

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083532.D
 Acq On : 28 Aug 2024 13:42
 Operator : JC\MD
 Sample : VN0828WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/29/2024
 Supervised By : Mahesh Dadoda 08/29/2024

Quant Time: Aug 28 15:36:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 28 12:23:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	29517	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	170608	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	154062	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	82641	31.150	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.833%	
60) 4-Bromofluorobenzene	12.847	95	82465	30.235	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.767%	
63) Toluene-d8	10.565	98	210559	29.604	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 98.667%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	37192	18.762	ug/l	100
3) Chloromethane	2.359	50	36425	17.870	ug/l	96
4) Vinyl Chloride	2.512	62	38887	18.168	ug/l	97
5) Bromomethane	2.900	94	19724	18.917	ug/l	95
6) Chloroethane	3.065	64	24710	17.623	ug/l	96
7) Trichlorofluoromethane	3.459	101	64499	18.233	ug/l	93
8) Diethyl Ether	3.953	74	24107	19.400	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.353	101	36196	18.519	ug/l	94
10) 1,1-Dichloroethene	4.330	96	33318	18.006	ug/l	84
11) Methyl Iodide	4.577	142	47636	18.705	ug/l	97
12) Methyl Acetate	5.030	43	64275	20.238	ug/l #	77
13) Acrolein	4.177	56	30642	100.035	ug/l	98
14) Acrylonitrile	5.718	53	96182	97.524	ug/l	97
15) Acetone	4.430	58	26191	89.754	ug/l	75
16) Carbon Disulfide	4.694	76	84050	16.858	ug/l	98
17) Allyl chloride	5.018	41	55935	16.372	ug/l	89
18) Methylene Chloride	5.265	84	38338	18.681	ug/l	92
19) trans-1,2-Dichloroethene	5.777	96	34024	17.838	ug/l	94
20) Diisopropyl ether	6.671	45	124617	18.756	ug/l	92
21) 1,1-Dichloroethane	6.565	63	70262	18.731	ug/l	95
22) cis-1,2-Dichloroethene	7.482	96	43391	18.390	ug/l	93
23) tert-Butyl Alcohol	5.541	59	42594m	102.363	ug/l	
24) Methyl tert-Butyl Ether	5.794	73	132898	19.393	ug/l	95
25) Chloroform	7.965	83	74339	18.691	ug/l	98
26) Cyclohexane	8.259	56	57509	17.635	ug/l #	90
29) 1,1-Dichloropropene	8.371	75	47995	17.932	ug/l	98
30) 2-Butanone	7.488	43	138209	100.653	ug/l	94
31) 2,2-Dichloropropane	7.488	77	63762	18.372	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	67242	18.798	ug/l	97
33) Carbon Tetrachloride	8.365	117	57871	18.580	ug/l	99
34) Benzene	8.606	78	154220	18.988	ug/l	97
35) Methacrylonitrile	7.777	41	32284	20.320	ug/l	97
36) 1,2-Dichloroethane	8.671	62	61157	20.195	ug/l #	94
37) Trichloroethene	9.347	130	35483	18.435	ug/l	95
38) Methylcyclohexane	9.600	83	60619	18.468	ug/l	97
39) 1,2-Dichloropropane	9.618	63	38106	19.297	ug/l	100
40) Dibromomethane	9.712	93	27383	19.318	ug/l	95
41) Bromodichloromethane	9.888	83	59546	19.437	ug/l	94
42) Vinyl Acetate	6.600	43	666390	98.892	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	56767	21.525	ug/l	97
44) Isopropyl Acetate	8.688	43	119124	19.119	ug/l #	81
45) 1,4-Dioxane	9.700	88	17116	423.625	ug/l	96
46) Methyl methacrylate	9.682	41	46649	20.262	ug/l	84
47) n-amyl Acetate	12.494	43	83477	19.468	ug/l	90
48) t-1,3-Dichloropropene	10.835	75	61016	18.781	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	63670	18.800	ug/l #	87
50) 1,1,2-Trichloroethane	11.018	97	37389	19.681	ug/l	94
51) Ethyl methacrylate	10.876	69	63815	19.261	ug/l	72
52) 1,3-Dichloropropane	11.165	76	66404	20.018	ug/l	99
53) Dibromochloromethane	11.359	129	42716	19.193	ug/l	99
54) 1,2-Dibromoethane	11.470	107	37789	19.415	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	140846	99.858	ug/l	98
56) Bromoform	12.582	173	28094	19.334	ug/l #	97
58) 4-Methyl-2-Pentanone	10.447	43	278708	102.002	ug/l #	90
59) 2-Hexanone	11.194	43	212094	101.216	ug/l	90
61) Tetrachloroethene	11.106	164	30042	18.361	ug/l	97
62) Toluene	10.629	91	165090	18.525	ug/l	100
64) Chlorobenzene	11.888	112	103611	18.767	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	35751	18.194	ug/l	94
66) Ethyl Benzene	11.965	91	183799	18.282	ug/l	97
67) m/p-Xylenes	12.070	106	138503	37.170	ug/l	98
68) o-Xylene	12.400	106	69875	19.096	ug/l	99
69) Styrene	12.412	104	113914	18.285	ug/l	98
70) Isopropylbenzene	12.694	105	177059	18.319	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	56369	19.966	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	50472m	20.704	ug/l	
73) Bromobenzene	12.982	156	40613	18.565	ug/l	91
74) n-propylbenzene	13.035	91	203307	18.155	ug/l	99
75) 2-Chlorotoluene	13.123	91	132143	18.437	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	150232	18.619	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	20131	19.029	ug/l	98
78) 4-Chlorotoluene	13.223	91	128210	18.020	ug/l	99
79) tert-butylbenzene	13.441	119	135304	18.724	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	151199	18.382	ug/l	98
81) sec-Butylbenzene	13.617	105	178140	18.312	ug/l	99
82) p-Isopropyltoluene	13.729	119	147607	17.922	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	76562	17.917	ug/l	99
84) 1,4-Dichlorobenzene	13.811	146	75727	17.644	ug/l	99
85) n-Butylbenzene	14.059	91	123881	16.972	ug/l	98
86) Hexachloroethane	14.335	117	29109	18.046	ug/l	87
87) 1,2-Dichlorobenzene	14.106	146	76958	18.295	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	13658	21.158	ug/l	87
89) 1,2,4-Trichlorobenzene	15.835	180	39661	17.198	ug/l	99
90) Hexachlorobutadiene	15.506	225	17496	17.856	ug/l	96
91) Naphthalene	15.641	128	140526	17.629	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	39661	17.198	ug/l	99

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

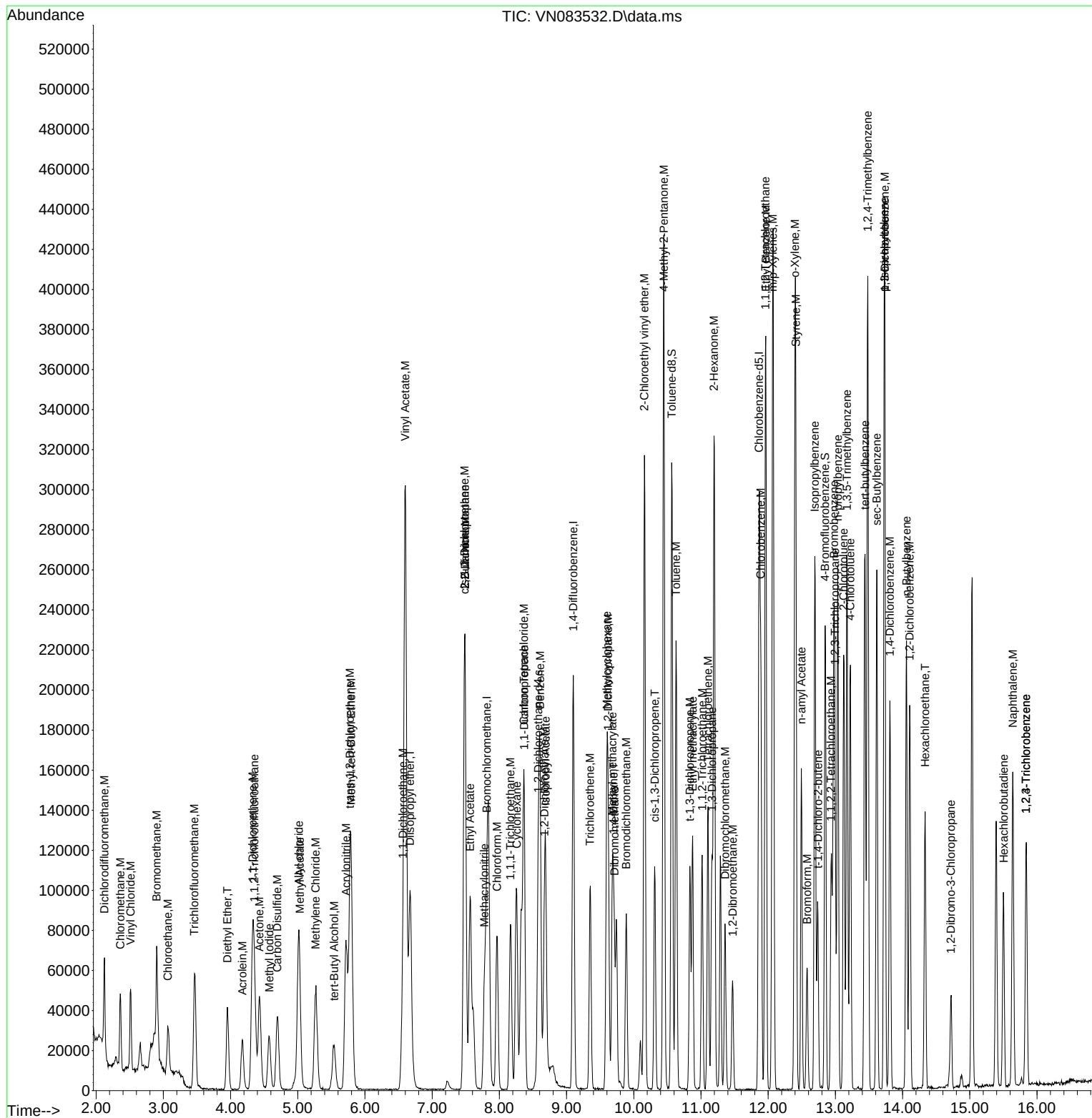
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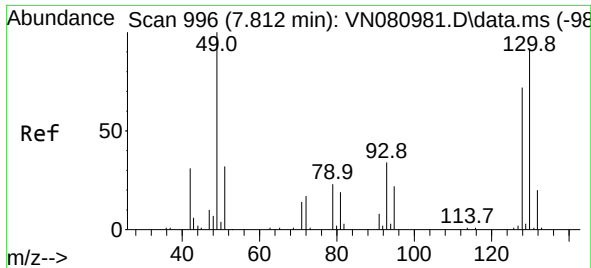
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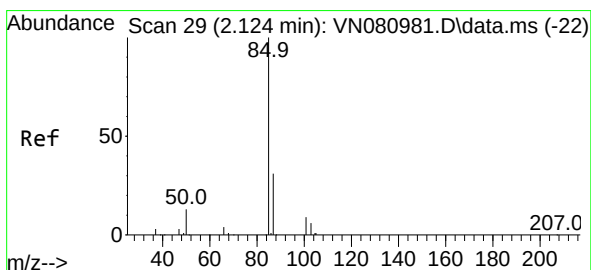
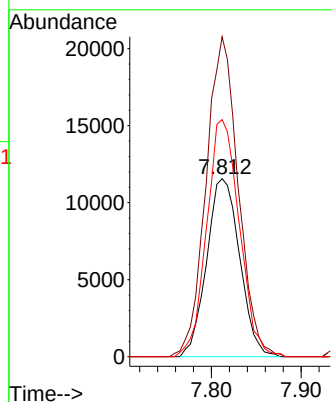
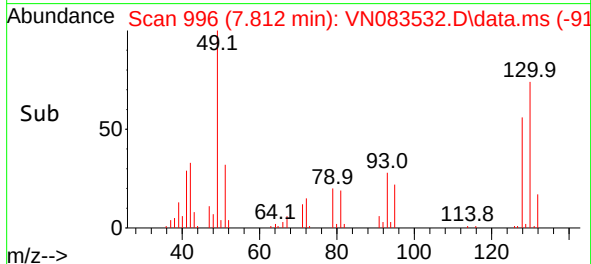
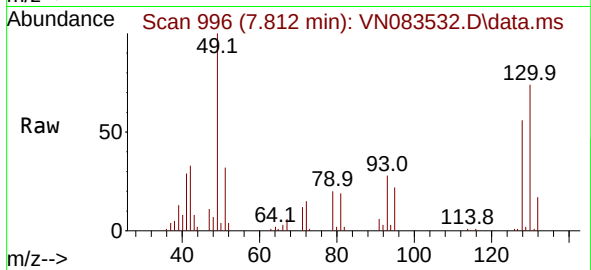
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

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ClientSampleId :
VN0828WBSD01

Tgt Ion:128 Resp: 2951
Ion Ratio Lower Upper
128 100
49 175.3 0.0 403.7
130 132.3 0.0 323.3

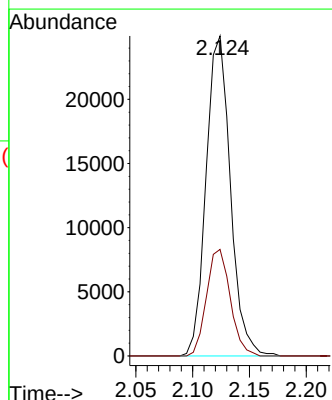
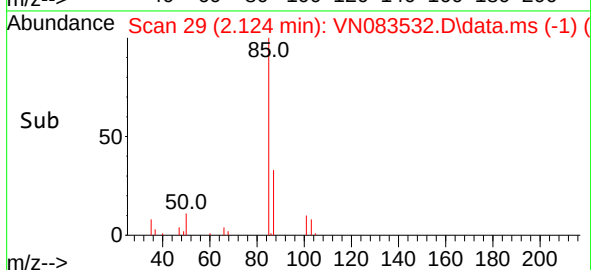
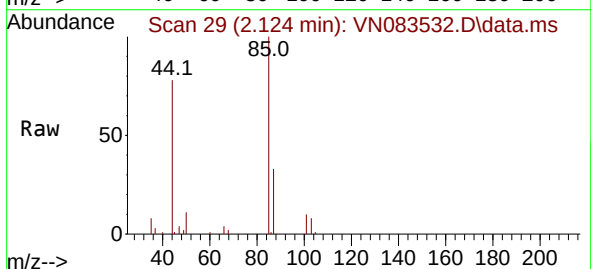
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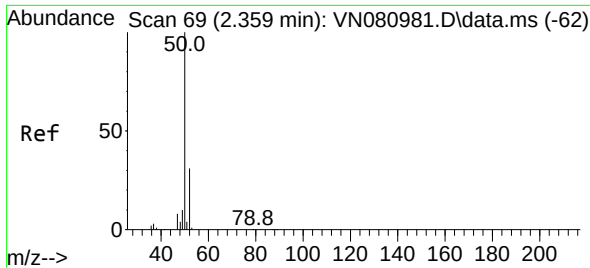
Reviewed By :John Carlone 08/29/2024
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#2
Dichlorodifluoromethane
Concen: 18.762 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

Tgt Ion: 85 Resp: 37192
Ion Ratio Lower Upper
85 100
87 33.3 16.8 50.3





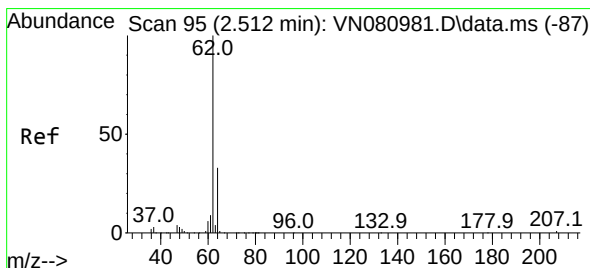
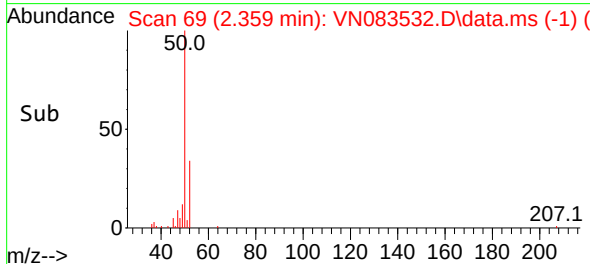
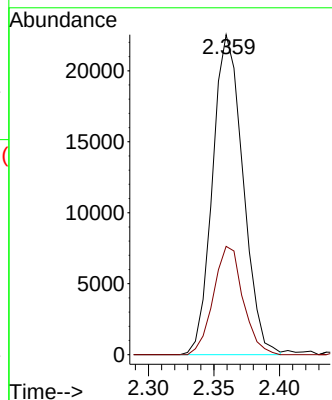
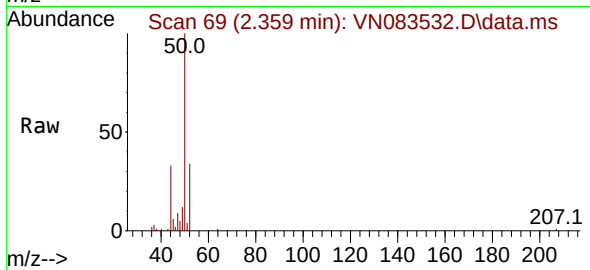
#3
Chloromethane
Concen: 17.870 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

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Tgt Ion: 50 Resp: 36425
Ion Ratio Lower Upper
50 100
52 33.8 25.4 38.0

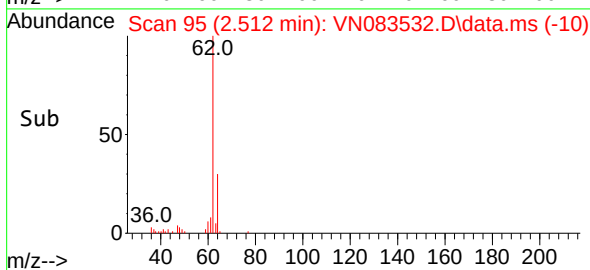
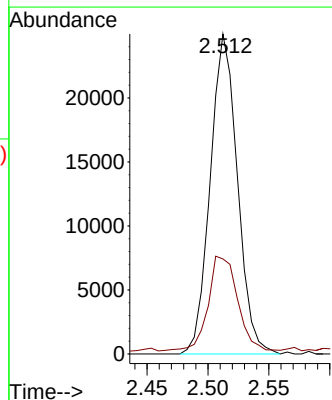
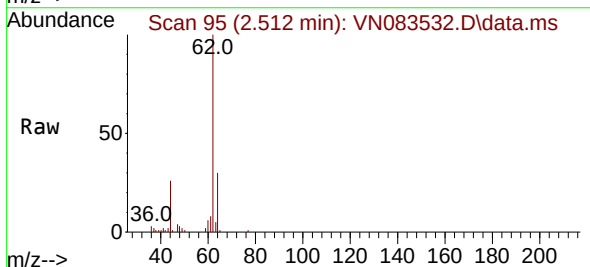
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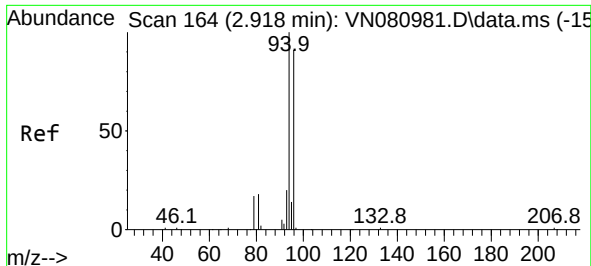
Reviewed By :John Carlone 08/29/2024
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#4
Vinyl Chloride
Concen: 18.168 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

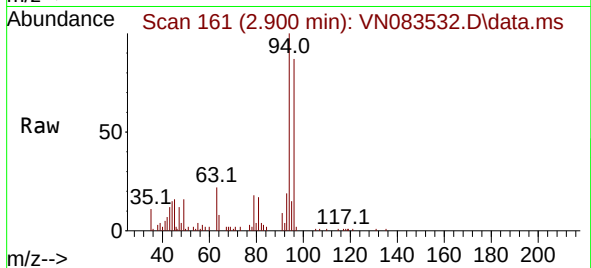
Tgt Ion: 62 Resp: 38887
Ion Ratio Lower Upper
62 100
64 28.5 24.1 36.1





#5
Bromomethane
Concen: 18.917 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

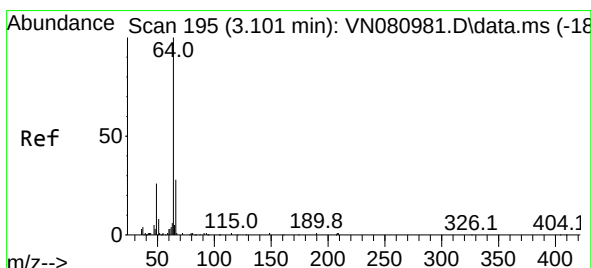
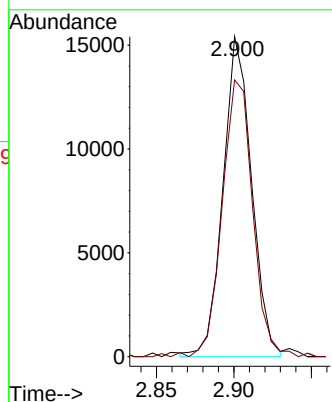
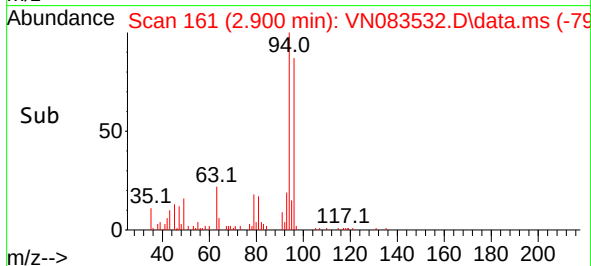
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Tgt Ion: 94 Resp: 19724
Ion Ratio Lower Upper
94 100
96 86.2 72.8 109.2

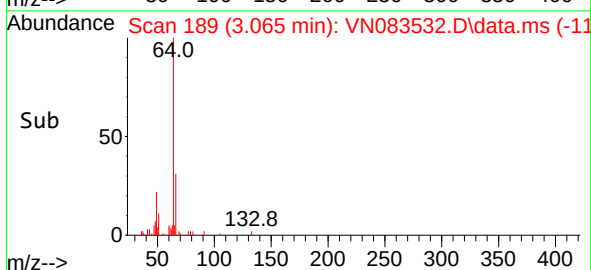
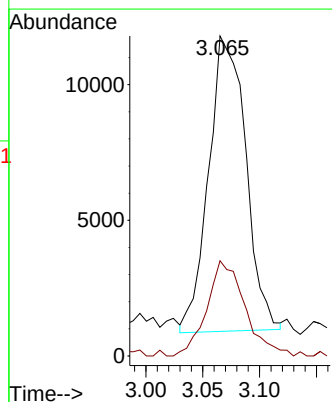
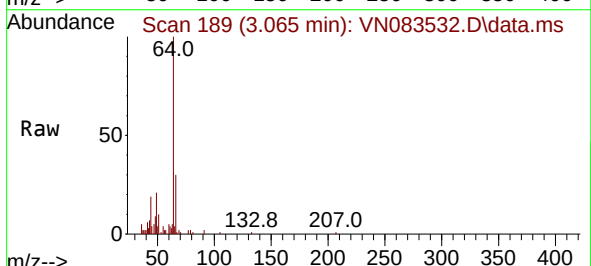
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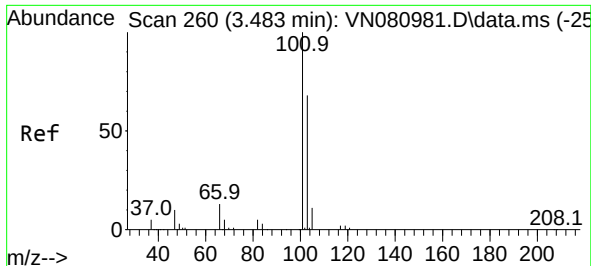
Reviewed By :John Carlone 08/29/2024
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#6
Chloroethane
Concen: 17.623 ug/l
RT: 3.065 min Scan# 189
Delta R.T. -0.035 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

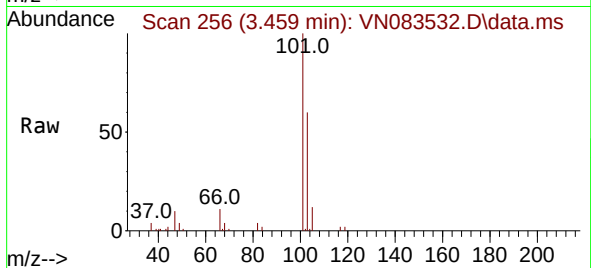
Tgt Ion: 64 Resp: 24710
Ion Ratio Lower Upper
64 100
66 31.4 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 18.233 ug/l
 RT: 3.459 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: VN083532.D
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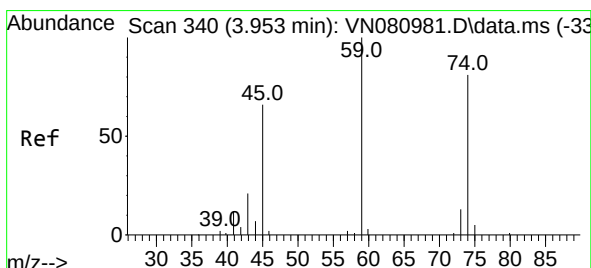
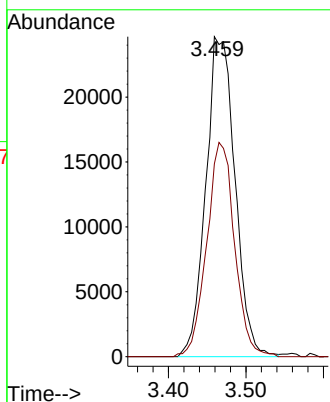
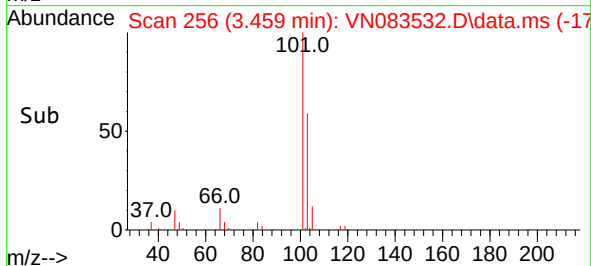
Instrument :
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Tgt Ion:101 Resp: 6449
 Ion Ratio Lower Upper
 101 100
 103 60.2 53.0 79.4

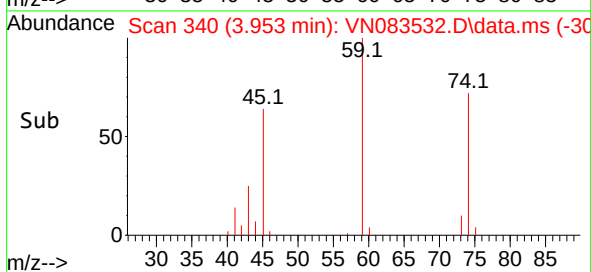
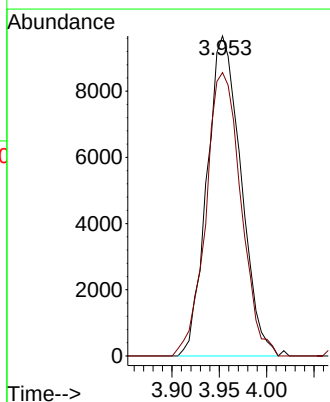
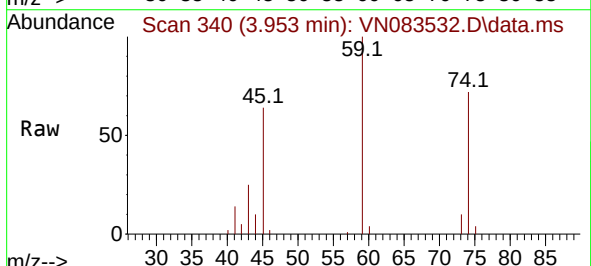
Manual Integrations
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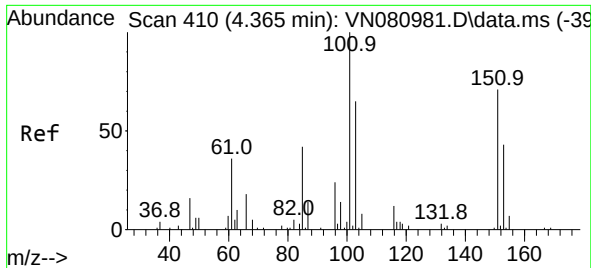
Reviewed By :John Carlone 08/29/2024
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#8
 Diethyl Ether
 Concen: 19.400 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 24107
 Ion Ratio Lower Upper
 74 100
 45 91.3 16.4 147.4





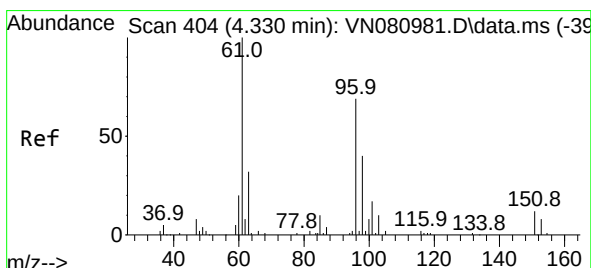
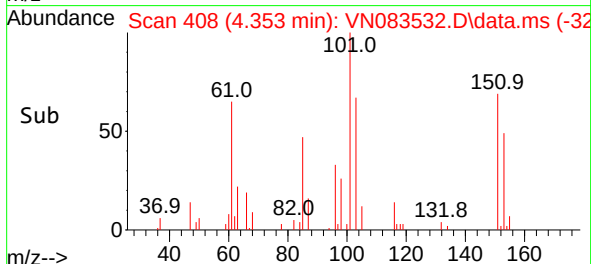
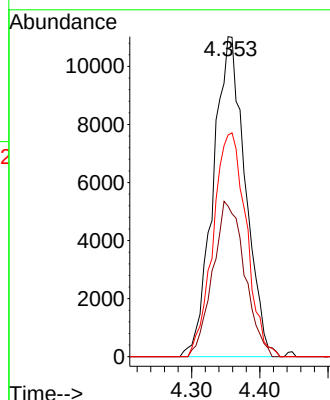
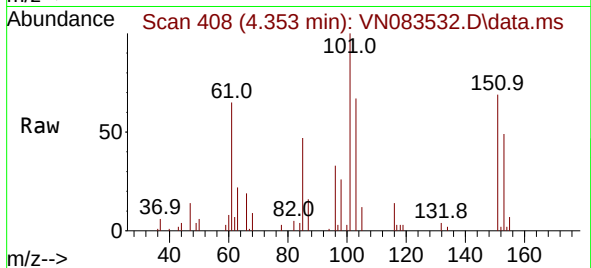
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1,1,2-Trichlorotrifluoroethane
Concen: 18.519 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.012 min
Lab File: VN083532.D
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Tgt Ion:101 Resp: 36190
Ion Ratio Lower Upper
101 100
85 48.1 0.0 90.6
151 72.0 0.0 157.6

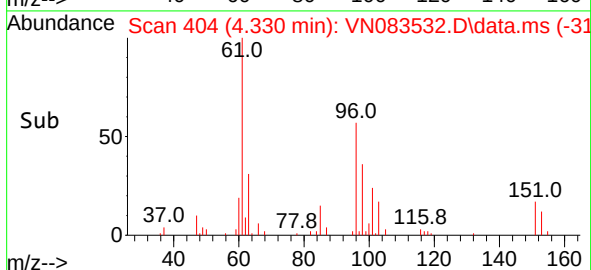
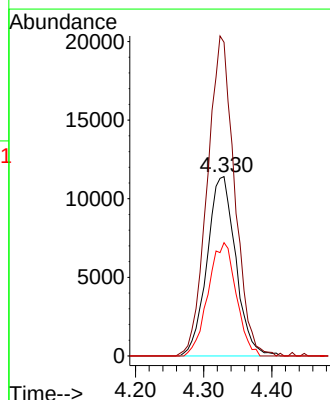
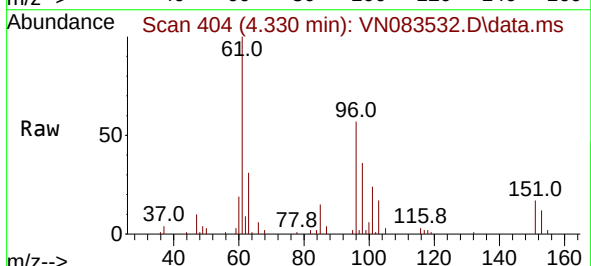
Manual Integrations
APPROVED

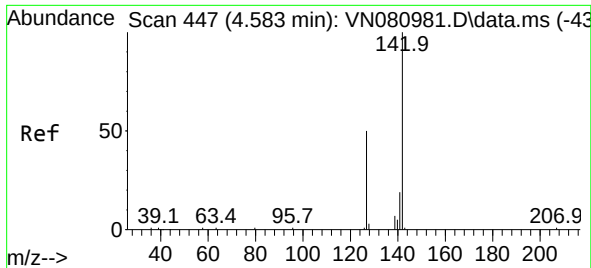
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#10
1,1-Dichloroethene
Concen: 18.006 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

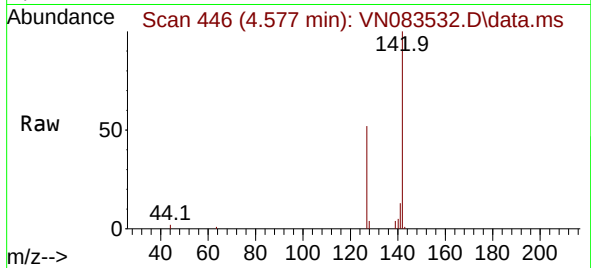
Tgt Ion: 96 Resp: 33318
Ion Ratio Lower Upper
96 100
61 173.4 117.6 176.4
98 63.1 48.4 72.6





#11
Methyl Iodide
Concen: 18.705 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

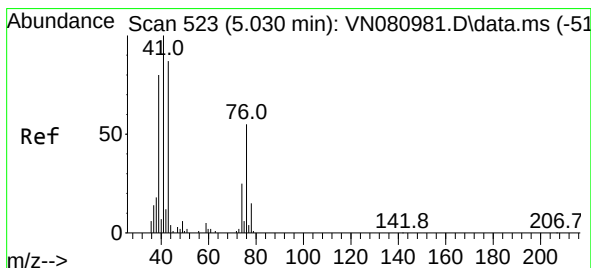
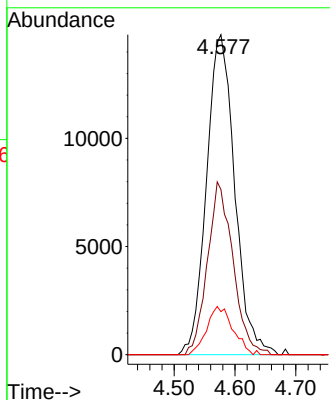
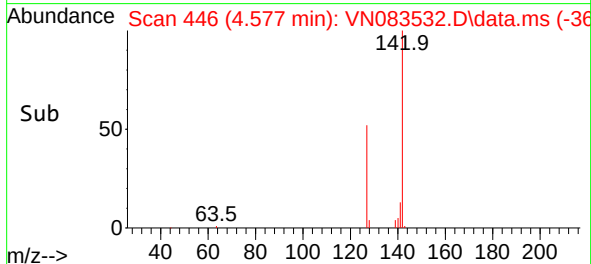
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



Tgt Ion:142 Resp: 47630
Ion Ratio Lower Upper
142 100
127 51.6 26.3 78.9
141 13.5 8.3 24.9

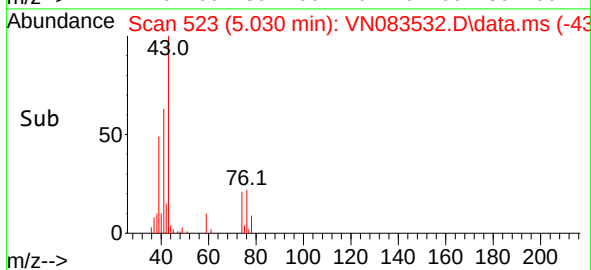
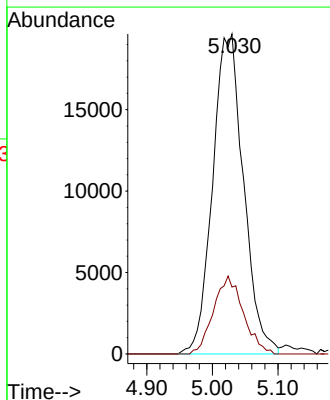
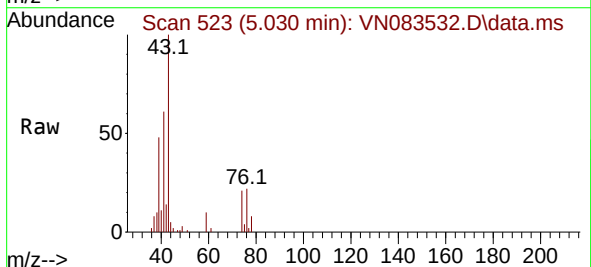
Manual Integrations
APPROVED

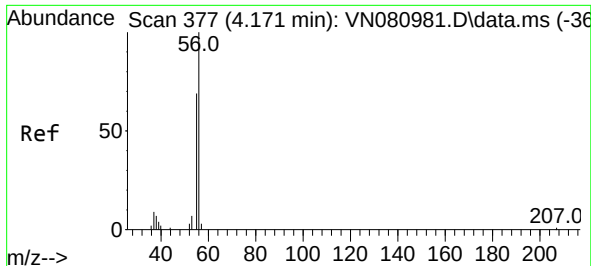
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#12
Methyl Acetate
Concen: 20.238 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

Tgt Ion: 43 Resp: 64275
Ion Ratio Lower Upper
43 100
74 21.1 27.7 41.5#





#13

Acrolein

Concen: 100.035 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN083532.D

Acq: 28 Aug 2024 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD01

Tgt Ion: 56 Resp: 3064

Ion Ratio Lower Upper

56 100

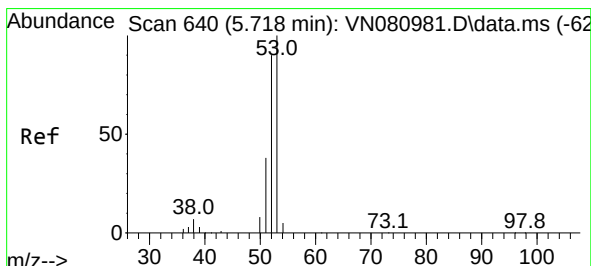
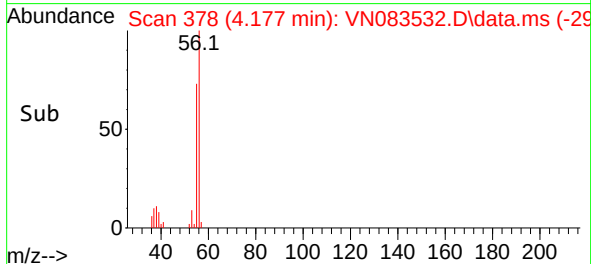
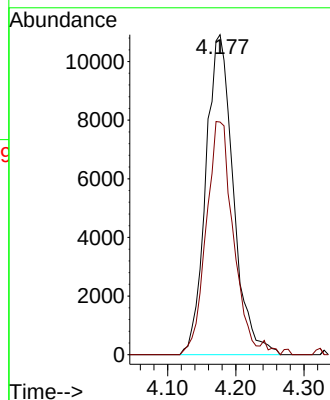
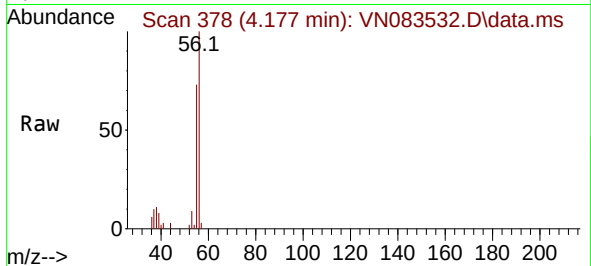
55 71.3 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#14

Acrylonitrile

Concen: 97.524 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.000 min

Lab File: VN083532.D

Acq: 28 Aug 2024 13:42

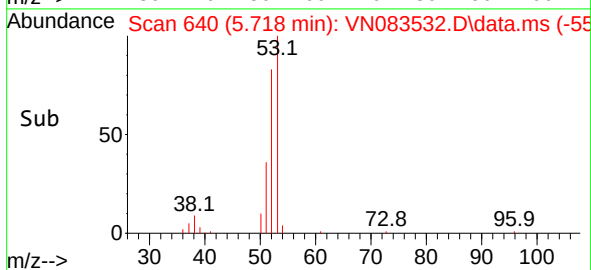
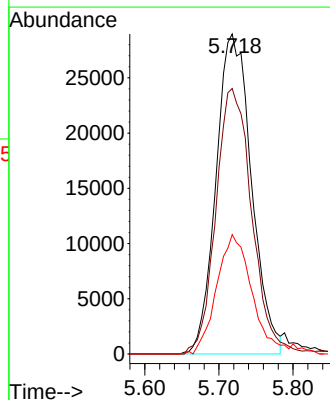
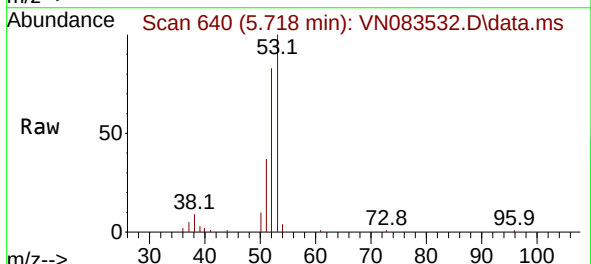
Tgt Ion: 53 Resp: 96182

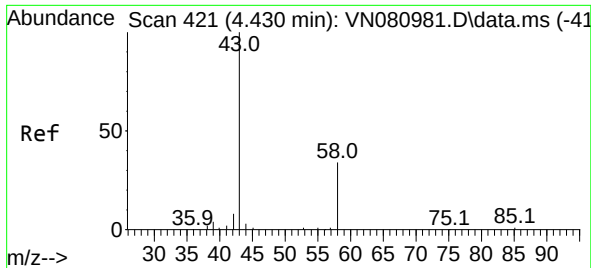
Ion Ratio Lower Upper

53 100

52 83.7 41.3 123.9

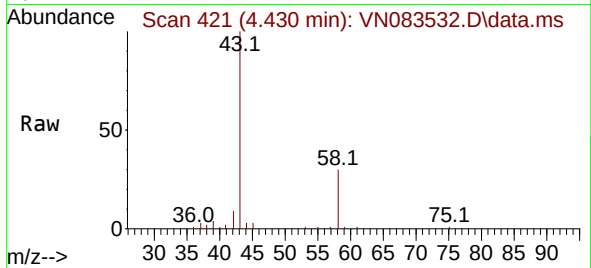
51 36.8 16.8 50.3





#15
Acetone
Concen: 89.754 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

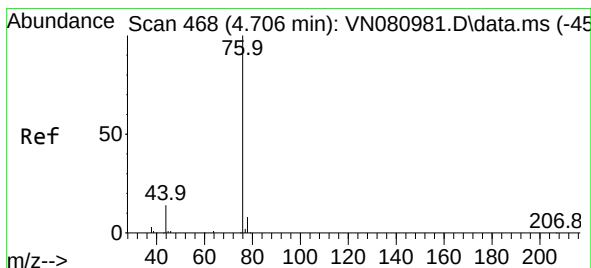
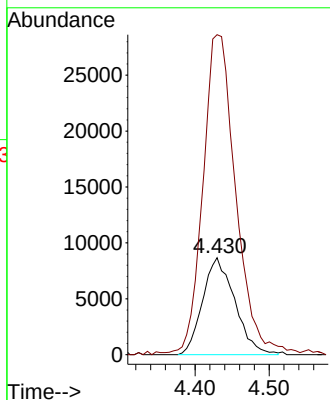
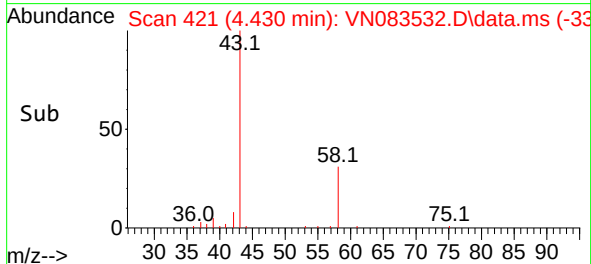
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



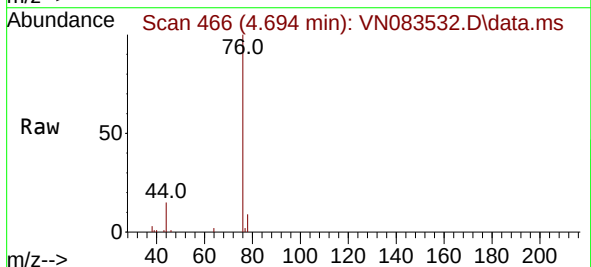
Tgt Ion: 58 Resp: 2619
Ion Ratio Lower Upper
58 100
43 325.1 223.1 334.7

Manual Integrations
APPROVED

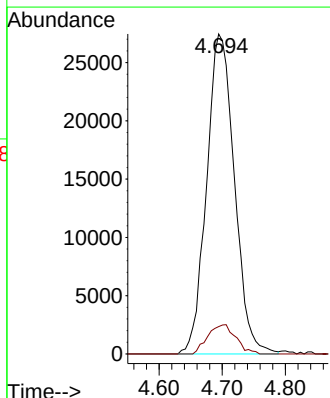
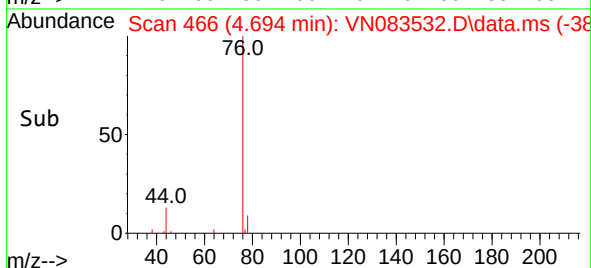
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

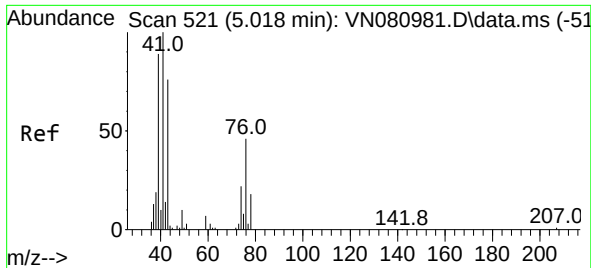


#16
Carbon Disulfide
Concen: 16.858 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.012 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42



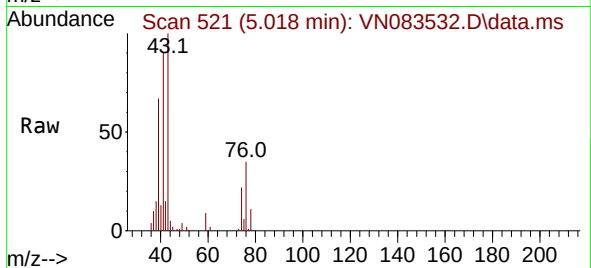
Tgt Ion: 76 Resp: 84050
Ion Ratio Lower Upper
76 100
78 8.5 6.3 9.5





#17
 Allyl chloride
 Concen: 16.372 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN083532.D
 Acq: 28 Aug 2024 13:42

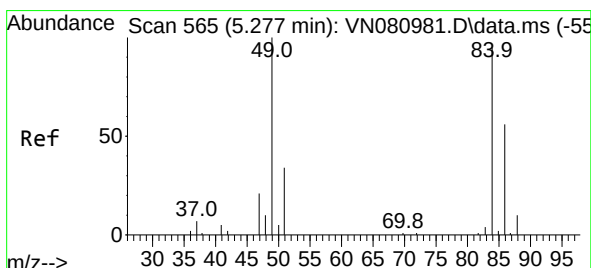
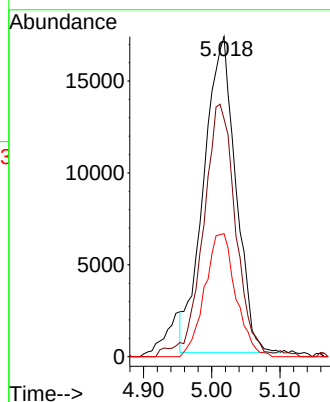
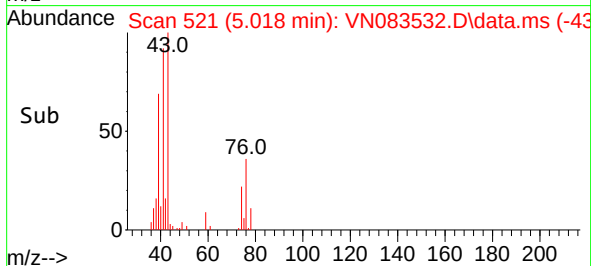
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD01



Tgt Ion:	41	Resp:	5593
Ion Ratio	100	Lower	Upper
39	73.4	37.6	112.9
76	39.0	27.8	83.4

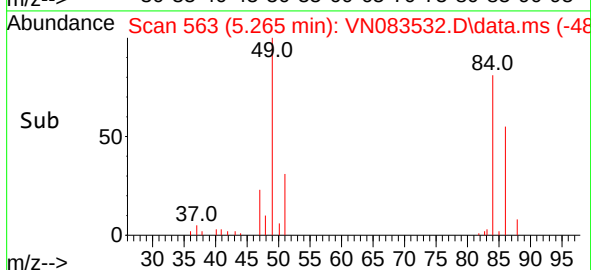
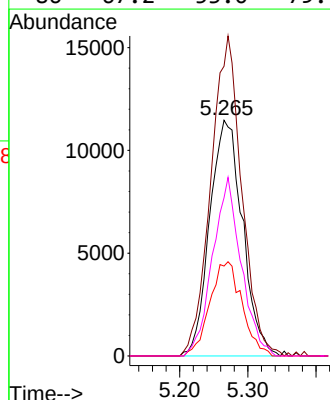
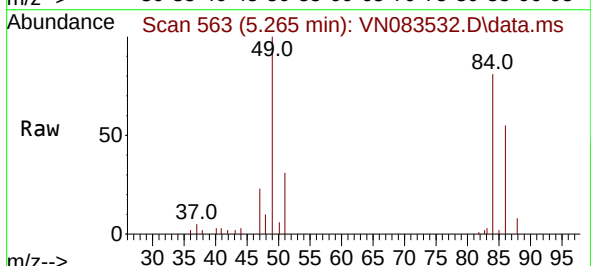
Manual Integrations
 APPROVED

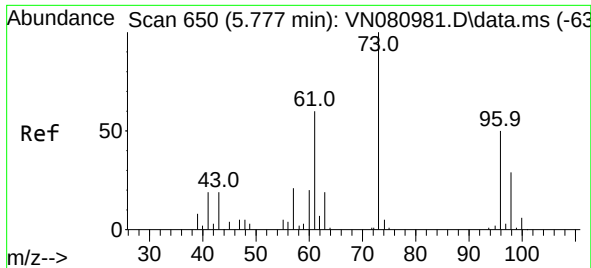
Reviewed By :John Carlone 08/29/2024
 Supervised By :Mahesh Dadoda 08/29/2024



#18
 Methylene Chloride
 Concen: 18.681 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.012 min
 Lab File: VN083532.D
 Acq: 28 Aug 2024 13:42

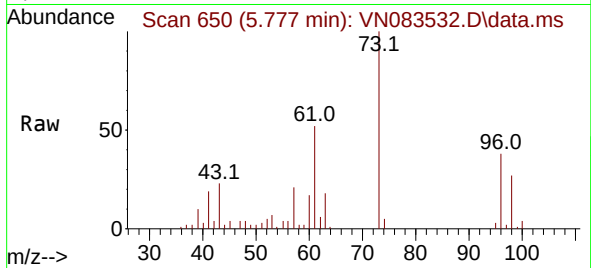
Tgt Ion:	84	Resp:	38338
Ion Ratio	100	Lower	Upper
49	123.0	86.0	129.0
51	38.2	30.0	45.0
86	67.2	53.0	79.4





#19
trans-1,2-Dichloroethene
Concen: 17.838 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

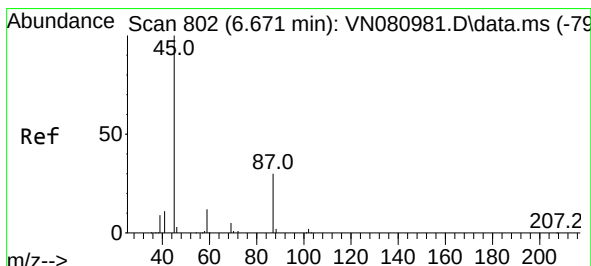
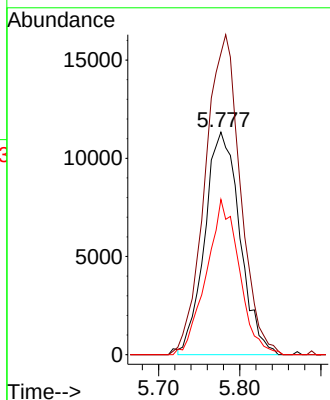
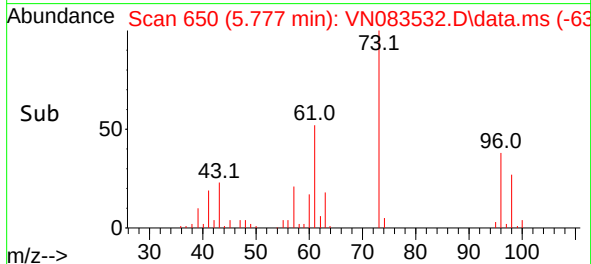
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



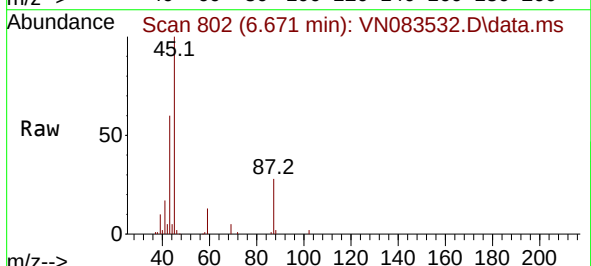
Tgt Ion: 96 Resp: 34024
Ion Ratio Lower Upper
96 100
61 133.8 111.8 167.6
98 68.2 49.2 73.8

Manual Integrations
APPROVED

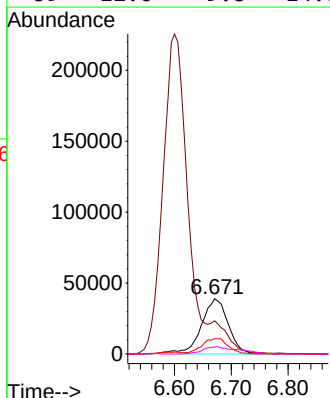
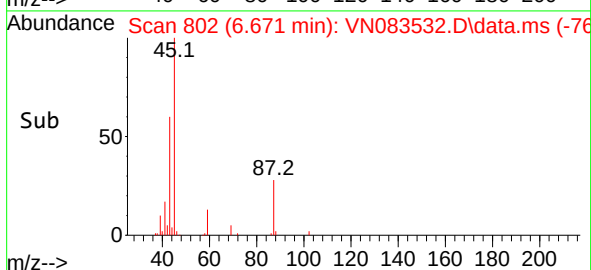
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

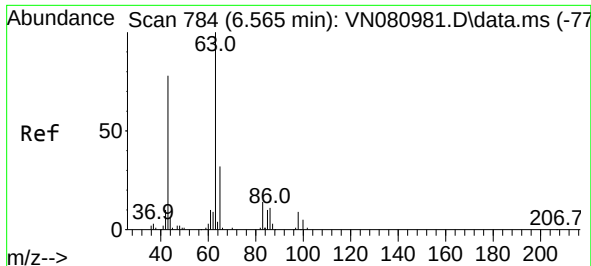


#20
Diisopropyl ether
Concen: 18.756 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42



Tgt Ion: 45 Resp: 124617
Ion Ratio Lower Upper
45 100
43 58.7 40.4 60.6
87 27.8 23.8 35.8
59 12.6 9.8 14.6





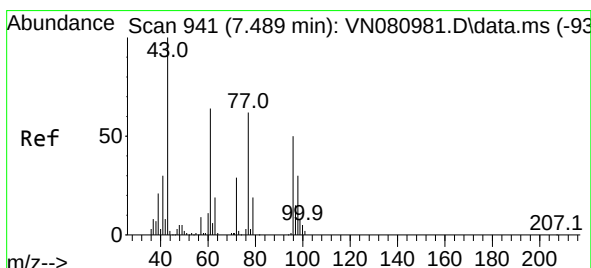
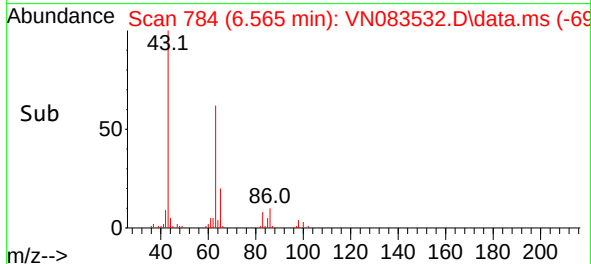
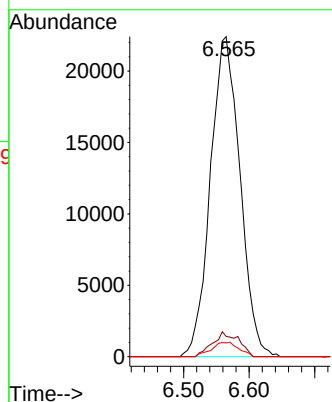
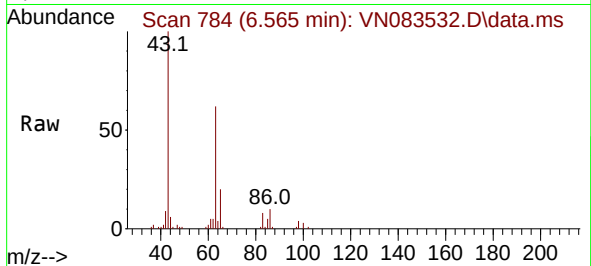
#21
1,1-Dichloroethane
Concen: 18.731 ug/l
RT: 6.565 min Scan# 7026
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

Tgt Ion: 63 Resp: 7026
Ion Ratio Lower Upper
63 100
98 6.4 4.1 12.3
100 4.3 3.0 9.0

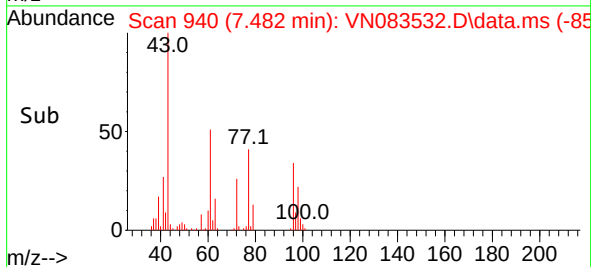
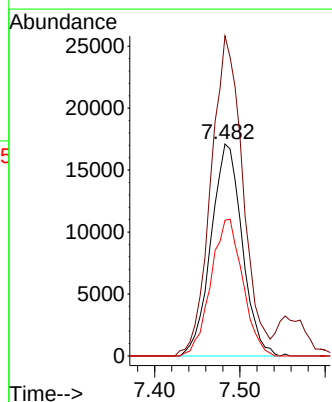
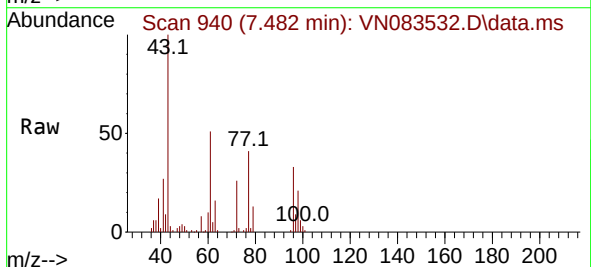
Manual Integrations
APPROVED

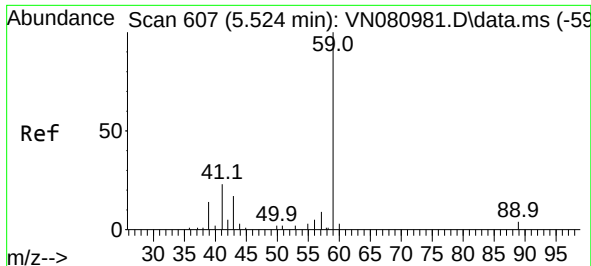
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#22
cis-1,2-Dichloroethene
Concen: 18.390 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

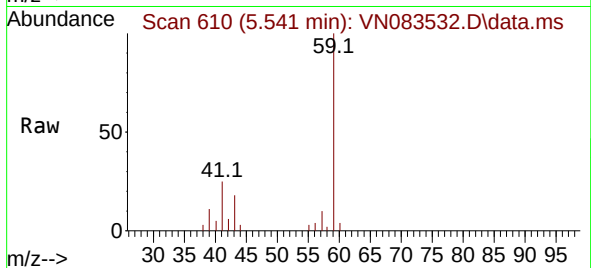
Tgt Ion: 96 Resp: 43391
Ion Ratio Lower Upper
96 100
61 154.4 113.5 170.3
98 65.9 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 102.363 ug/l m
RT: 5.541 min Scan# 610
Delta R.T. 0.018 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

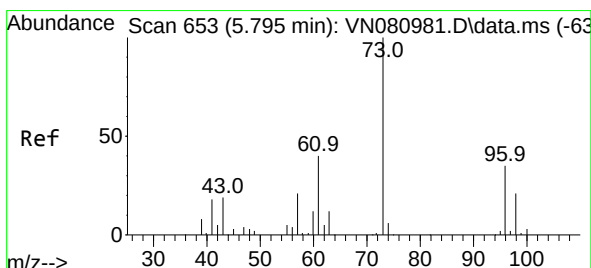
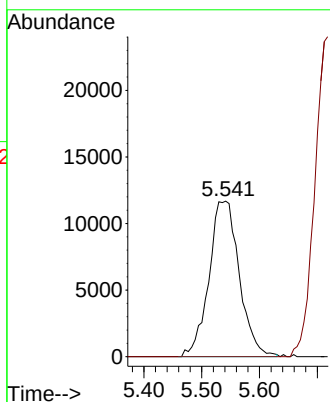
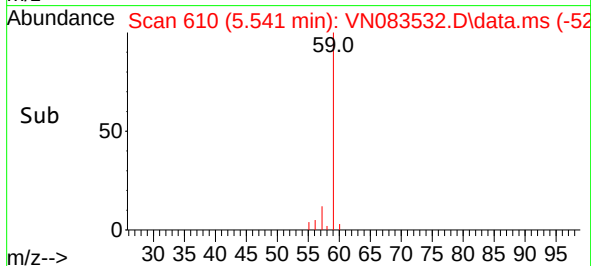
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



Tgt Ion: 59 Resp: 42594
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

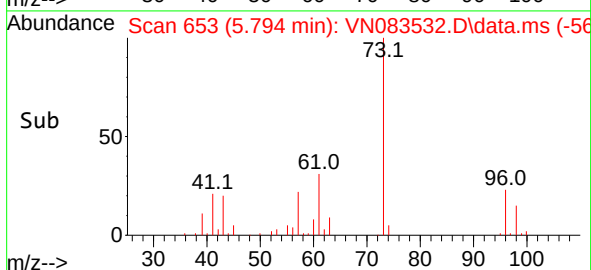
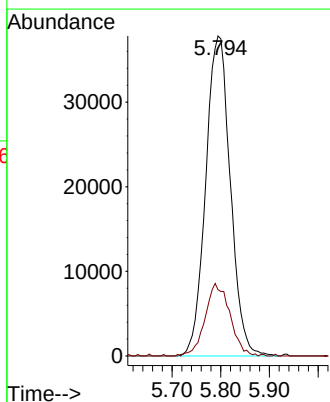
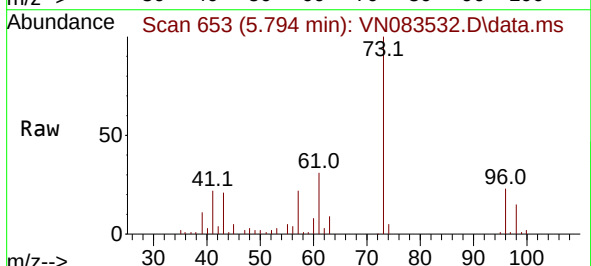
Manual Integrations
APPROVED

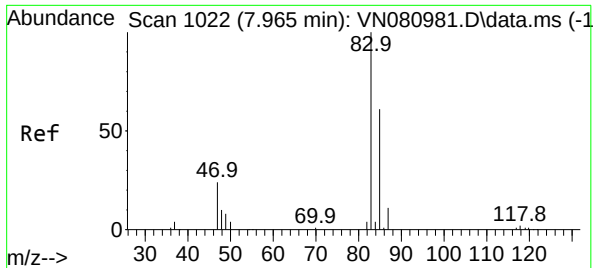
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#24
Methyl tert-Butyl Ether
Concen: 19.393 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

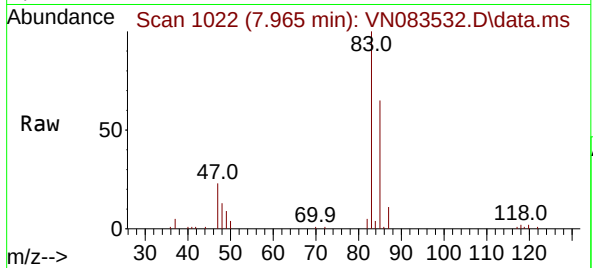
Tgt Ion: 73 Resp: 132898
Ion Ratio Lower Upper
73 100
43 14.6 13.4 20.2





#25
Chloroform
Concen: 18.691 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

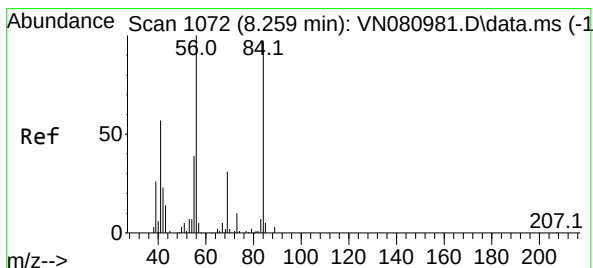
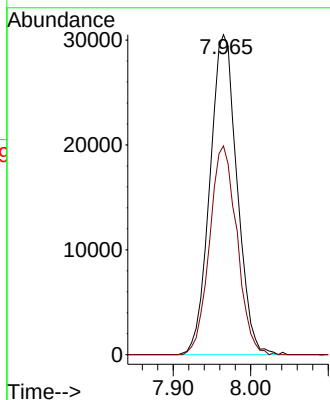
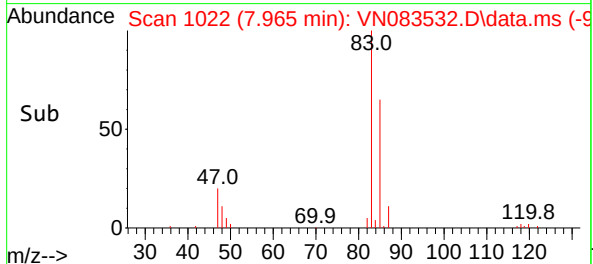
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



Tgt Ion: 83 Resp: 74339
Ion Ratio Lower Upper
83 100
85 65.3 50.9 76.3

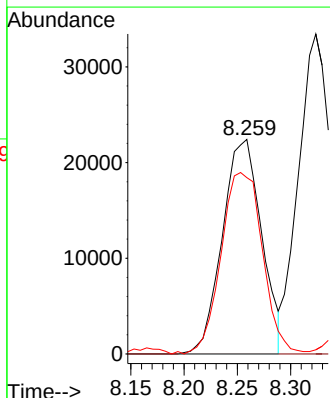
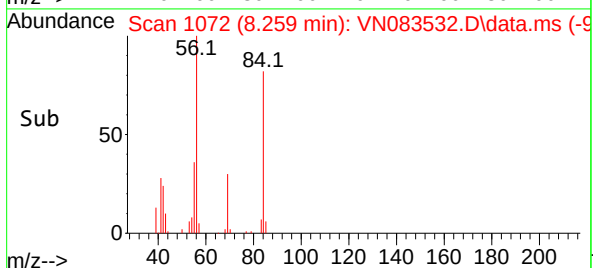
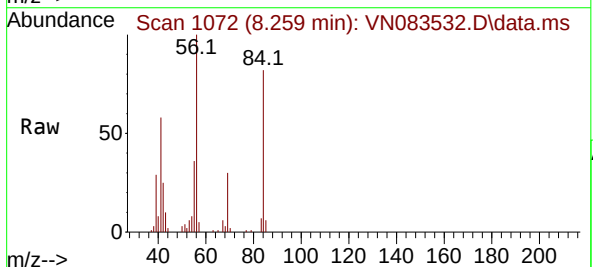
Manual Integrations
APPROVED

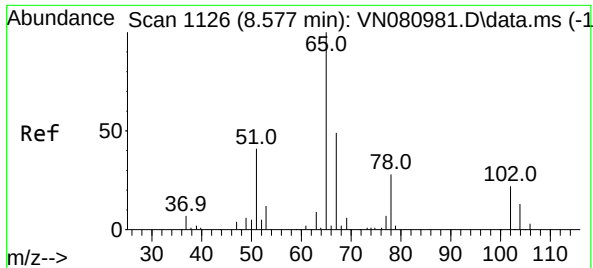
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#26
Cyclohexane
Concen: 17.635 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

Tgt Ion: 56 Resp: 57509
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 89.0 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 31.150 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

Instrument :

MSVOA_N

ClientSampleId :

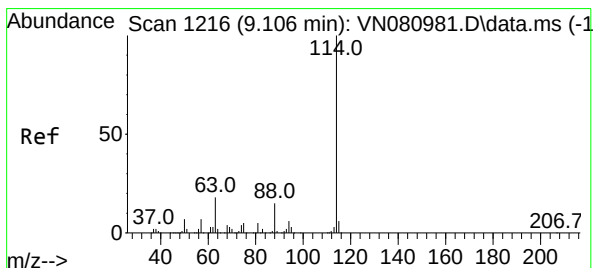
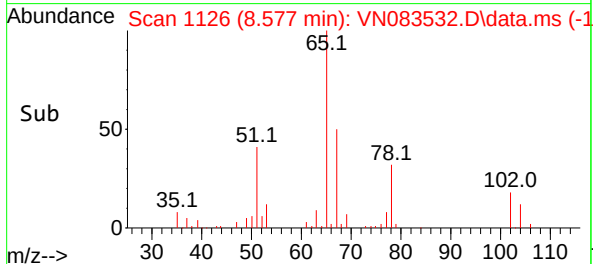
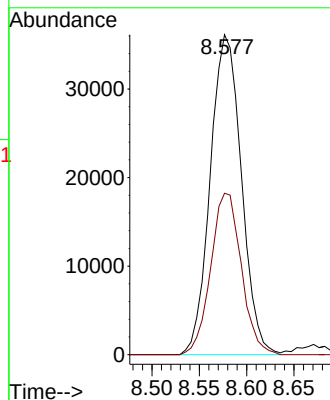
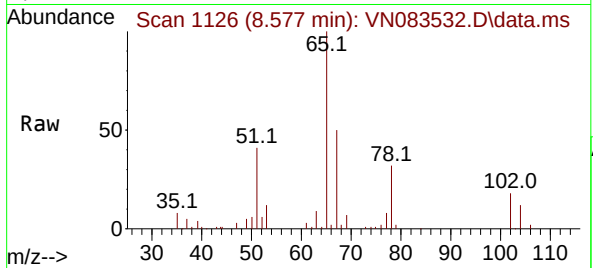
VN0828WBSD01

Tgt Ion: 65 Resp: 8264
Ion Ratio Lower Upper
65 100
67 49.5 43.2 64.8

Manual Integrations

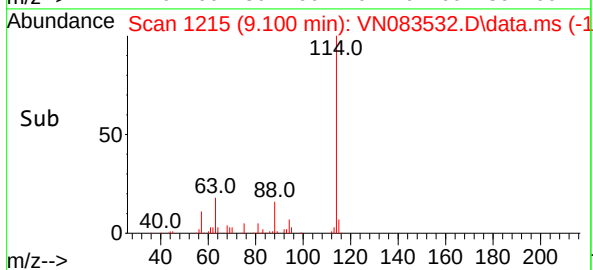
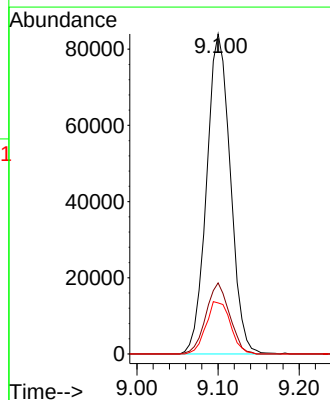
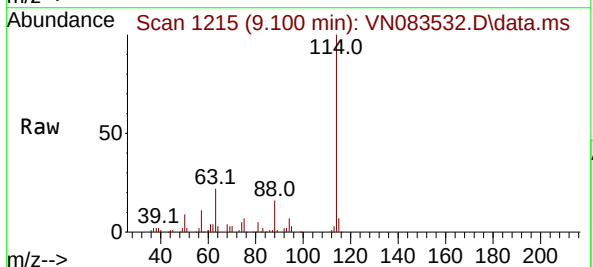
APPROVED

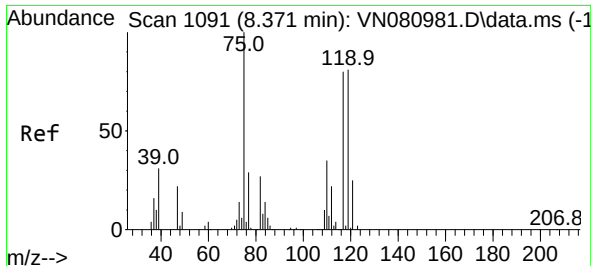
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

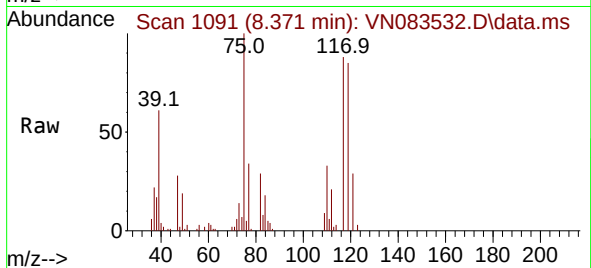
Tgt Ion:114 Resp: 170608
Ion Ratio Lower Upper
114 100
63 22.1 15.9 23.9
88 16.9 12.7 19.1





#29
1,1-Dichloropropene
Concen: 17.932 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

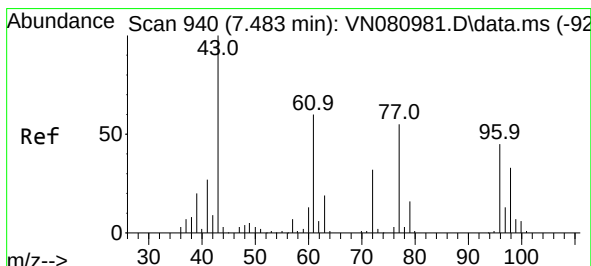
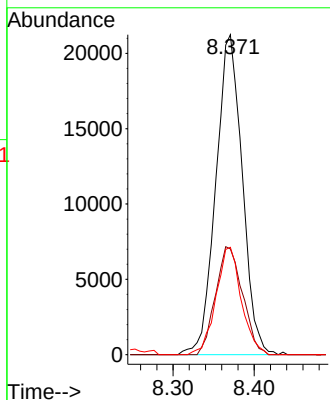
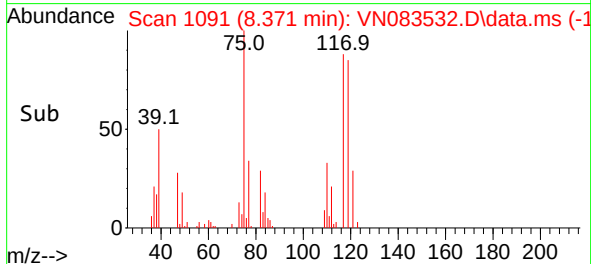
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



Tgt Ion: 75 Resp: 47995
Ion Ratio Lower Upper
75 100
110 34.4 0.0 70.2
77 32.3 0.0 61.4

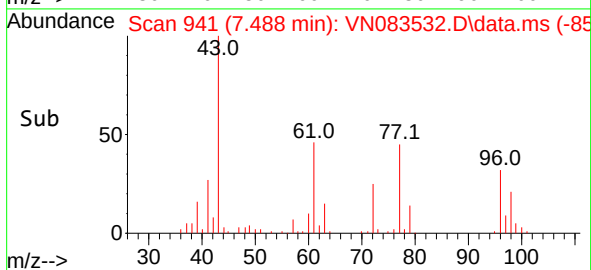
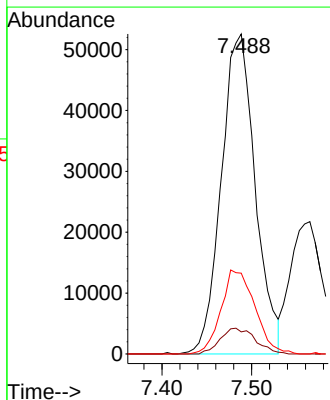
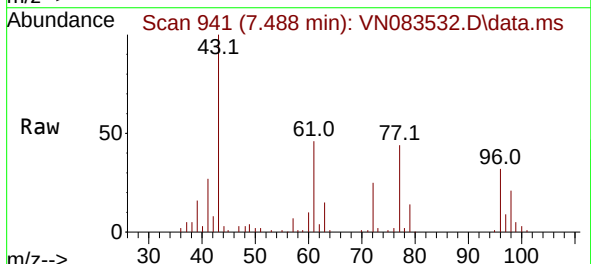
Manual Integrations
APPROVED

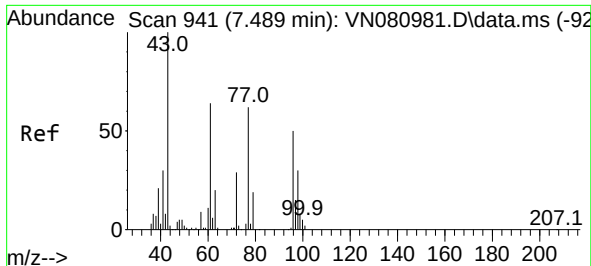
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#30
2-Butanone
Concen: 100.653 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

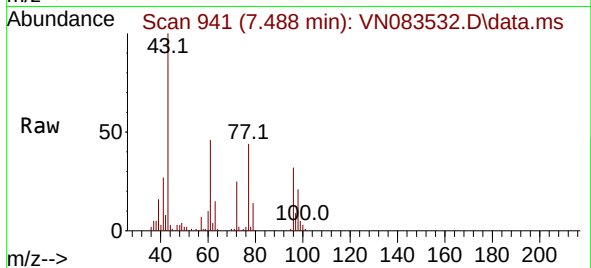
Tgt Ion: 43 Resp: 138209
Ion Ratio Lower Upper
43 100
57 8.3 6.7 10.1
72 26.1 24.0 36.0





#31
2,2-Dichloropropane
Concen: 18.372 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

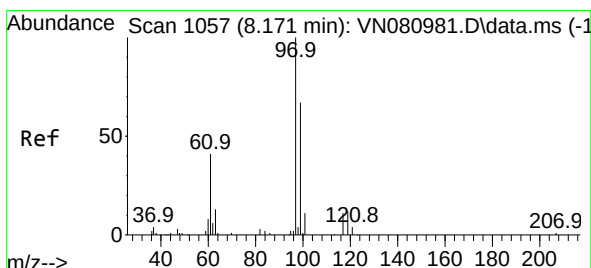
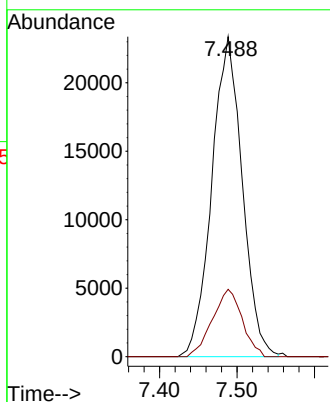
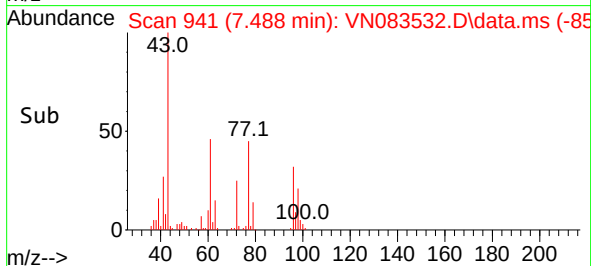
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



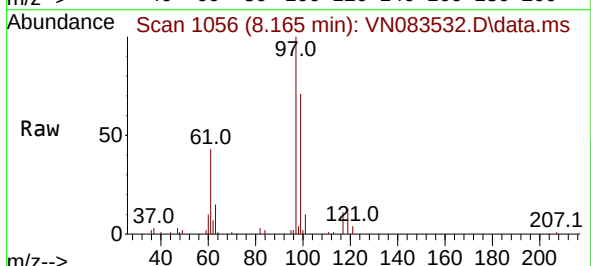
Tgt Ion: 77 Resp: 63762
Ion Ratio Lower Upper
77 100
97 20.6 18.3 27.5

Manual Integrations
APPROVED

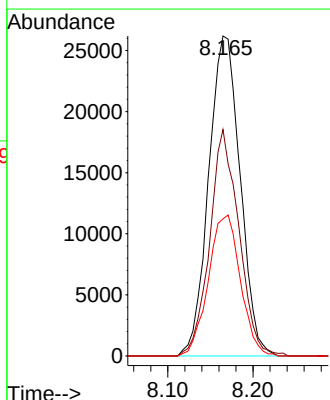
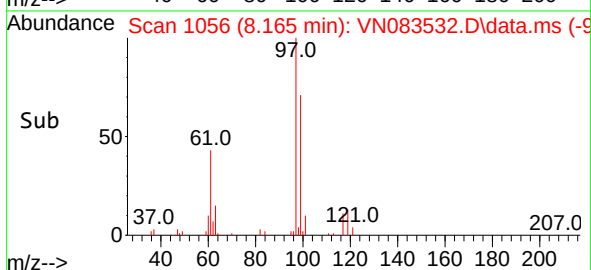
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

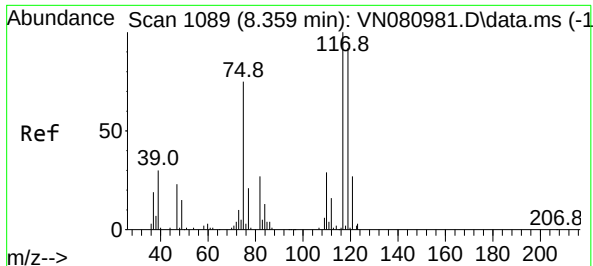


#32
1,1,1-Trichloroethane
Concen: 18.798 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42



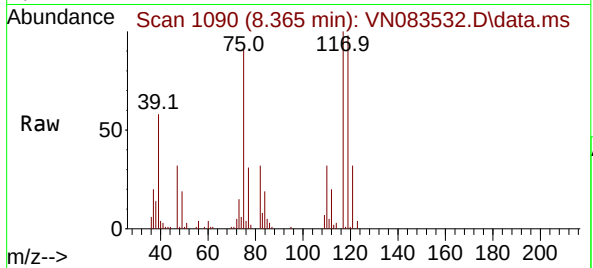
Tgt Ion: 97 Resp: 67242
Ion Ratio Lower Upper
97 100
99 65.5 51.0 76.4
61 44.8 33.8 50.8





#33
Carbon Tetrachloride
Concen: 18.580 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

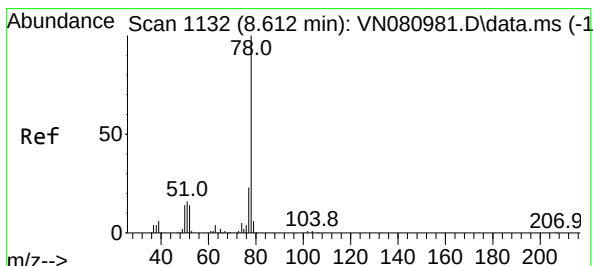
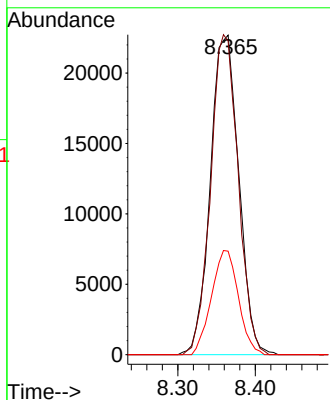
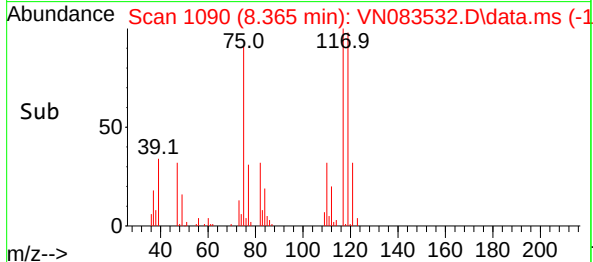
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



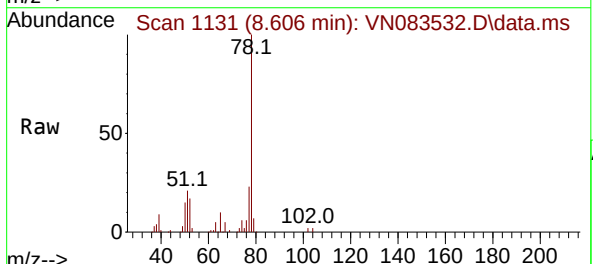
Tgt Ion: 117 Resp: 5787
Ion Ratio Lower Upper
117 100
119 98.1 77.7 116.5
121 32.4 27.0 40.6

Manual Integrations
APPROVED

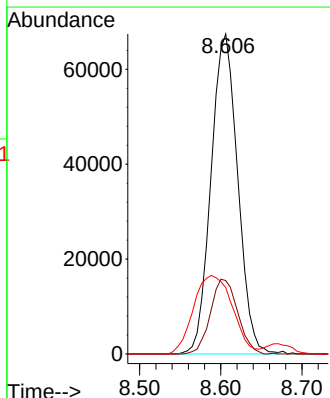
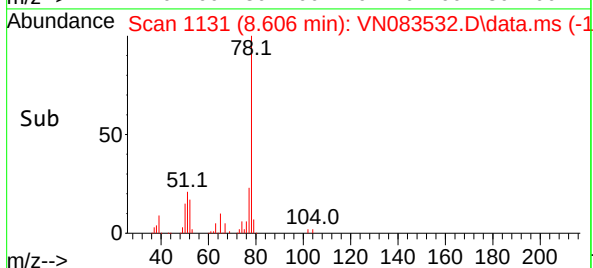
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

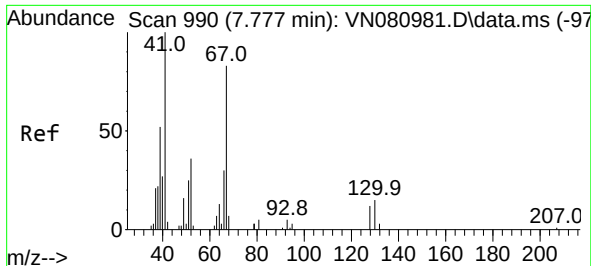


#34
Benzene
Concen: 18.988 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42



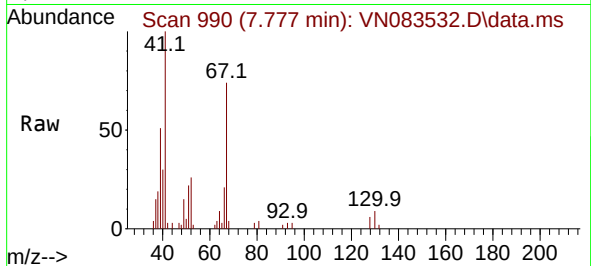
Tgt Ion: 78 Resp: 154220
Ion Ratio Lower Upper
78 100
77 23.0 19.2 28.8
51 18.4 13.3 19.9





#35
Methacrylonitrile
Concen: 20.320 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

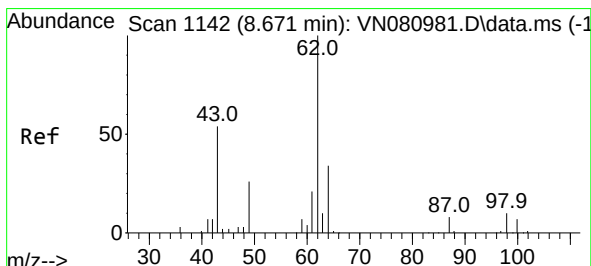
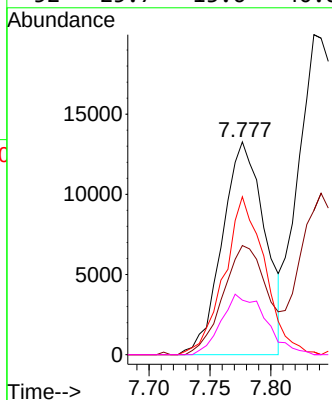
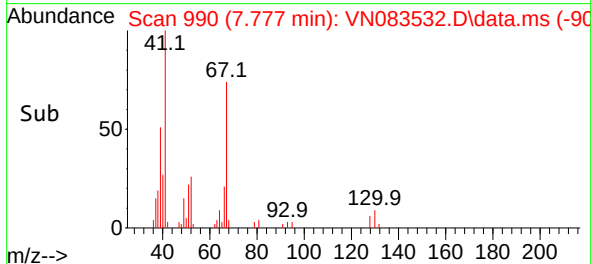
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



Tgt Ion: 41 Resp: 32284
Ion Ratio Lower Upper
41 100
39 51.3 25.3 75.9
67 74.2 38.7 116.1
52 25.7 13.6 40.8

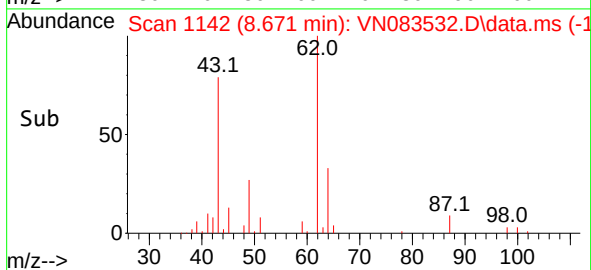
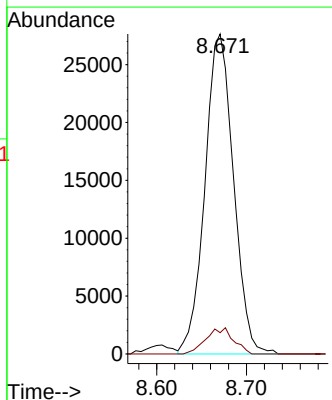
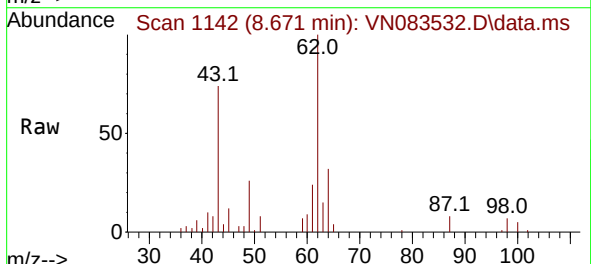
Manual Integrations
APPROVED

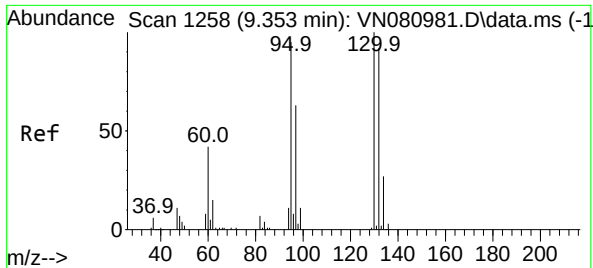
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#36
1,2-Dichloroethane
Concen: 20.195 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

Tgt Ion: 62 Resp: 61157
Ion Ratio Lower Upper
62 100
98 7.9 8.2 12.4#





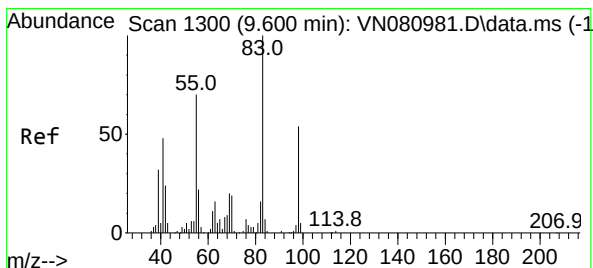
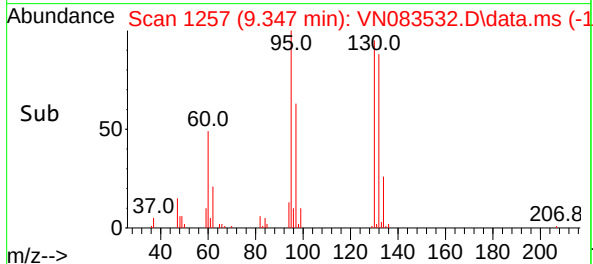
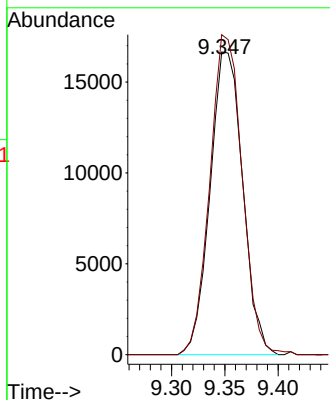
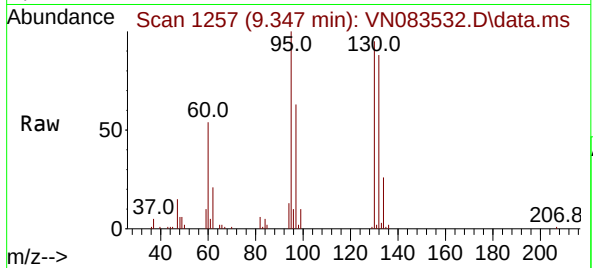
#37
Trichloroethene
Concen: 18.435 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

Tgt Ion:130 Resp: 3548
Ion Ratio Lower Upper
130 100
95 105.7 80.2 120.4

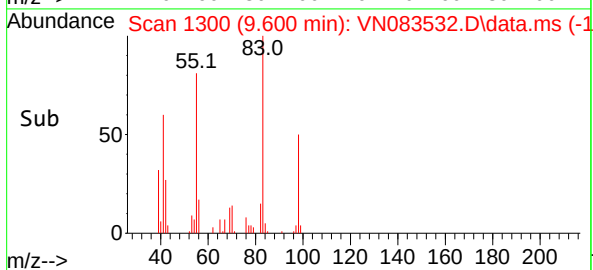
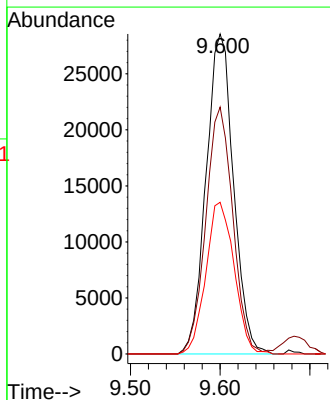
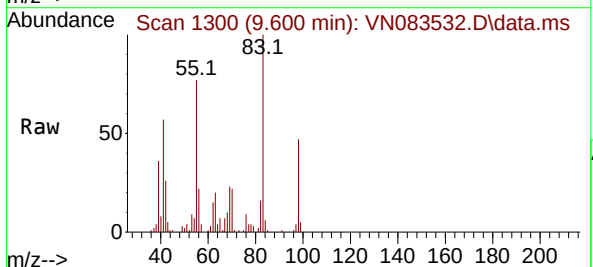
Manual Integrations
APPROVED

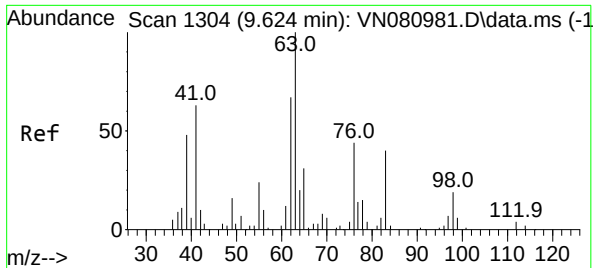
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#38
Methylcyclohexane
Concen: 18.468 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

Tgt Ion: 83 Resp: 60619
Ion Ratio Lower Upper
83 100
55 76.1 36.6 109.9
98 48.6 23.8 71.5





#39

1,2-Dichloropropane

Concen: 19.297 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN083532.D

Acq: 28 Aug 2024 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD01

Tgt Ion: 63 Resp: 3810

Ion Ratio Lower Upper

63 100

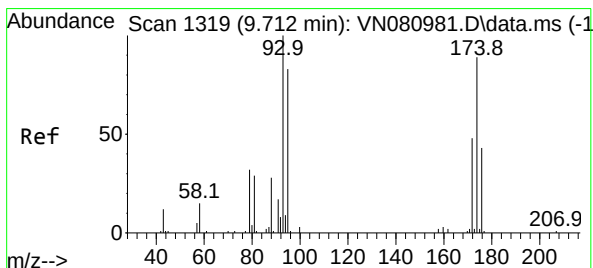
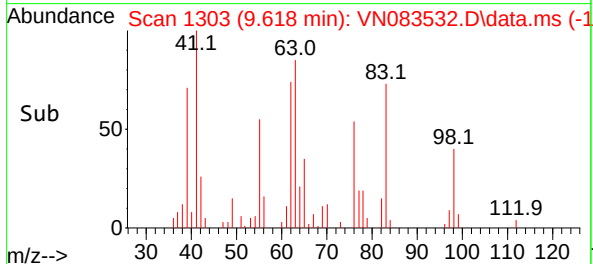
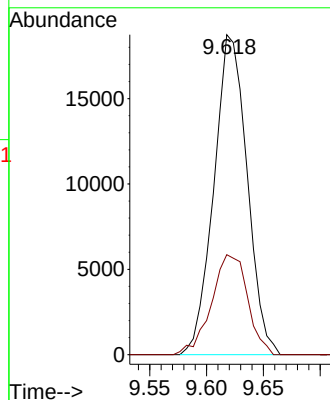
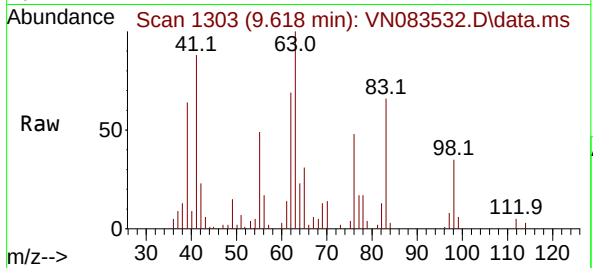
65 31.2 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#40

Dibromomethane

Concen: 19.318 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN083532.D

Acq: 28 Aug 2024 13:42

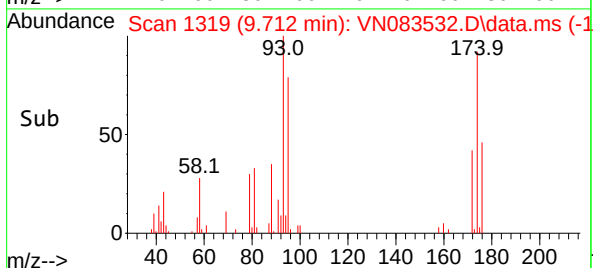
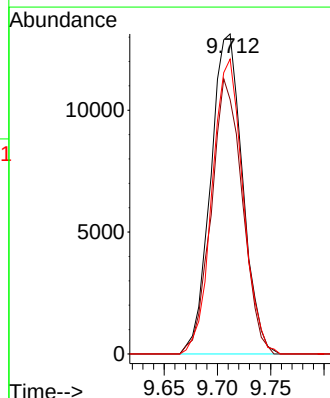
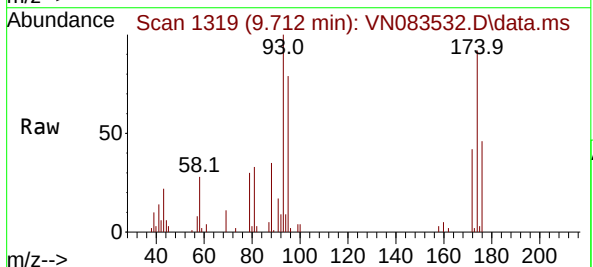
Tgt Ion: 93 Resp: 27383

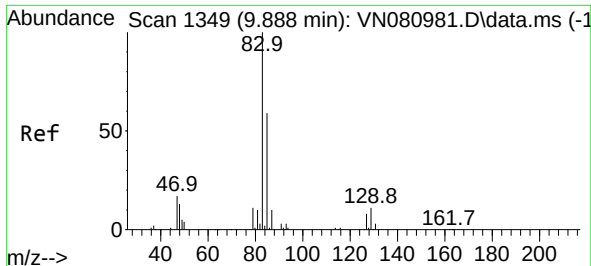
Ion Ratio Lower Upper

93 100

95 83.5 0.0 164.6

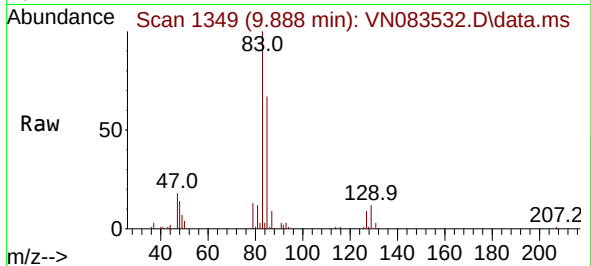
174 88.9 0.0 193.2





#41
Bromodichloromethane
Concen: 19.437 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

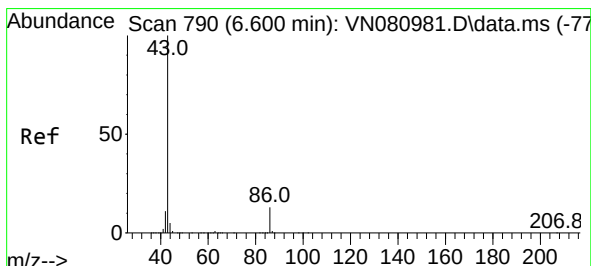
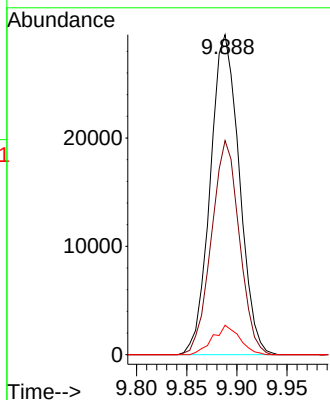
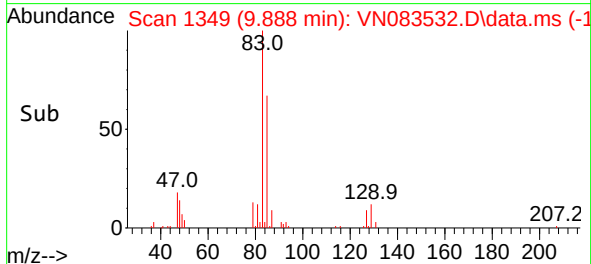
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



Tgt Ion: 83 Resp: 59540
Ion Ratio Lower Upper
83 100
85 66.9 49.4 74.2
127 9.2 7.3 10.9

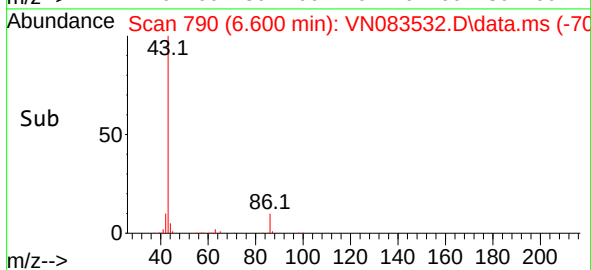
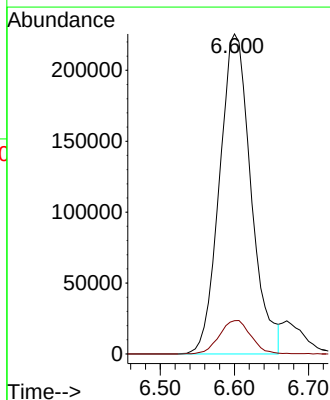
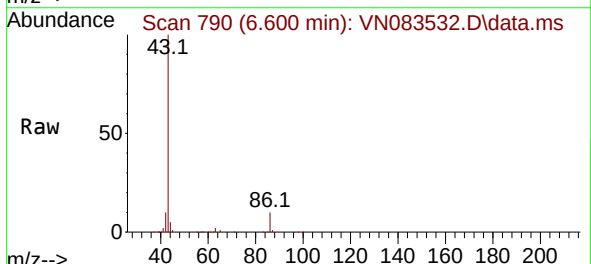
Manual Integrations
APPROVED

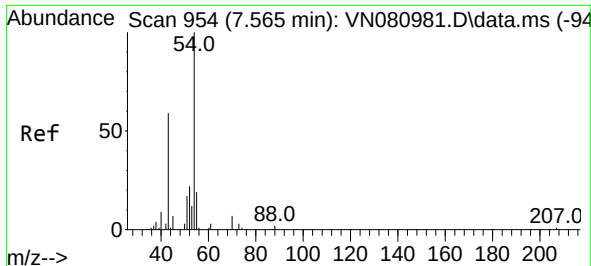
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#42
Vinyl Acetate
Concen: 98.892 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

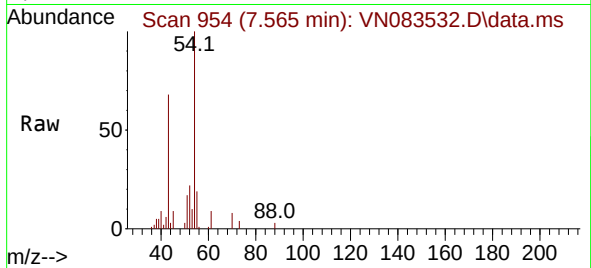
Tgt Ion: 43 Resp: 666390
Ion Ratio Lower Upper
43 100
86 10.4 9.4 14.2





#43
Ethyl Acetate
Concen: 21.525 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

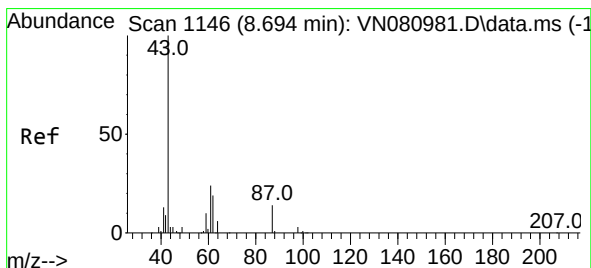
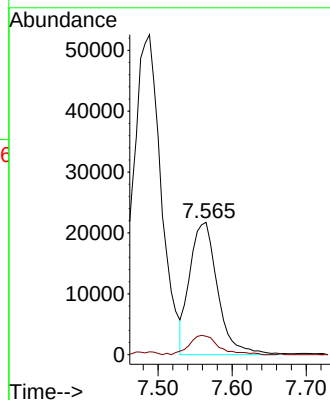
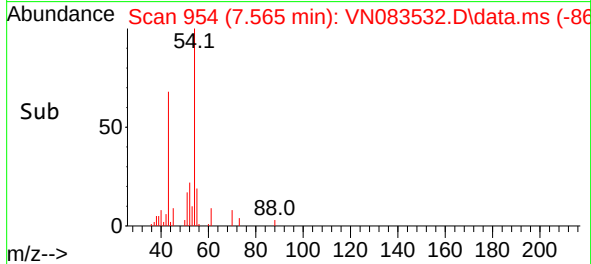
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



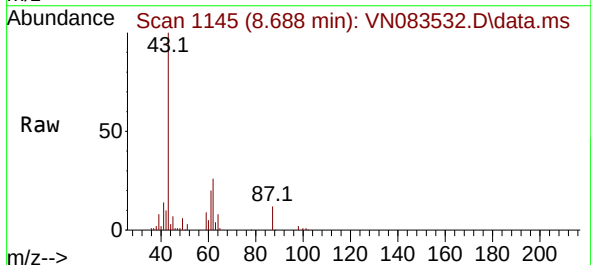
Tgt Ion: 43 Resp: 5676
Ion Ratio Lower Upper
43 100
45 14.4 10.6 15.8

Manual Integrations
APPROVED

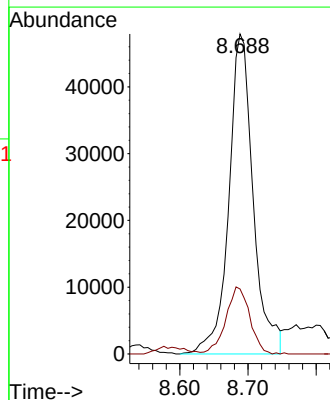
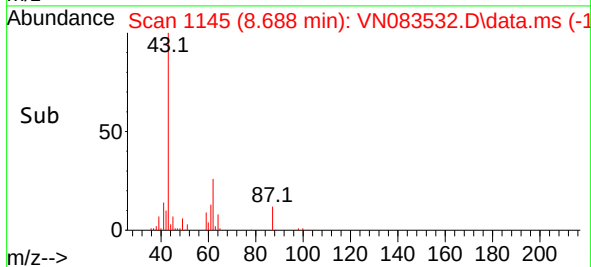
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

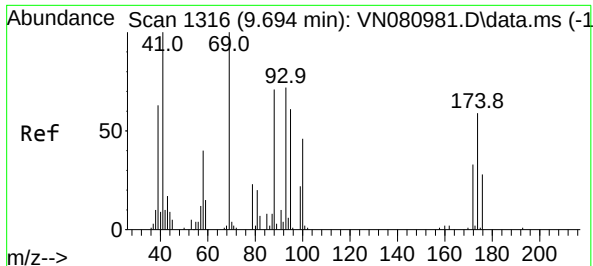


#44
Isopropyl Acetate
Concen: 19.119 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42



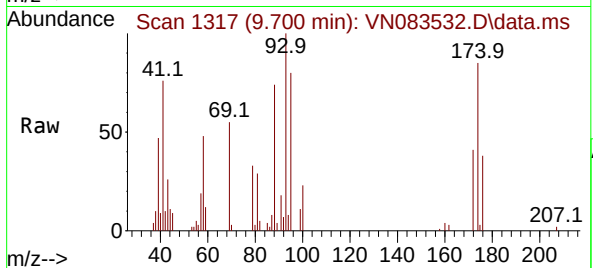
Tgt Ion: 43 Resp: 119124
Ion Ratio Lower Upper
43 100
61 20.5 25.0 37.4#





#45
1,4-Dioxane
Concen: 423.625 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

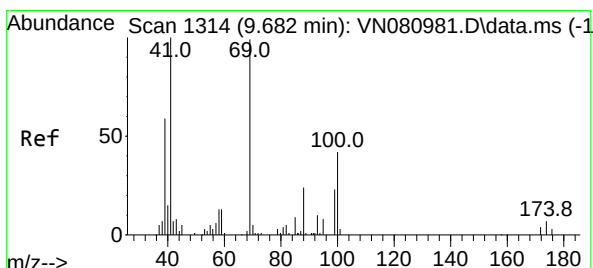
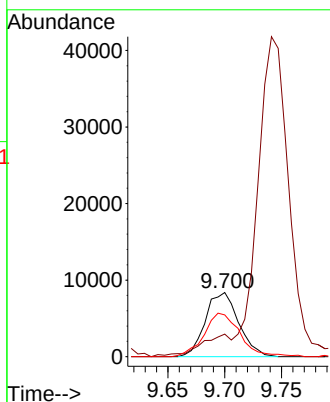
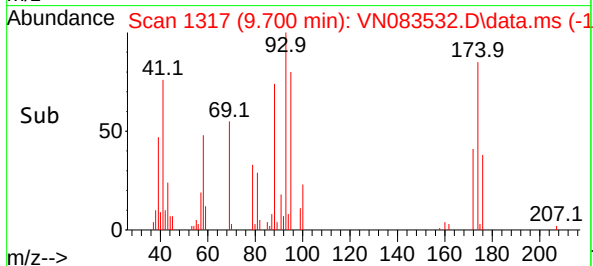
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



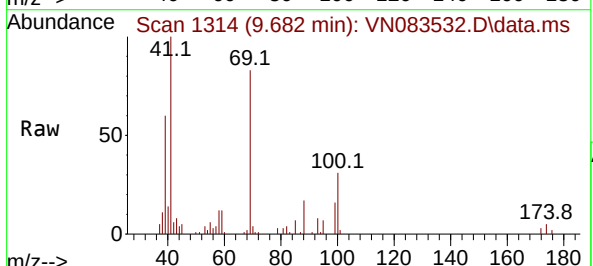
Tgt Ion: 88 Resp: 17110
Ion Ratio Lower Upper
88 100
43 24.1 19.8 29.6
58 73.0 55.4 83.0

Manual Integrations
APPROVED

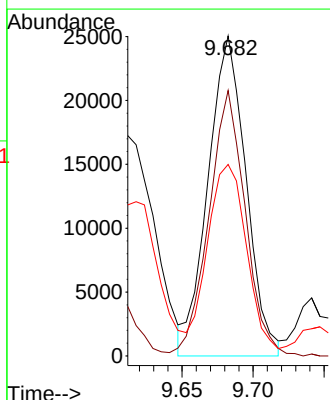
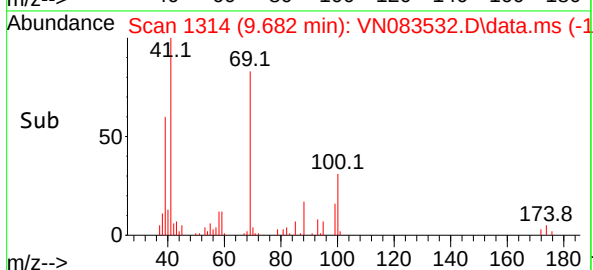
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

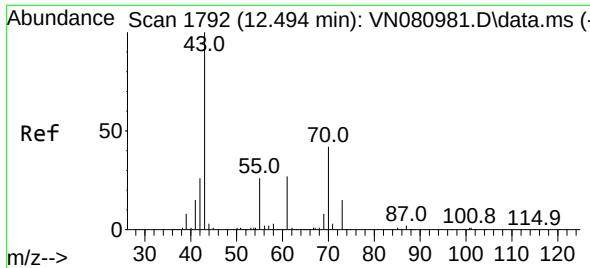


#46
Methyl methacrylate
Concen: 20.262 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42



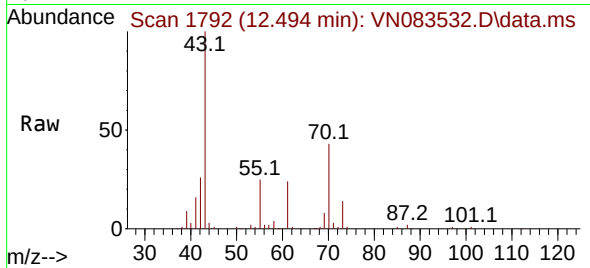
Tgt Ion: 41 Resp: 46649
Ion Ratio Lower Upper
41 100
69 84.5 51.1 153.3
39 60.4 25.8 77.3





#47
n-amy1 Acetate
Concen: 19.468 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

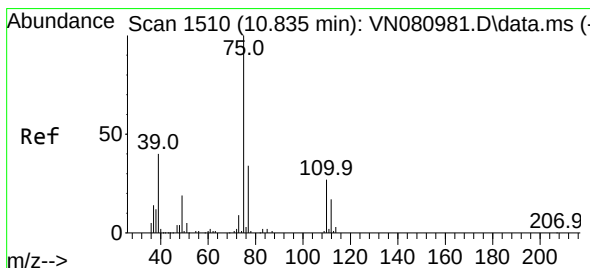
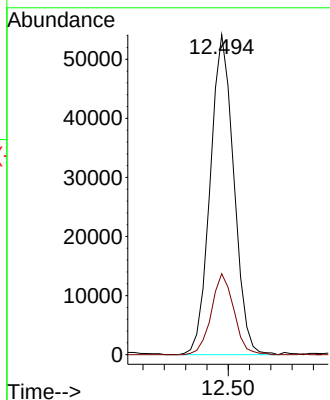
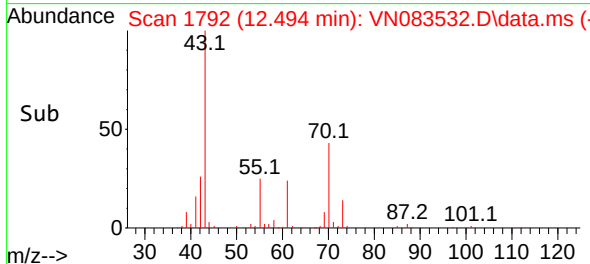
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



Tgt Ion: 43 Resp: 8347
Ion Ratio Lower Upper
43 100
55 24.1 23.4 35.2

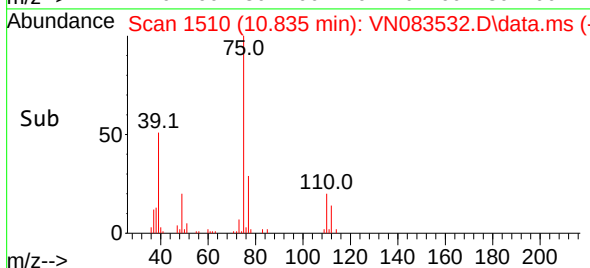
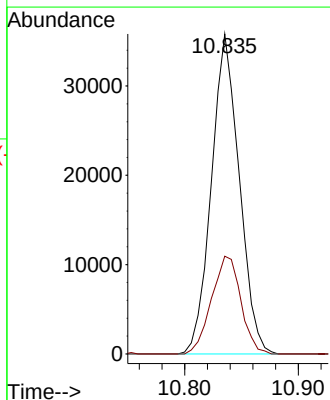
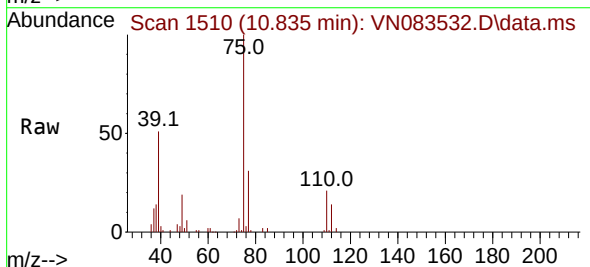
Manual Integrations
APPROVED

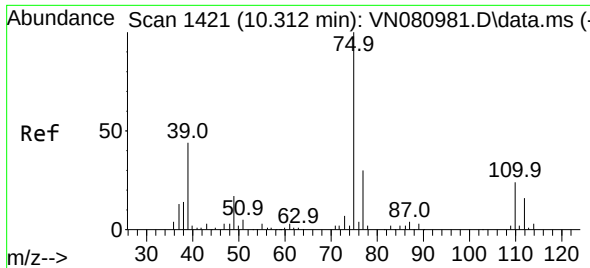
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#48
t-1,3-Dichloropropene
Concen: 18.781 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

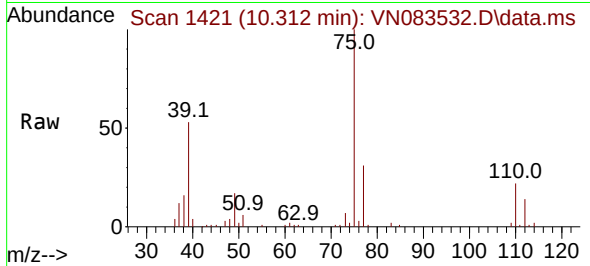
Tgt Ion: 75 Resp: 61016
Ion Ratio Lower Upper
75 100
77 30.5 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 18.800 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN083532.D
 Acq: 28 Aug 2024 13:42

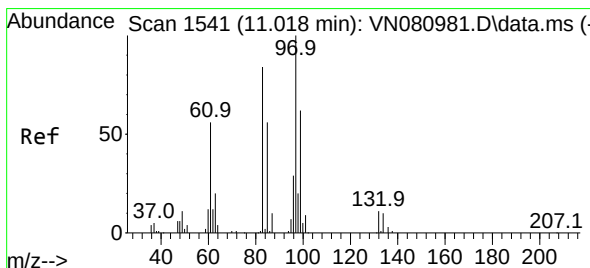
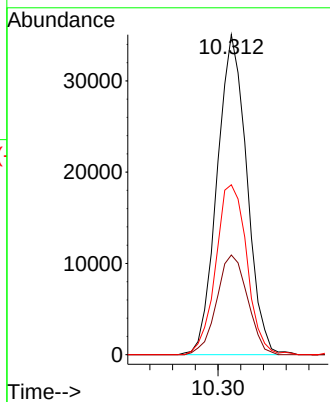
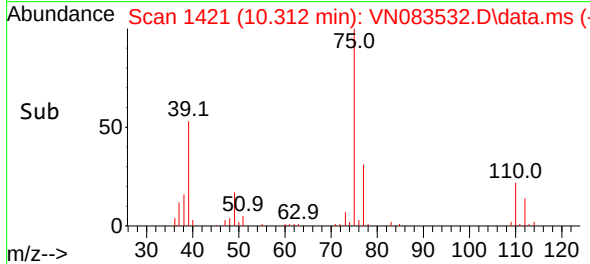
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD01



Tgt Ion: 75 Resp: 63670
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.9 37.3
 39 53.1 31.0 46.6

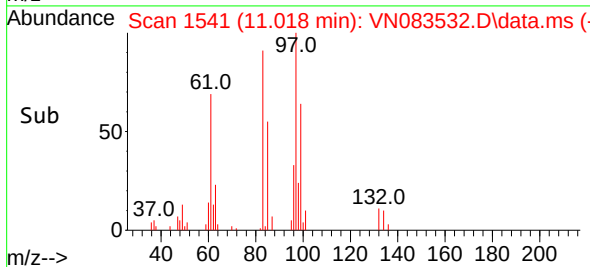
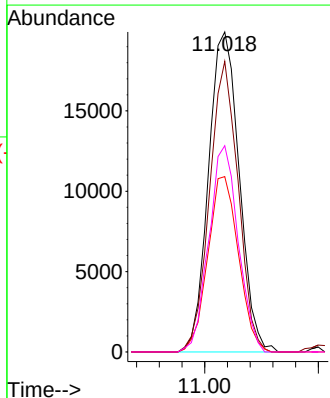
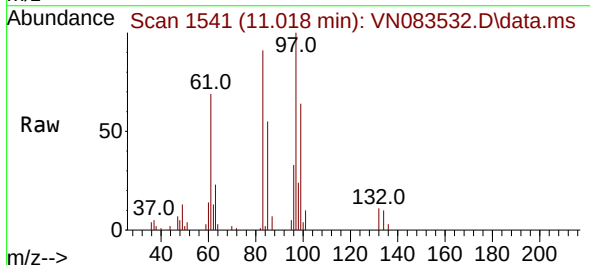
Manual Integrations
 APPROVED

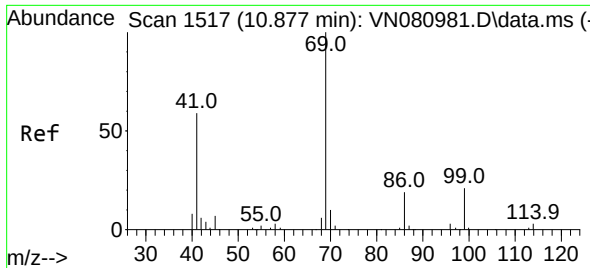
Reviewed By :John Carlone 08/29/2024
 Supervised By :Mahesh Dadoda 08/29/2024



#50
 1,1,2-Trichloroethane
 Concen: 19.681 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN083532.D
 Acq: 28 Aug 2024 13:42

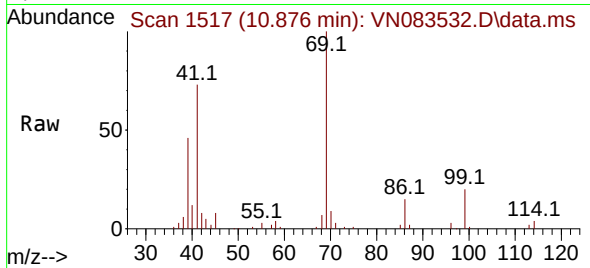
Tgt Ion: 97 Resp: 37389
 Ion Ratio Lower Upper
 97 100
 83 90.8 68.1 102.1
 85 54.8 41.8 62.6
 99 64.5 47.0 70.4





#51
Ethyl methacrylate
Concen: 19.261 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

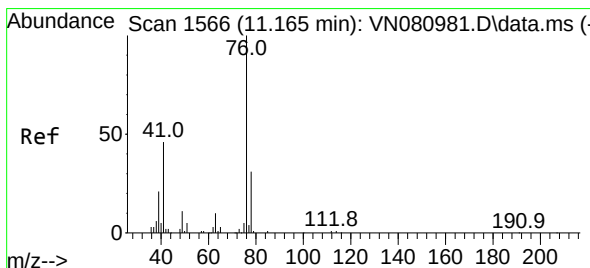
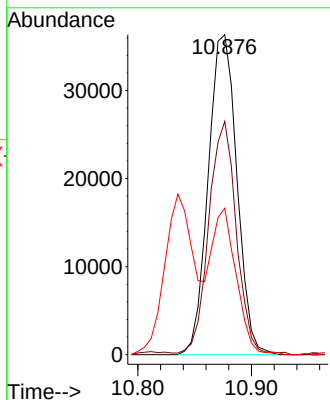
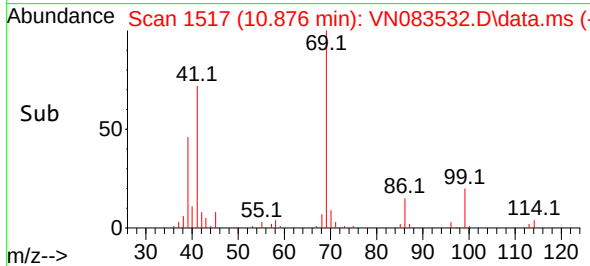
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



Tgt Ion: 69 Resp: 63815
Ion Ratio Lower Upper
69 100
41 72.4 25.5 76.5
39 45.2 16.0 47.9

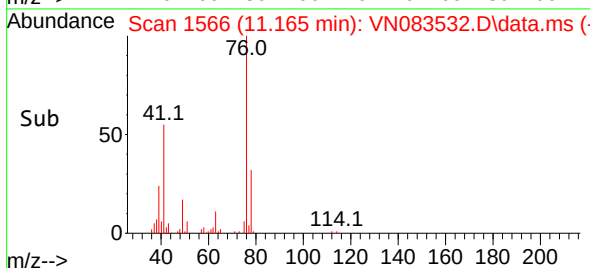
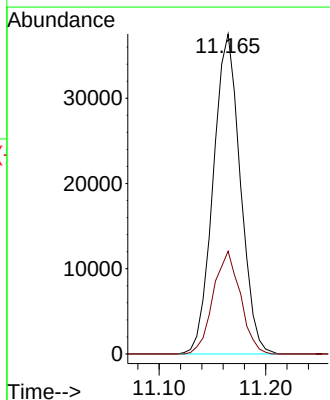
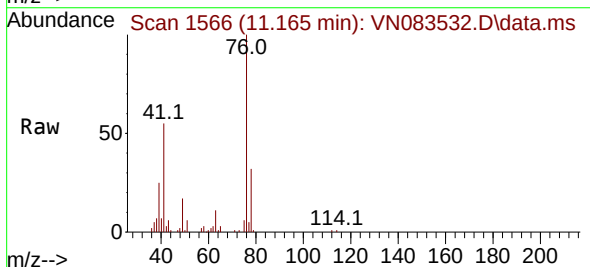
Manual Integrations
APPROVED

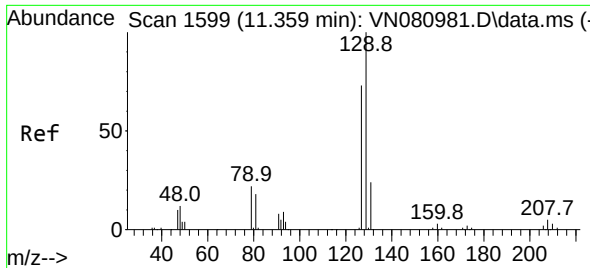
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#52
1,3-Dichloropropane
Concen: 20.018 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

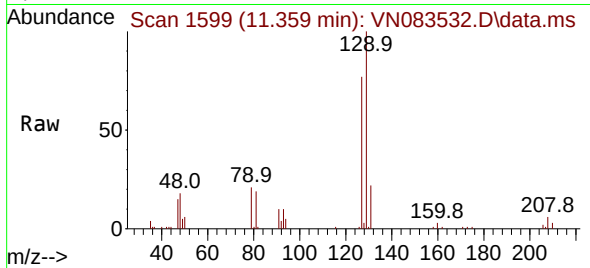
Tgt Ion: 76 Resp: 66404
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.8





#53
Dibromochloromethane
Concen: 19.193 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

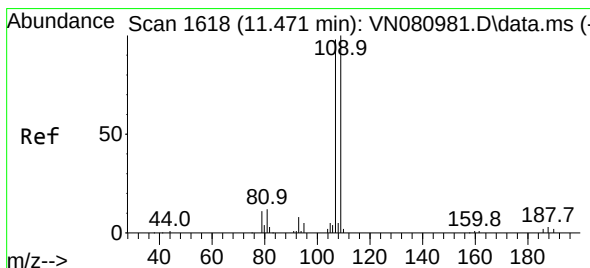
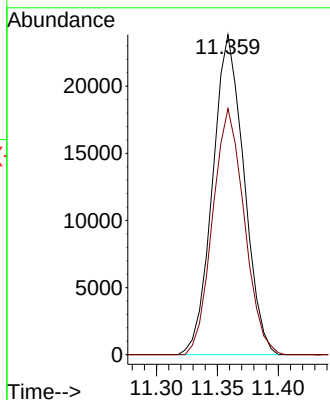
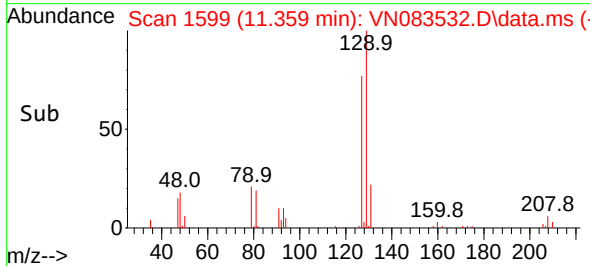
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



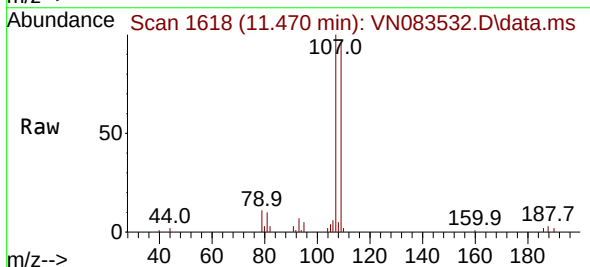
Tgt Ion:129 Resp: 42710
Ion Ratio Lower Upper
129 100
127 77.6 39.4 118.1

Manual Integrations
APPROVED

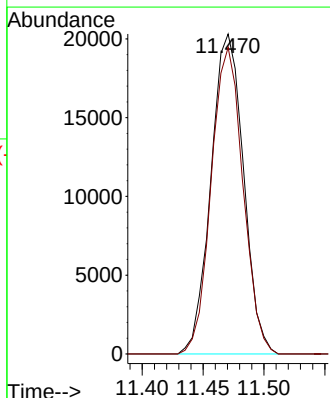
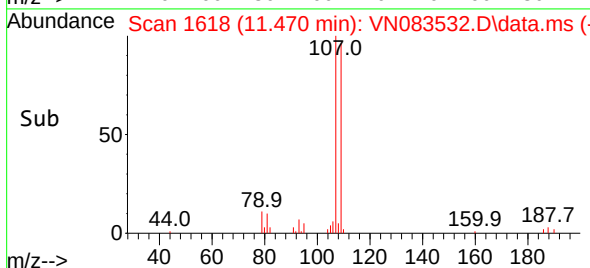
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

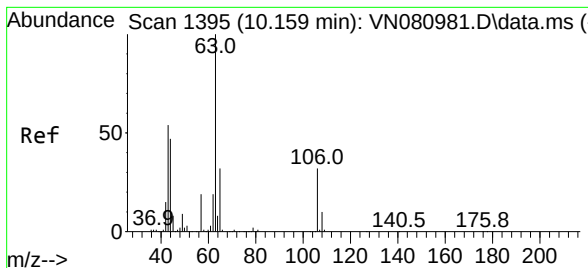


#54
1,2-Dibromoethane
Concen: 19.415 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42



Tgt Ion:107 Resp: 37789
Ion Ratio Lower Upper
107 100
109 93.2 74.7 112.1





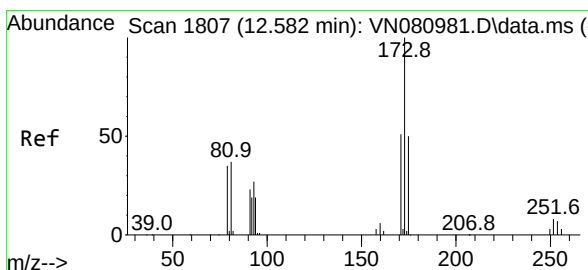
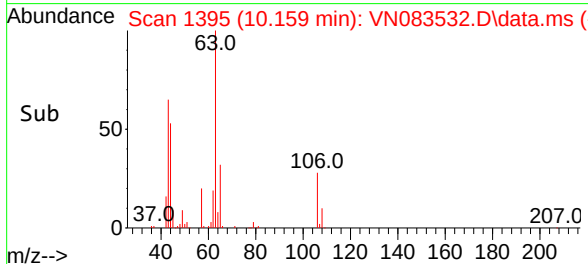
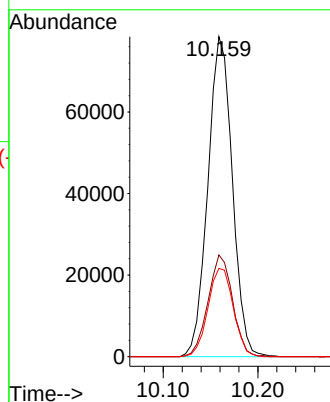
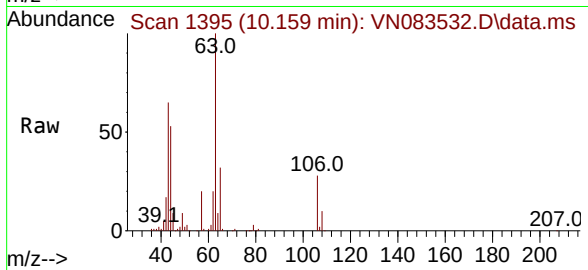
#55
2-Chloroethyl vinyl ether
Concen: 99.858 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

Tgt Ion: 63 Resp: 140840
Ion Ratio Lower Upper
63 100
65 31.9 26.2 39.2
106 28.6 23.8 35.8

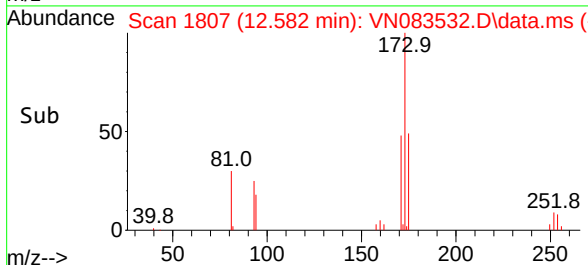
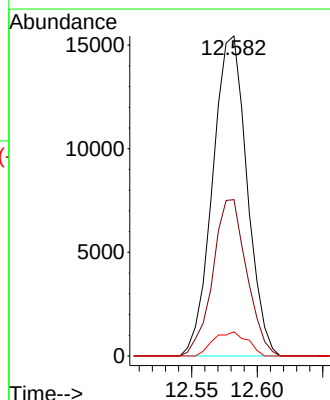
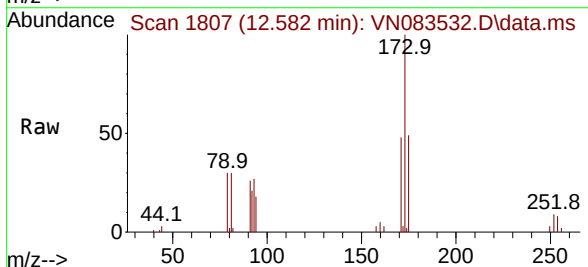
Manual Integrations
APPROVED

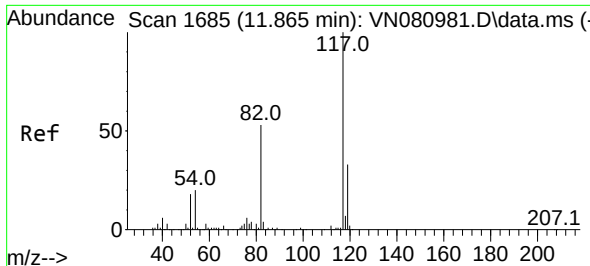
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#56
Bromoform
Concen: 19.334 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

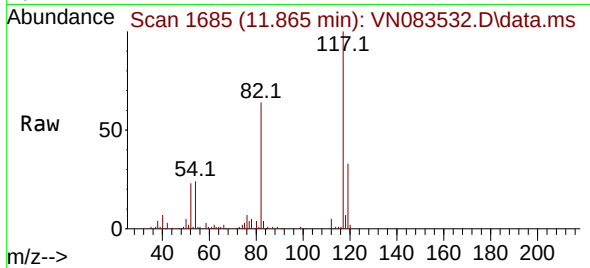
Tgt Ion:173 Resp: 28094
Ion Ratio Lower Upper
173 100
175 48.3 40.0 60.0
254 7.5 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

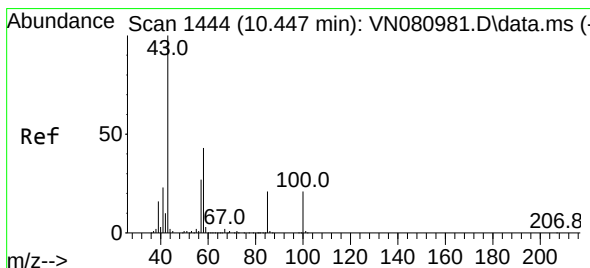
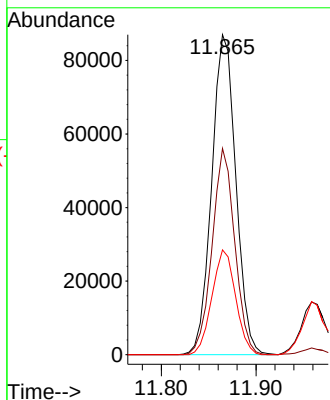
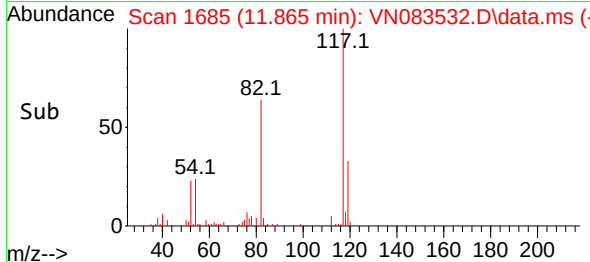
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



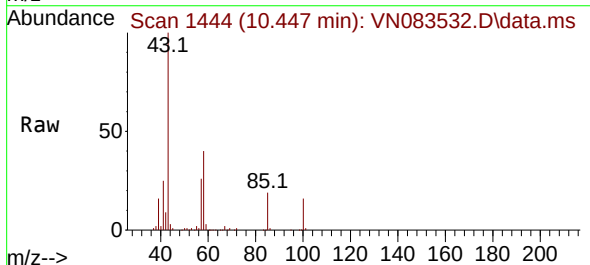
Tgt Ion:117 Resp: 154062
Ion Ratio Lower Upper
117 100
82 60.5 46.6 69.8
119 32.1 25.4 38.2

Manual Integrations
APPROVED

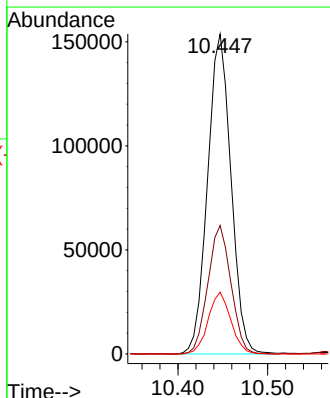
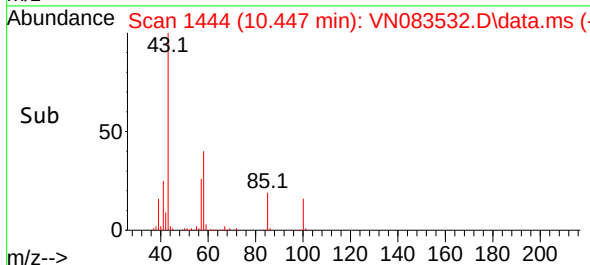
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

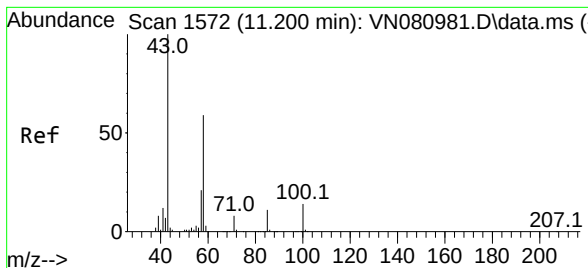


#58
4-Methyl-2-Pentanone
Concen: 102.002 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42



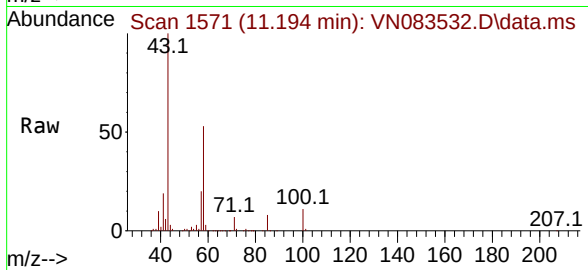
Tgt Ion: 43 Resp: 278708
Ion Ratio Lower Upper
43 100
58 39.6 36.5 54.7
85 18.7 19.5 29.3





#59
2-Hexanone
Concen: 101.216 ug/l
RT: 11.194 min Scan# 1119
Delta R.T. -0.006 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

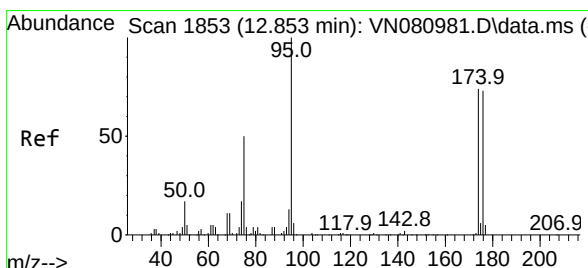
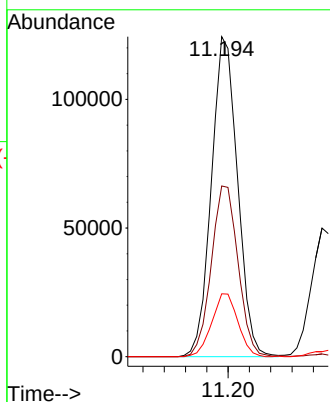
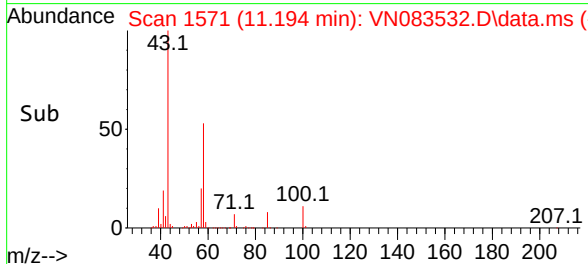
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



Tgt Ion: 43 Resp: 212094
Ion Ratio Lower Upper
43 100
58 54.6 50.4 75.6
57 19.7 18.6 27.8

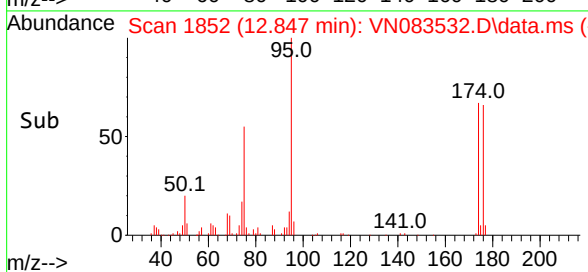
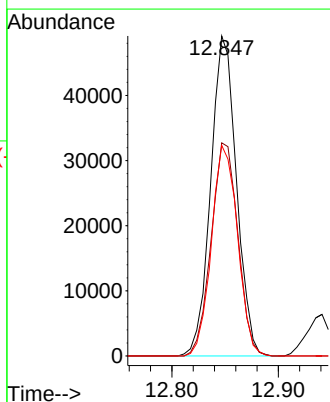
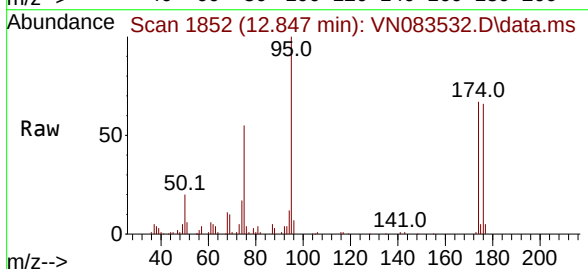
Manual Integrations
APPROVED

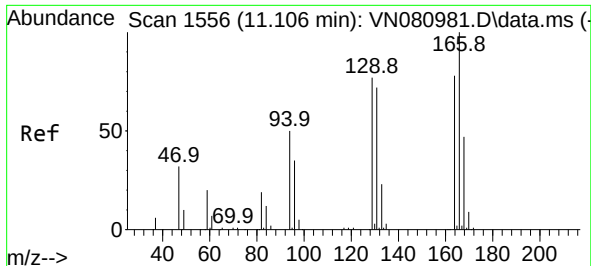
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#60
4-Bromofluorobenzene
Concen: 30.235 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

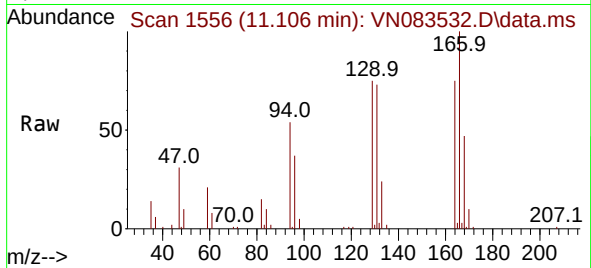
Tgt Ion: 95 Resp: 82465
Ion Ratio Lower Upper
95 100
174 69.2 60.5 90.7
176 66.7 57.8 86.6





#61
Tetrachloroethene
Concen: 18.361 ug/l
RT: 11.106 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

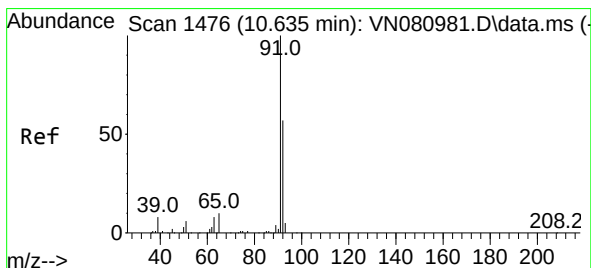
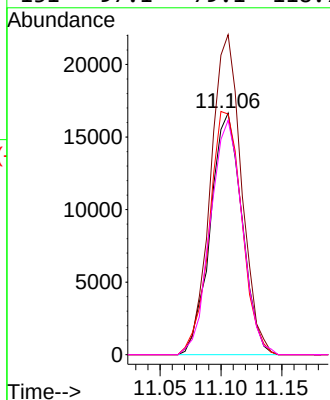
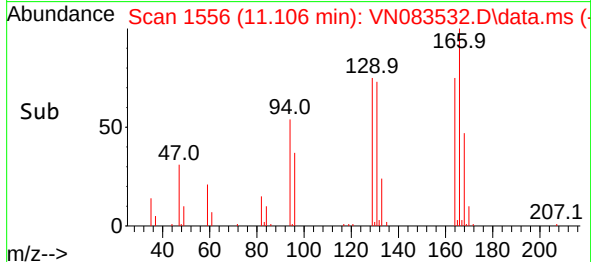
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



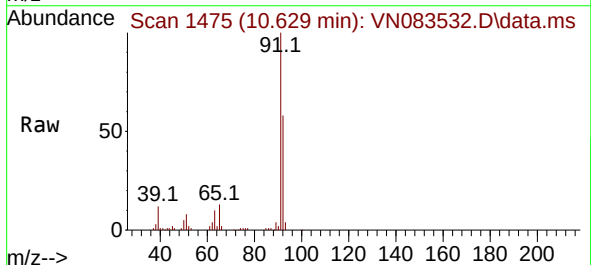
Tgt Ion:164 Resp: 3004
Ion Ratio Lower Upper
164 100
166 132.5 106.7 160.1
129 99.6 85.8 128.6
131 97.1 79.1 118.7

Manual Integrations
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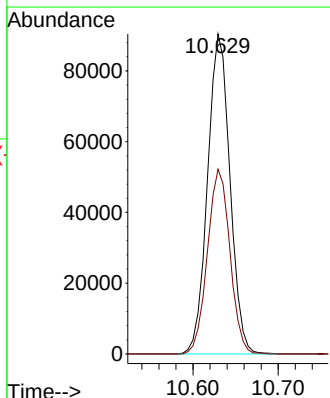
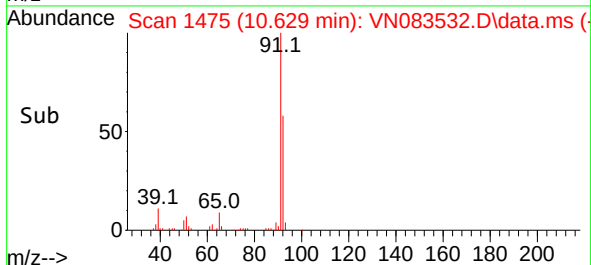
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

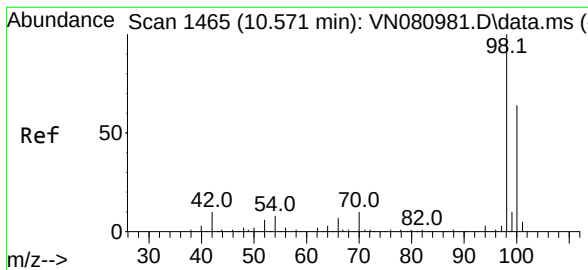


#62
Toluene
Concen: 18.525 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42



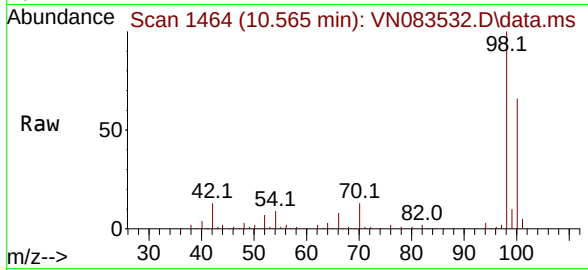
Tgt Ion: 91 Resp: 165090
Ion Ratio Lower Upper
91 100
92 57.9 46.5 69.7





#63
Toluene-d8
Concen: 29.604 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.006 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

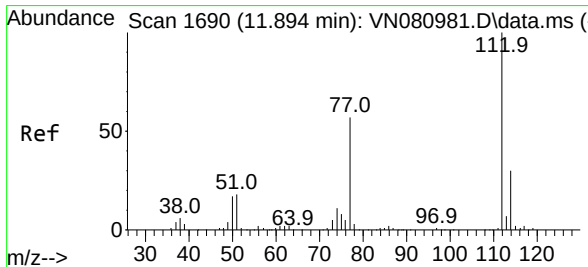
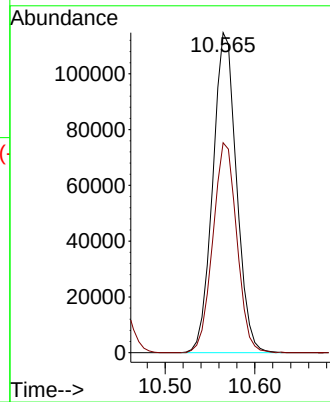
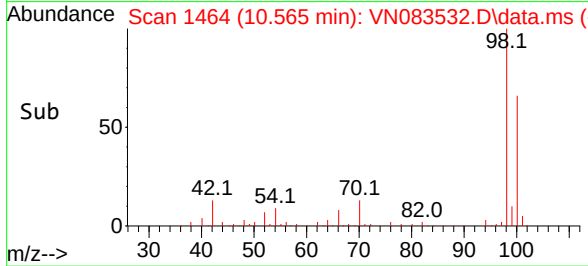
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



Tgt Ion: 98 Resp: 210559
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1

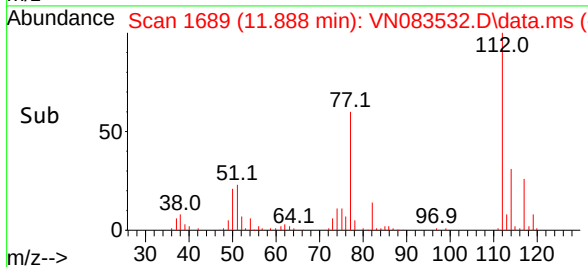
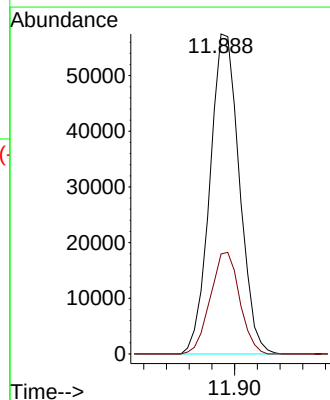
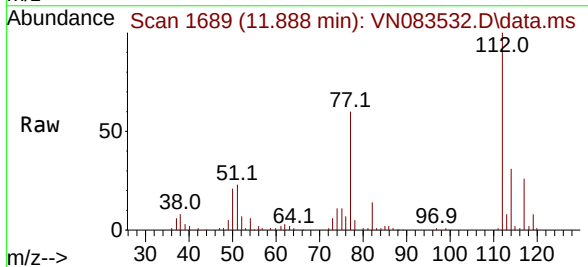
Manual Integrations
APPROVED

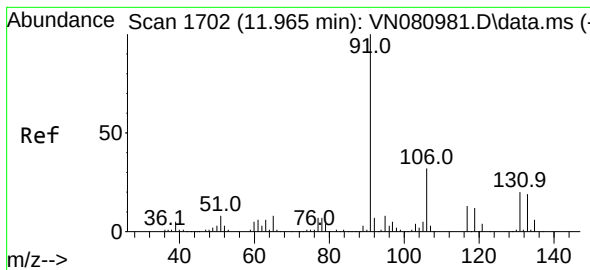
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#64
Chlorobenzene
Concen: 18.767 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

Tgt Ion:112 Resp: 103611
Ion Ratio Lower Upper
112 100
114 31.2 26.6 39.8





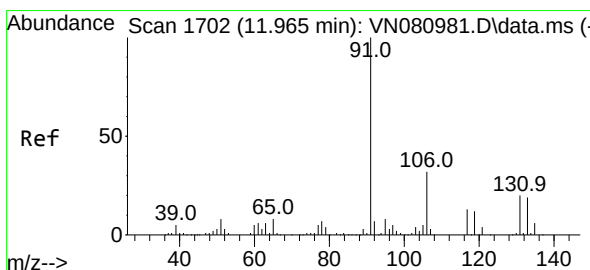
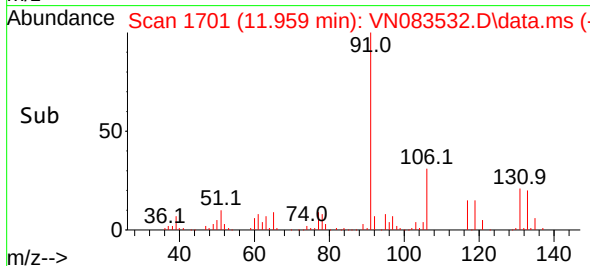
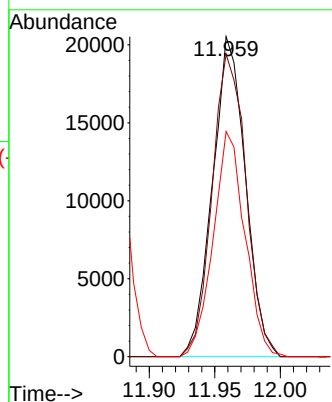
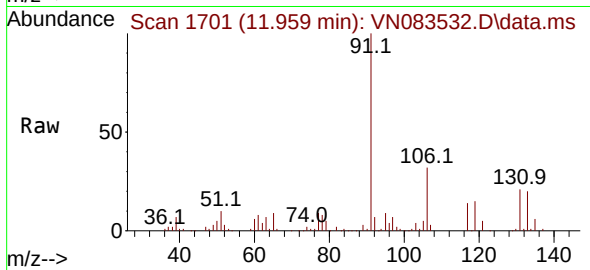
#65
1,1,1,2-Tetrachloroethane
Concen: 18.194 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

Tgt Ion:131 Resp: 3575
Ion Ratio Lower Upper
131 100
133 97.6 0.0 188.0
119 68.0 0.0 122.8

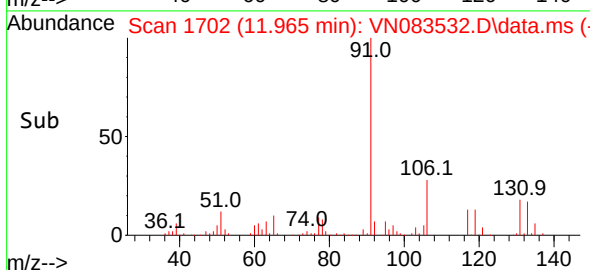
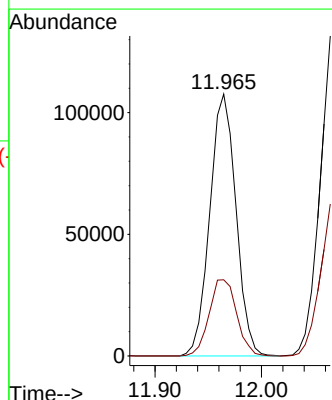
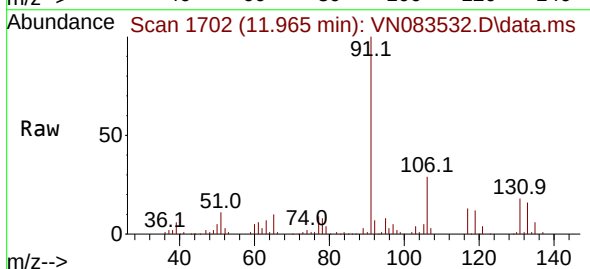
Manual Integrations
APPROVED

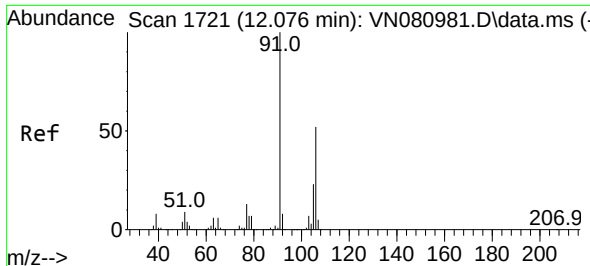
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#66
Ethyl Benzene
Concen: 18.282 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

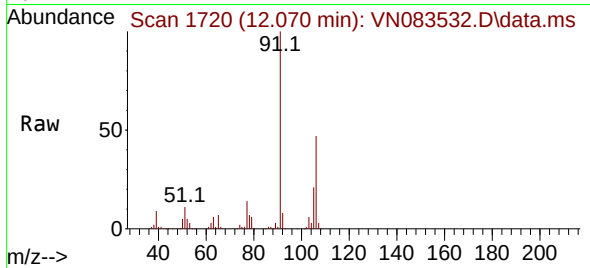
Tgt Ion: 91 Resp: 183799
Ion Ratio Lower Upper
91 100
106 29.1 24.4 36.6





#67
m/p-Xylenes
Concen: 37.170 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

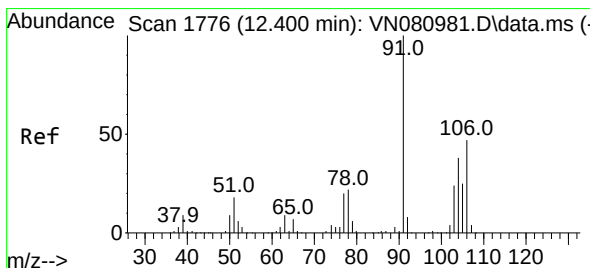
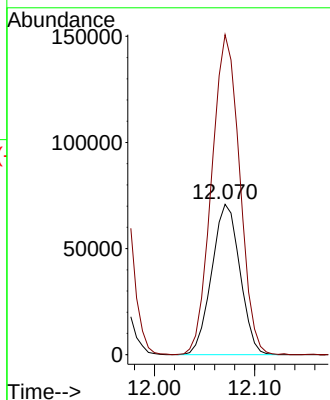
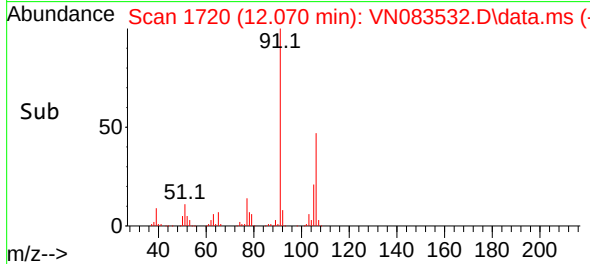
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



Tgt Ion:106 Resp: 13850
Ion Ratio Lower Upper
106 100
91 211.4 166.6 249.8

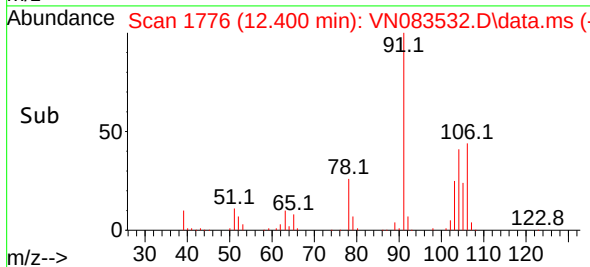
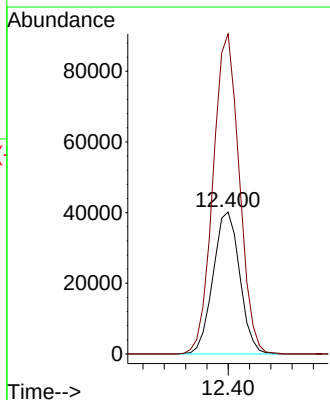
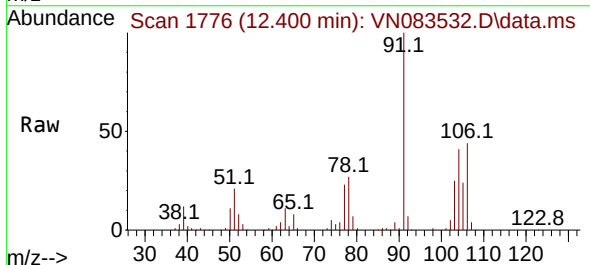
Manual Integrations
APPROVED

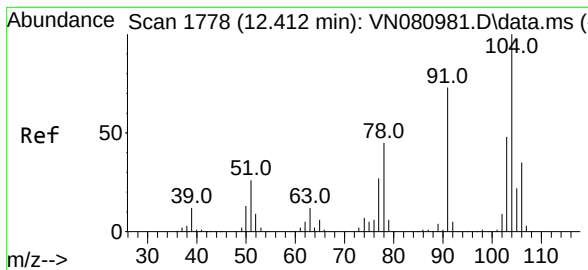
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#68
o-Xylene
Concen: 19.096 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

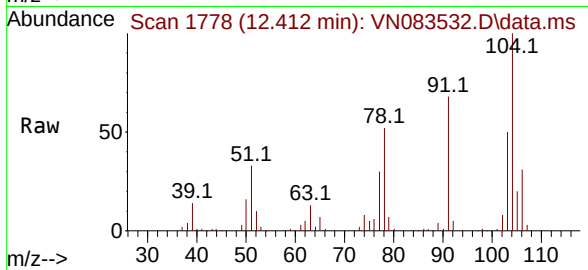
Tgt Ion:106 Resp: 69875
Ion Ratio Lower Upper
106 100
91 221.4 110.0 330.0





#69
Styrene
Concen: 18.285 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

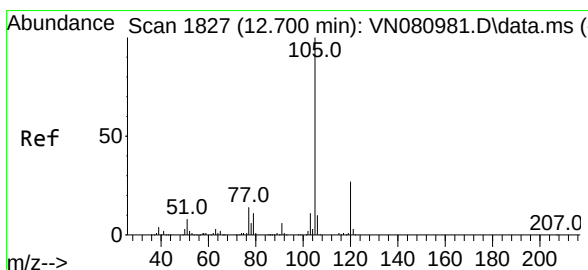
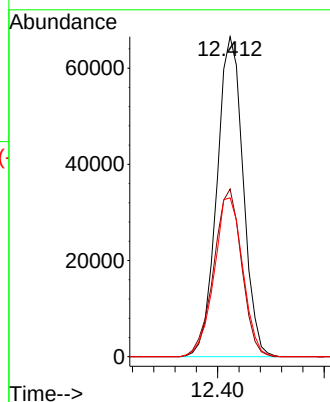
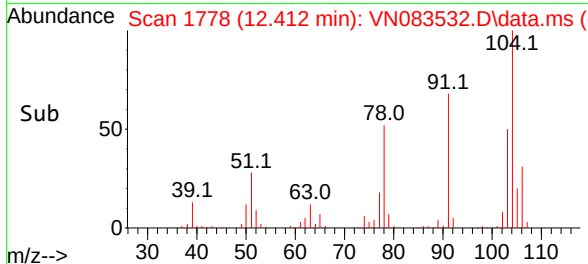
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



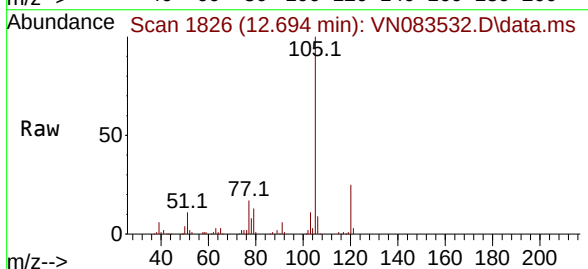
Tgt Ion:104 Resp: 113914
Ion Ratio Lower Upper
104 100
78 55.4 42.6 64.0
103 54.3 43.7 65.5

Manual Integrations
APPROVED

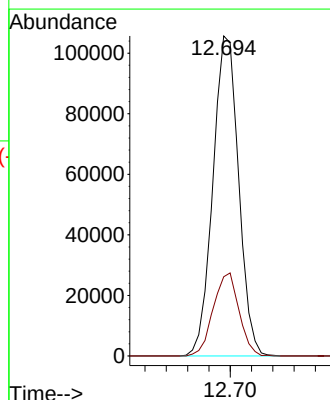
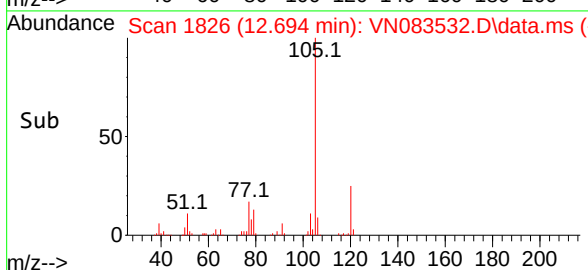
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024

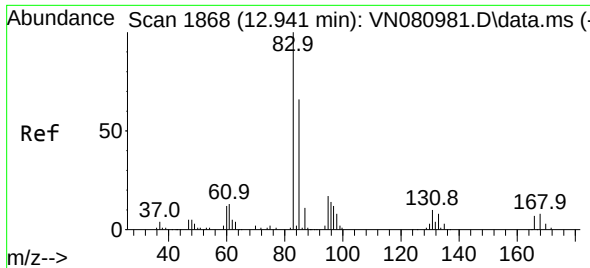


#70
Isopropylbenzene
Concen: 18.319 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42



Tgt Ion:105 Resp: 177059
Ion Ratio Lower Upper
105 100
120 25.9 17.8 33.1





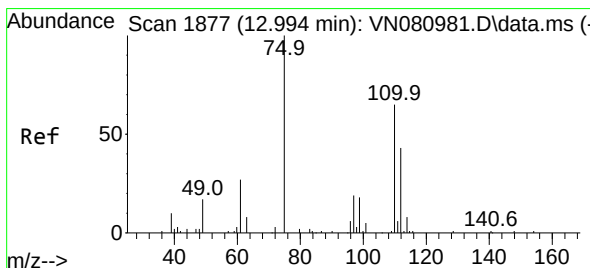
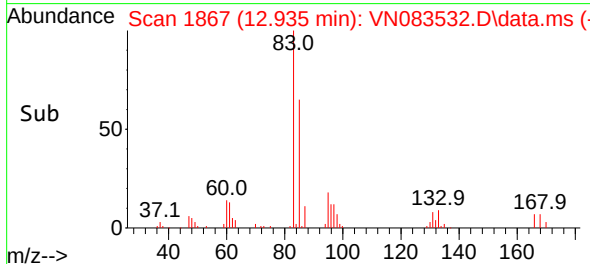
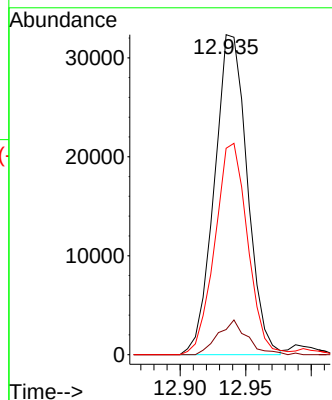
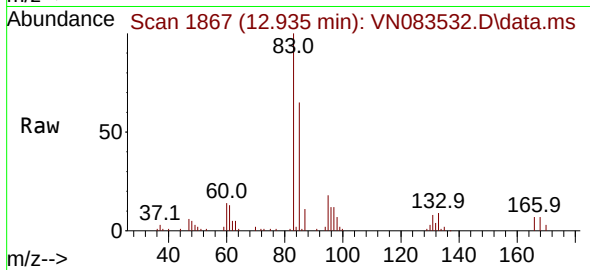
#71
1,1,2,2-Tetrachloroethane
Concen: 19.966 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

Tgt Ion: 83 Resp: 56369
Ion Ratio Lower Upper
83 100
131 9.6 5.2 15.6
85 65.7 32.3 96.8

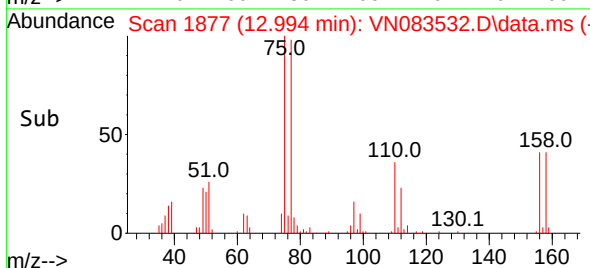
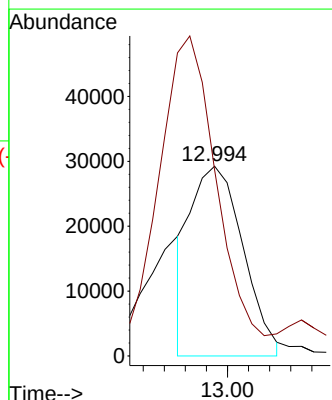
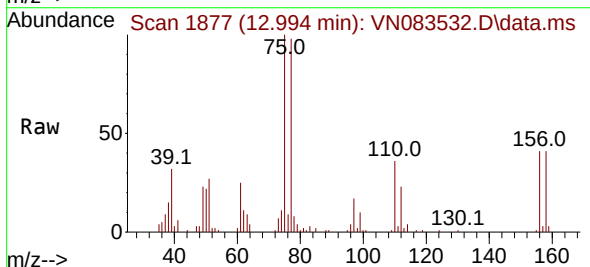
Manual Integrations
APPROVED

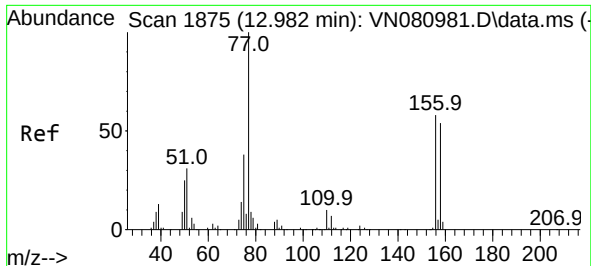
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#72
1,2,3-Trichloropropane
Concen: 20.704 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

Tgt Ion: 75 Resp: 50472
Ion Ratio Lower Upper
75 100
77 190.5 0.0 367.6





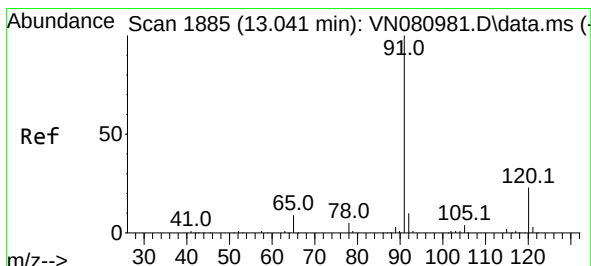
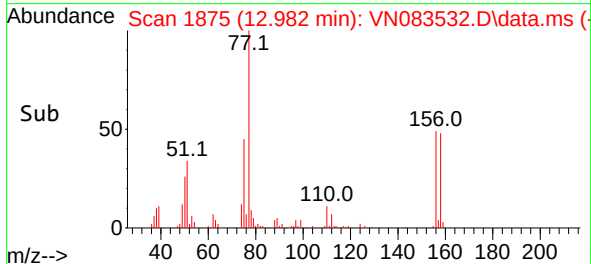
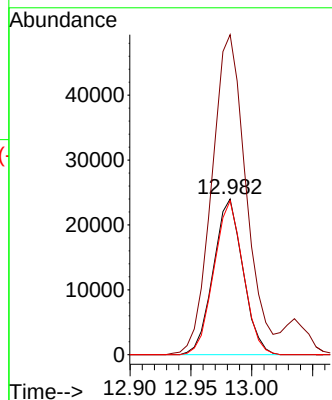
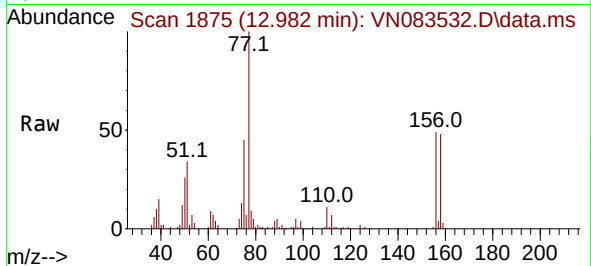
#73
Bromobenzene
Concen: 18.565 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

Tgt Ion:156 Resp: 4061
Ion Ratio Lower Upper
156 100
77 236.7 0.0 437.6
158 97.3 0.0 203.8

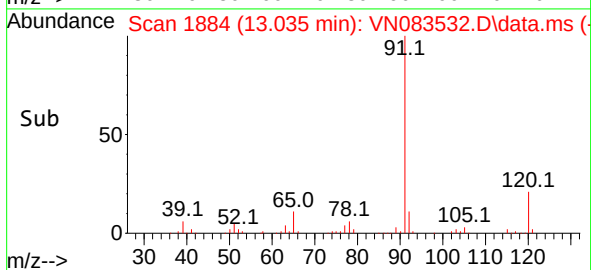
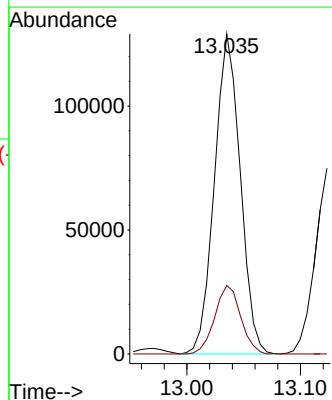
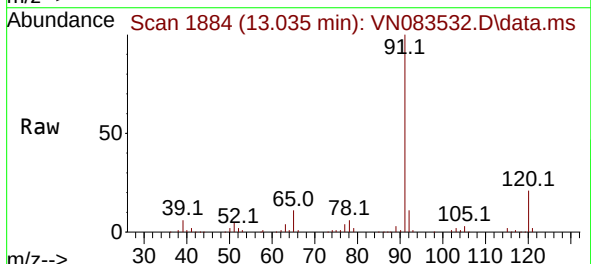
Manual Integrations
APPROVED

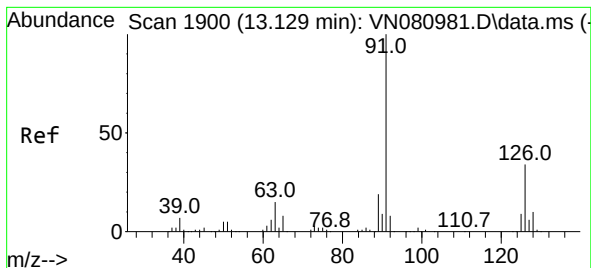
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#74
n-propylbenzene
Concen: 18.155 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

Tgt Ion: 91 Resp: 203307
Ion Ratio Lower Upper
91 100
120 21.5 0.0 43.8





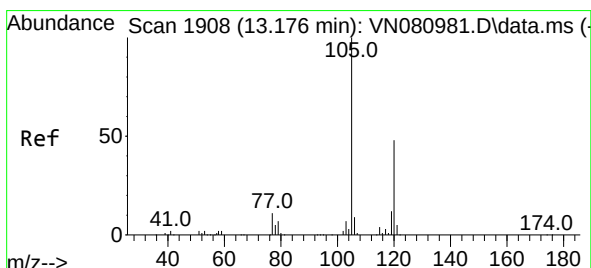
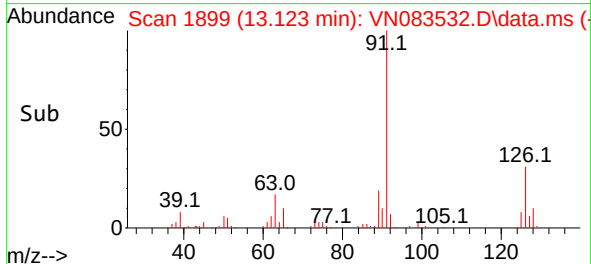
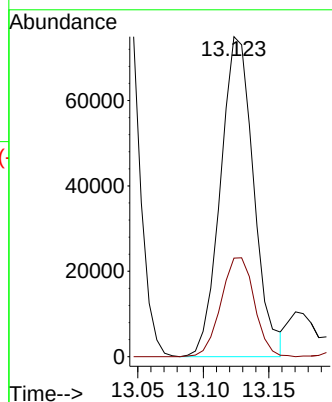
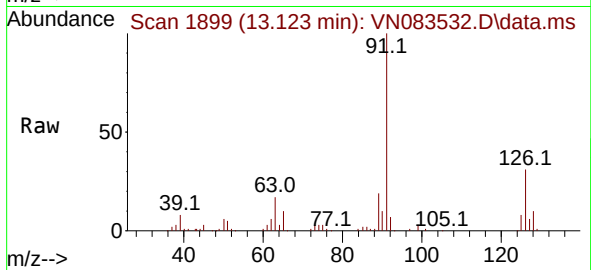
#75
2-Chlorotoluene
Concen: 18.437 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

Tgt Ion: 91 Resp: 13214
Ion Ratio Lower Upper
91 100
126 30.9 0.0 61.2

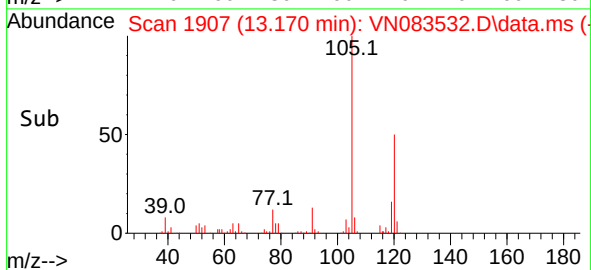
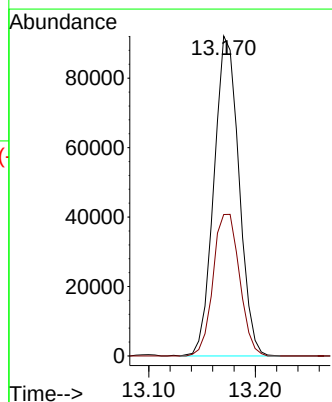
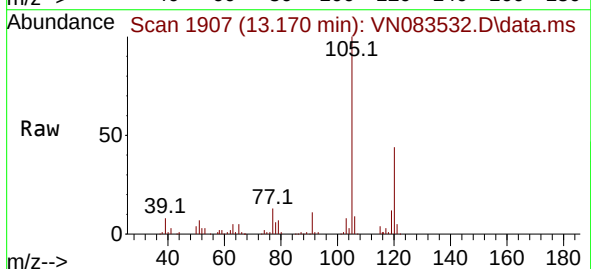
Manual Integrations
APPROVED

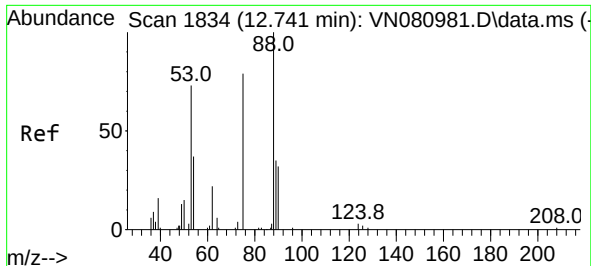
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#76
1,3,5-Trimethylbenzene
Concen: 18.619 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

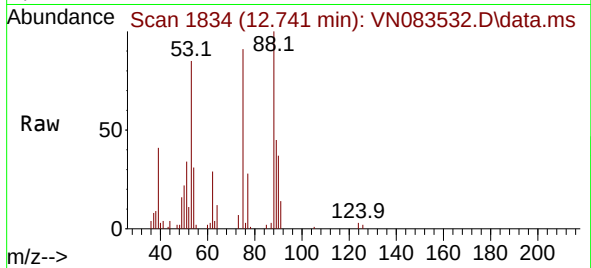
Tgt Ion:105 Resp: 150232
Ion Ratio Lower Upper
105 100
120 46.7 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.029 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

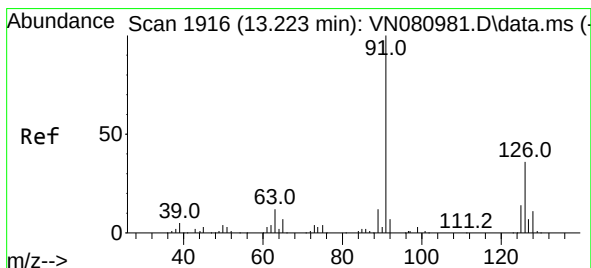
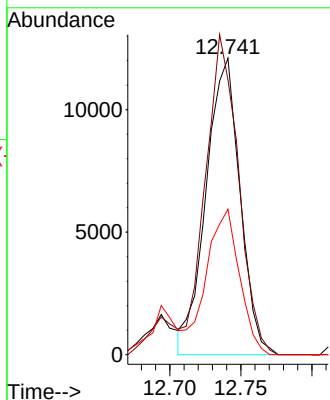
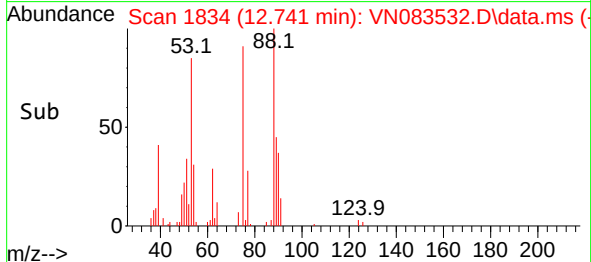
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	92.8	45.9	137.7
89	49.0	25.9	77.7

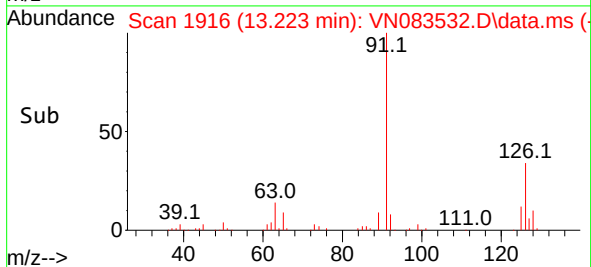
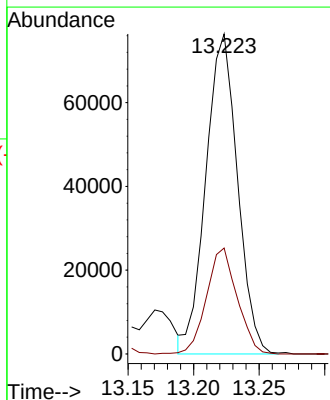
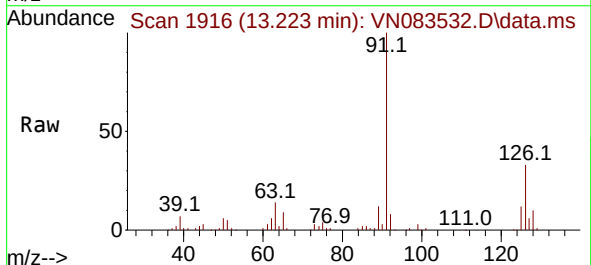
Manual Integrations
APPROVED

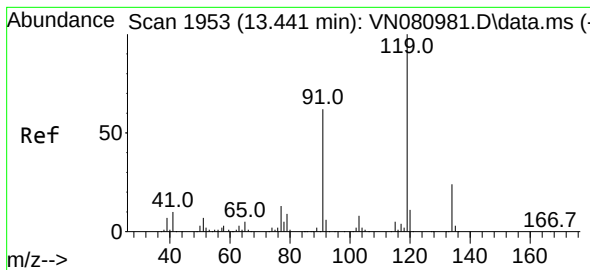
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#78
4-Chlorotoluene
Concen: 18.020 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	0.0	62.8





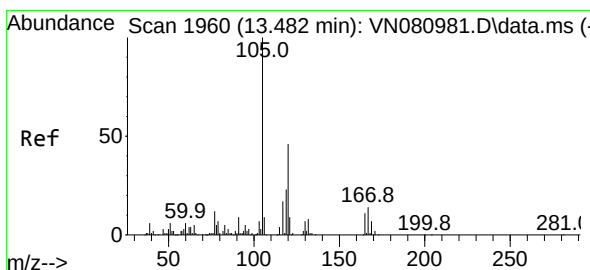
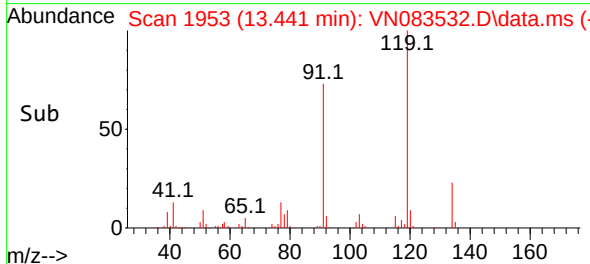
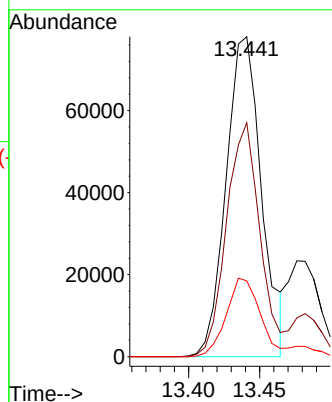
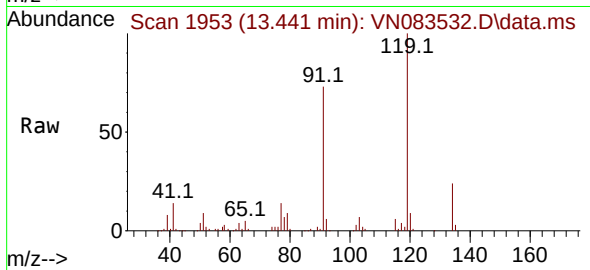
#79
tert-butylbenzene
Concen: 18.724 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01

Tgt Ion:119 Resp: 135304
Ion Ratio Lower Upper
119 100
91 68.7 0.0 138.8
134 23.3 0.0 48.6

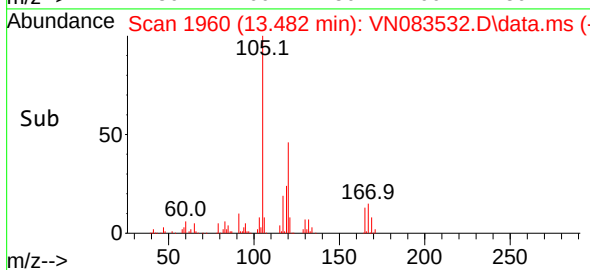
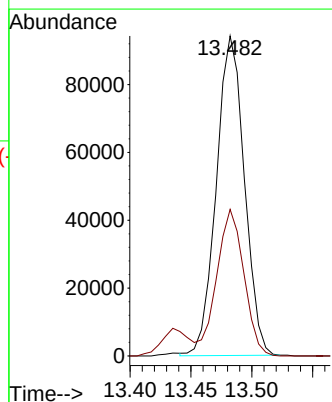
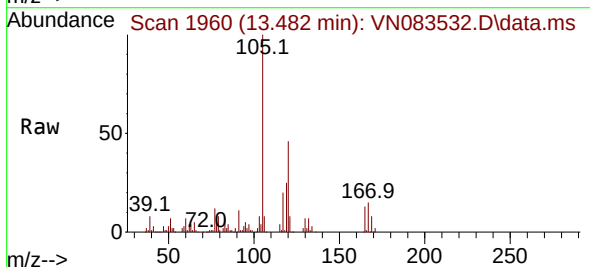
Manual Integrations
APPROVED

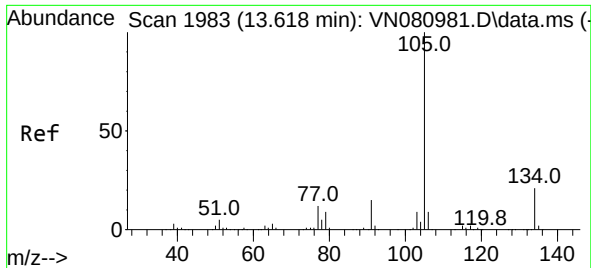
Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#80
1,2,4-Trimethylbenzene
Concen: 18.382 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

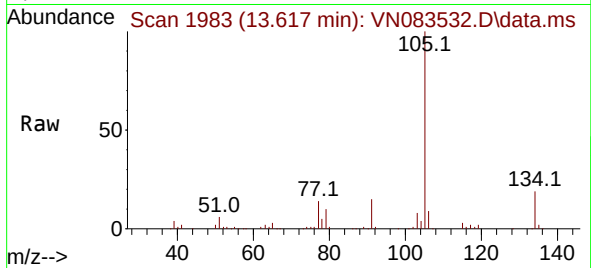
Tgt Ion:105 Resp: 151199
Ion Ratio Lower Upper
105 100
120 44.5 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 18.312 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN083532.D
 Acq: 28 Aug 2024 13:42

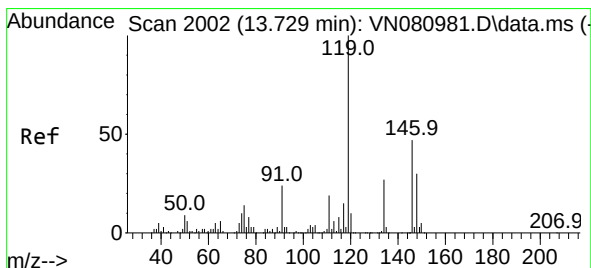
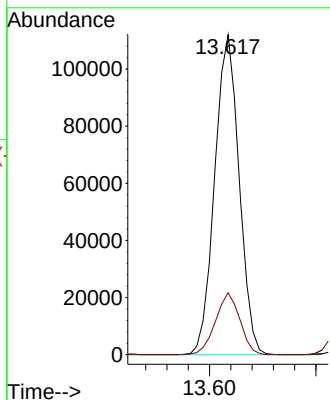
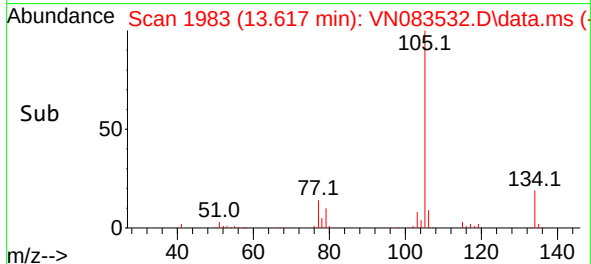
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0828WBSD01



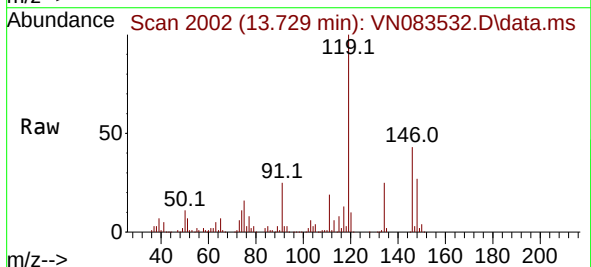
Tgt Ion:105 Resp: 178140
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.0

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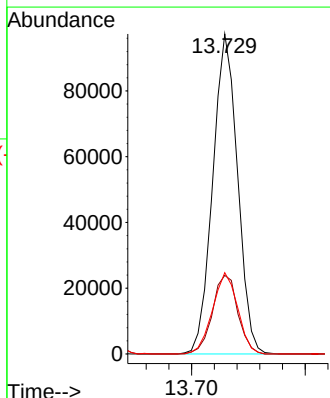
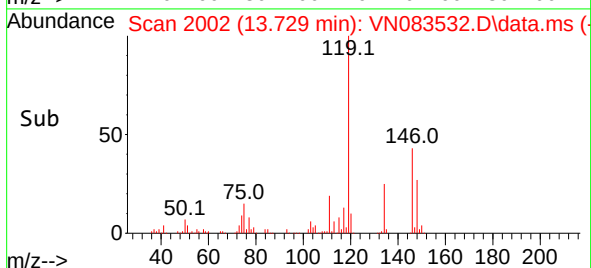
Reviewed By :John Carlone 08/29/2024
 Supervised By :Mahesh Dadoda 08/29/2024

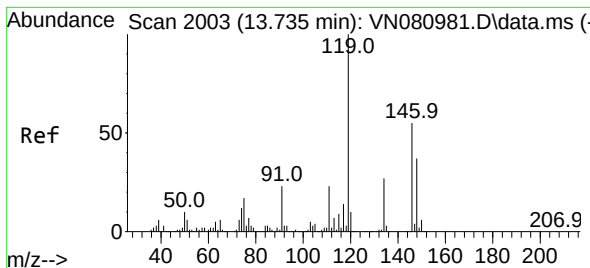


#82
 p-Isopropyltoluene
 Concen: 17.922 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN083532.D
 Acq: 28 Aug 2024 13:42



Tgt Ion:119 Resp: 147607
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 49.2
 91 25.8 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 17.917 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN083532.D

Acq: 28 Aug 2024 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD01

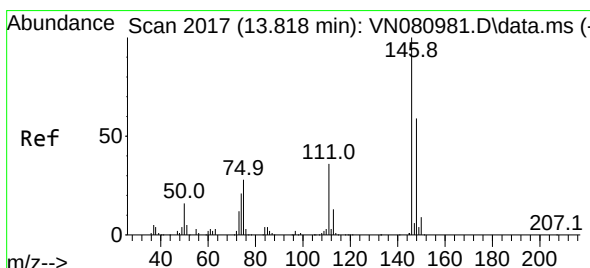
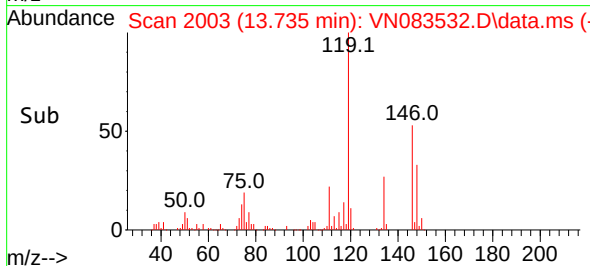
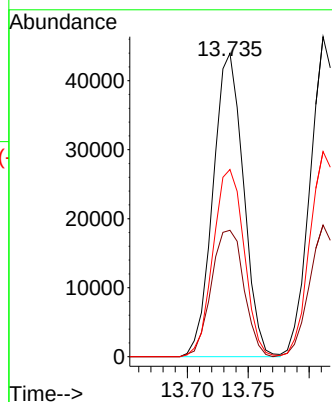
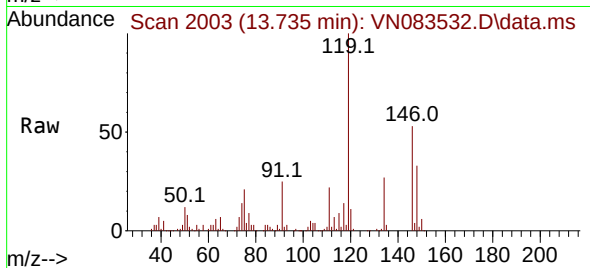
Tgt Ion:	146	Resp:	7656
Ion Ratio	Lower	Upper	
146	100		
111	44.5	22.4	67.0
148	62.8	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#84

1,4-Dichlorobenzene

Concen: 17.644 ug/l

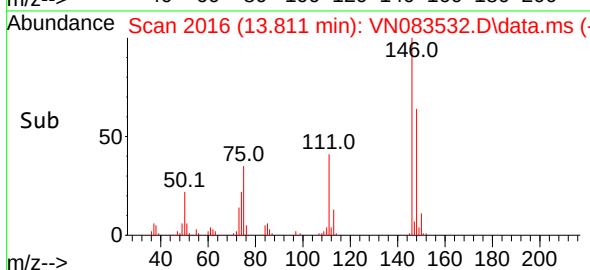
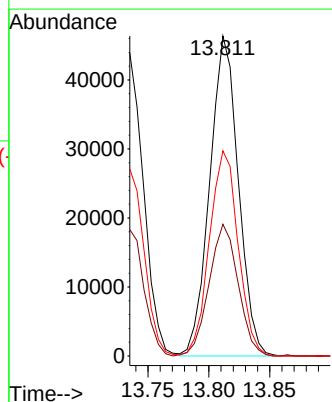
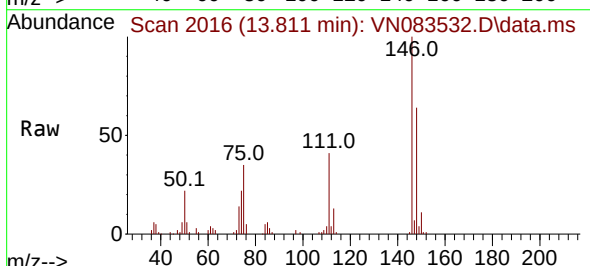
RT: 13.811 min Scan# 2016

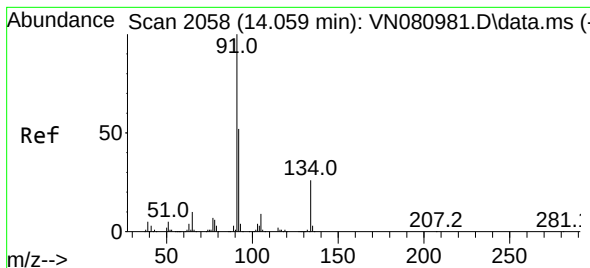
Delta R.T. -0.006 min

Lab File: VN083532.D

Acq: 28 Aug 2024 13:42

Tgt Ion:	146	Resp:	75727
Ion Ratio	Lower	Upper	
146	100		
111	41.8	21.3	63.9
148	64.4	31.9	95.5





#85

n-Butylbenzene

Concen: 16.972 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN083532.D

Acq: 28 Aug 2024 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD01

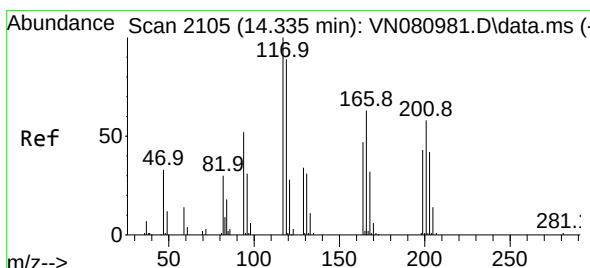
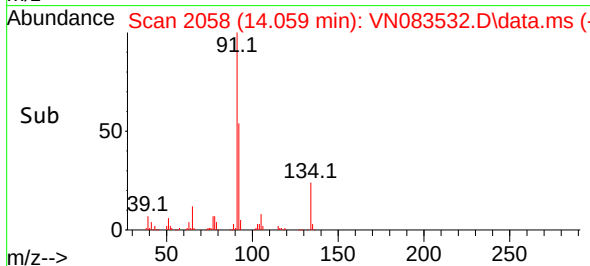
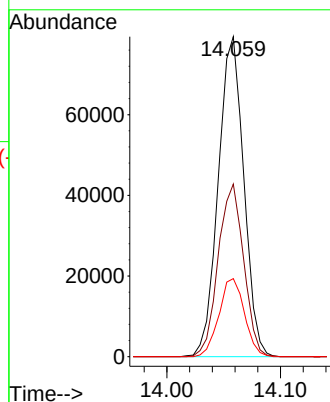
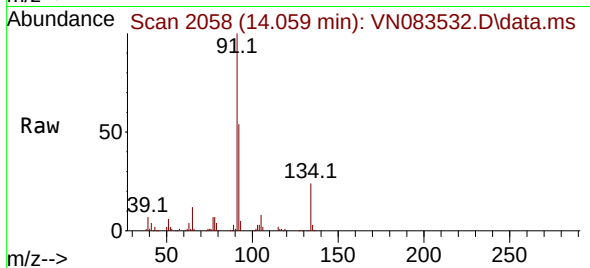
Tgt Ion: 91 Resp: 12388
 Ion Ratio Lower Upper
 91 100
 92 53.9 0.0 105.0
 134 24.4 0.0 51.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#86

Hexachloroethane

Concen: 18.046 ug/l

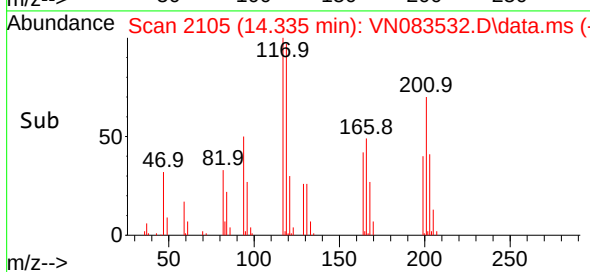
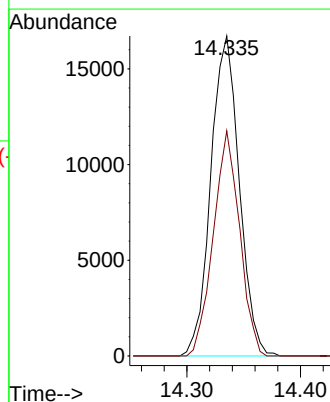
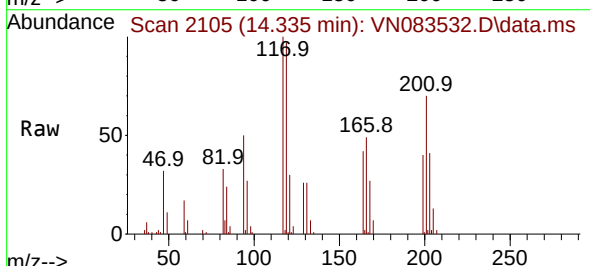
RT: 14.335 min Scan# 2105

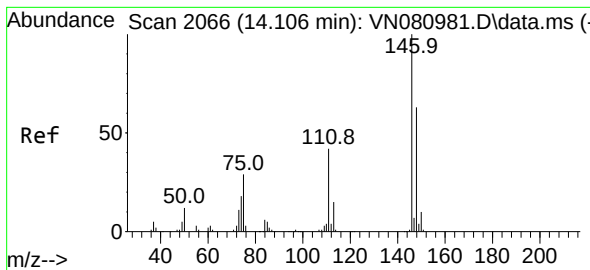
Delta R.T. -0.000 min

Lab File: VN083532.D

Acq: 28 Aug 2024 13:42

Tgt Ion:117 Resp: 29109
 Ion Ratio Lower Upper
 117 100
 201 65.0 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 18.295 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN083532.D

Acq: 28 Aug 2024 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD01

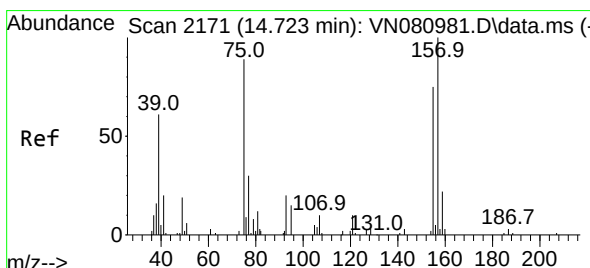
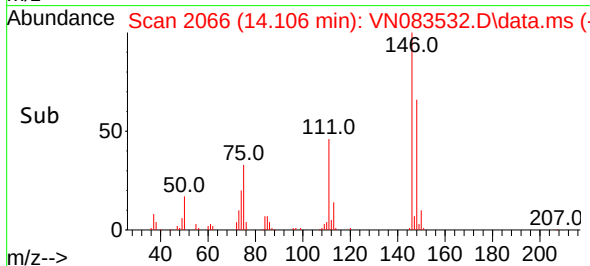
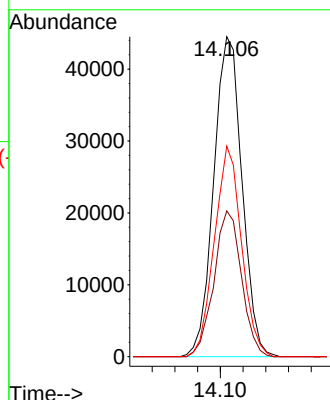
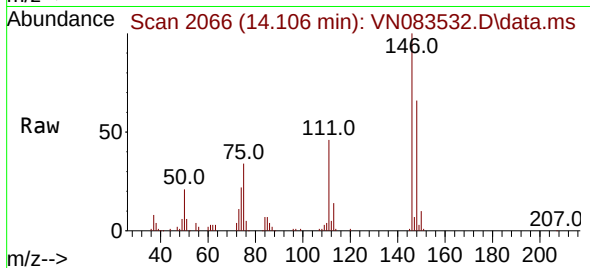
Tgt Ion:	146	Resp:	7695
Ion Ratio	Lower	Upper	
146	100		
111	44.4	22.6	67.8
148	63.0	31.3	93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.158 ug/l

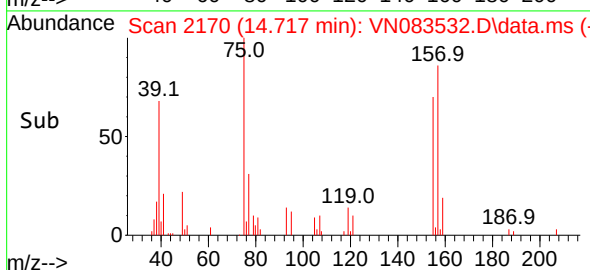
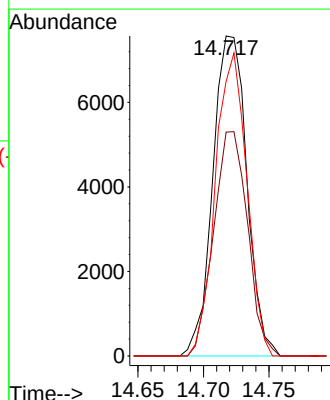
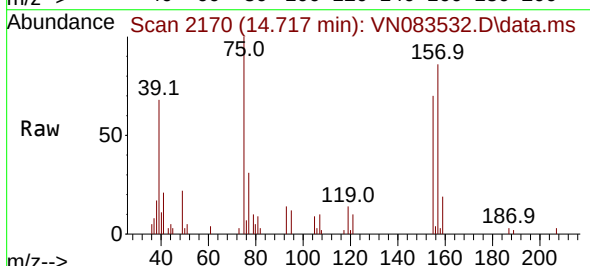
RT: 14.717 min Scan# 2170

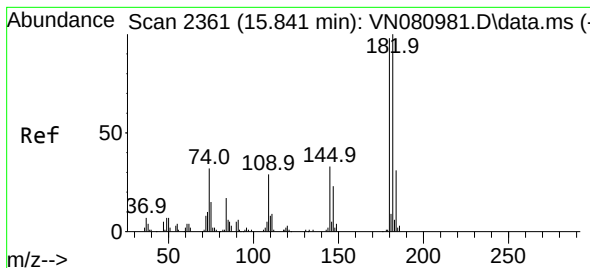
Delta R.T. -0.006 min

Lab File: VN083532.D

Acq: 28 Aug 2024 13:42

Tgt Ion:	75	Resp:	13658
Ion Ratio	Lower	Upper	
75	100		
155	69.9	61.7	92.5
157	87.5	83.6	125.4





#89

1,2,4-Trichlorobenzene

Concen: 17.198 ug/l

RT: 15.835 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN083532.D

Acq: 28 Aug 2024 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN0828WBSD01

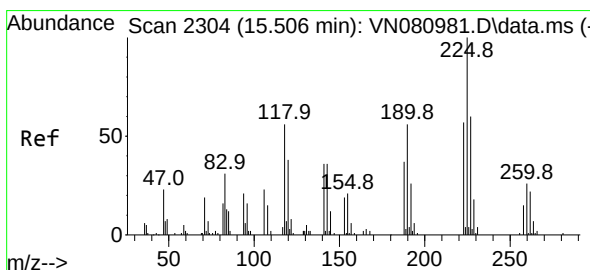
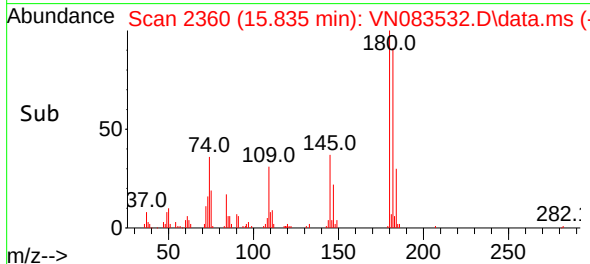
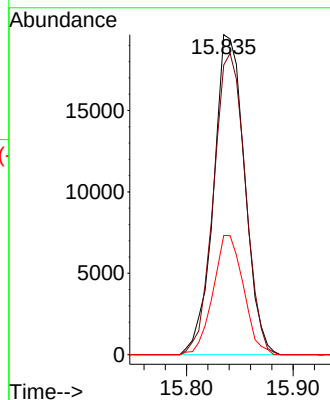
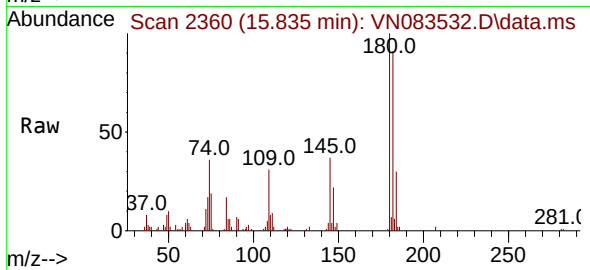
Tgt Ion:	180	Resp:	3966
Ion Ratio	Lower	Upper	
180	100		
182	96.0	76.4	114.6
145	36.5	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2024

Supervised By :Mahesh Dadoda 08/29/2024



#90

Hexachlorobutadiene

Concen: 17.856 ug/l

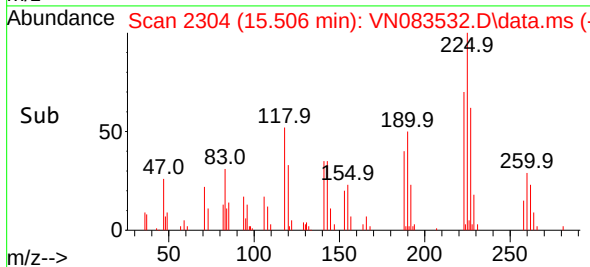
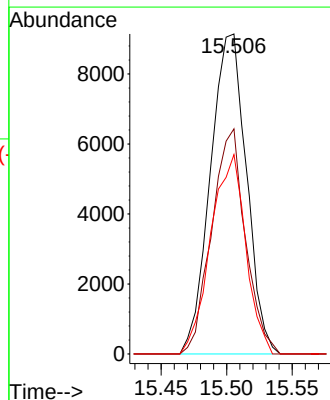
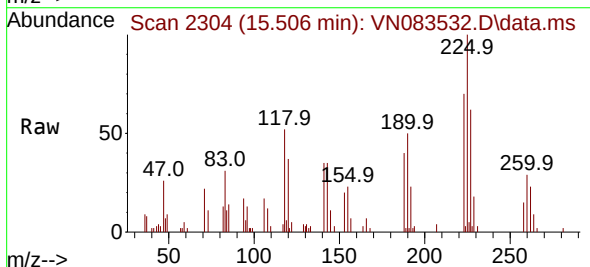
RT: 15.506 min Scan# 2304

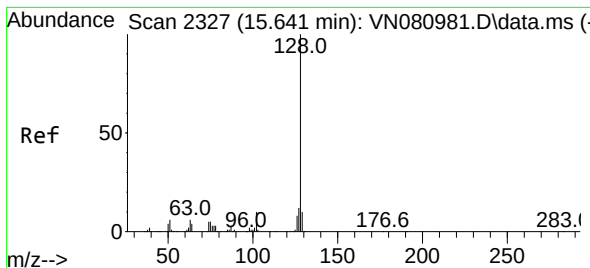
Delta R.T. -0.000 min

Lab File: VN083532.D

Acq: 28 Aug 2024 13:42

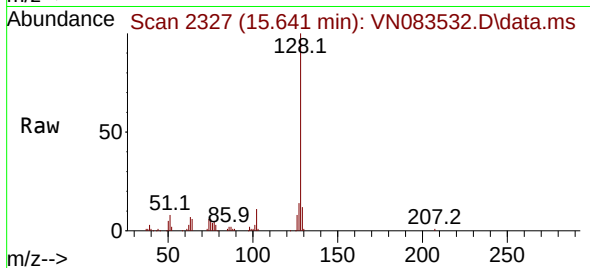
Tgt Ion:	225	Resp:	17496
Ion Ratio	Lower	Upper	
225	100		
223	65.9	0.0	126.6
227	60.3	0.0	126.6





#91
Naphthalene
Concen: 17.629 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

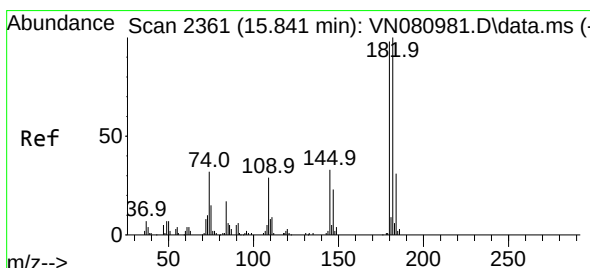
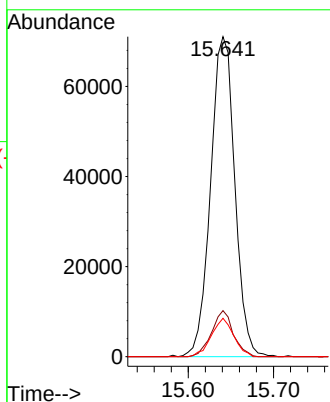
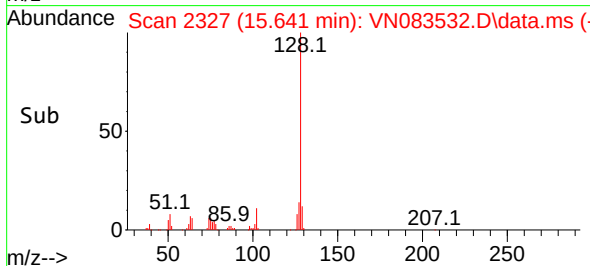
Instrument :
MSVOA_N
ClientSampleId :
VN0828WBSD01



Tgt Ion:128 Resp: 140520
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.1 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 08/29/2024
Supervised By :Mahesh Dadoda 08/29/2024



#92
1,2,3-Trichlorobenzene
Concen: 17.198 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN083532.D
Acq: 28 Aug 2024 13:42

Tgt Ion:180 Resp: 39661
Ion Ratio Lower Upper
180 100
182 96.0 0.0 191.0
145 36.5 0.0 71.0

