

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084888.D
 Acq On : 17 Nov 2024 12:25
 Operator : JC\MD
 Sample : VN1117WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2024
 Supervised By : Mahesh Dadoda 11/18/2024

Quant Time: Nov 18 00:17:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	150455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	231435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	206447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	93388	42.975	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.940%		
35) Dibromofluoromethane	8.165	113	79576	50.797	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.600%		
50) Toluene-d8	10.565	98	264068	45.761	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.520%		
62) 4-Bromofluorobenzene	12.847	95	102125	47.353	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	34083	19.706	ug/l	90
3) Chloromethane	2.359	50	39885	18.042	ug/l	98
4) Vinyl Chloride	2.512	62	38953	20.939	ug/l	99
5) Bromomethane	2.901	94	21222	21.531	ug/l	99
6) Chloroethane	3.077	64	26309	22.068	ug/l	99
7) Trichlorofluoromethane	3.477	101	64412	21.019	ug/l	98
8) Diethyl Ether	3.953	74	20486	18.951	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.353	101	34308	19.813	ug/l #	88
10) Methyl Iodide	4.577	142	46196	19.962	ug/l	99
11) Tert butyl alcohol	5.542	59	29075	101.363	ug/l	97
12) 1,1-Dichloroethene	4.336	96	30577	17.846	ug/l	94
13) Acrolein	4.177	56	23983	83.848	ug/l	99
14) Allyl chloride	5.012	41	48374	17.409	ug/l	92
15) Acrylonitrile	5.718	53	90271	108.709	ug/l	99
16) Acetone	4.430	43	62942	98.543	ug/l	97
17) Carbon Disulfide	4.700	76	82486	15.633	ug/l	98
18) Methyl Acetate	5.024	43	42881	15.985	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	113198	21.555	ug/l	94
20) Methylene Chloride	5.271	84	38828	20.315	ug/l #	87
21) trans-1,2-Dichloroethene	5.777	96	33592	19.094	ug/l	97
22) Diisopropyl ether	6.665	45	105483	19.105	ug/l	95
23) Vinyl Acetate	6.600	43	375158	98.531	ug/l	99
24) 1,1-Dichloroethane	6.559	63	62817	18.950	ug/l	97
25) 2-Butanone	7.477	43	103199	101.793	ug/l	99
26) 2,2-Dichloropropane	7.489	77	58013	20.108	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	38507	18.745	ug/l	98
28) Bromochloromethane	7.806	49	28273	21.408	ug/l	88
29) Tetrahydrofuran	7.836	42	66707	99.181	ug/l	94
30) Chloroform	7.959	83	66502	19.711	ug/l	100
31) Cyclohexane	8.253	56	56986	18.994	ug/l	88
32) 1,1,1-Trichloroethane	8.165	97	65046	21.182	ug/l	97
36) 1,1-Dichloropropene	8.365	75	43734	20.130	ug/l	99
37) Ethyl Acetate	7.553	43	40831	20.714	ug/l	97
38) Carbon Tetrachloride	8.359	117	53525	22.041	ug/l	97
39) Methylcyclohexane	9.600	83	48603	21.990	ug/l	97
40) Benzene	8.600	78	142106	20.367	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	24562	23.171	ug/l	93
42) 1,2-Dichloroethane	8.665	62	49893	22.080	ug/l	100
43) Isopropyl Acetate	8.688	43	76047	20.310	ug/l	99
44) Trichloroethene	9.347	130	32063	19.926	ug/l	93
45) 1,2-Dichloropropane	9.618	63	37373	22.834	ug/l	95
46) Dibromomethane	9.706	93	25522	22.098	ug/l	97
47) Bromodichloromethane	9.882	83	51947	21.338	ug/l #	98
48) Methyl methacrylate	9.677	41	32771	21.361	ug/l	96
49) 1,4-Dioxane	9.694	88	11801	434.092	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	210133	111.825	ug/l	98
52) Toluene	10.630	92	86999	21.320	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	51795	20.554	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	55571	20.836	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	36880	23.993	ug/l	96
56) Ethyl methacrylate	10.871	69	49679	22.344	ug/l	95
57) 1,3-Dichloropropane	11.159	76	63603	24.110	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	93465	89.836	ug/l	96
59) 2-Hexanone	11.194	43	175196	128.087	ug/l	99
60) Dibromochloromethane	11.359	129	42528	24.276	ug/l	98
61) 1,2-Dibromoethane	11.465	107	37554	23.858	ug/l	100
64) Tetrachloroethene	11.100	164	31436	22.892	ug/l	96
65) Chlorobenzene	11.888	112	94628	20.488	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	35039	21.811	ug/l	98
67) Ethyl Benzene	11.959	91	156771	20.335	ug/l	100
68) m/p-Xylenes	12.071	106	121606	41.664	ug/l	100
69) o-Xylene	12.394	106	58729	21.510	ug/l	100
70) Styrene	12.412	104	100446	21.089	ug/l	99
71) Bromoform	12.576	173	27687	22.904	ug/l #	97
73) Isopropylbenzene	12.694	105	145662	19.371	ug/l	99
74) N-amyl acetate	12.494	43	61232	19.132	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	49874	19.870	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	47939m	22.349	ug/l	
77) Bromobenzene	12.982	156	39504	19.542	ug/l	93
78) n-propylbenzene	13.035	91	171566	19.470	ug/l	98
79) 2-Chlorotoluene	13.123	91	112412	19.524	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	131903	21.164	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	17121	18.936	ug/l	96
82) 4-Chlorotoluene	13.218	91	114849	18.954	ug/l	99
83) tert-Butylbenzene	13.435	119	106411	20.630	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	133805	20.801	ug/l	98
85) sec-Butylbenzene	13.612	105	145843	20.016	ug/l	100
86) p-Isopropyltoluene	13.729	119	122620	20.520	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	71603	18.149	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	72663	19.384	ug/l	99
89) n-Butylbenzene	14.053	91	100525	17.984	ug/l	99
90) Hexachloroethane	14.329	117	24649	18.497	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	71447	18.846	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10291	20.238	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	34522	16.637	ug/l	99
94) Hexachlorobutadiene	15.500	225	17987	19.739	ug/l	98
95) Naphthalene	15.641	128	110119	17.730	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	34606	17.180	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

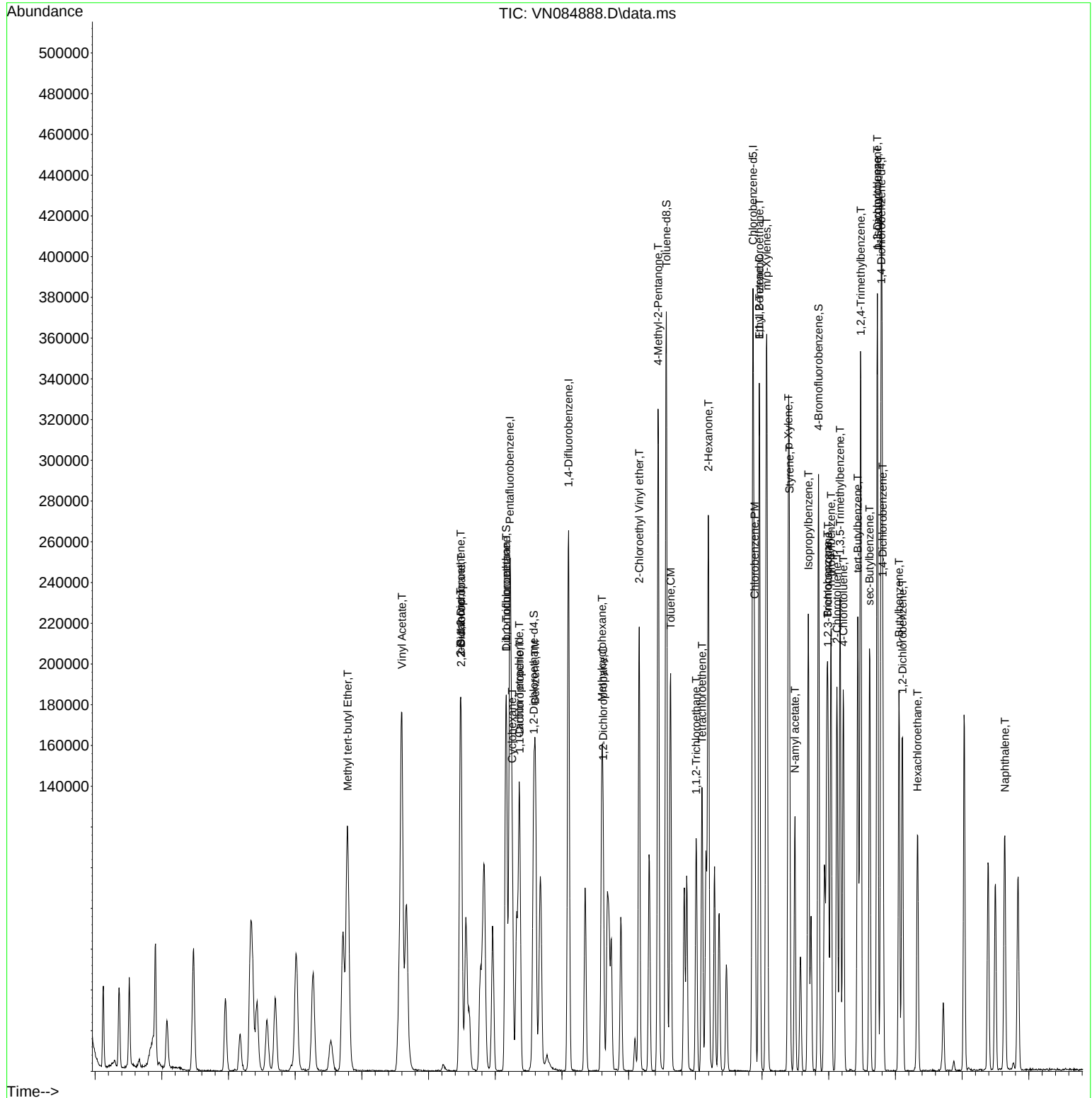
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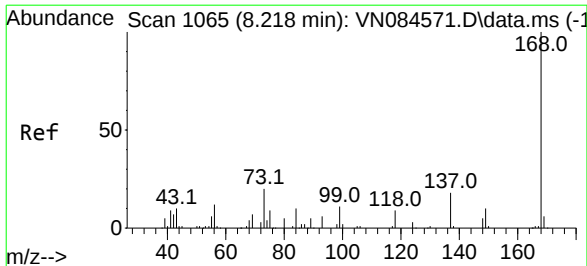
Instrument :
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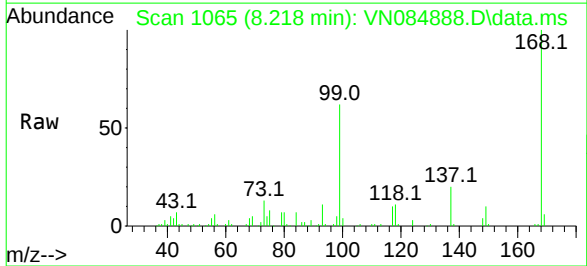
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.006 min
 Lab File: VN084888.D
 Acq: 17 Nov 2024 12:25

Instrument :

MSVOA_N

ClientSampleId :

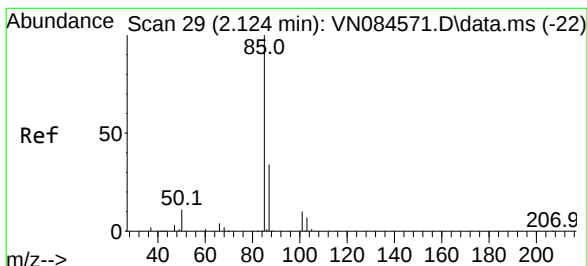
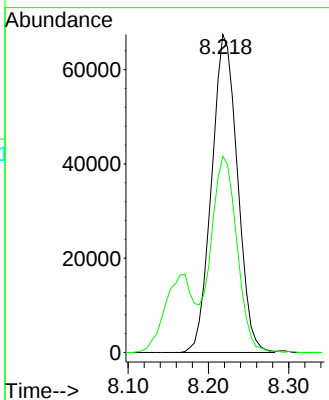
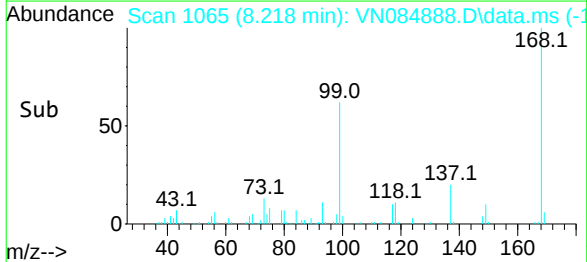
VN1117WBSD01



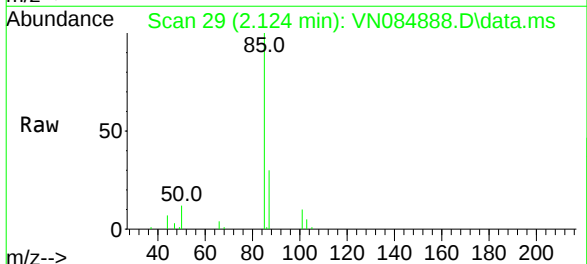
Tgt Ion:168 Resp: 150455
 Ion Ratio Lower Upper
 168 100
 99 61.2 54.2 81.2

Manual Integrations
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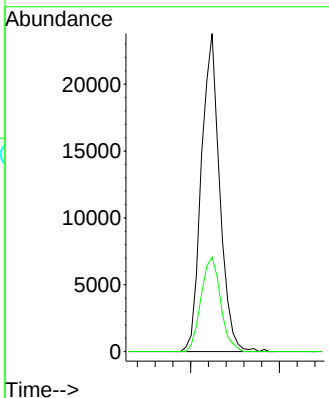
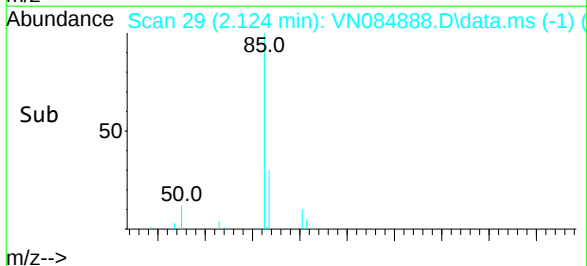
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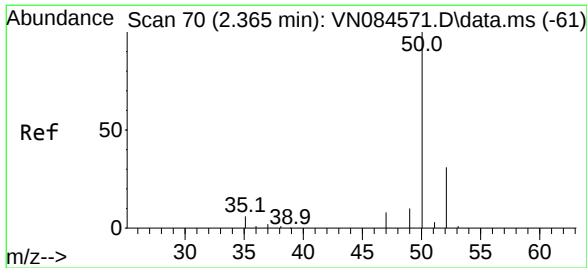


#2
 Dichlorodifluoromethane
 Concen: 19.706 ug/l
 RT: 2.124 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VN084888.D
 Acq: 17 Nov 2024 12:25



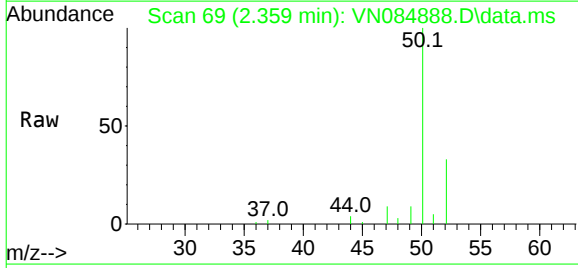
Tgt Ion: 85 Resp: 34083
 Ion Ratio Lower Upper
 85 100
 87 29.7 17.6 52.9





#3
Chloromethane
Concen: 18.042 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

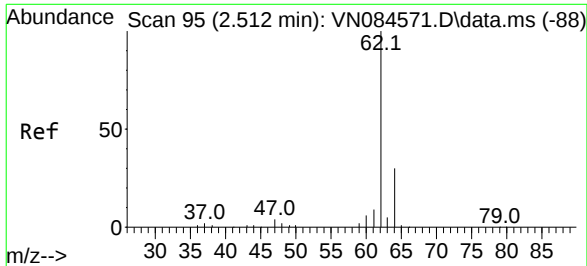
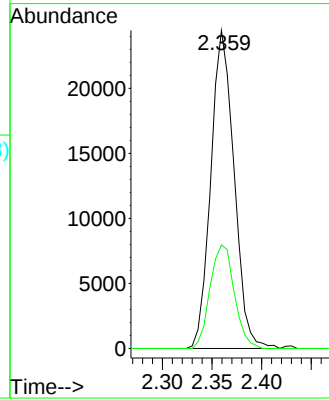
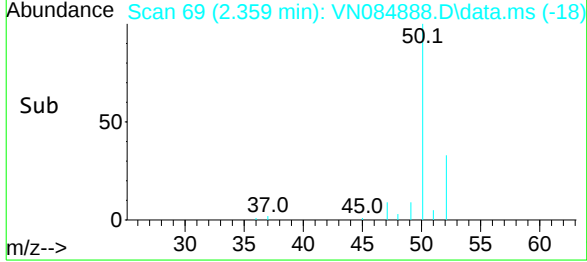
Instrument :
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Tgt Ion: 50 Resp: 39885
Ion Ratio Lower Upper
50 100
52 32.6 26.8 40.2

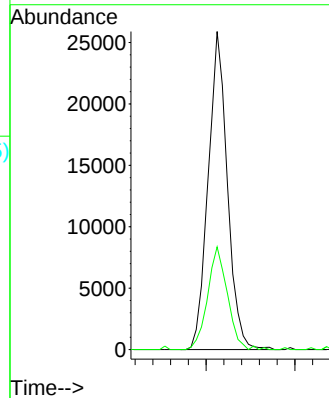
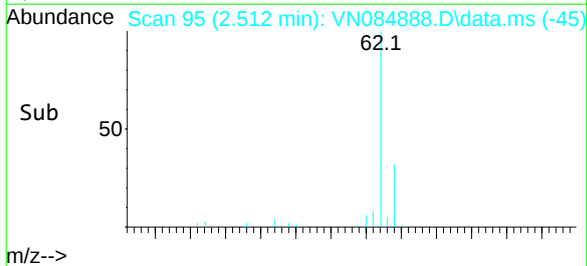
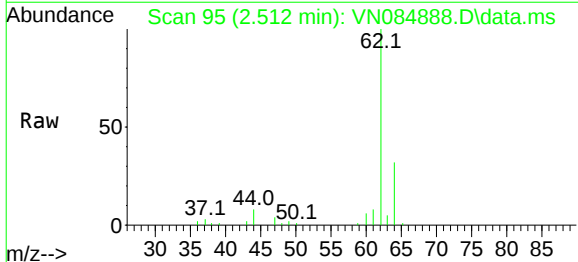
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#4
Vinyl Chloride
Concen: 20.939 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

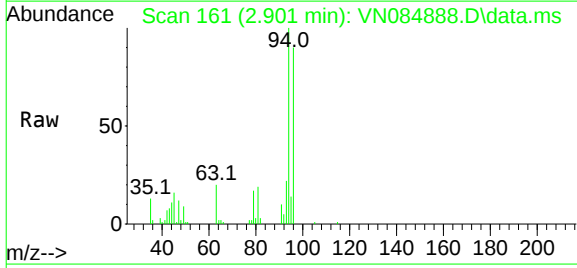
Tgt Ion: 62 Resp: 38953
Ion Ratio Lower Upper
62 100
64 32.3 26.2 39.4





#5
Bromomethane
Concen: 21.531 ug/l
RT: 2.901 min Scan# 161
Delta R.T. -0.052 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

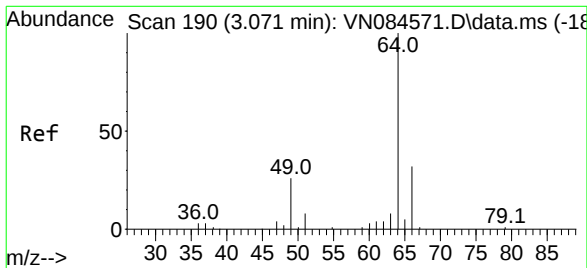
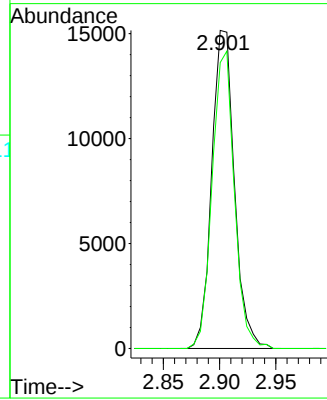
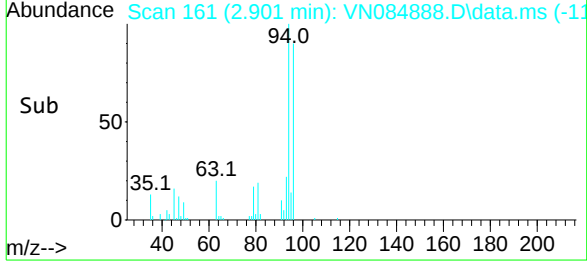
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Tgt Ion: 94 Resp: 21222
Ion Ratio Lower Upper
94 100
96 89.9 72.9 109.3

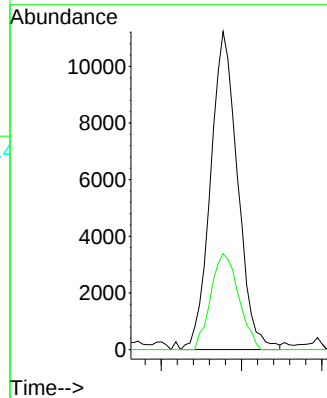
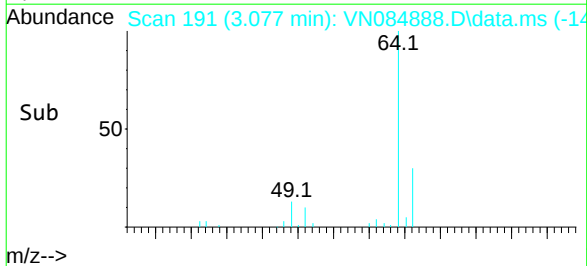
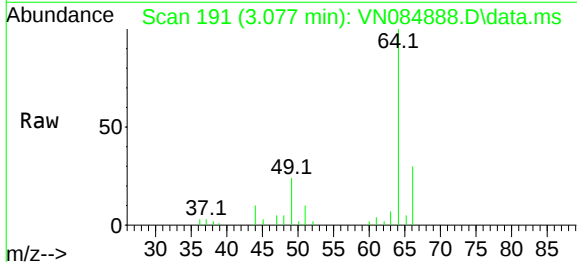
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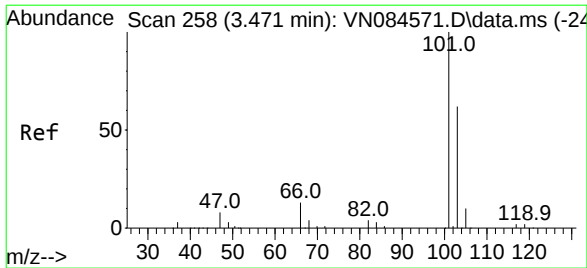
Reviewed By :John Carlone 11/18/2024
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#6
Chloroethane
Concen: 22.068 ug/l
RT: 3.077 min Scan# 191
Delta R.T. -0.041 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

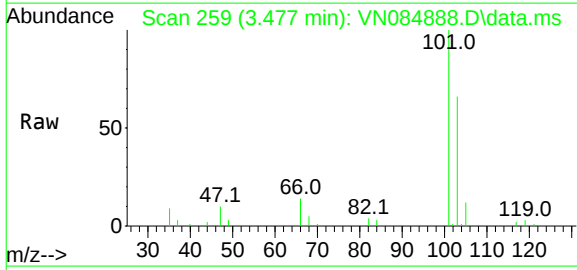
Tgt Ion: 64 Resp: 26309
Ion Ratio Lower Upper
64 100
66 30.1 23.5 35.3





Trichlorofluoromethane
 Concen: 21.019 ug/l
 RT: 3.477 min Scan# 258
 Delta R.T. -0.018 min
 Lab File: VN084888.D
 Acq: 17 Nov 2024 12:25

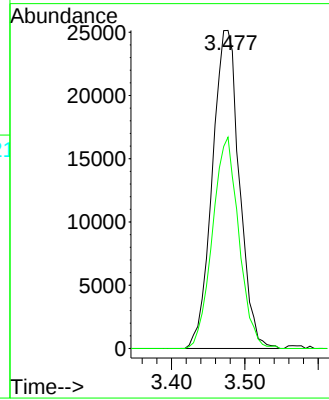
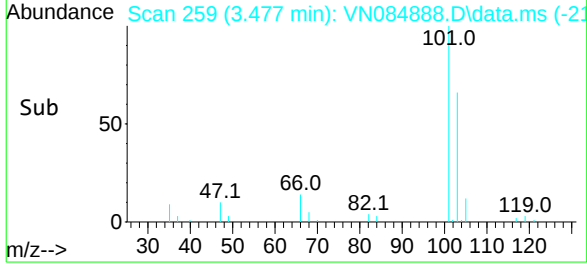
Instrument :
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Tgt Ion: 101 Resp: 64412
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.8 77.6

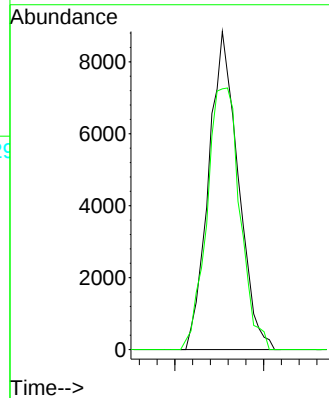
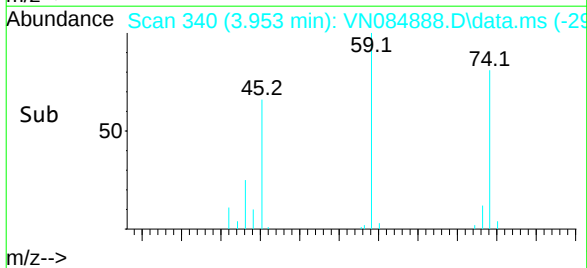
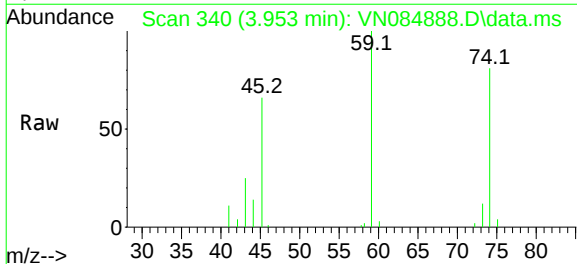
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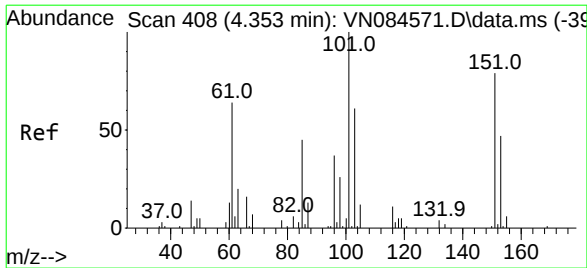
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Diethyl Ether
 Concen: 18.951 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
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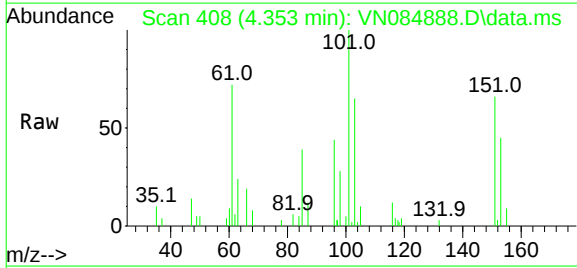
Tgt Ion: 74 Resp: 20486
 Ion Ratio Lower Upper
 74 100
 45 91.9 47.7 143.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.813 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.018 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

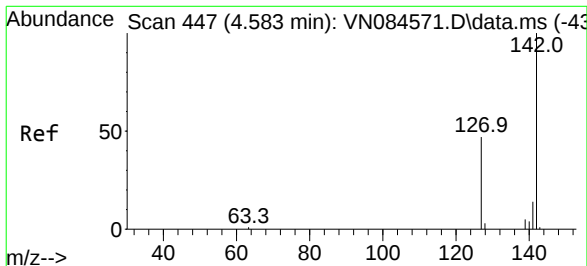
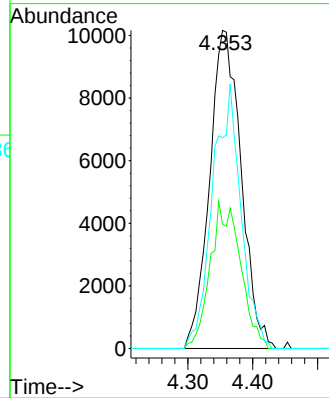
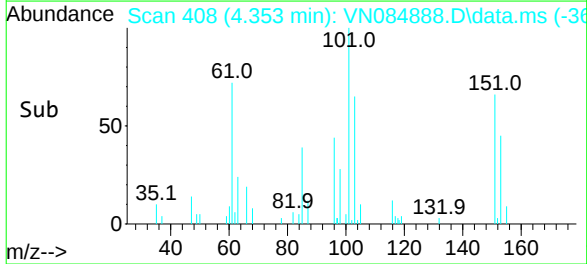
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion:	101	Resp:	34308
Ion Ratio	Lower	Upper	
101	100		
85	24.4	36.2	54.4
151	74.5	59.3	88.9

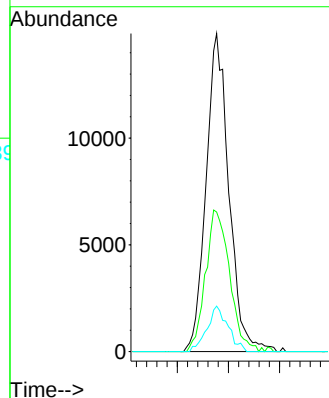
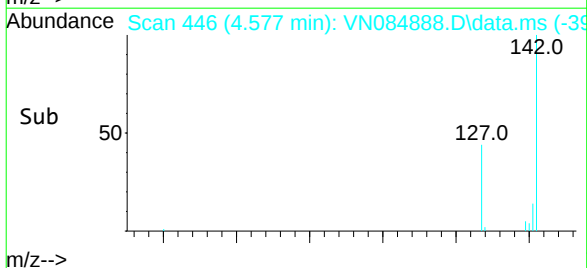
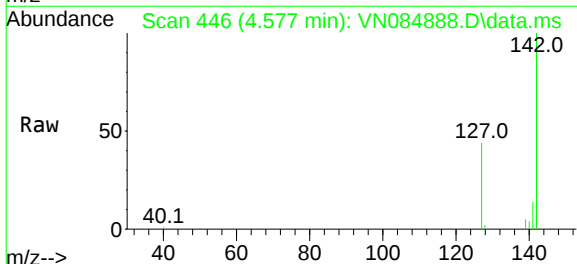
Manual Integrations
APPROVED

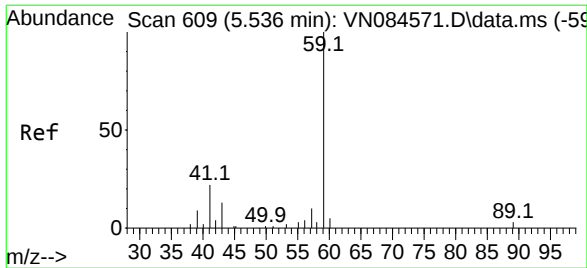
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#10
Methyl Iodide
Concen: 19.962 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.018 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

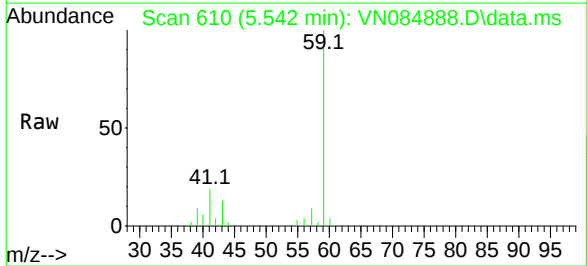
Tgt Ion:	142	Resp:	46196
Ion Ratio	Lower	Upper	
142	100		
127	43.9	35.3	52.9
141	14.3	11.0	16.6





#11
Tert butyl alcohol
Concen: 101.363 ug/l
RT: 5.542 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

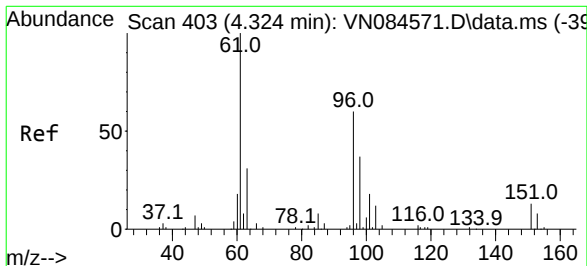
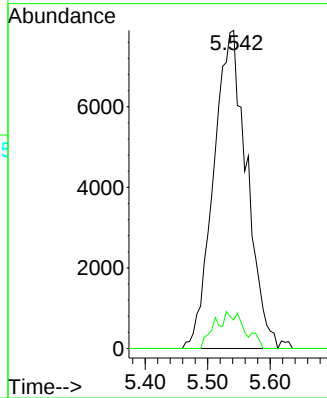
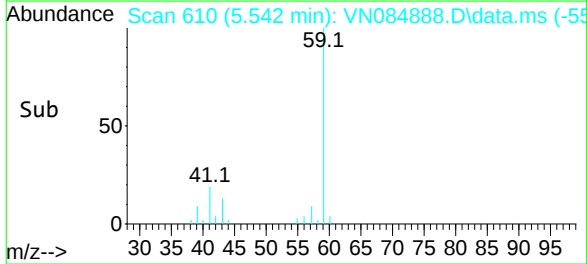
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



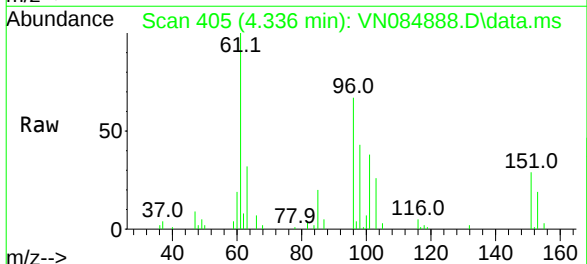
Tgt Ion: 59 Resp: 29075
Ion Ratio Lower Upper
59 100
57 9.2 8.2 12.2

Manual Integrations
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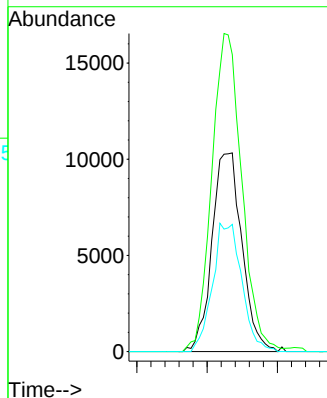
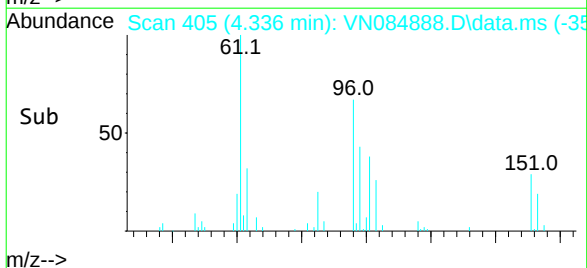
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024

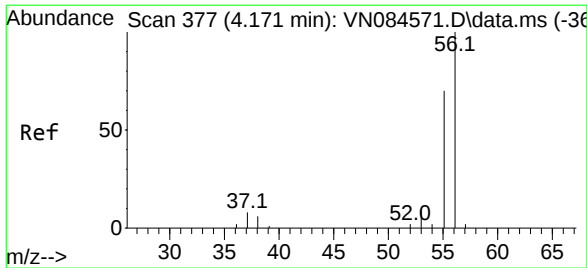


#12
1,1-Dichloroethene
Concen: 17.846 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25



Tgt Ion: 96 Resp: 30577
Ion Ratio Lower Upper
96 100
61 149.4 128.6 192.8
98 64.0 51.7 77.5





#13

Acrolein

Concen: 83.848 ug/l

RT: 4.177 min Scan# 37

Delta R.T. 0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

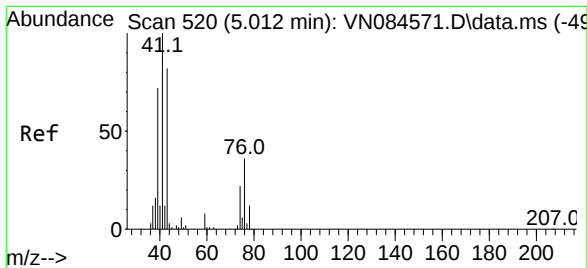
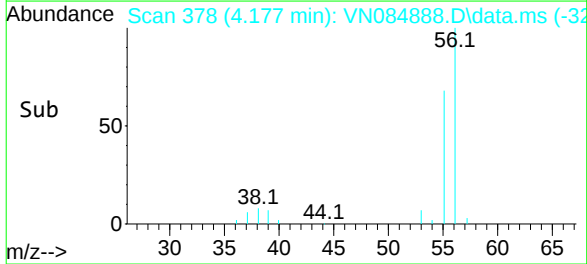
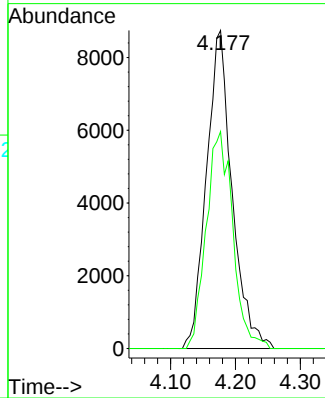
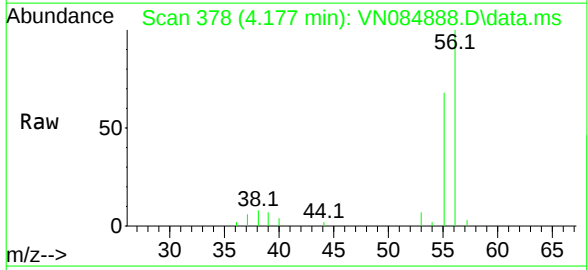
Tgt Ion	Ratio	Lower	Upper
56	100		
55	70.7	57.2	85.8

Manual Integrations

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Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#14

Allyl chloride

Concen: 17.409 ug/l

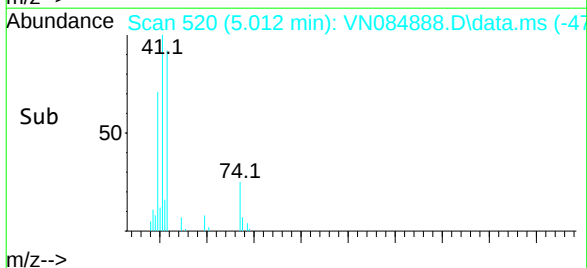
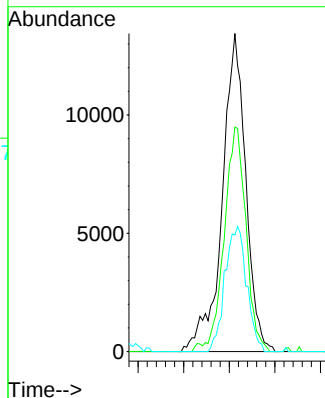
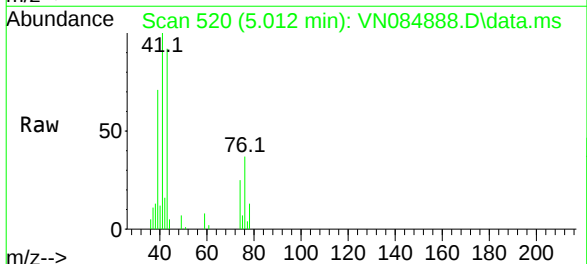
RT: 5.012 min Scan# 520

Delta R.T. -0.012 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.4	59.0	88.6
76	36.1	29.8	44.6





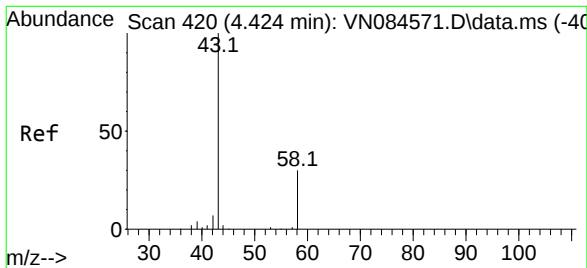
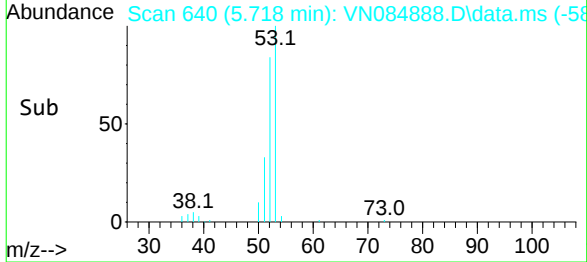
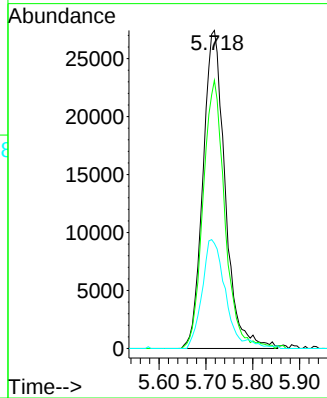
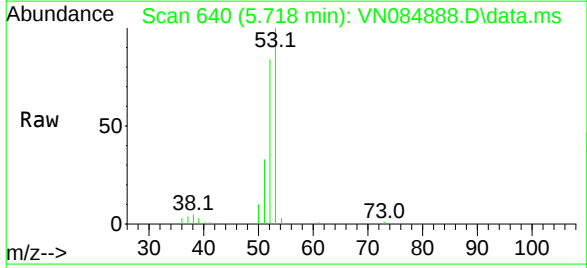
#15
Acrylonitrile
Concen: 108.709 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.2	99.4
51	34.9	28.8	43.2

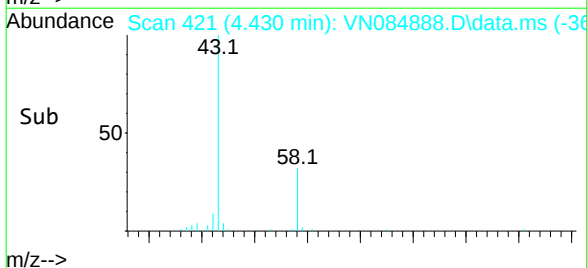
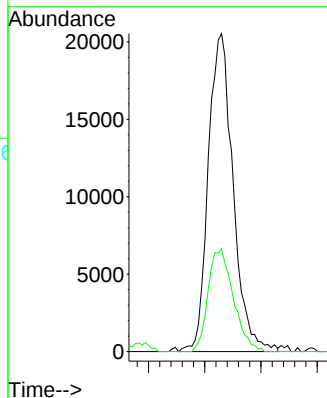
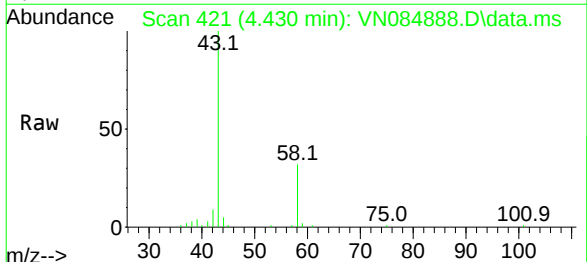
Manual Integrations
APPROVED

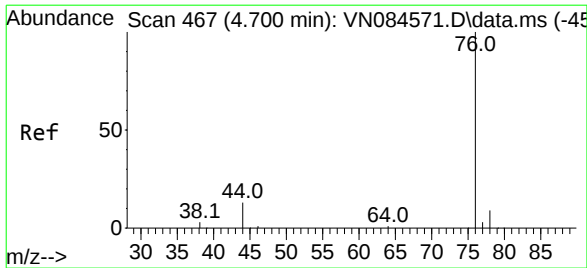
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#16
Acetone
Concen: 98.543 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

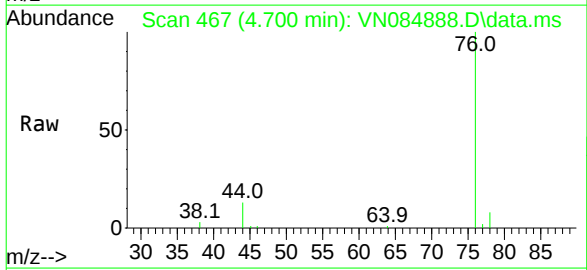
Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.4	24.4	36.6





#17
Carbon Disulfide
Concen: 15.633 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

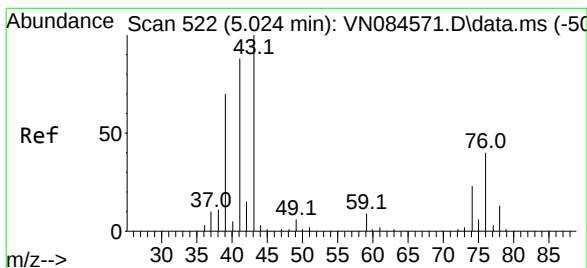
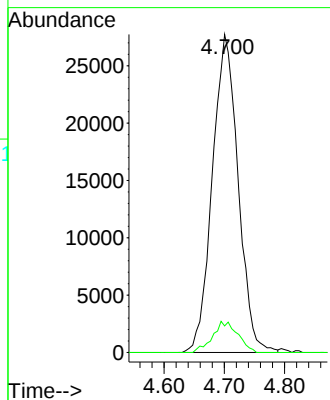
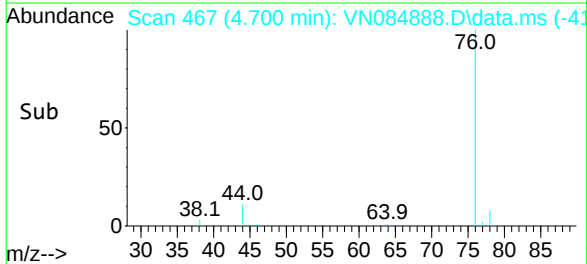
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion: 76 Resp: 82486
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9

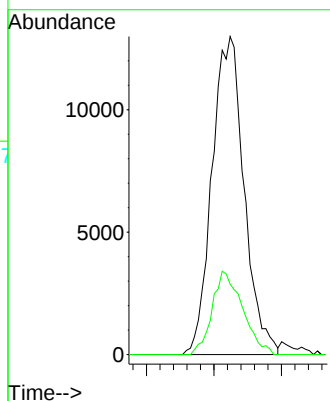
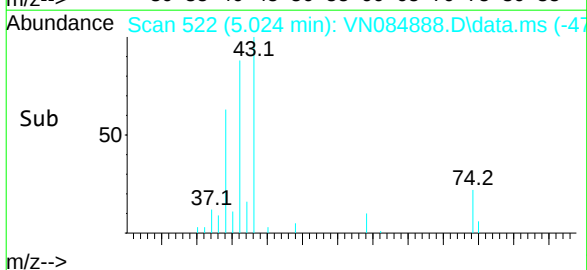
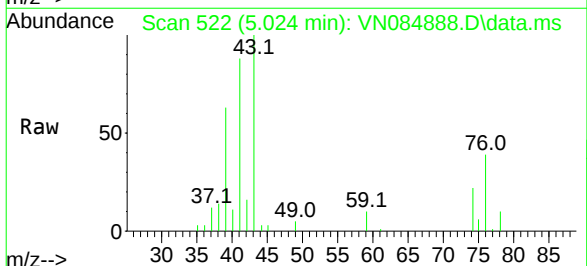
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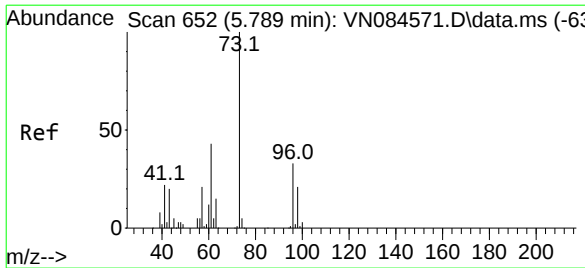
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#18
Methyl Acetate
Concen: 15.985 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Tgt Ion: 43 Resp: 42881
Ion Ratio Lower Upper
43 100
74 24.9 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 21.555 ug/l

RT: 5.789 min Scan# 65

Delta R.T. -0.006 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

Tgt Ion: 73 Resp: 113198

Ion Ratio Lower Upper

73 100

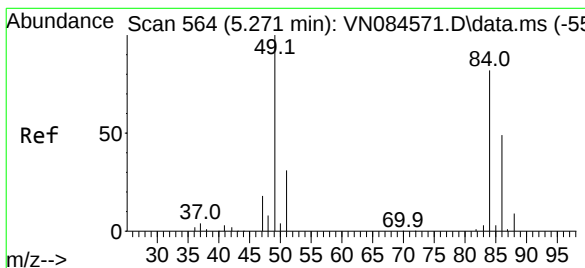
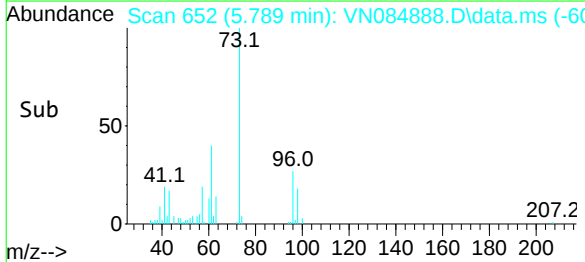
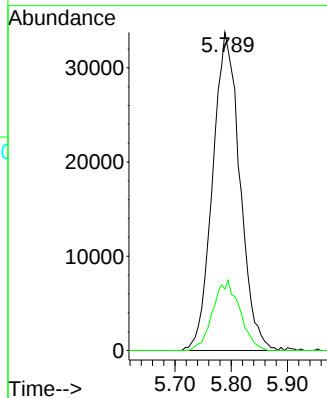
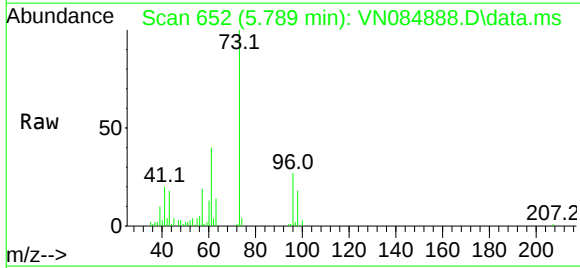
57 19.4 17.7 26.5

Manual Integrations

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Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#20

Methylene Chloride

Concen: 20.315 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Tgt Ion: 84 Resp: 38828

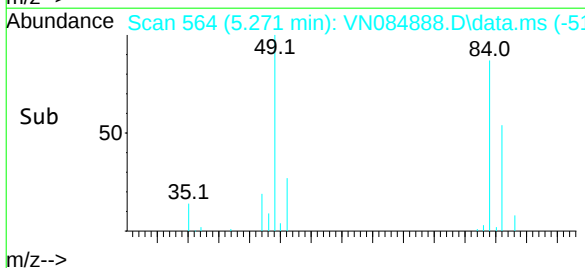
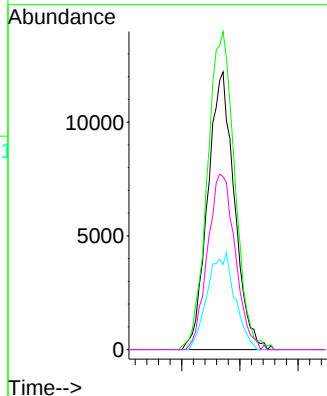
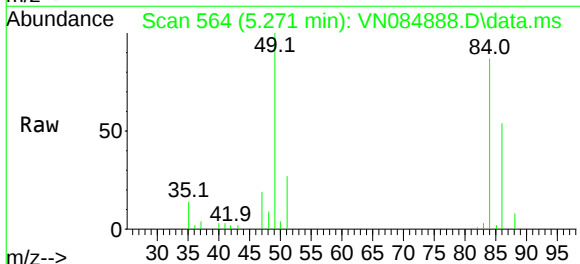
Ion Ratio Lower Upper

84 100

49 114.5 107.2 160.8

51 30.7 31.8 47.8#

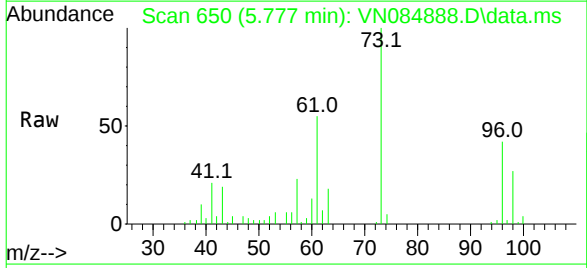
86 62.3 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 19.094 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.012 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

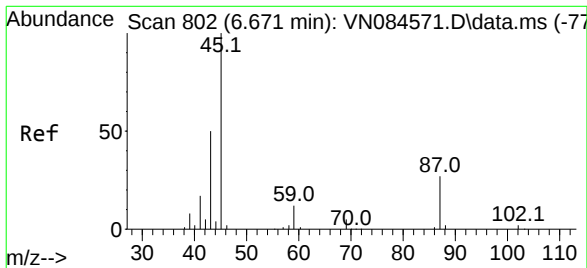
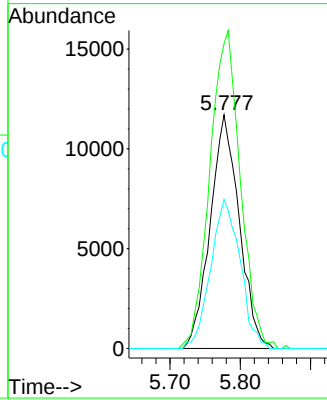
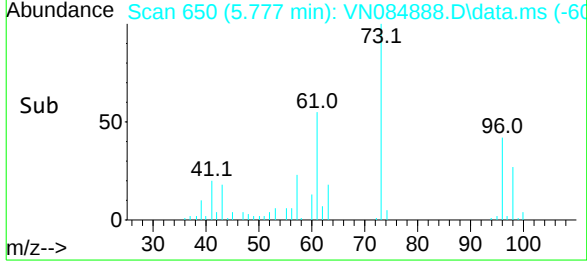
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion: 96 Resp: 33592
Ion Ratio Lower Upper
96 100
61 130.6 108.4 162.6
98 63.8 49.8 74.8

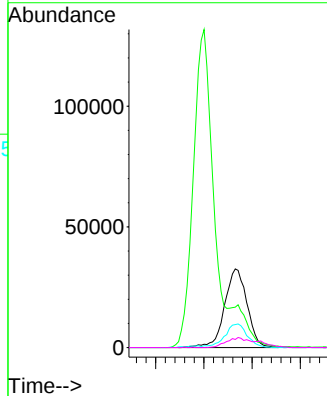
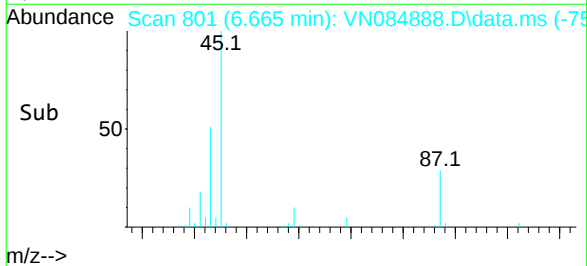
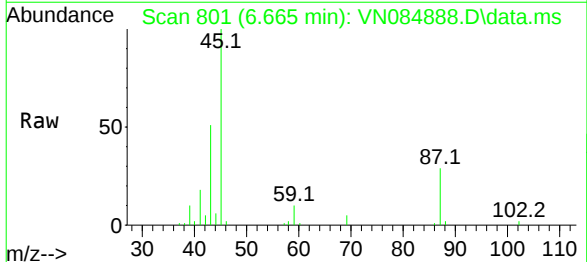
Manual Integrations
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Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#22
Diisopropyl ether
Concen: 19.105 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Tgt Ion: 45 Resp: 105483
Ion Ratio Lower Upper
45 100
43 49.3 42.3 63.5
87 29.3 21.8 32.6
59 10.3 9.6 14.4





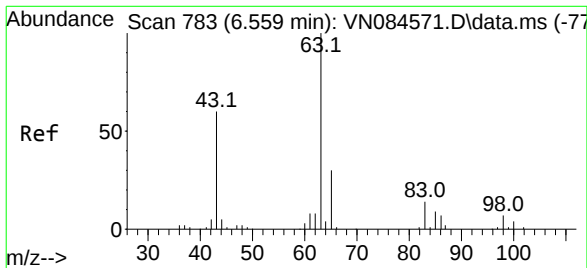
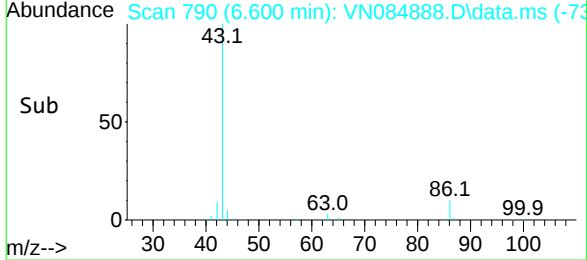
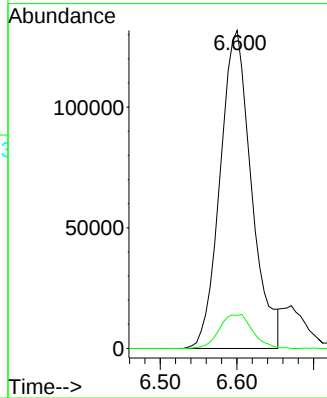
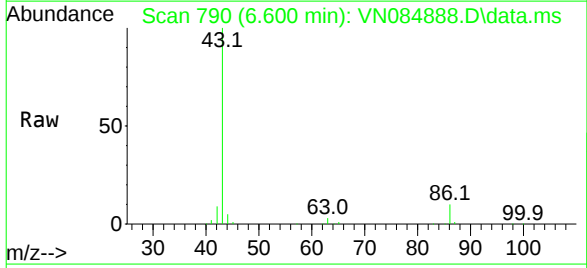
#23
 Vinyl Acetate
 Concen: 98.531 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN084888.D
 Acq: 17 Nov 2024 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01

Tgt Ion: 43 Resp: 375158
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.6 12.8

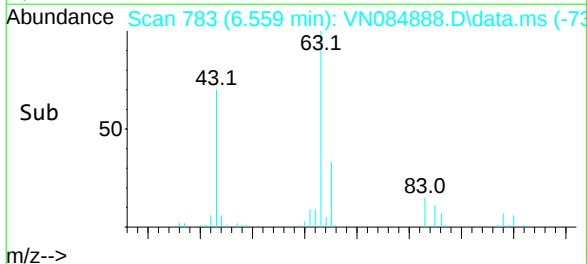
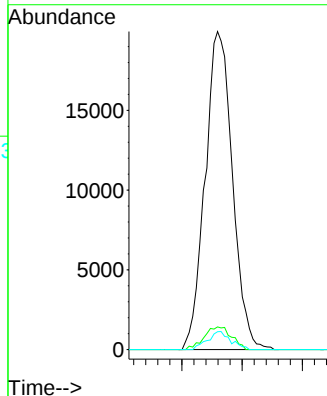
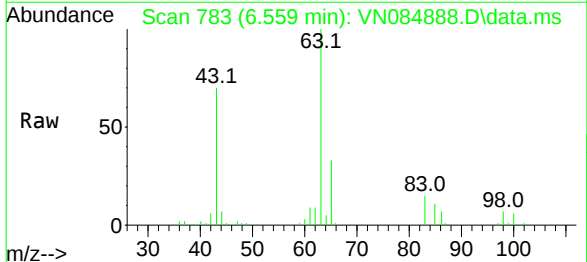
Manual Integrations
 APPROVED

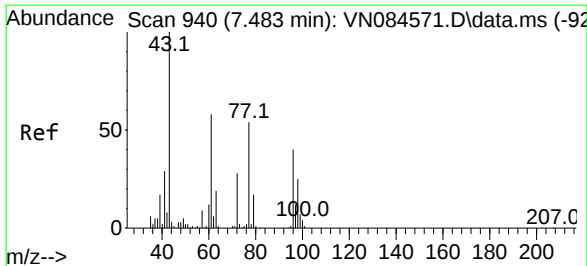
Reviewed By :John Carlone 11/18/2024
 Supervised By :Mahesh Dadoda 11/18/2024



#24
 1,1-Dichloroethane
 Concen: 18.950 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN084888.D
 Acq: 17 Nov 2024 12:25

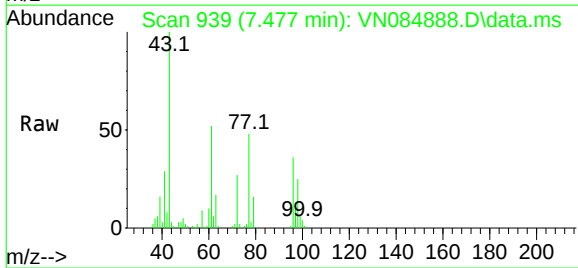
Tgt Ion: 63 Resp: 62817
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 5.6 2.0 5.8





#25
2-Butanone
Concen: 101.793 ug/l
RT: 7.477 min Scan# 931
Delta R.T. -0.006 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

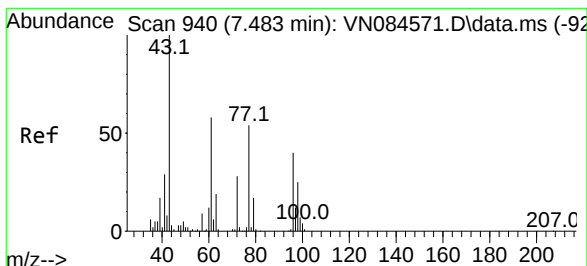
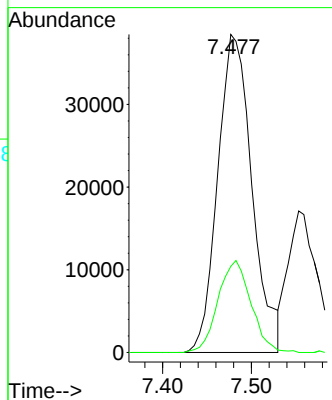
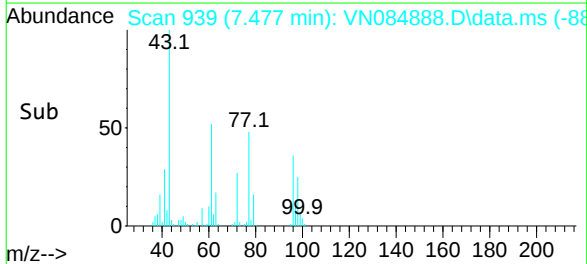
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



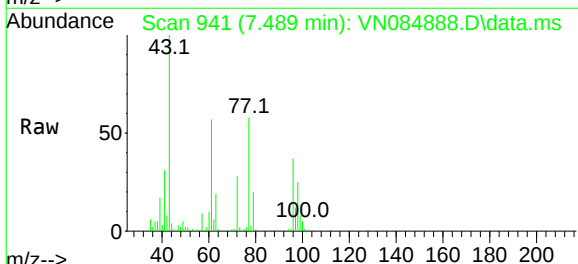
Tgt Ion: 43 Resp: 103199
Ion Ratio Lower Upper
43 100
72 27.1 21.4 32.2

Manual Integrations
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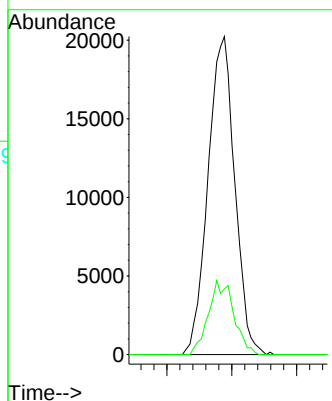
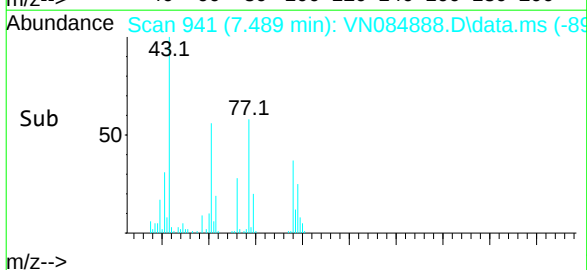
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#26
2,2-Dichloropropane
Concen: 20.108 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25



Tgt Ion: 77 Resp: 58013
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.3





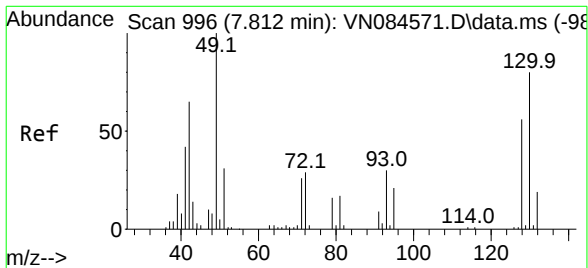
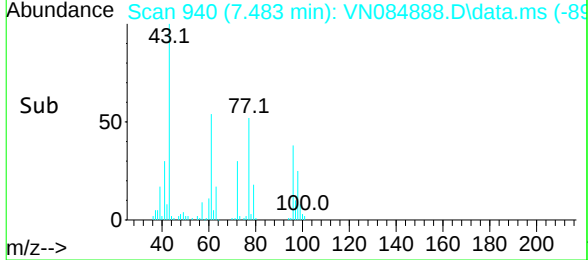
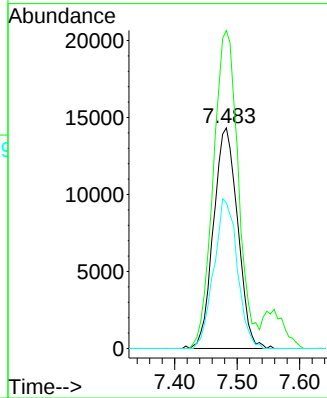
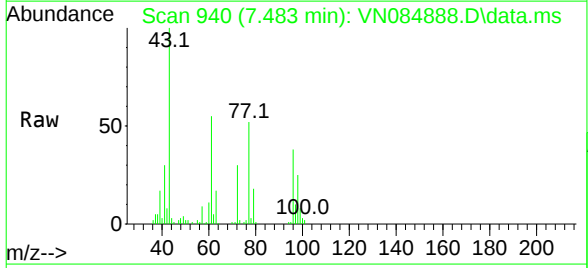
#27
cis-1,2-Dichloroethene
Concen: 18.745 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion: 96 Resp: 38507
Ion Ratio Lower Upper
96 100
61 149.1 0.0 301.8
98 65.8 0.0 128.2

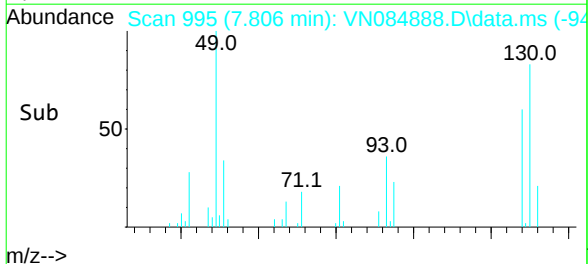
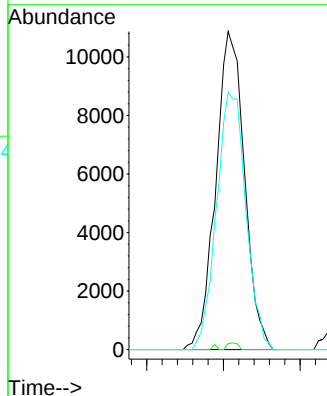
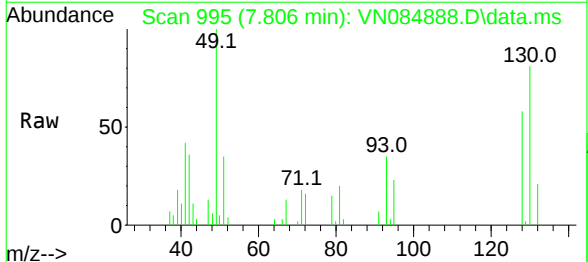
Manual Integrations
APPROVED

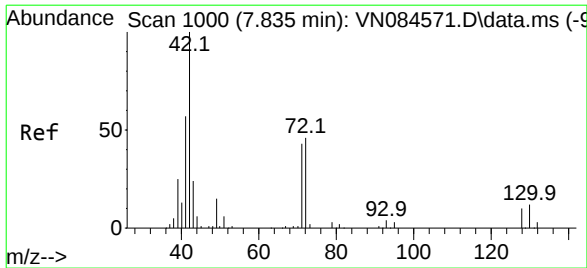
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#28
Bromochloromethane
Concen: 21.408 ug/l
RT: 7.806 min Scan# 995
Delta R.T. -0.006 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Tgt Ion: 49 Resp: 28273
Ion Ratio Lower Upper
49 100
129 0.8 0.0 3.6
130 82.8 58.0 87.0





#29

Tetrahydrofuran

Concen: 99.181 ug/l

RT: 7.836 min Scan# 10

Delta R.T. 0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

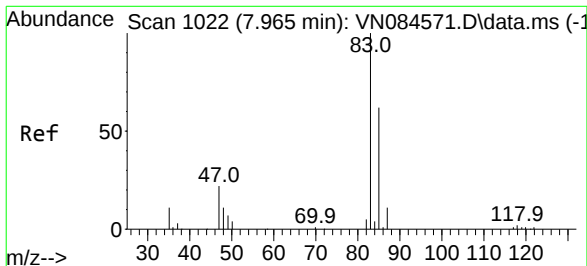
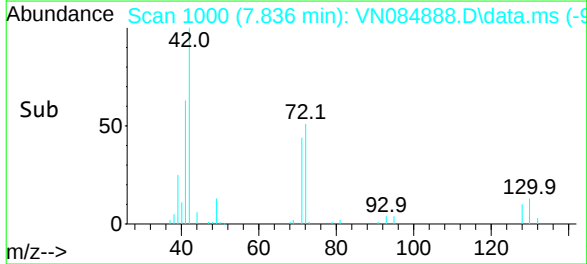
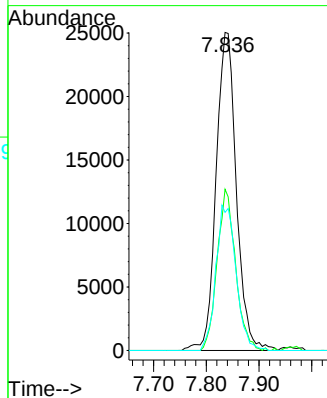
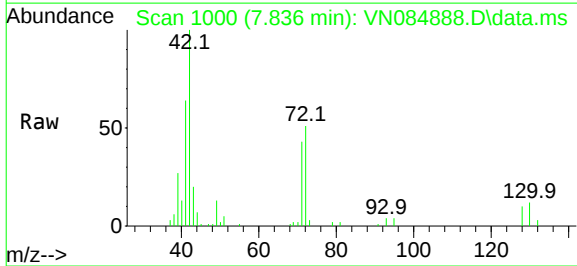
Tgt Ion: 42	Resp: 66707
Ion Ratio	Lower Upper
42 100	
72 46.2	34.6 51.8
71 45.5	32.2 48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#30

Chloroform

Concen: 19.711 ug/l

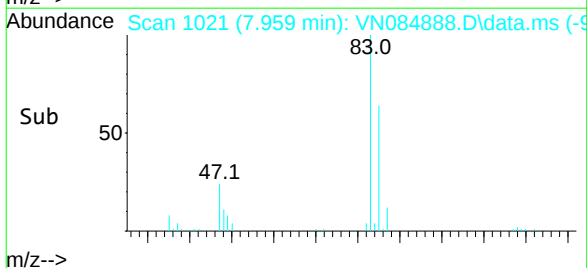
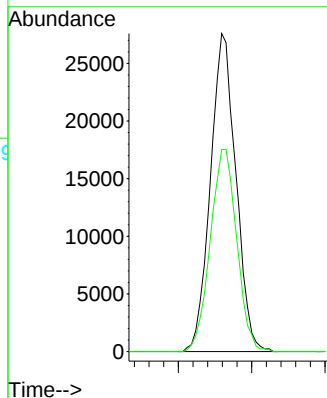
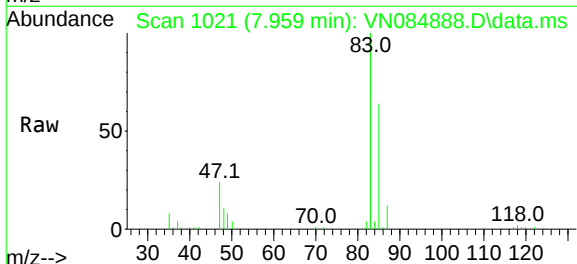
RT: 7.959 min Scan# 1021

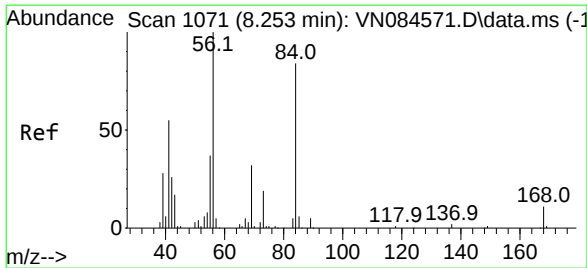
Delta R.T. -0.006 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Tgt Ion: 83	Resp: 66502
Ion Ratio	Lower Upper
83 100	
85 63.5	51.0 76.4





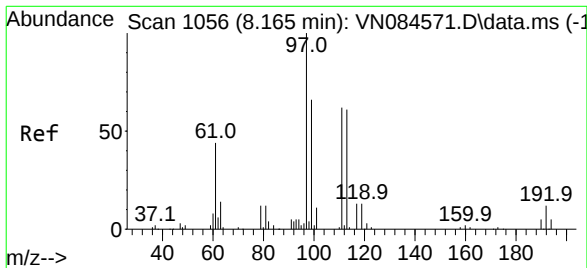
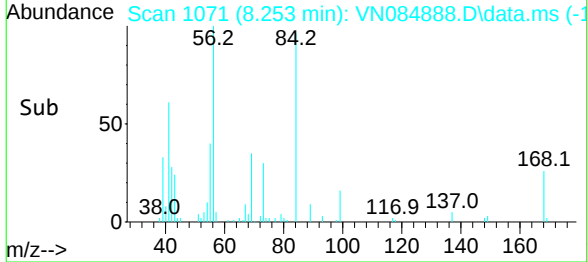
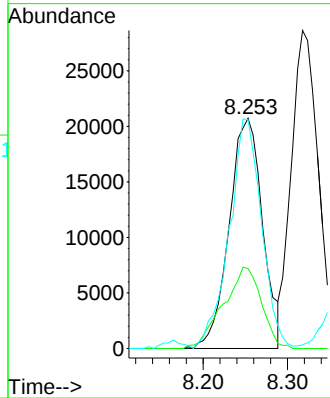
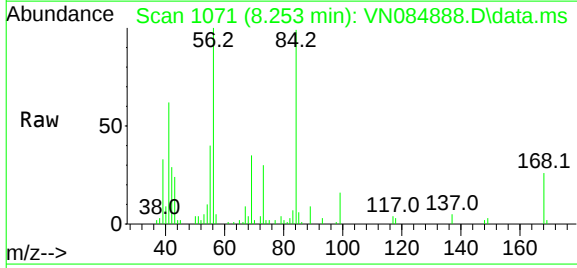
#31
Cyclohexane
Concen: 18.994 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion:	56	Resp:	56986
Ion Ratio	Lower	Upper	
56	100		
69	34.7	23.8	35.6
84	97.3	68.8	103.2

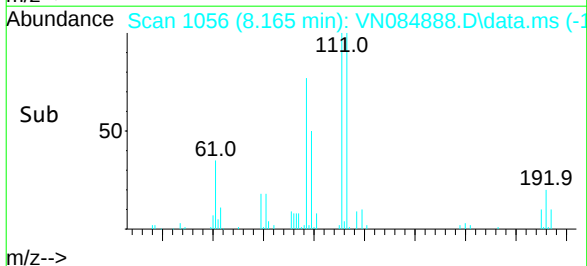
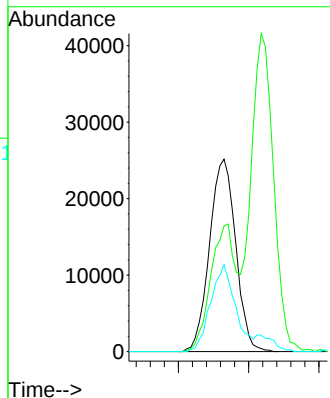
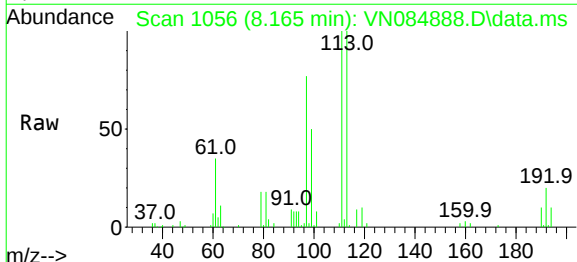
Manual Integrations
APPROVED

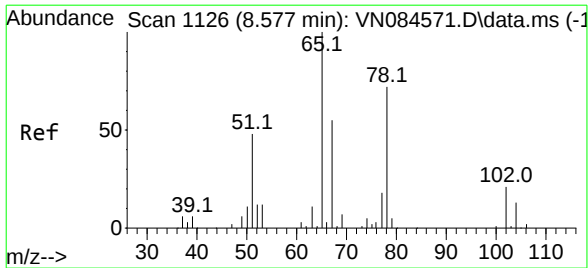
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#32
1,1,1-Trichloroethane
Concen: 21.182 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Tgt Ion:	97	Resp:	65046
Ion Ratio	Lower	Upper	
97	100		
99	65.3	51.2	76.8
61	42.9	37.5	56.3





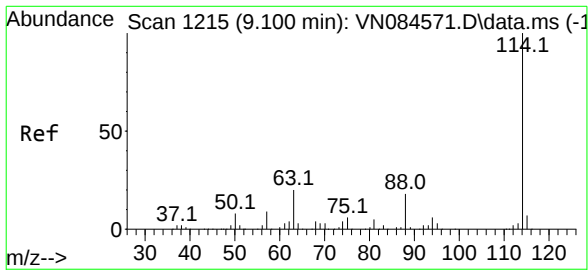
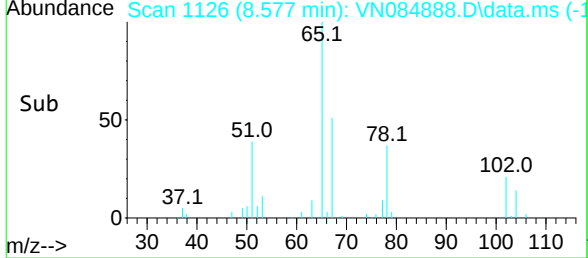
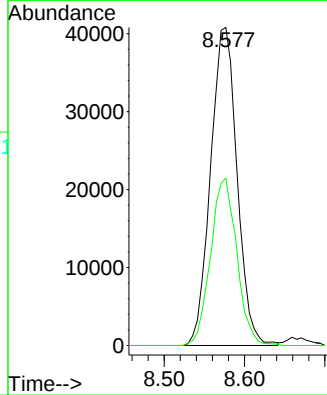
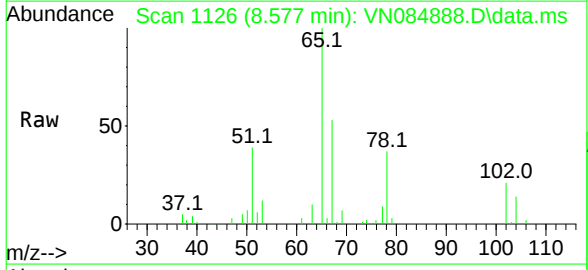
#33
1,2-Dichloroethane-d4
Concen: 42.975 ug/l
RT: 8.577 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion: 65 Resp: 93388
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.0

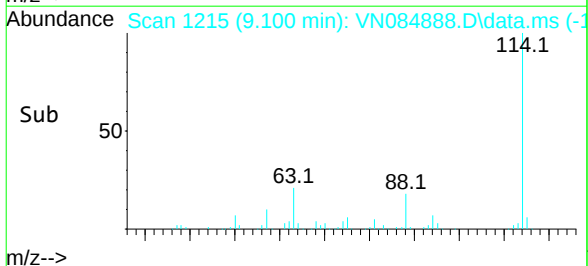
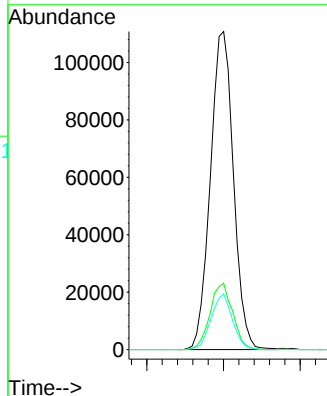
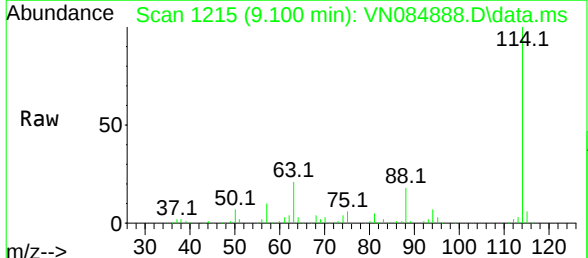
Manual Integrations
APPROVED

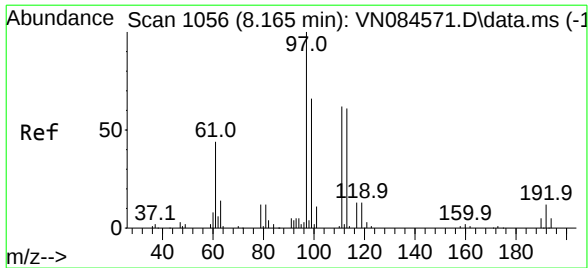
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

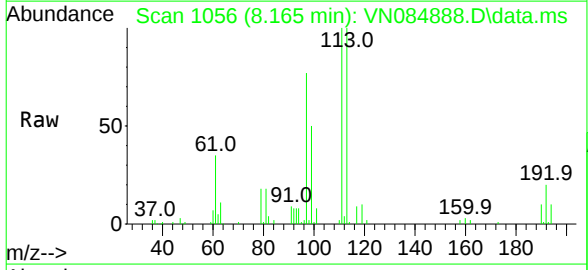
Tgt Ion:114 Resp: 231435
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.8
88 17.5 0.0 31.6





#35
 Dibromofluoromethane
 Concen: 50.797 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084888.D
 Acq: 17 Nov 2024 12:25

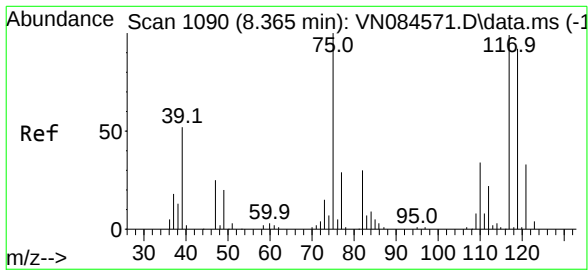
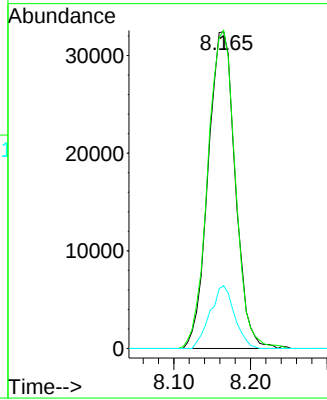
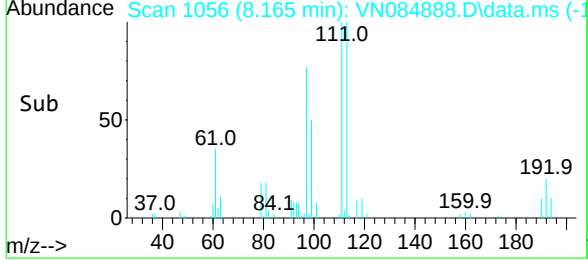
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBSD01



Tgt Ion:	113	Resp:	79576
Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.3	124.9
192	17.9	13.5	20.3

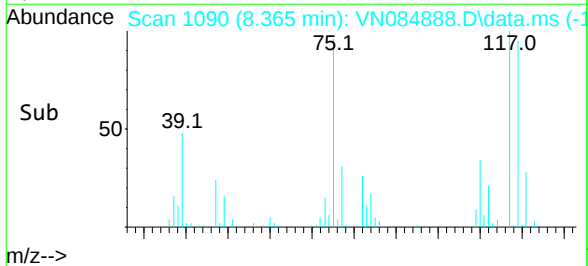
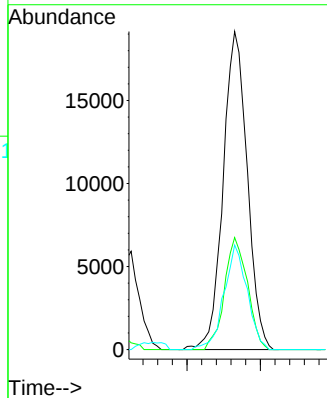
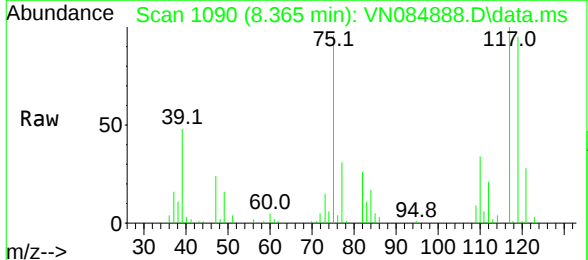
Manual Integrations
 APPROVED

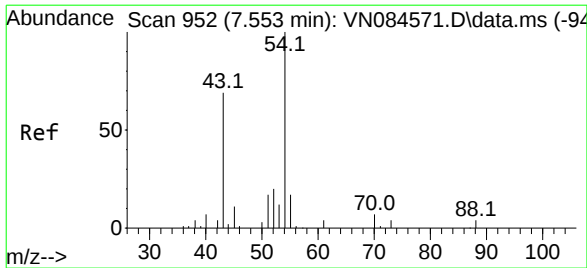
Reviewed By :John Carlone 11/18/2024
 Supervised By :Mahesh Dadoda 11/18/2024



#36
 1,1-Dichloropropene
 Concen: 20.130 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VN084888.D
 Acq: 17 Nov 2024 12:25

Tgt Ion:	75	Resp:	43734
Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.9	50.7
77	31.7	24.7	37.1





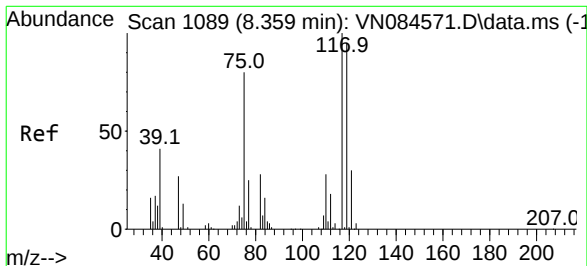
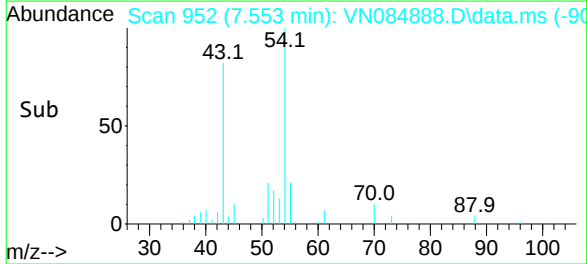
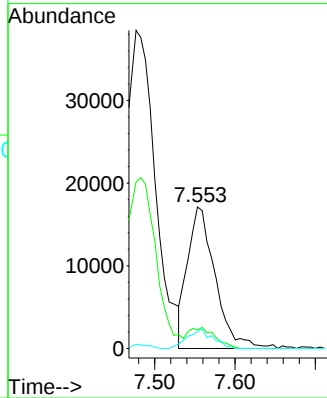
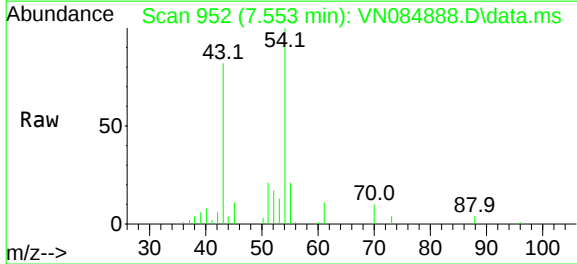
#37
Ethyl Acetate
Concen: 20.714 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.006 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion:	43	Resp:	40831
Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.7	16.1
70	12.5	8.8	13.2

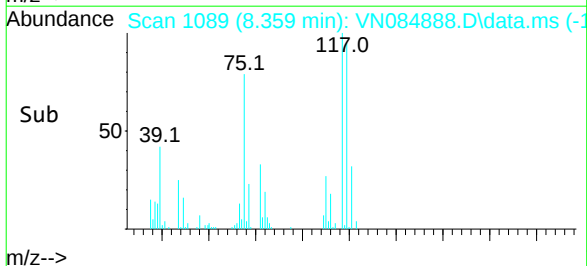
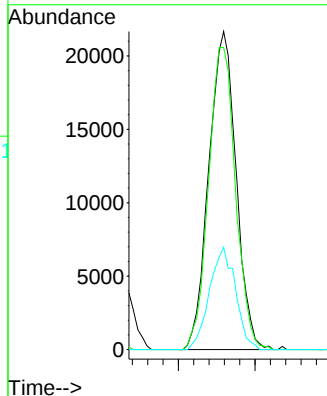
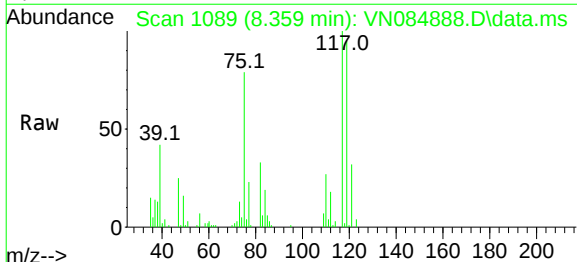
Manual Integrations
APPROVED

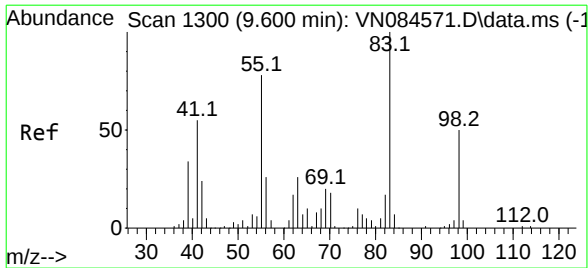
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#38
Carbon Tetrachloride
Concen: 22.041 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

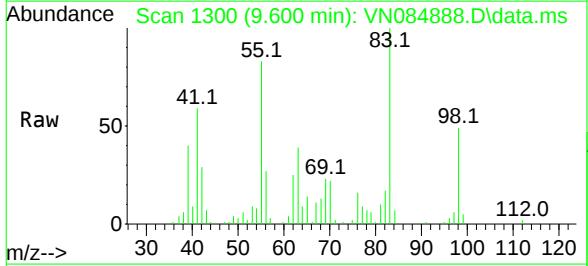
Tgt Ion:	117	Resp:	53525
Ion	Ratio	Lower	Upper
117	100		
119	95.0	78.7	118.1
121	32.2	24.4	36.6





#39
Methylcyclohexane
Concen: 21.990 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

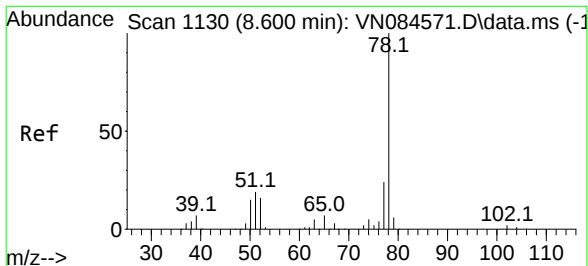
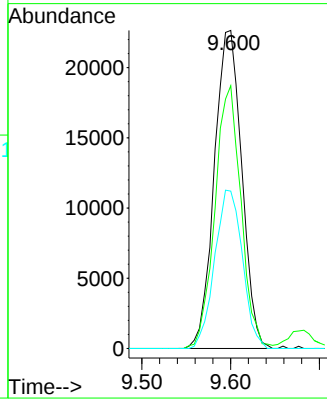
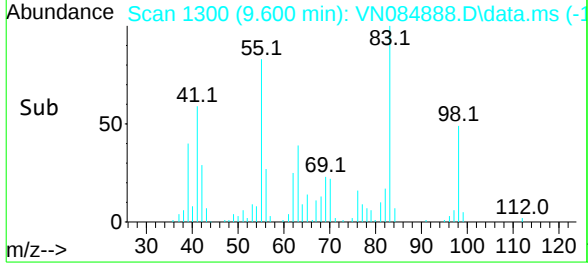
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion: 83 Resp: 48603
Ion Ratio Lower Upper
83 100
55 82.6 62.8 94.2
98 49.5 38.8 58.2

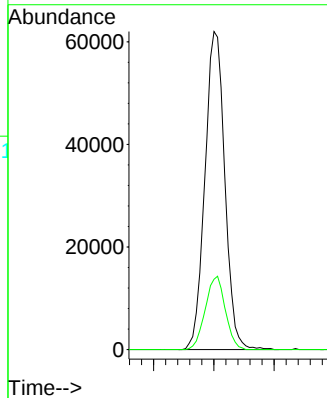
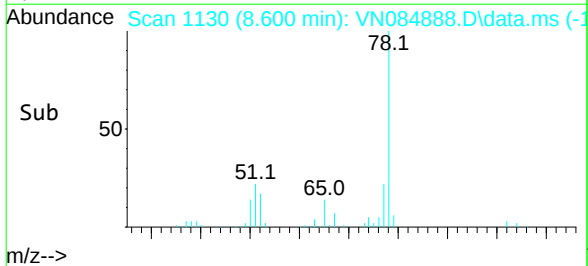
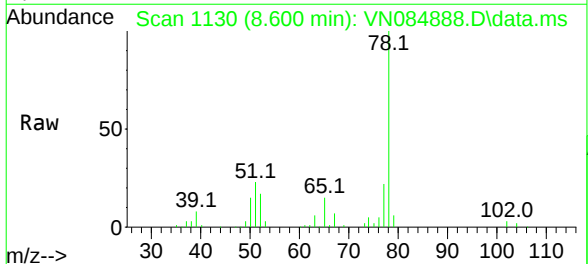
Manual Integrations
APPROVED

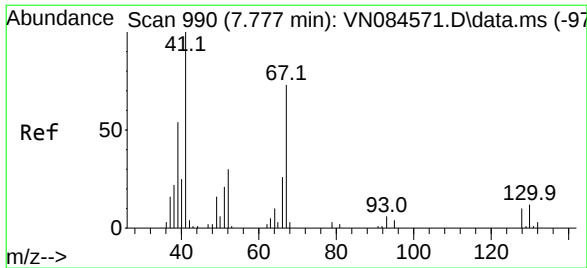
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#40
Benzene
Concen: 20.367 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Tgt Ion: 78 Resp: 142106
Ion Ratio Lower Upper
78 100
77 22.1 19.1 28.7





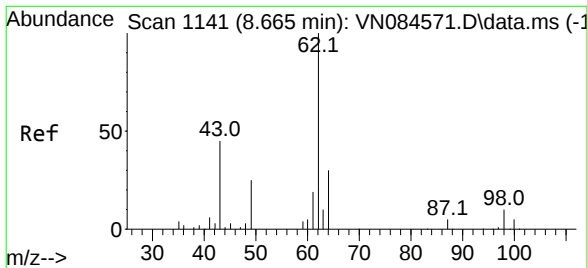
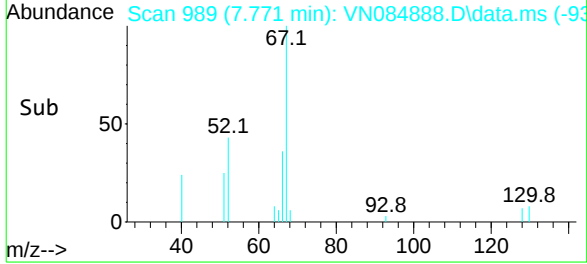
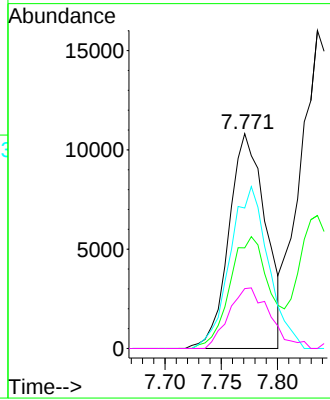
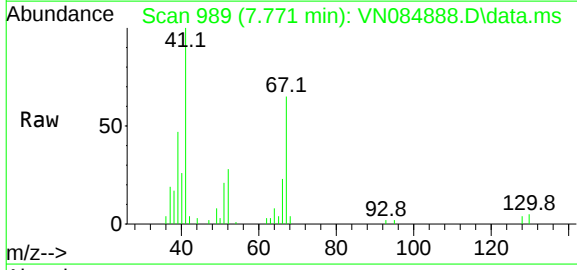
#41
Methacrylonitrile
Concen: 23.171 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion:	41	Resp:	24562
Ion	Ratio	Lower	Upper
41	100		
39	56.9	43.3	64.9
67	78.9	56.1	84.1
52	31.7	24.5	36.7

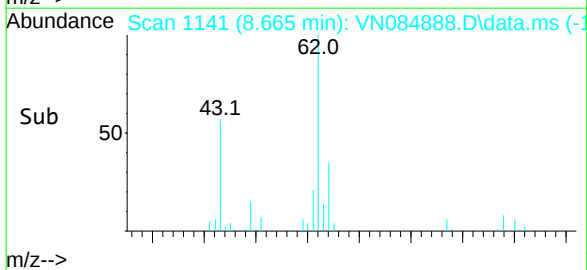
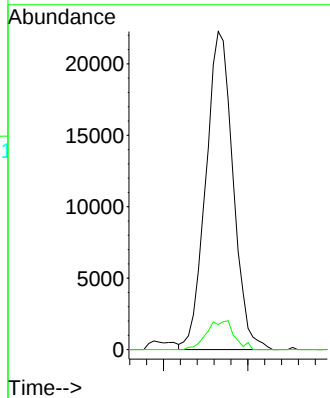
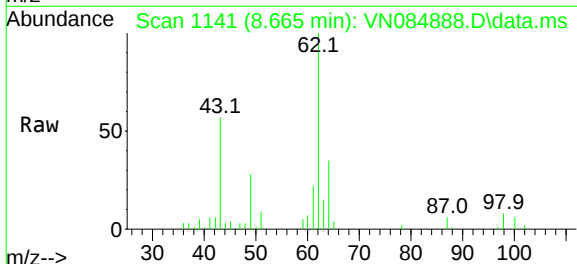
Manual Integrations
APPROVED

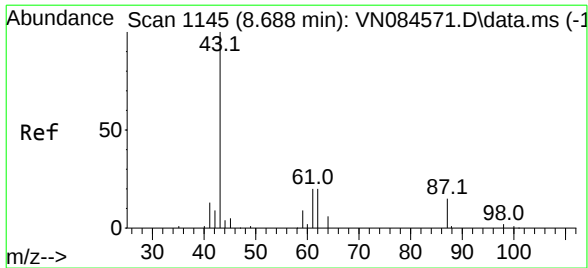
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#42
1,2-Dichloroethane
Concen: 22.080 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Tgt Ion:	62	Resp:	49893
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2





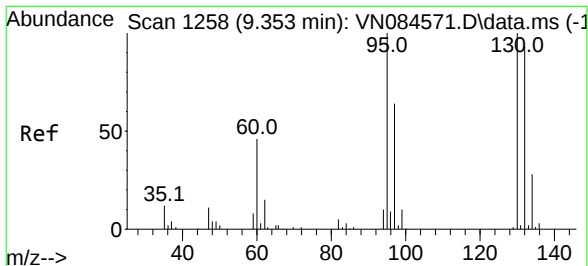
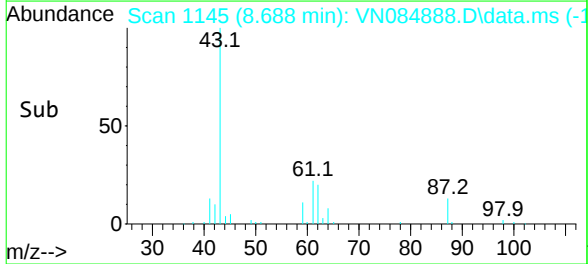
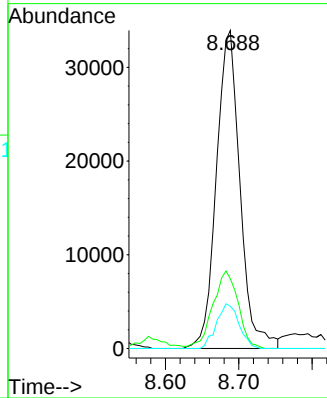
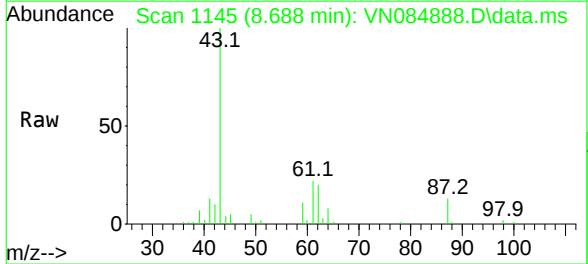
#43
Isopropyl Acetate
Concen: 20.310 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion: 43 Resp: 76047
Ion Ratio Lower Upper
43 100
61 26.1 20.4 30.6
87 13.4 10.3 15.5

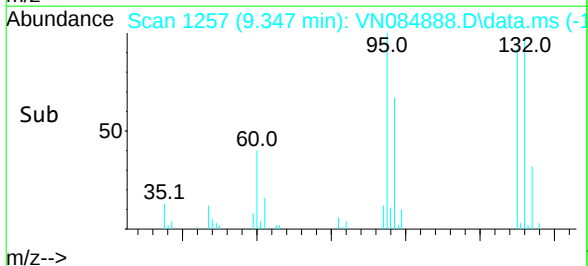
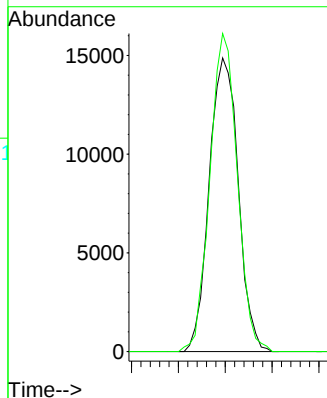
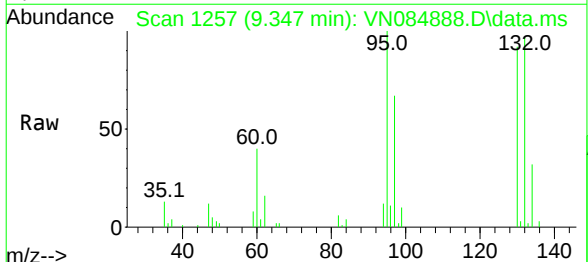
Manual Integrations
APPROVED

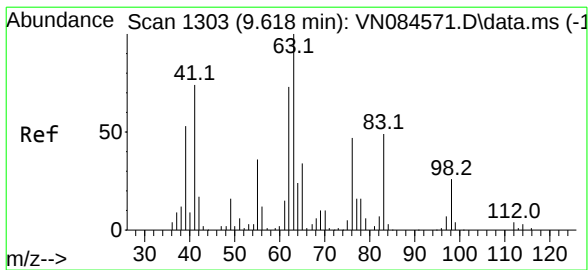
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#44
Trichloroethene
Concen: 19.926 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Tgt Ion:130 Resp: 32063
Ion Ratio Lower Upper
130 100
95 108.3 0.0 203.0





#45

1,2-Dichloropropane

Concen: 22.834 ug/l

RT: 9.618 min Scan# 13

Delta R.T. -0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

Tgt Ion: 63 Resp: 37373

Ion Ratio Lower Upper

63 100

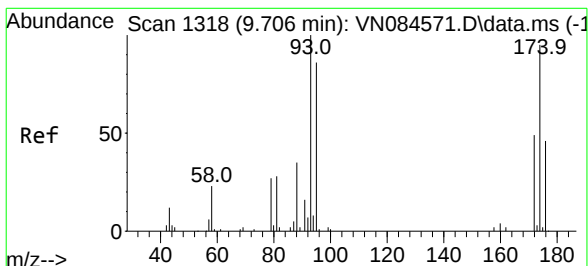
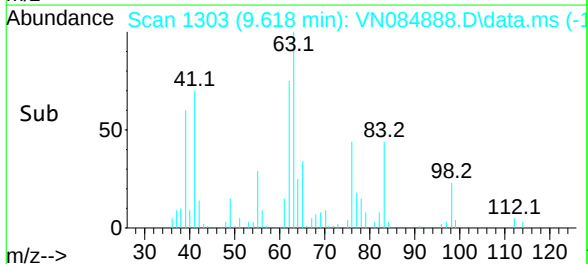
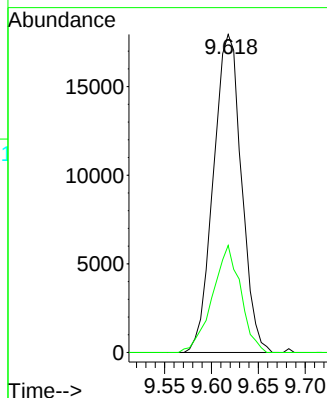
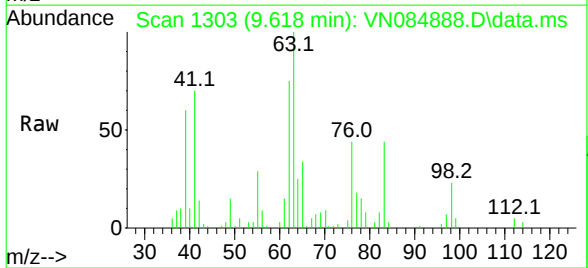
65 33.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#46

Dibromomethane

Concen: 22.098 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

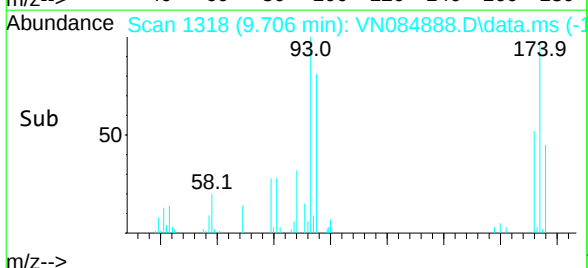
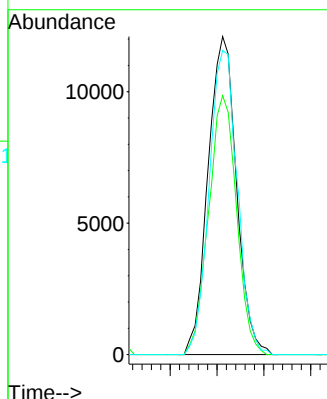
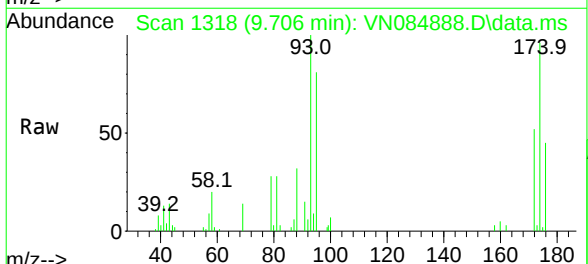
Tgt Ion: 93 Resp: 25522

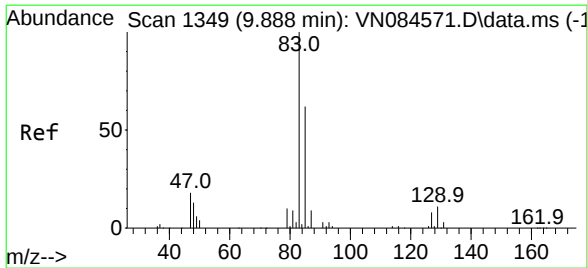
Ion Ratio Lower Upper

93 100

95 79.8 65.0 97.4

174 94.6 71.8 107.8





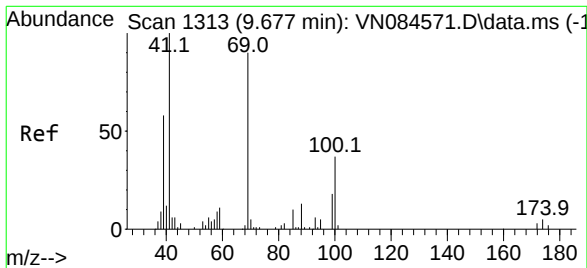
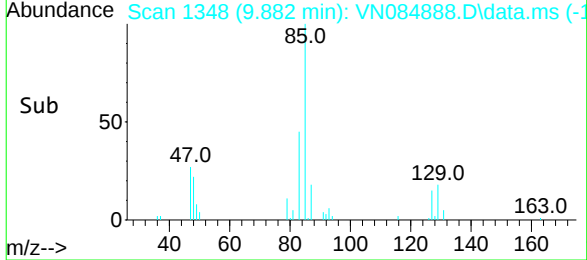
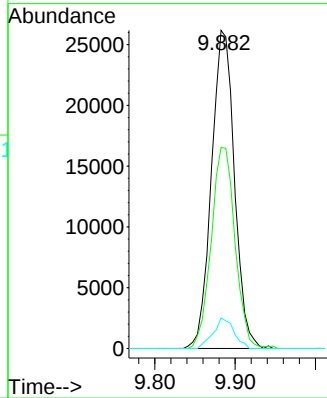
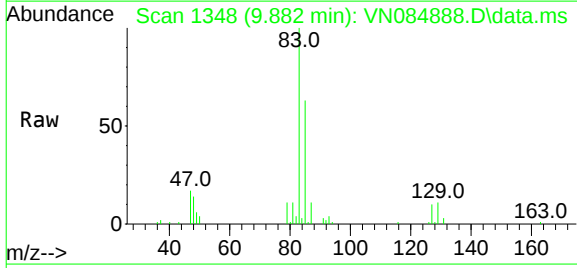
#47
Bromodichloromethane
Concen: 21.338 ug/l
RT: 9.882 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion: 83 Resp: 51947
Ion Ratio Lower Upper
83 100
85 63.2 51.5 77.3
127 9.6 5.7 8.5#

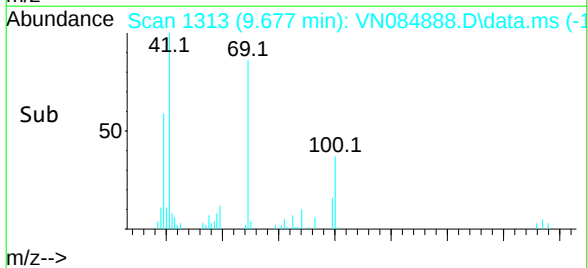
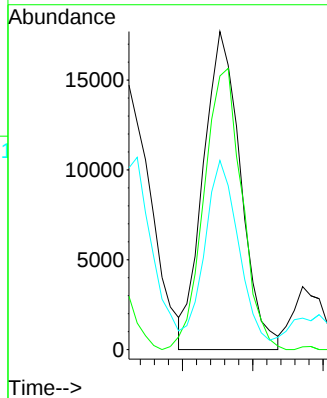
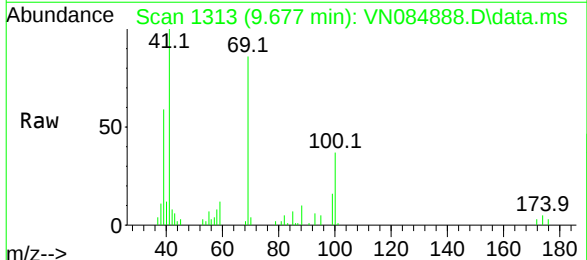
Manual Integrations
APPROVED

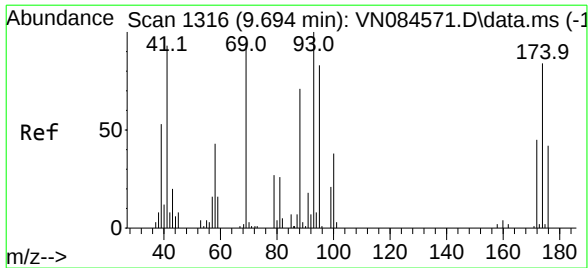
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#48
Methyl methacrylate
Concen: 21.361 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

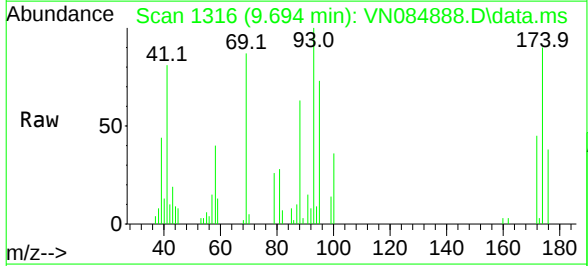
Tgt Ion: 41 Resp: 32771
Ion Ratio Lower Upper
41 100
69 89.2 67.1 100.7
39 55.4 45.8 68.6





#49
1,4-Dioxane
Concen: 434.092 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

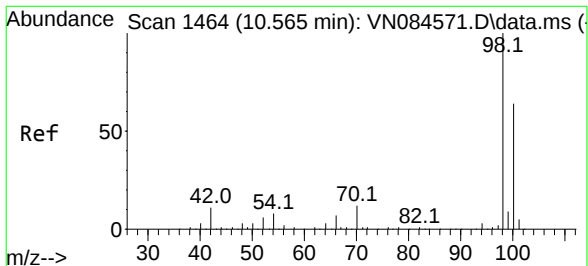
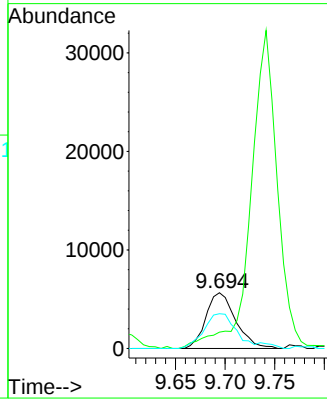
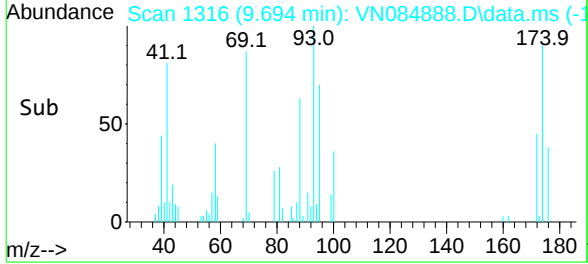
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion: 88 Resp: 11801
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 71.8 56.4 84.6

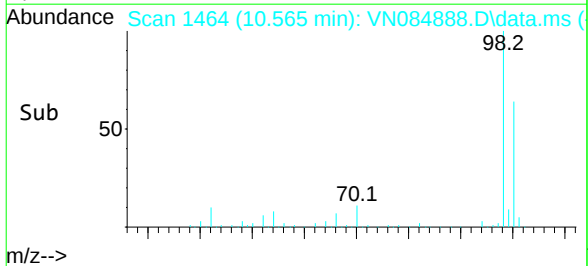
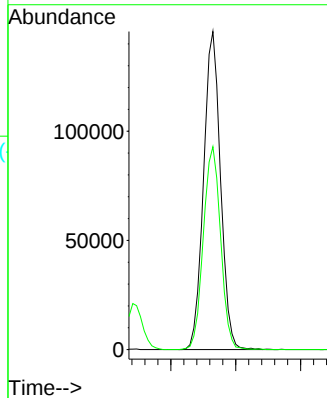
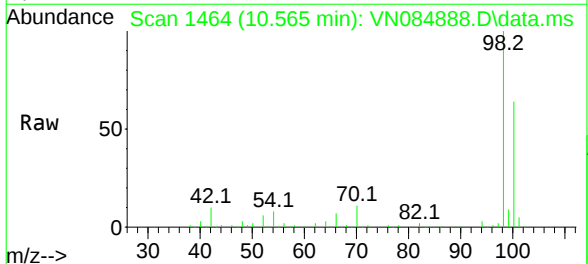
Manual Integrations
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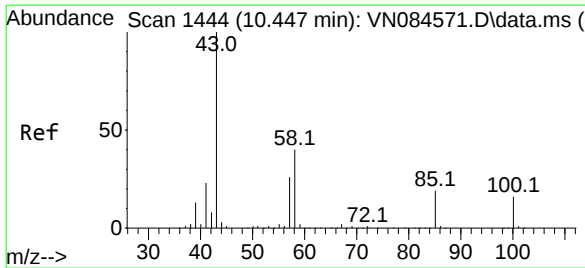
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#50
Toluene-d8
Concen: 45.761 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Tgt Ion: 98 Resp: 264068
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1





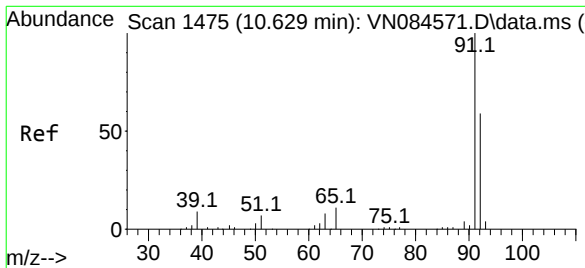
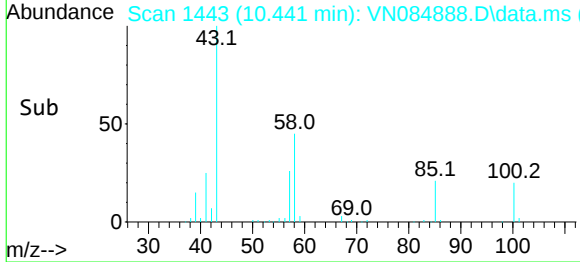
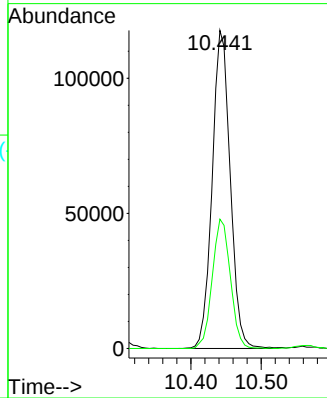
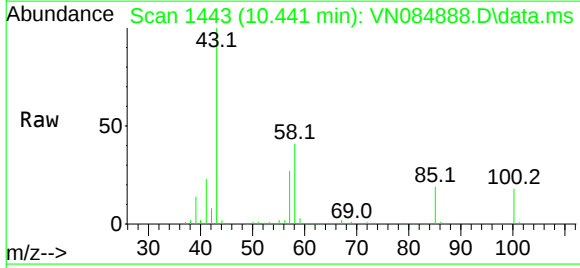
#51
4-Methyl-2-Pentanone
Concen: 111.825 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion: 43 Resp: 210133
Ion Ratio Lower Upper
43 100
58 40.8 31.6 47.4

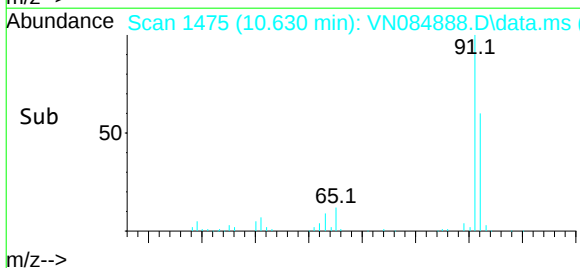
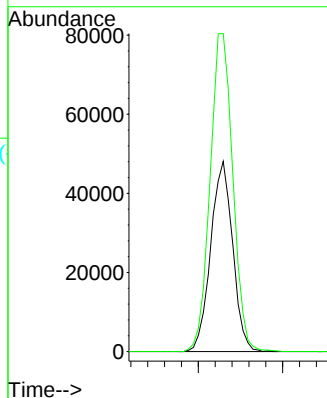
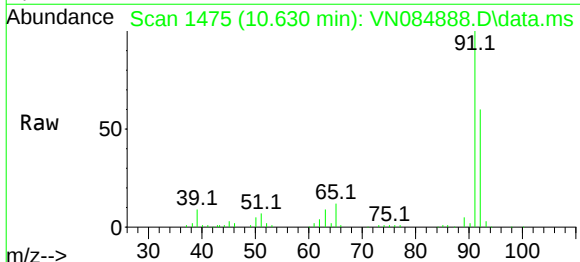
Manual Integrations
APPROVED

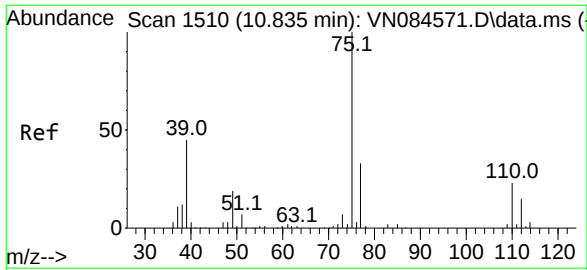
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#52
Toluene
Concen: 21.320 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

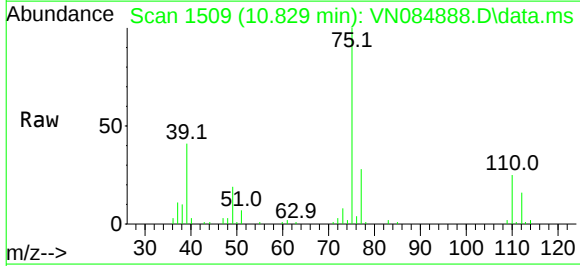
Tgt Ion: 92 Resp: 86999
Ion Ratio Lower Upper
92 100
91 173.4 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 20.554 ug/l
RT: 10.829 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

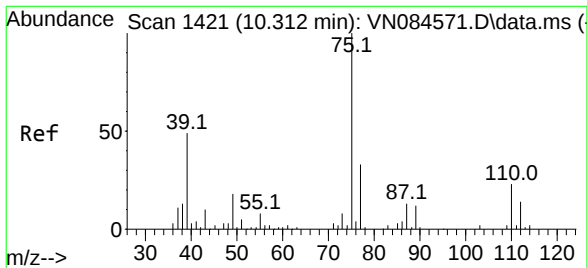
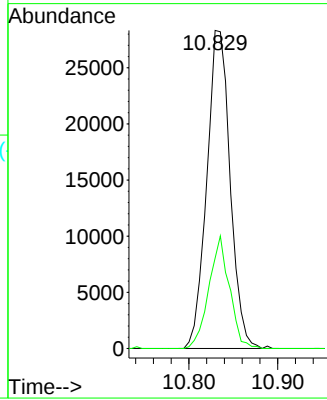
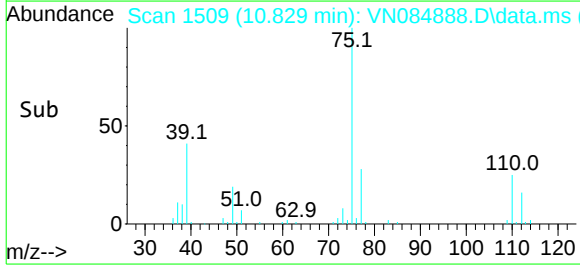
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion: 75 Resp: 51795
Ion Ratio Lower Upper
75 100
77 28.4 25.4 38.0

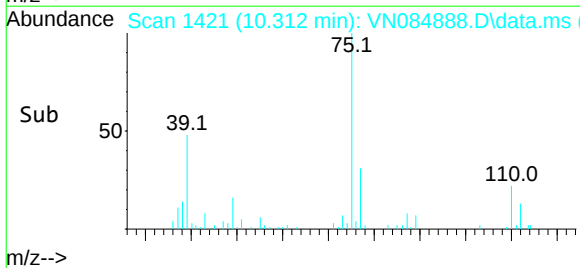
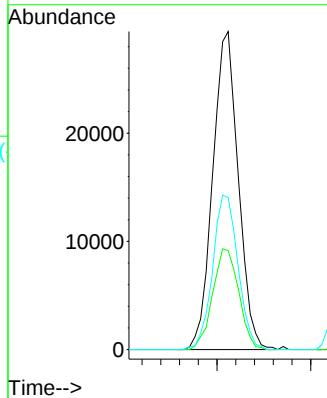
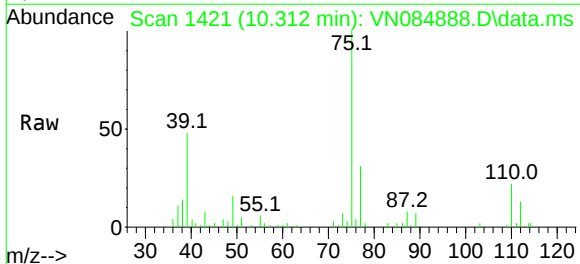
Manual Integrations
APPROVED

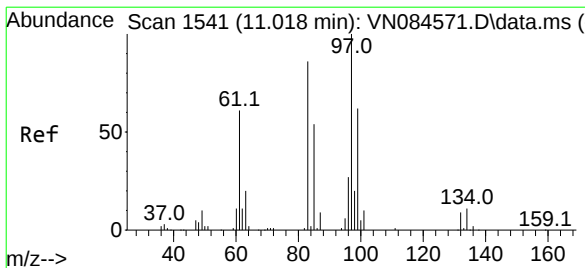
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#54
cis-1,3-Dichloropropene
Concen: 20.836 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

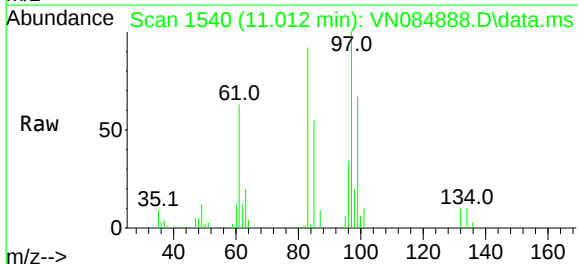
Tgt Ion: 75 Resp: 55571
Ion Ratio Lower Upper
75 100
77 31.1 24.2 36.2
39 47.8 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 23.993 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

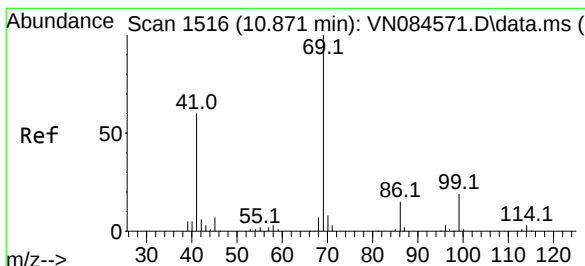
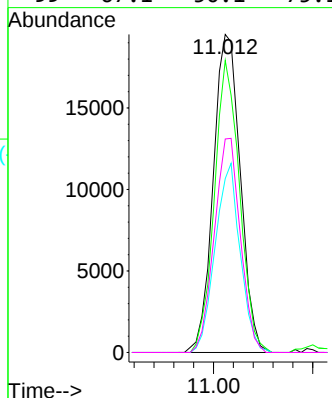
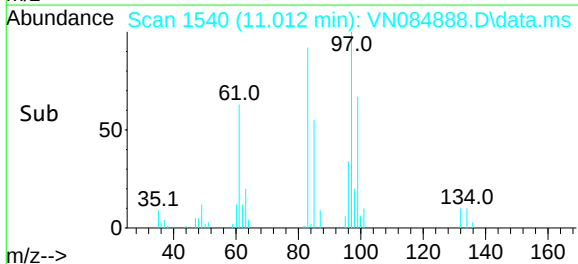
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion:	97	Resp:	36880
Ion	Ratio	Lower	Upper
97	100		
83	91.8	71.0	106.4
85	54.7	41.7	62.5
99	67.1	50.1	75.1

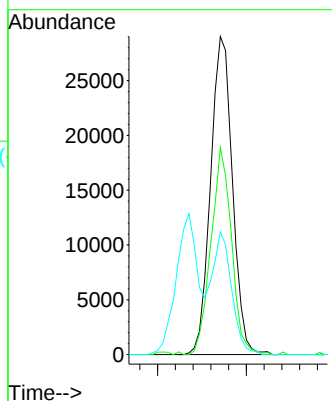
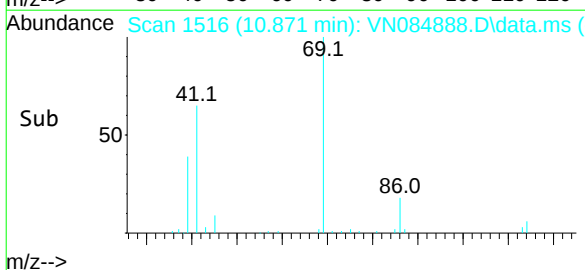
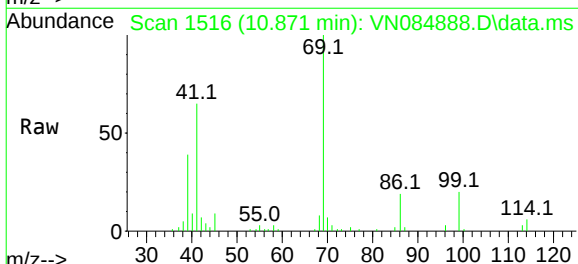
Manual Integrations
APPROVED

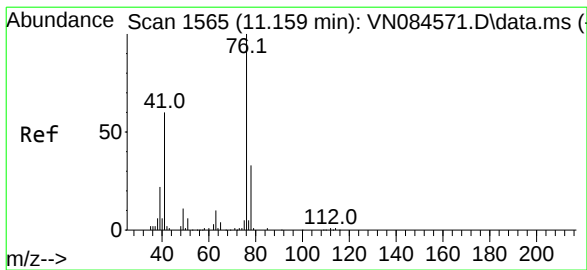
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#56
Ethyl methacrylate
Concen: 22.344 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Tgt Ion:	69	Resp:	49679
Ion	Ratio	Lower	Upper
69	100		
41	61.4	53.3	79.9
39	34.7	28.8	43.2





#57

1,3-Dichloropropane

Concen: 24.110 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

Tgt Ion: 76 Resp: 63603

Ion Ratio Lower Upper

76 100

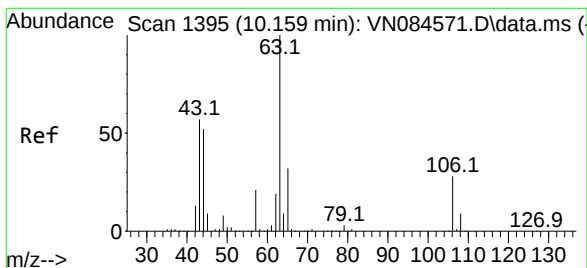
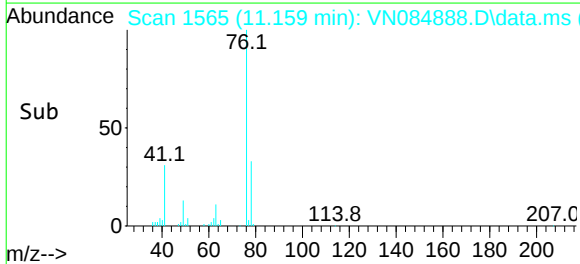
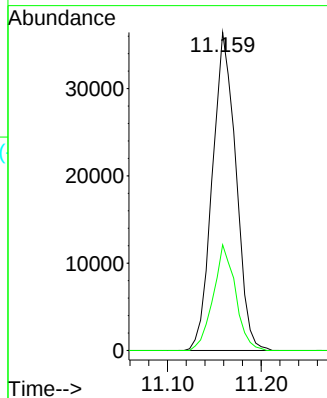
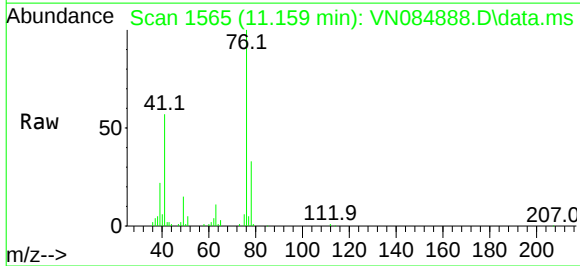
78 31.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#58

2-Chloroethyl Vinyl ether

Concen: 89.836 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084888.D

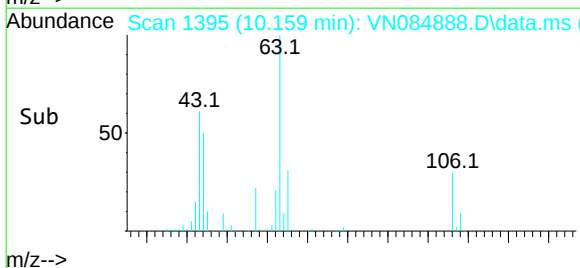
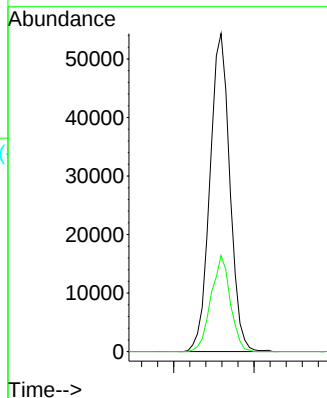
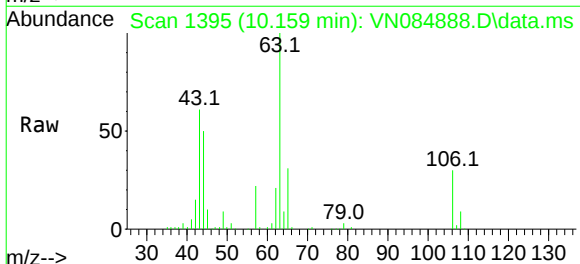
Acq: 17 Nov 2024 12:25

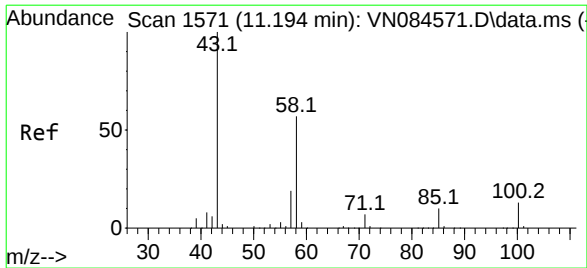
Tgt Ion: 63 Resp: 93465

Ion Ratio Lower Upper

63 100

106 29.2 21.8 32.6





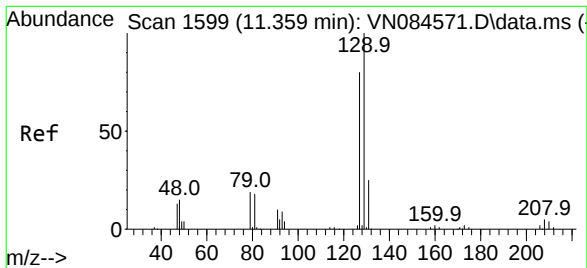
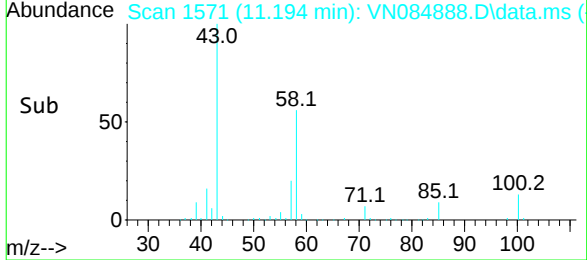
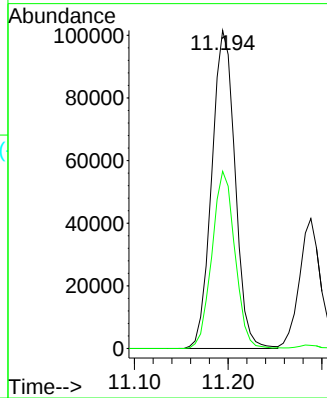
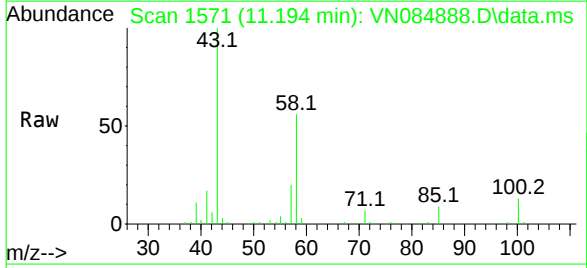
#59
2-Hexanone
Concen: 128.087 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion: 43 Resp: 175196
Ion Ratio Lower Upper
43 100
58 54.9 27.3 81.8

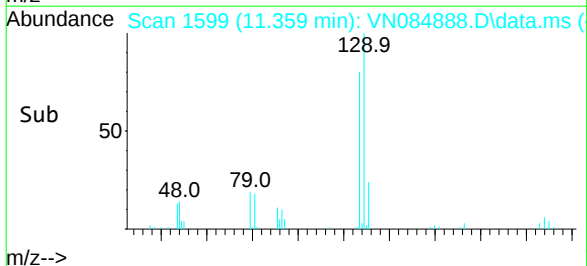
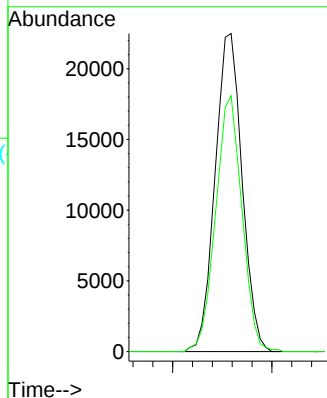
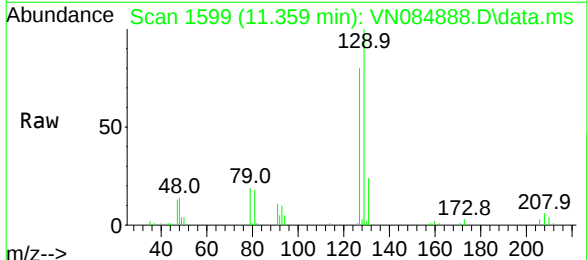
Manual Integrations
APPROVED

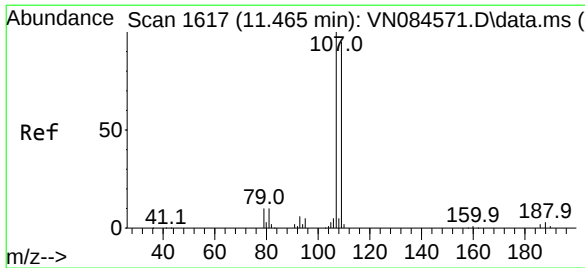
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#60
Dibromochloromethane
Concen: 24.276 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Tgt Ion:129 Resp: 42528
Ion Ratio Lower Upper
129 100
127 78.4 38.3 114.9





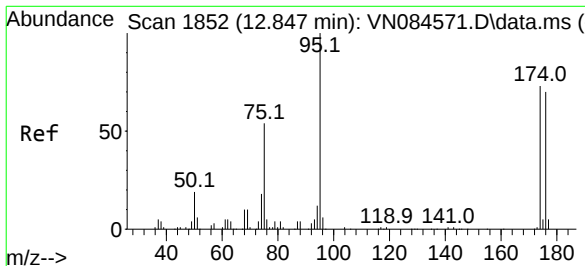
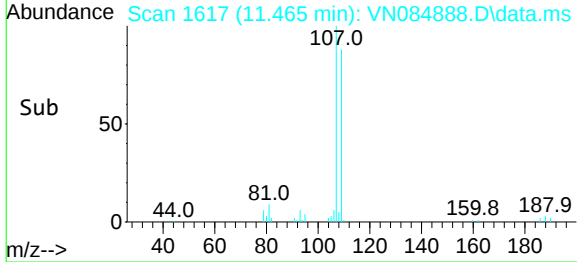
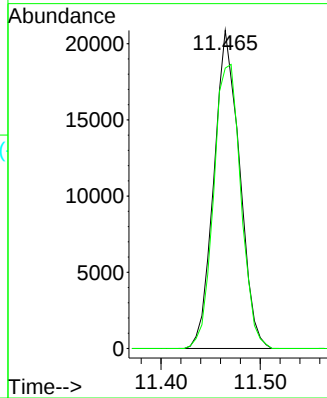
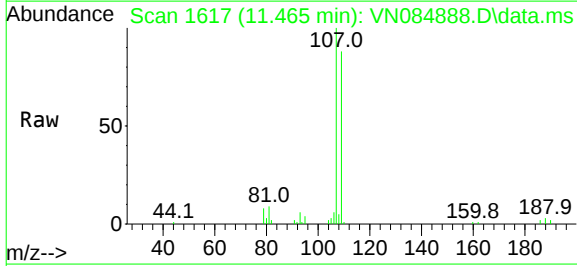
#61
1,2-Dibromoethane
Concen: 23.858 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion: 107 Resp: 37554
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.0

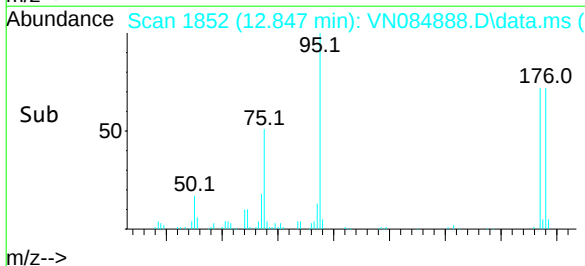
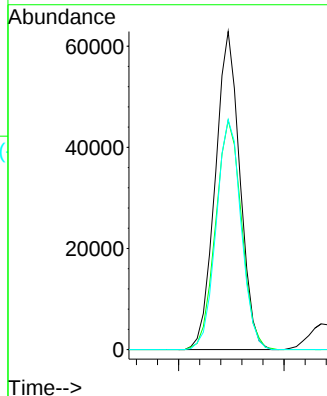
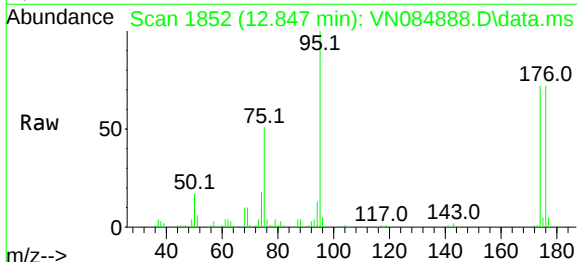
Manual Integrations
APPROVED

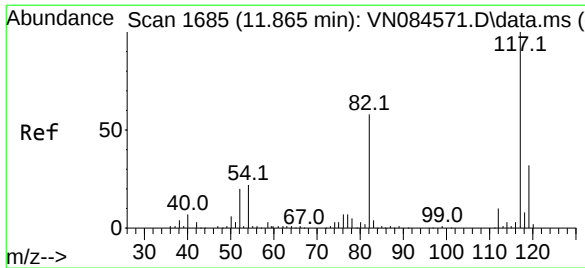
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#62
4-Bromofluorobenzene
Concen: 47.353 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Tgt Ion: 95 Resp: 102125
Ion Ratio Lower Upper
95 100
174 75.6 0.0 145.2
176 73.0 0.0 140.0





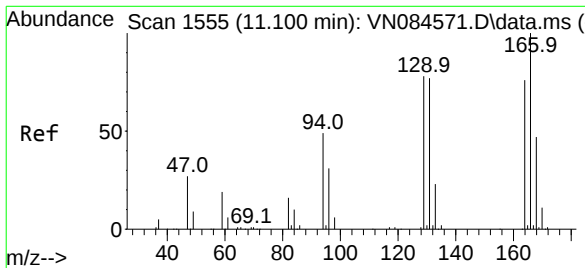
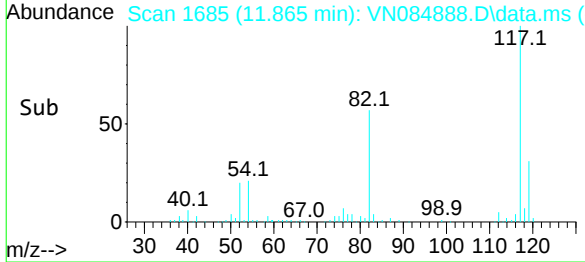
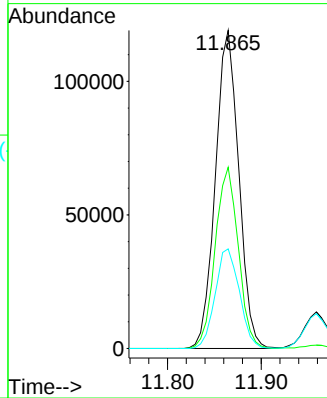
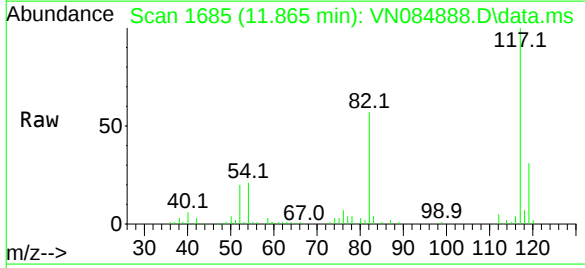
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion:	117	Resp:	206447
Ion	Ratio	Lower	Upper
117	100		
82	57.0	47.2	70.8
119	31.3	25.4	38.0

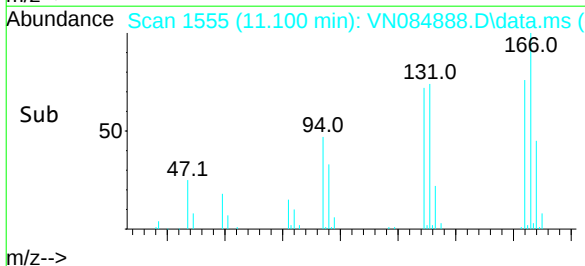
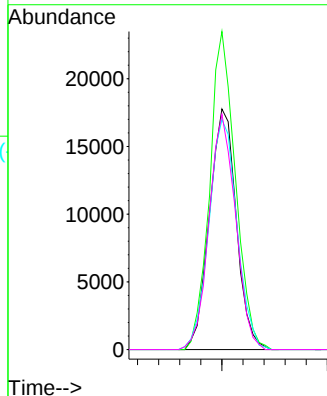
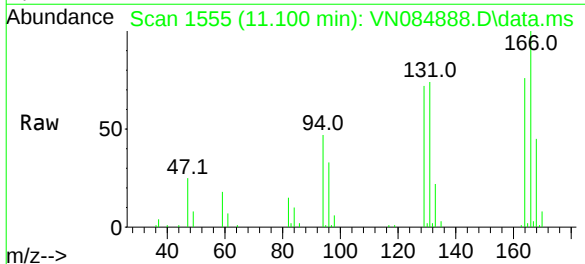
Manual Integrations
APPROVED

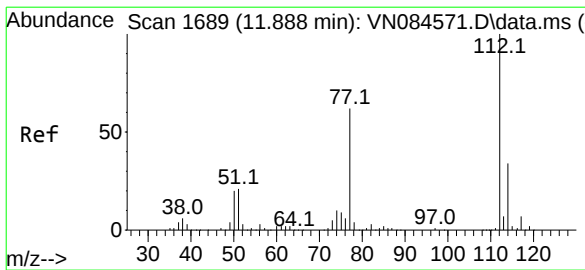
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#64
Tetrachloroethene
Concen: 22.892 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Tgt Ion:	164	Resp:	31436
Ion	Ratio	Lower	Upper
164	100		
166	132.2	101.0	151.4
129	95.6	80.8	121.2
131	97.7	78.1	117.1





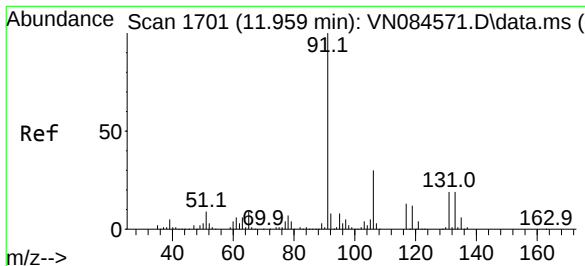
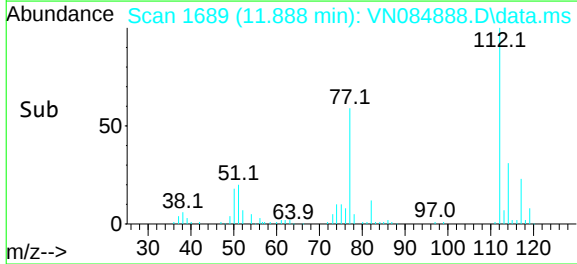
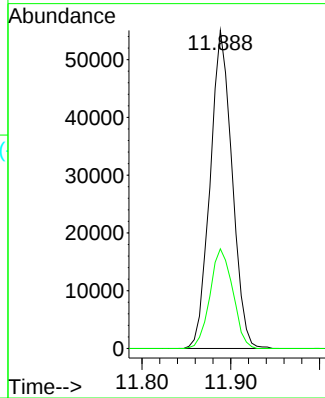
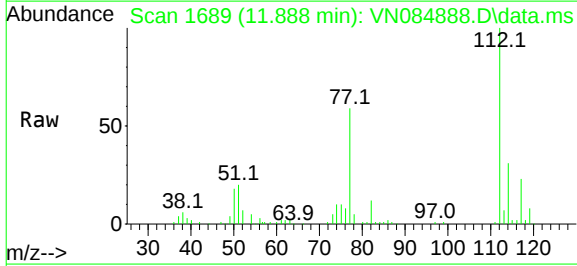
#65
Chlorobenzene
Concen: 20.488 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion:112 Resp: 94628
Ion Ratio Lower Upper
112 100
114 31.3 27.0 40.6

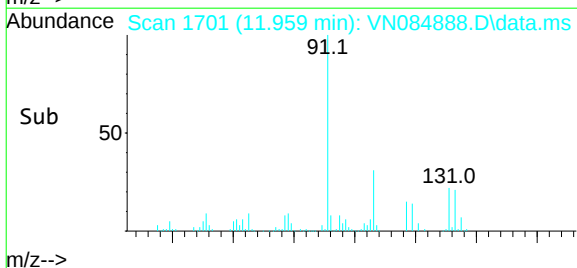
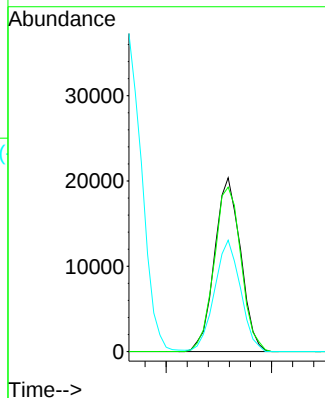
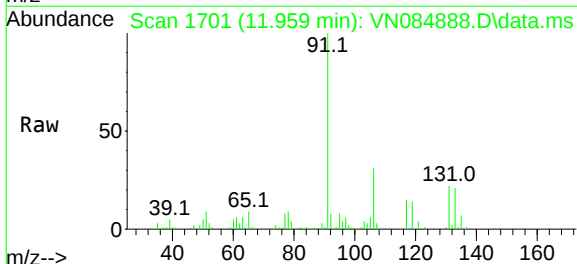
Manual Integrations
APPROVED

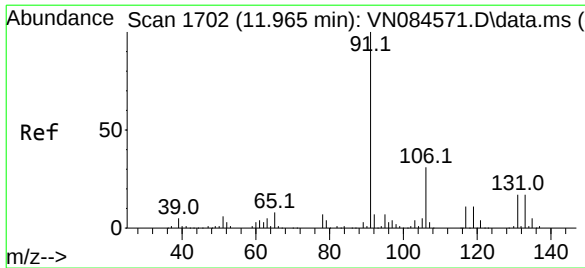
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 21.811 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Tgt Ion:131 Resp: 35039
Ion Ratio Lower Upper
131 100
133 97.9 47.9 143.7
119 63.9 32.8 98.3





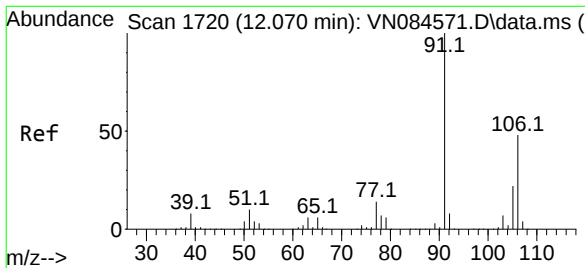
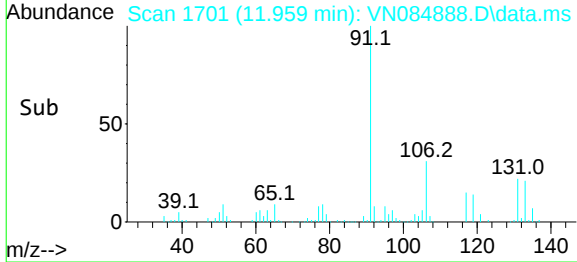
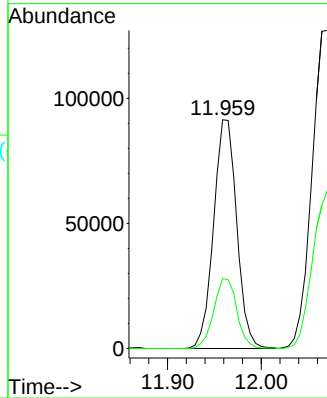
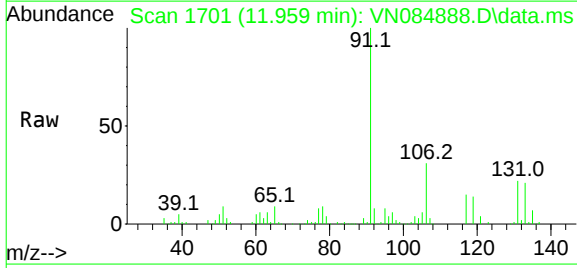
#67
Ethyl Benzene
Concen: 20.335 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion: 91 Resp: 156771
Ion Ratio Lower Upper
91 100
106 30.5 24.5 36.7

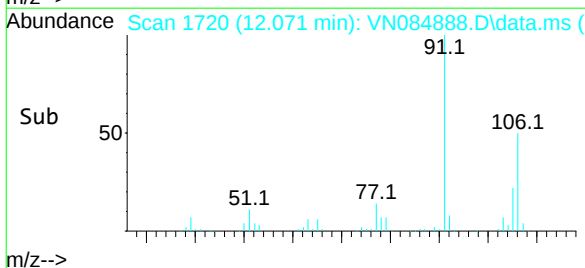
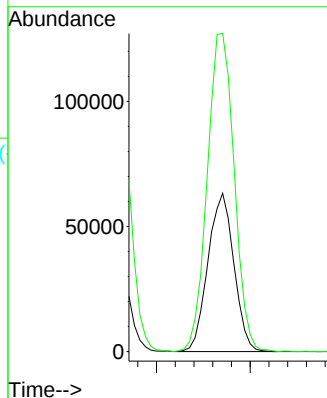
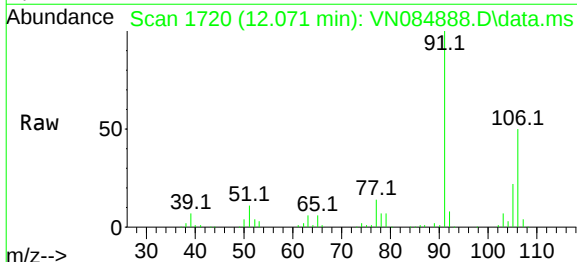
Manual Integrations
APPROVED

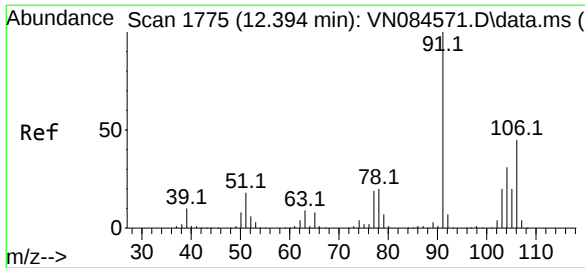
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#68
m/p-Xylenes
Concen: 41.664 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Tgt Ion:106 Resp: 121606
Ion Ratio Lower Upper
106 100
91 209.2 167.1 250.7





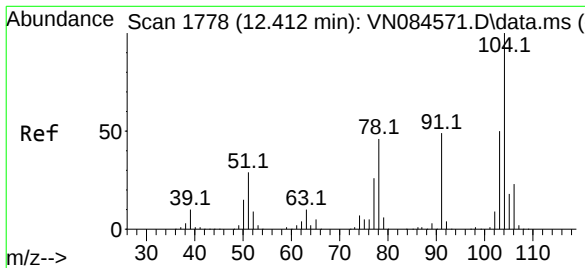
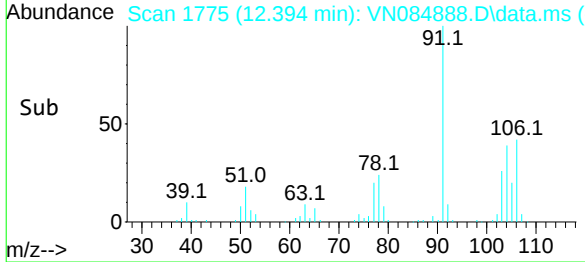
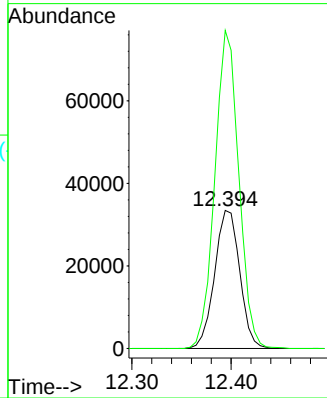
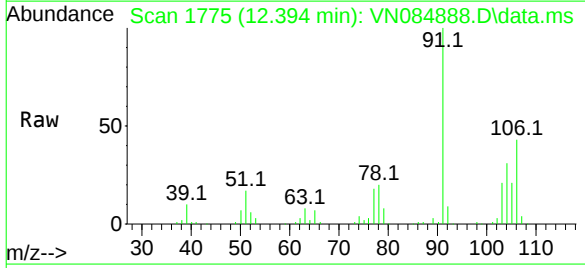
#69
o-Xylene
Concen: 21.510 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion:106 Resp: 58729
Ion Ratio Lower Upper
106 100
91 220.1 110.2 330.6

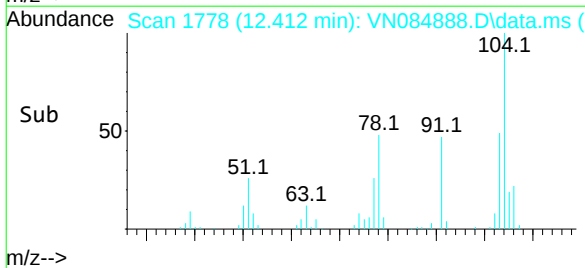
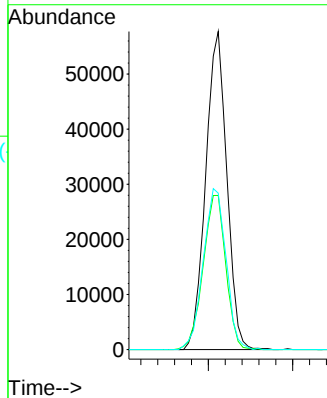
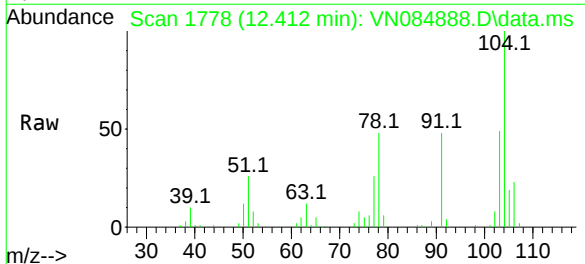
Manual Integrations
APPROVED

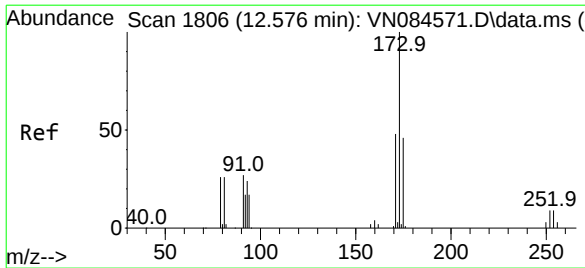
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#70
Styrene
Concen: 21.089 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Tgt Ion:104 Resp: 100446
Ion Ratio Lower Upper
104 100
78 51.9 42.7 64.1
103 54.6 43.6 65.4





#71

Bromoform

Concen: 22.904 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

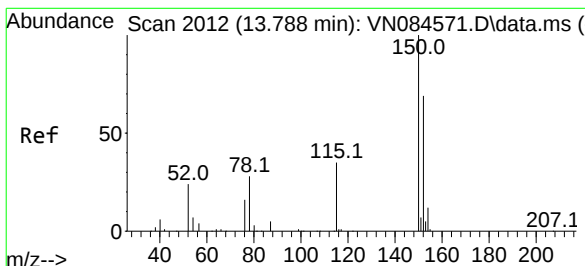
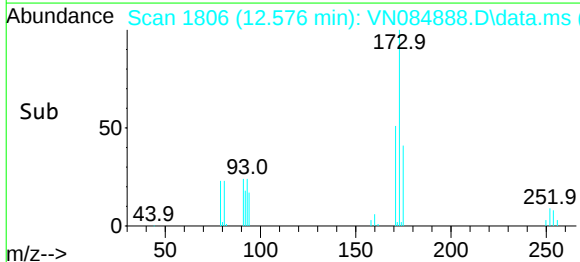
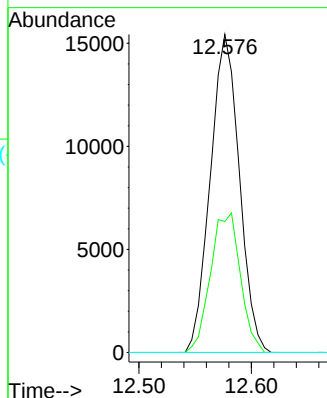
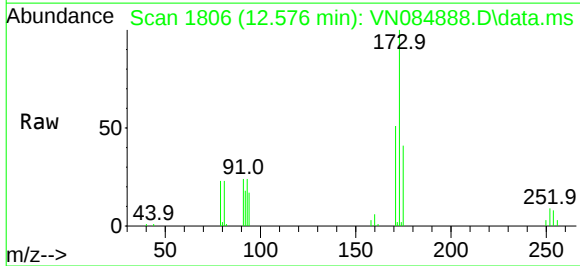
Tgt Ion:	173	Resp:	27687
Ion Ratio	Lower	Upper	
173	100		
175	45.2	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

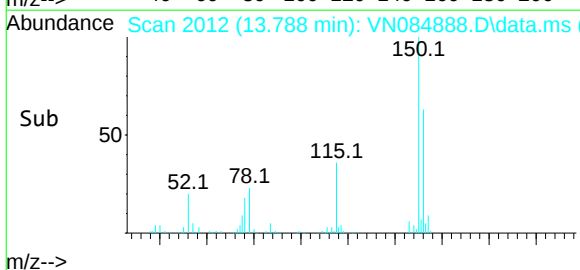
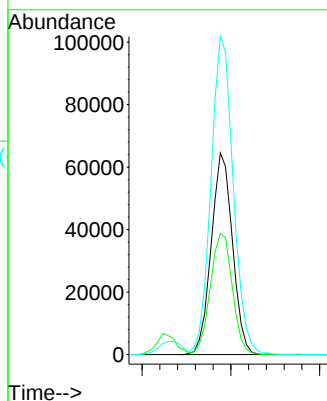
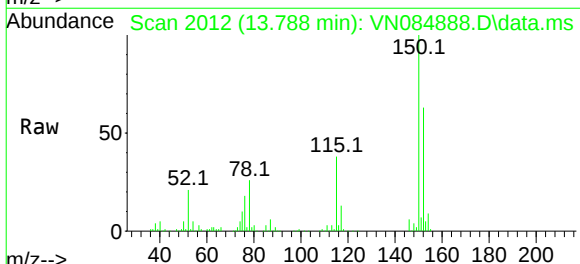
RT: 13.788 min Scan# 2012

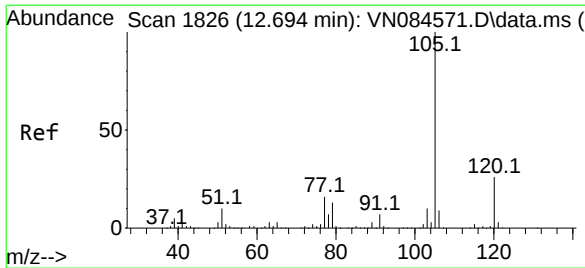
Delta R.T. 0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Tgt Ion:	152	Resp:	107306
Ion Ratio	Lower	Upper	
152	100		
115	62.4	31.3	93.9
150	165.5	0.0	349.8





#73

Isopropylbenzene

Concen: 19.371 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

Tgt Ion: 105 Resp: 145662

Ion Ratio Lower Upper

105 100

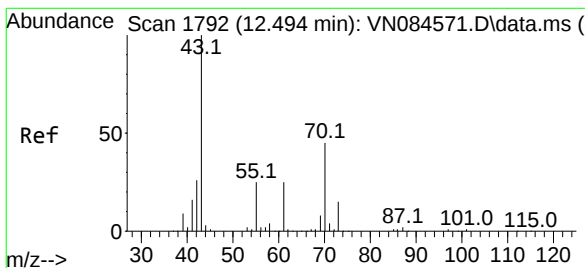
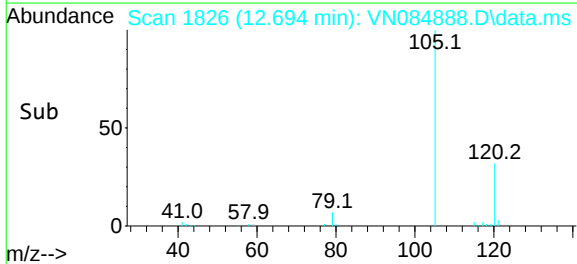
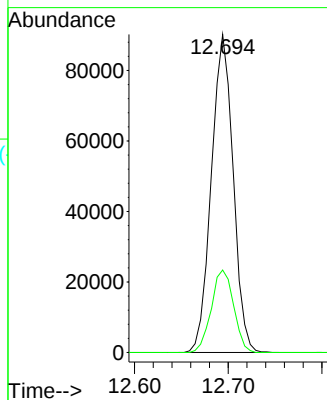
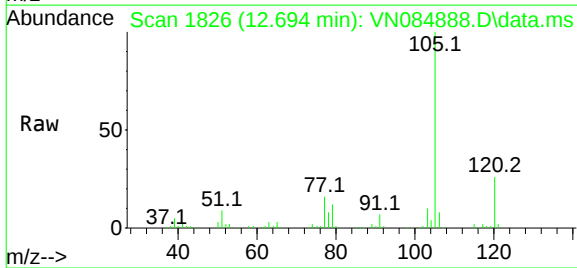
120 26.5 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#74

N-ethyl acetate

Concen: 19.132 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Tgt Ion: 43 Resp: 61232

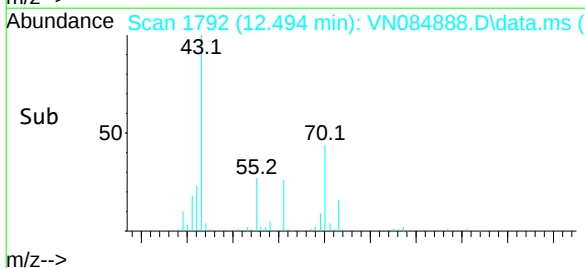
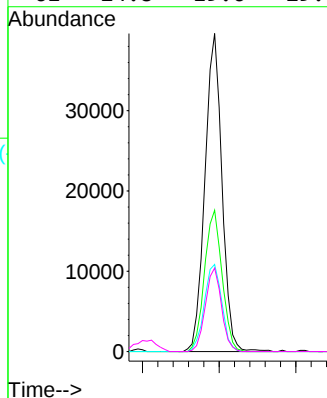
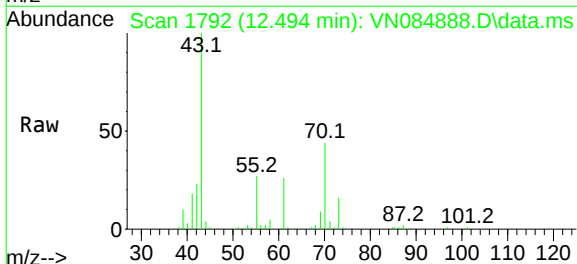
Ion Ratio Lower Upper

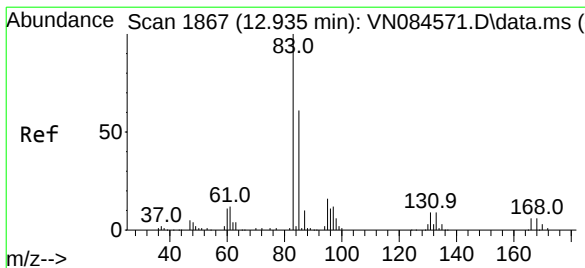
43 100

70 45.7 34.4 51.6

55 28.0 19.6 29.4

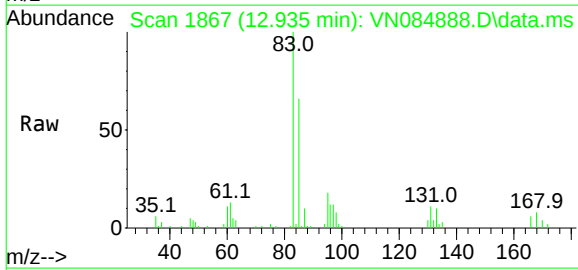
61 24.8 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 19.870 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

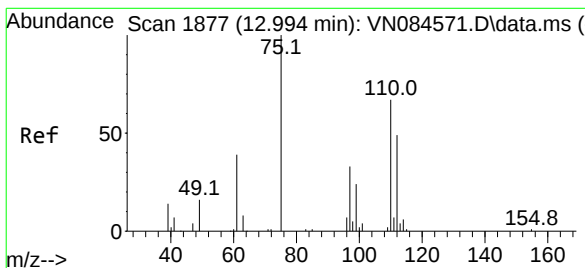
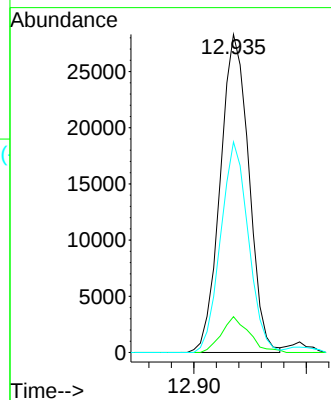
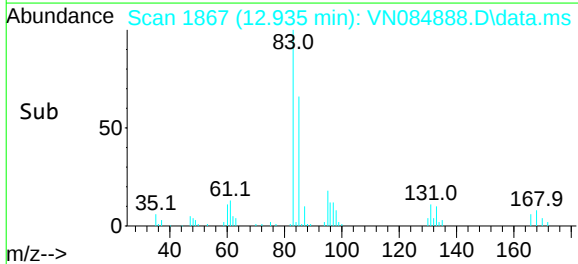
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion	83	Resp	49874
Ion	Ratio	Lower	Upper
83	100		
131	10.9	4.9	14.7
85	64.3	31.9	95.7

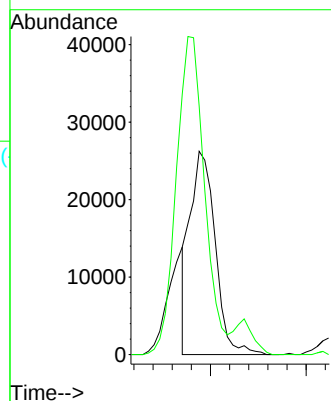
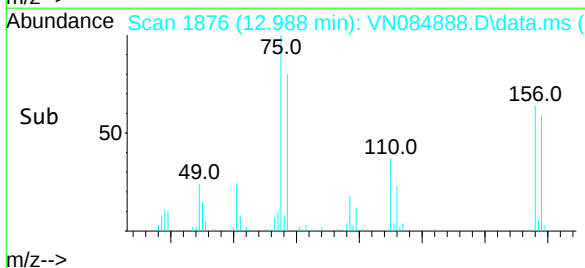
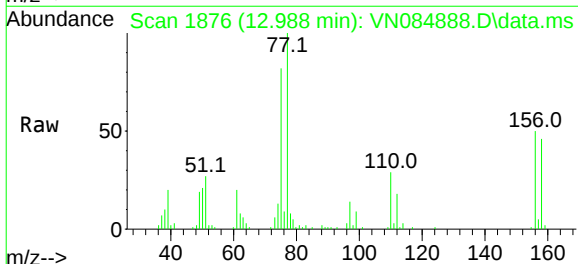
Manual Integrations
APPROVED

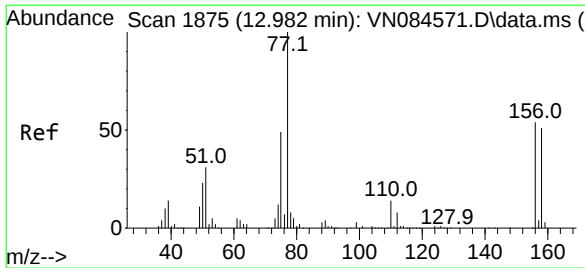
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#76
1,2,3-Trichloropropane
Concen: 22.349 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

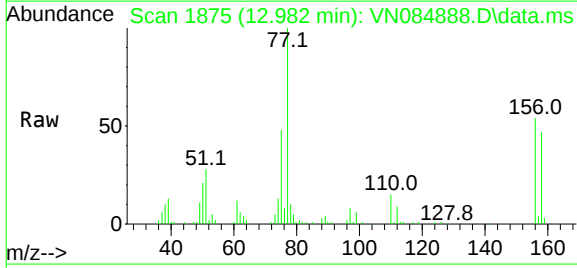
Tgt Ion	75	Resp	47939
Ion	Ratio	Lower	Upper
75	100		
77	175.7	96.9	290.7





#77
Bromobenzene
Concen: 19.542 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

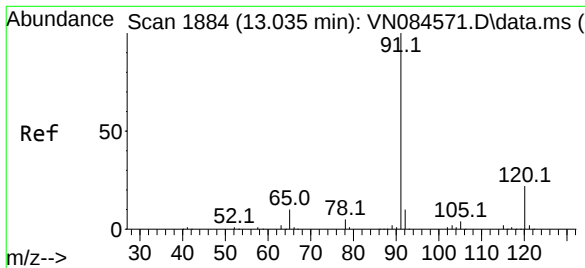
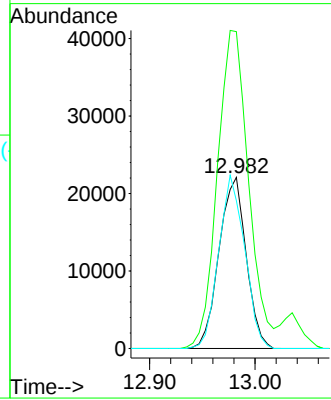
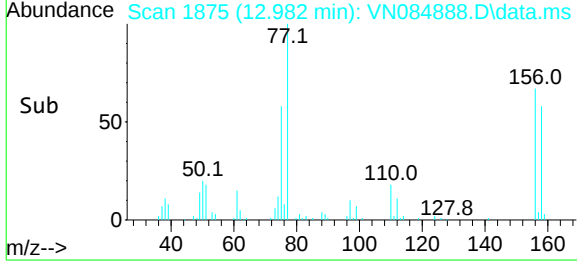
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



Tgt Ion:156 Resp: 39504
Ion Ratio Lower Upper
156 100
77 213.2 115.1 345.3
158 97.1 48.9 146.8

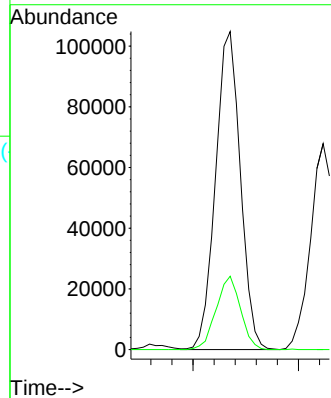
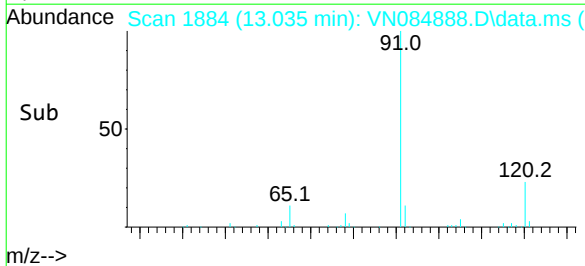
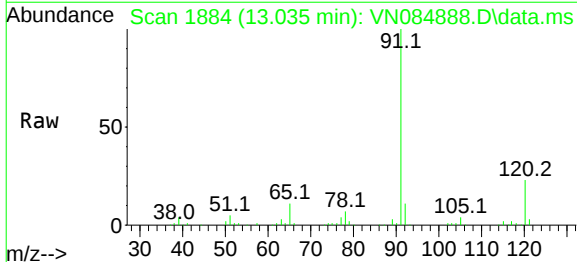
Manual Integrations
APPROVED

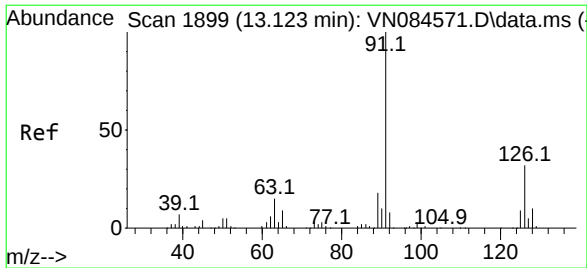
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#78
n-propylbenzene
Concen: 19.470 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Tgt Ion: 91 Resp: 171566
Ion Ratio Lower Upper
91 100
120 22.6 10.8 32.4





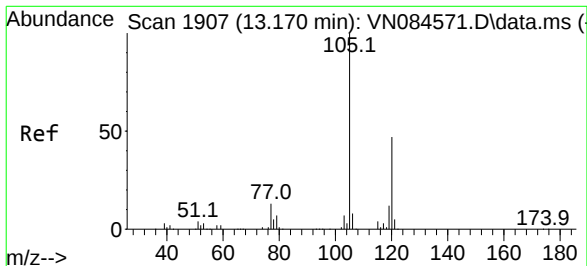
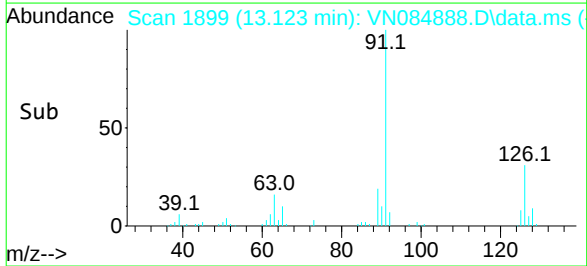
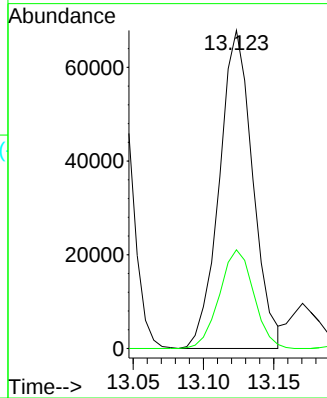
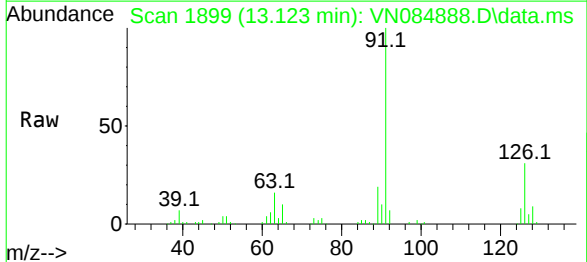
#79
2-Chlorotoluene
Concen: 19.524 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion: 91 Resp: 112412
Ion Ratio Lower Upper
91 100
126 31.8 15.7 47.1

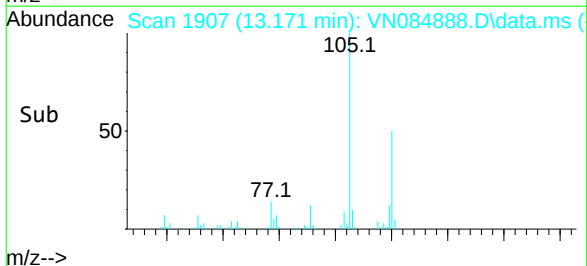
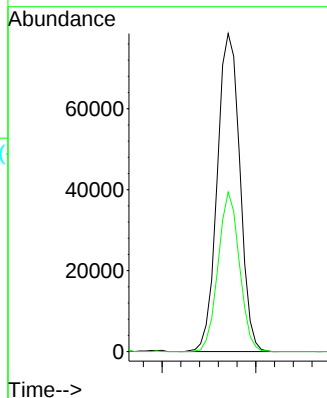
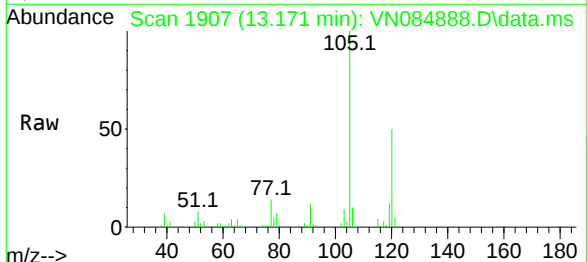
Manual Integrations
APPROVED

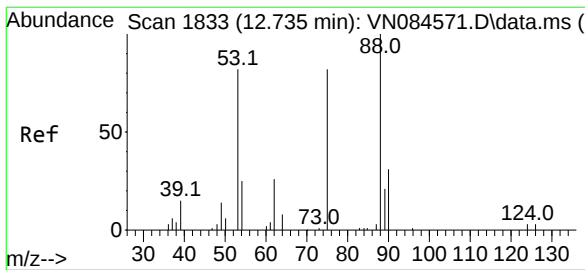
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#80
1,3,5-Trimethylbenzene
Concen: 21.164 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Tgt Ion:105 Resp: 131903
Ion Ratio Lower Upper
105 100
120 47.1 23.7 71.1





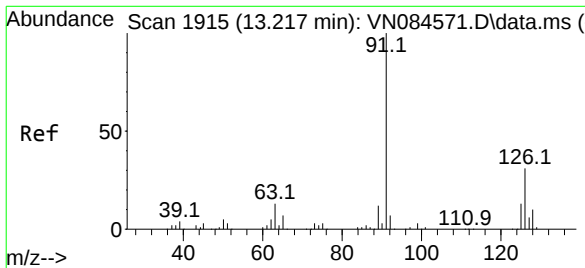
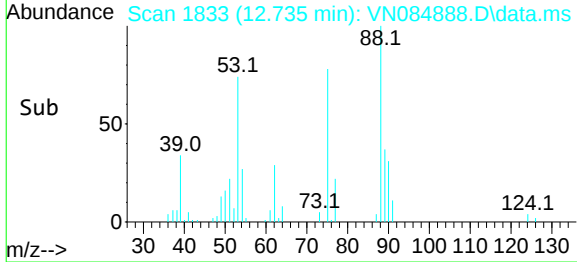
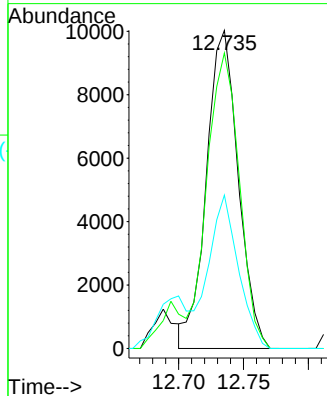
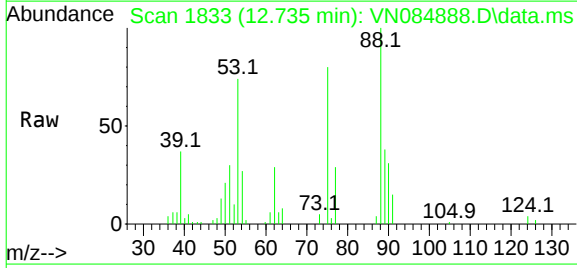
#81
trans-1,4-Dichloro-2-butene
Concen: 18.936 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion: 75 Resp: 17121
Ion Ratio Lower Upper
75 100
53 93.9 78.0 117.0
89 46.5 35.5 53.3

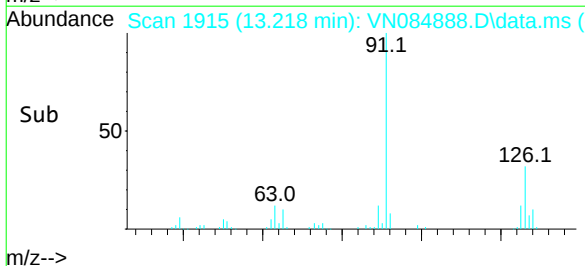
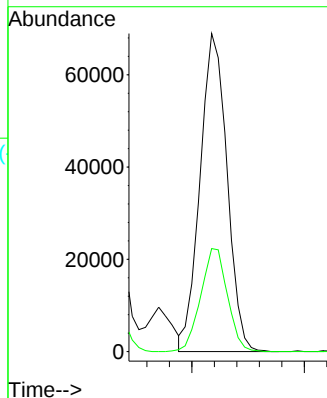
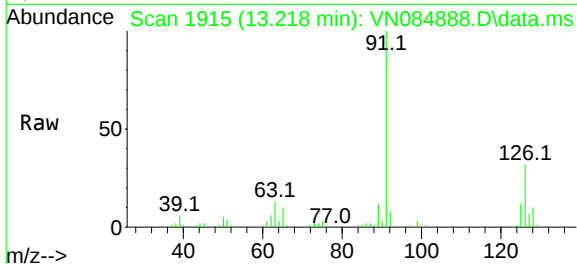
Manual Integrations
APPROVED

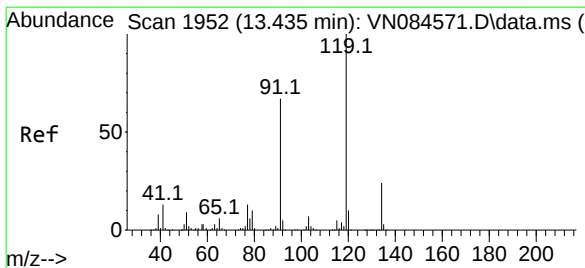
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#82
4-Chlorotoluene
Concen: 18.954 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Tgt Ion: 91 Resp: 114849
Ion Ratio Lower Upper
91 100
126 32.2 15.7 47.1





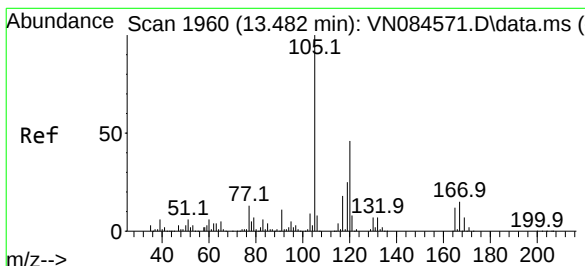
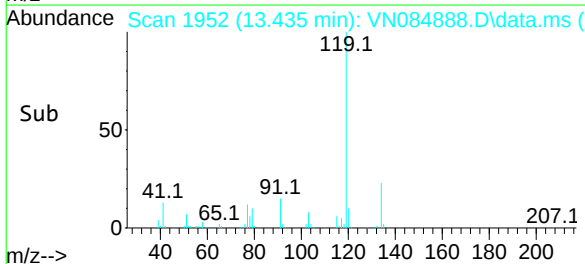
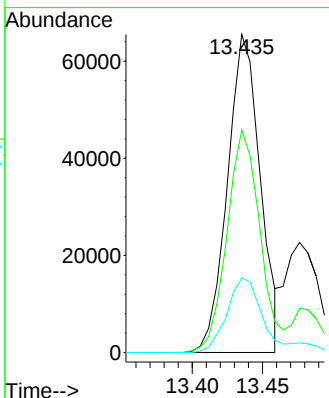
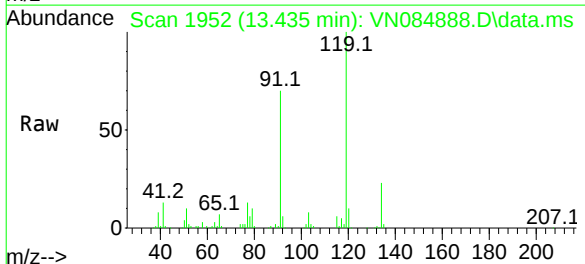
#83
tert-Butylbenzene
Concen: 20.630 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion:119 Resp: 106411
Ion Ratio Lower Upper
119 100
91 70.5 34.1 102.3
134 26.9 12.8 38.4

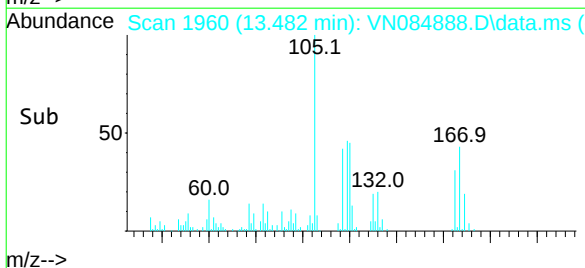
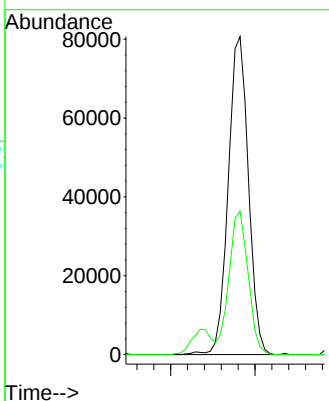
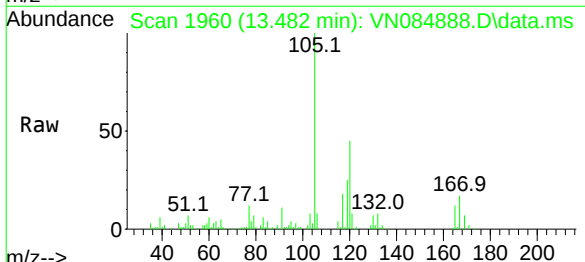
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#84
1,2,4-Trimethylbenzene
Concen: 20.801 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

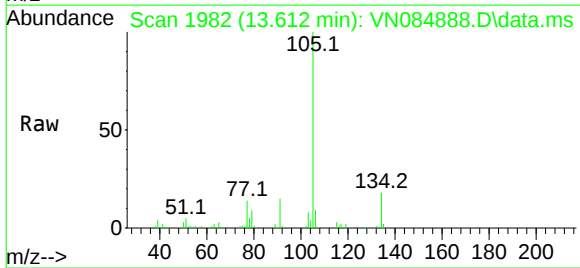
Tgt Ion:105 Resp: 133805
Ion Ratio Lower Upper
105 100
120 42.9 22.3 66.8





#85
sec-Butylbenzene
Concen: 20.016 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

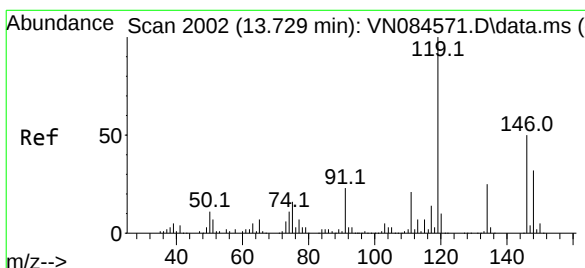
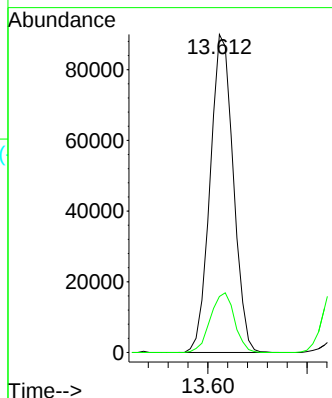
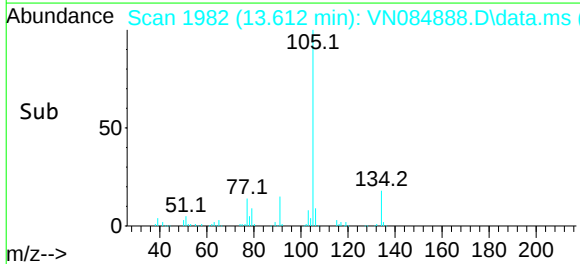
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01



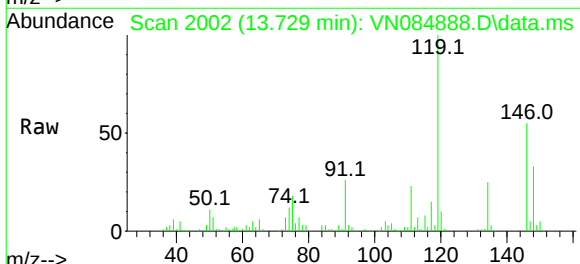
Tgt Ion:105 Resp: 145843
Ion Ratio Lower Upper
105 100
134 19.5 9.8 29.4

Manual Integrations
APPROVED

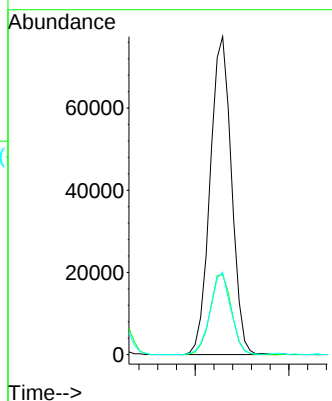
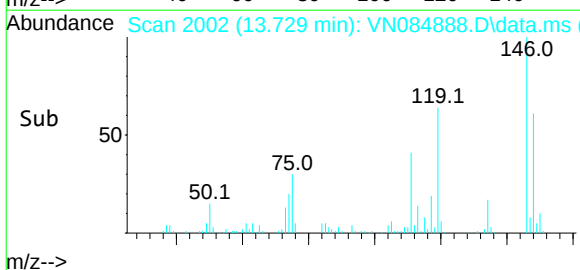
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024

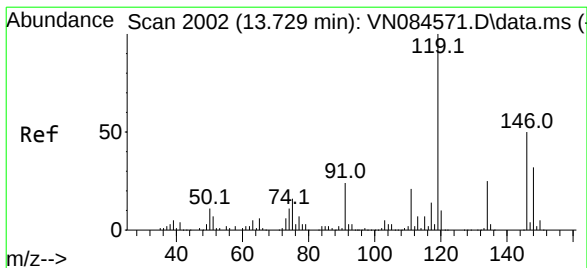


#86
p-Isopropyltoluene
Concen: 20.520 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25



Tgt Ion:119 Resp: 122620
Ion Ratio Lower Upper
119 100
134 25.4 12.6 37.8
91 25.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.149 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

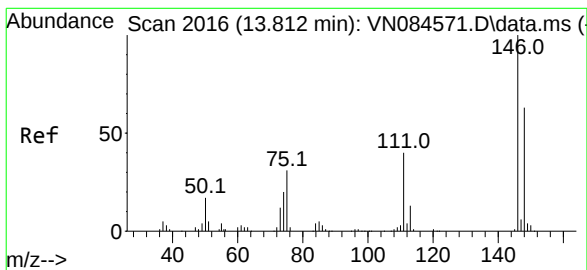
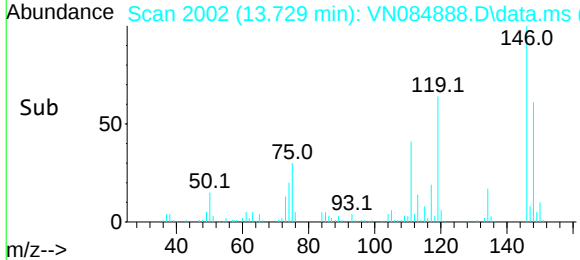
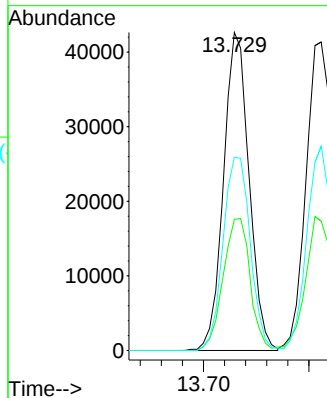
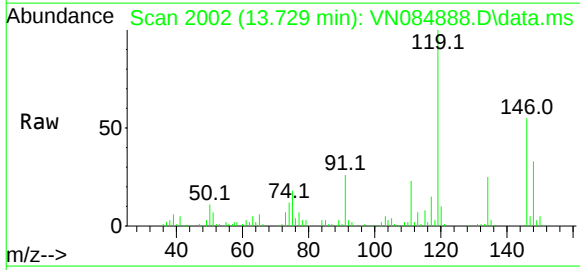
Tgt Ion:	146	Resp:	71603
Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.8	65.3
148	64.8	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#88

1,4-Dichlorobenzene

Concen: 19.384 ug/l

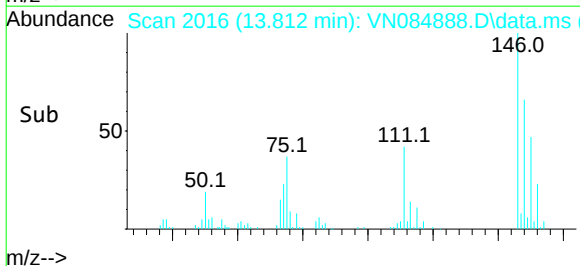
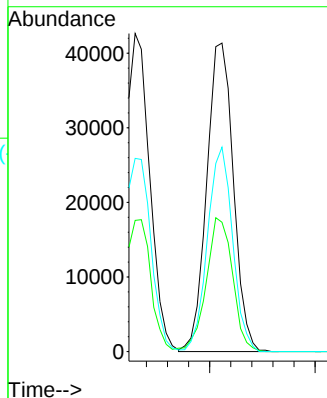
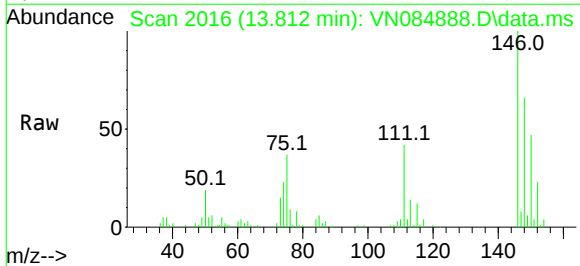
RT: 13.812 min Scan# 2016

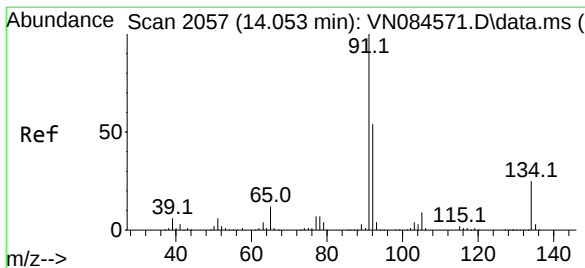
Delta R.T. -0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Tgt Ion:	146	Resp:	72663
Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.2	63.6
148	62.5	31.9	95.9





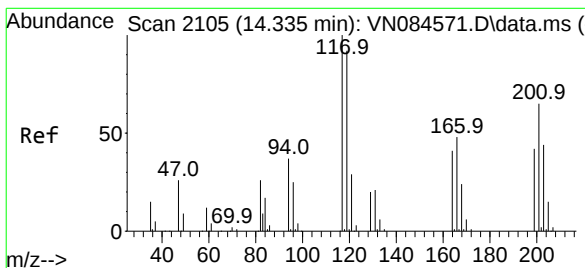
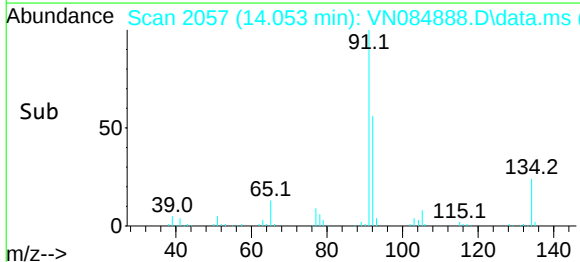
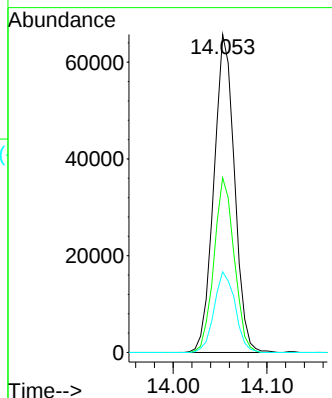
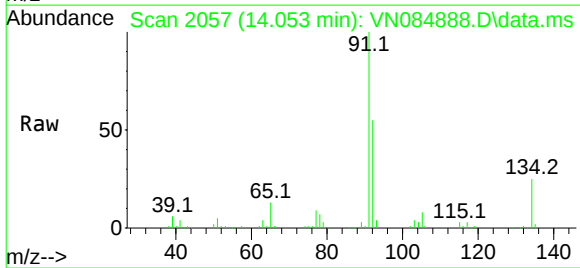
#89
n-Butylbenzene
Concen: 17.984 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion: 91 Resp: 100525
Ion Ratio Lower Upper
91 100
92 53.8 26.6 79.7
134 25.8 12.3 36.9

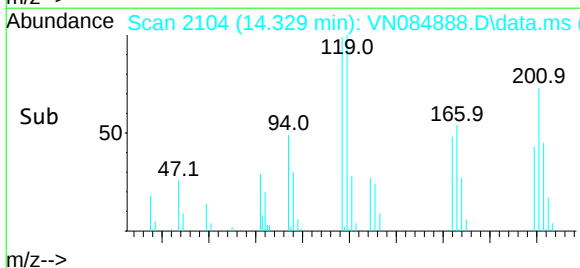
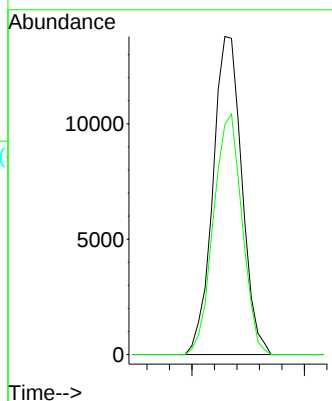
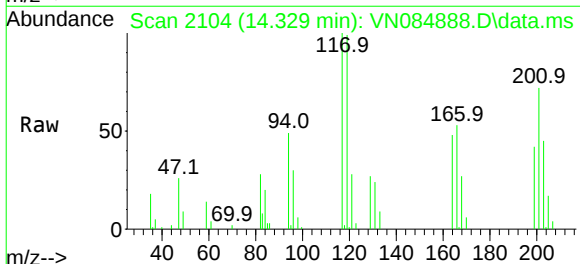
Manual Integrations
APPROVED

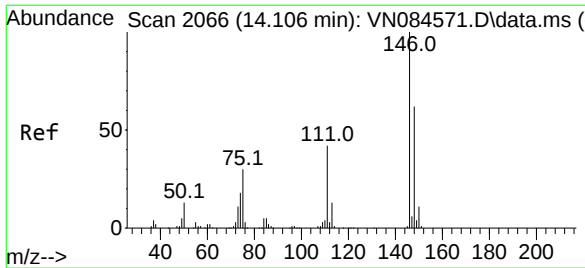
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#90
Hexachloroethane
Concen: 18.497 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Tgt Ion:117 Resp: 24649
Ion Ratio Lower Upper
117 100
201 74.7 34.4 103.2





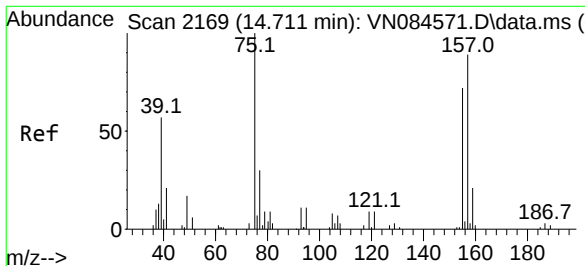
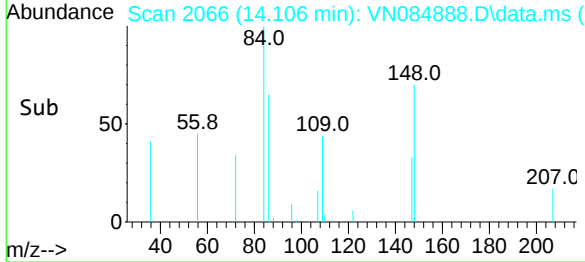
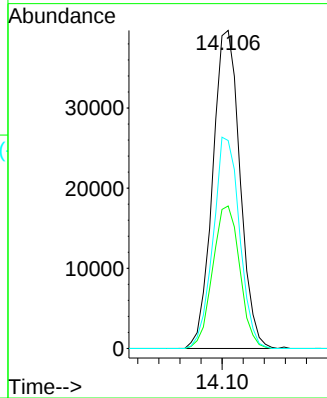
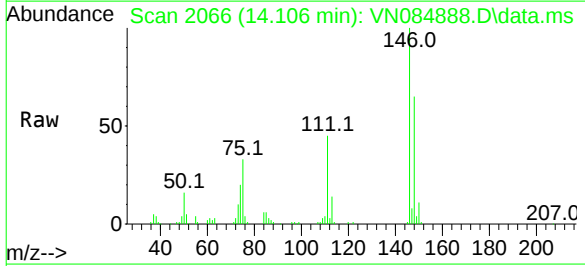
#91
1,2-Dichlorobenzene
Concen: 18.846 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.0	66.0
148	64.2	32.1	96.3

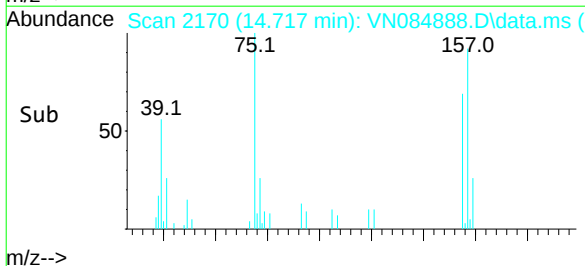
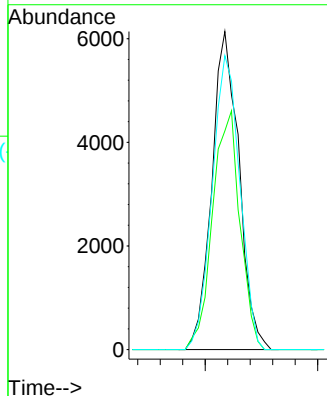
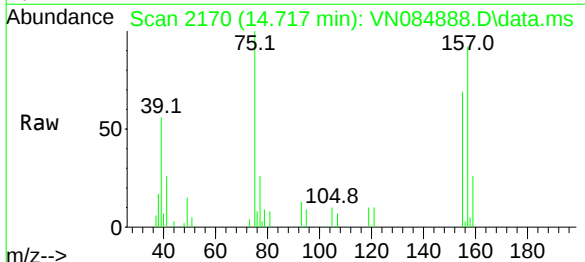
Manual Integrations
APPROVED

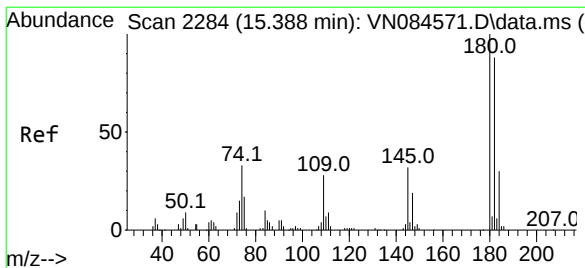
Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.238 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084888.D
Acq: 17 Nov 2024 12:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.6	38.1	114.5
157	94.2	49.6	149.0





#93

1,2,4-Trichlorobenzene

Concen: 16.637 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBSD01

Tgt Ion:180 Resp: 34522

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.0

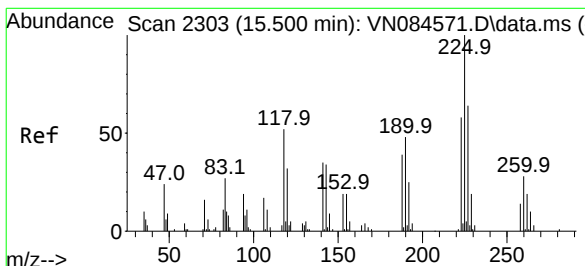
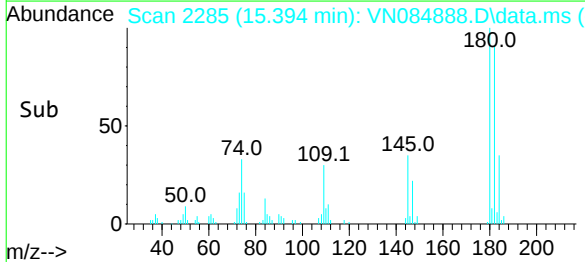
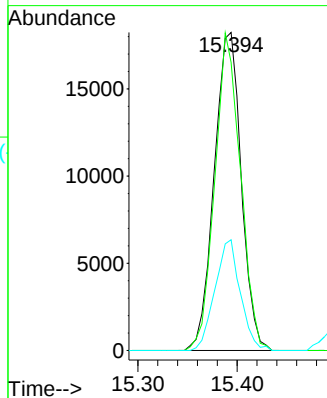
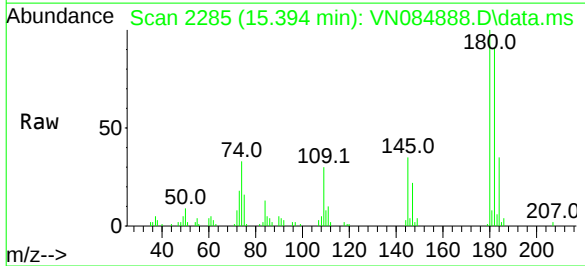
145 32.7 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2024

Supervised By :Mahesh Dadoda 11/18/2024



#94

Hexachlorobutadiene

Concen: 19.739 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

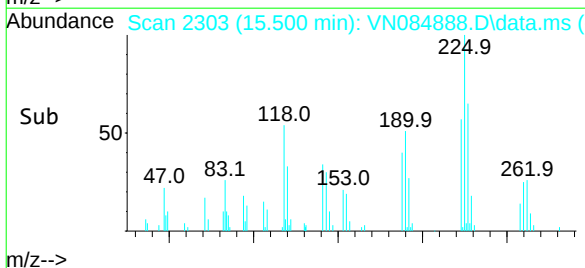
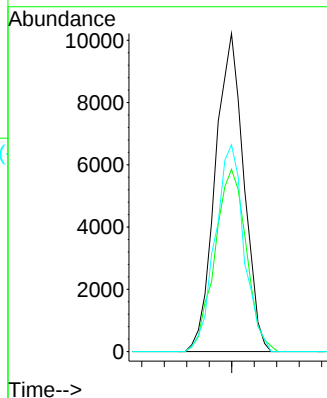
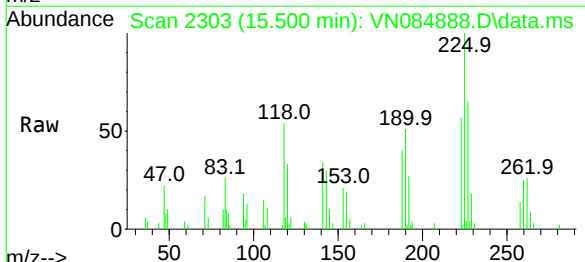
Tgt Ion:225 Resp: 17987

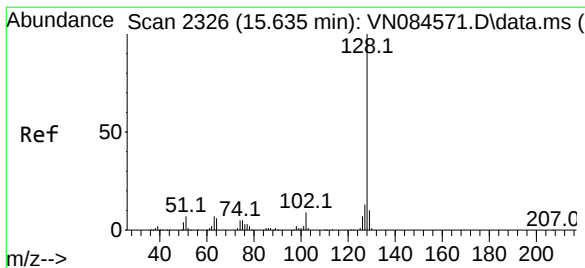
Ion Ratio Lower Upper

225 100

223 63.0 32.4 97.2

227 65.8 32.4 97.0





#95

Naphthalene

Concen: 17.730 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Instrument :

MSVOA_N

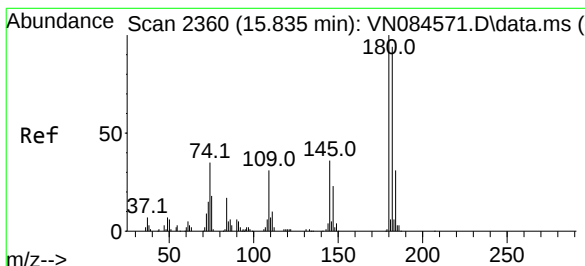
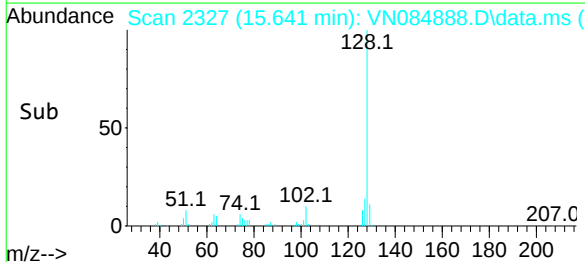
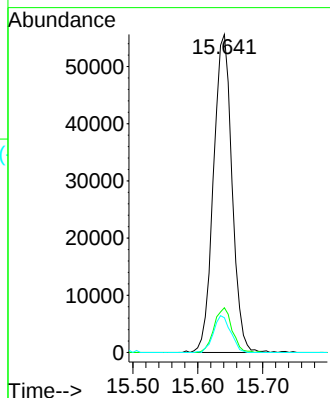
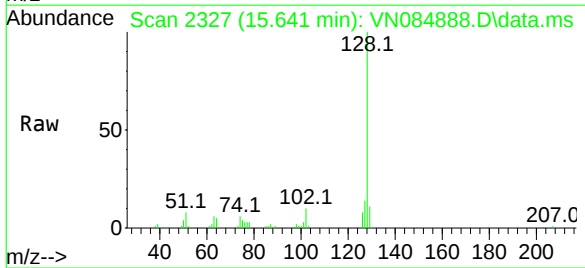
ClientSampleId :

VN1117WBSD01

Tgt Ion:	128	Resp:	110119
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.5	15.7
129	10.8	8.7	13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/18/2024
Supervised By :Mahesh Dadoda 11/18/2024



#96

1,2,3-Trichlorobenzene

Concen: 17.180 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084888.D

Acq: 17 Nov 2024 12:25

Tgt Ion:	180	Resp:	34606
Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.2	144.6
145	35.1	17.3	51.9

