

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
 Data File : VN084998.D
 Acq On : 21 Nov 2024 16:45
 Operator : JC\MD
 Sample : VN1121WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBS02

Quant Time: Nov 22 04:35:56 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

Manual Integrations APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	154131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	258963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	225356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114991	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	110862	49.799	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.600%
35) Dibromofluoromethane	8.159	113	89596	51.114	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.220%
50) Toluene-d8	10.565	98	307545	47.630	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.260%
62) 4-Bromofluorobenzene	12.847	95	117875	48.846	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	28336	15.992	ug/l	96
3) Chloromethane	2.359	50	30744	12.918	ug/l	97
4) Vinyl Chloride	2.512	62	29499	15.479	ug/l	99
5) Bromomethane	2.901	94	16748	16.587	ug/l	99
6) Chloroethane	3.065	64	21583	17.386	ug/l	89
7) Trichlorofluoromethane	3.465	101	55533	17.690	ug/l	100
8) Diethyl Ether	3.953	74	19701	17.790	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.353	101	33184	18.707	ug/l	96
10) Methyl Iodide	4.577	142	38669	16.311	ug/l	97
11) Tert butyl alcohol	5.542	59	35340	120.266	ug/l	98
12) 1,1-Dichloroethene	4.324	96	27233	15.515	ug/l	95
13) Acrolein	4.171	56	23735	81.002	ug/l	96
14) Allyl chloride	5.012	41	50945	17.897	ug/l	90
15) Acrylonitrile	5.718	53	88824	104.415	ug/l	99
16) Acetone	4.430	43	70486	107.990	ug/l	98
17) Carbon Disulfide	4.695	76	67320	12.454	ug/l	97
18) Methyl Acetate	5.012	43	48958	18.312	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	105860	19.677	ug/l	99
20) Methylene Chloride	5.265	84	34996	17.874	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	29403	16.314	ug/l	93
22) Diisopropyl ether	6.671	45	108238	19.136	ug/l	96
23) Vinyl Acetate	6.600	43	393116	100.786	ug/l	99
24) 1,1-Dichloroethane	6.559	63	62917	18.528	ug/l	95
25) 2-Butanone	7.483	43	115459	111.170	ug/l	97
26) 2,2-Dichloropropane	7.483	77	56201	19.015	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	37773	17.949	ug/l	98
28) Bromochloromethane	7.818	49	26462	19.559	ug/l	95
29) Tetrahydrofuran	7.841	42	74522	108.158	ug/l	96
30) Chloroform	7.959	83	64875	18.770	ug/l	100
31) Cyclohexane	8.253	56	50509	16.434	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	60317	19.174	ug/l	95
36) 1,1-Dichloropropene	8.365	75	41708	17.157	ug/l	100
37) Ethyl Acetate	7.553	43	47667	21.611	ug/l	100
38) Carbon Tetrachloride	8.359	117	51661	19.012	ug/l	97
39) Methylcyclohexane	9.594	83	41075	16.609	ug/l	94
40) Benzene	8.600	78	139038	17.809	ug/l	99

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	25306	21.335	ug/l	96
42) 1,2-Dichloroethane	8.665	62	49275	19.489	ug/l	100
43) Isopropyl Acetate	8.688	43	89042	21.298	ug/l	98
44) Trichloroethene	9.347	130	31910	17.723	ug/l	98
45) 1,2-Dichloropropane	9.618	63	34797	19.000	ug/l	97
46) Dibromomethane	9.706	93	25233	19.526	ug/l	98
47) Bromodichloromethane	9.888	83	52647	19.327	ug/l #	96
48) Methyl methacrylate	9.677	41	36398	21.204	ug/l	99
49) 1,4-Dioxane	9.694	88	13569	446.070	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	238130	113.253	ug/l	100
52) Toluene	10.629	92	86676	18.983	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	49891	17.694	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	55110	18.466	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	35205	20.469	ug/l	93
56) Ethyl methacrylate	10.871	69	52078	20.933	ug/l	97
57) 1,3-Dichloropropane	11.159	76	57469	19.469	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	111828	96.061	ug/l	98
59) 2-Hexanone	11.194	43	177051	115.684	ug/l	99
60) Dibromochloromethane	11.359	129	40410	20.615	ug/l	97
61) 1,2-Dibromoethane	11.471	107	34339	19.496	ug/l	99
64) Tetrachloroethene	11.100	164	26302	17.546	ug/l	99
65) Chlorobenzene	11.888	112	90710	17.992	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	34992	19.954	ug/l	99
67) Ethyl Benzene	11.965	91	153382	18.226	ug/l	99
68) m/p-Xylenes	12.071	106	118552	37.210	ug/l	98
69) o-Xylene	12.394	106	58885	19.757	ug/l	99
70) Styrene	12.412	104	97931	18.836	ug/l	98
71) Bromoform	12.576	173	26248	19.892	ug/l #	98
73) Isopropylbenzene	12.694	105	150369	18.660	ug/l	99
74) N-amyl acetate	12.494	43	64055	18.676	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	52309	19.447	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	48159m	20.951	ug/l	
77) Bromobenzene	12.982	156	36455	16.828	ug/l	99
78) n-propylbenzene	13.035	91	167227	17.709	ug/l	98
79) 2-Chlorotoluene	13.123	91	108273	17.548	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	125905	18.851	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	16778	17.317	ug/l	88
82) 4-Chlorotoluene	13.223	91	110479	17.014	ug/l	99
83) tert-Butylbenzene	13.435	119	103072	18.647	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	126064	18.288	ug/l	99
85) sec-Butylbenzene	13.618	105	140577	18.004	ug/l	100
86) p-Isopropyltoluene	13.729	119	116339	18.168	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	68366	16.171	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	66546	16.427	ug/l	98
89) n-Butylbenzene	14.059	91	92685	15.473	ug/l	99
90) Hexachloroethane	14.329	117	25155	17.615	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	68476	16.855	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10922	20.044	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	32566	14.645	ug/l	98
94) Hexachlorobutadiene	15.494	225	15921	16.304	ug/l	98
95) Naphthalene	15.641	128	103478	15.547	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	32807	15.199	ug/l	99

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MSVOA_N
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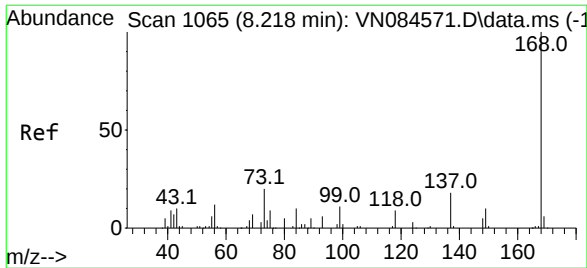
Manual Integrations
APPROVED

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Quant Time: Nov 22 04:35:56 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

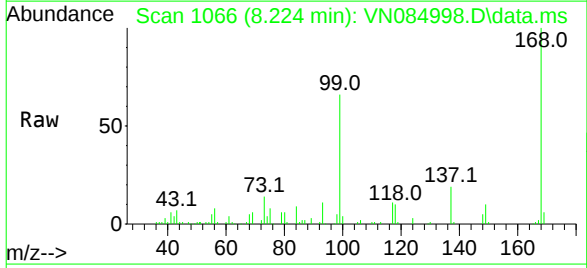
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084998.D
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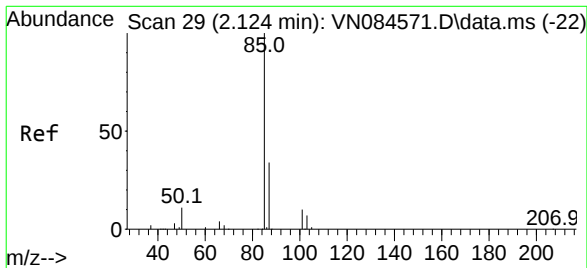
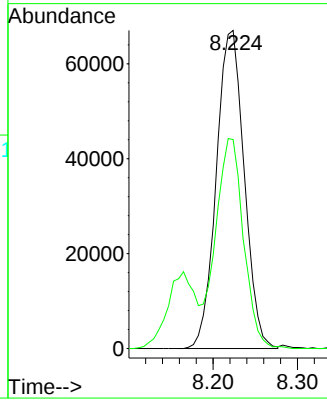
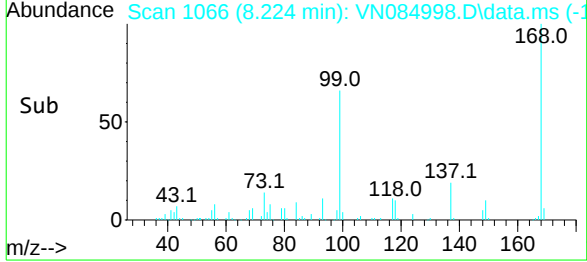
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02



Tgt Ion: 168 Resp: 154131
Ion Ratio Lower Upper
168 100
99 65.1 54.2 81.2

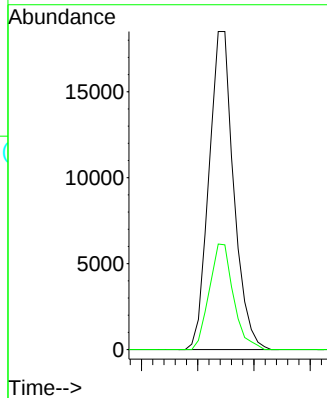
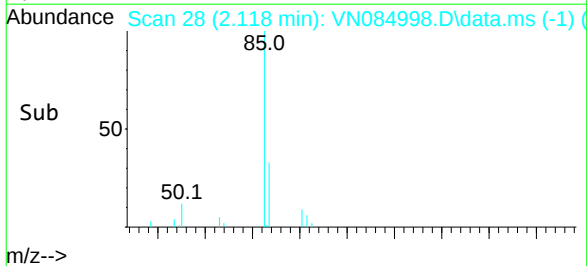
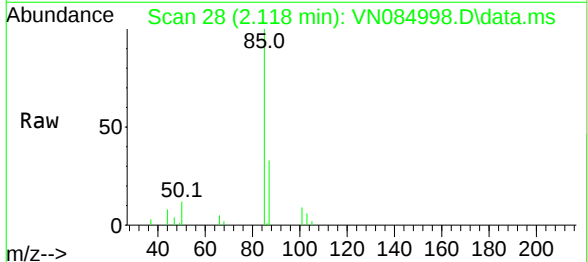
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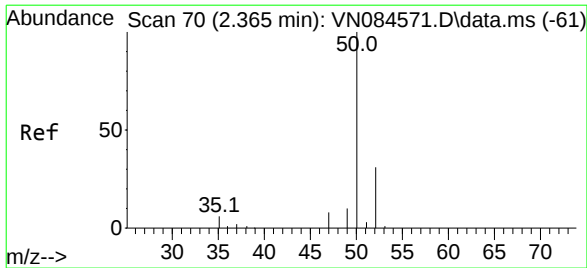
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#2
Dichlorodifluoromethane
Concen: 15.992 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

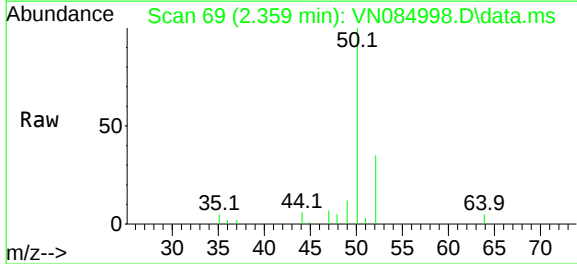
Tgt Ion: 85 Resp: 28336
Ion Ratio Lower Upper
85 100
87 33.2 17.6 52.9





#3
Chloromethane
Concen: 12.918 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

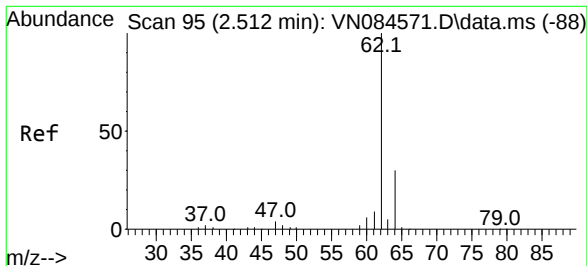
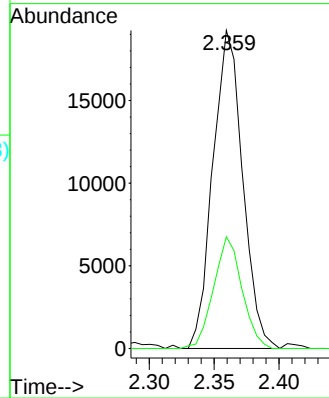
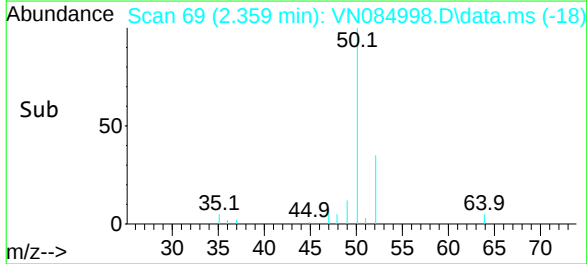
Instrument :
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Tgt Ion: 50 Resp: 30744
Ion Ratio Lower Upper
50 100
52 35.1 26.8 40.2

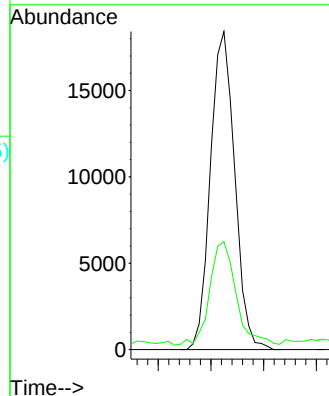
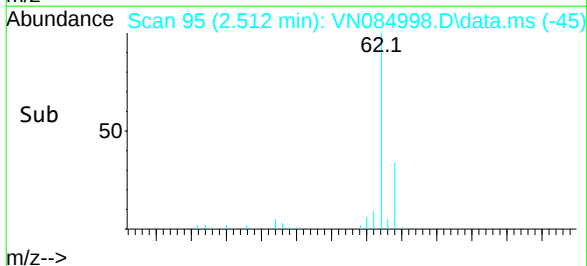
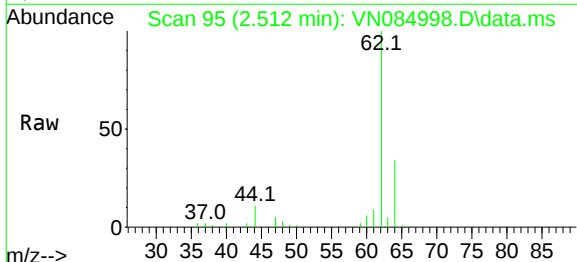
Manual Integrations
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#4
Vinyl Chloride
Concen: 15.479 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

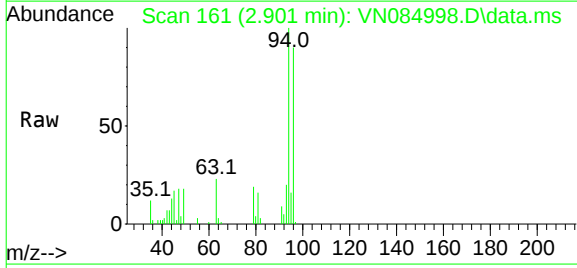
Tgt Ion: 62 Resp: 29499
Ion Ratio Lower Upper
62 100
64 32.3 26.2 39.4





#5
Bromomethane
Concen: 16.587 ug/l
RT: 2.901 min Scan# 161
Delta R.T. -0.052 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

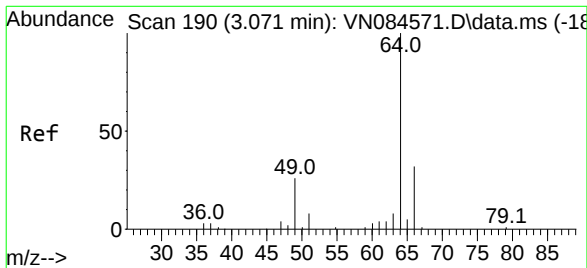
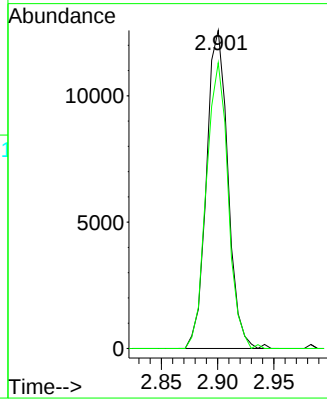
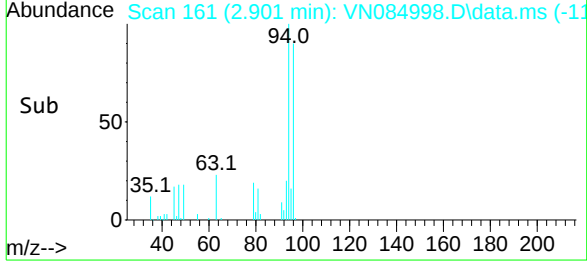
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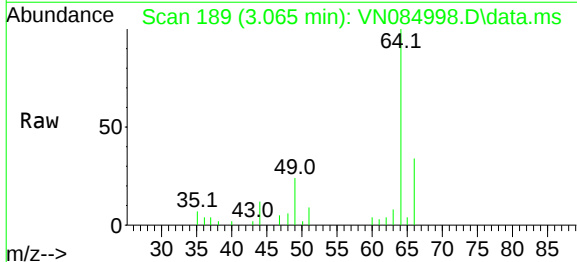
Tgt Ion: 94 Resp: 16748
Ion Ratio Lower Upper
94 100
96 89.8 72.9 109.3

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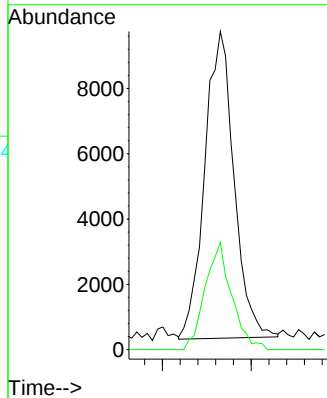
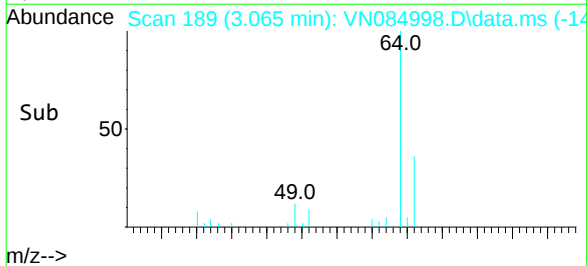
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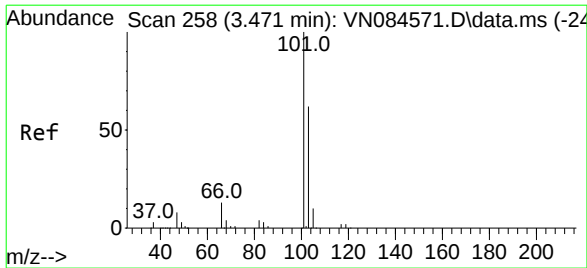


#6
Chloroethane
Concen: 17.386 ug/l
RT: 3.065 min Scan# 189
Delta R.T. -0.053 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45



Tgt Ion: 64 Resp: 21583
Ion Ratio Lower Upper
64 100
66 35.2 23.5 35.3





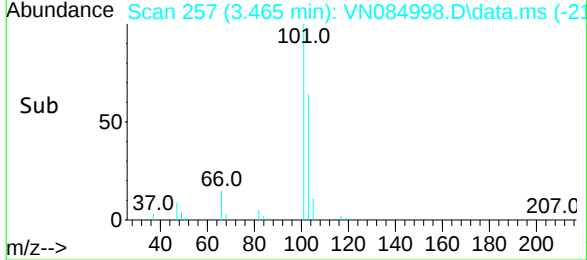
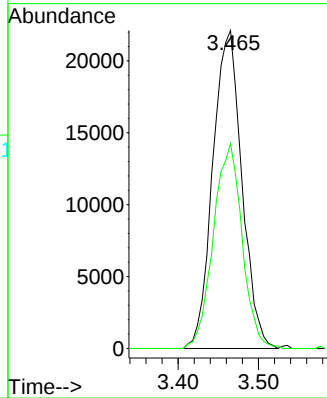
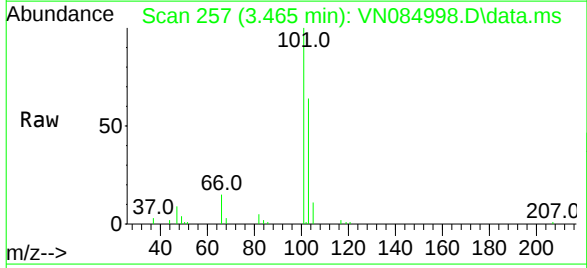
#7
Trichlorofluoromethane
Concen: 17.690 ug/l
RT: 3.465 min Scan# 258
Delta R.T. -0.030 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tgt Ion:101 Resp: 55533
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.6

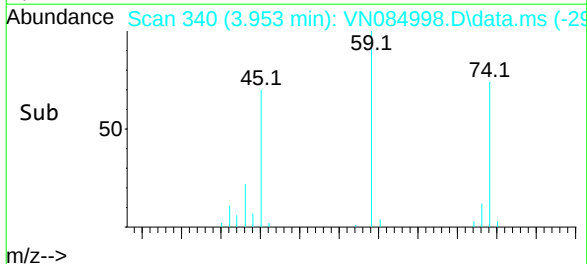
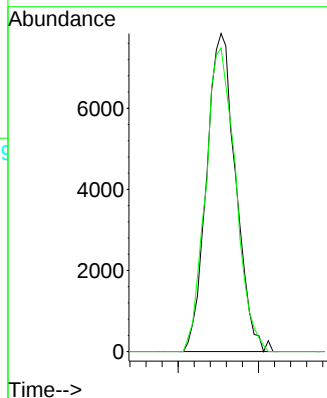
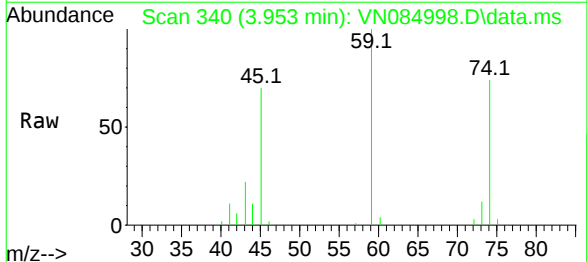
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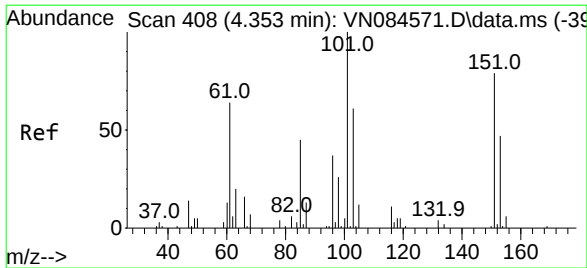
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#8
Diethyl Ether
Concen: 17.790 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Tgt Ion: 74 Resp: 19701
Ion Ratio Lower Upper
74 100
45 98.5 47.7 143.1





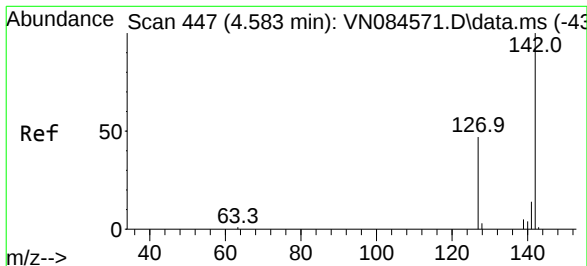
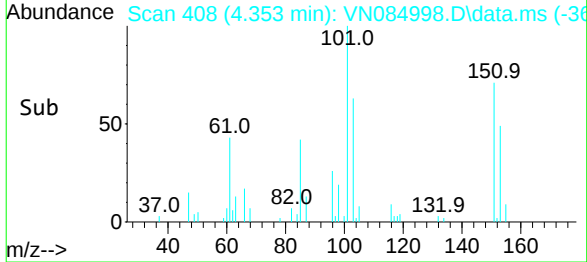
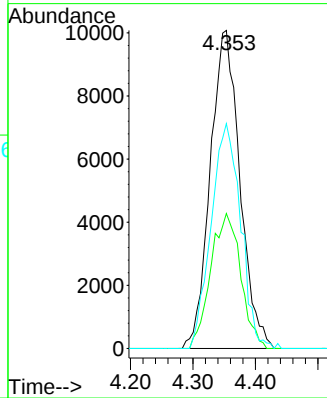
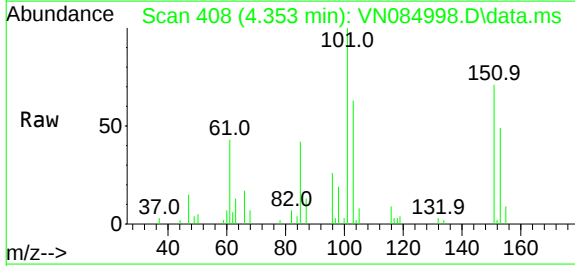
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.707 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.018 min
Lab File: VN084998.D
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Tgt Ion:101 Resp: 33184
Ion Ratio Lower Upper
101 100
85 43.1 36.2 54.4
151 70.6 59.3 88.9

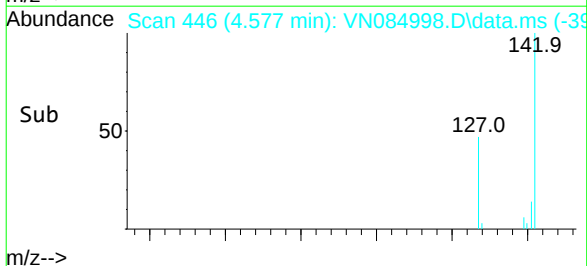
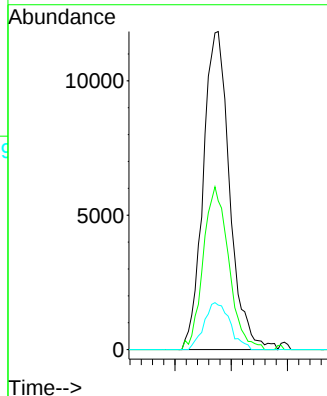
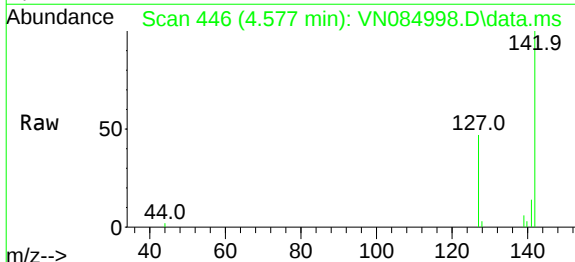
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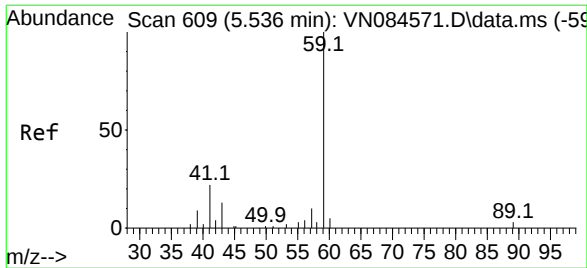
Reviewed By :John Carbone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#10
Methyl Iodide
Concen: 16.311 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.018 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Tgt Ion:142 Resp: 38669
Ion Ratio Lower Upper
142 100
127 46.8 35.3 52.9
141 14.0 11.0 16.6





#11

Tert butyl alcohol

Concen: 120.266 ug/l

RT: 5.542 min Scan# 61

Delta R.T. 0.018 min

Lab File: VN084998.D

Acq: 21 Nov 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS02

Tgt Ion: 59 Resp: 35340

Ion Ratio Lower Upper

59 100

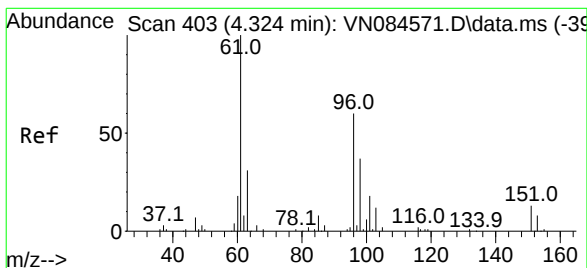
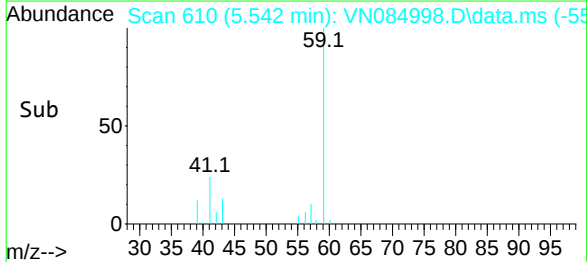
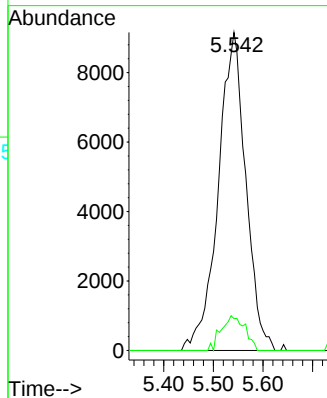
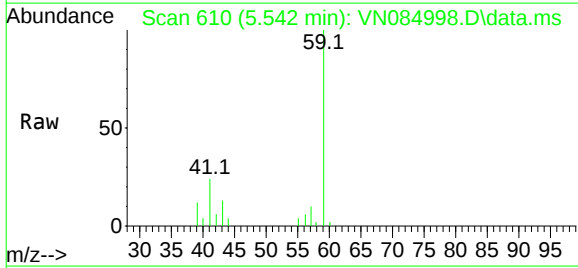
57 9.4 8.2 12.2

Manual Integrations

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Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#12

1,1-Dichloroethene

Concen: 15.515 ug/l

RT: 4.324 min Scan# 403

Delta R.T. -0.018 min

Lab File: VN084998.D

Acq: 21 Nov 2024 16:45

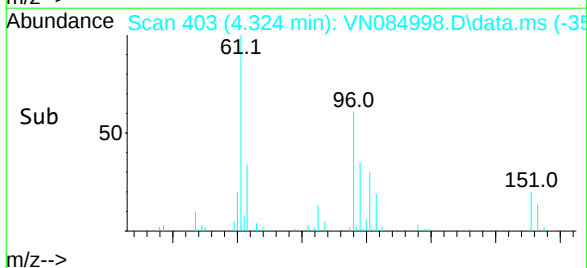
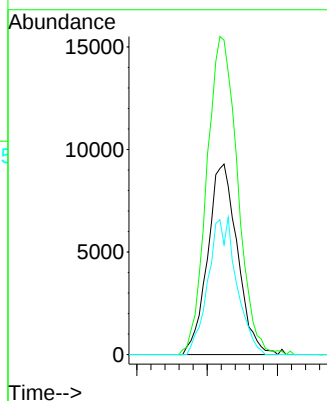
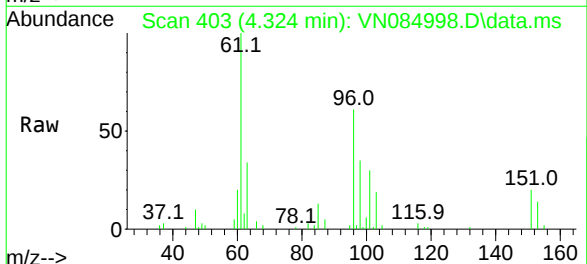
Tgt Ion: 96 Resp: 27233

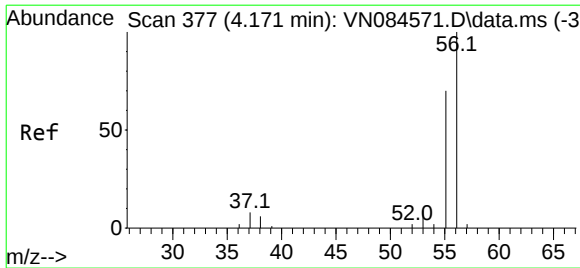
Ion Ratio Lower Upper

96 100

61 165.1 128.6 192.8

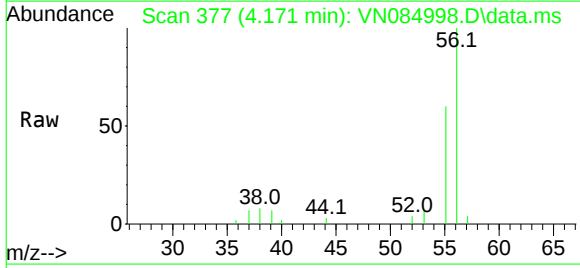
98 57.7 51.7 77.5





#13
Acrolein
Concen: 81.002 ug/l
RT: 4.171 min Scan# 37
Delta R.T. -0.006 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

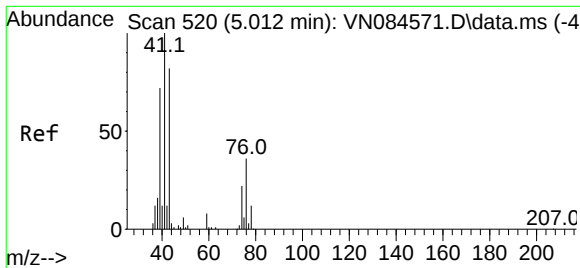
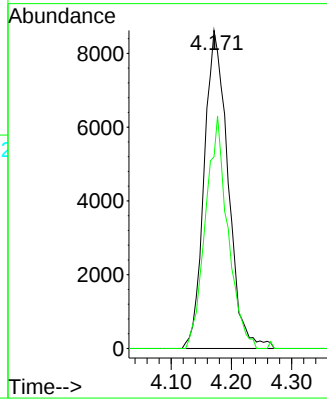
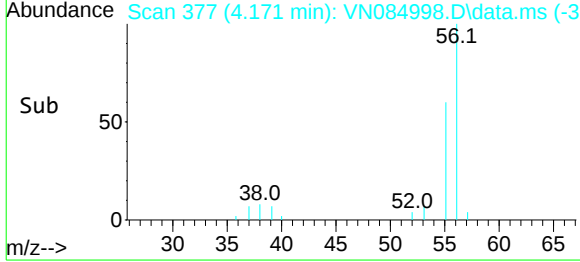
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02



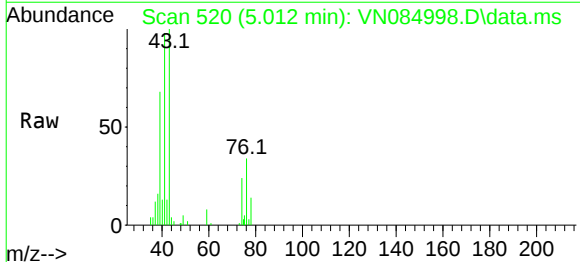
Tgt Ion: 56 Resp: 23735
Ion Ratio Lower Upper
56 100
55 68.3 57.2 85.8

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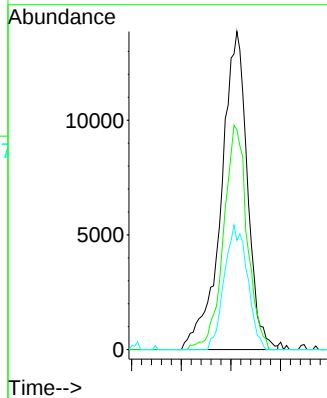
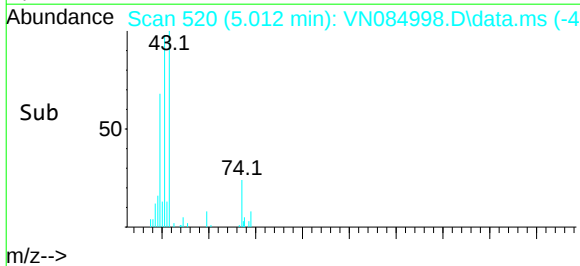
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#14
Allyl chloride
Concen: 17.897 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.012 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45



Tgt Ion: 41 Resp: 50945
Ion Ratio Lower Upper
41 100
39 63.4 59.0 88.6
76 34.4 29.8 44.6





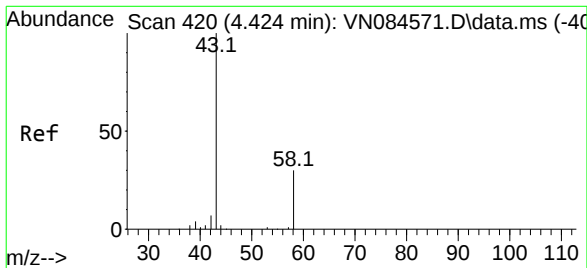
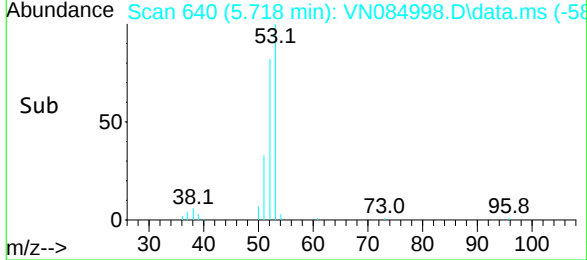
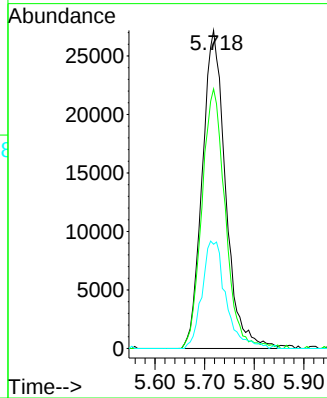
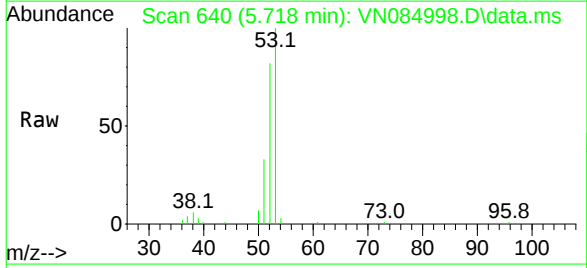
#15
Acrylonitrile
Concen: 104.415 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.2	99.4
51	34.6	28.8	43.2

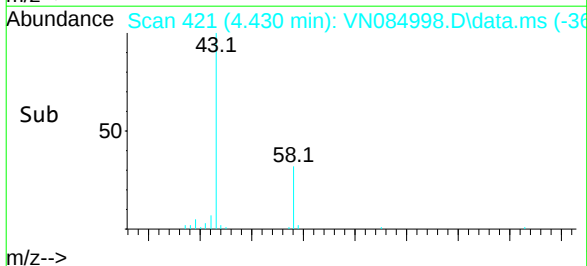
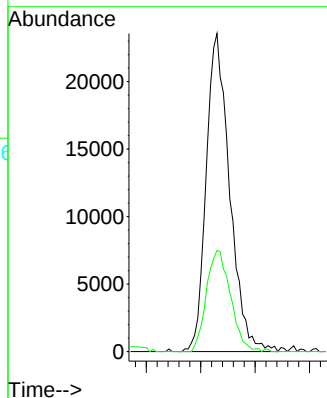
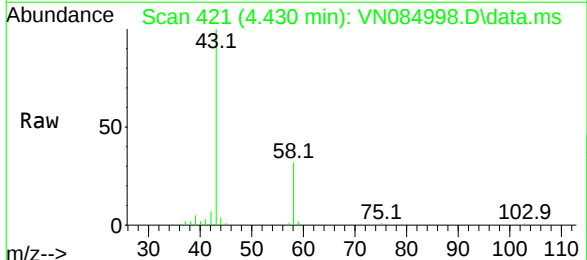
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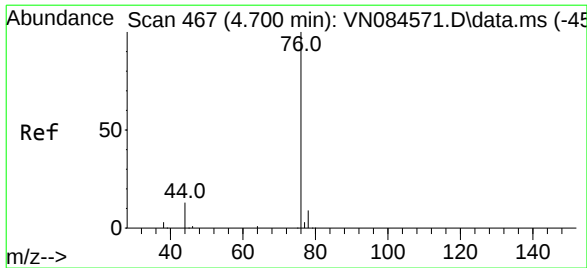
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#16
Acetone
Concen: 107.990 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

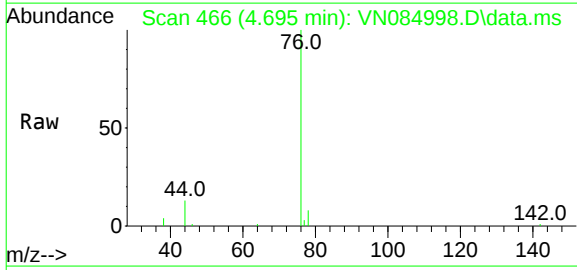
Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.8	24.4	36.6





#17
Carbon Disulfide
Concen: 12.454 ug/l
RT: 4.695 min Scan# 467
Delta R.T. -0.017 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

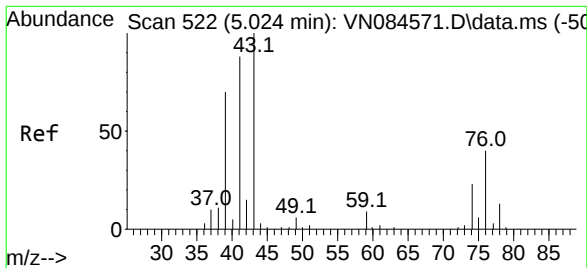
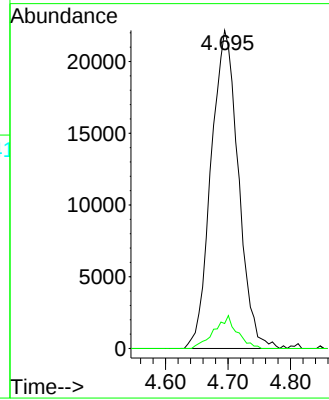
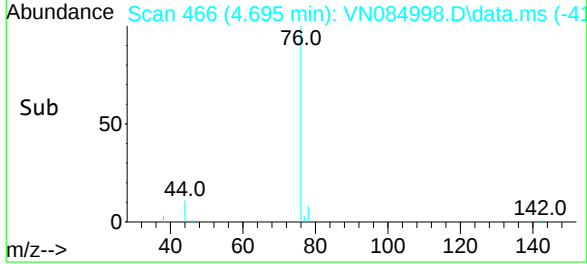
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02



Tgt Ion: 76 Resp: 67320
Ion Ratio Lower Upper
76 100
78 7.9 7.3 10.9

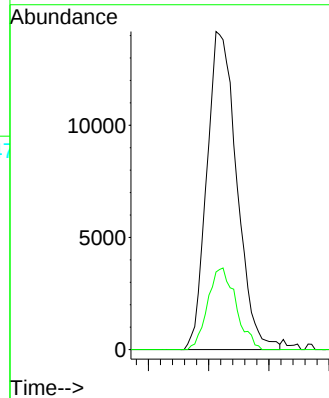
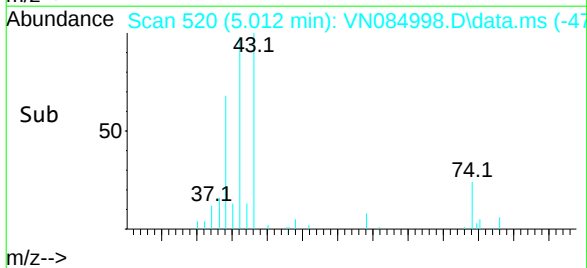
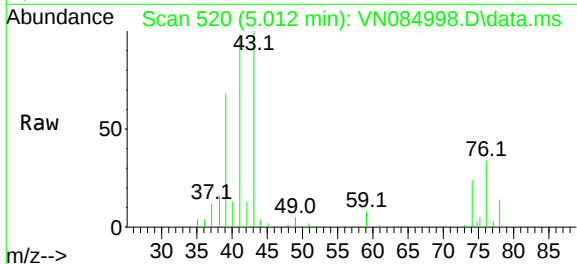
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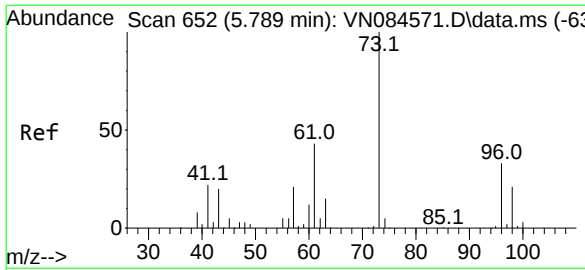
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#18
Methyl Acetate
Concen: 18.312 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Tgt Ion: 43 Resp: 48958
Ion Ratio Lower Upper
43 100
74 24.2 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 19.677 ug/l

RT: 5.789 min Scan# 65

Delta R.T. -0.006 min

Lab File: VN084998.D

Acq: 21 Nov 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS02

Tgt Ion: 73 Resp: 105860

Ion Ratio Lower Upper

73 100

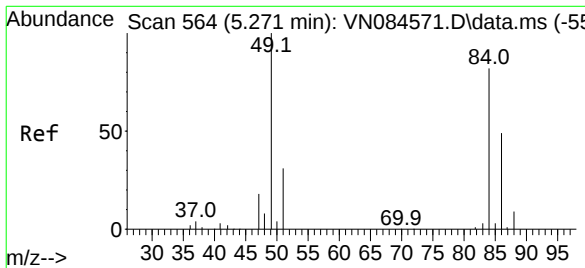
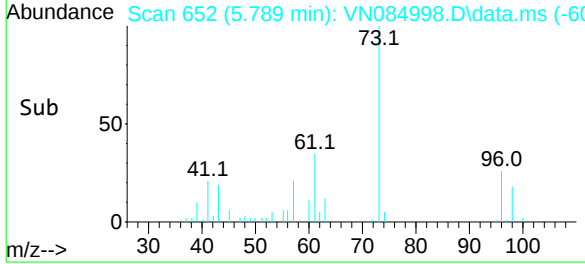
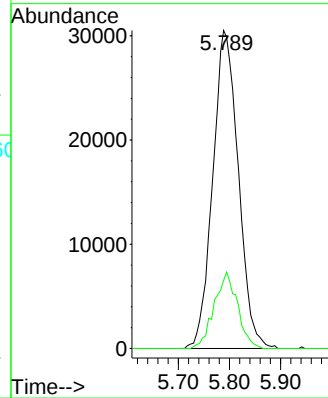
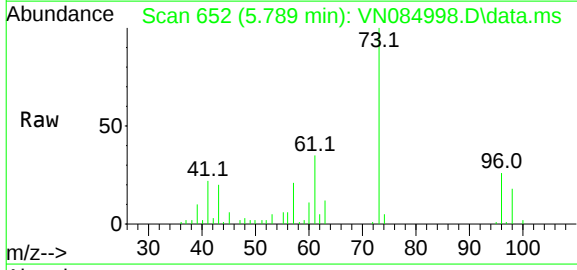
57 21.4 17.7 26.5

Manual Integrations

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Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#20

Methylene Chloride

Concen: 17.874 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.012 min

Lab File: VN084998.D

Acq: 21 Nov 2024 16:45

Tgt Ion: 84 Resp: 34996

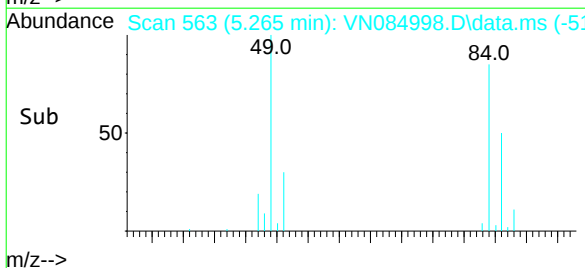
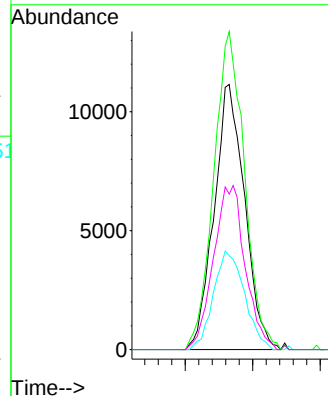
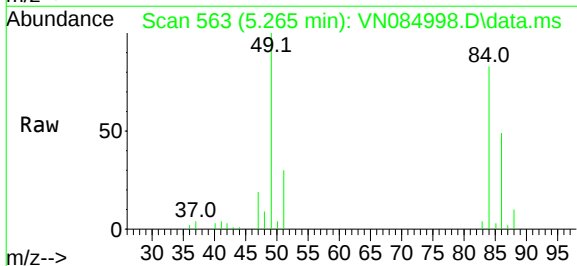
Ion Ratio Lower Upper

84 100

49 119.9 107.2 160.8

51 35.4 31.8 47.8

86 58.6 52.9 79.3





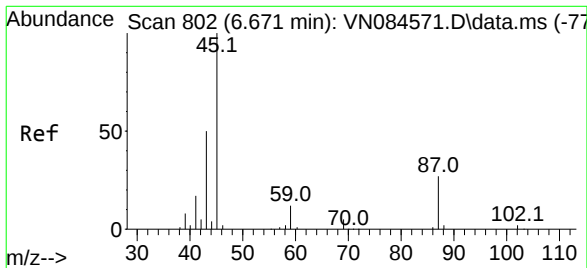
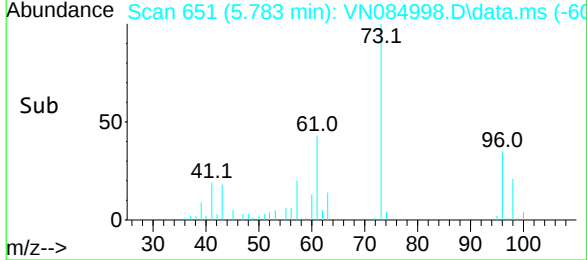
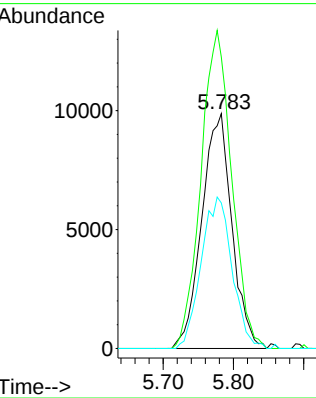
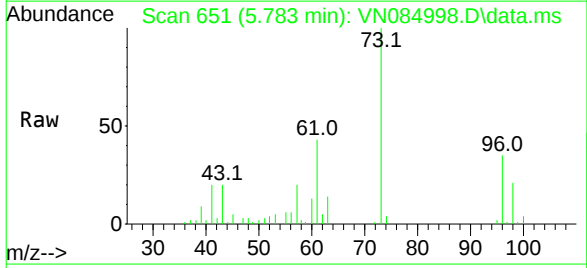
#21
trans-1,2-Dichloroethene
Concen: 16.314 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tgt Ion: 96 Resp: 29403
Ion Ratio Lower Upper
96 100
61 124.2 108.4 162.6
98 62.0 49.8 74.8

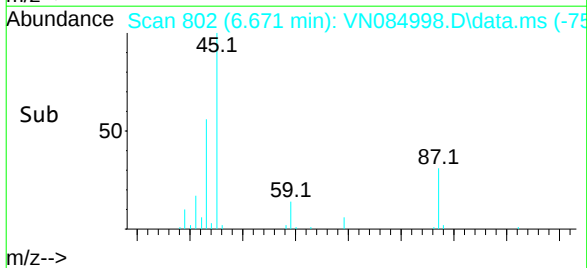
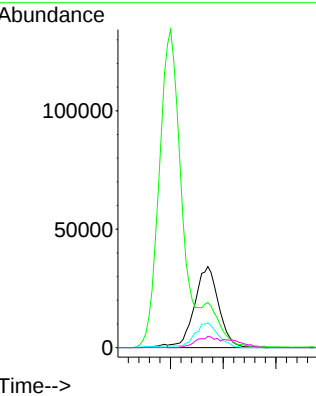
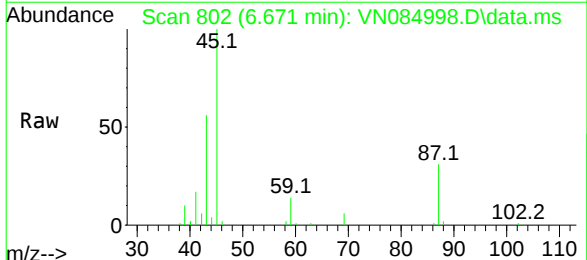
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#22
Diisopropyl ether
Concen: 19.136 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Tgt Ion: 45 Resp: 108238
Ion Ratio Lower Upper
45 100
43 54.6 42.3 63.5
87 30.7 21.8 32.6
59 13.9 9.6 14.4





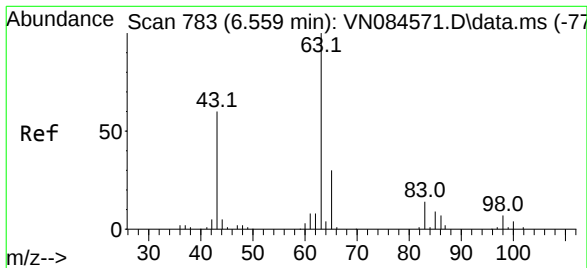
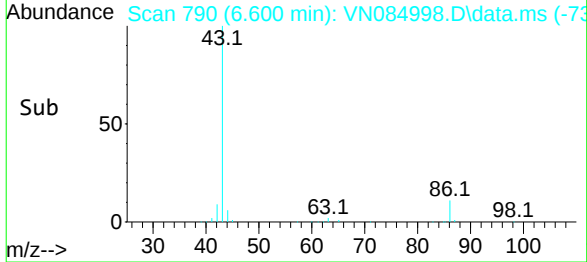
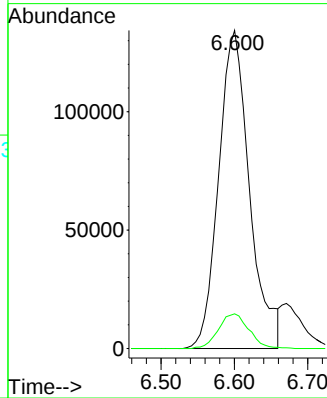
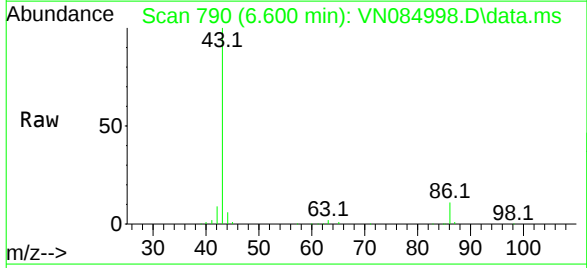
#23
 Vinyl Acetate
 Concen: 100.786 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN084998.D
 Acq: 21 Nov 2024 16:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBS02

Tgt Ion: 43 Resp: 393116
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 12.8

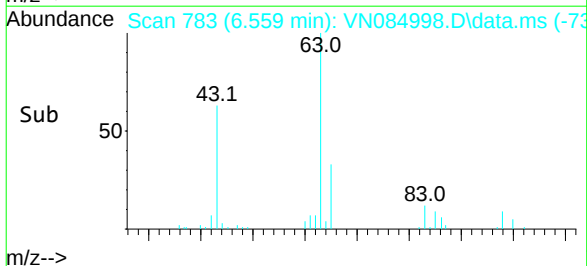
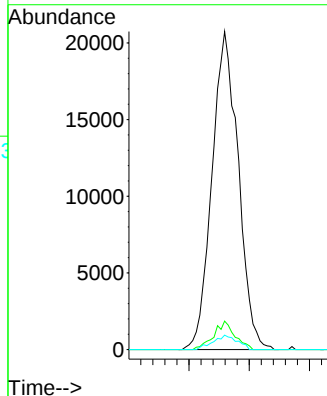
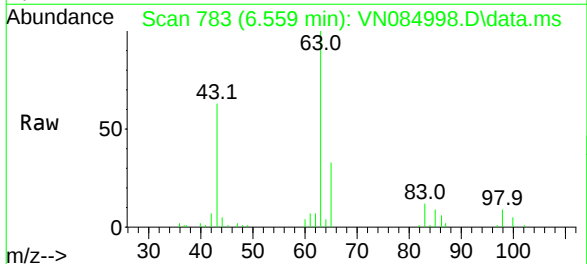
Manual Integrations
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Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#24
 1,1-Dichloroethane
 Concen: 18.528 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN084998.D
 Acq: 21 Nov 2024 16:45

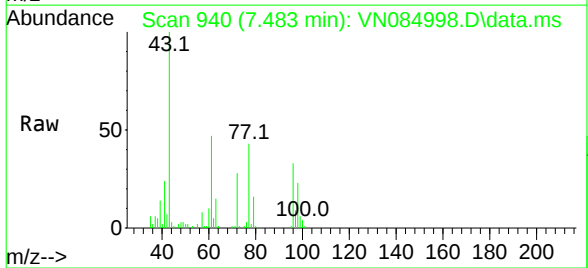
Tgt Ion: 63 Resp: 62917
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.4 10.2
 100 4.5 2.0 5.8





#25
2-Butanone
Concen: 111.170 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

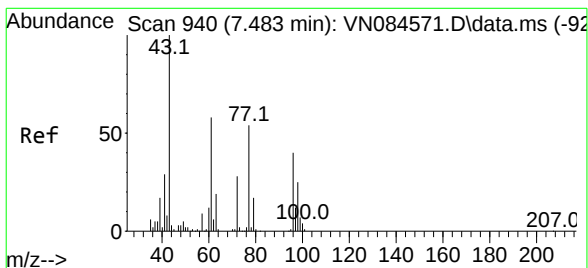
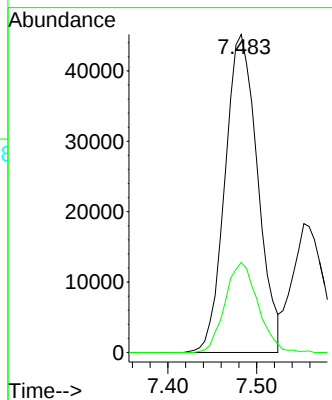
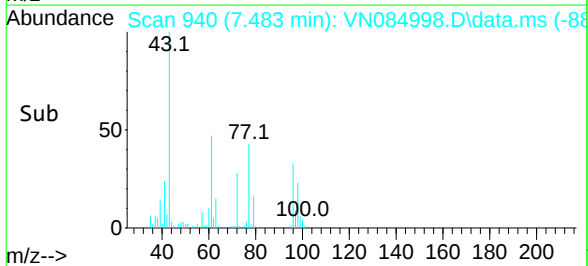
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02



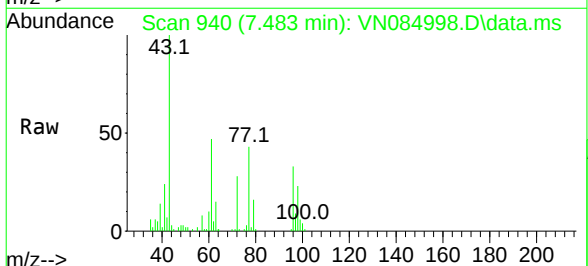
Tgt Ion: 43 Resp: 115459
Ion Ratio Lower Upper
43 100
72 28.3 21.4 32.2

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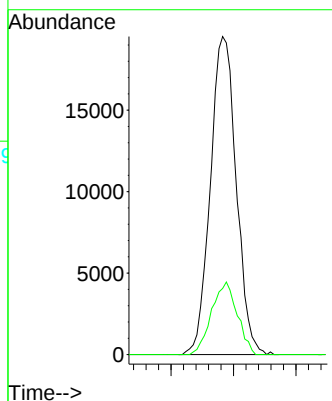
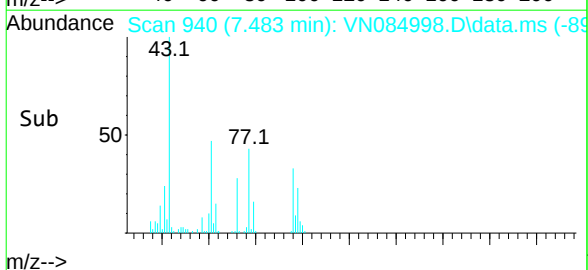
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#26
2,2-Dichloropropane
Concen: 19.015 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45



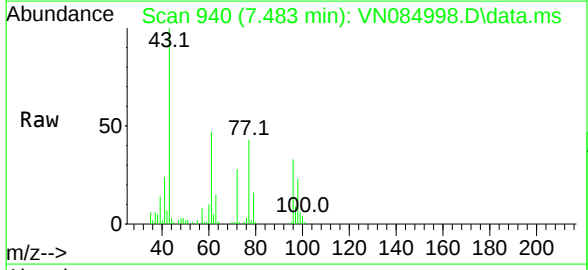
Tgt Ion: 77 Resp: 56201
Ion Ratio Lower Upper
77 100
97 22.6 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 17.949 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.006 min
 Lab File: VN084998.D
 Acq: 21 Nov 2024 16:45

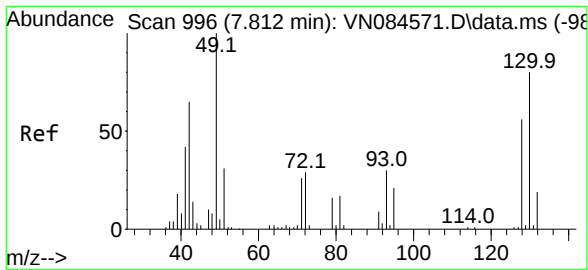
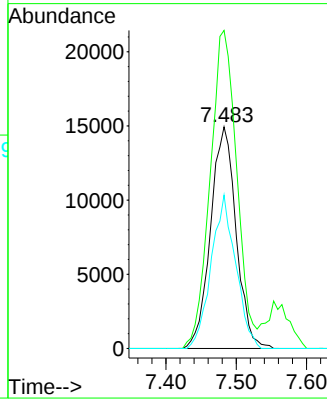
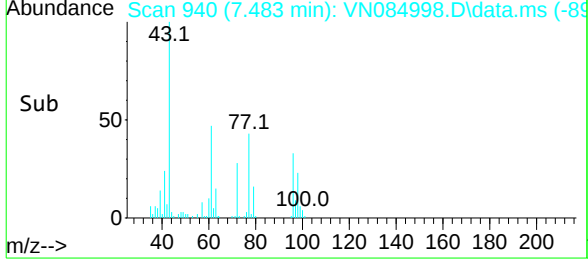
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBS02



Tgt Ion: 96 Resp: 37773
 Ion Ratio Lower Upper
 96 100
 61 149.6 0.0 301.8
 98 66.4 0.0 128.2

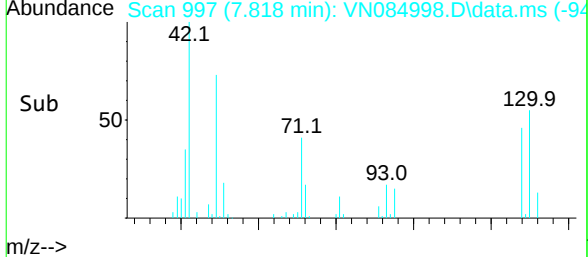
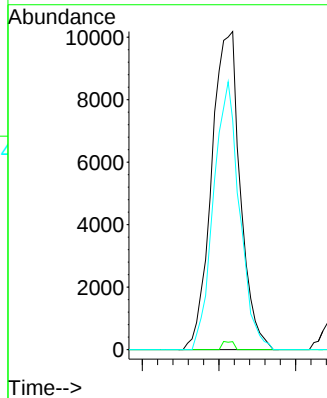
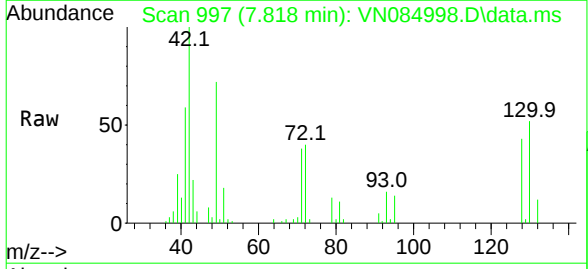
Manual Integrations
 APPROVED

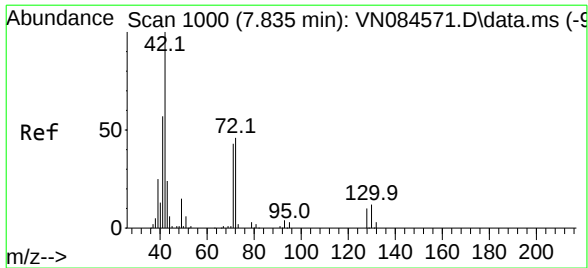
Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#28
 Bromochloromethane
 Concen: 19.559 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN084998.D
 Acq: 21 Nov 2024 16:45

Tgt Ion: 49 Resp: 26462
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.6
 130 76.4 58.0 87.0





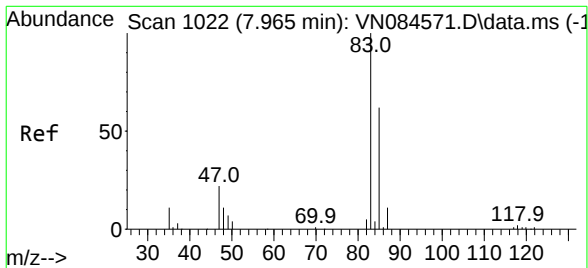
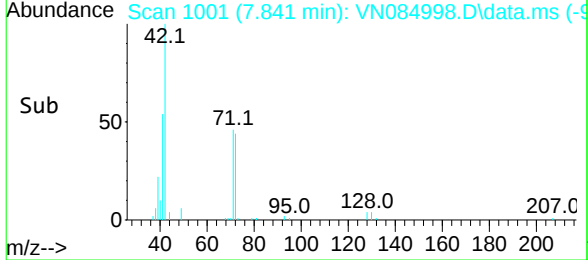
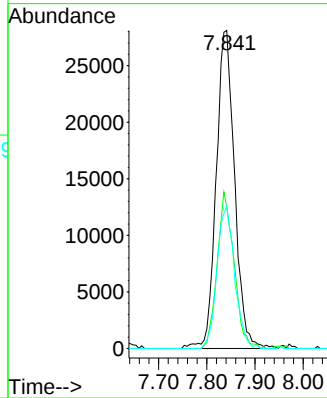
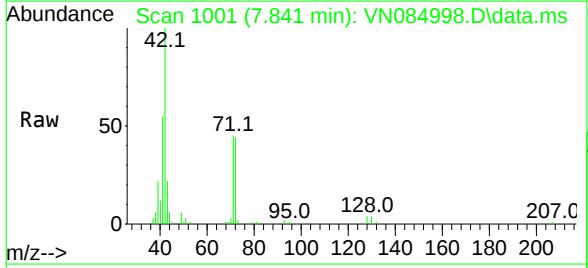
#29
Tetrahydrofuran
Concen: 108.158 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tgt Ion: 42 Resp: 74522
Ion Ratio Lower Upper
42 100
72 45.1 34.6 51.8
71 43.0 32.2 48.4

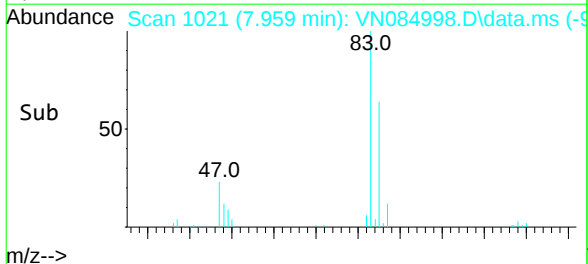
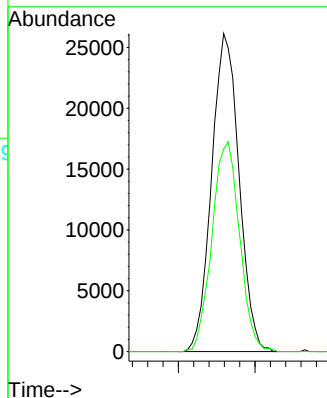
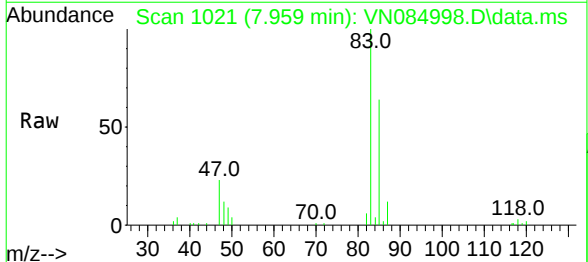
Manual Integrations
APPROVED

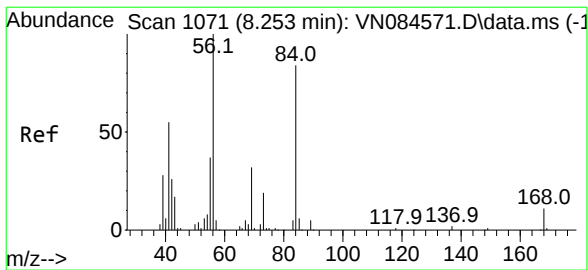
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#30
Chloroform
Concen: 18.770 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

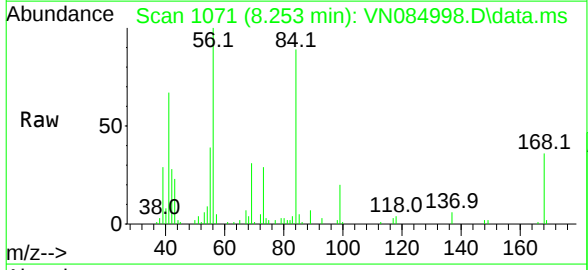
Tgt Ion: 83 Resp: 64875
Ion Ratio Lower Upper
83 100
85 63.6 51.0 76.4





#31
Cyclohexane
Concen: 16.434 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

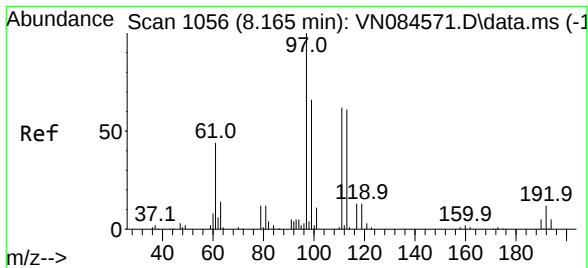
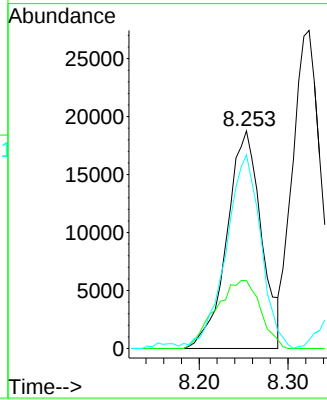
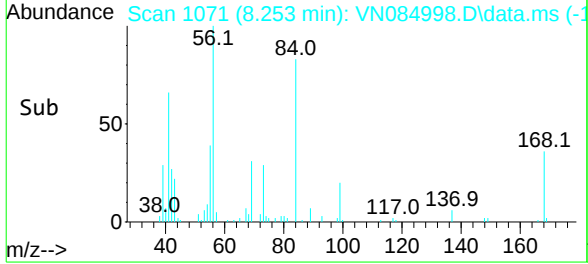
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02



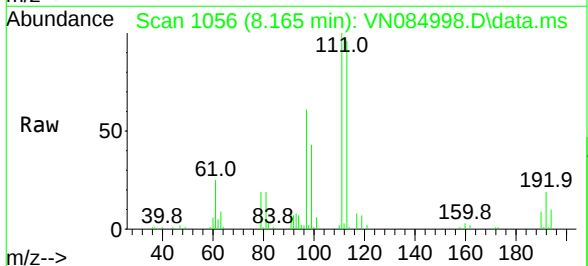
Tgt Ion: 56 Resp: 50509
Ion Ratio Lower Upper
56 100
69 31.2 23.8 35.6
84 87.9 68.8 103.2

Manual Integrations
APPROVED

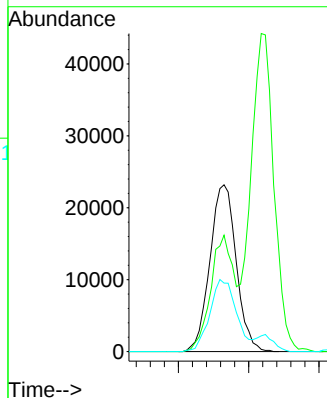
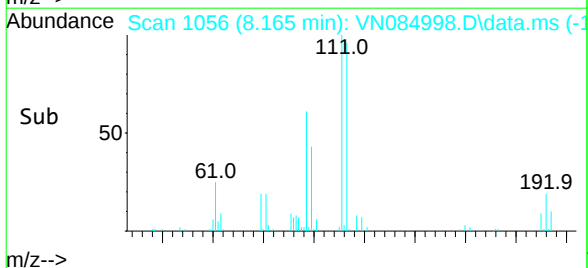
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

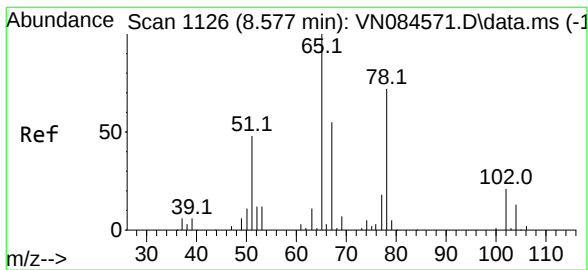


#32
1,1,1-Trichloroethane
Concen: 19.174 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45



Tgt Ion: 97 Resp: 60317
Ion Ratio Lower Upper
97 100
99 60.1 51.2 76.8
61 44.1 37.5 56.3





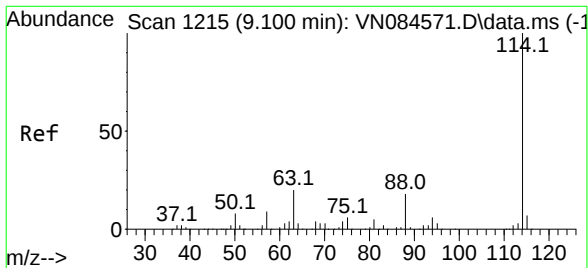
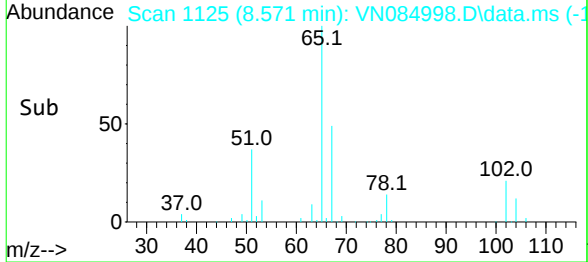
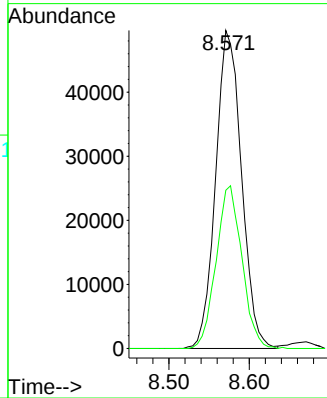
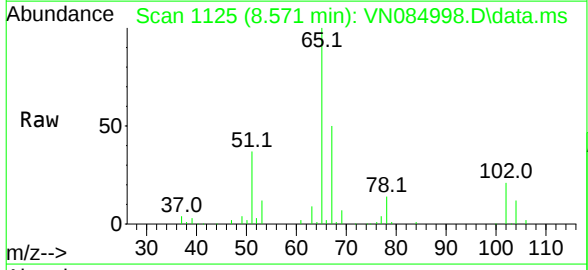
#33
 1,2-Dichloroethane-d4
 Concen: 49.799 ug/l
 RT: 8.571 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: VN084998.D
 Acq: 21 Nov 2024 16:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBS02

Tgt Ion: 65 Resp: 110862
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.0

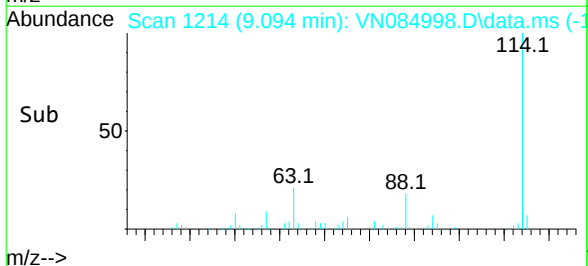
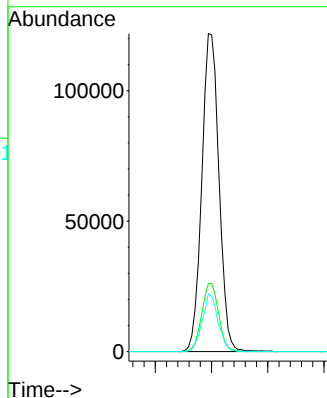
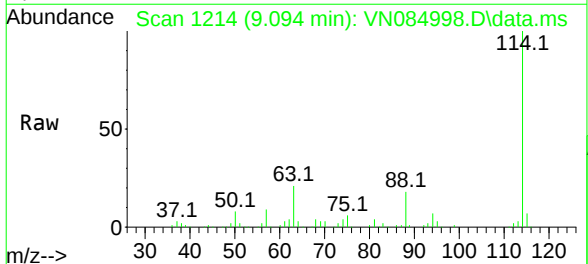
Manual Integrations
 APPROVED

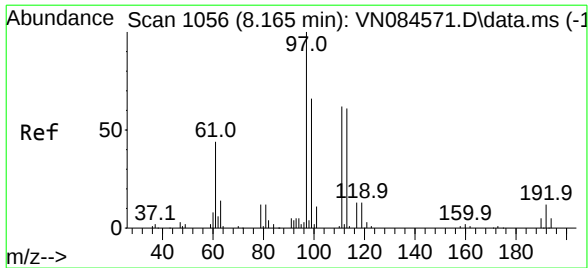
Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: VN084998.D
 Acq: 21 Nov 2024 16:45

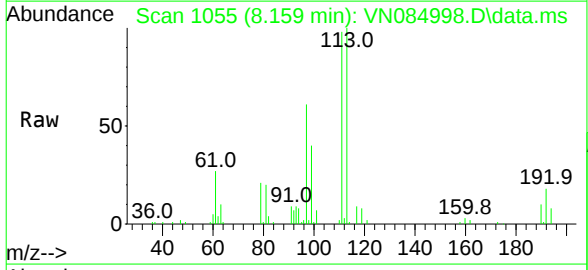
Tgt Ion:114 Resp: 258963
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.8
 88 18.1 0.0 31.6





#35
 Dibromofluoromethane
 Concen: 51.114 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084998.D
 Acq: 21 Nov 2024 16:45

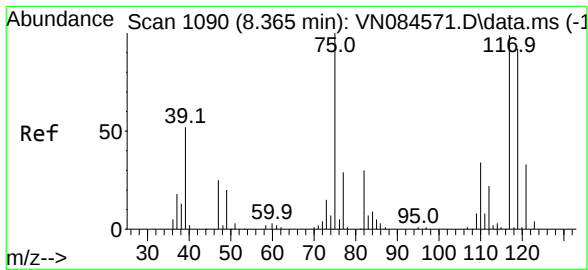
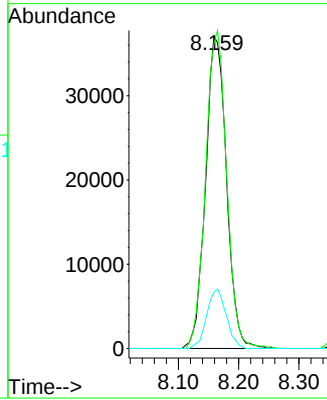
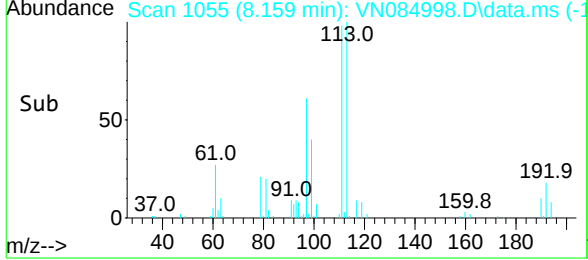
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBS02



Tgt Ion:	113	Resp:	89596
Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.3	124.9
192	17.7	13.5	20.3

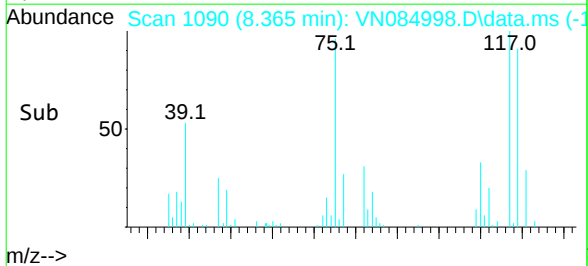
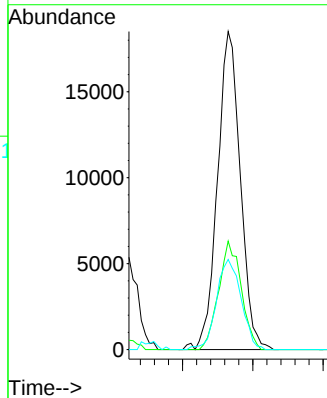
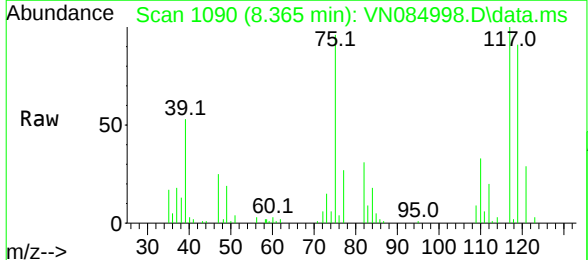
Manual Integrations
 APPROVED

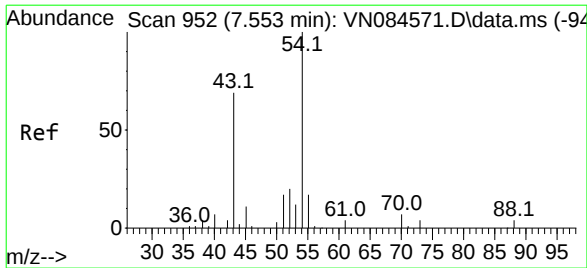
Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#36
 1,1-Dichloropropene
 Concen: 17.157 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VN084998.D
 Acq: 21 Nov 2024 16:45

Tgt Ion:	75	Resp:	41708
Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.9	50.7
77	30.6	24.7	37.1





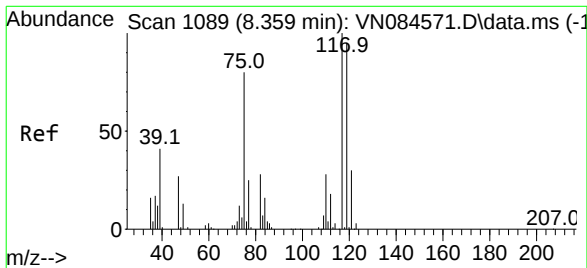
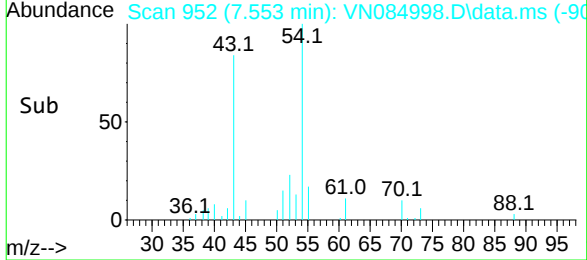
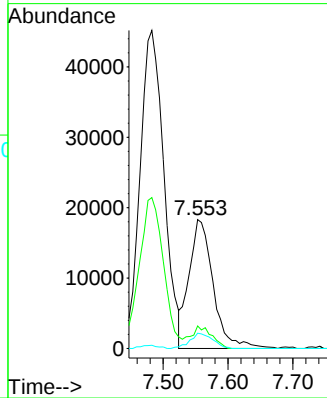
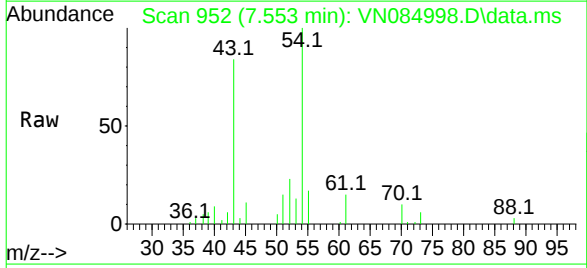
#37
Ethyl Acetate
Concen: 21.611 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.006 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tgt Ion: 43 Resp: 47667
Ion Ratio Lower Upper
43 100
61 13.7 10.7 16.1
70 11.0 8.8 13.2

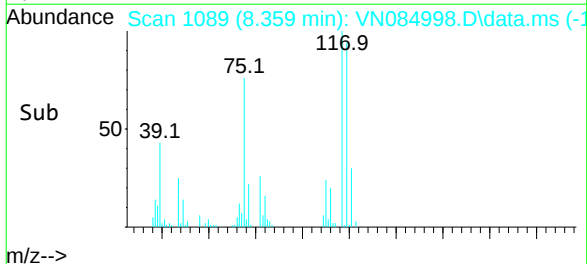
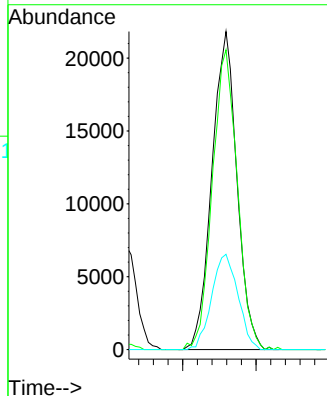
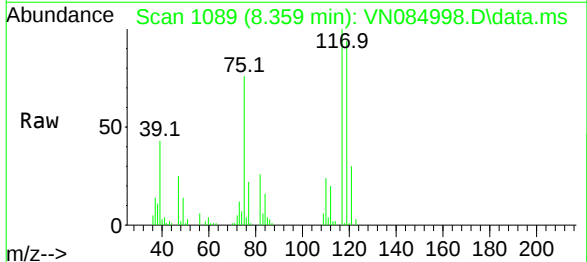
Manual Integrations
APPROVED

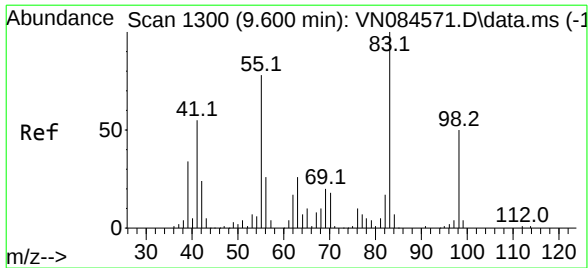
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#38
Carbon Tetrachloride
Concen: 19.012 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

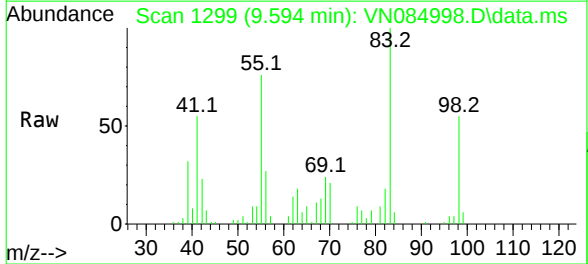
Tgt Ion:117 Resp: 51661
Ion Ratio Lower Upper
117 100
119 94.2 78.7 118.1
121 30.0 24.4 36.6





#39
Methylcyclohexane
Concen: 16.609 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

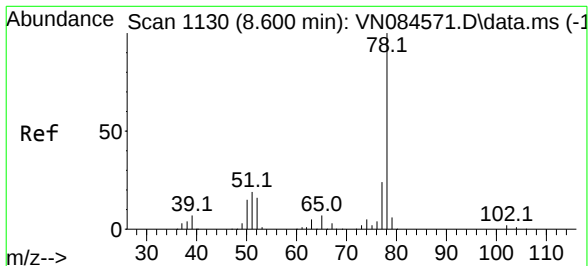
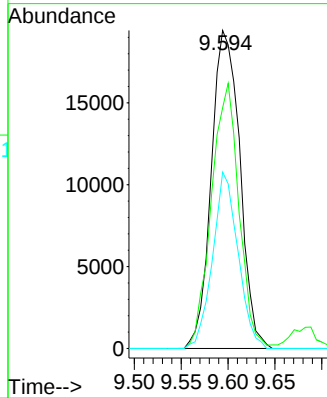
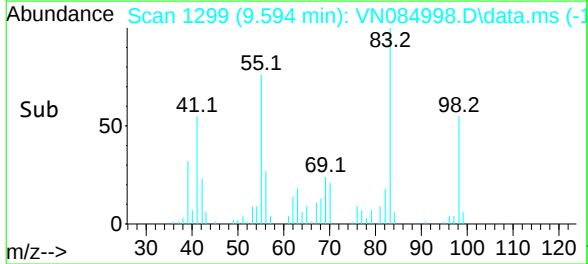
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02



Tgt Ion: 83 Resp: 41075
Ion Ratio Lower Upper
83 100
55 75.7 62.8 94.2
98 55.4 38.8 58.2

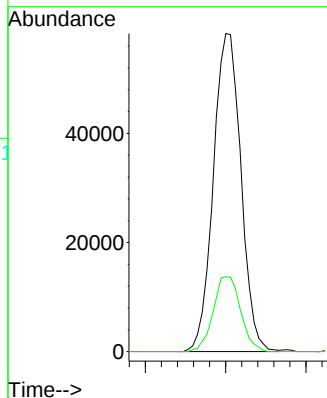
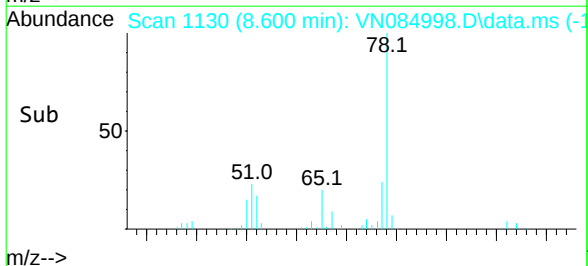
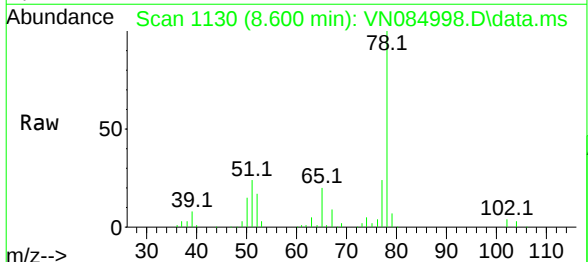
Manual Integrations
APPROVED

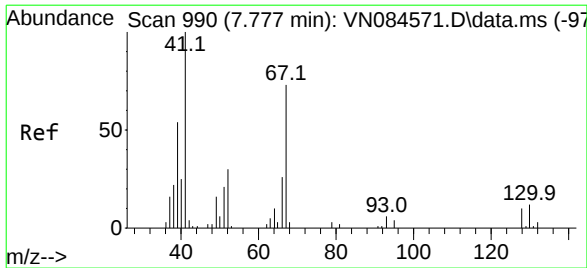
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#40
Benzene
Concen: 17.809 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Tgt Ion: 78 Resp: 139038
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7





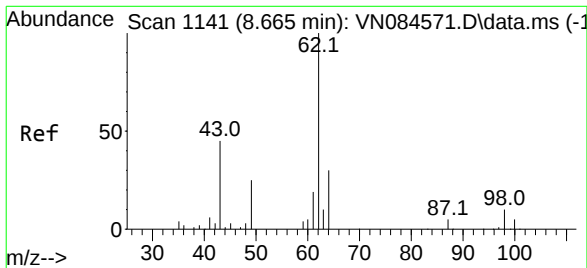
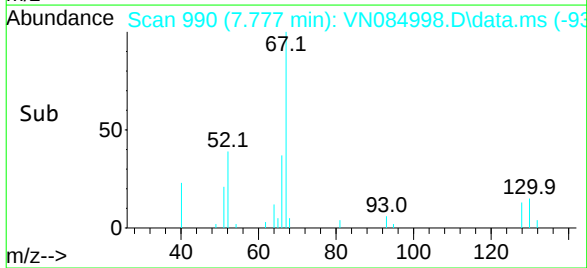
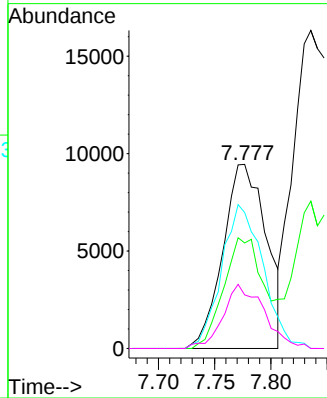
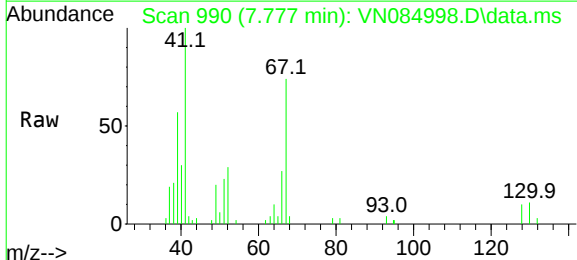
#41
Methacrylonitrile
Concen: 21.335 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tgt Ion:	41	Resp:	25306
Ion	Ratio	Lower	Upper
41	100		
39	53.4	43.3	64.9
67	74.9	56.1	84.1
52	32.8	24.5	36.7

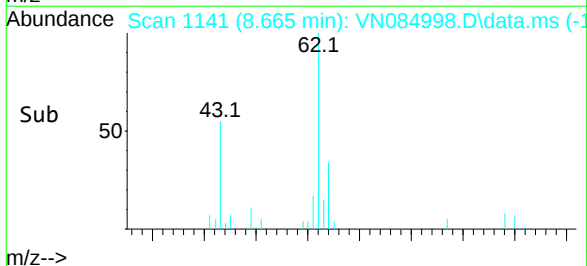
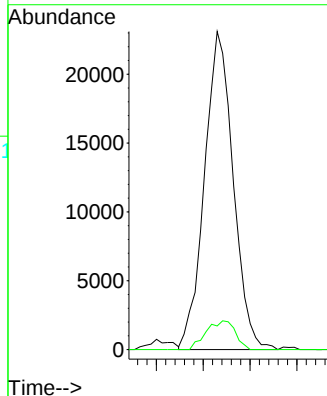
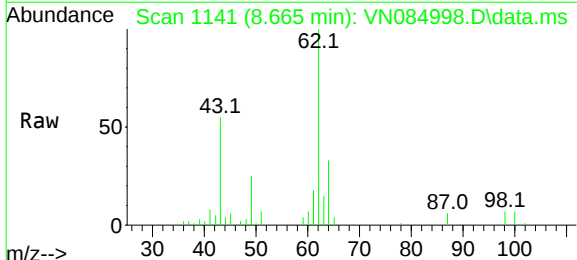
Manual Integrations
APPROVED

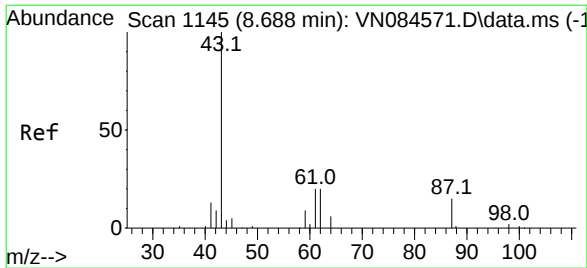
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#42
1,2-Dichloroethane
Concen: 19.489 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Tgt Ion:	62	Resp:	49275
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2





#43

Isopropyl Acetate

Concen: 21.298 ug/l

RT: 8.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084998.D

Acq: 21 Nov 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS02

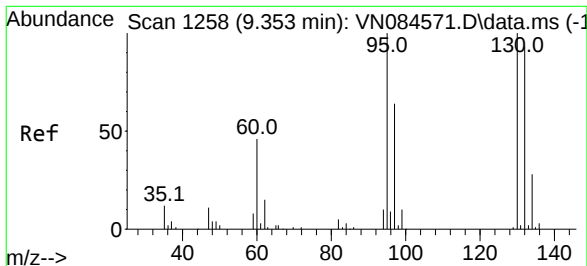
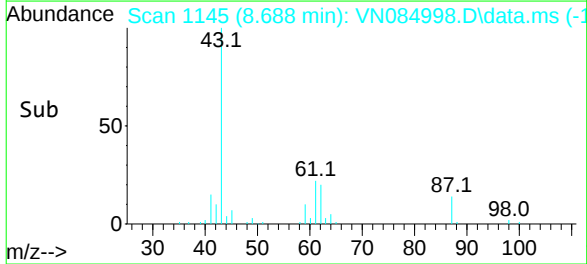
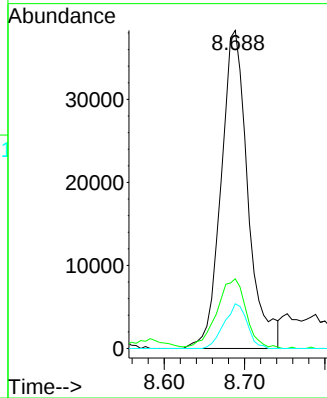
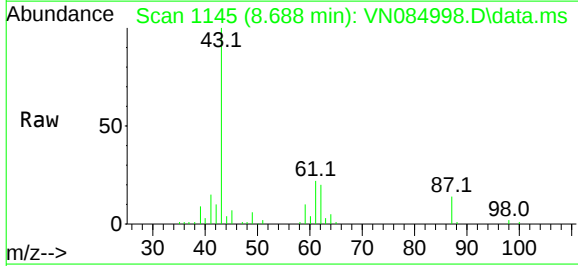
Tgt Ion:	43	Resp:	89042
Ion	Ratio	Lower	Upper
43	100		
61	24.1	20.4	30.6
87	12.1	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#44

Trichloroethene

Concen: 17.723 ug/l

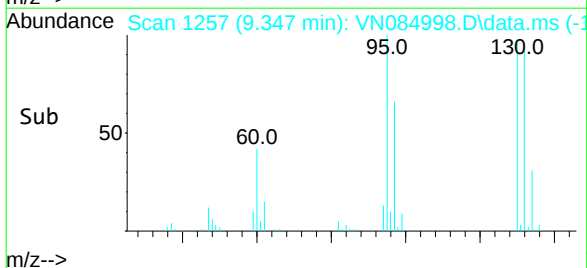
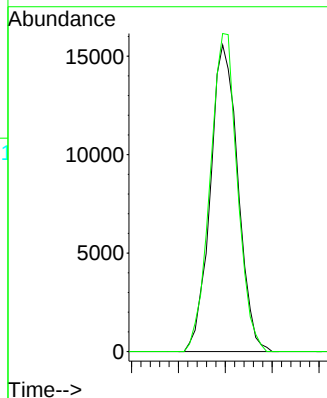
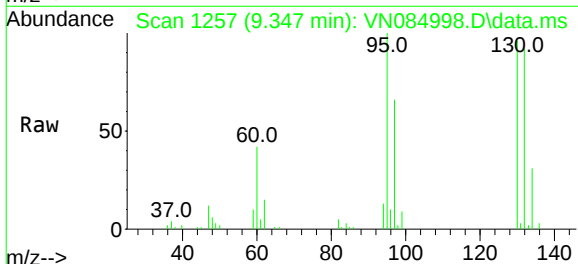
RT: 9.347 min Scan# 1257

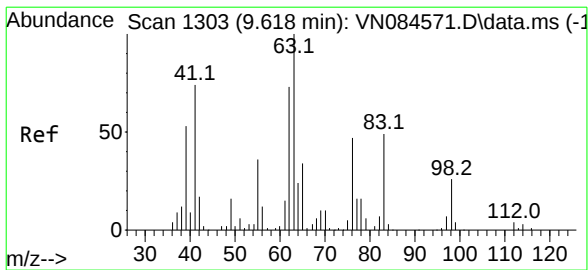
Delta R.T. 0.000 min

Lab File: VN084998.D

Acq: 21 Nov 2024 16:45

Tgt Ion:	130	Resp:	31910
Ion	Ratio	Lower	Upper
130	100		
95	103.7	0.0	203.0





#45

1,2-Dichloropropane

Concen: 19.000 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN084998.D

Acq: 21 Nov 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS02

Tgt Ion: 63 Resp: 34797

Ion Ratio Lower Upper

63 100

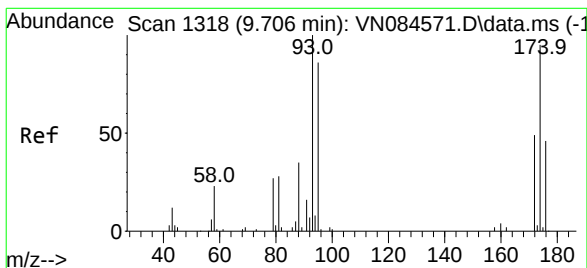
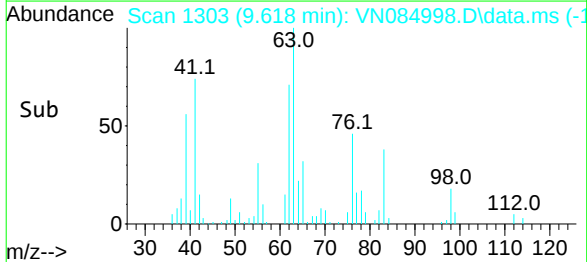
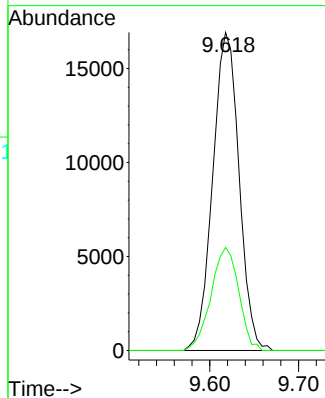
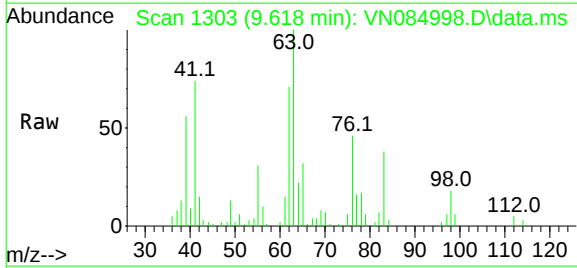
65 32.4 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#46

Dibromomethane

Concen: 19.526 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084998.D

Acq: 21 Nov 2024 16:45

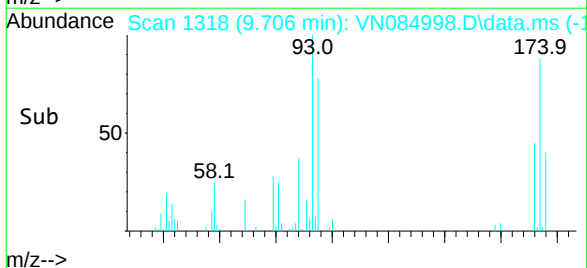
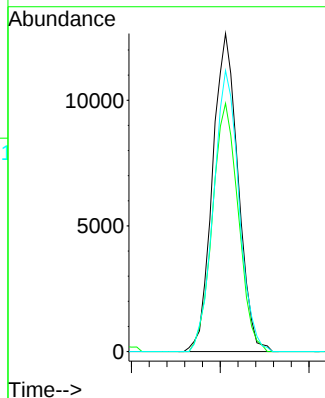
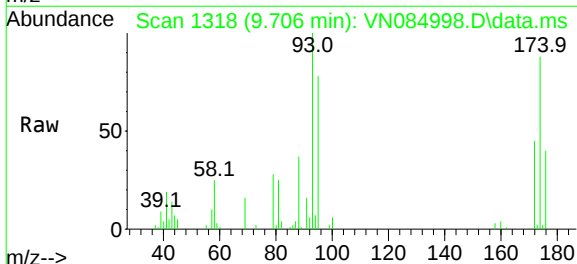
Tgt Ion: 93 Resp: 25233

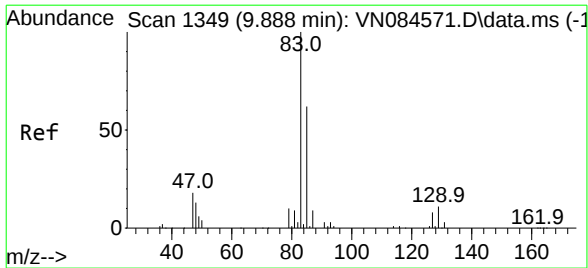
Ion Ratio Lower Upper

93 100

95 79.1 65.0 97.4

174 88.1 71.8 107.8





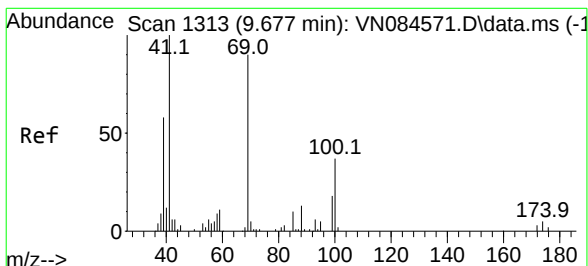
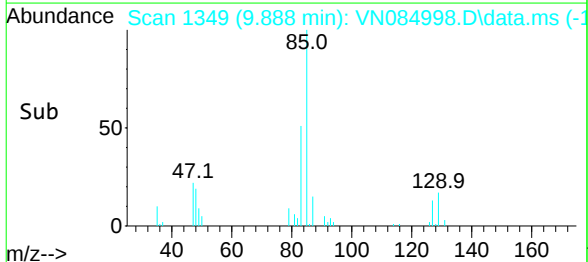
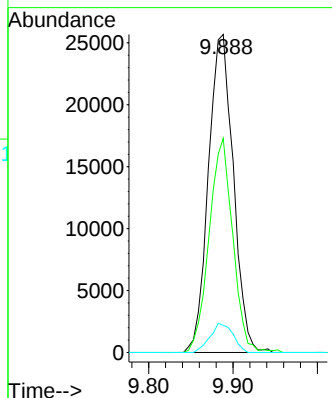
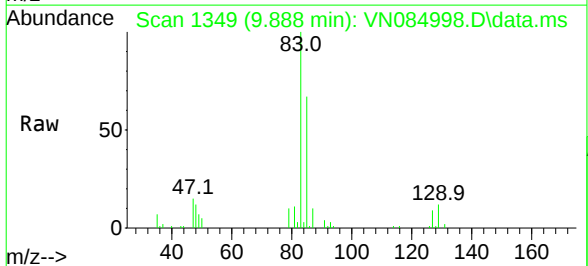
#47
 Bromodichloromethane
 Concen: 19.327 ug/l
 RT: 9.888 min Scan# 1349
 Delta R.T. 0.000 min
 Lab File: VN084998.D
 Acq: 21 Nov 2024 16:45

Instrument : MSVOA_N
 ClientSampleId : VN1121WBS02

Tgt Ion:	83	Resp:	52647
Ion	Ratio	Lower	Upper
83	100		
85	67.3	51.5	77.3
127	8.5	5.7	8.5

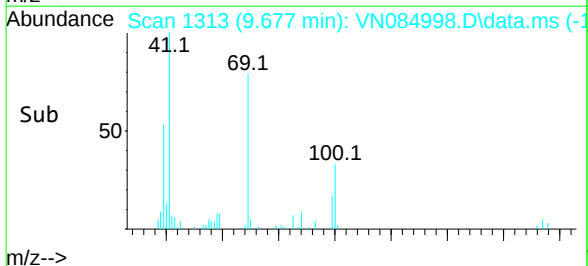
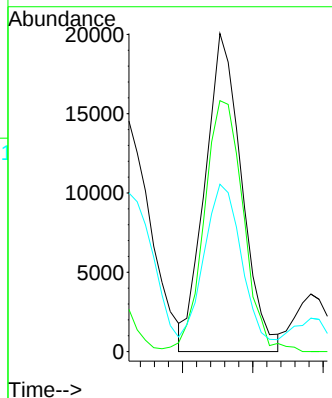
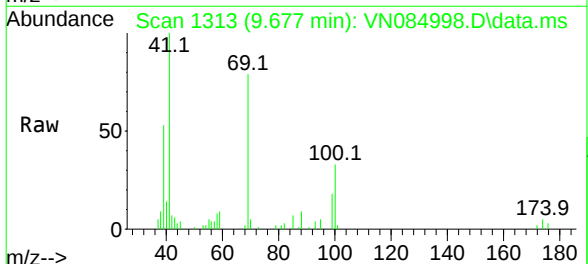
Manual Integrations
 APPROVED

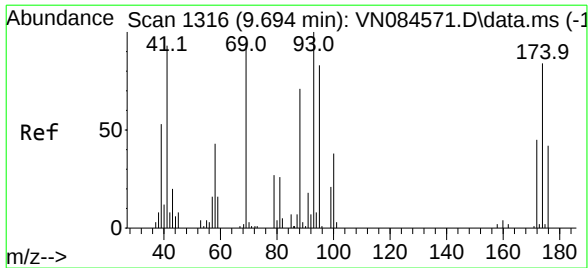
Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#48
 Methyl methacrylate
 Concen: 21.204 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. 0.000 min
 Lab File: VN084998.D
 Acq: 21 Nov 2024 16:45

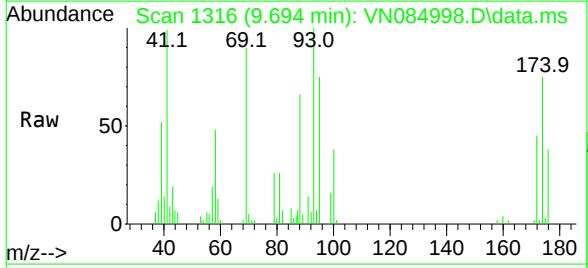
Tgt Ion:	41	Resp:	36398
Ion	Ratio	Lower	Upper
41	100		
69	84.1	67.1	100.7
39	56.2	45.8	68.6





#49
1,4-Dioxane
Concen: 446.070 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

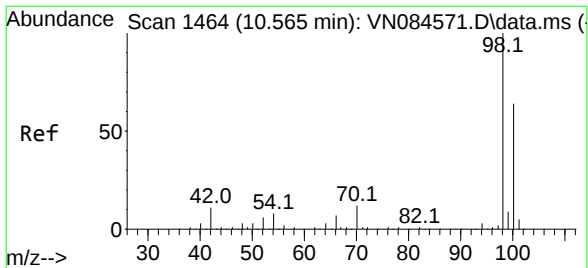
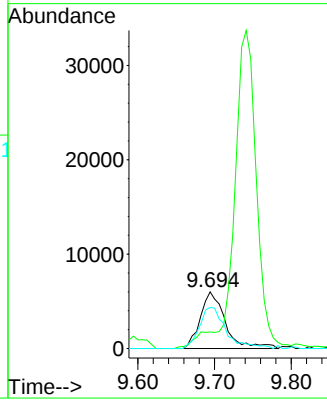
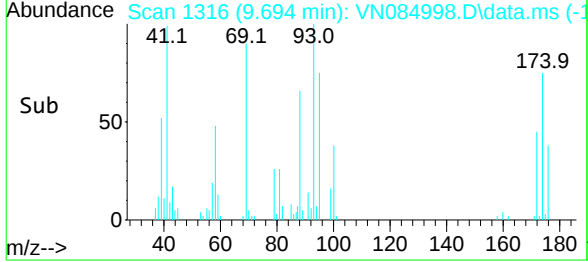
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02



Tgt Ion: 88 Resp: 13569
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 76.9 56.4 84.6

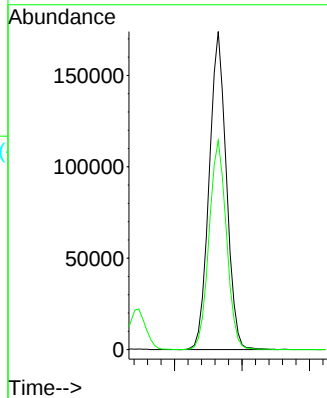
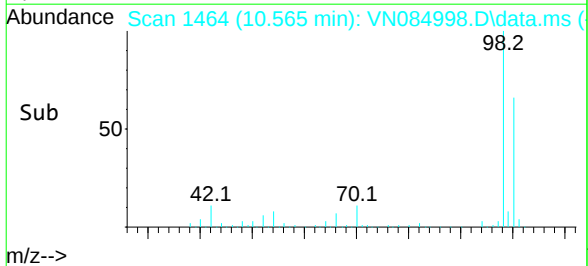
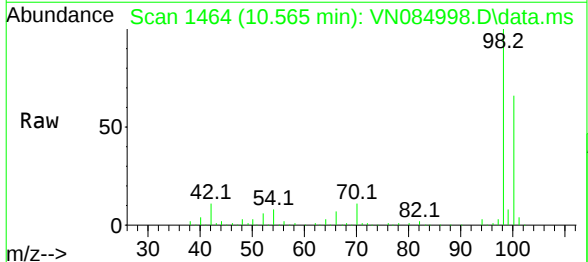
Manual Integrations
APPROVED

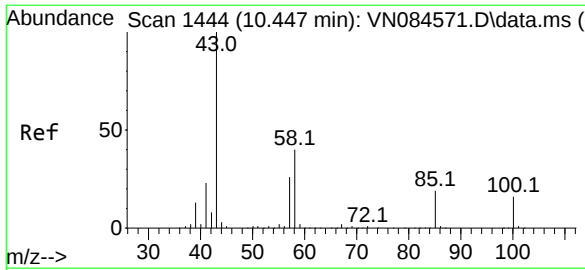
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#50
Toluene-d8
Concen: 47.630 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Tgt Ion: 98 Resp: 307545
Ion Ratio Lower Upper
98 100
100 66.4 52.7 79.1





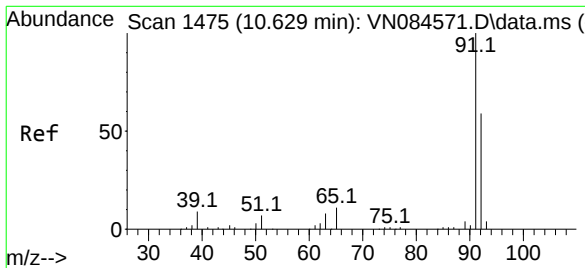
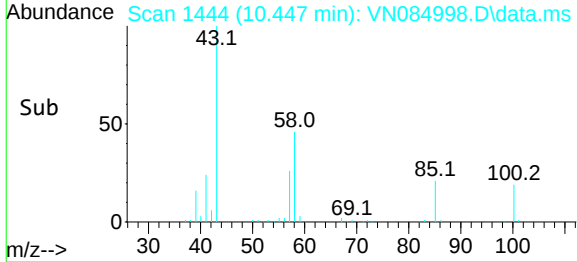
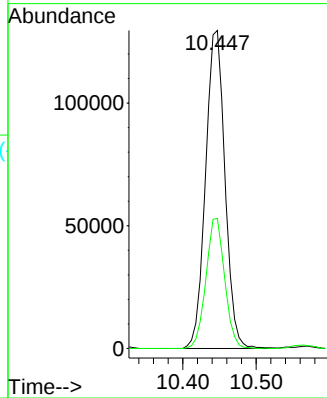
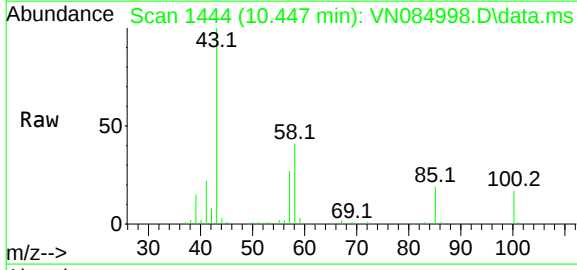
#51
4-Methyl-2-Pentanone
Concen: 113.253 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tgt Ion: 43 Resp: 238130
Ion Ratio Lower Upper
43 100
58 39.5 31.6 47.4

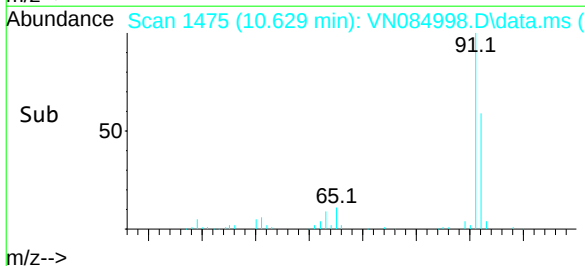
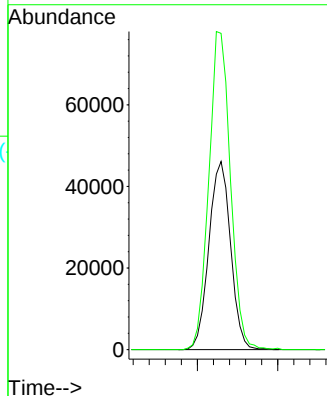
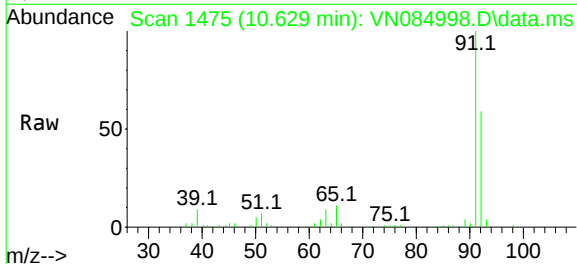
Manual Integrations
APPROVED

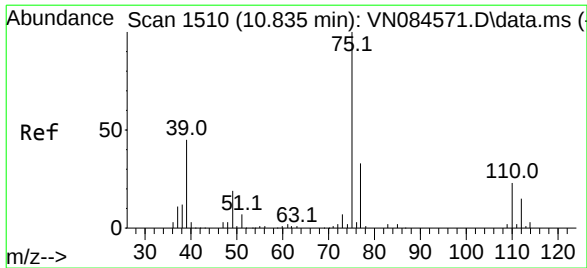
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#52
Toluene
Concen: 18.983 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

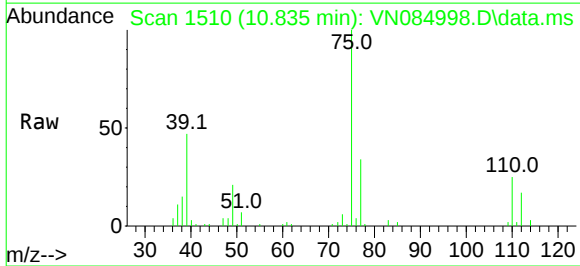
Tgt Ion: 92 Resp: 86676
Ion Ratio Lower Upper
92 100
91 168.1 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 17.694 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

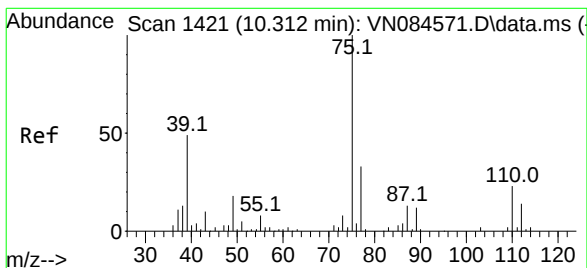
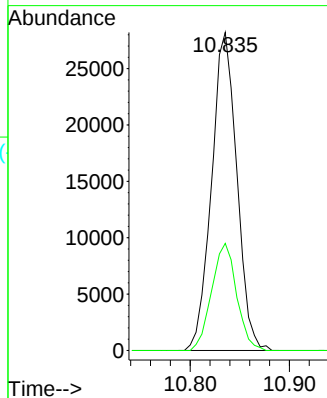
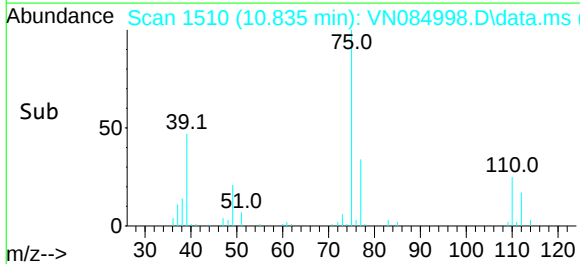
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02



Tgt Ion: 75 Resp: 49891
Ion Ratio Lower Upper
75 100
77 33.7 25.4 38.0

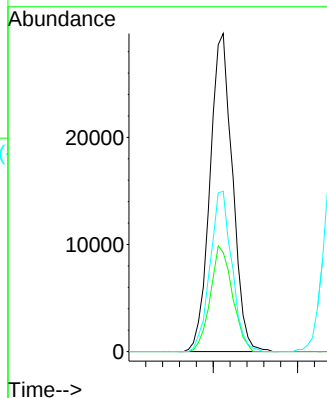
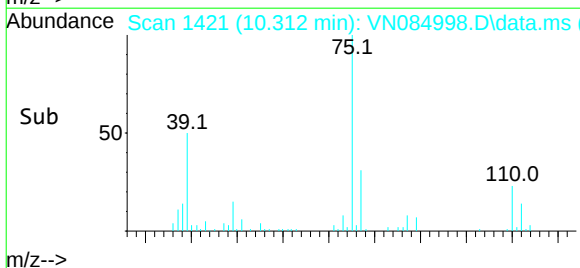
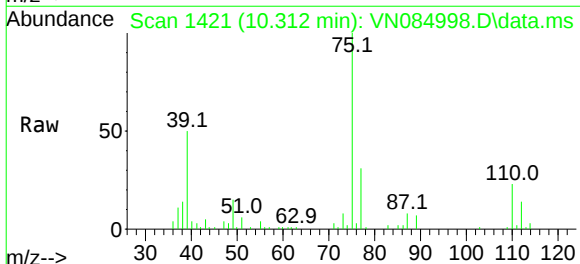
Manual Integrations
APPROVED

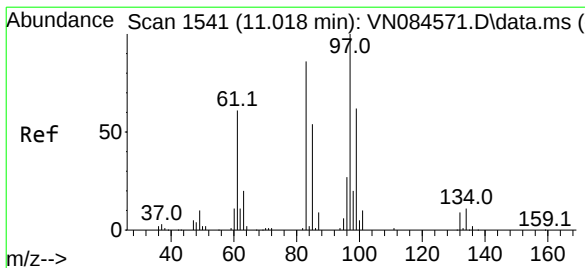
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#54
cis-1,3-Dichloropropene
Concen: 18.466 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

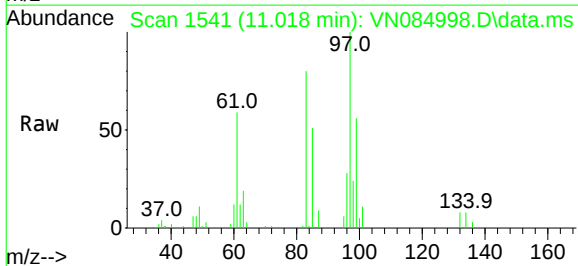
Tgt Ion: 75 Resp: 55110
Ion Ratio Lower Upper
75 100
77 31.2 24.2 36.2
39 50.4 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 20.469 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

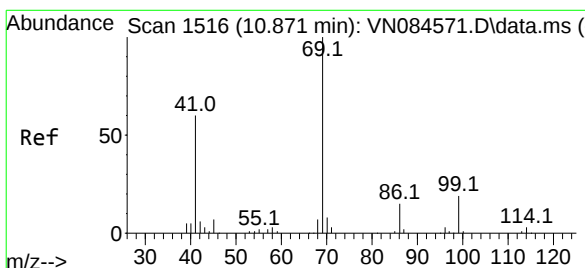
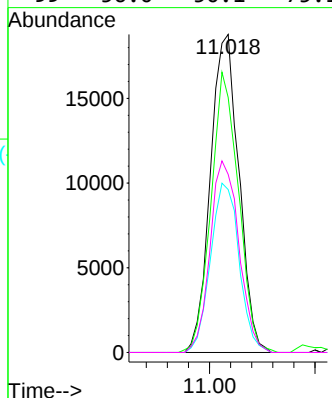
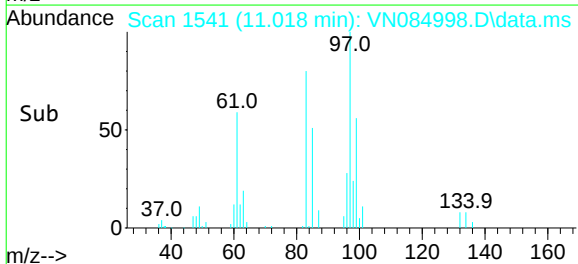
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02



Tgt Ion:	97	Resp:	35205
Ion	Ratio	Lower	Upper
97	100		
83	80.2	71.0	106.4
85	51.2	41.7	62.5
99	56.0	50.1	75.1

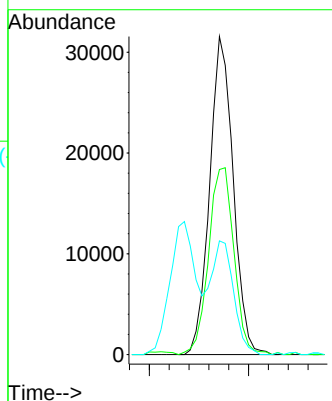
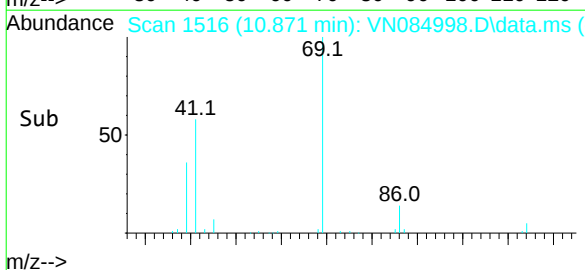
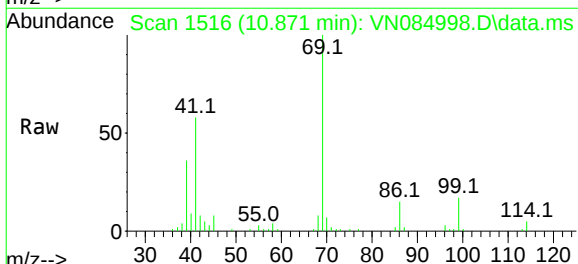
Manual Integrations
APPROVED

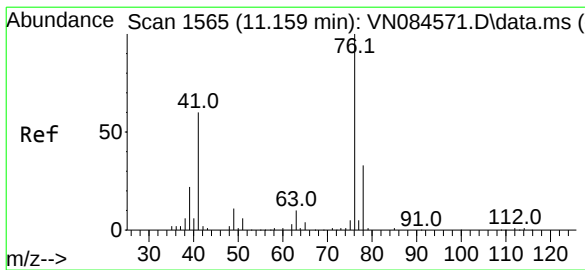
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#56
Ethyl methacrylate
Concen: 20.933 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Tgt Ion:	69	Resp:	52078
Ion	Ratio	Lower	Upper
69	100		
41	63.4	53.3	79.9
39	35.3	28.8	43.2





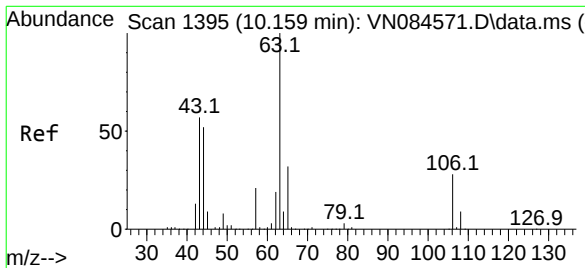
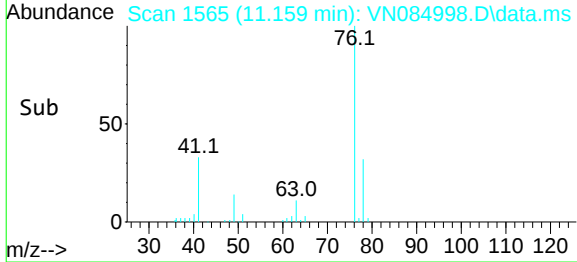
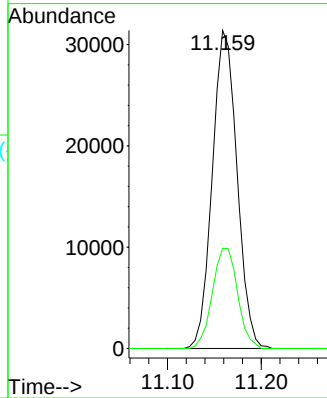
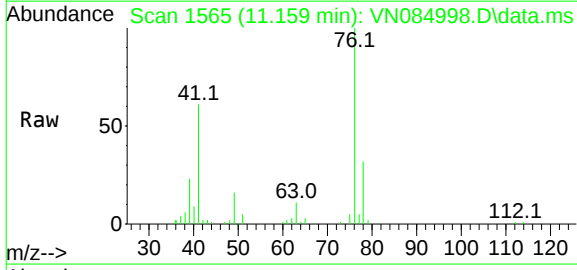
#57
1,3-Dichloropropane
Concen: 19.469 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tgt Ion: 76 Resp: 57469
Ion Ratio Lower Upper
76 100
78 32.1 25.8 38.6

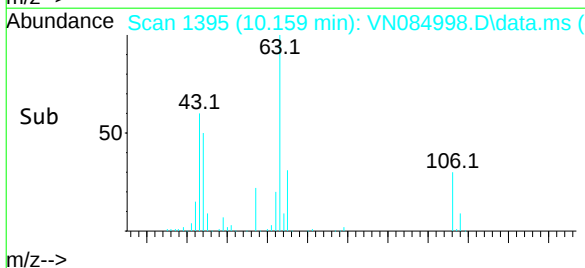
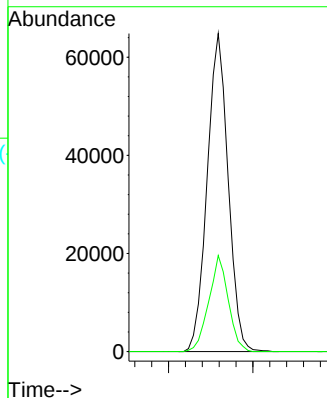
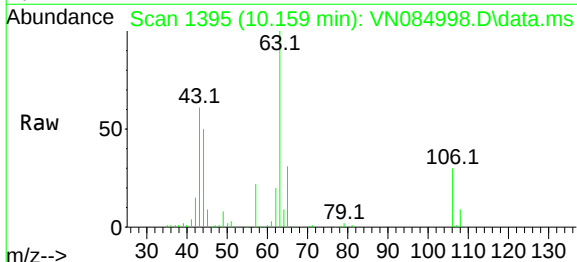
Manual Integrations
APPROVED

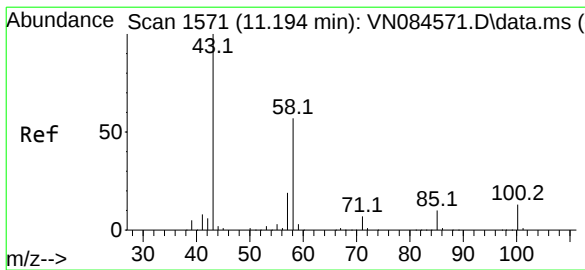
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#58
2-Chloroethyl Vinyl ether
Concen: 96.061 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Tgt Ion: 63 Resp: 111828
Ion Ratio Lower Upper
63 100
106 28.0 21.8 32.6





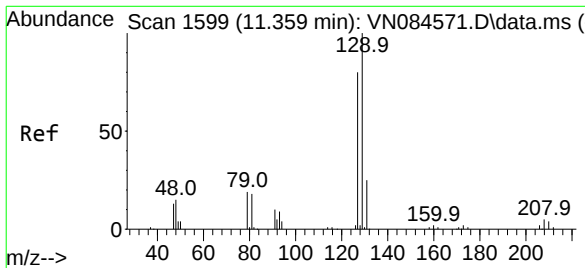
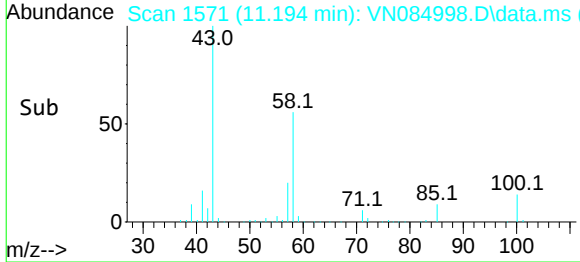
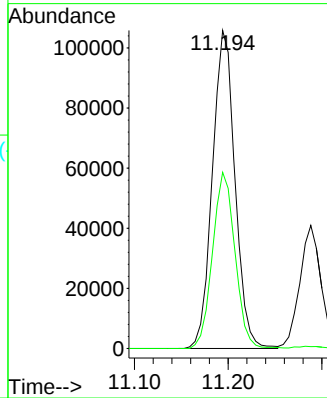
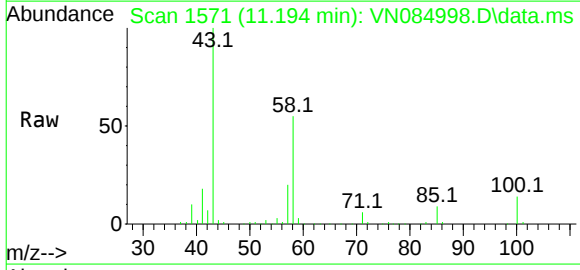
#59
2-Hexanone
Concen: 115.684 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tgt Ion: 43 Resp: 177051
Ion Ratio Lower Upper
43 100
58 55.1 27.3 81.8

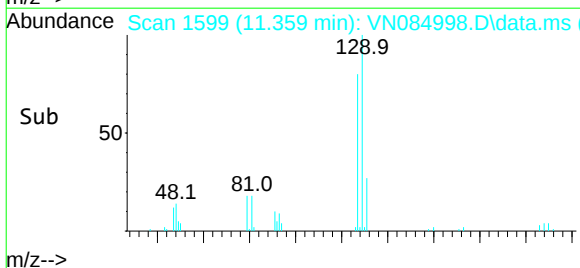
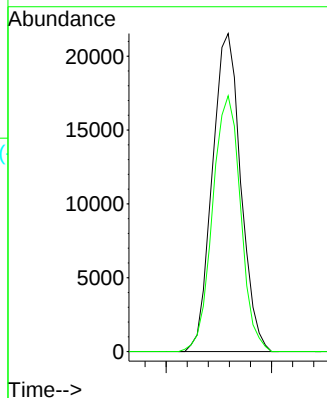
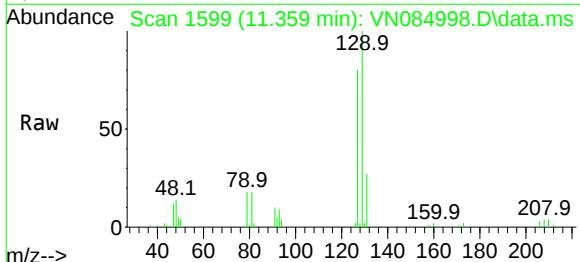
Manual Integrations
APPROVED

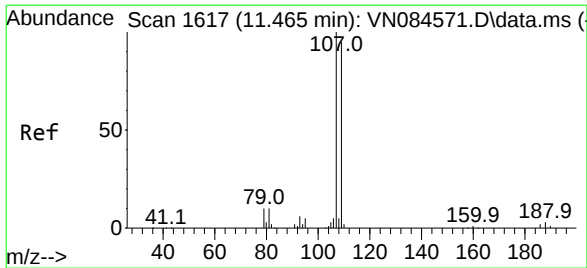
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#60
Dibromochloromethane
Concen: 20.615 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Tgt Ion:129 Resp: 40410
Ion Ratio Lower Upper
129 100
127 79.2 38.3 114.9





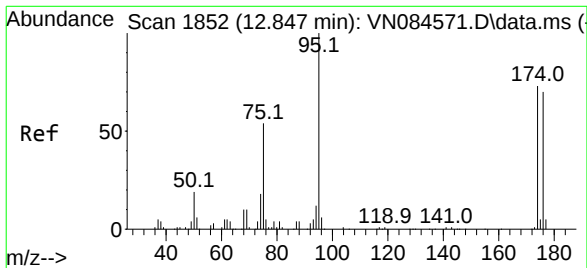
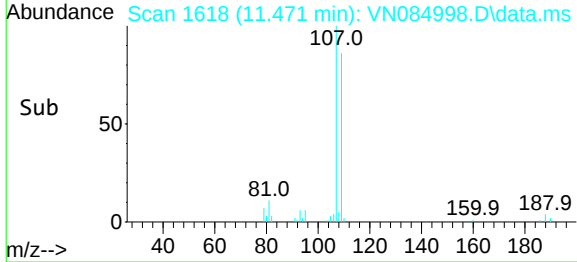
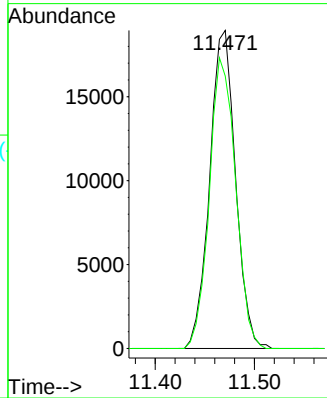
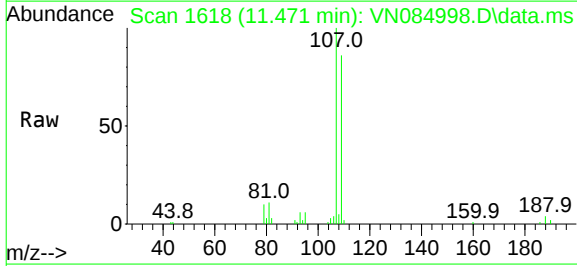
#61
1,2-Dibromoethane
Concen: 19.496 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tgt Ion: 107 Resp: 34339
Ion Ratio Lower Upper
107 100
109 92.8 75.4 113.0

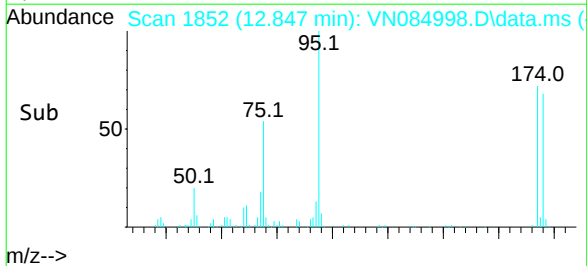
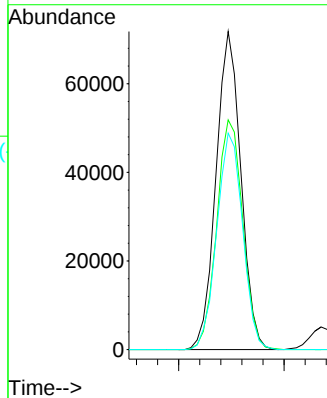
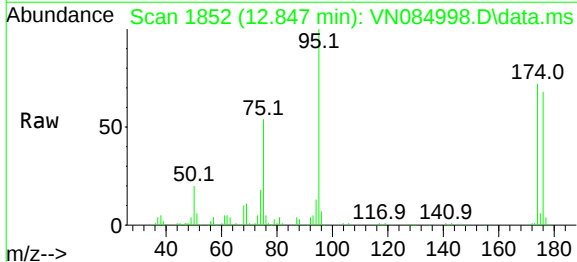
Manual Integrations
APPROVED

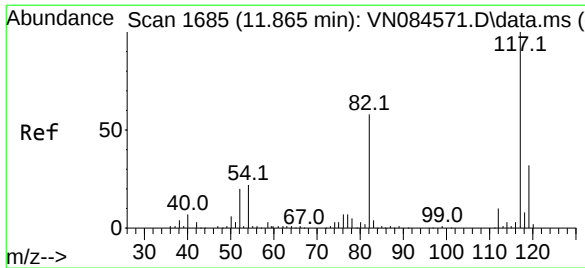
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#62
4-Bromofluorobenzene
Concen: 48.846 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Tgt Ion: 95 Resp: 117875
Ion Ratio Lower Upper
95 100
174 75.4 0.0 145.2
176 70.6 0.0 140.0





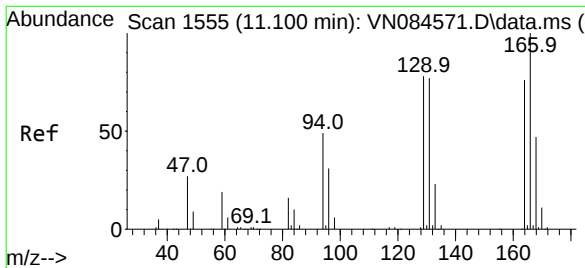
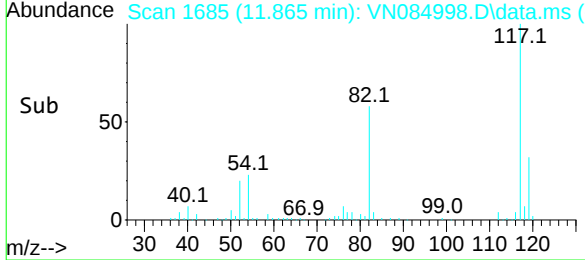
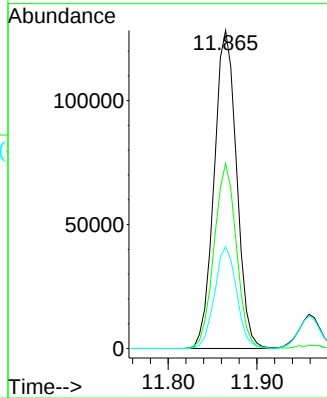
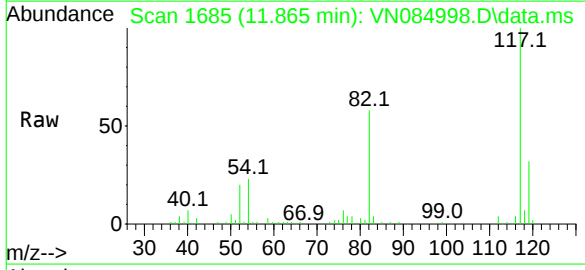
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tgt Ion:117 Resp: 225356
Ion Ratio Lower Upper
117 100
82 58.2 47.2 70.8
119 32.0 25.4 38.0

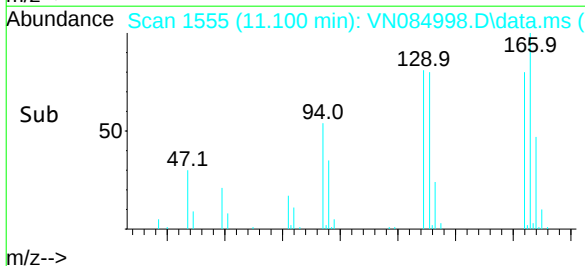
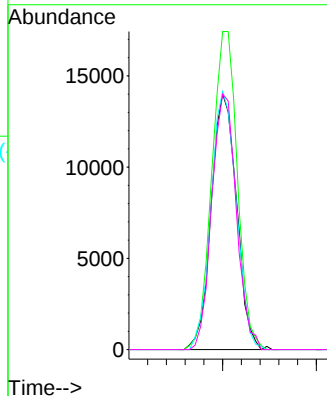
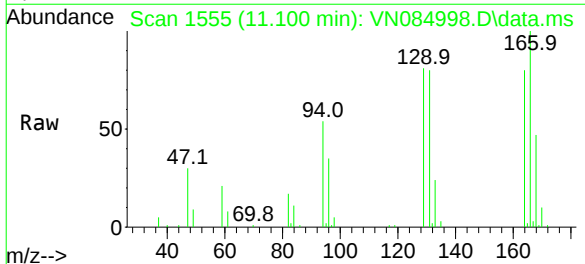
Manual Integrations
APPROVED

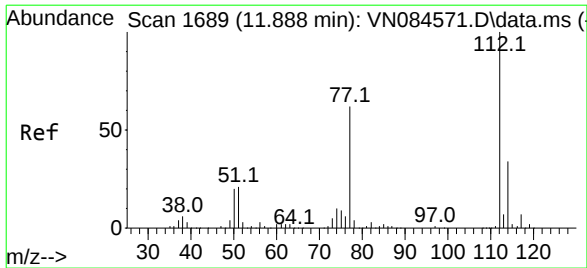
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#64
Tetrachloroethene
Concen: 17.546 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Tgt Ion:164 Resp: 26302
Ion Ratio Lower Upper
164 100
166 124.4 101.0 151.4
129 101.0 80.8 121.2
131 99.9 78.1 117.1





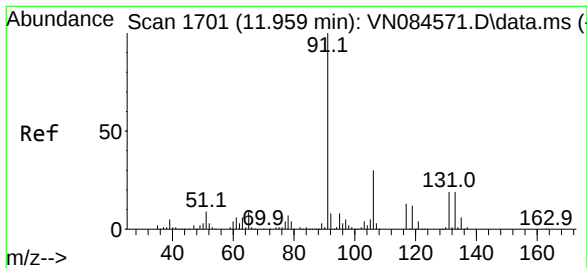
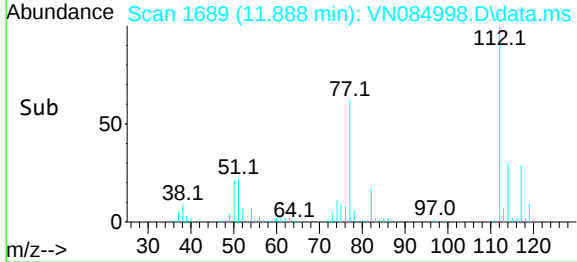
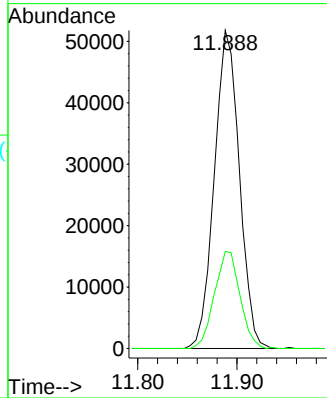
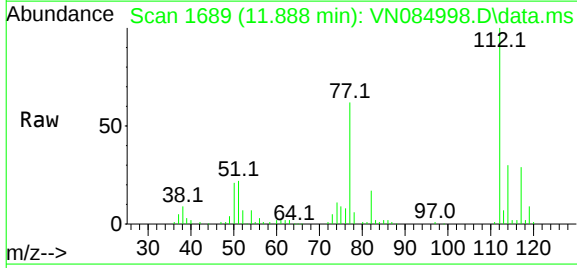
#65
Chlorobenzene
Concen: 17.992 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tgt Ion:112 Resp: 90710
Ion Ratio Lower Upper
112 100
114 30.5 27.0 40.6

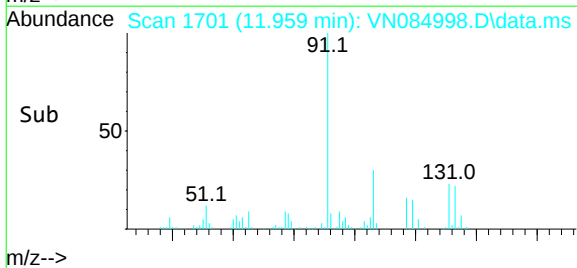
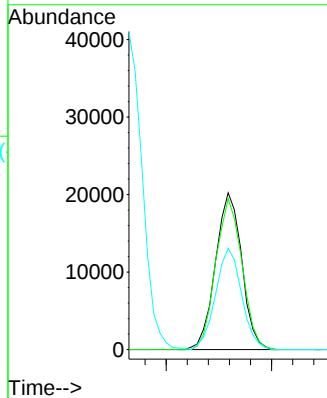
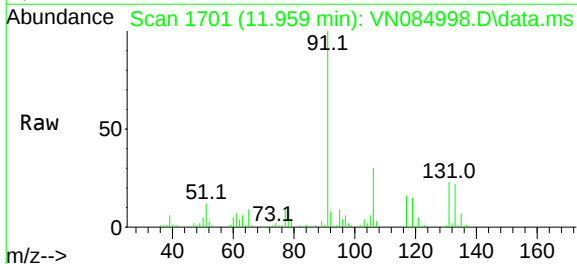
Manual Integrations
APPROVED

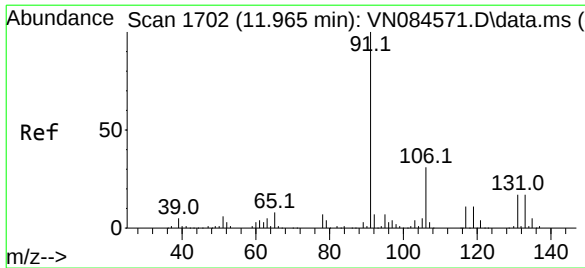
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.954 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Tgt Ion:131 Resp: 34992
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.7
119 64.2 32.8 98.3





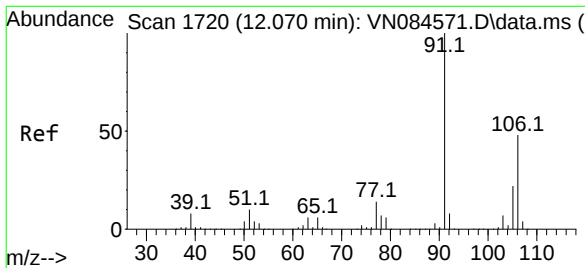
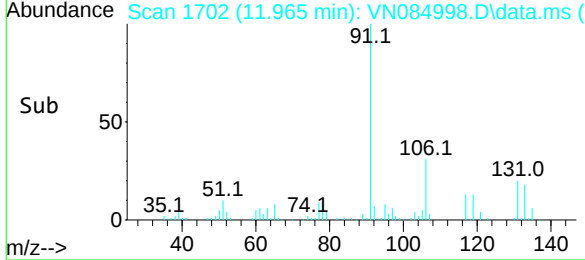
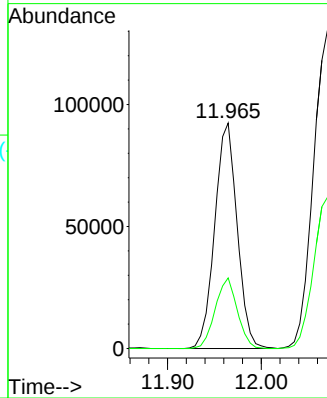
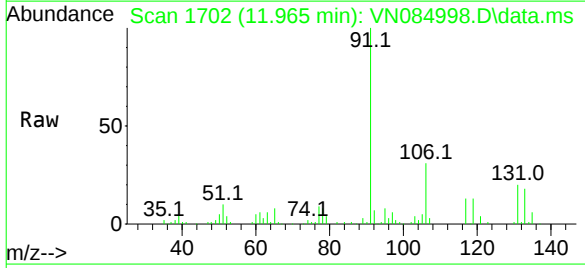
#67
Ethyl Benzene
Concen: 18.226 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tgt Ion: 91 Resp: 153382
Ion Ratio Lower Upper
91 100
106 31.3 24.5 36.7

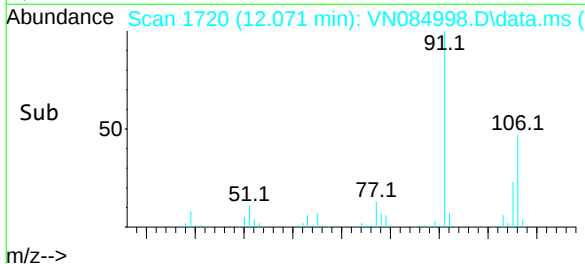
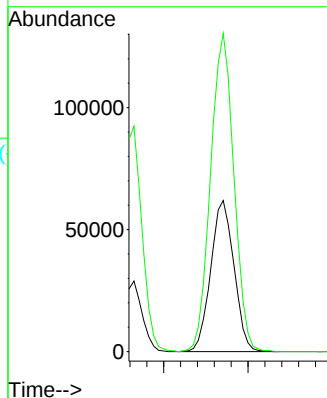
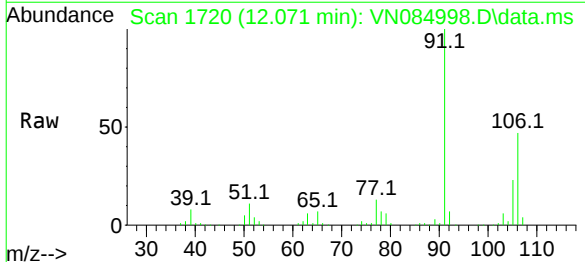
Manual Integrations
APPROVED

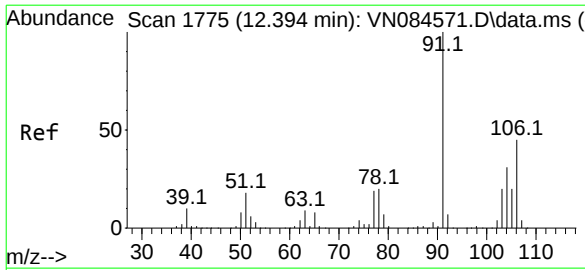
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#68
m/p-Xylenes
Concen: 37.210 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Tgt Ion:106 Resp: 118552
Ion Ratio Lower Upper
106 100
91 211.3 167.1 250.7





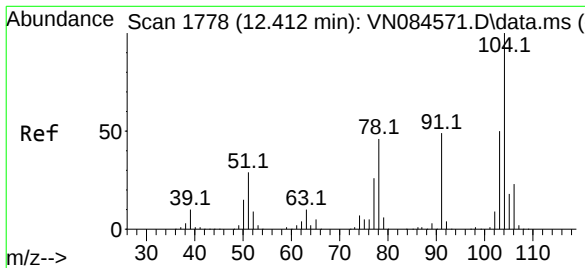
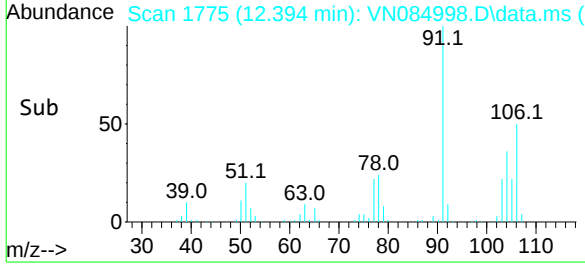
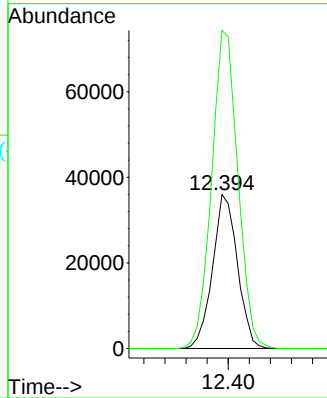
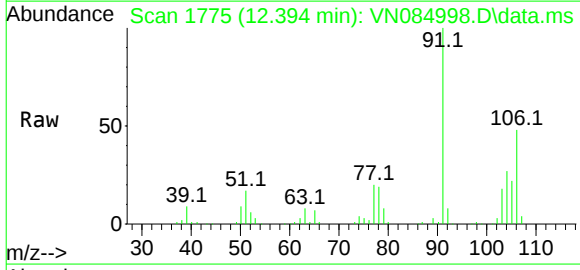
#69
o-Xylene
Concen: 19.757 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tgt Ion:106 Resp: 5885
Ion Ratio Lower Upper
106 100
91 218.3 110.2 330.6

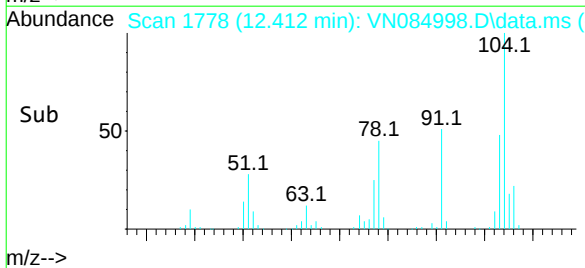
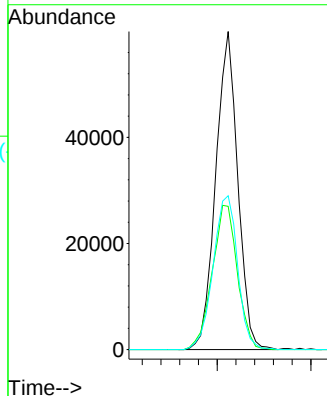
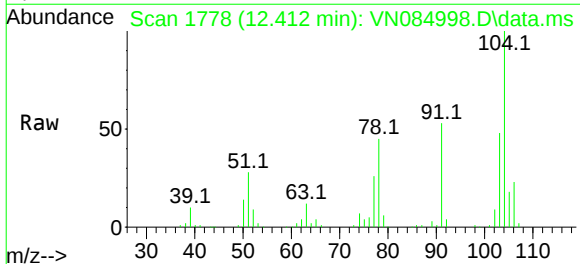
Manual Integrations
APPROVED

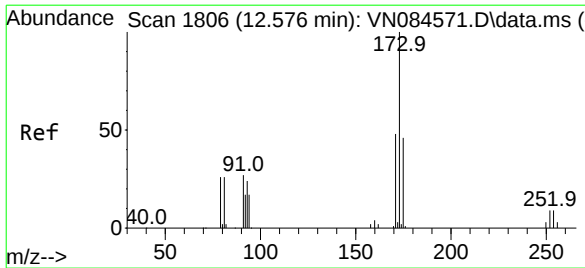
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#70
Styrene
Concen: 18.836 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Tgt Ion:104 Resp: 97931
Ion Ratio Lower Upper
104 100
78 51.8 42.7 64.1
103 53.8 43.6 65.4





#71

Bromoform

Concen: 19.892 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084998.D

Acq: 21 Nov 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

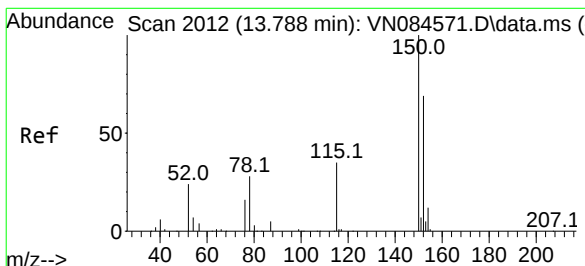
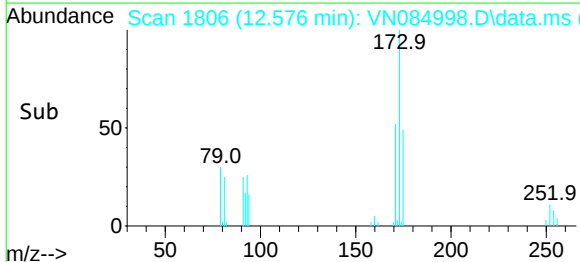
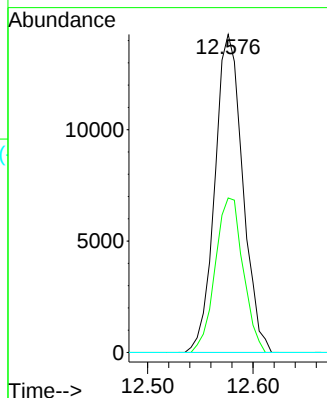
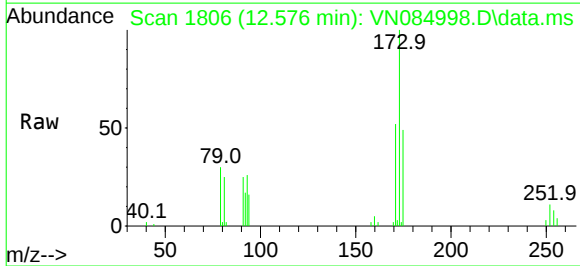
VN1121WBS02

Tgt Ion:	173	Resp:	26248
Ion Ratio	Lower	Upper	
173	100		
175	48.6	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

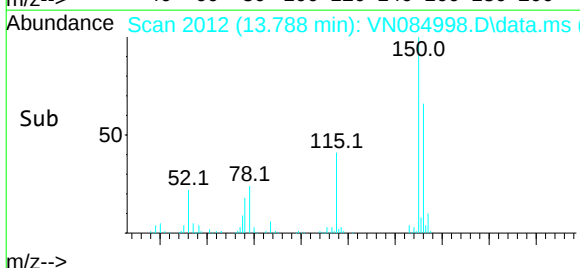
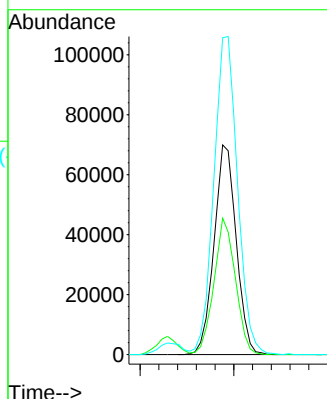
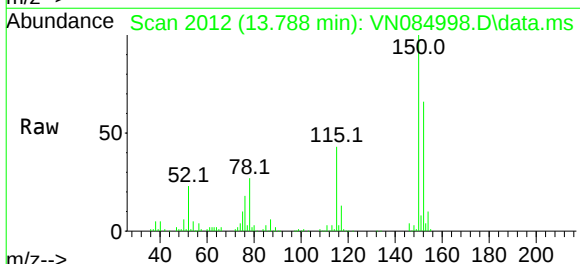
RT: 13.788 min Scan# 2012

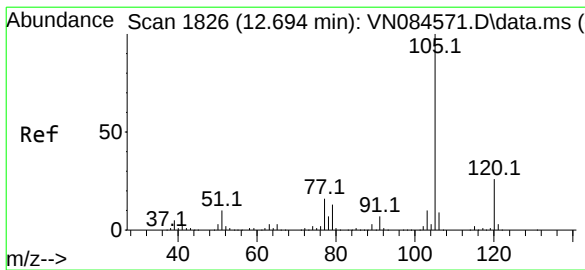
Delta R.T. 0.000 min

Lab File: VN084998.D

Acq: 21 Nov 2024 16:45

Tgt Ion:	152	Resp:	114991
Ion Ratio	Lower	Upper	
152	100		
115	62.9	31.3	93.9
150	162.4	0.0	349.8





#73

Isopropylbenzene

Concen: 18.660 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084998.D

Acq: 21 Nov 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS02

Tgt Ion: 105 Resp: 150369

Ion Ratio Lower Upper

105 100

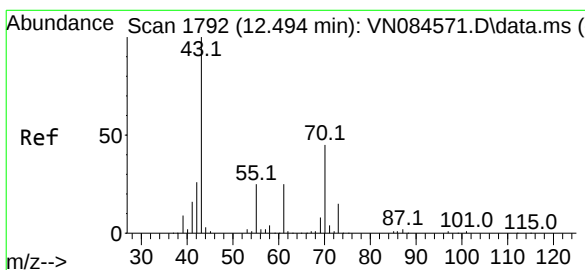
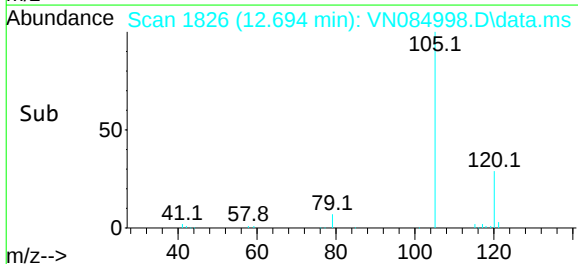
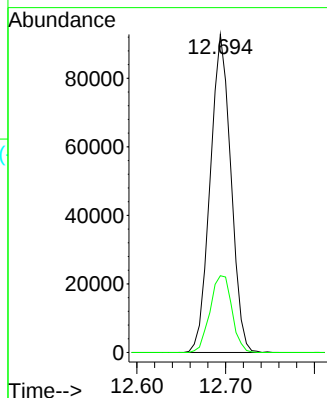
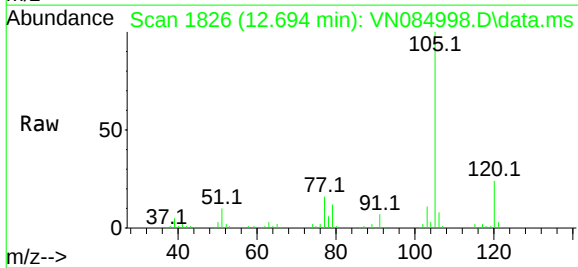
120 25.4 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#74

N-ethyl acetate

Concen: 18.676 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084998.D

Acq: 21 Nov 2024 16:45

Tgt Ion: 43 Resp: 64055

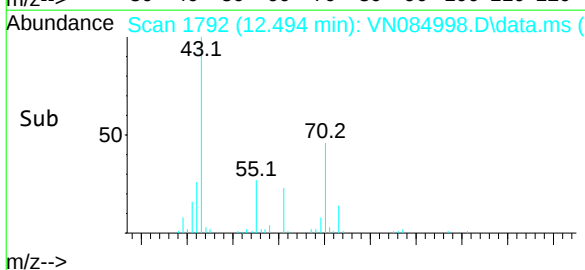
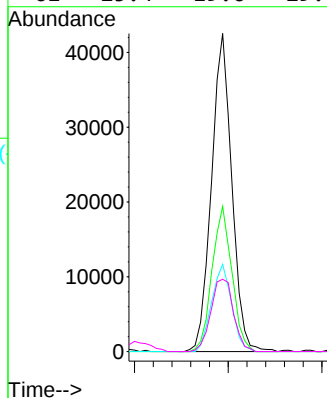
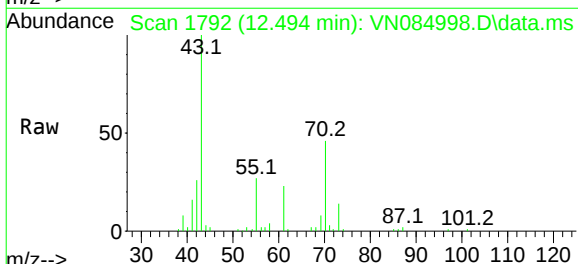
Ion Ratio Lower Upper

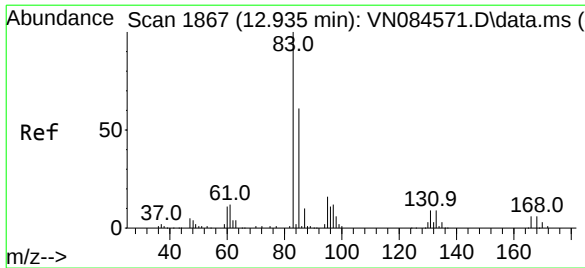
43 100

70 44.6 34.4 51.6

55 27.0 19.6 29.4

61 25.4 19.6 29.4





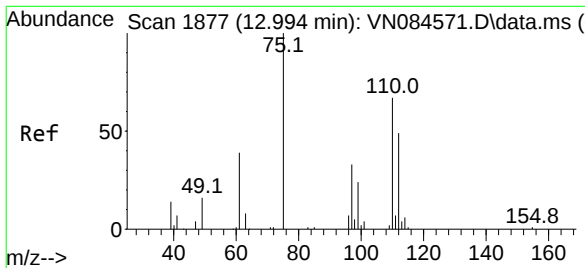
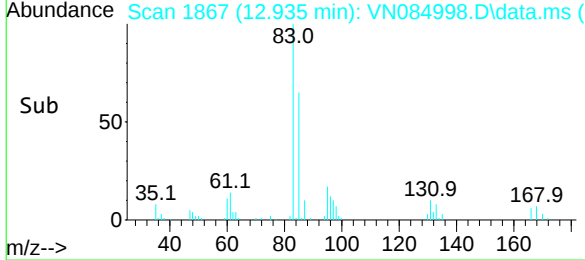
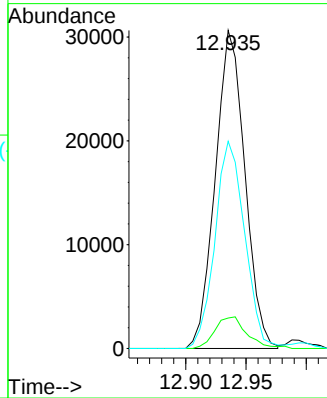
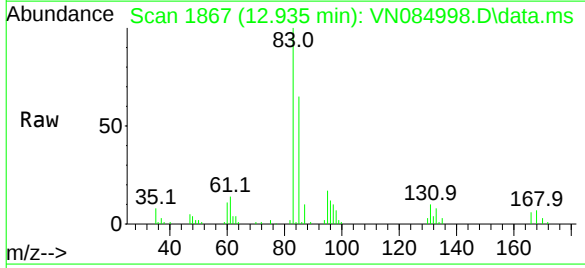
#75
1,1,2,2-Tetrachloroethane
Concen: 19.447 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tgt Ion:	83	Resp:	52309
Ion	Ratio	Lower	Upper
83	100		
131	10.8	4.9	14.7
85	65.7	31.9	95.7

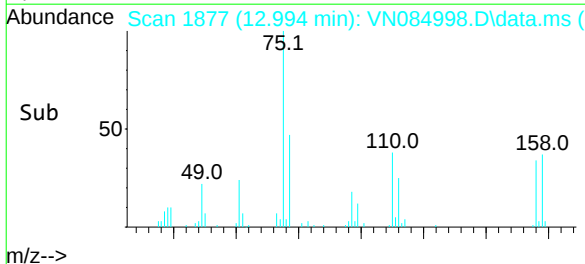
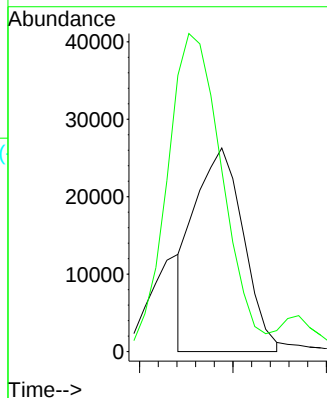
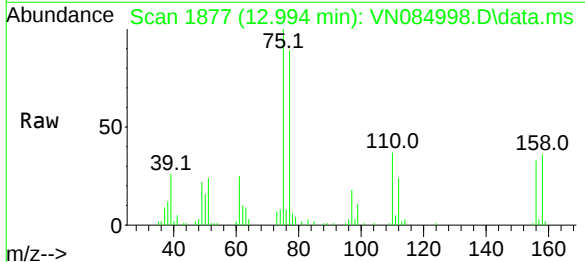
Manual Integrations
APPROVED

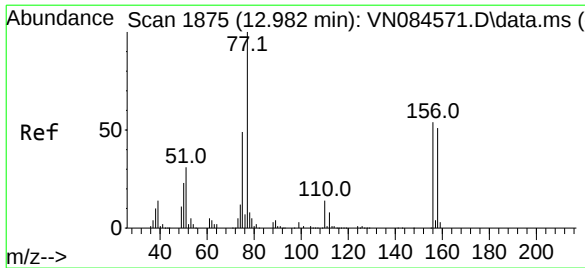
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#76
1,2,3-Trichloropropane
Concen: 20.951 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Tgt Ion:	75	Resp:	48159
Ion	Ratio	Lower	Upper
75	100		
77	176.0	96.9	290.7





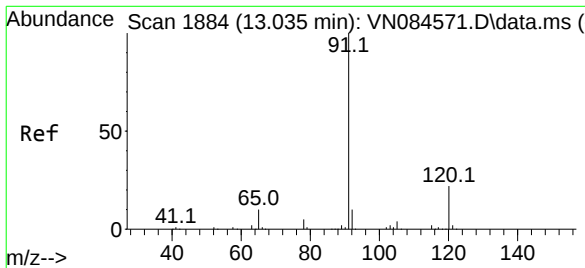
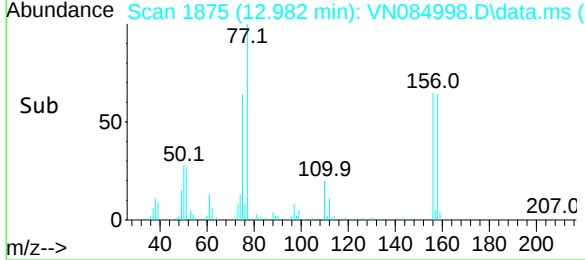
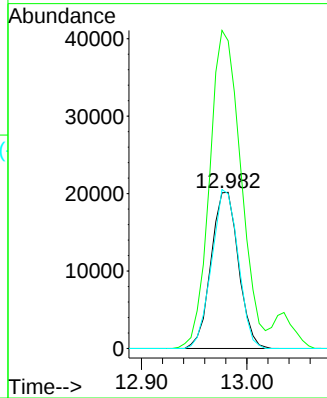
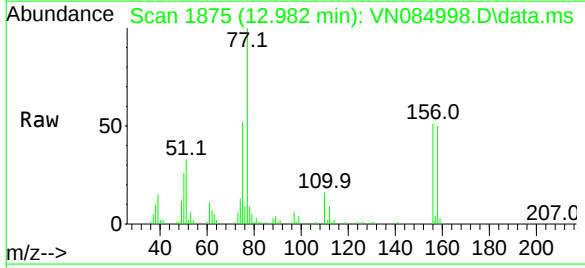
#77
Bromobenzene
Concen: 16.828 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tgt Ion	Ratio	Lower	Upper
156	100		
77	232.5	115.1	345.3
158	98.5	48.9	146.8

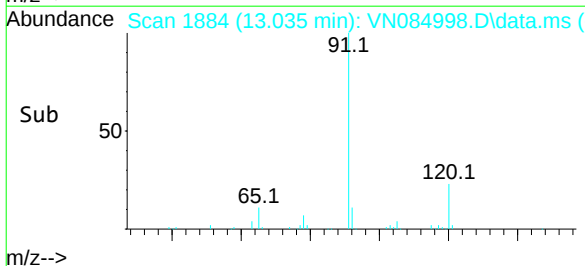
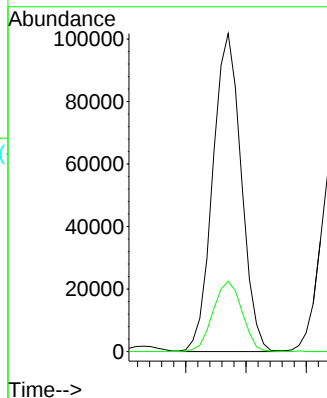
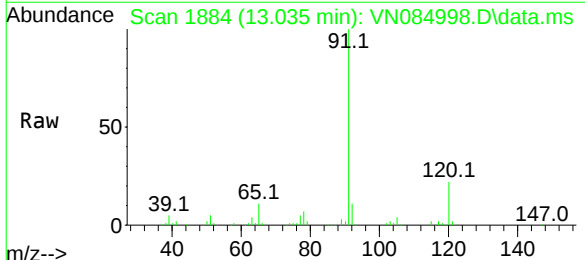
Manual Integrations
APPROVED

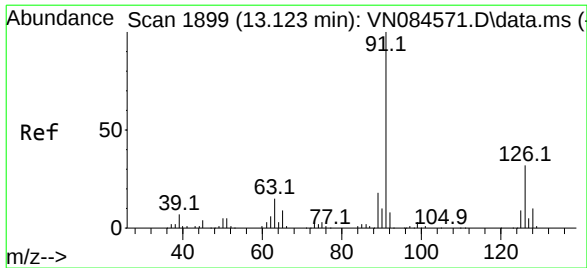
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#78
n-propylbenzene
Concen: 17.709 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	10.8	32.4





#79

2-Chlorotoluene

Concen: 17.548 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084998.D

Acq: 21 Nov 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS02

Tgt Ion: 91 Resp: 108273

Ion Ratio Lower Upper

91 100

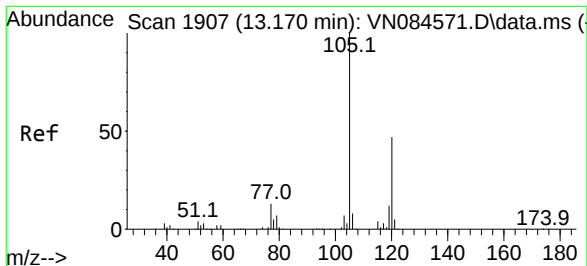
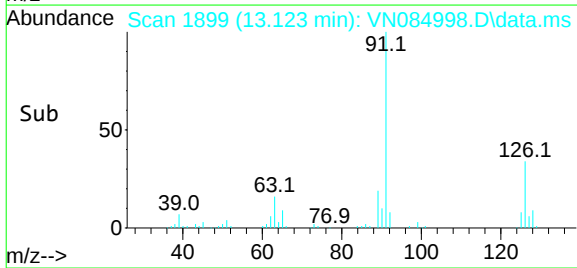
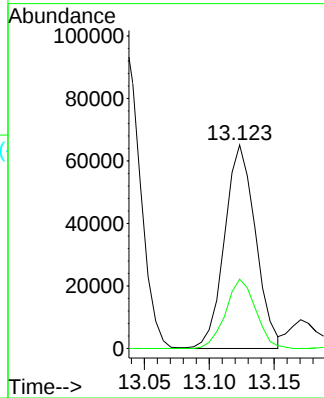
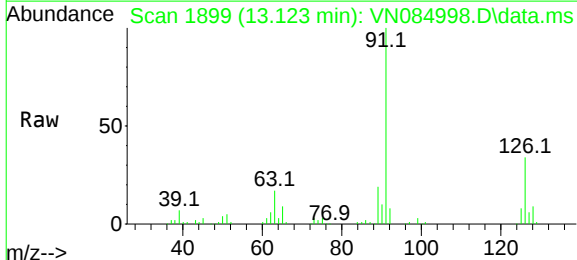
126 33.0 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#80

1,3,5-Trimethylbenzene

Concen: 18.851 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084998.D

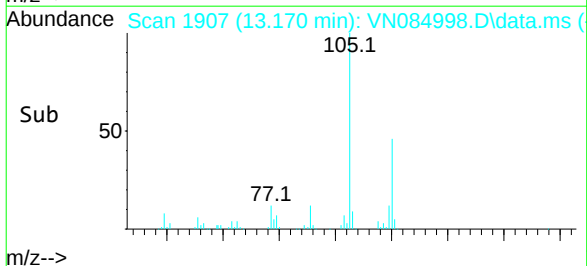
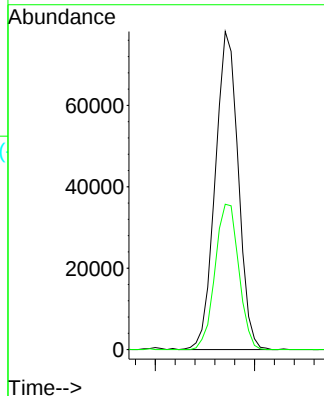
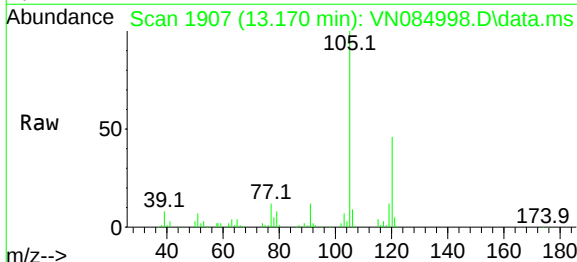
Acq: 21 Nov 2024 16:45

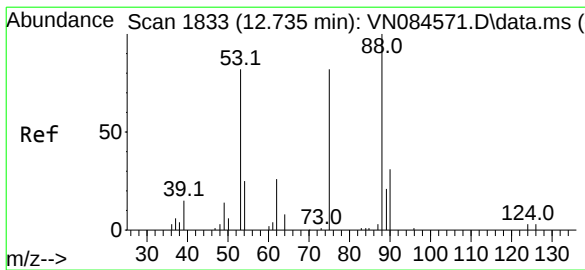
Tgt Ion:105 Resp: 125905

Ion Ratio Lower Upper

105 100

120 47.1 23.7 71.1





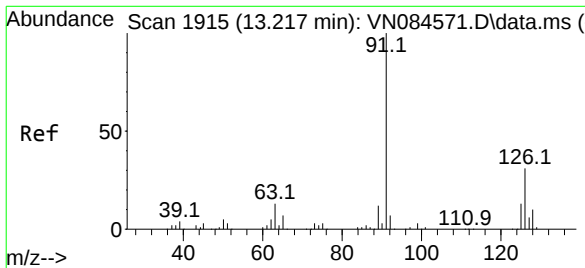
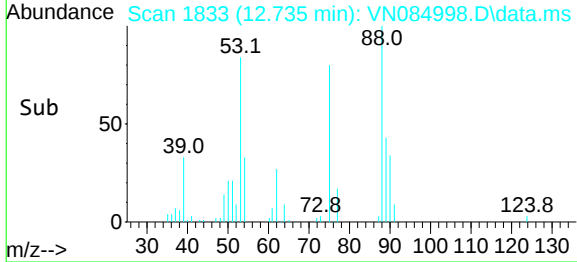
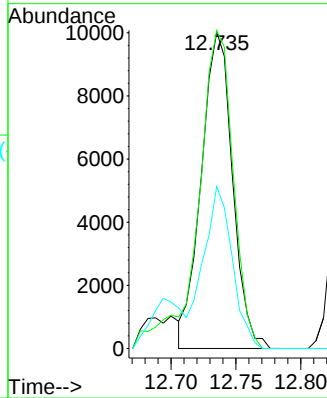
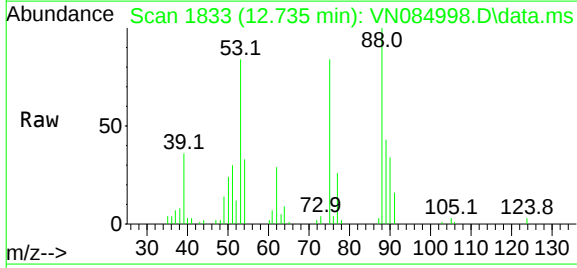
#81
trans-1,4-Dichloro-2-butene
Concen: 17.317 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tgt Ion: 75 Resp: 16778
Ion Ratio Lower Upper
75 100
53 112.6 78.0 117.0
89 47.1 35.5 53.3

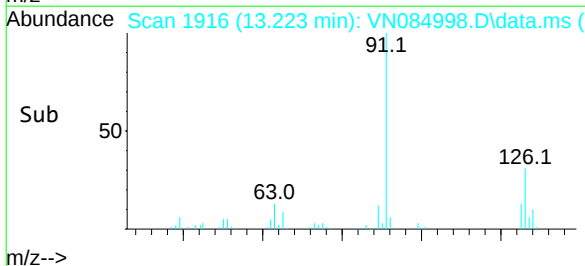
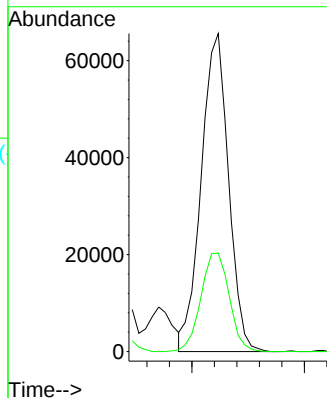
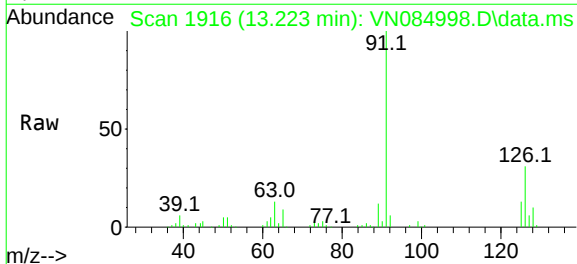
Manual Integrations
APPROVED

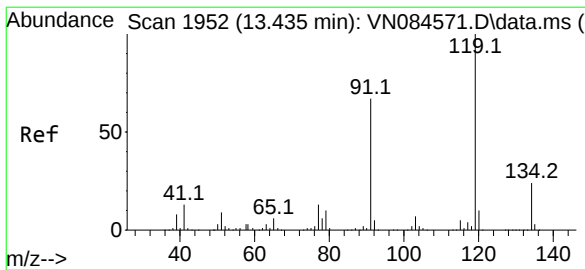
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#82
4-Chlorotoluene
Concen: 17.014 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Tgt Ion: 91 Resp: 110479
Ion Ratio Lower Upper
91 100
126 32.2 15.7 47.1





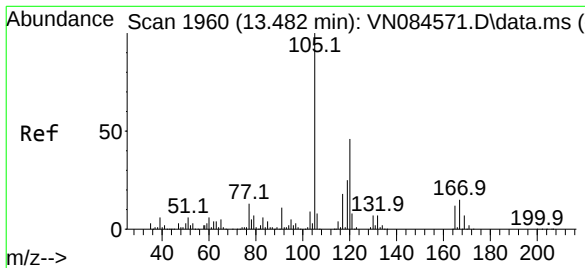
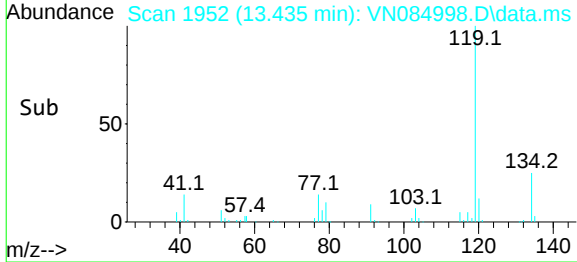
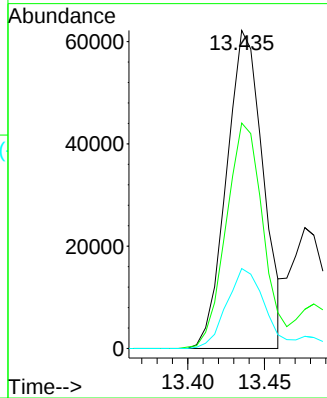
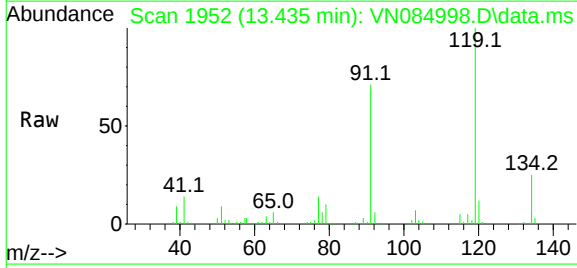
#83
tert-Butylbenzene
Concen: 18.647 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tgt Ion:119 Resp: 103072
Ion Ratio Lower Upper
119 100
91 71.8 34.1 102.3
134 26.3 12.8 38.4

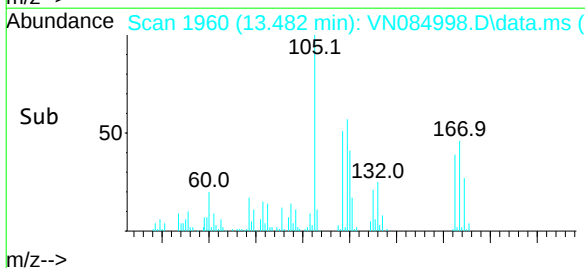
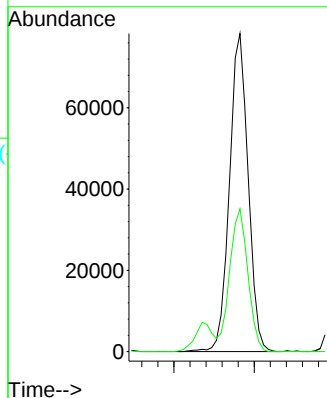
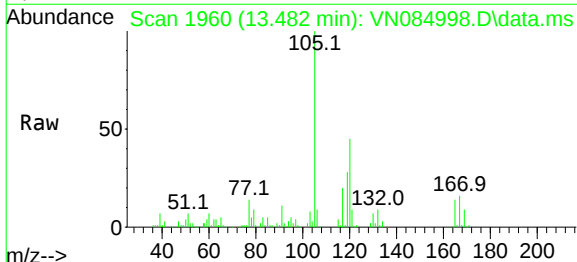
Manual Integrations
APPROVED

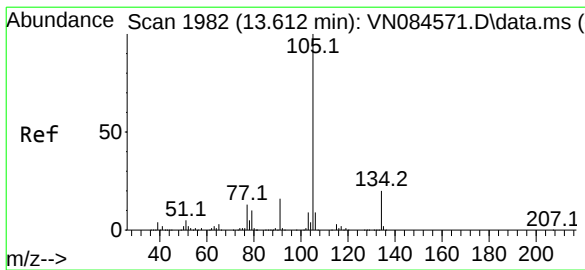
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#84
1,2,4-Trimethylbenzene
Concen: 18.288 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

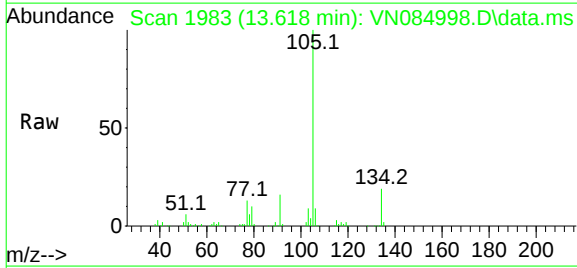
Tgt Ion:105 Resp: 126064
Ion Ratio Lower Upper
105 100
120 43.9 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 18.004 ug/l
 RT: 13.618 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN084998.D
 Acq: 21 Nov 2024 16:45

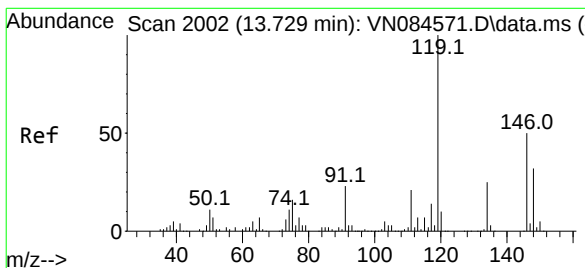
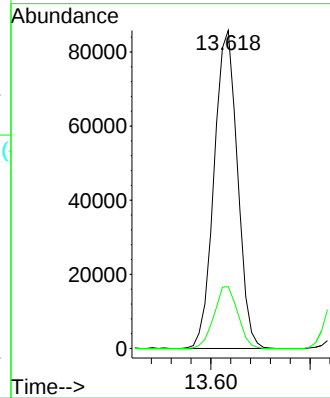
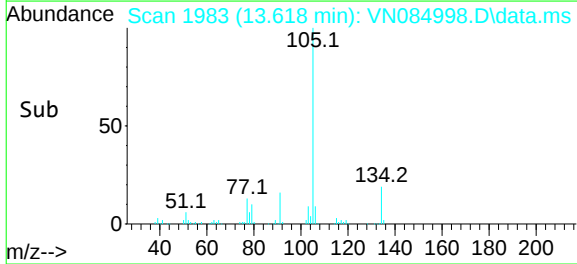
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBS02



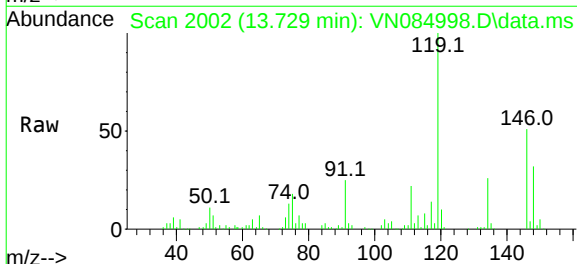
Tgt Ion:105 Resp: 140577
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

Manual Integrations
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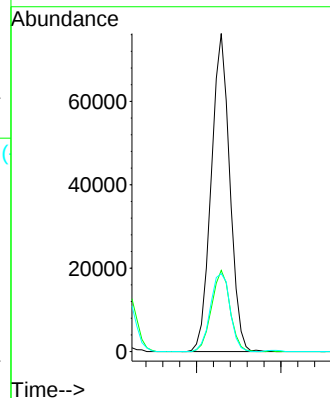
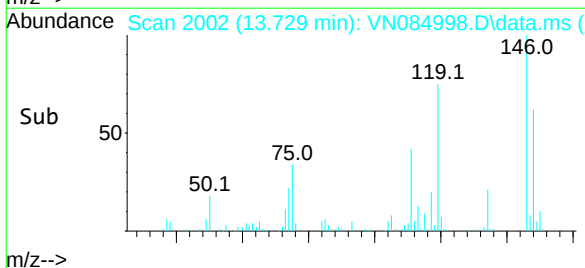
Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024

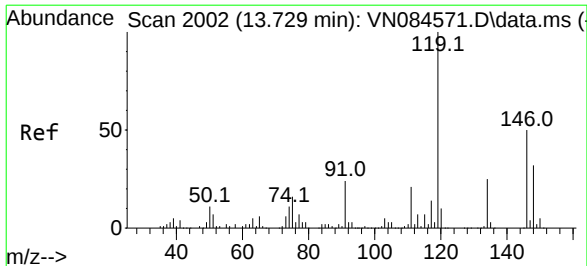


#86
 p-Isopropyltoluene
 Concen: 18.168 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084998.D
 Acq: 21 Nov 2024 16:45



Tgt Ion:119 Resp: 116339
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 26.0 12.4 37.2





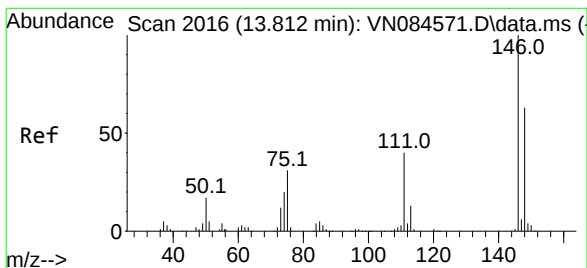
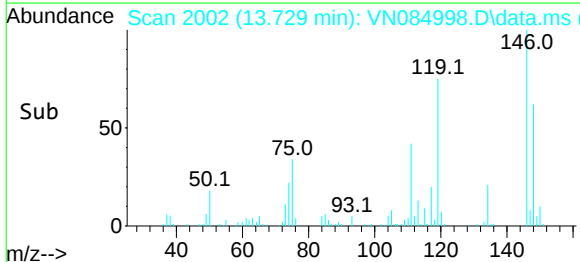
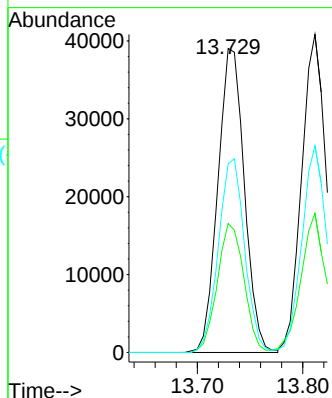
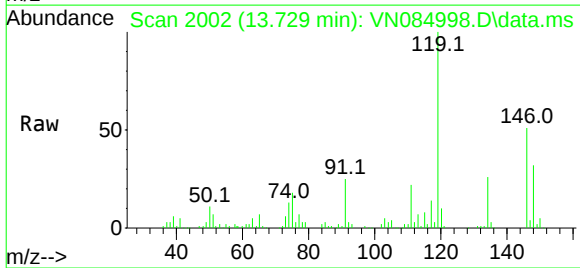
#87
1,3-Dichlorobenzene
Concen: 16.171 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tgt Ion:	146	Resp:	68366
Ion Ratio	Lower	Upper	
146	100		
111	42.6	21.8	65.3
148	63.0	31.9	95.7

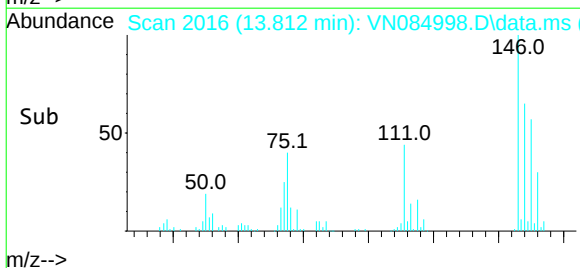
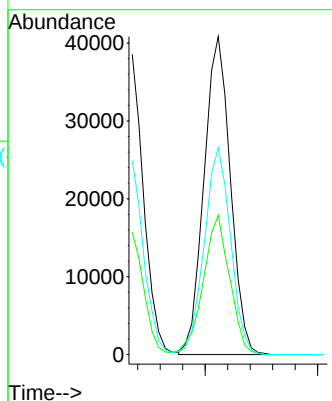
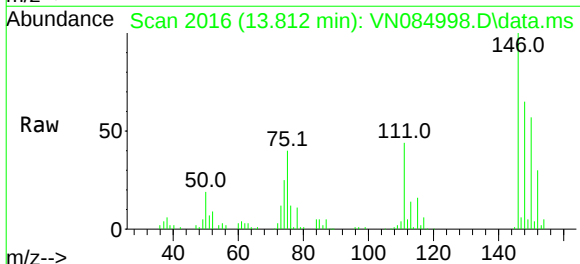
Manual Integrations
APPROVED

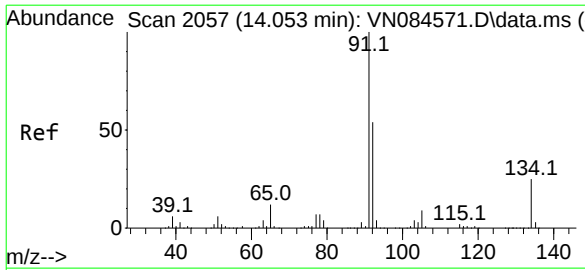
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#88
1,4-Dichlorobenzene
Concen: 16.427 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Tgt Ion:	146	Resp:	66546
Ion Ratio	Lower	Upper	
146	100		
111	43.9	21.2	63.6
148	65.0	31.9	95.9





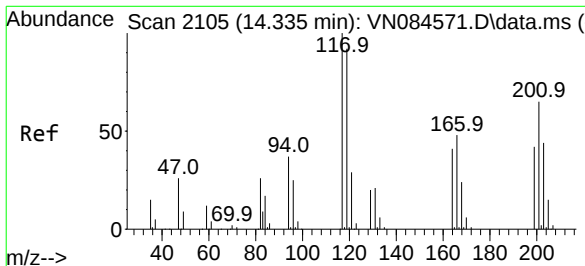
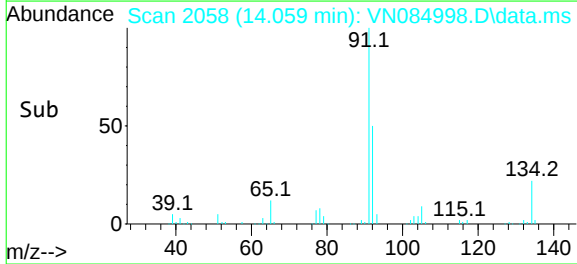
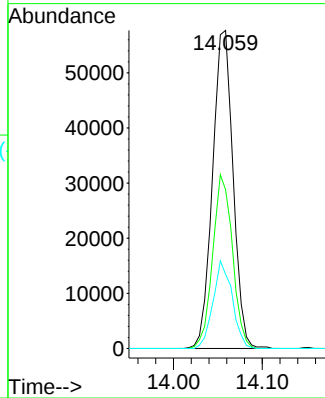
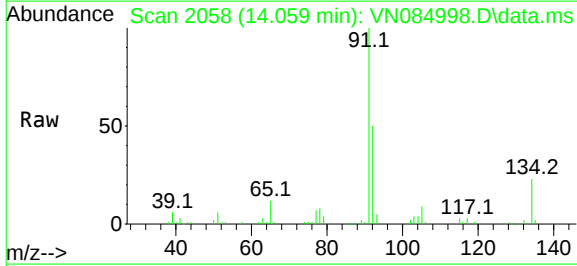
#89
n-Butylbenzene
Concen: 15.473 ug/l
RT: 14.059 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tgt Ion:	91	Resp:	92685
Ion Ratio	Lower	Upper	
91	100		
92	52.6	26.6	79.7
134	25.8	12.3	36.9

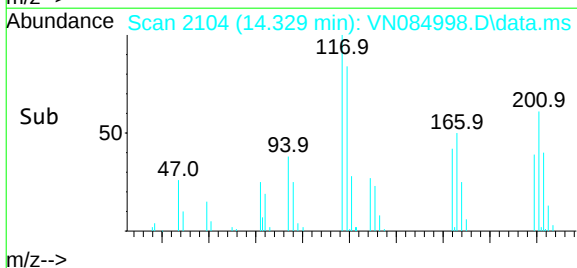
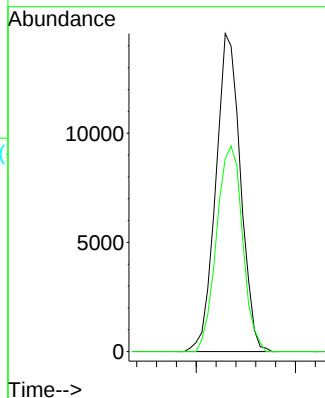
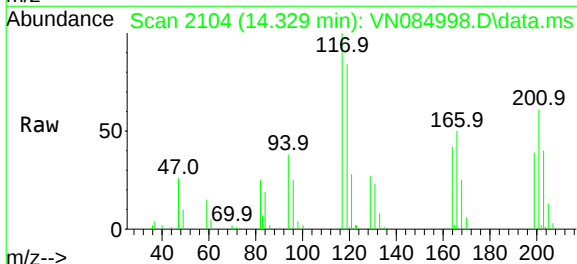
Manual Integrations
APPROVED

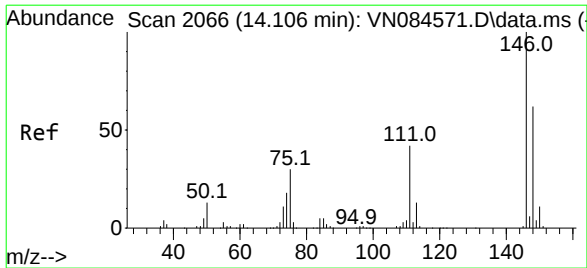
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#90
Hexachloroethane
Concen: 17.615 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Tgt Ion:	117	Resp:	25155
Ion Ratio	Lower	Upper	
117	100		
201	67.9	34.4	103.2





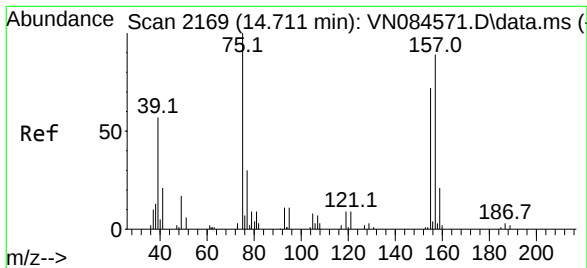
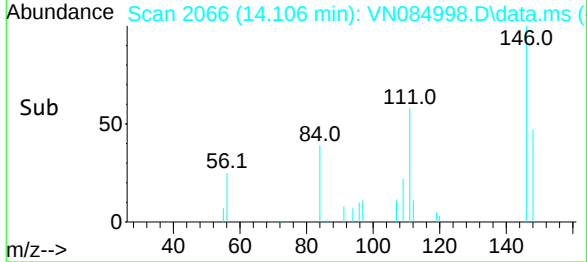
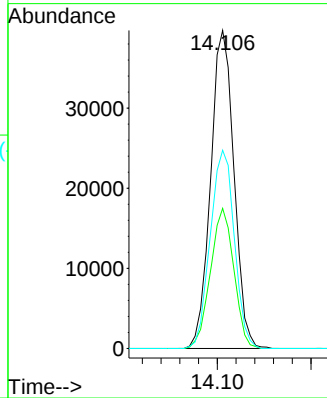
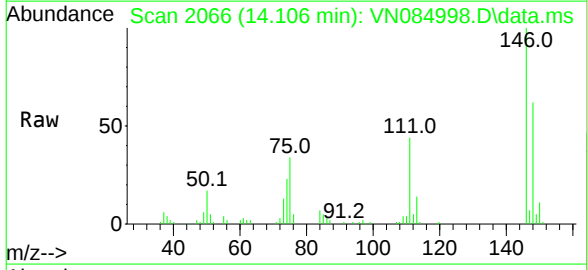
#91
1,2-Dichlorobenzene
Concen: 16.855 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBS02

Tgt Ion:	146	Resp:	68476
Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.0	66.0
148	64.5	32.1	96.3

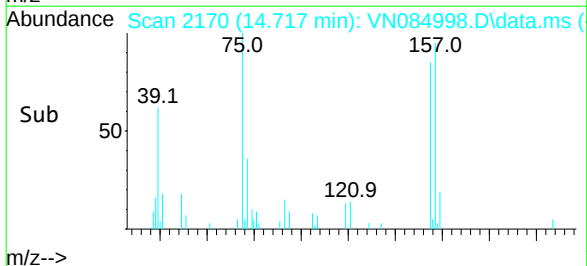
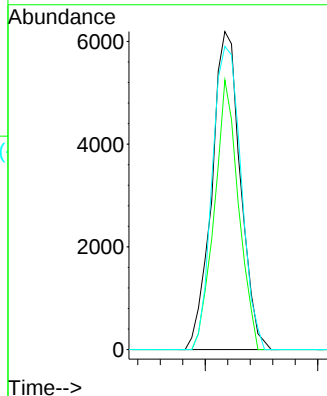
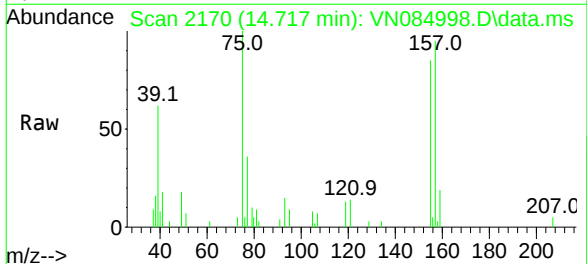
Manual Integrations
APPROVED

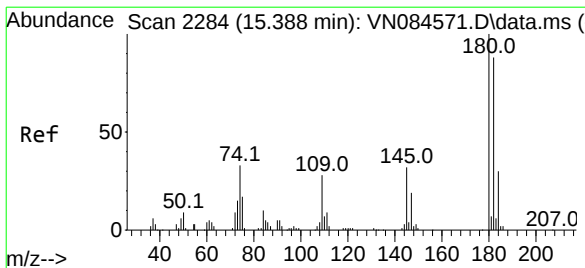
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.044 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084998.D
Acq: 21 Nov 2024 16:45

Tgt Ion:	75	Resp:	10922
Ion	Ratio	Lower	Upper
75	100		
155	71.7	38.1	114.5
157	96.1	49.6	149.0





#93

1,2,4-Trichlorobenzene

Concen: 14.645 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN084998.D

Acq: 21 Nov 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS02

Tgt Ion:180 Resp: 32566

Ion Ratio Lower Upper

180 100

182 96.2 47.0 141.0

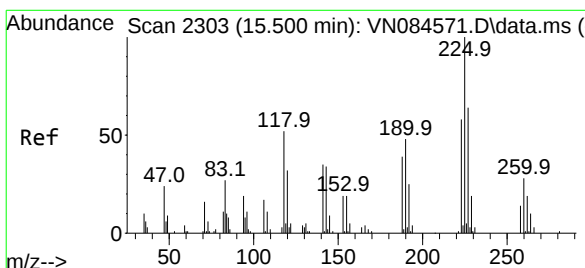
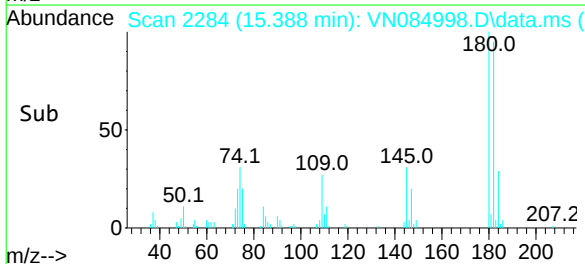
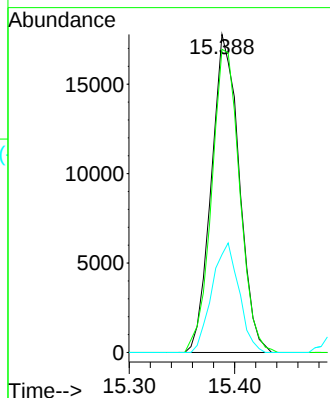
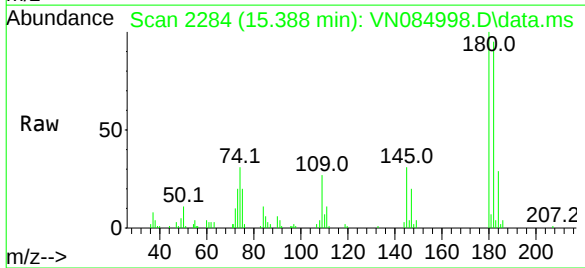
145 33.4 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#94

Hexachlorobutadiene

Concen: 16.304 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN084998.D

Acq: 21 Nov 2024 16:45

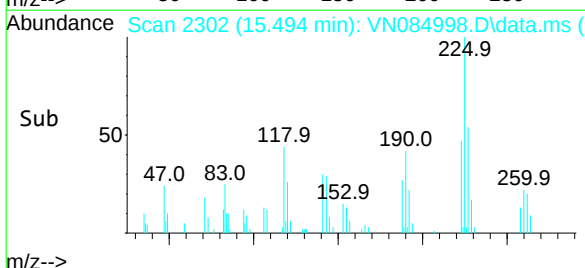
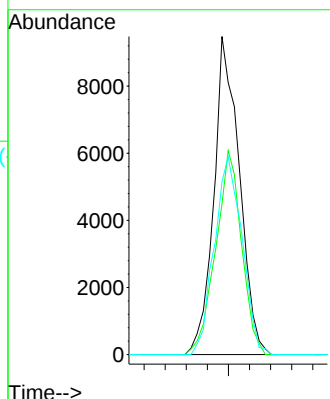
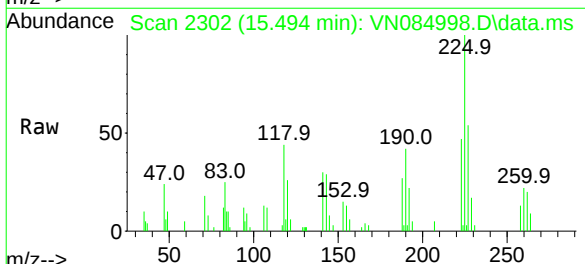
Tgt Ion:225 Resp: 15921

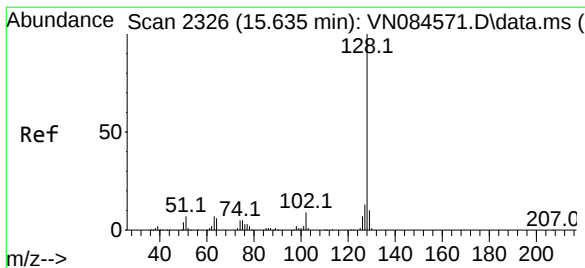
Ion Ratio Lower Upper

225 100

223 64.9 32.4 97.2

227 67.8 32.4 97.0





#95

Naphthalene

Concen: 15.547 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084998.D

Acq: 21 Nov 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBS02

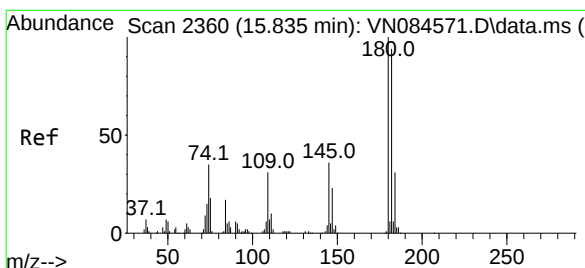
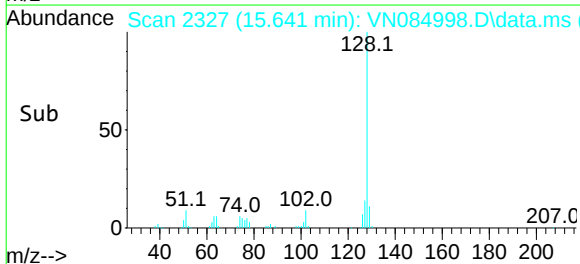
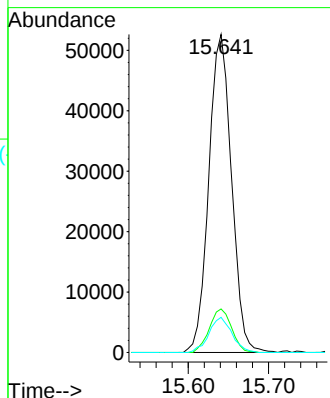
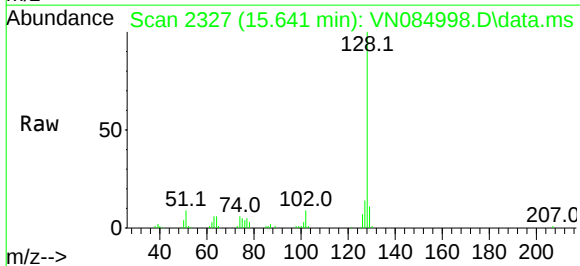
Tgt Ion:	128	Resp:	103478
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	11.2	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#96

1,2,3-Trichlorobenzene

Concen: 15.199 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084998.D

Acq: 21 Nov 2024 16:45

Tgt Ion:	180	Resp:	32807
Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.2	144.6
145	33.7	17.3	51.9

