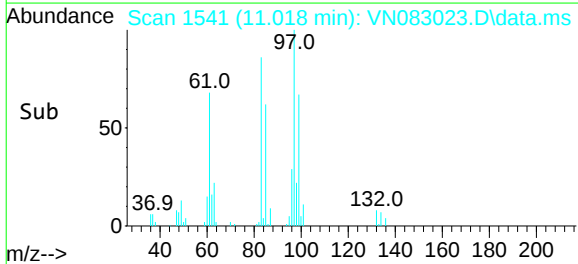
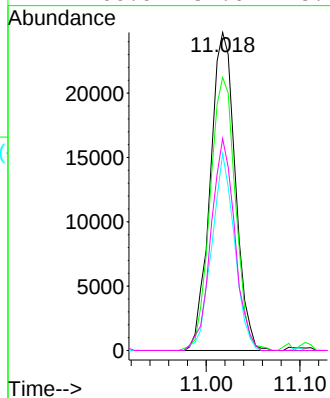
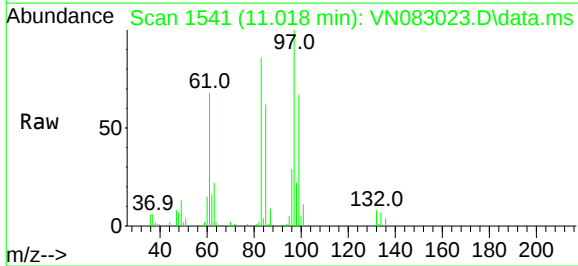
99 66.6 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2024

Supervised By :Mahesh Dadoda 07/25/2024



#56

Ethyl methacrylate

Concen: 21.273 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN083023.D

Acq: 24 Jul 2024 12:21

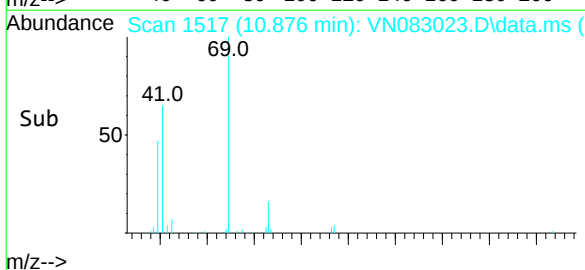
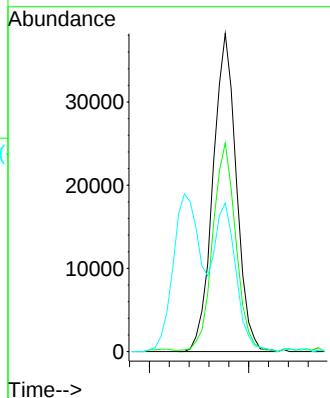
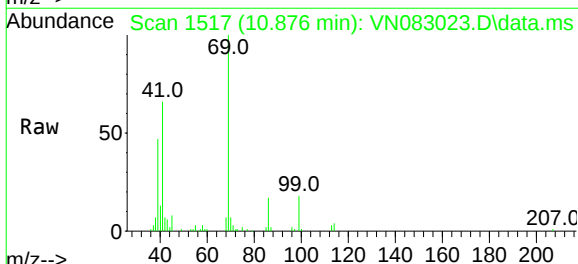
Tgt Ion: 69 Resp: 62500

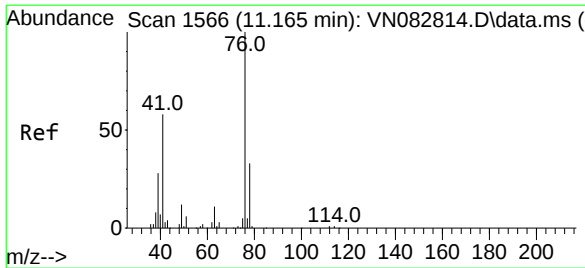
Ion Ratio Lower Upper

69 100

41 65.0 63.4 95.2

39 43.1 37.4 56.0





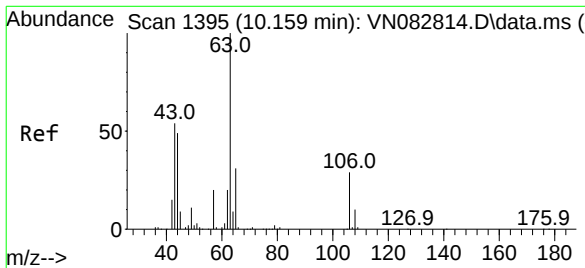
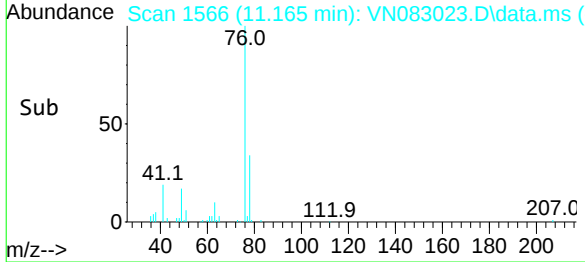
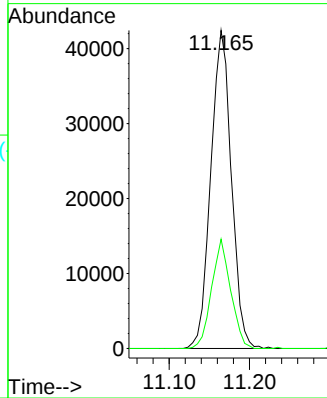
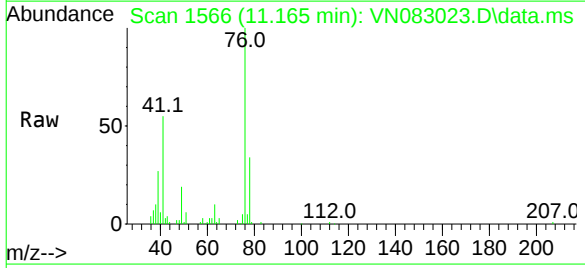
#57
1,3-Dichloropropane
Concen: 22.582 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01

Tgt Ion: 76 Resp: 75486
Ion Ratio Lower Upper
76 100
78 31.9 25.6 38.4

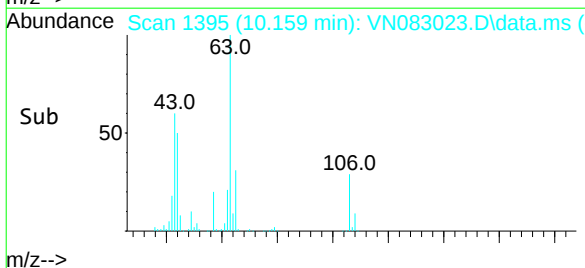
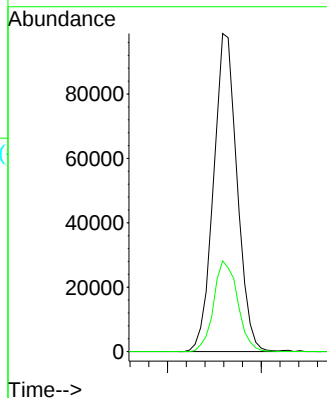
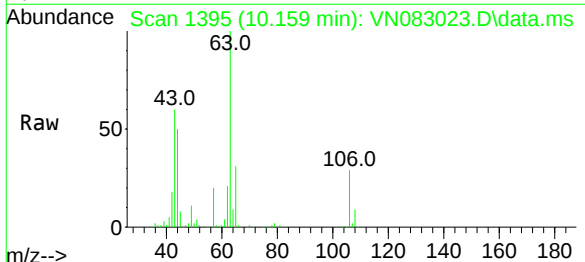
Manual Integrations
APPROVED

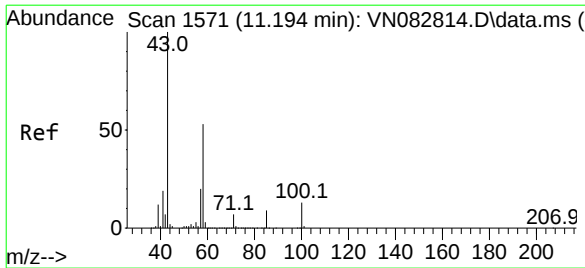
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#58
2-Chloroethyl Vinyl ether
Concen: 114.386 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Tgt Ion: 63 Resp: 172442
Ion Ratio Lower Upper
63 100
106 29.0 21.4 32.0





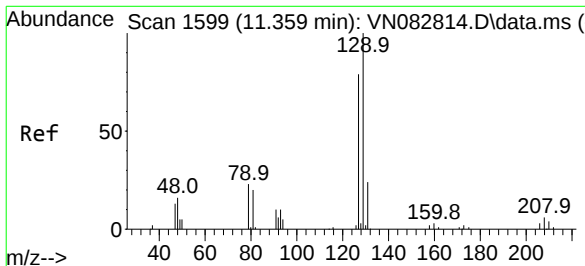
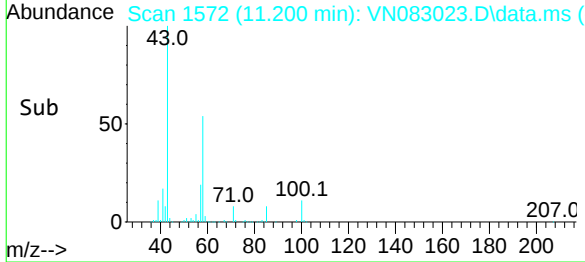
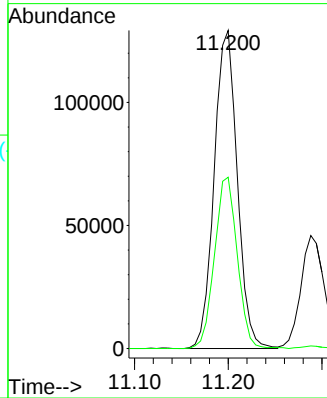
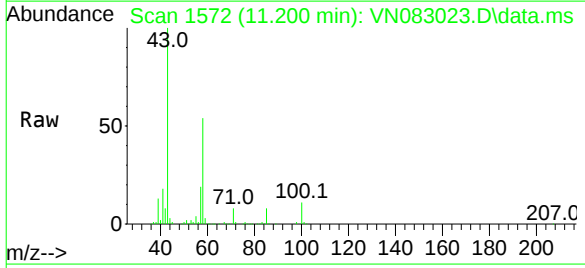
#59
2-Hexanone
Concen: 110.360 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01

Tgt Ion: 43 Resp: 221333
Ion Ratio Lower Upper
43 100
58 53.1 24.6 73.8

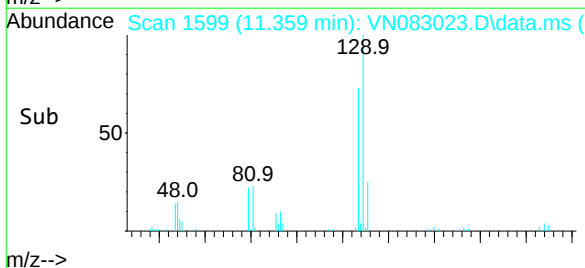
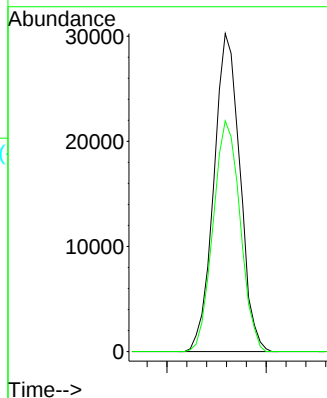
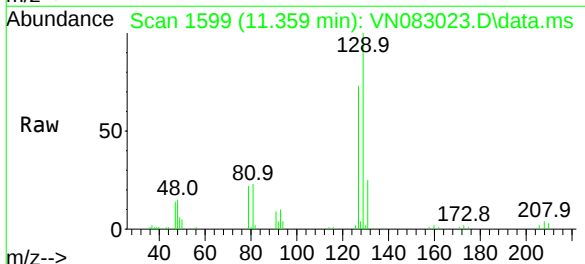
Manual Integrations
APPROVED

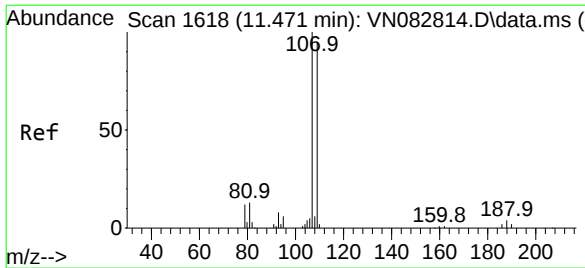
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#60
Dibromochloromethane
Concen: 23.008 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Tgt Ion:129 Resp: 55340
Ion Ratio Lower Upper
129 100
127 75.0 39.2 117.6





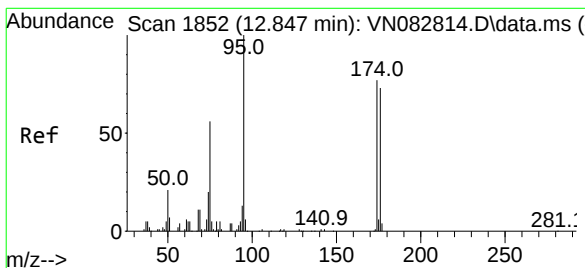
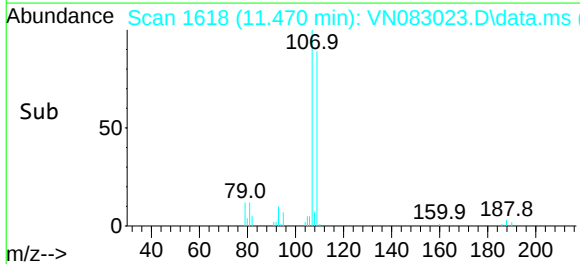
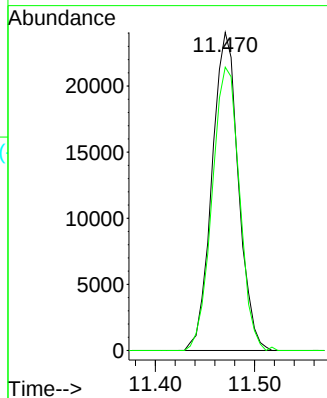
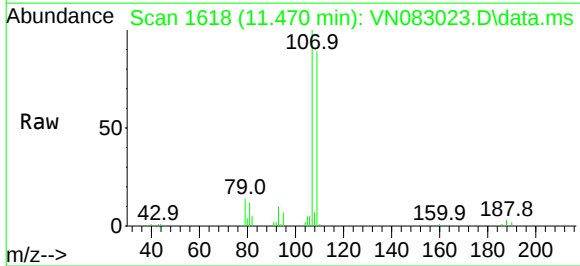
#61
1,2-Dibromoethane
Concen: 22.201 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01

Tgt Ion: 107 Resp: 44522
Ion Ratio Lower Upper
107 100
109 92.2 73.7 110.5

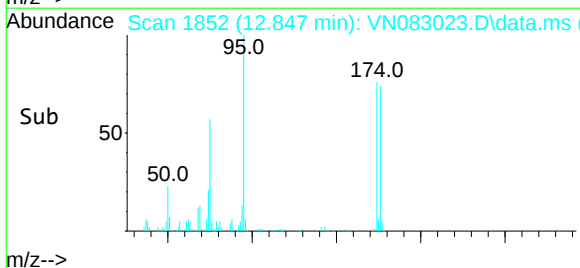
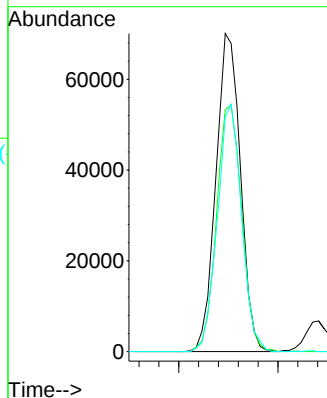
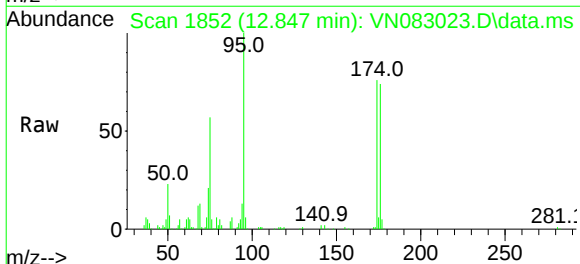
Manual Integrations
APPROVED

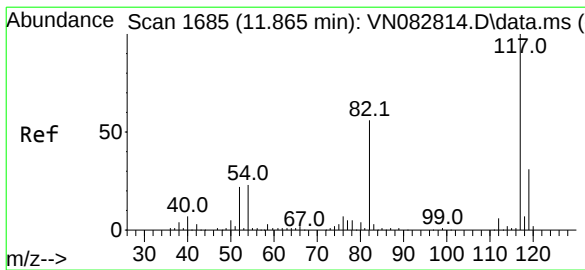
Reviewed By : John Carlone 07/25/2024
Supervised By : Mahesh Dadoda 07/25/2024



#62
4-Bromofluorobenzene
Concen: 46.830 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

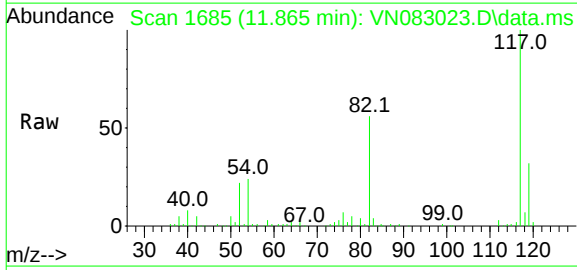
Tgt Ion: 95 Resp: 120437
Ion Ratio Lower Upper
95 100
174 79.1 0.0 159.2
176 76.8 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.005 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

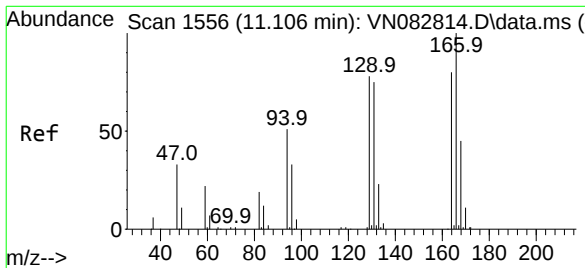
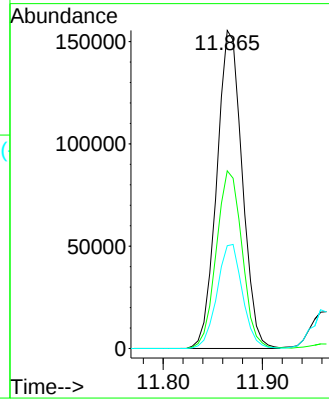
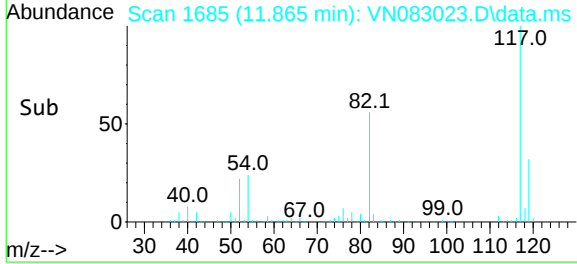
Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01



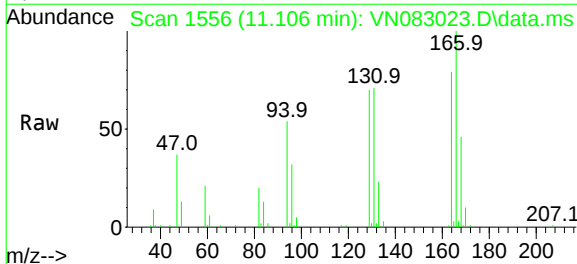
Tgt Ion:117 Resp: 276804
Ion Ratio Lower Upper
117 100
82 55.9 47.5 71.3
119 32.3 25.6 38.4

Manual Integrations
APPROVED

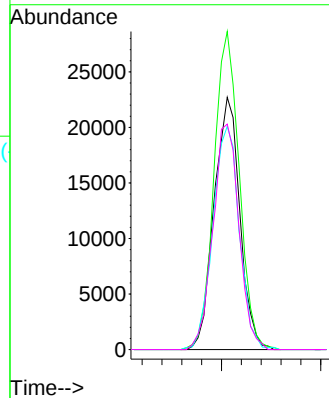
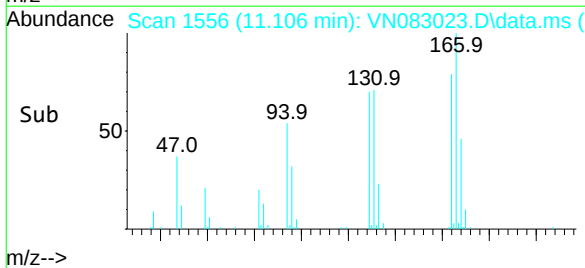
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024

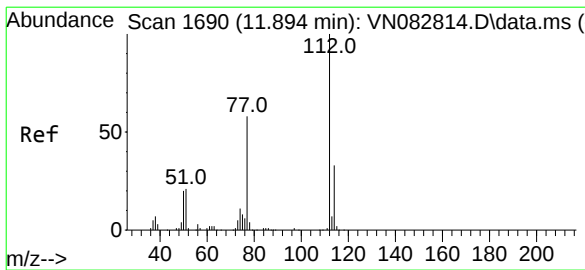


#64
Tetrachloroethene
Concen: 19.806 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21



Tgt Ion:164 Resp: 40902
Ion Ratio Lower Upper
164 100
166 126.1 101.4 152.0
129 88.5 75.7 113.5
131 89.4 73.8 110.6





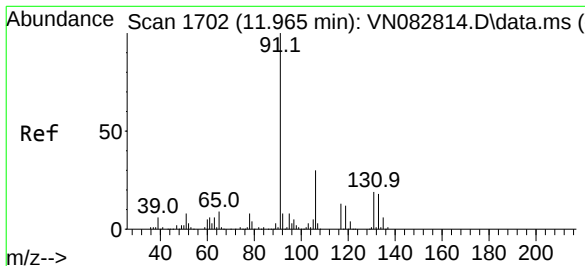
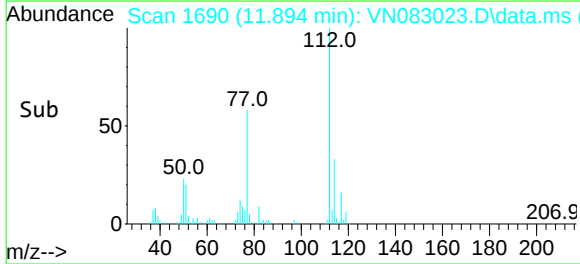
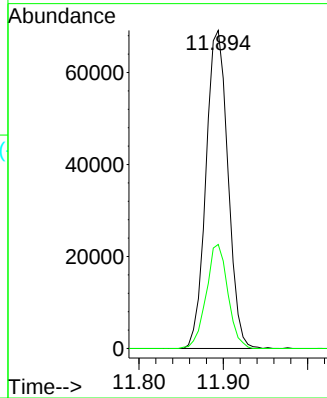
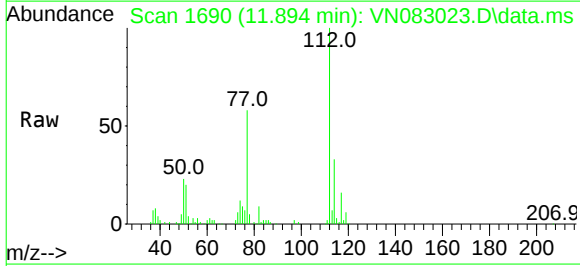
#65
Chlorobenzene
Concen: 21.108 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01

Tgt Ion:112 Resp: 125199
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2

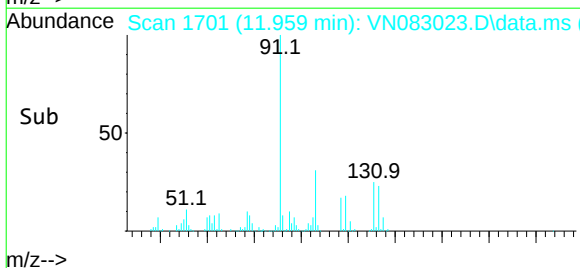
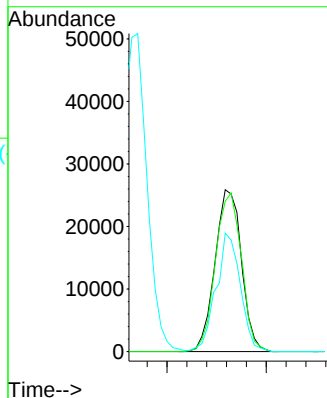
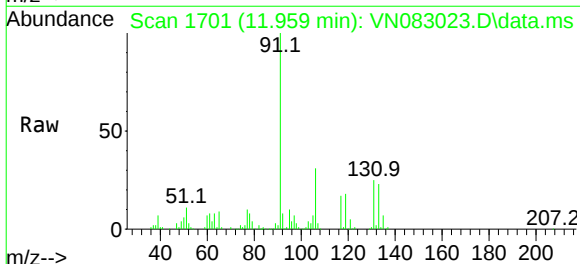
Manual Integrations
APPROVED

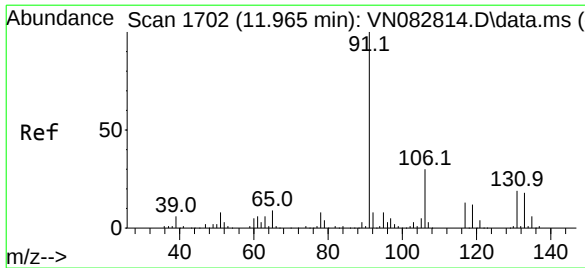
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 22.738 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.005 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Tgt Ion:131 Resp: 47974
Ion Ratio Lower Upper
131 100
133 96.3 47.3 142.0
119 67.1 32.5 97.4





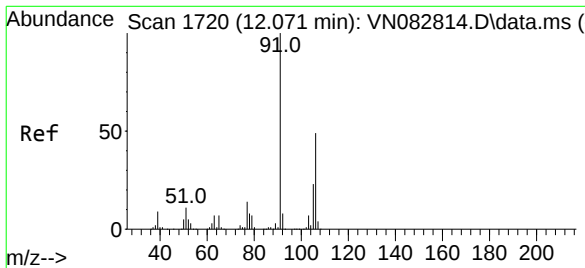
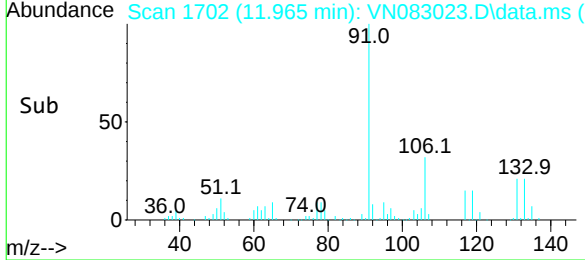
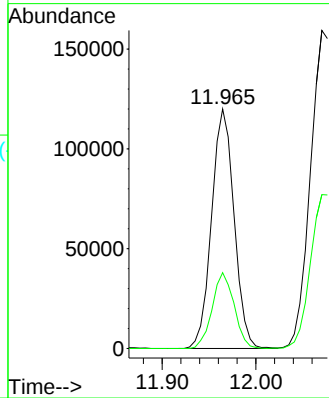
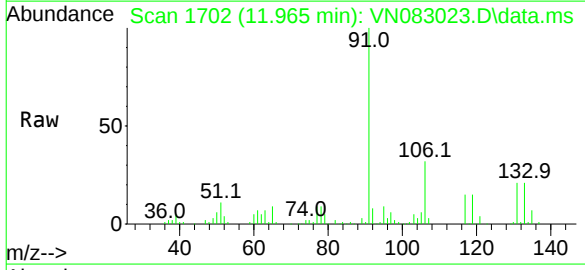
#67
Ethyl Benzene
Concen: 20.066 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01

Tgt Ion: 91 Resp: 200041
Ion Ratio Lower Upper
91 100
106 31.6 24.0 36.0

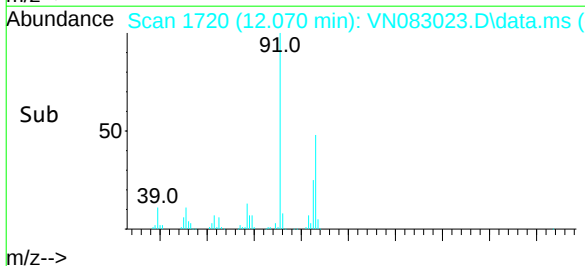
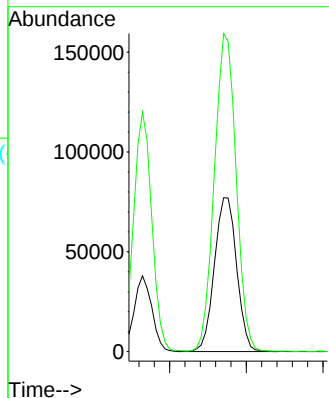
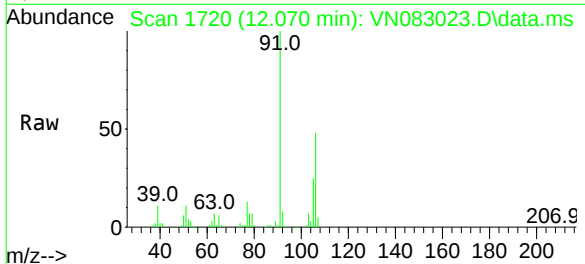
Manual Integrations
APPROVED

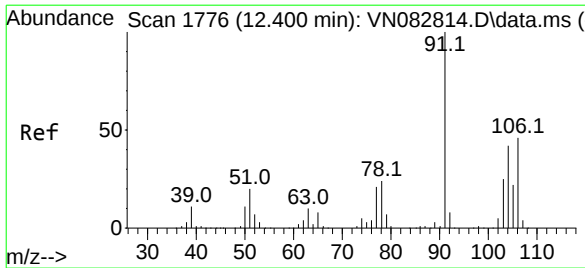
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#68
m/p-Xylenes
Concen: 41.314 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Tgt Ion:106 Resp: 155492
Ion Ratio Lower Upper
106 100
91 202.5 166.1 249.1





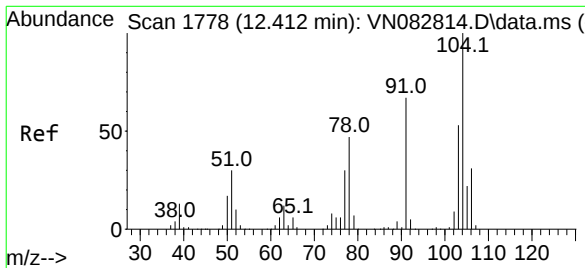
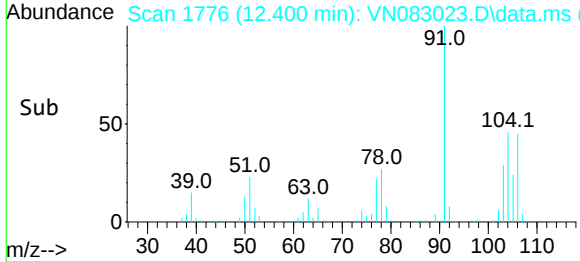
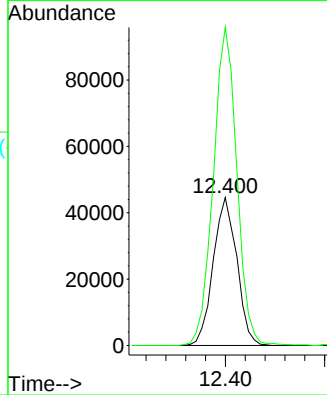
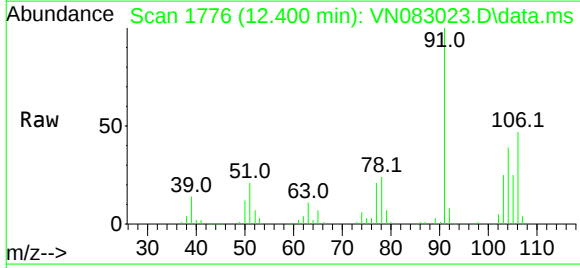
#69
o-Xylene
Concen: 20.438 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01

Tgt Ion:106 Resp: 73705
Ion Ratio Lower Upper
106 100
91 214.8 111.3 333.9

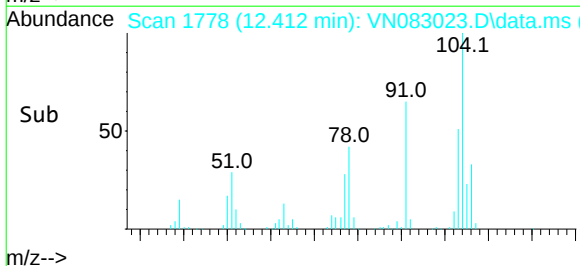
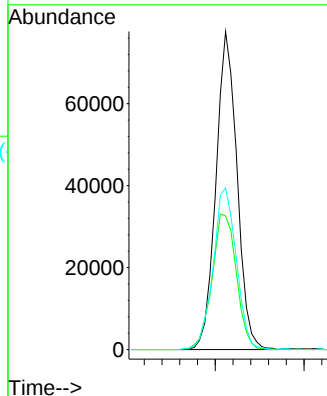
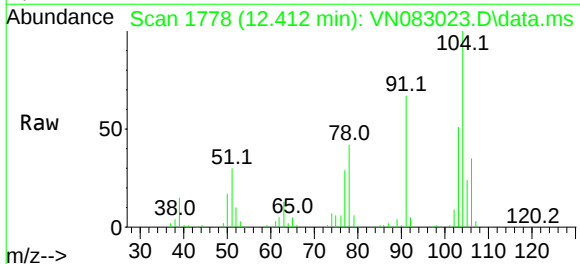
Manual Integrations
APPROVED

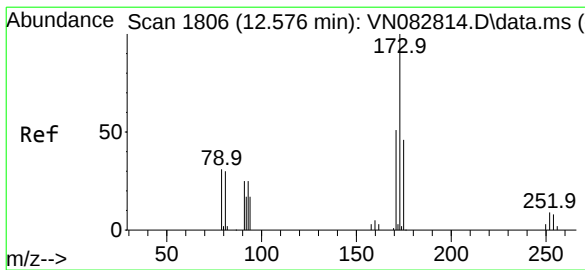
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#70
Styrene
Concen: 21.490 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Tgt Ion:104 Resp: 128052
Ion Ratio Lower Upper
104 100
78 49.1 41.6 62.4
103 55.9 44.0 66.0





#71

Bromoform

Concen: 21.794 ug/l

RT: 12.582 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN083023.D

Acq: 24 Jul 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0724WBS01

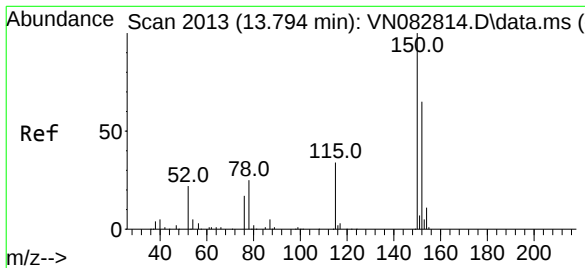
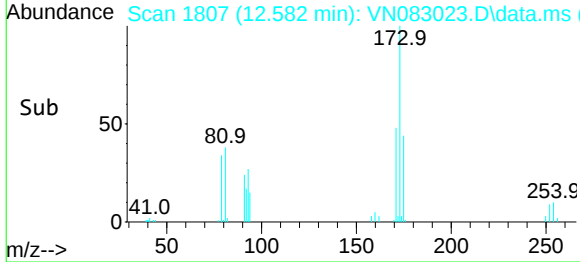
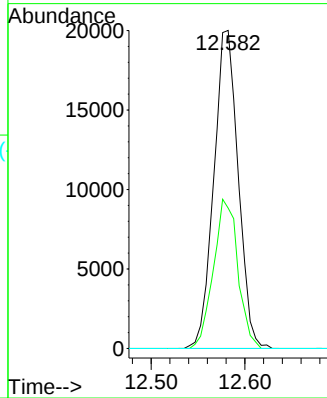
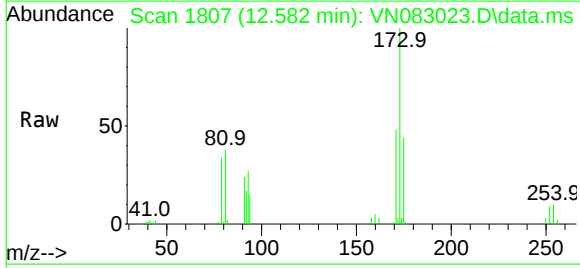
Tgt Ion:	173	Resp:	36161
Ion Ratio	Lower	Upper	
173	100		
175	47.1	24.0	72.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2024

Supervised By :Mahesh Dadoda 07/25/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

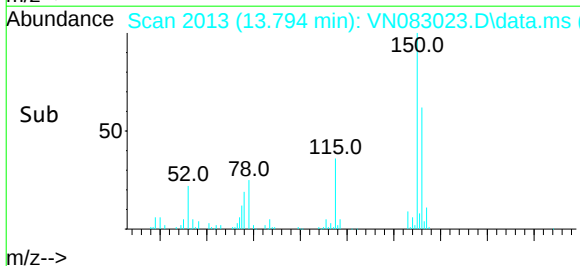
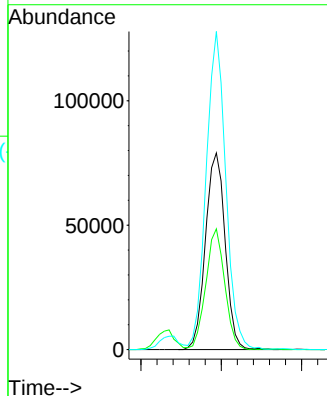
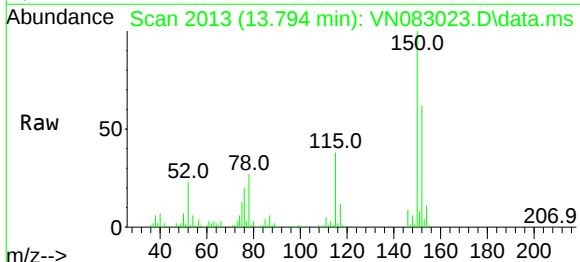
RT: 13.794 min Scan# 2013

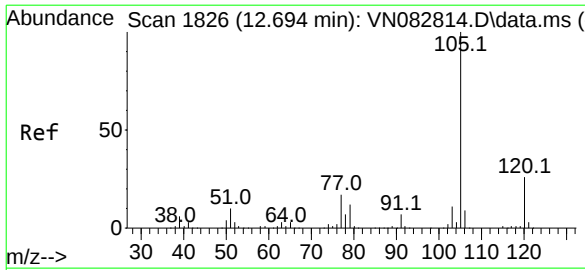
Delta R.T. -0.000 min

Lab File: VN083023.D

Acq: 24 Jul 2024 12:21

Tgt Ion:	152	Resp:	134662
Ion Ratio	Lower	Upper	
152	100		
115	59.0	30.6	91.6
150	160.5	0.0	348.6





#73

Isopropylbenzene

Concen: 18.953 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN083023.D

Acq: 24 Jul 2024 12:21

Tgt Ion: 105 Resp: 185461

Ion Ratio Lower Upper

105 100

120 25.4 12.9 38.6

Instrument :

MSVOA_N

ClientSampleId :

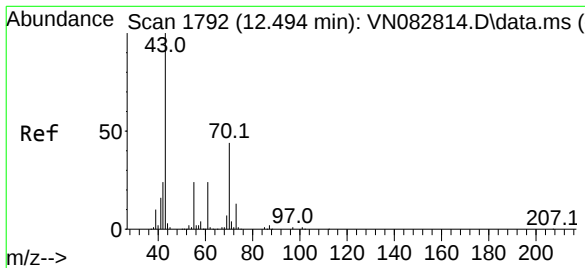
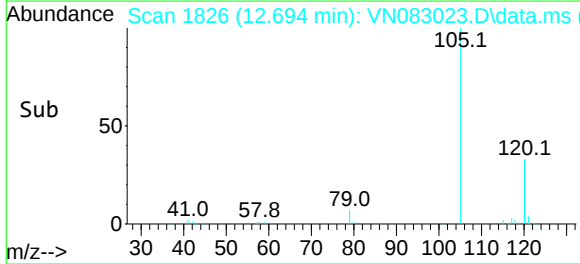
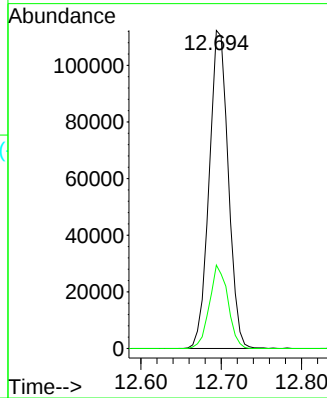
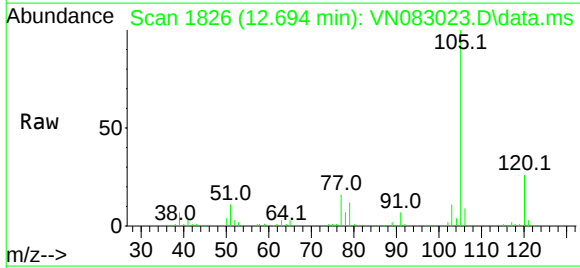
VN0724WBS01

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2024

Supervised By :Mahesh Dadoda 07/25/2024



#74

N-ethyl acetate

Concen: 19.181 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN083023.D

Acq: 24 Jul 2024 12:21

Tgt Ion: 43 Resp: 77633

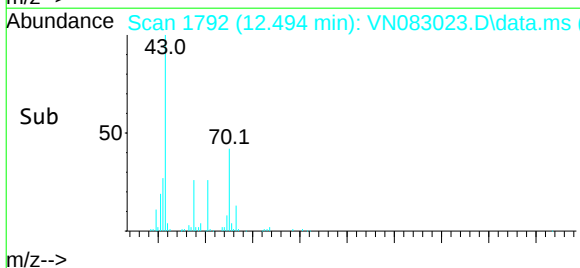
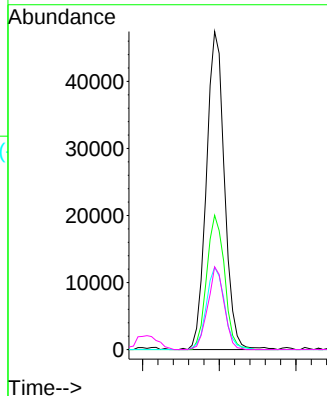
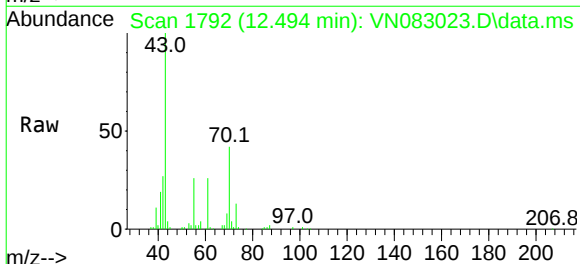
Ion Ratio Lower Upper

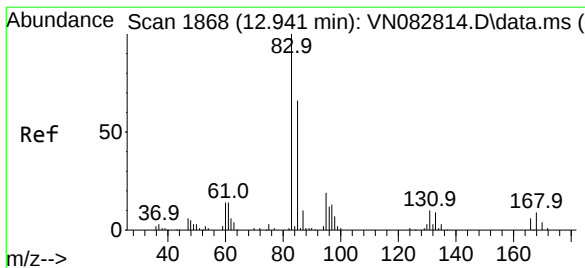
43 100

70 41.6 29.8 44.6

55 26.0 18.7 28.1

61 23.6 17.4 26.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.574 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN083023.D

Acq: 24 Jul 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0724WBS01

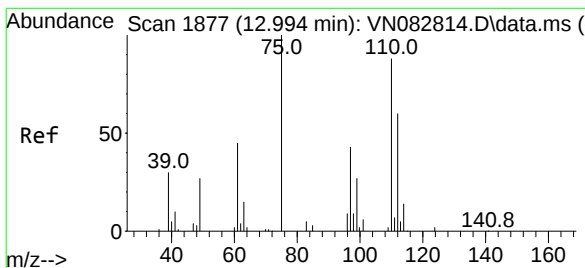
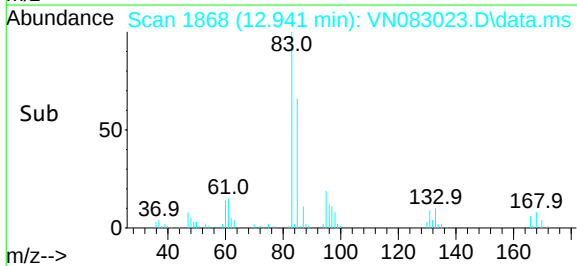
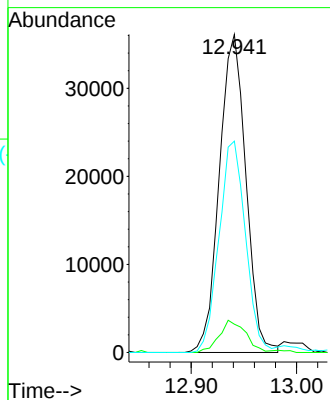
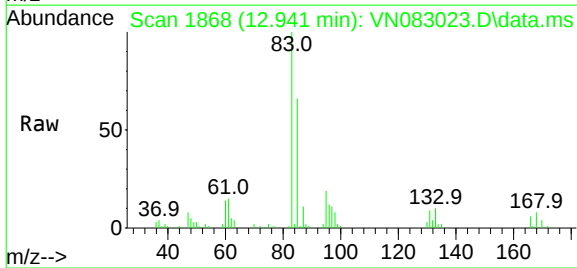
Tgt Ion:	83	Resp:	63225
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	14.9
85	66.2	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2024

Supervised By :Mahesh Dadoda 07/25/2024



#76

1,2,3-Trichloropropane

Concen: 24.048 ug/l m

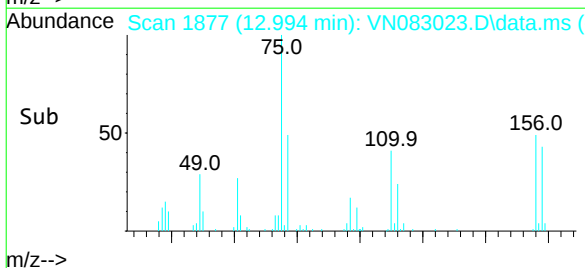
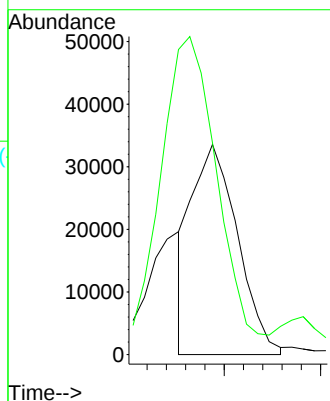
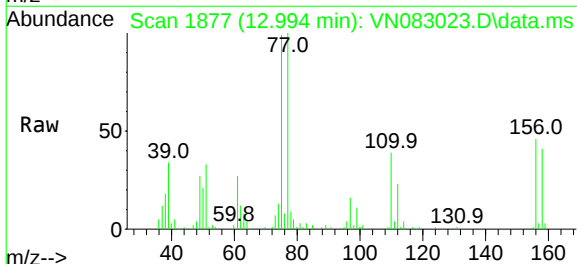
RT: 12.994 min Scan# 1877

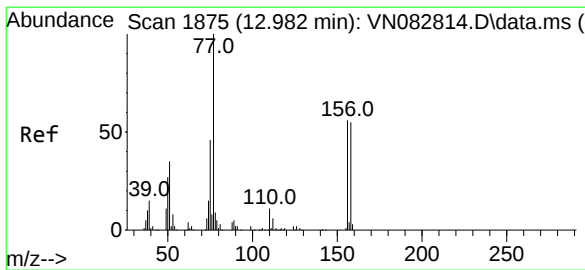
Delta R.T. -0.000 min

Lab File: VN083023.D

Acq: 24 Jul 2024 12:21

Tgt Ion:	75	Resp:	55830
Ion Ratio	Lower	Upper	
75	100		
77	189.8	110.9	332.6





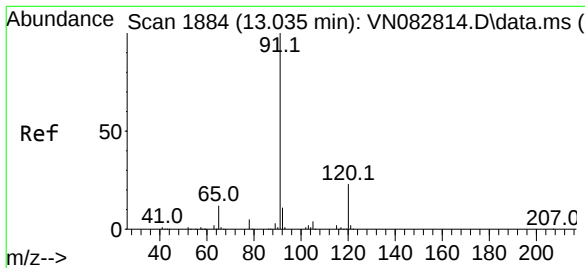
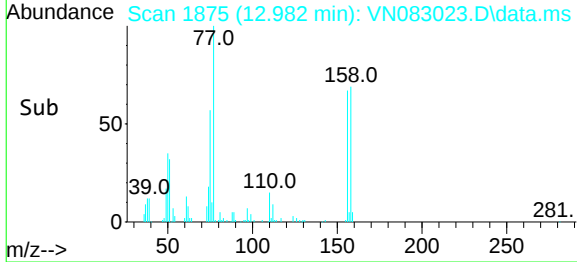
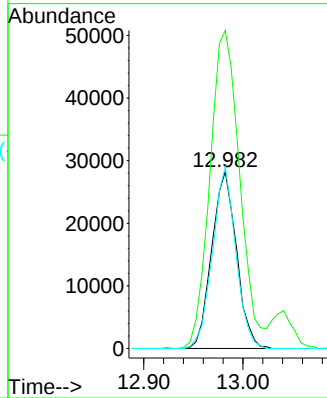
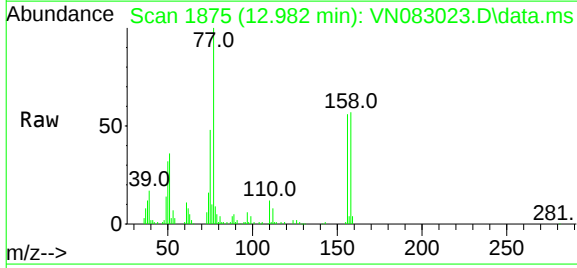
#77
Bromobenzene
Concen: 19.373 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01

Tgt Ion: 156 Resp: 48905
Ion Ratio Lower Upper
156 100
77 216.7 111.3 333.8
158 96.4 48.3 144.9

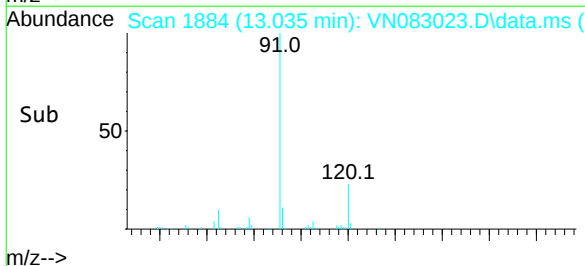
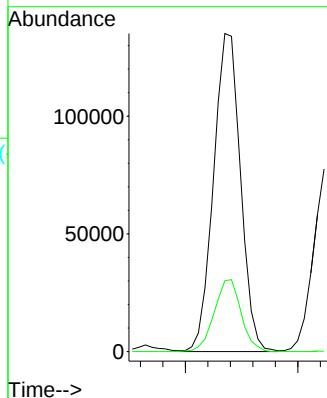
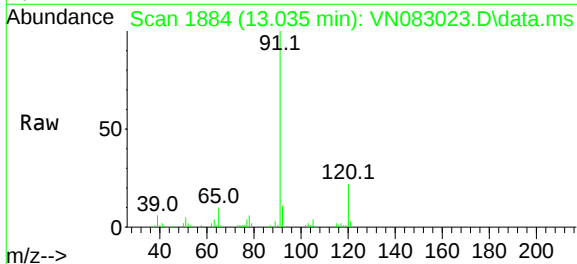
Manual Integrations
APPROVED

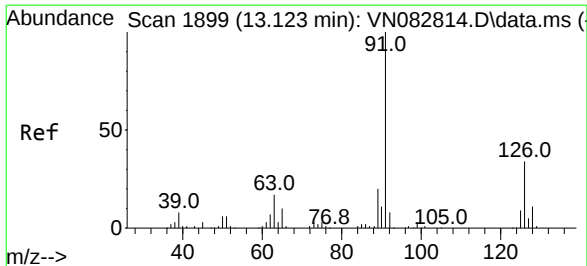
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#78
n-propylbenzene
Concen: 20.017 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Tgt Ion: 91 Resp: 225202
Ion Ratio Lower Upper
91 100
120 22.5 10.9 32.9





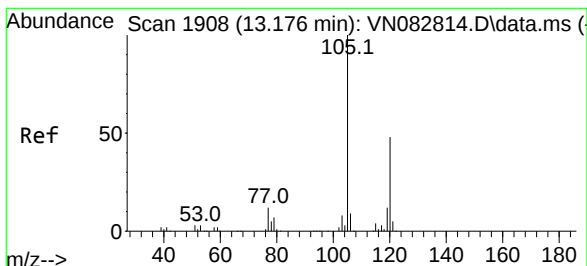
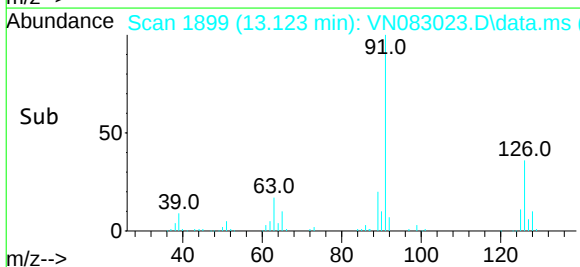
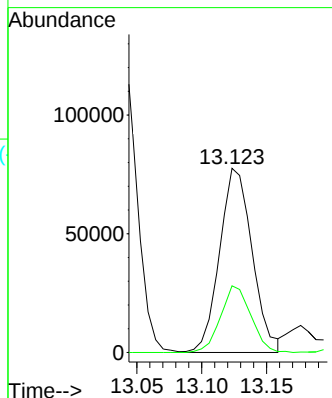
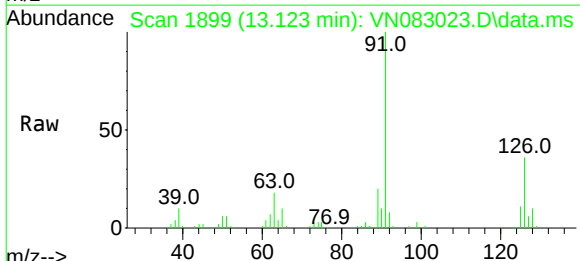
#79
2-Chlorotoluene
Concen: 18.954 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01

Tgt Ion: 91 Resp: 135868
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.6

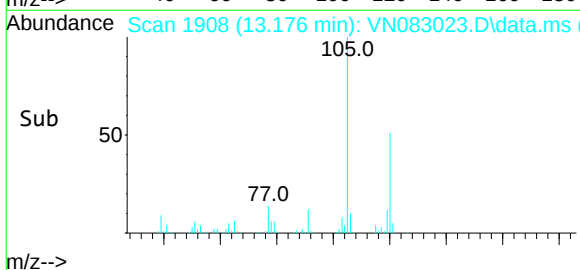
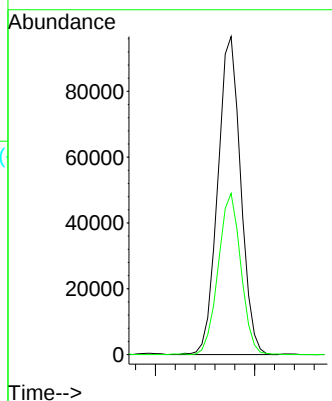
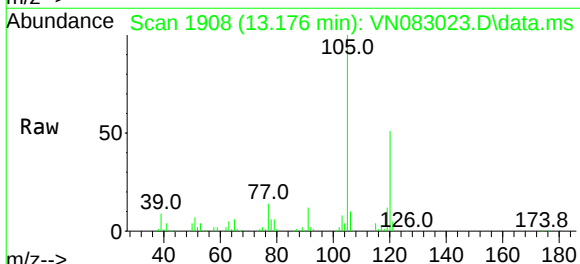
Manual Integrations
APPROVED

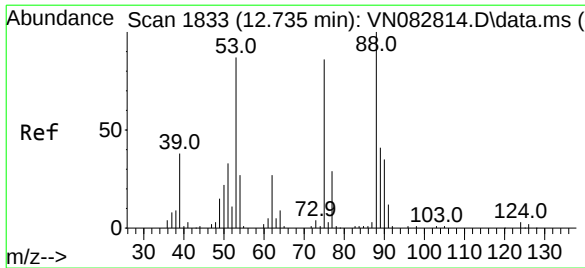
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.584 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Tgt Ion:105 Resp: 154901
Ion Ratio Lower Upper
105 100
120 50.0 24.3 72.8





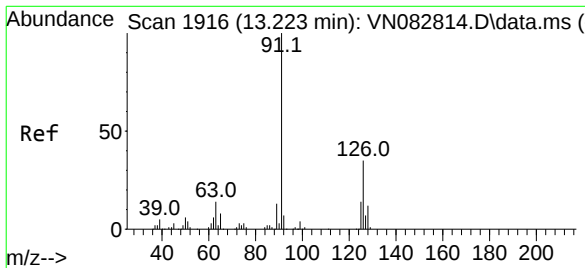
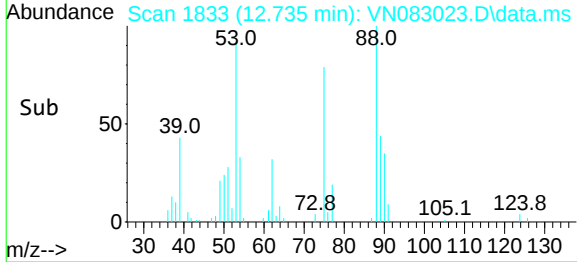
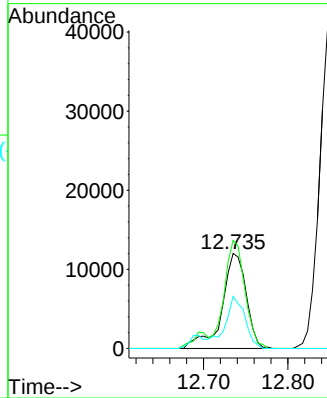
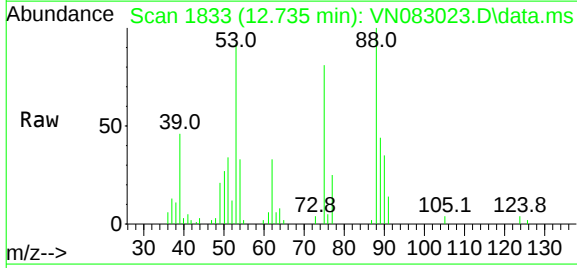
#81
trans-1,4-Dichloro-2-butene
Concen: 20.219 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01

Tgt Ion: 75 Resp: 23868
Ion Ratio Lower Upper
75 100
53 97.4 88.4 132.6
89 45.0 36.3 54.5

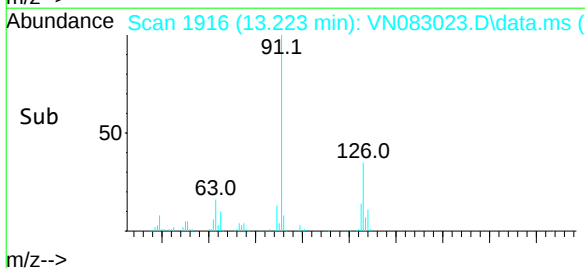
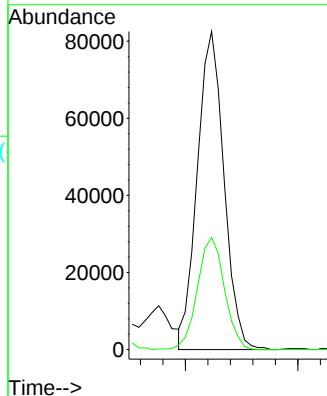
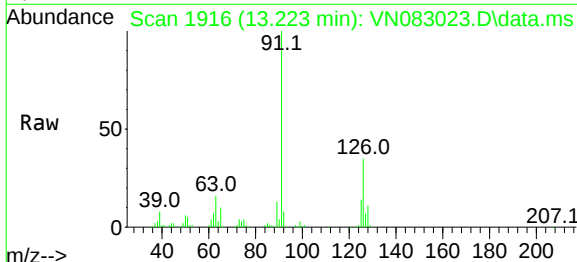
Manual Integrations
APPROVED

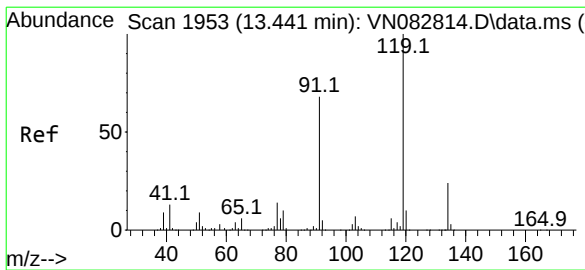
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#82
4-Chlorotoluene
Concen: 19.119 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Tgt Ion: 91 Resp: 135658
Ion Ratio Lower Upper
91 100
126 35.8 16.2 48.6





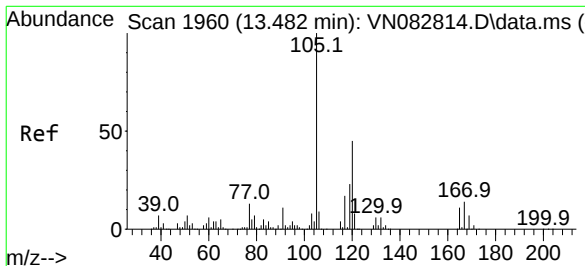
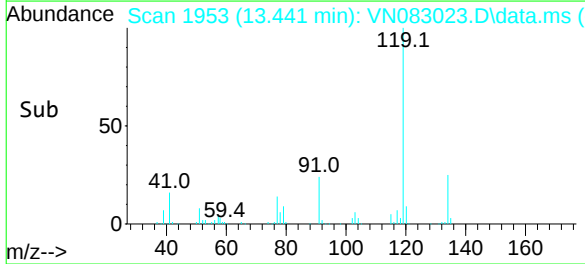
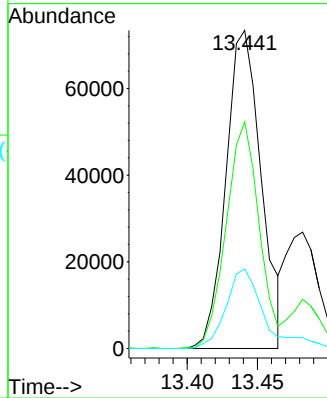
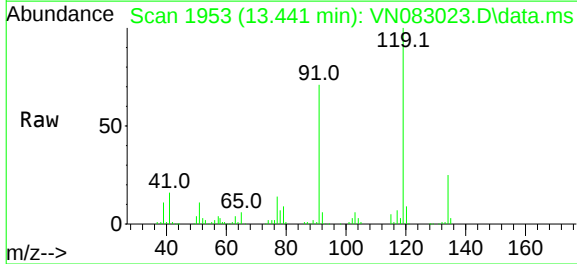
#83
tert-Butylbenzene
Concen: 18.239 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01

Tgt Ion:119 Resp: 127895
Ion Ratio Lower Upper
119 100
91 66.6 35.0 105.1
134 27.0 13.3 39.8

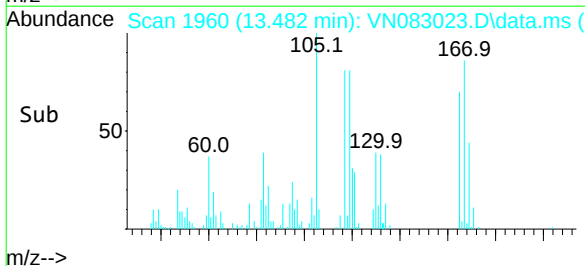
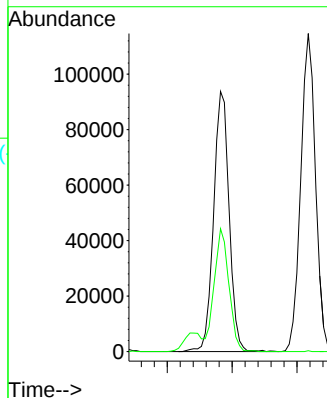
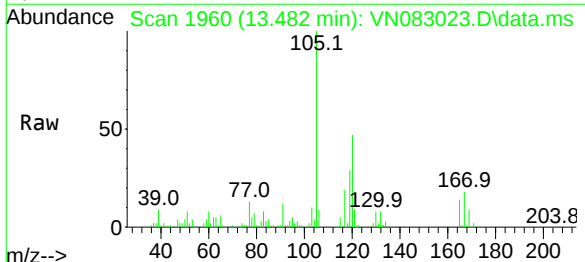
Manual Integrations
APPROVED

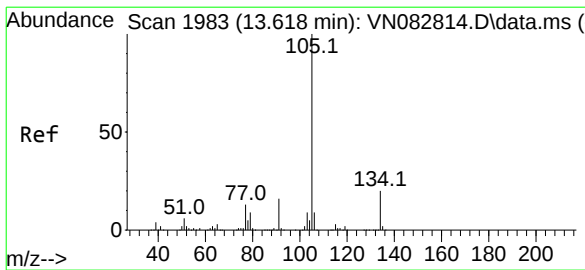
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#84
1,2,4-Trimethylbenzene
Concen: 19.312 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Tgt Ion:105 Resp: 155686
Ion Ratio Lower Upper
105 100
120 45.7 21.9 65.8





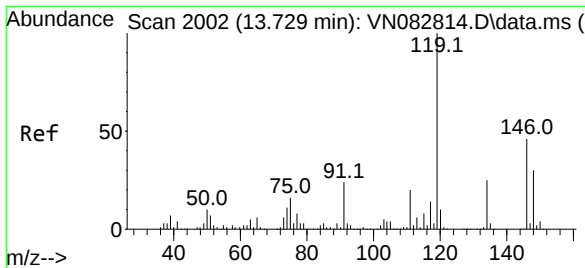
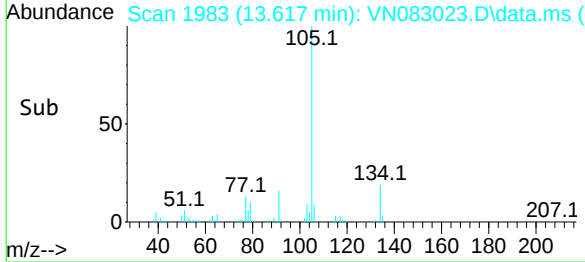
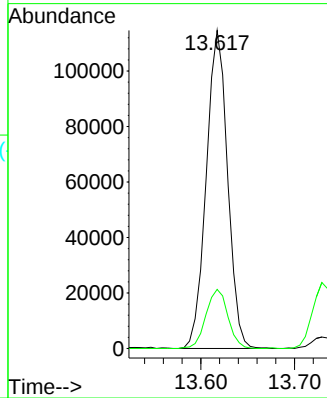
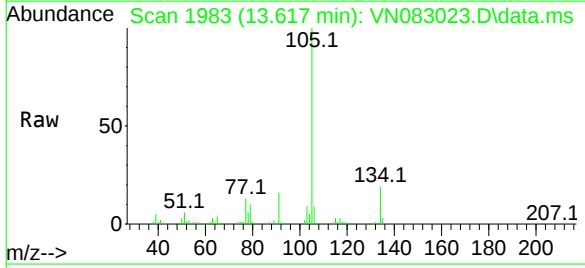
#85
sec-Butylbenzene
Concen: 19.131 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01

Tgt Ion:105 Resp: 181286
Ion Ratio Lower Upper
105 100
134 19.1 9.8 29.3

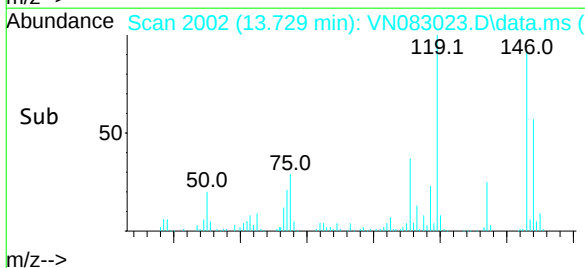
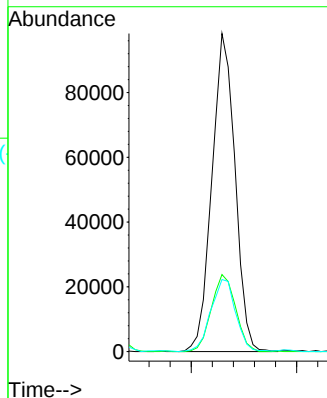
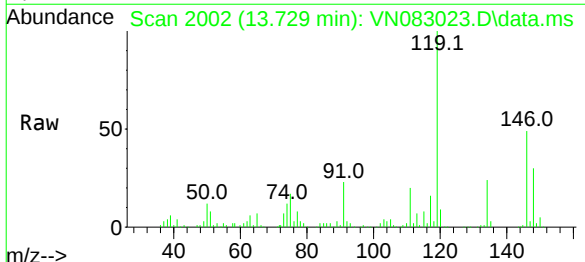
Manual Integrations
APPROVED

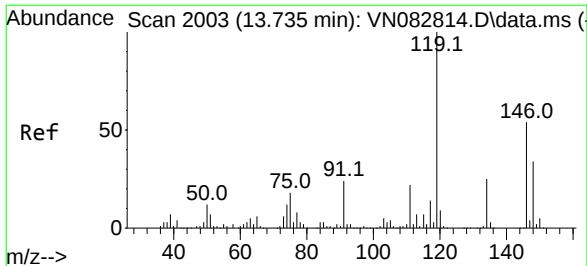
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#86
p-Isopropyltoluene
Concen: 18.941 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Tgt Ion:119 Resp: 149749
Ion Ratio Lower Upper
119 100
134 25.3 13.0 39.0
91 24.4 12.3 36.9





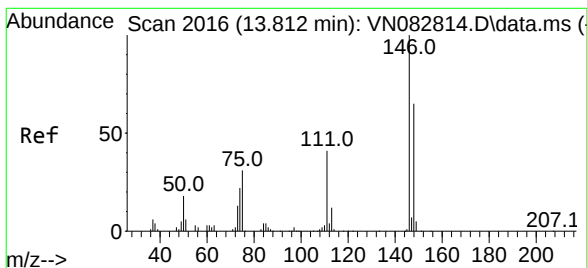
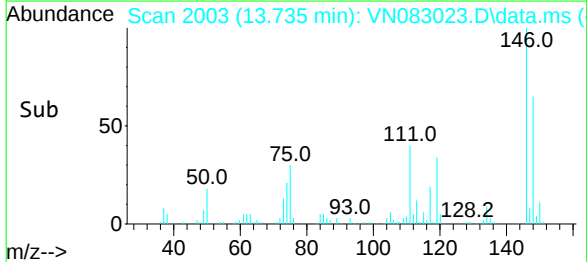
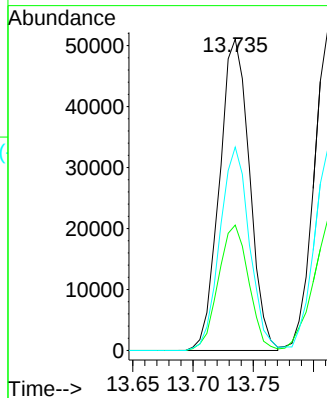
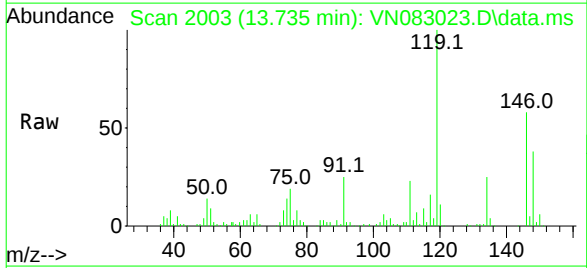
#87
1,3-Dichlorobenzene
Concen: 19.451 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01

Tgt Ion:146 Resp: 88700
Ion Ratio Lower Upper
146 100
111 40.6 20.6 61.9
148 64.2 31.8 95.3

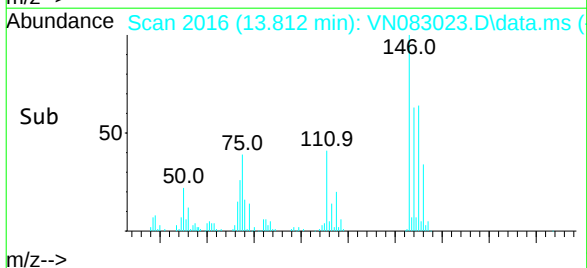
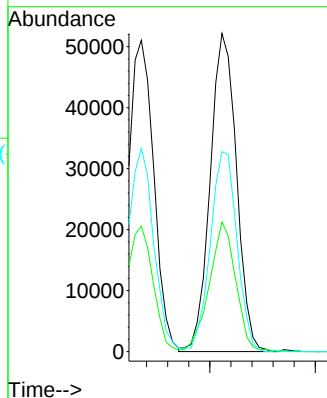
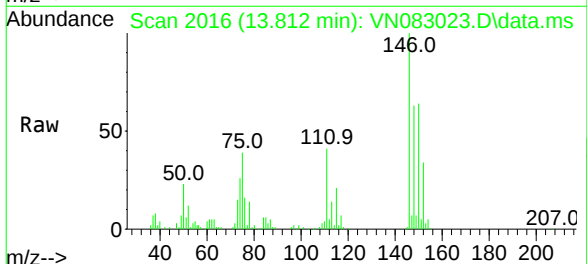
Manual Integrations
APPROVED

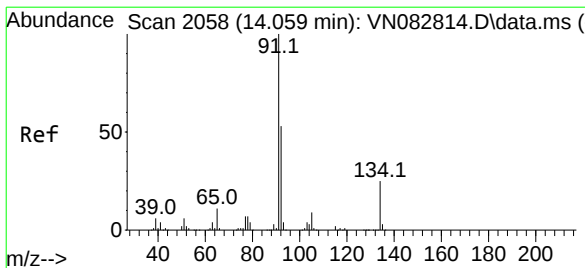
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#88
1,4-Dichlorobenzene
Concen: 19.185 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.001 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Tgt Ion:146 Resp: 90477
Ion Ratio Lower Upper
146 100
111 40.8 20.1 60.3
148 63.8 32.2 96.6





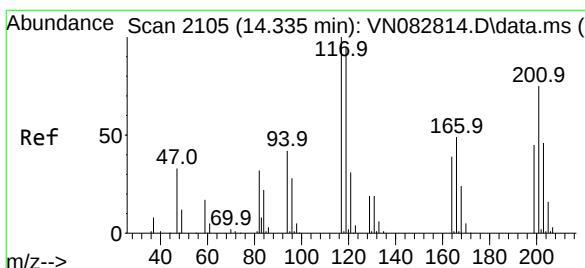
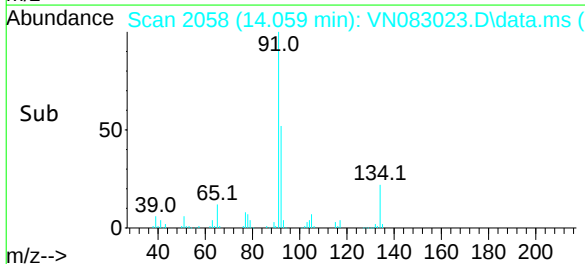
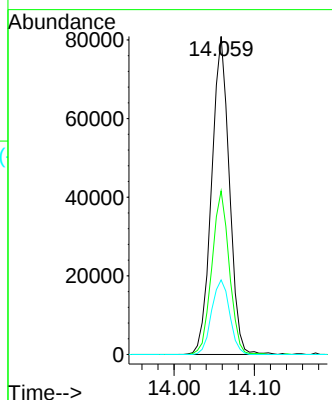
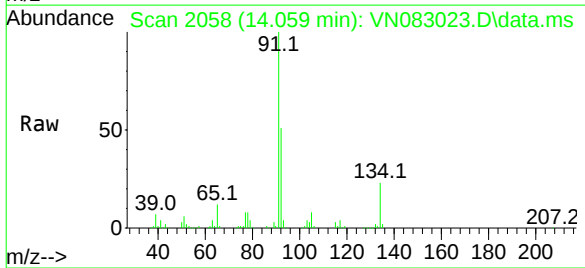
#89
n-Butylbenzene
Concen: 18.325 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.001 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.5	26.1	78.3
134	23.7	12.1	36.3

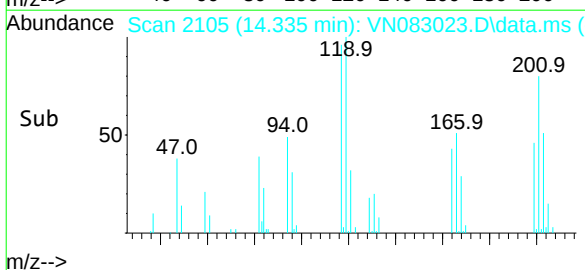
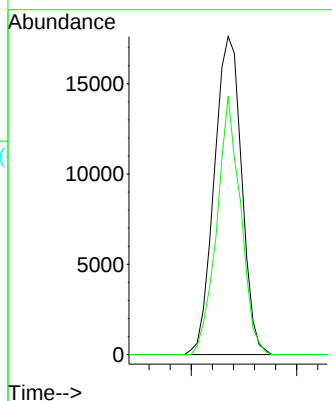
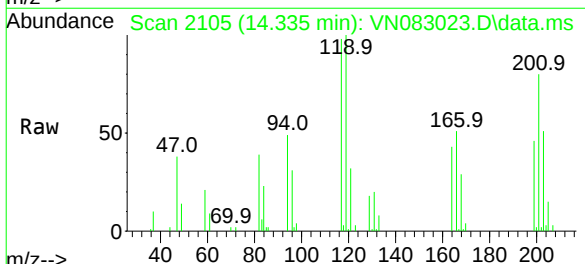
Manual Integrations
APPROVED

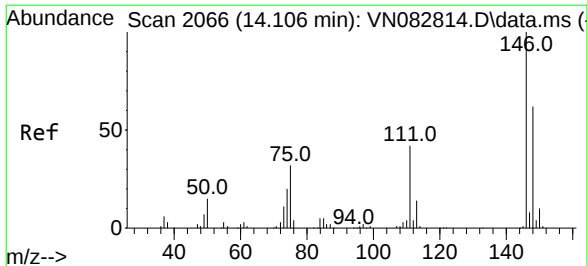
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024



#90
Hexachloroethane
Concen: 19.018 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

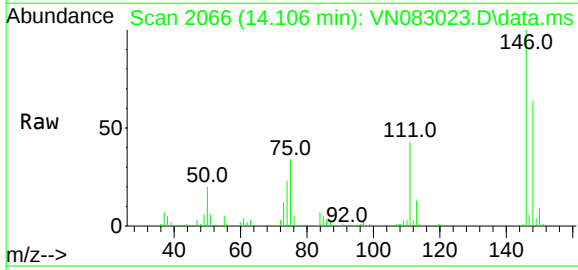
Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.5	35.8	107.3





#91
1,2-Dichlorobenzene
Concen: 19.792 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21

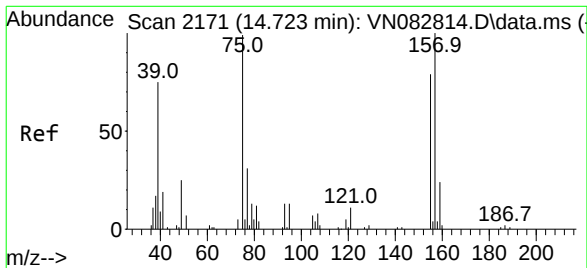
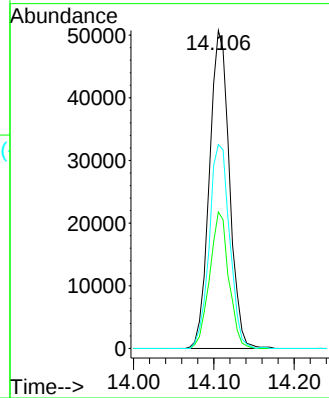
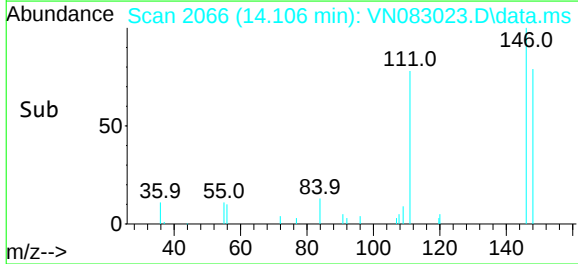
Instrument :
MSVOA_N
ClientSampleId :
VN0724WBS01



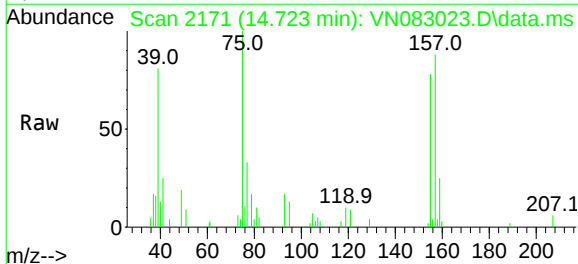
Tgt Ion:146 Resp: 87635
Ion Ratio Lower Upper
146 100
111 41.0 21.4 64.2
148 65.5 32.1 96.5

Manual Integrations
APPROVED

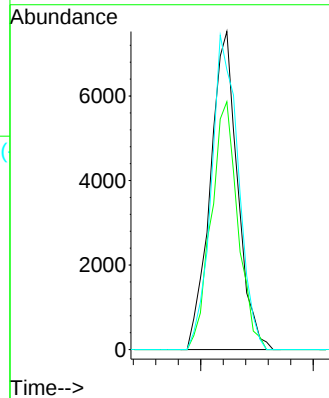
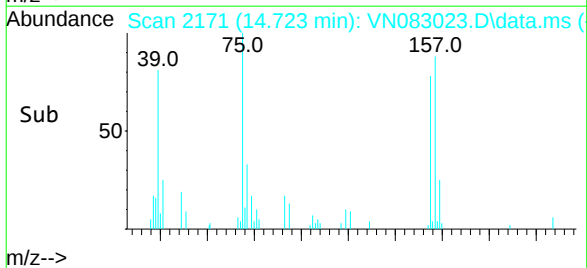
Reviewed By :John Carlone 07/25/2024
Supervised By :Mahesh Dadoda 07/25/2024

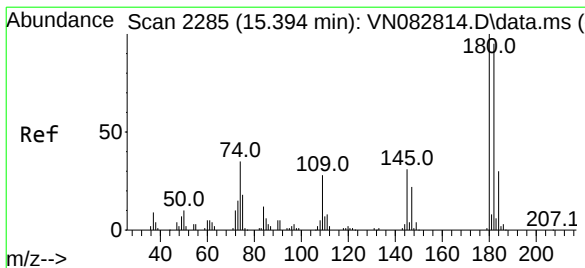


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.713 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN083023.D
Acq: 24 Jul 2024 12:21



Tgt Ion: 75 Resp: 12687
Ion Ratio Lower Upper
75 100
155 76.1 36.6 109.8
157 97.9 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 17.486 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN083023.D

Acq: 24 Jul 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0724WBS01

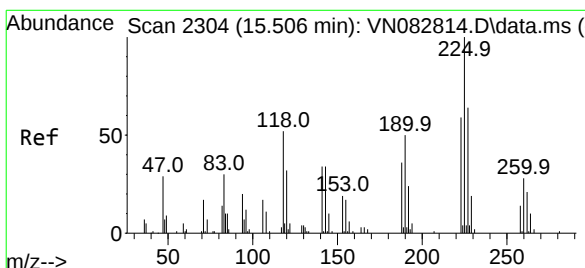
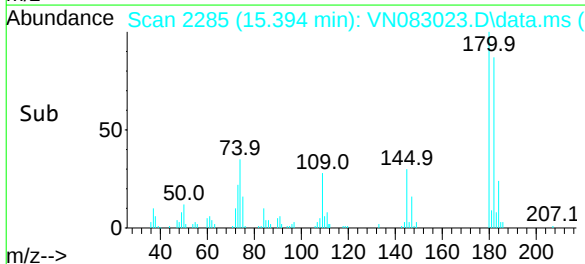
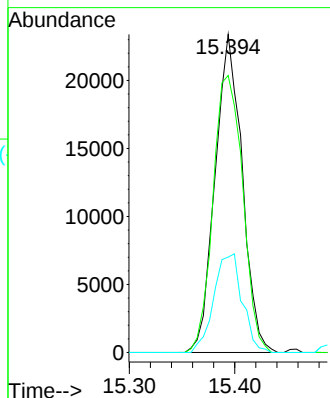
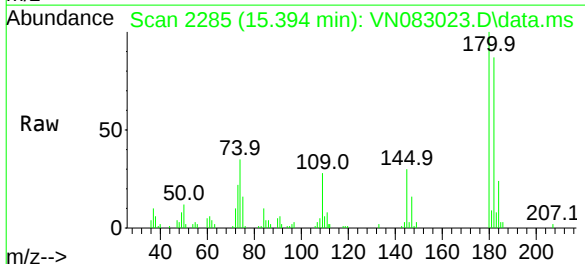
Tgt Ion:	180	Resp:	41703
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.3	141.8
145	32.6	15.7	47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2024

Supervised By :Mahesh Dadoda 07/25/2024



#94

Hexachlorobutadiene

Concen: 19.124 ug/l

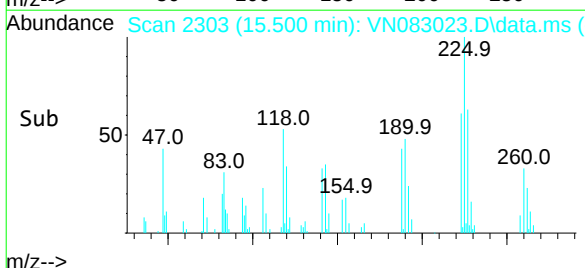
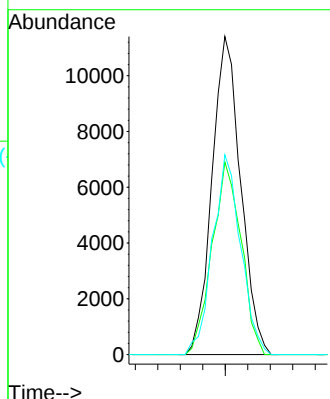
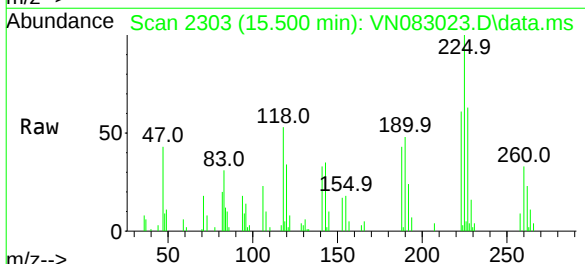
RT: 15.500 min Scan# 2303

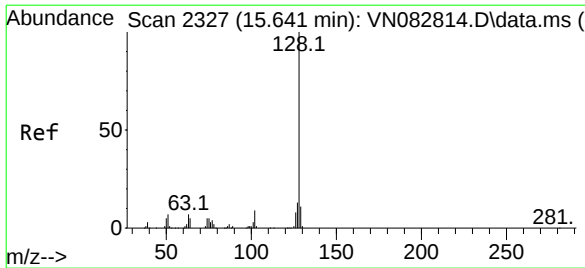
Delta R.T. -0.005 min

Lab File: VN083023.D

Acq: 24 Jul 2024 12:21

Tgt Ion:	225	Resp:	20220
Ion Ratio	Lower	Upper	
225	100		
223	61.2	31.9	95.7
227	61.4	32.5	97.5





#95

Naphthalene

Concen: 15.698 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN083023.D

Acq: 24 Jul 2024 12:21

Instrument :

MSVOA_N

ClientSampleId :

VN0724WBS01

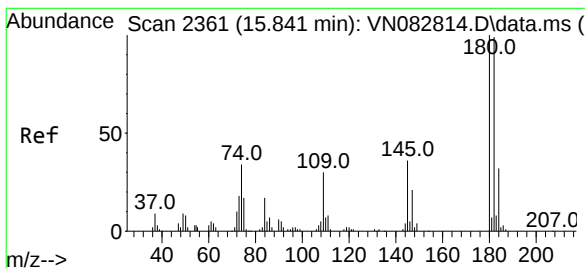
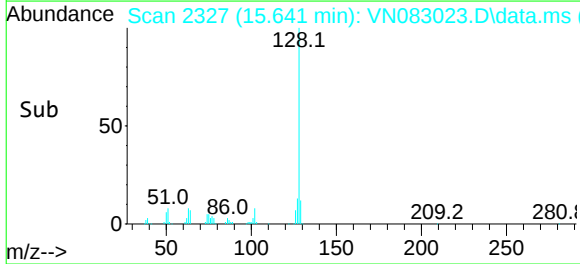
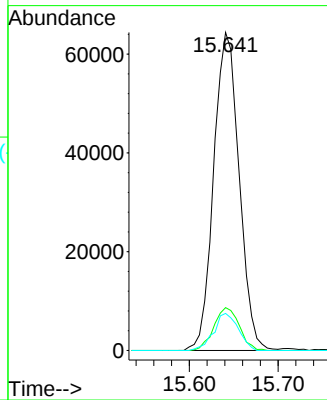
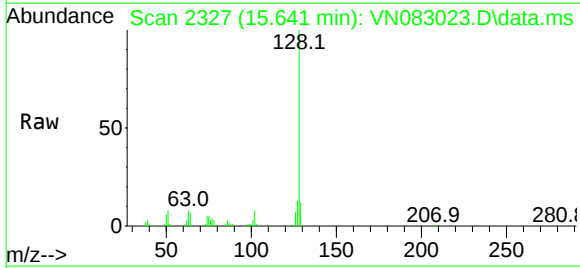
Tgt Ion:	128	Resp:	128233
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.6	16.0
129	11.3	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2024

Supervised By :Mahesh Dadoda 07/25/2024



#96

1,2,3-Trichlorobenzene

Concen: 17.619 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN083023.D

Acq: 24 Jul 2024 12:21

Tgt Ion:	180	Resp:	43207
Ion Ratio	Lower	Upper	
180	100		
182	96.4	48.9	146.8
145	33.0	16.8	50.4

