

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080562.D
 Acq On : 20 Dec 2023 22:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 21 02:53:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/21/2023
 Supervised By : Mahesh Dadoda 12/21/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	300357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	489746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	425551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	212594	55.417	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.840%			
35) Dibromofluoromethane	8.165	113	172166	55.445	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.880%			
50) Toluene-d8	10.565	98	613475	52.974	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.940%			
62) 4-Bromofluorobenzene	12.847	95	227600	51.757	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	183687	47.856	ug/l	99
3) Chloromethane	2.359	50	185251	45.622	ug/l	99
4) Vinyl Chloride	2.512	62	158336	48.303	ug/l	98
5) Bromomethane	2.953	94	73465	49.710	ug/l	96
6) Chloroethane	3.118	64	99085	47.041	ug/l	99
7) Trichlorofluoromethane	3.494	101	316152	47.552	ug/l	96
8) Diethyl Ether	3.953	74	109419	52.250	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	158696	50.360	ug/l	96
10) Methyl Iodide	4.589	142	125189	45.165	ug/l	92
11) Tert butyl alcohol	5.506	59	124990	276.646	ug/l	99
12) 1,1-Dichloroethene	4.341	96	158601	49.119	ug/l	91
13) Acrolein	4.177	56	160094	323.561	ug/l	98
14) Allyl chloride	5.024	41	209450	52.429	ug/l	99
15) Acrylonitrile	5.718	53	373752	292.772	ug/l	99
16) Acetone	4.424	43	249669	367.047	ug/l	98
17) Carbon Disulfide	4.712	76	412545	45.083	ug/l	98
18) Methyl Acetate	5.024	43	281598	64.339	ug/l	95
19) Methyl tert-butyl Ether	5.788	73	594814	55.215	ug/l	99
20) Methylene Chloride	5.277	84	185597	50.985	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	174540	49.853	ug/l #	77
22) Diisopropyl ether	6.671	45	485502	56.308	ug/l	92
23) Vinyl Acetate	6.600	43	1297870	262.084	ug/l	95
24) 1,1-Dichloroethane	6.571	63	322525	53.614	ug/l	98
25) 2-Butanone	7.482	43	431588	329.364	ug/l	89
26) 2,2-Dichloropropane	7.488	77	293488	47.711	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	212441	53.606	ug/l	92
28) Bromochloromethane	7.812	49	135697	58.750	ug/l	96
29) Tetrahydrofuran	7.835	42	288143	307.080	ug/l	89
30) Chloroform	7.965	83	357984	53.610	ug/l	95
31) Cyclohexane	8.259	56	240567	46.113	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	331937	50.770	ug/l	95
36) 1,1-Dichloropropene	8.371	75	255357	50.295	ug/l	96
37) Ethyl Acetate	7.559	43	178857	56.256	ug/l	98
38) Carbon Tetrachloride	8.359	117	289700	47.753	ug/l	94
39) Methylcyclohexane	9.600	83	247073	46.844	ug/l	90
40) Benzene	8.606	78	762251	51.991	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	109091	59.518	ug/l	91
42) 1,2-Dichloroethane	8.671	62	275434	50.732	ug/l	100
43) Isopropyl Acetate	8.688	43	324948	56.843	ug/l	98
44) Trichloroethene	9.353	130	194429	49.192	ug/l	99
45) 1,2-Dichloropropane	9.623	63	185520	53.876	ug/l	95
46) Dibromomethane	9.712	93	128050	51.782	ug/l #	88
47) Bromodichloromethane	9.888	83	284354	53.653	ug/l	99
48) Methyl methacrylate	9.682	41	184102	53.967	ug/l	90
49) 1,4-Dioxane	9.694	88	53853	1041.498	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	910737	289.275	ug/l	100
52) Toluene	10.629	92	470217	50.769	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	293589	51.200	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	306166	49.954	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	184077	55.235	ug/l	98
56) Ethyl methacrylate	10.876	69	200139	54.243	ug/l #	91
57) 1,3-Dichloropropane	11.165	76	316729	54.215	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	640188	274.841	ug/l	96
59) 2-Hexanone	11.194	43	672536	289.356	ug/l	100
60) Dibromochloromethane	11.359	129	211882	53.654	ug/l	99
61) 1,2-Dibromoethane	11.470	107	186419	54.047	ug/l	99
64) Tetrachloroethene	11.106	164	163753	49.839	ug/l	98
65) Chlorobenzene	11.894	112	499113	52.724	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	194252	52.296	ug/l	95
67) Ethyl Benzene	11.965	91	885071	50.847	ug/l	99
68) m/p-Xylenes	12.070	106	658804	102.425	ug/l	91
69) o-Xylene	12.400	106	320781	50.988	ug/l	90
70) Styrene	12.412	104	486780	53.716	ug/l	95
71) Bromoform	12.582	173	137357	50.708	ug/l #	100
73) Isopropylbenzene	12.700	105	833815	52.785	ug/l	98
74) N-amyl acetate	12.494	43	265878	57.638	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	235719	55.688	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	215363m	54.900	ug/l	
77) Bromobenzene	12.982	156	202400	52.086	ug/l	98
78) n-propylbenzene	13.035	91	923033	52.997	ug/l	99
79) 2-Chlorotoluene	13.129	91	591533	52.023	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	707704	52.019	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	76508	51.207	ug/l	92
82) 4-Chlorotoluene	13.223	91	590280	50.506	ug/l	97
83) tert-Butylbenzene	13.441	119	570421	51.197	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	706619	52.209	ug/l	99
85) sec-Butylbenzene	13.617	105	739400	51.878	ug/l	100
86) p-Isopropyltoluene	13.729	119	664306	51.620	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	344354	50.296	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	343487	49.701	ug/l	98
89) n-Butylbenzene	14.059	91	551335	51.301	ug/l	99
90) Hexachloroethane	14.335	117	102422	50.114	ug/l	72
91) 1,2-Dichlorobenzene	14.106	146	335365	51.584	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	48538	54.516	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	191224	52.976	ug/l	97
94) Hexachlorobutadiene	15.500	225	93364	45.433	ug/l	99
95) Naphthalene	15.641	128	615383	56.143	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	184199	52.881	ug/l	96

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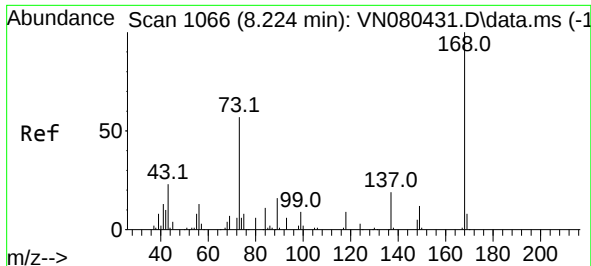
Manual Integrations
APPROVED

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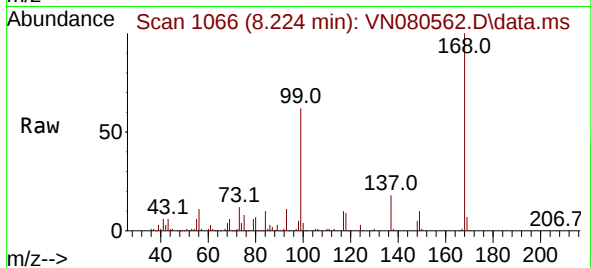
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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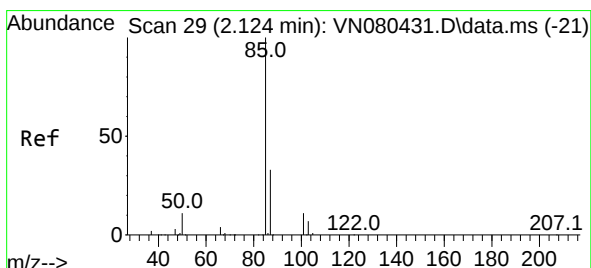
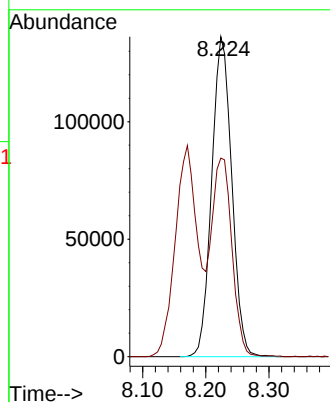
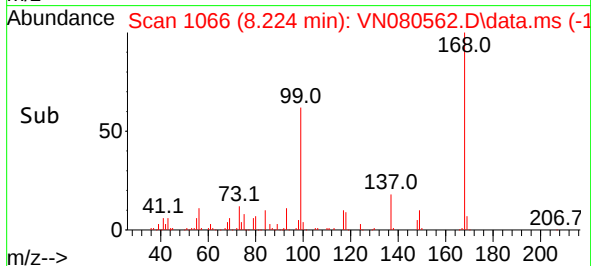
Instrument :
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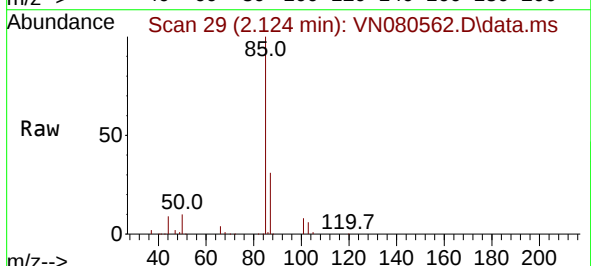
Tgt Ion:168 Resp: 30035
Ion Ratio Lower Upper
168 100
99 61.9 53.0 79.6

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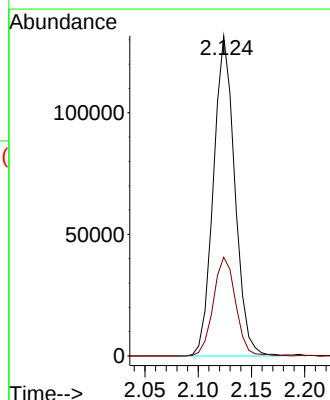
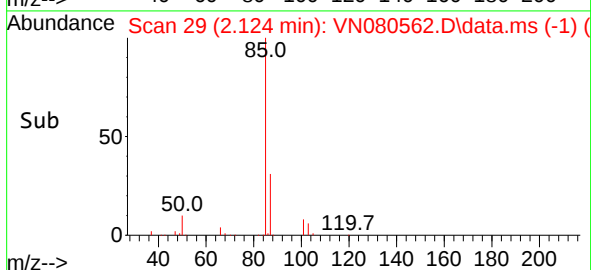
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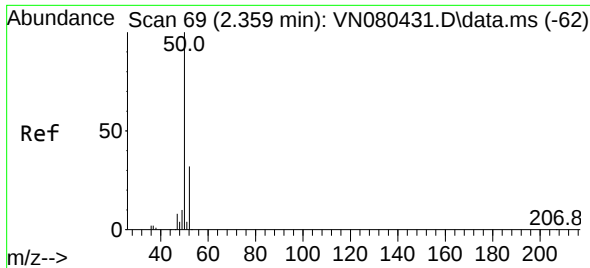


#2
Dichlorodifluoromethane
Concen: 47.856 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02



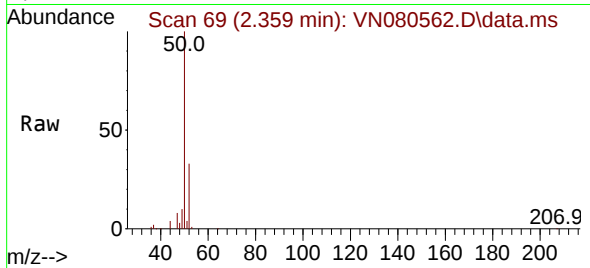
Tgt Ion: 85 Resp: 183687
Ion Ratio Lower Upper
85 100
87 30.8 15.8 47.4





#3
Chloromethane
Concen: 45.622 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

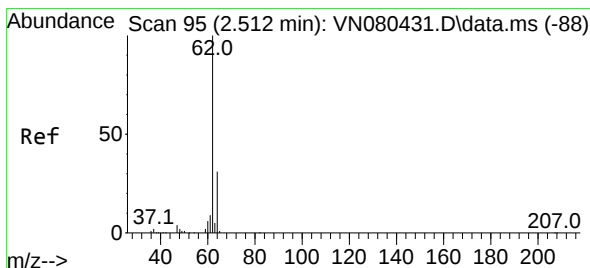
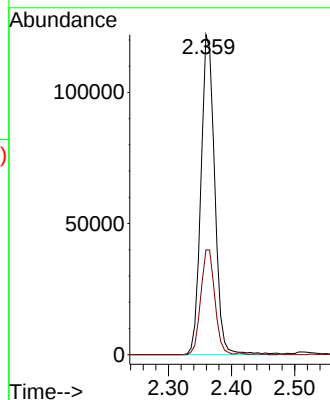
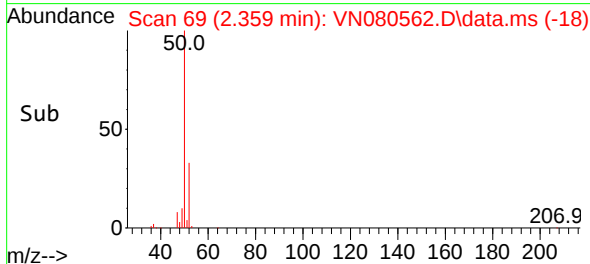
Instrument :
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Tgt Ion: 50 Resp: 18525
Ion Ratio Lower Upper
50 100
52 32.7 26.5 39.7

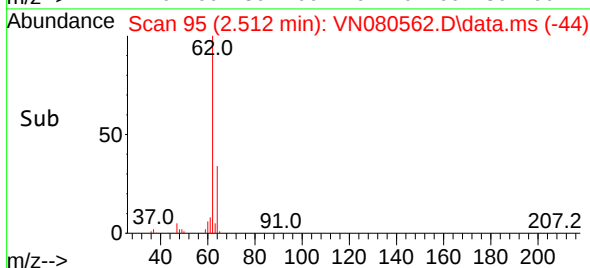
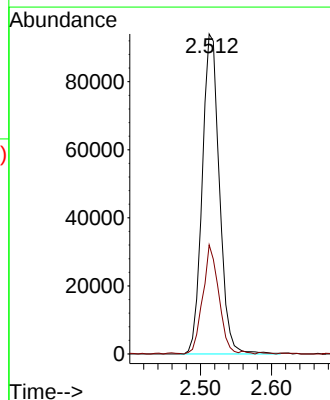
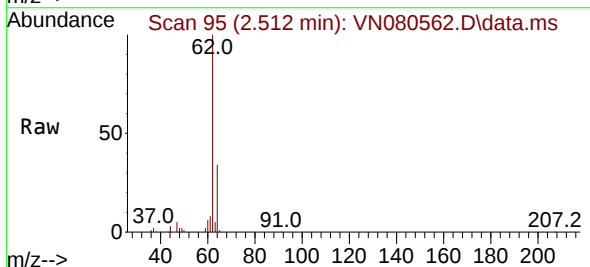
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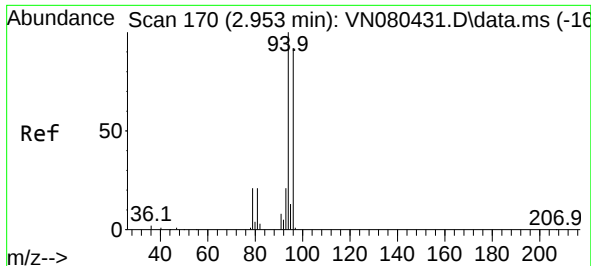
Reviewed By :John Carlone 12/21/2023
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#4
Vinyl Chloride
Concen: 48.303 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

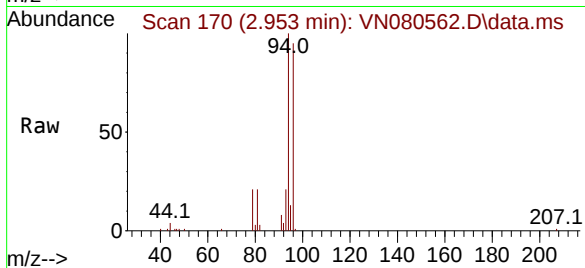
Tgt Ion: 62 Resp: 158336
Ion Ratio Lower Upper
62 100
64 33.9 26.2 39.2





#5
Bromomethane
Concen: 49.710 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

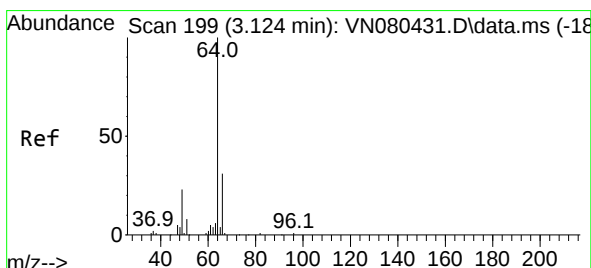
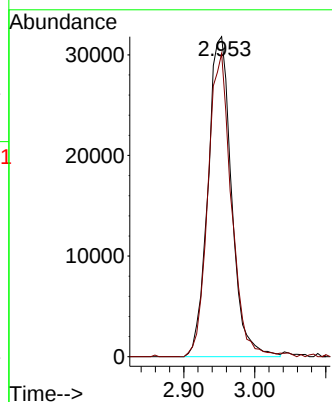
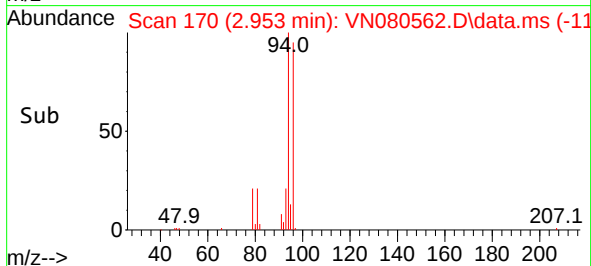
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Tgt Ion: 94 Resp: 7346
Ion Ratio Lower Upper
94 100
96 94.7 73.1 109.7

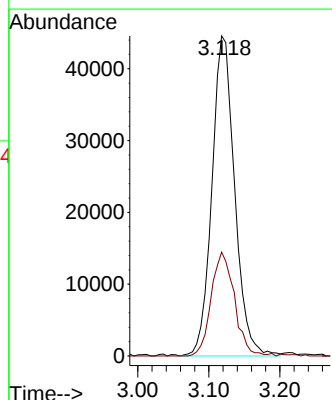
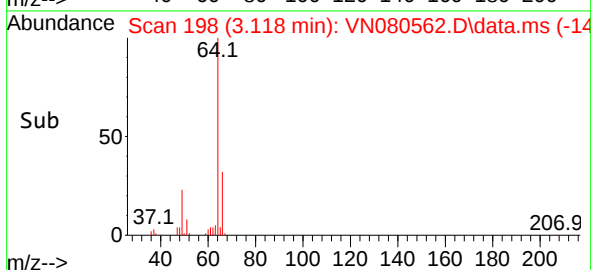
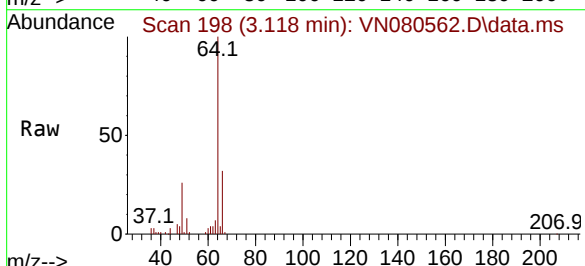
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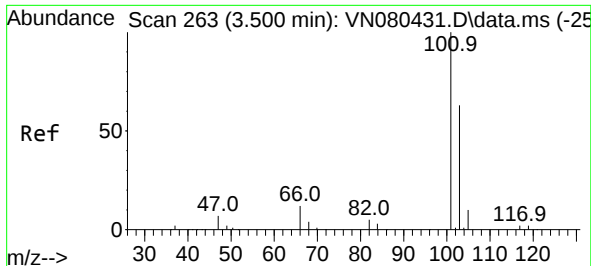
Reviewed By :John Carlone 12/21/2023
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#6
Chloroethane
Concen: 47.041 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

Tgt Ion: 64 Resp: 99085
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.2





#7
Trichlorofluoromethane
Concen: 47.552 ug/l
RT: 3.494 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

Instrument :

MSVOA_N

ClientSampleId :

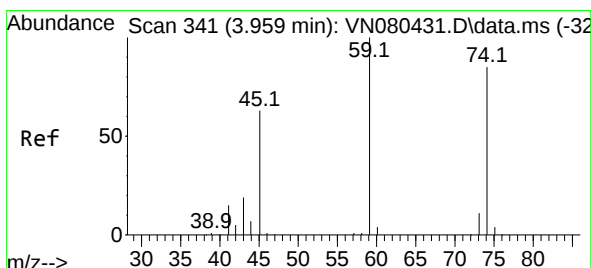
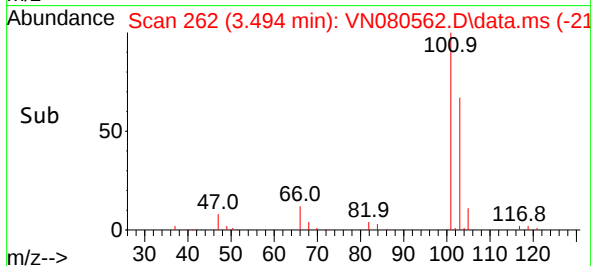
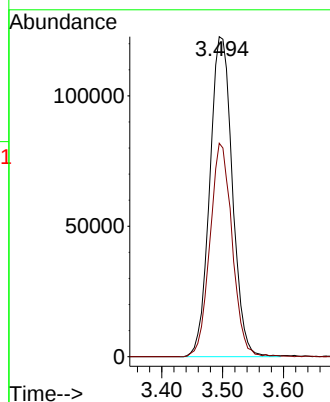
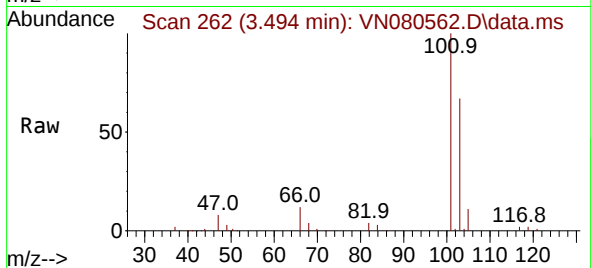
VSTDCCC050EC

Tgt Ion:101 Resp: 31615
Ion Ratio Lower Upper
101 100
103 66.7 50.7 76.1

Manual Integrations

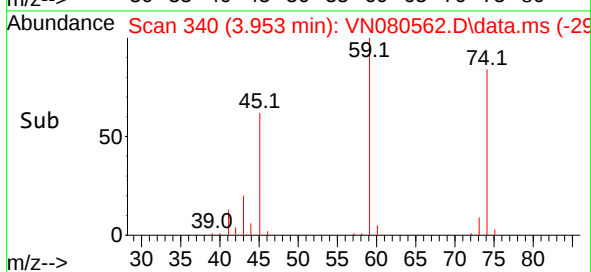
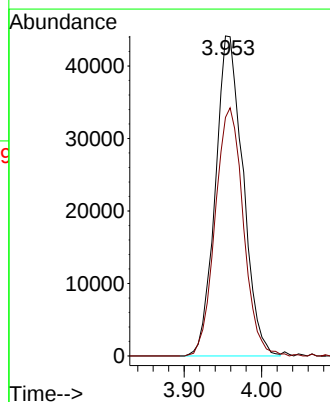
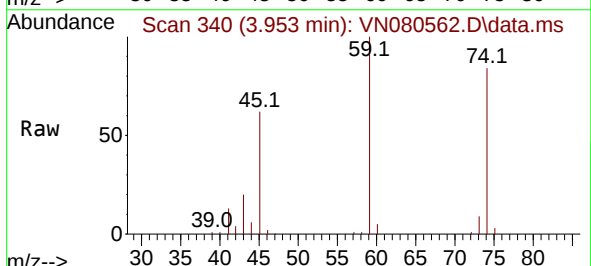
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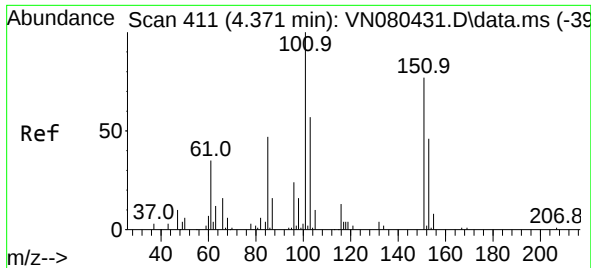
Reviewed By :John Carlone 12/21/2023
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#8
Diethyl Ether
Concen: 52.250 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080562.D
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Tgt Ion: 74 Resp: 109419
Ion Ratio Lower Upper
74 100
45 79.0 34.4 103.3





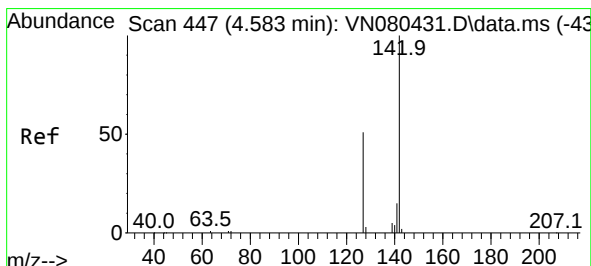
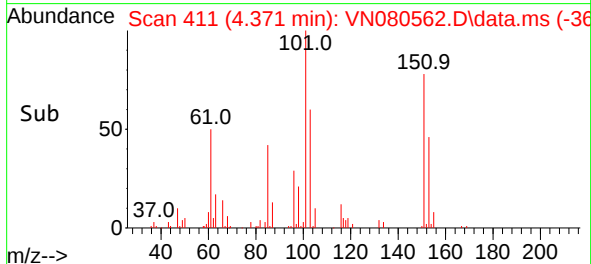
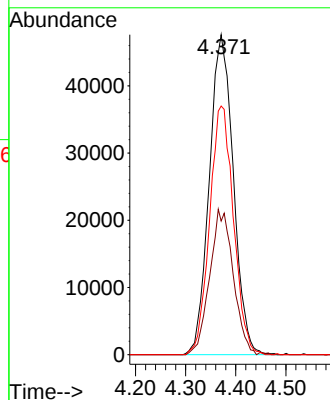
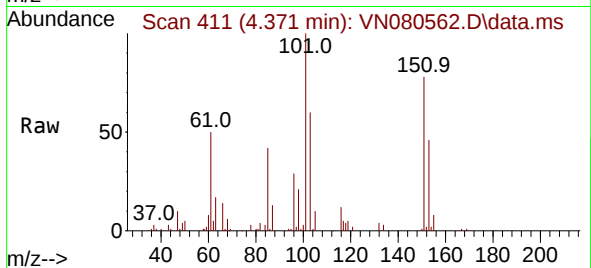
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.360 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 158690
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 77.1 57.6 86.4

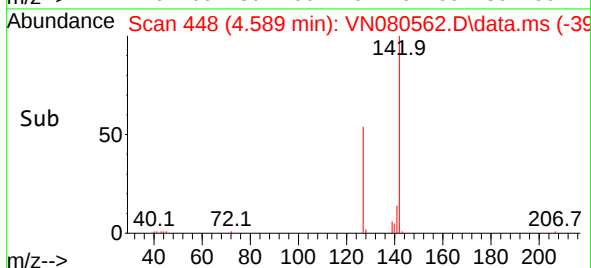
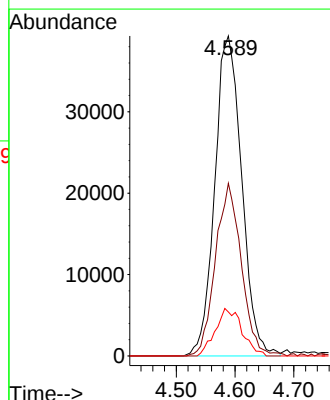
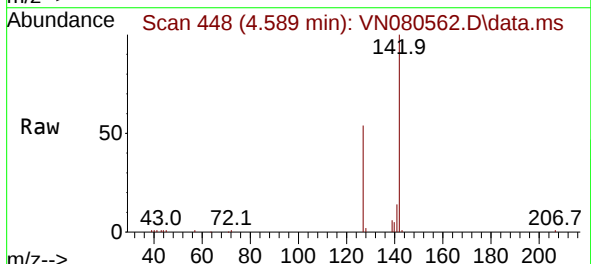
Manual Integrations
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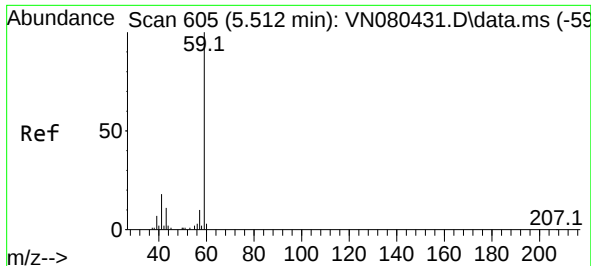
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#10
Methyl Iodide
Concen: 45.165 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

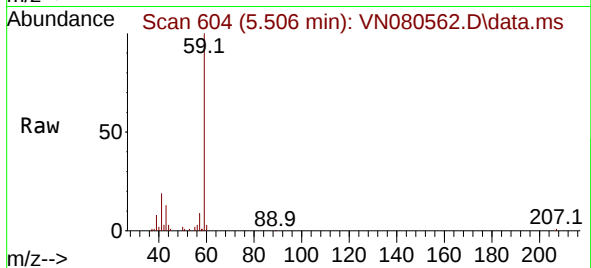
Tgt Ion:142 Resp: 125189
Ion Ratio Lower Upper
142 100
127 53.9 37.6 56.4
141 13.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 276.646 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

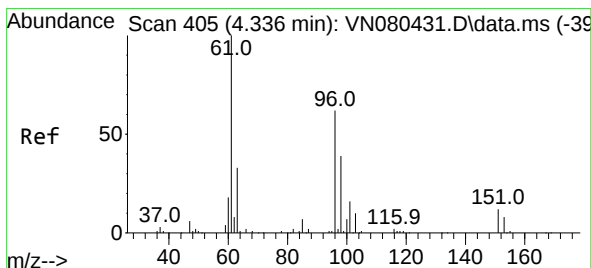
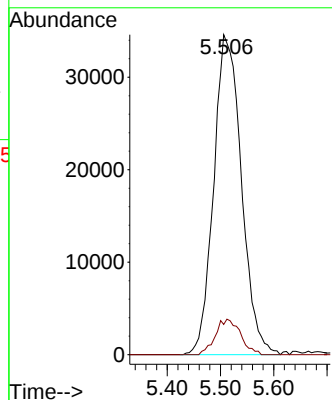
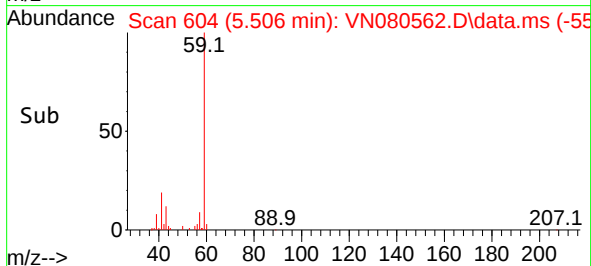
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



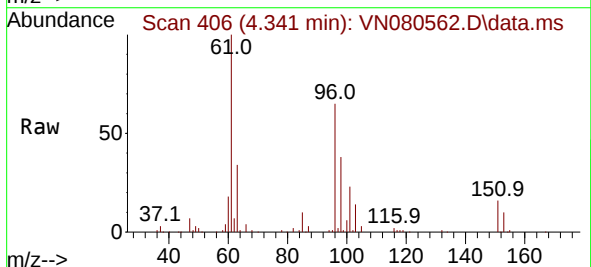
Tgt Ion: 59 Resp: 124990
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

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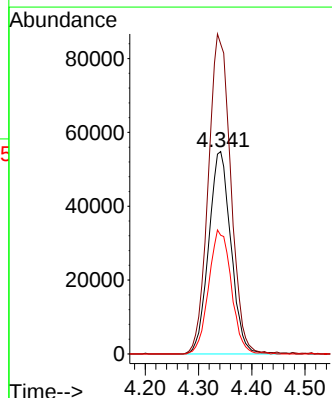
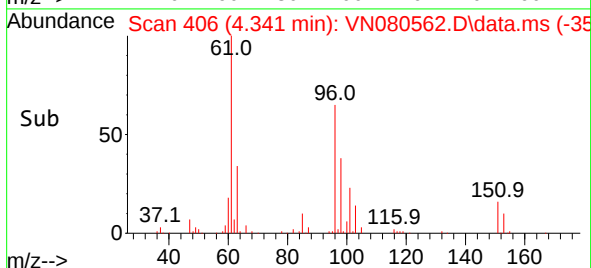
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

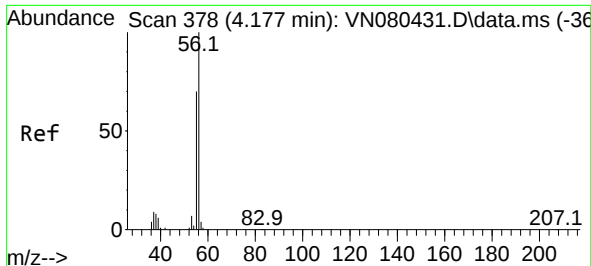


#12
1,1-Dichloroethene
Concen: 49.119 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02



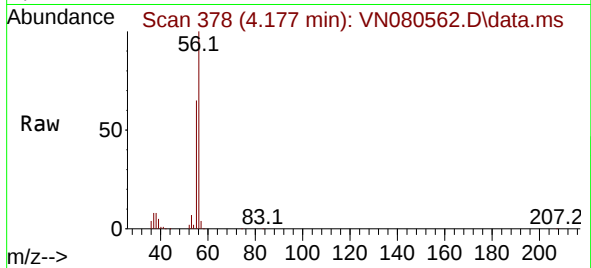
Tgt Ion: 96 Resp: 158601
Ion Ratio Lower Upper
96 100
61 153.0 112.7 169.1
98 58.7 51.2 76.8





#13
Acrolein
Concen: 323.561 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

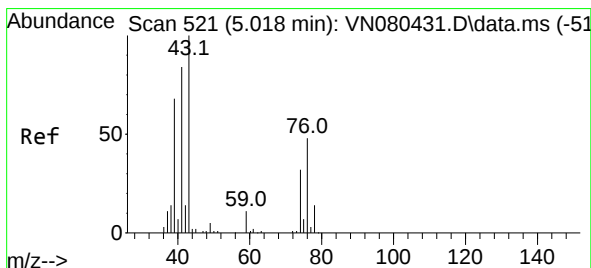
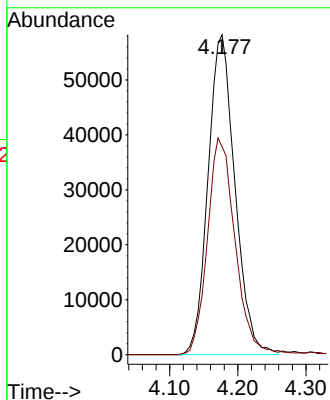
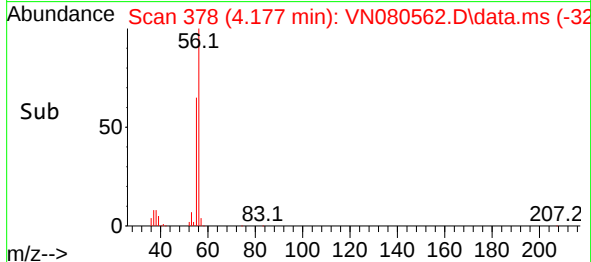
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 160094
Ion Ratio Lower Upper
56 100
55 69.5 54.5 81.7

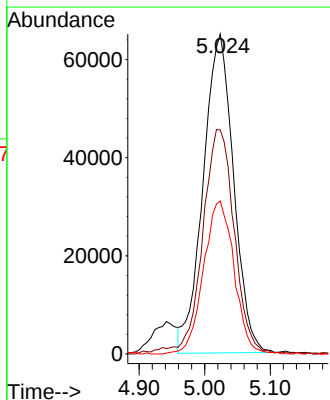
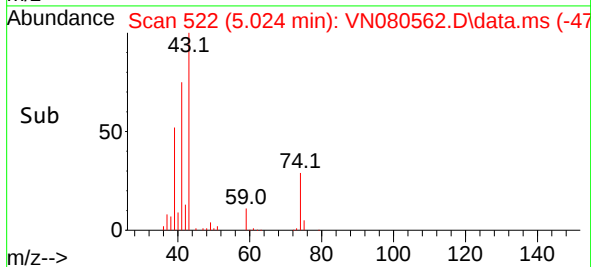
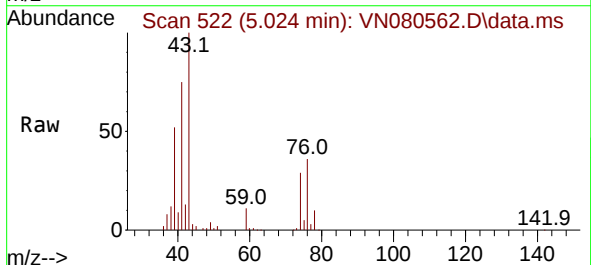
Manual Integrations
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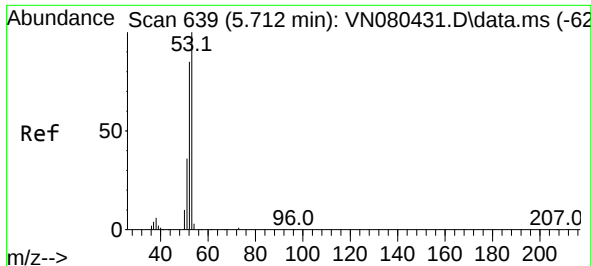
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#14
Allyl chloride
Concen: 52.429 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

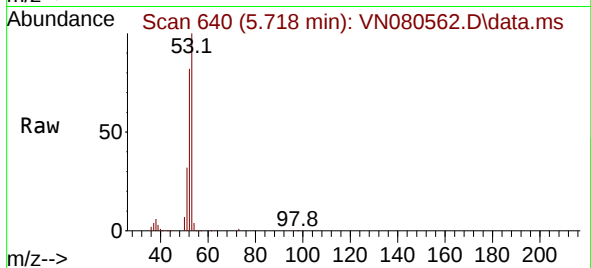
Tgt Ion: 41 Resp: 209450
Ion Ratio Lower Upper
41 100
39 73.7 58.8 88.2
76 48.2 39.1 58.7





#15
Acrylonitrile
Concen: 292.772 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

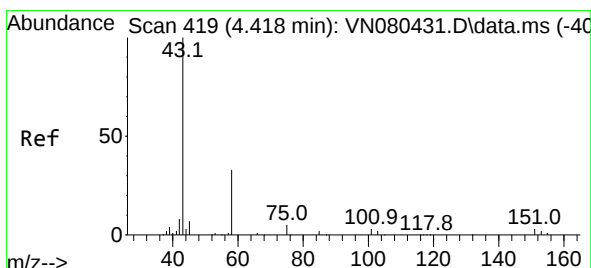
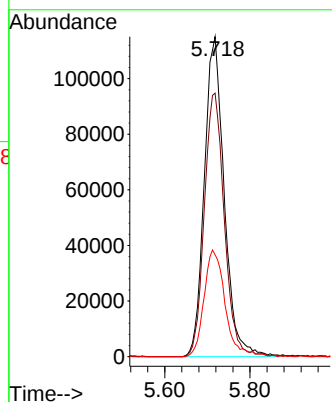
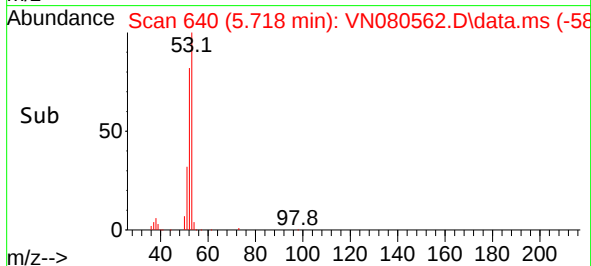
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



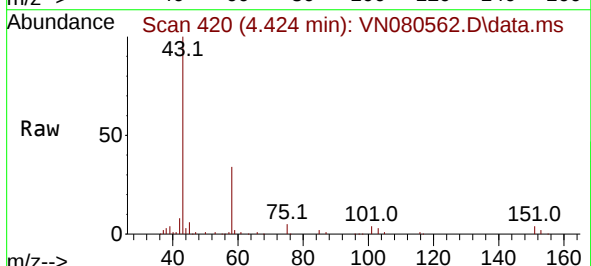
Tgt Ion: 53 Resp: 373752
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 35.4 28.9 43.3

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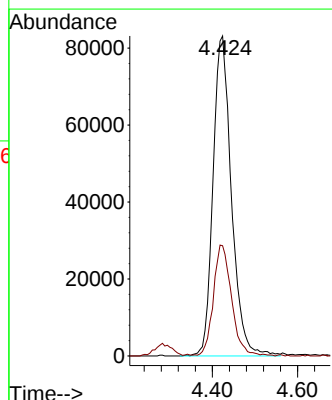
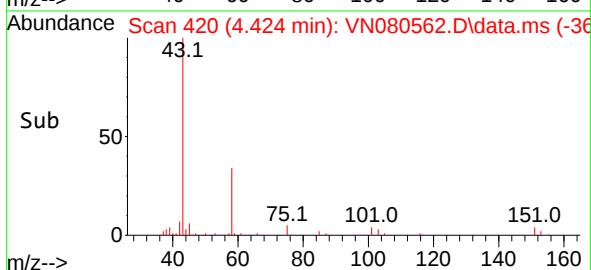
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

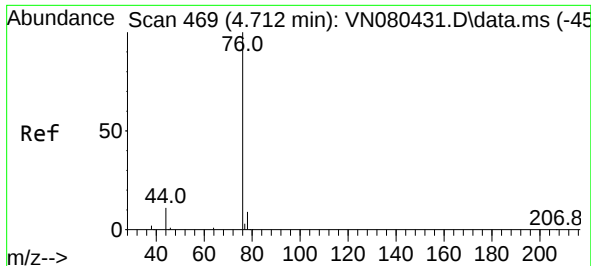


#16
Acetone
Concen: 367.047 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02



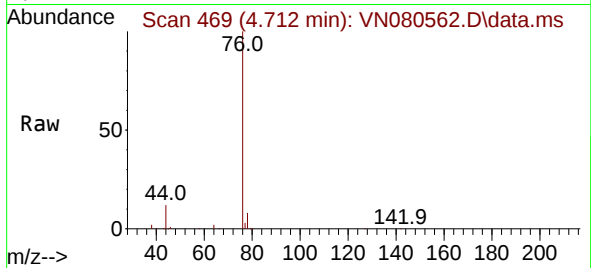
Tgt Ion: 43 Resp: 249669
Ion Ratio Lower Upper
43 100
58 34.1 28.0 42.0





#17
Carbon Disulfide
Concen: 45.083 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

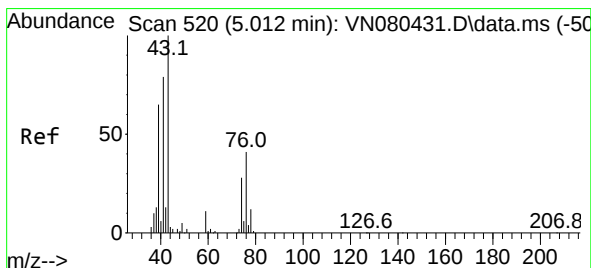
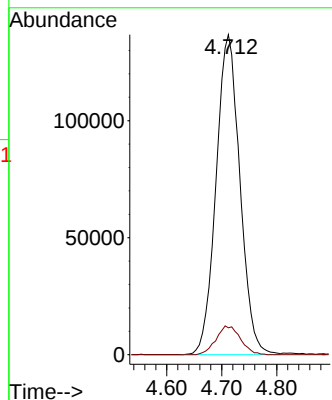
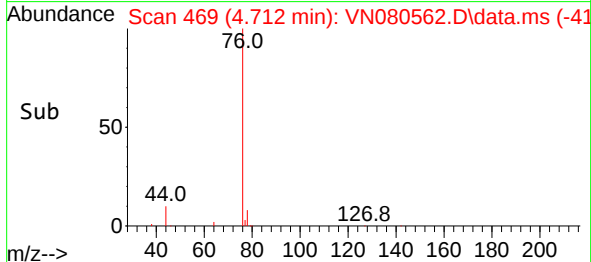
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



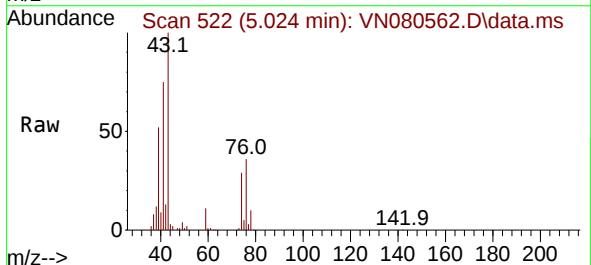
Tgt Ion: 76 Resp: 412549
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0

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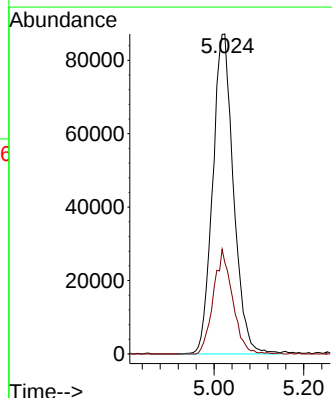
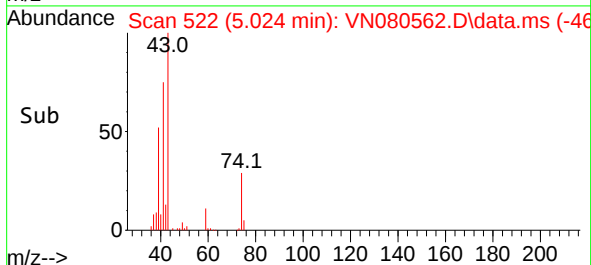
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

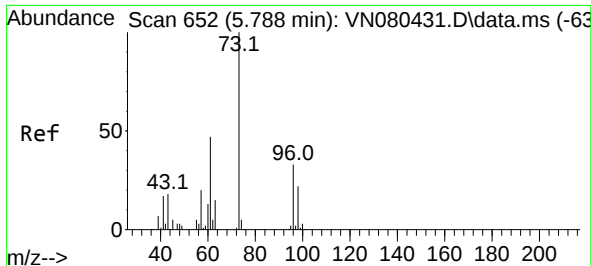


#18
Methyl Acetate
Concen: 64.339 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02



Tgt Ion: 43 Resp: 281598
Ion Ratio Lower Upper
43 100
74 30.1 26.2 39.4





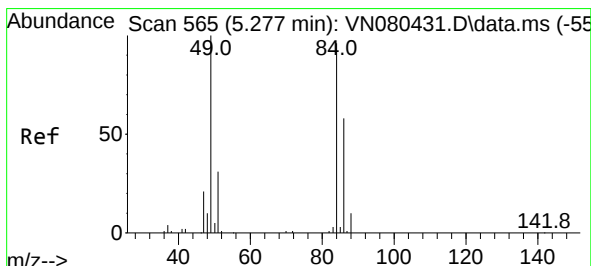
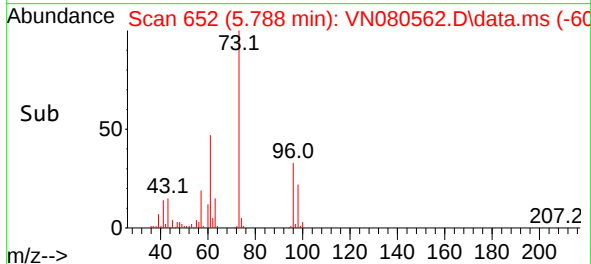
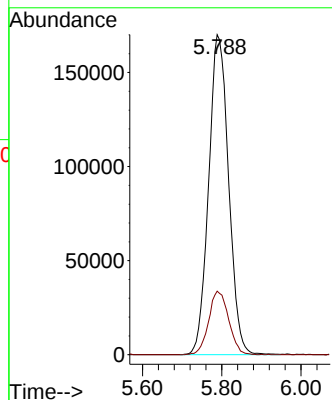
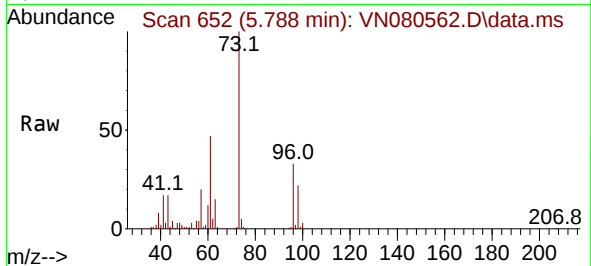
#19
Methyl tert-butyl Ether
Concen: 55.215 ug/l
RT: 5.788 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 594814
Ion Ratio Lower Upper
73 100
57 19.9 15.6 23.4

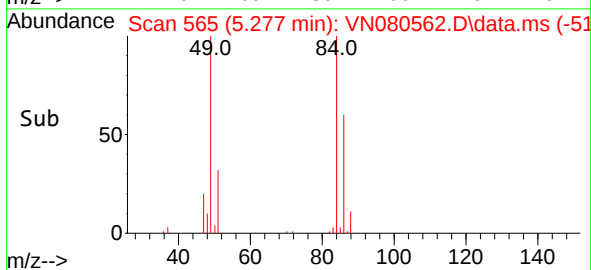
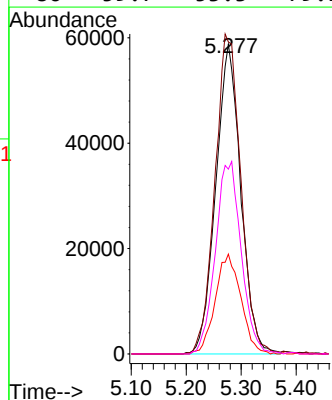
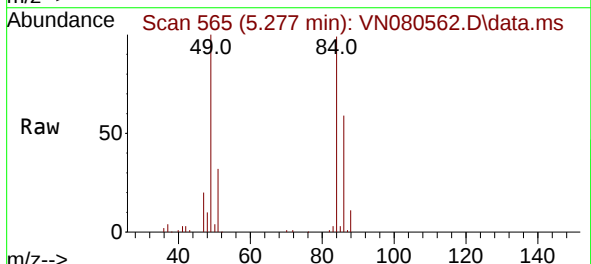
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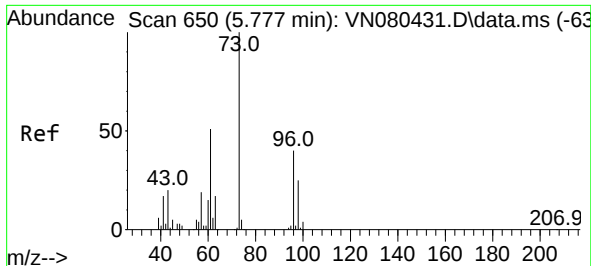
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#20
Methylene Chloride
Concen: 50.985 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

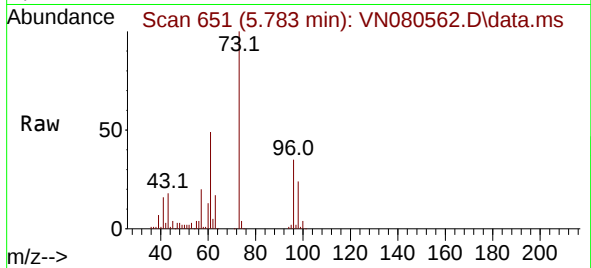
Tgt Ion: 84 Resp: 185597
Ion Ratio Lower Upper
84 100
49 100.7 79.7 119.5
51 32.2 25.2 37.8
86 59.7 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 49.853 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

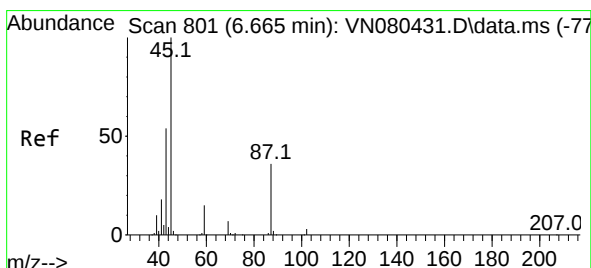
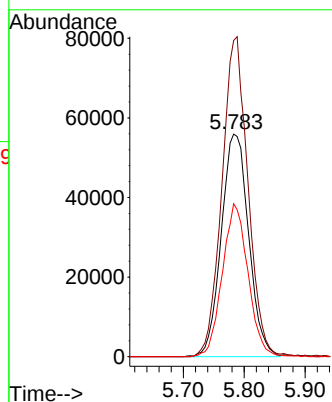
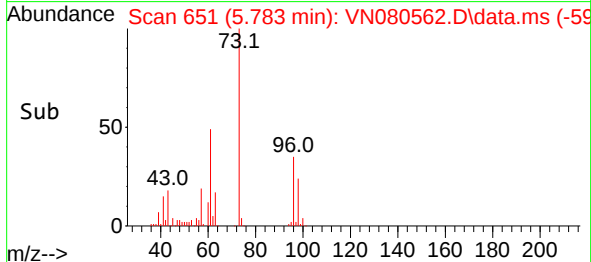
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 174540
Ion Ratio Lower Upper
96 100
61 142.1 90.1 135.1
98 68.8 46.4 69.6

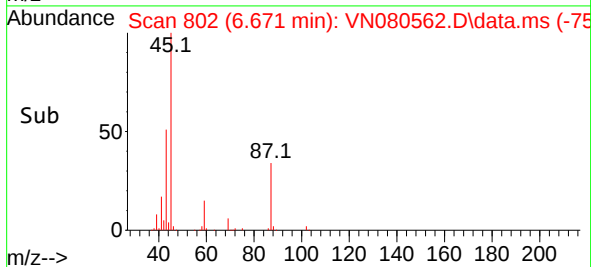
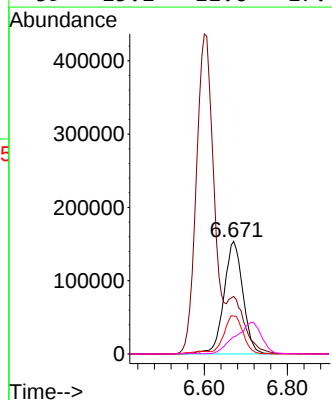
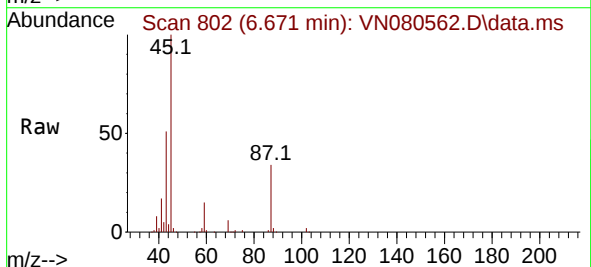
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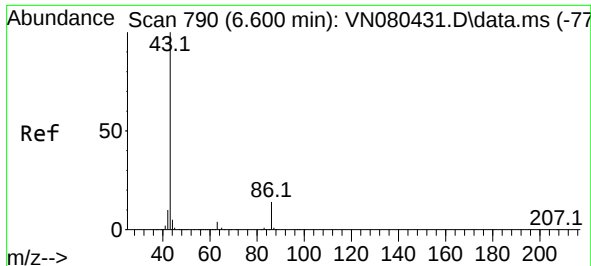
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#22
Diisopropyl ether
Concen: 56.308 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

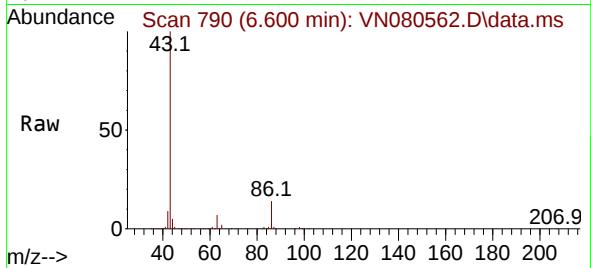
Tgt Ion: 45 Resp: 485502
Ion Ratio Lower Upper
45 100
43 50.5 45.5 68.3
87 33.7 31.8 47.8
59 15.1 11.6 17.4





#23
 Vinyl Acetate
 Concen: 262.084 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080562.D
 Acq: 20 Dec 2023 22:02

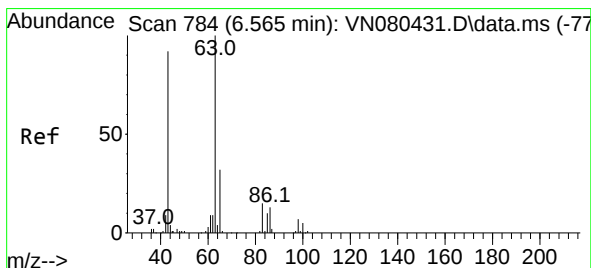
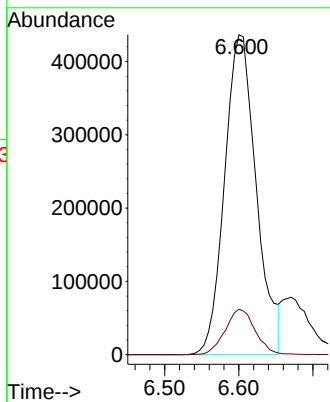
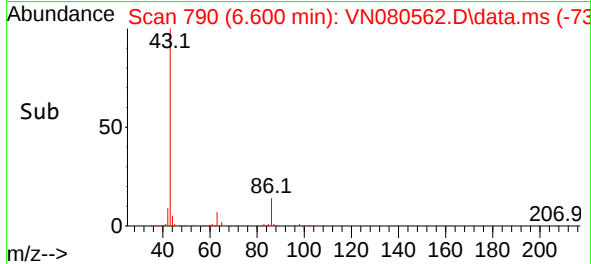
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 1297870
 Ion Ratio Lower Upper
 43 100
 86 14.2 13.0 19.6

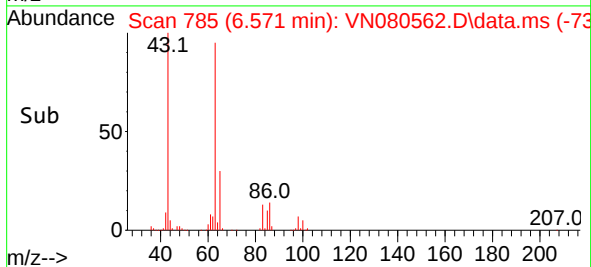
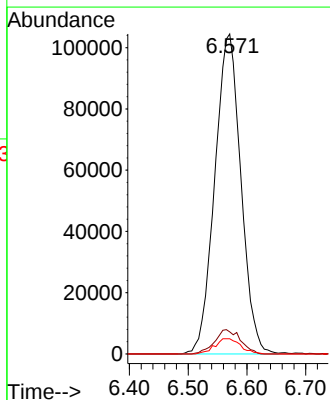
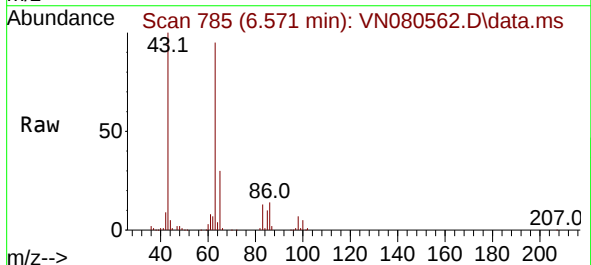
Manual Integrations
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Reviewed By :John Carlone 12/21/2023
 Supervised By :Mahesh Dadoda 12/21/2023



#24
 1,1-Dichloroethane
 Concen: 53.614 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080562.D
 Acq: 20 Dec 2023 22:02

Tgt Ion: 63 Resp: 322525
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 4.8 2.5 7.4





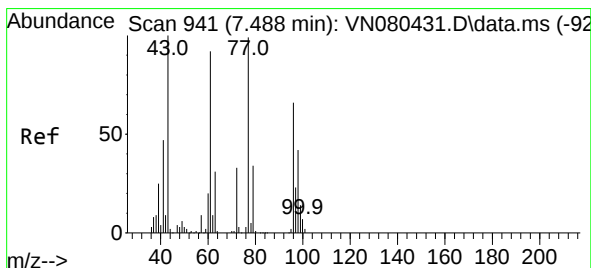
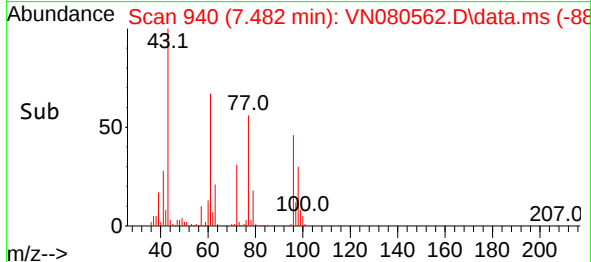
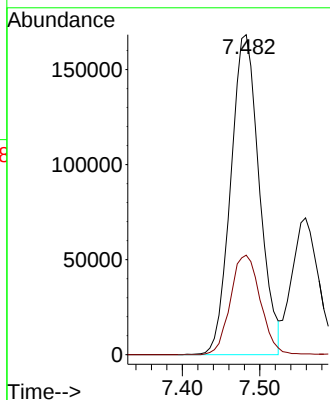
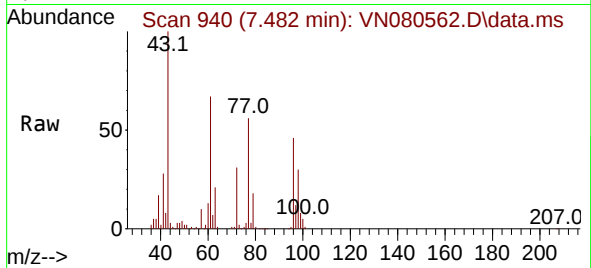
#25
2-Butanone
Concen: 329.364 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 43158
Ion Ratio Lower Upper
43 100
72 31.1 30.2 45.2

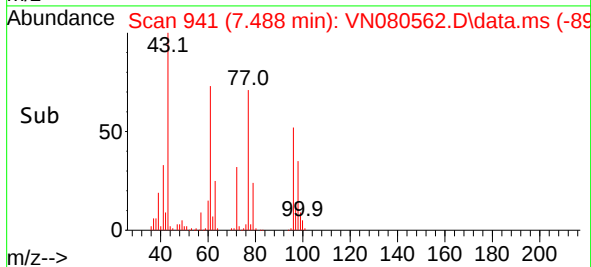
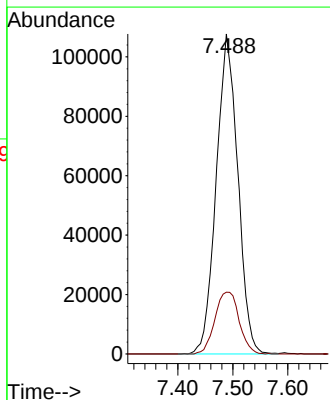
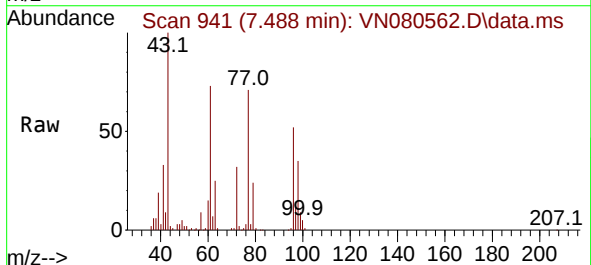
Manual Integrations
APPROVED

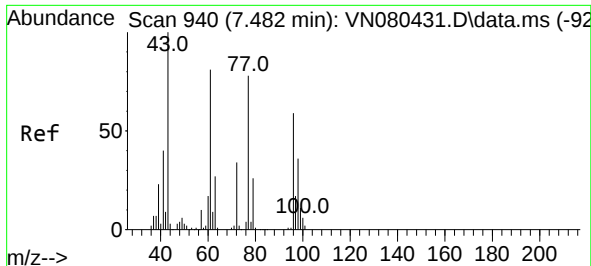
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#26
2,2-Dichloropropane
Concen: 47.711 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

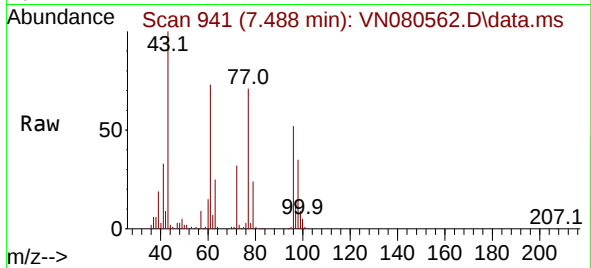
Tgt Ion: 77 Resp: 293488
Ion Ratio Lower Upper
77 100
97 21.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 53.606 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN080562.D
 Acq: 20 Dec 2023 22:02

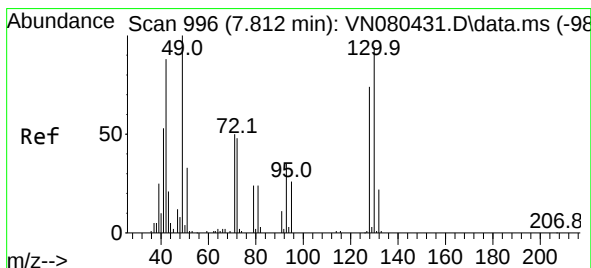
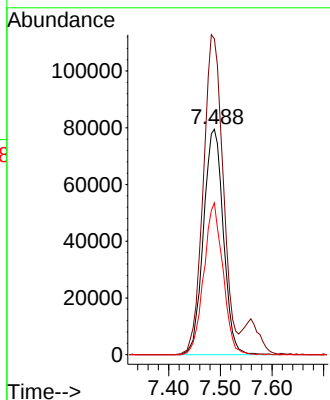
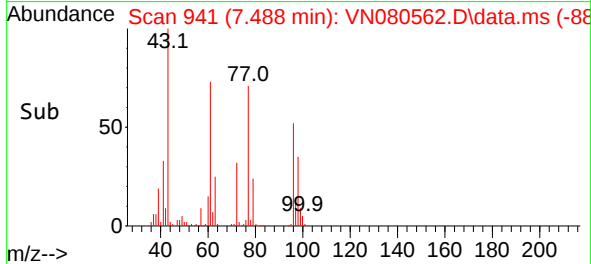
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 21244
 Ion Ratio Lower Upper
 96 100
 61 141.9 0.0 255.2
 98 64.5 0.0 128.8

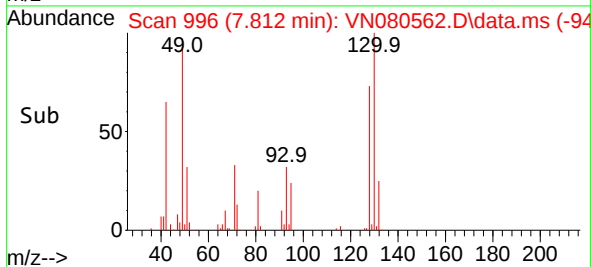
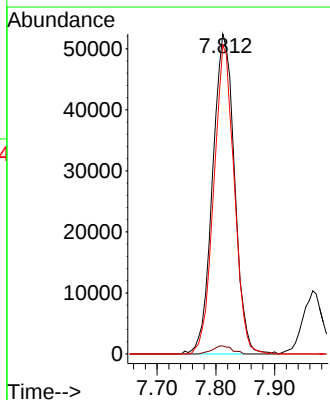
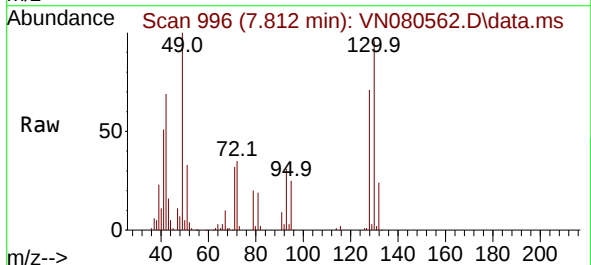
Manual Integrations
 APPROVED

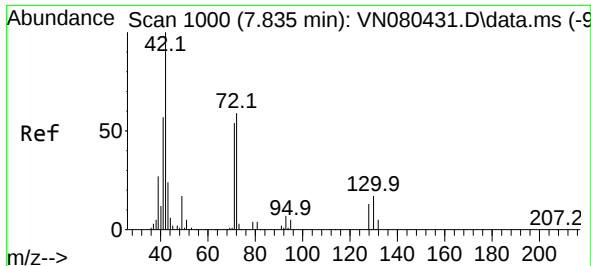
Reviewed By :John Carlone 12/21/2023
 Supervised By :Mahesh Dadoda 12/21/2023



#28
 Bromochloromethane
 Concen: 58.750 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080562.D
 Acq: 20 Dec 2023 22:02

Tgt Ion: 49 Resp: 135697
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 89.9 75.3 112.9





#29

Tetrahydrofuran

Concen: 307.080 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080562.D

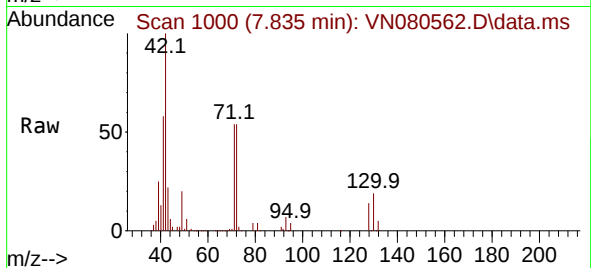
Acq: 20 Dec 2023 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



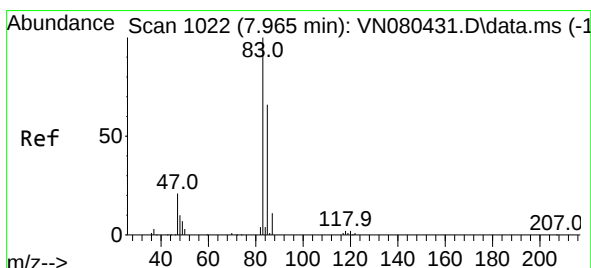
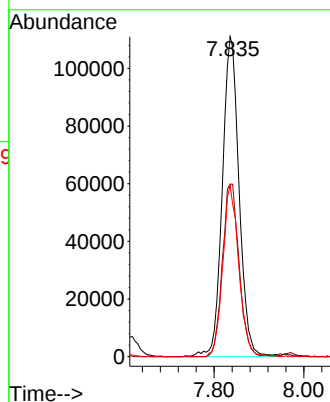
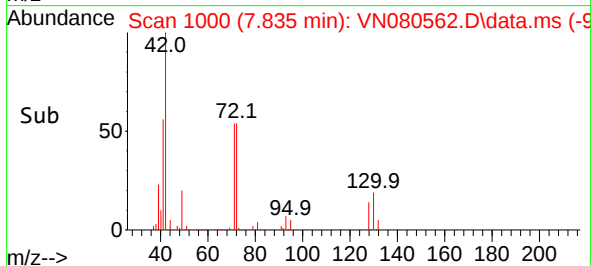
Tgt Ion:	42	Resp:	28814
Ion Ratio	Lower	Upper	
42	100		
72	53.7	49.8	74.6
71	51.1	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#30

Chloroform

Concen: 53.610 ug/l

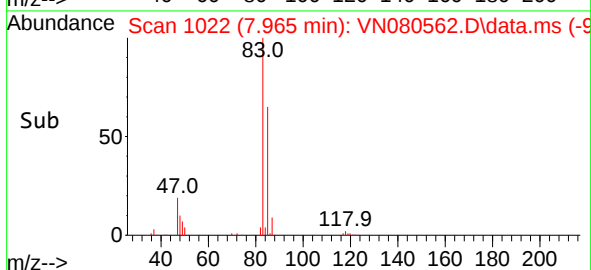
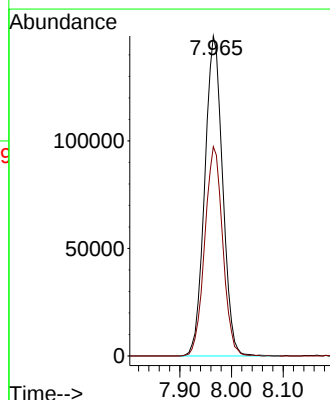
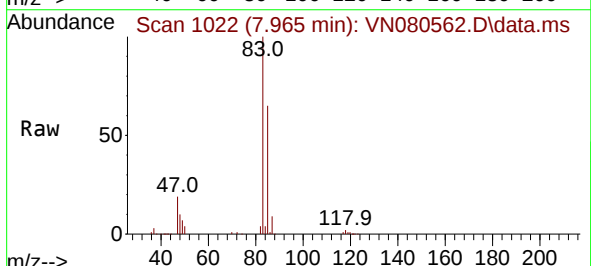
RT: 7.965 min Scan# 1022

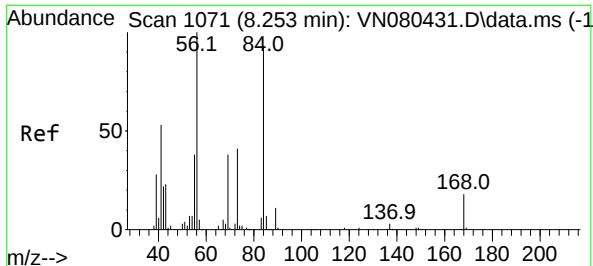
Delta R.T. 0.000 min

Lab File: VN080562.D

Acq: 20 Dec 2023 22:02

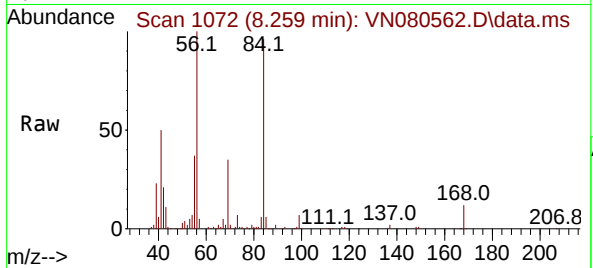
Tgt Ion:	83	Resp:	357984
Ion Ratio	Lower	Upper	
83	100		
85	65.4	55.4	83.0





#31
Cyclohexane
Concen: 46.113 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

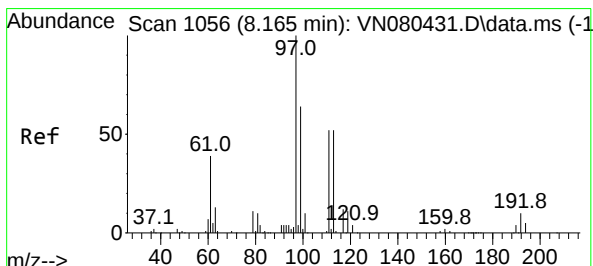
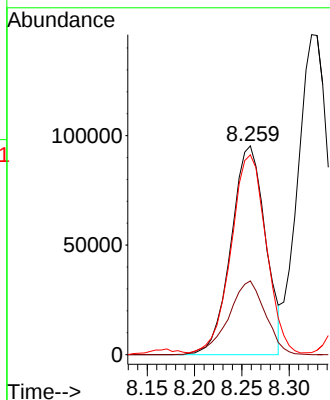
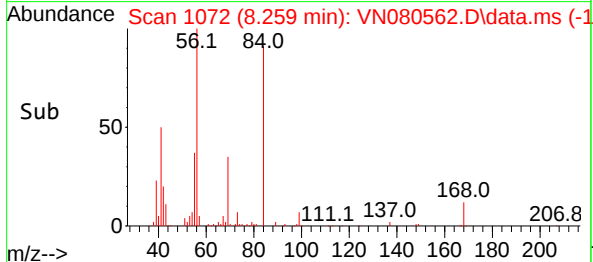
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



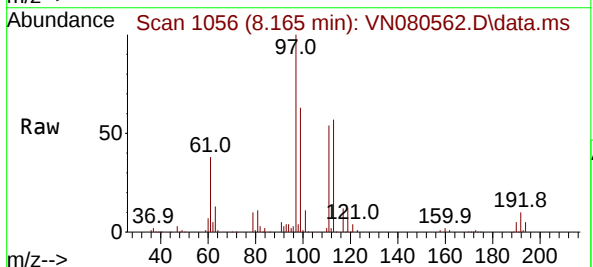
Tgt Ion: 56 Resp: 24056
Ion Ratio Lower Upper
56 100
69 35.1 26.8 40.2
84 93.8 81.8 122.6

Manual Integrations
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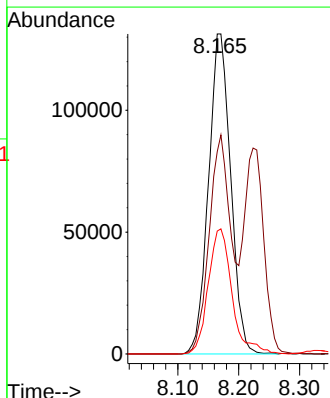
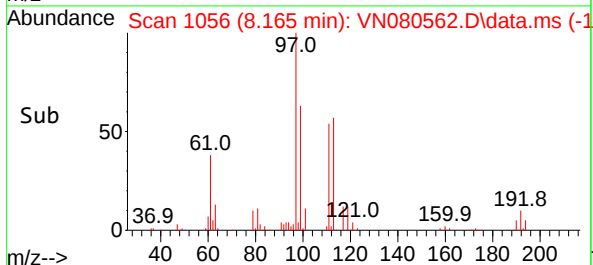
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

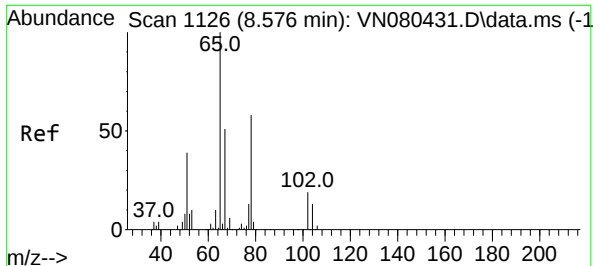


#32
1,1,1-Trichloroethane
Concen: 50.770 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02



Tgt Ion: 97 Resp: 331937
Ion Ratio Lower Upper
97 100
99 68.0 50.3 75.5
61 41.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 55.417 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN080562.D

Acq: 20 Dec 2023 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 212594

Ion Ratio Lower Upper

65 100

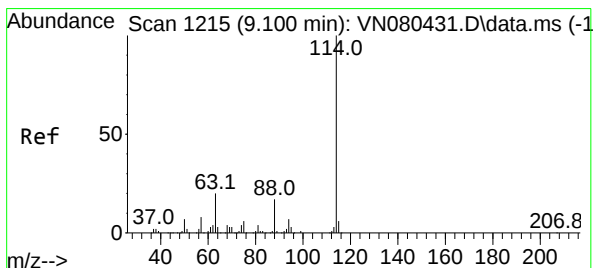
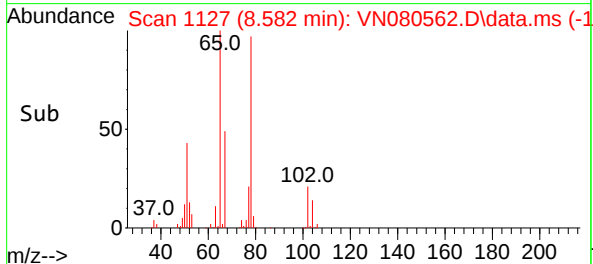
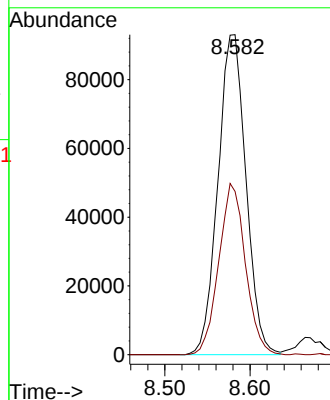
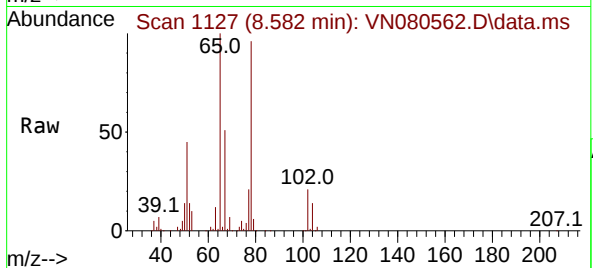
67 50.9 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080562.D

Acq: 20 Dec 2023 22:02

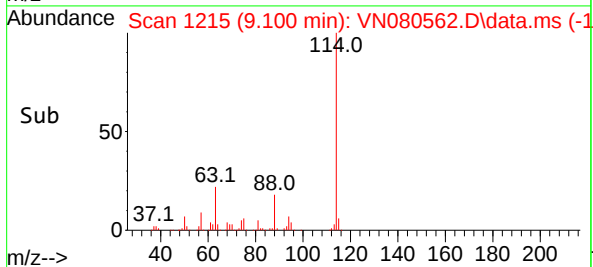
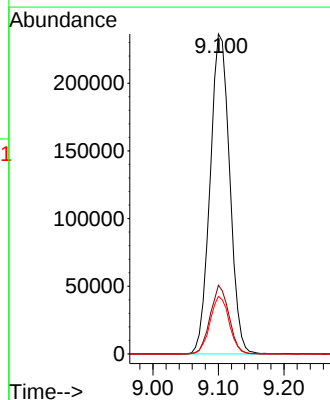
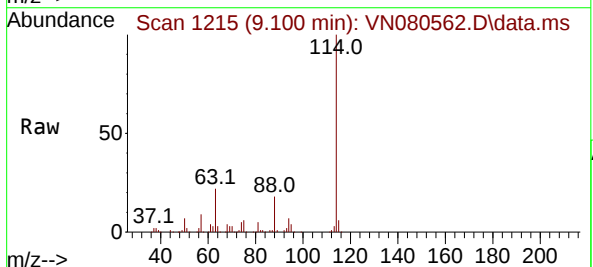
Tgt Ion:114 Resp: 489746

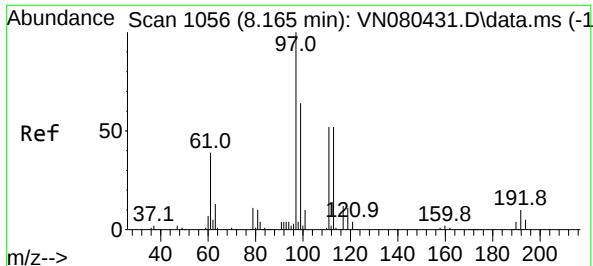
Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 18.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.445 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080562.D

Acq: 20 Dec 2023 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 172160

Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

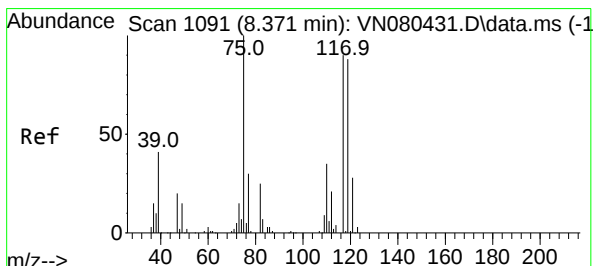
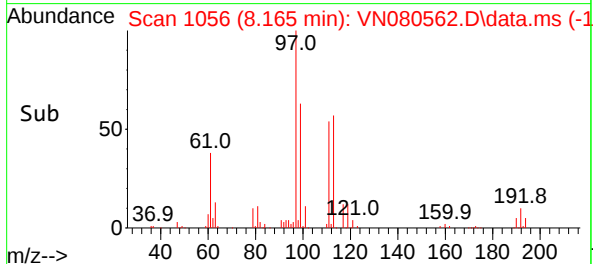
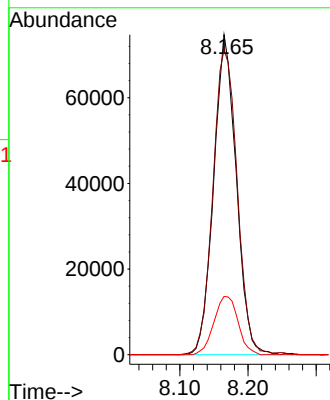
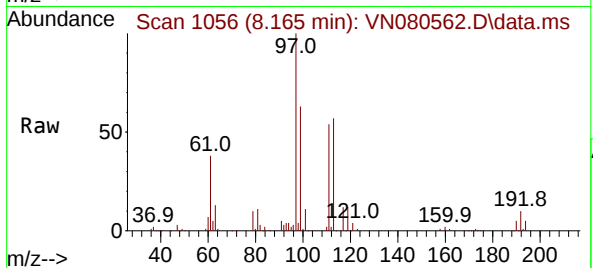
192 19.4 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#36

1,1-Dichloropropene

Concen: 50.295 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN080562.D

Acq: 20 Dec 2023 22:02

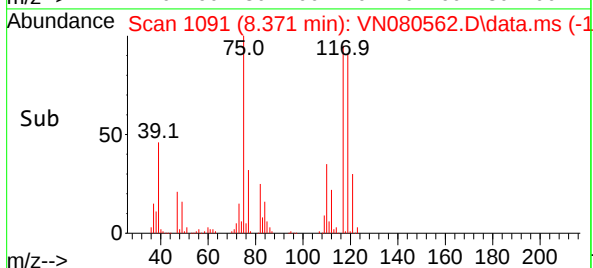
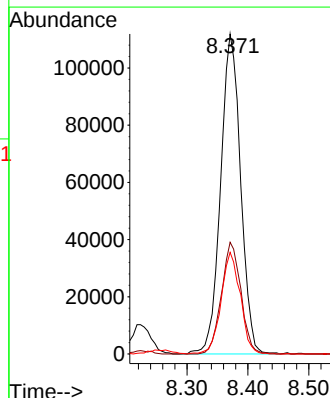
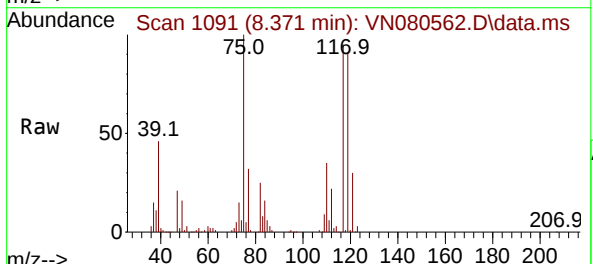
Tgt Ion: 75 Resp: 255357

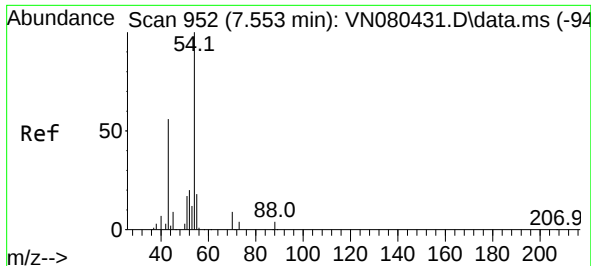
Ion Ratio Lower Upper

75 100

110 34.0 19.1 57.3

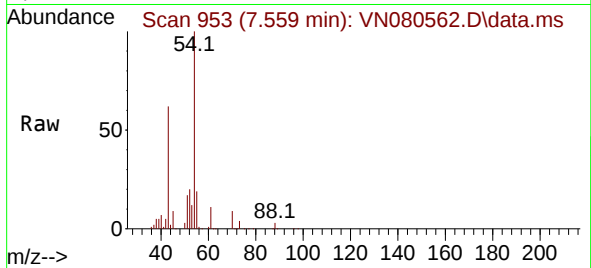
77 30.5 25.0 37.4





#37
Ethyl Acetate
Concen: 56.256 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

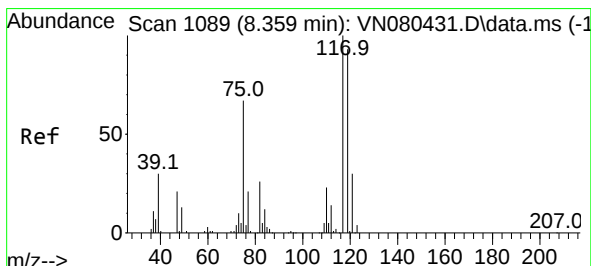
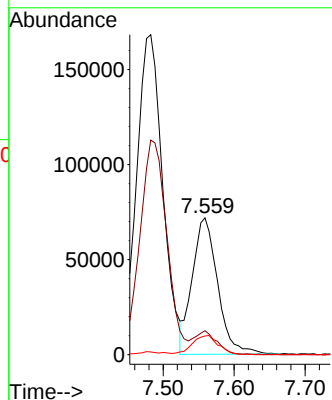
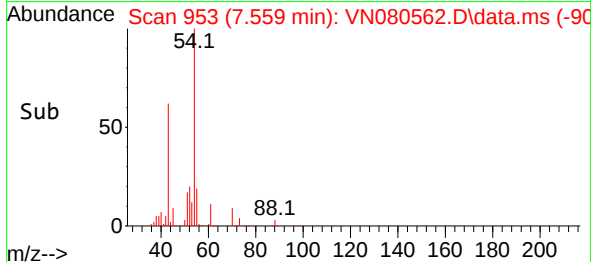
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 17885
Ion Ratio Lower Upper
43 100
61 15.6 13.2 19.8
70 14.5 11.3 16.9

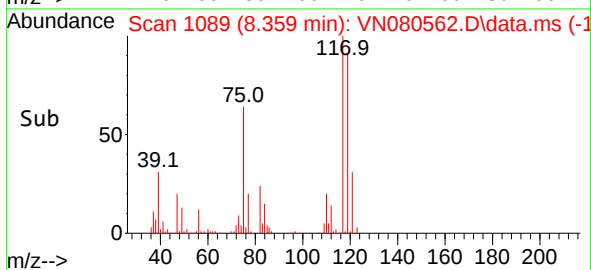
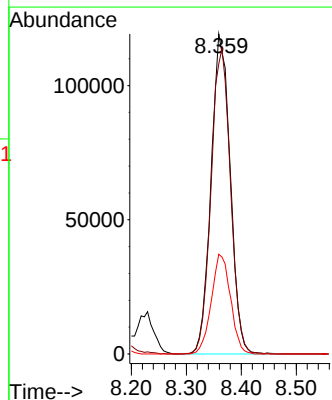
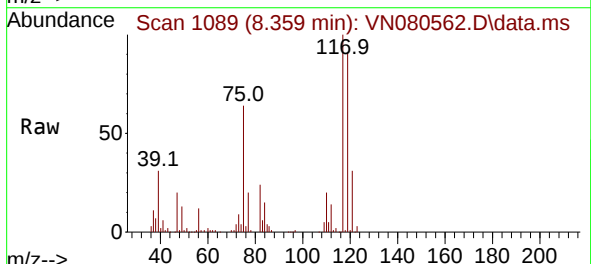
Manual Integrations
APPROVED

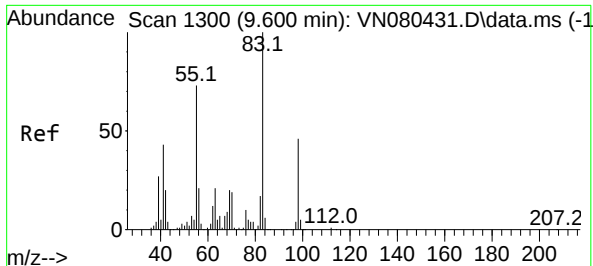
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#38
Carbon Tetrachloride
Concen: 47.753 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

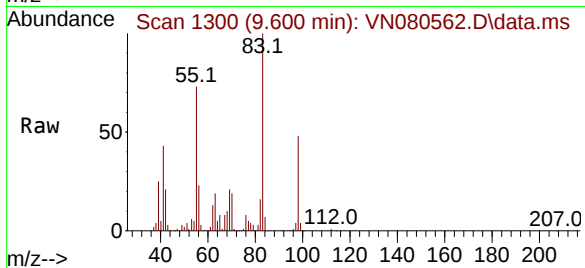
Tgt Ion:117 Resp: 289700
Ion Ratio Lower Upper
117 100
119 90.6 77.3 115.9
121 31.2 23.3 34.9





#39
Methylcyclohexane
Concen: 46.844 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

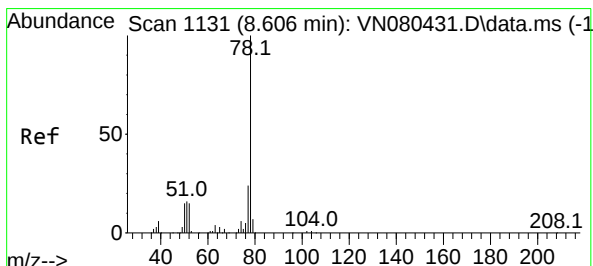
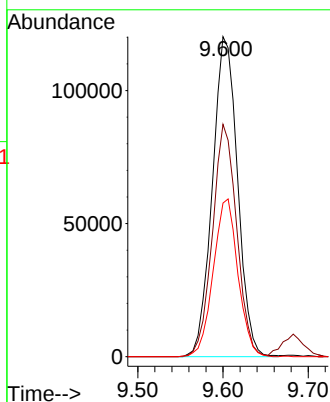
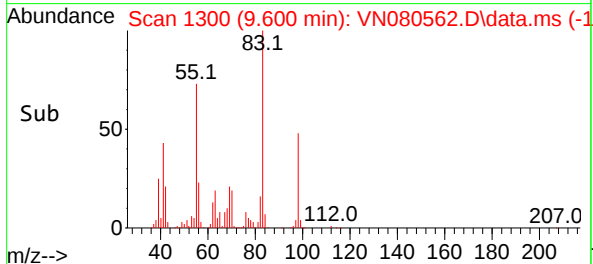
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



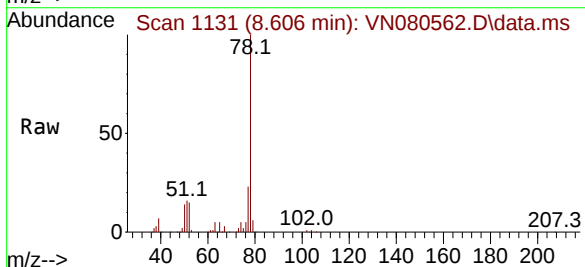
Tgt Ion: 83 Resp: 247073
Ion Ratio Lower Upper
83 100
55 72.6 49.1 73.7
98 48.0 40.6 61.0

Manual Integrations
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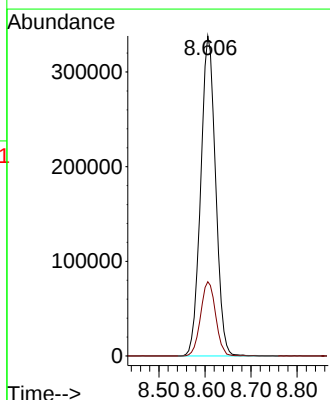
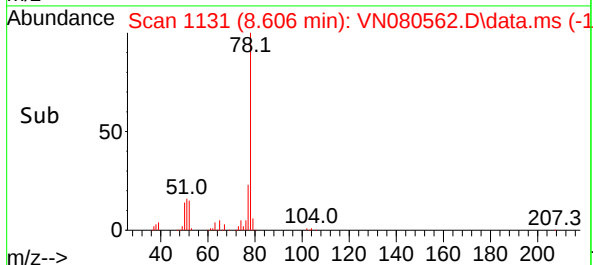
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

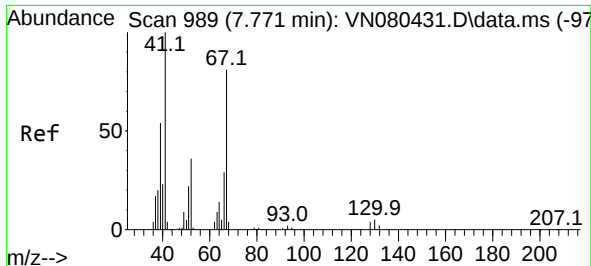


#40
Benzene
Concen: 51.991 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02



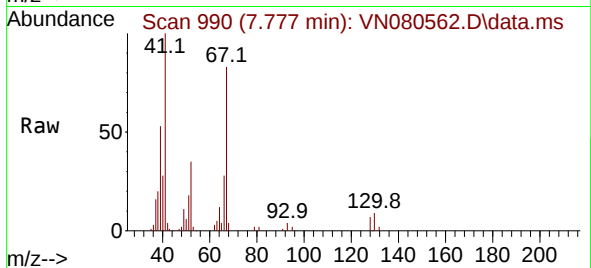
Tgt Ion: 78 Resp: 762251
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6





#41
Methacrylonitrile
Concen: 59.518 ug/l
RT: 7.777 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

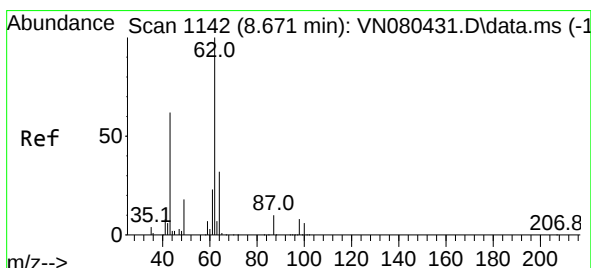
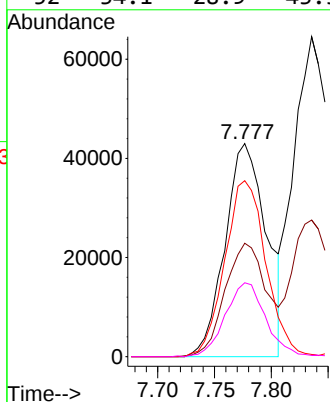
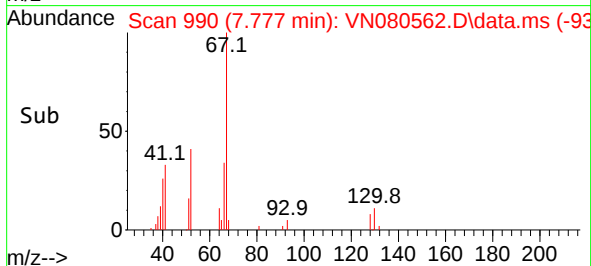
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 10909
Ion Ratio Lower Upper
41 100
39 53.6 42.6 64.0
67 82.1 77.5 116.3
52 34.1 28.9 43.3

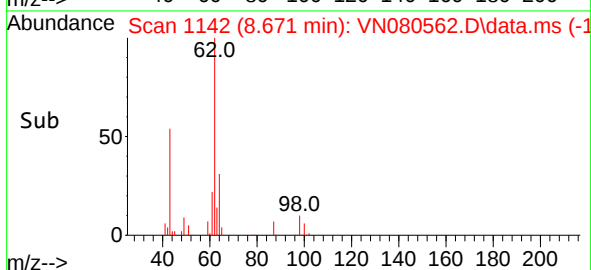
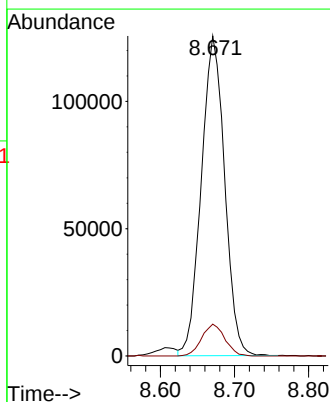
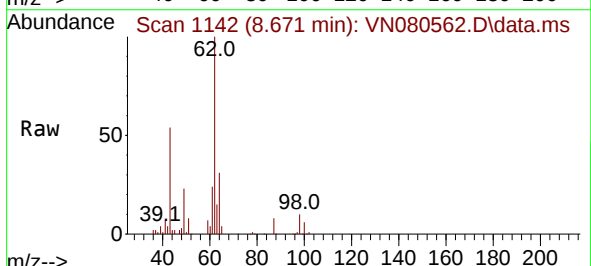
Manual Integrations
APPROVED

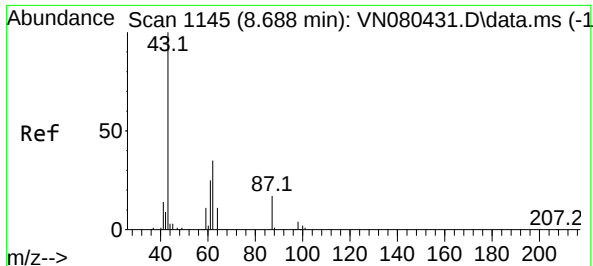
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#42
1,2-Dichloroethane
Concen: 50.732 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

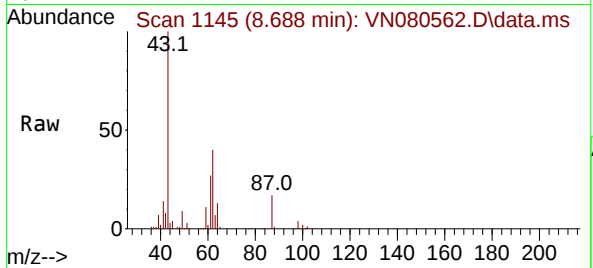
Tgt Ion: 62 Resp: 275434
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.8





#43
Isopropyl Acetate
Concen: 56.843 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

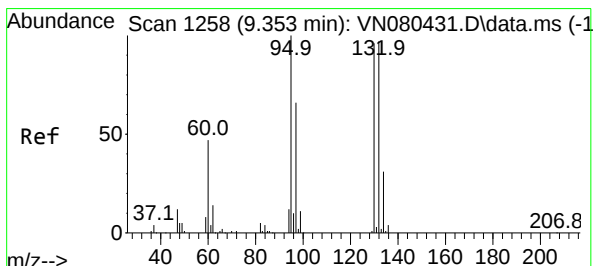
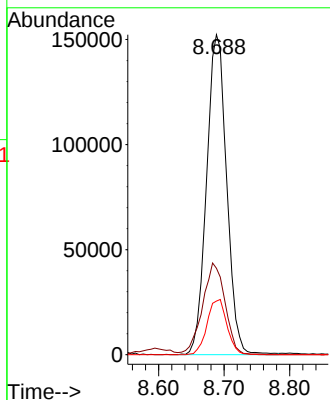
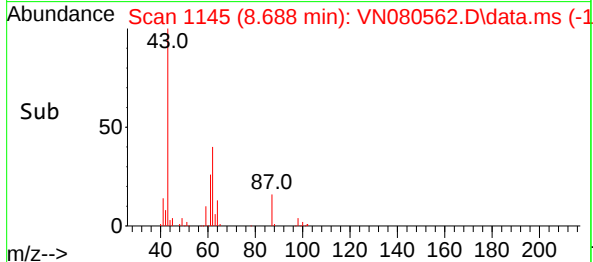
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



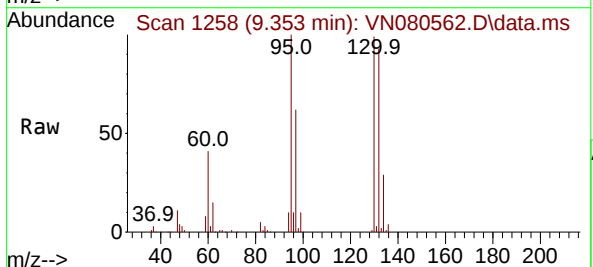
Tgt Ion: 43 Resp: 324948
Ion Ratio Lower Upper
43 100
61 32.2 24.7 37.1
87 17.0 14.6 21.8

Manual Integrations
APPROVED

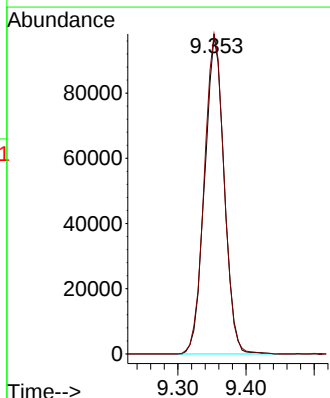
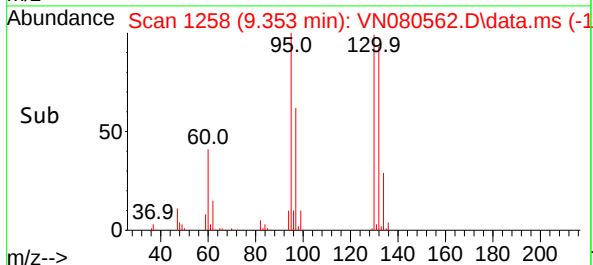
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

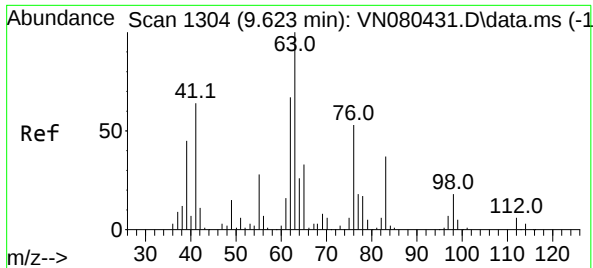


#44
Trichloroethene
Concen: 49.192 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02



Tgt Ion:130 Resp: 194429
Ion Ratio Lower Upper
130 100
95 100.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 53.876 ug/l

RT: 9.623 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080562.D

Acq: 20 Dec 2023 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 185520

Ion Ratio Lower Upper

63 100

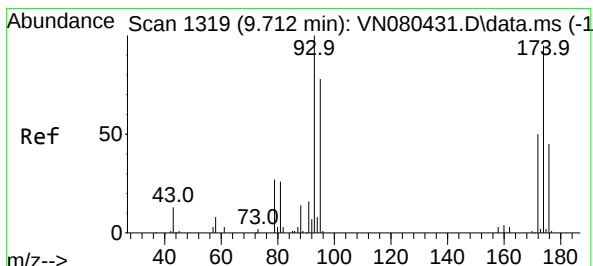
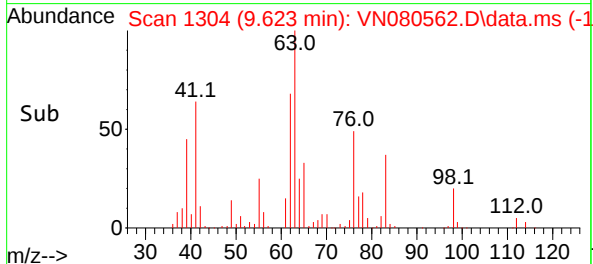
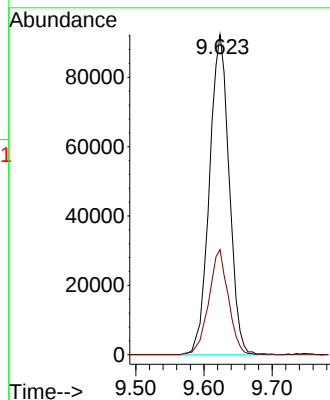
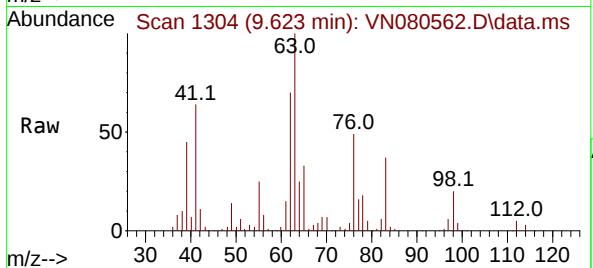
65 32.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#46

Dibromomethane

Concen: 51.782 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080562.D

Acq: 20 Dec 2023 22:02

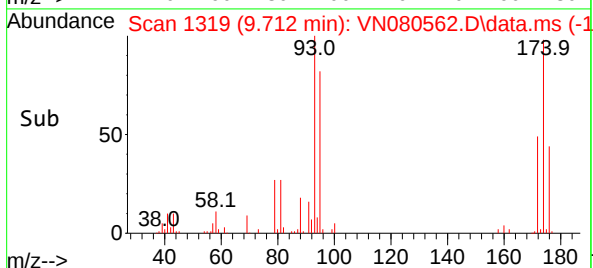
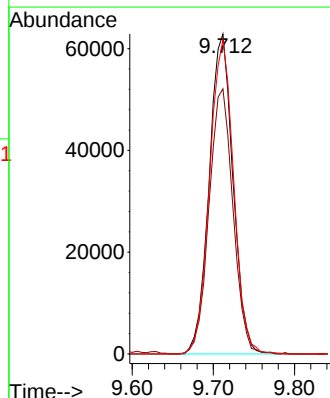
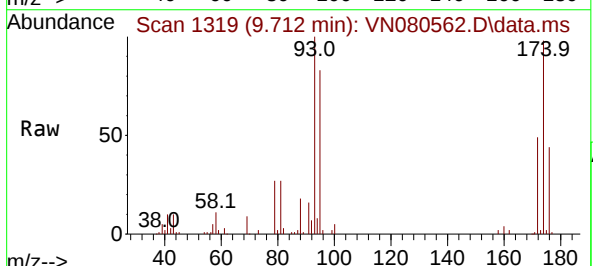
Tgt Ion: 93 Resp: 128050

Ion Ratio Lower Upper

93 100

95 83.5 63.8 95.8

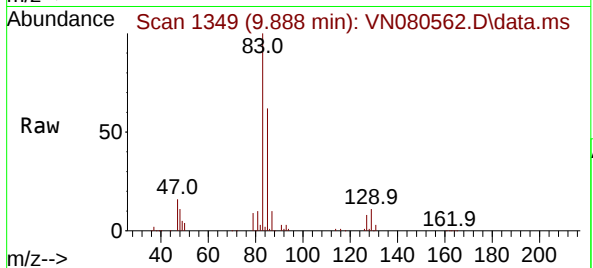
174 98.9 65.6 98.4#





#47
Bromodichloromethane
Concen: 53.653 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

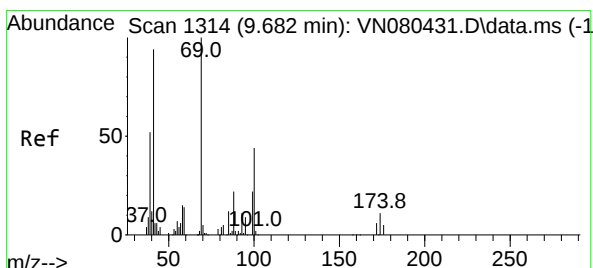
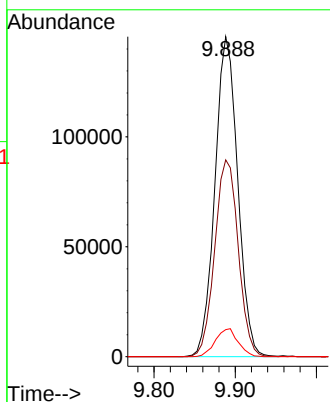
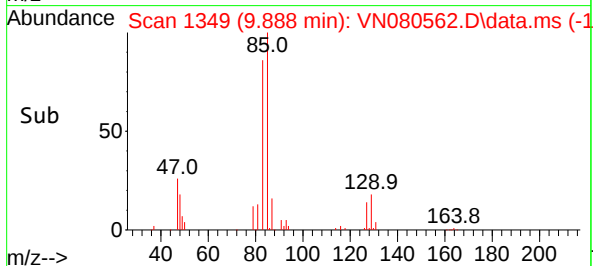
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 284354
Ion Ratio Lower Upper
83 100
85 61.5 49.6 74.4
127 8.4 7.0 10.6

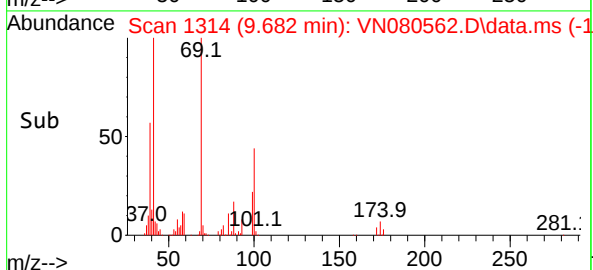
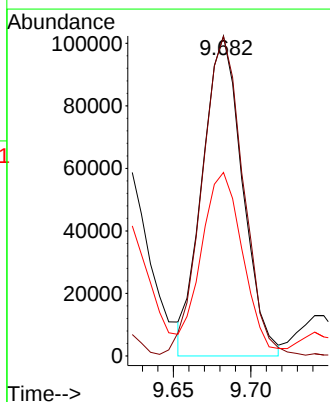
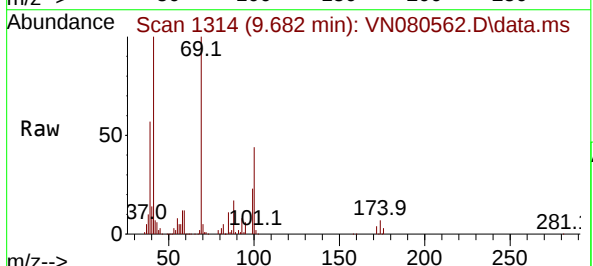
Manual Integrations
APPROVED

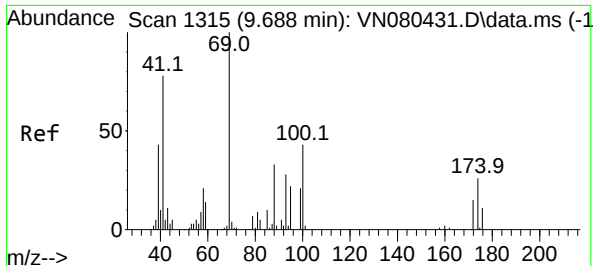
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#48
Methyl methacrylate
Concen: 53.967 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

Tgt Ion: 41 Resp: 184102
Ion Ratio Lower Upper
41 100
69 102.8 90.4 135.6
39 60.0 54.6 81.8





#49

1,4-Dioxane

Concen: 1041.498 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080562.D

Acq: 20 Dec 2023 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

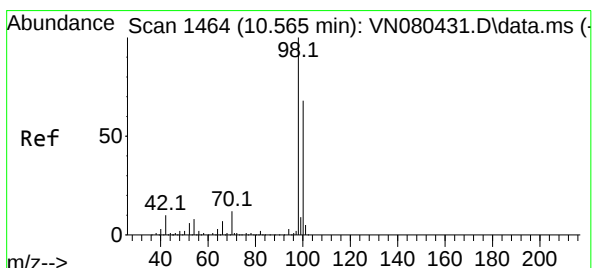
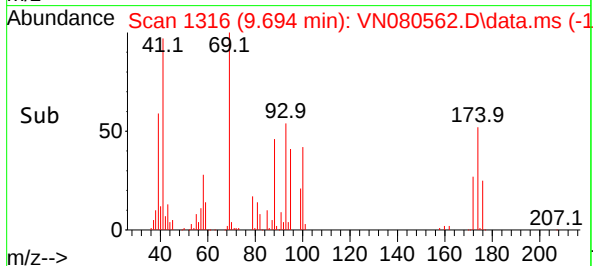
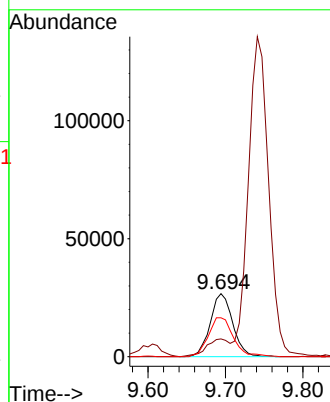
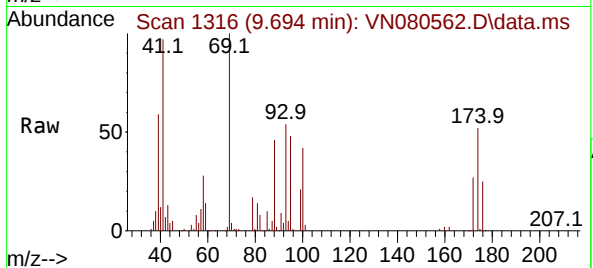
Tgt Ion: 88 Resp: 5385
 Ion Ratio Lower Upper
 88 100
 43 28.6 17.0 25.6
 58 68.9 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#50

Toluene-d8

Concen: 52.974 ug/l

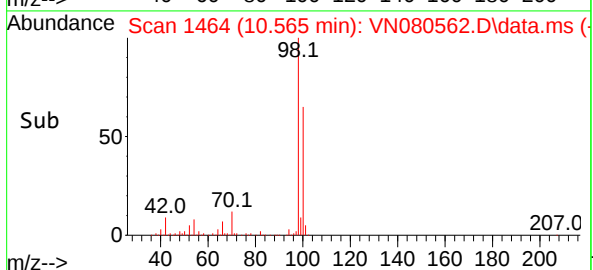
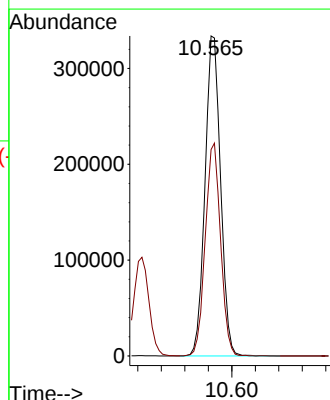
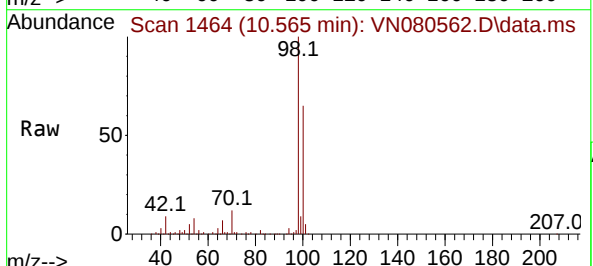
RT: 10.565 min Scan# 1464

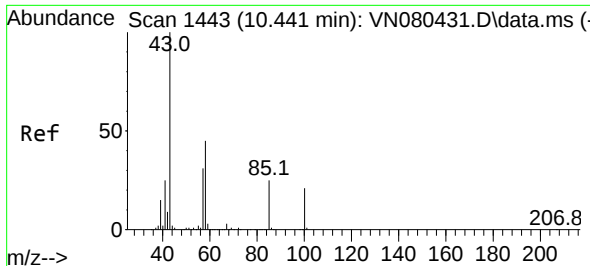
Delta R.T. 0.000 min

Lab File: VN080562.D

Acq: 20 Dec 2023 22:02

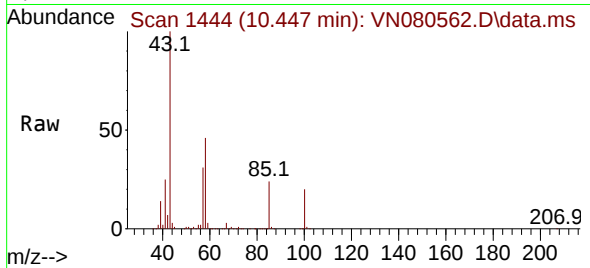
Tgt Ion: 98 Resp: 613475
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 289.275 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

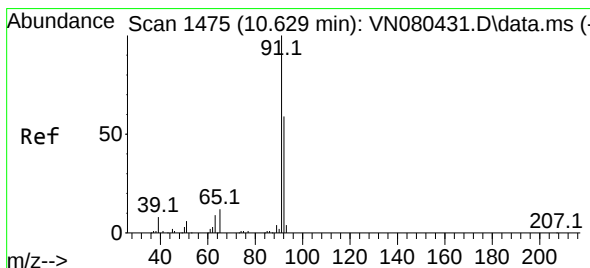
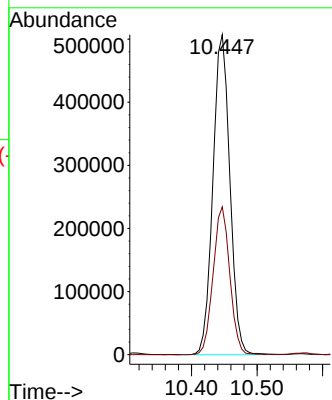
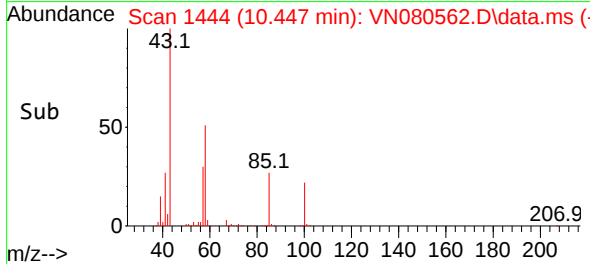
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 91073
Ion Ratio Lower Upper
43 100
58 45.4 36.6 54.8

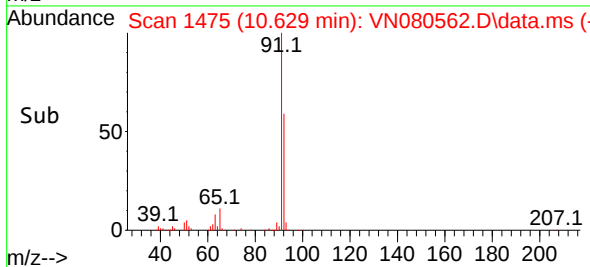
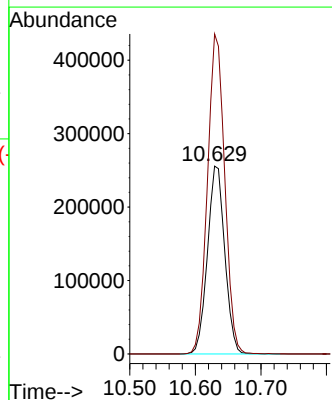
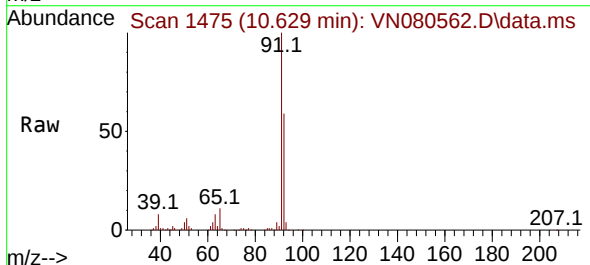
Manual Integrations
APPROVED

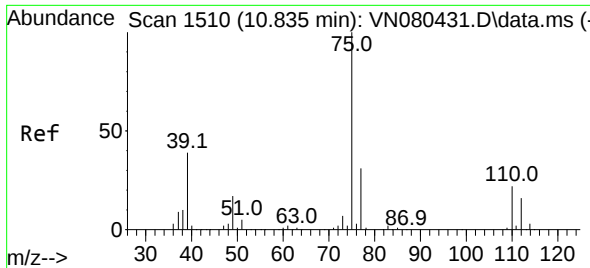
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#52
Toluene
Concen: 50.769 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

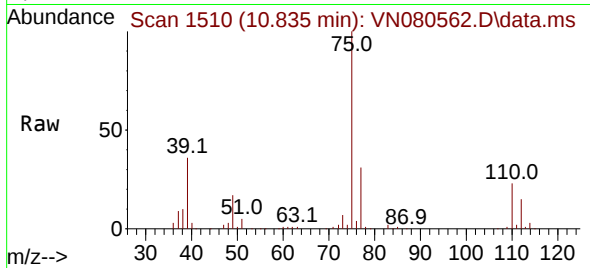
Tgt Ion: 92 Resp: 470217
Ion Ratio Lower Upper
92 100
91 169.6 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 51.200 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

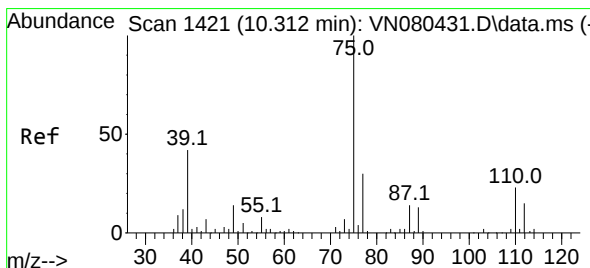
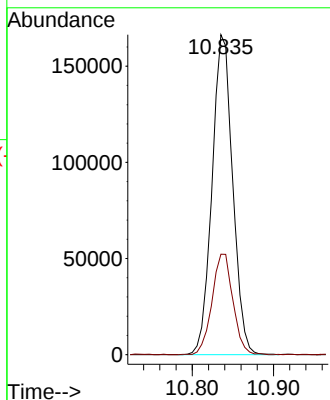
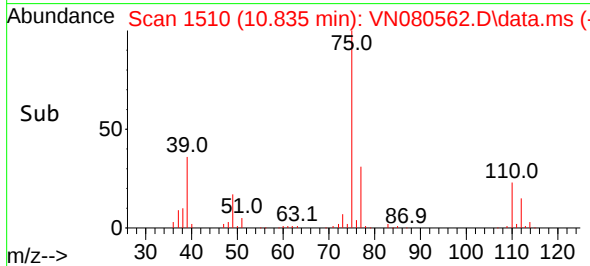
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



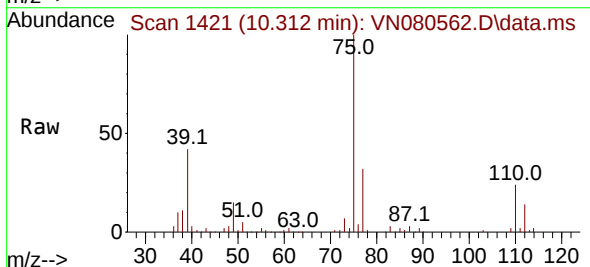
Tgt Ion: 75 Resp: 293589
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0

Manual Integrations
APPROVED

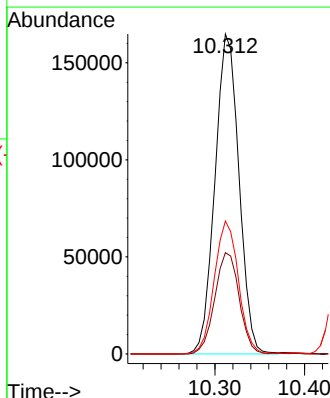
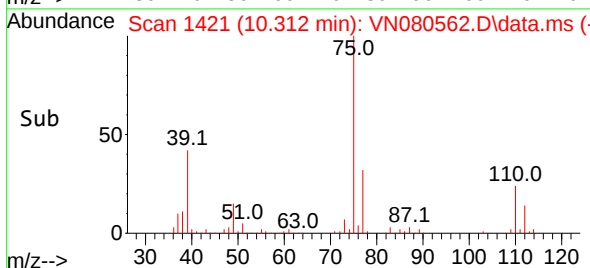
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

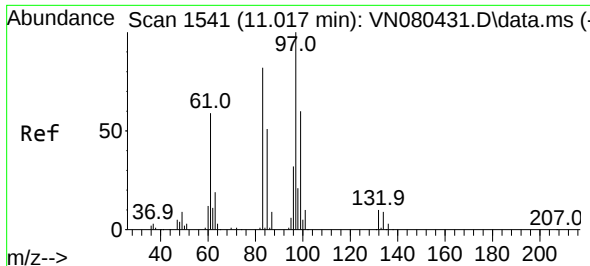


#54
cis-1,3-Dichloropropene
Concen: 49.954 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02



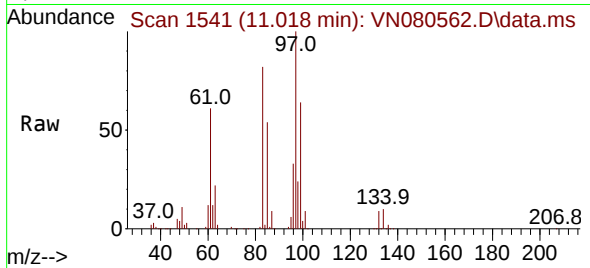
Tgt Ion: 75 Resp: 306166
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1
39 41.5 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 55.235 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

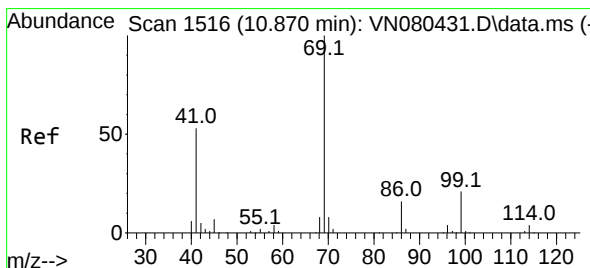
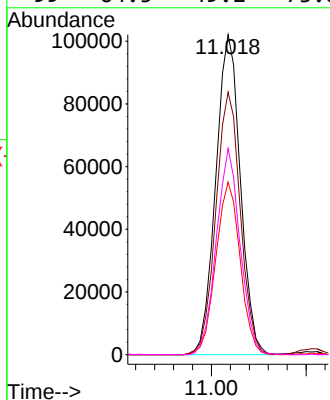
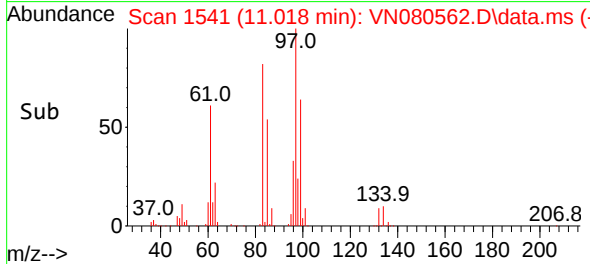
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	18407
Ion Ratio	100	Lower	Upper
97	100		
83	82.0	65.1	97.7
85	53.9	43.4	65.2
99	64.5	49.2	73.8

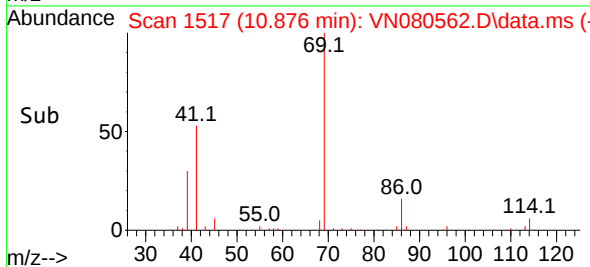
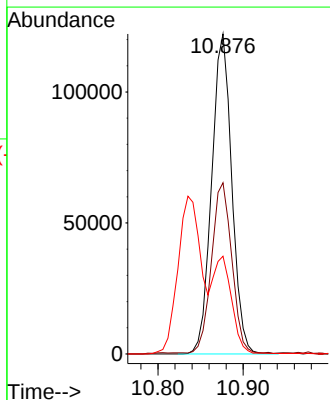
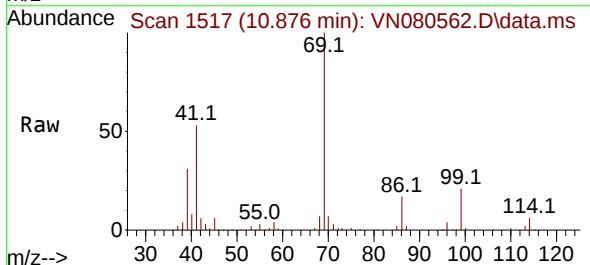
Manual Integrations
APPROVED

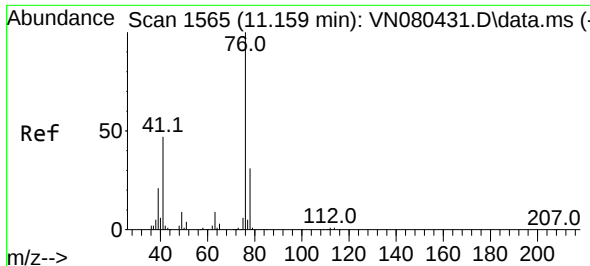
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#56
Ethyl methacrylate
Concen: 54.243 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

Tgt Ion:	69	Resp:	200139
Ion Ratio	100	Lower	Upper
69	100		
41	54.1	39.6	59.4
39	28.2	28.6	43.0





#57

1,3-Dichloropropane

Concen: 54.215 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN080562.D

Acq: 20 Dec 2023 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 316729

Ion Ratio Lower Upper

76 100

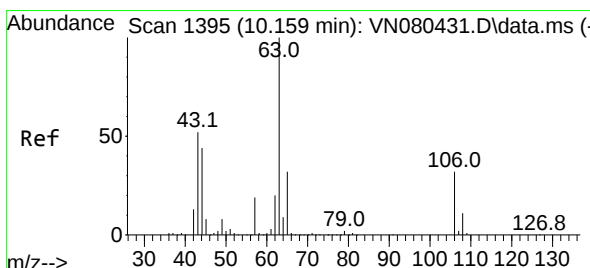
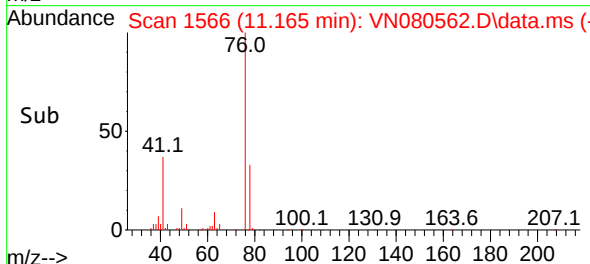
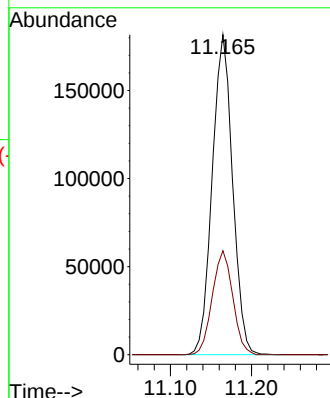
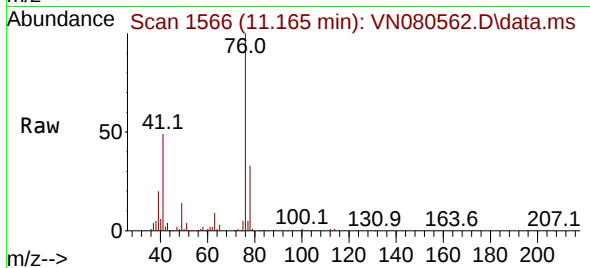
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 274.841 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080562.D

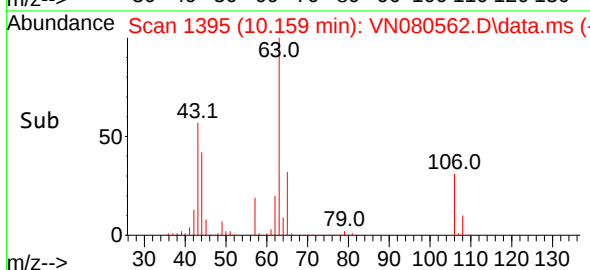
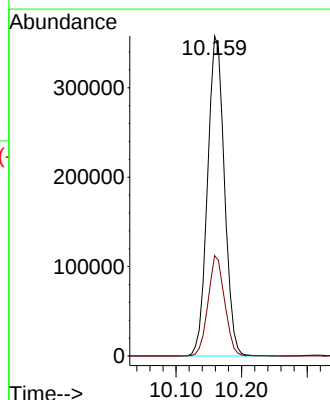
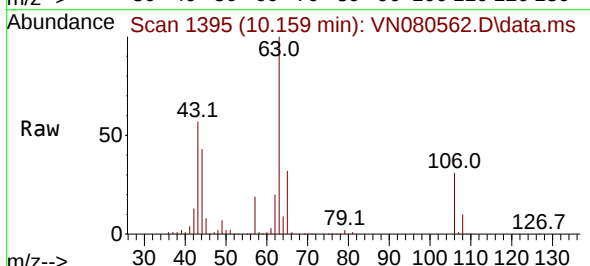
Acq: 20 Dec 2023 22:02

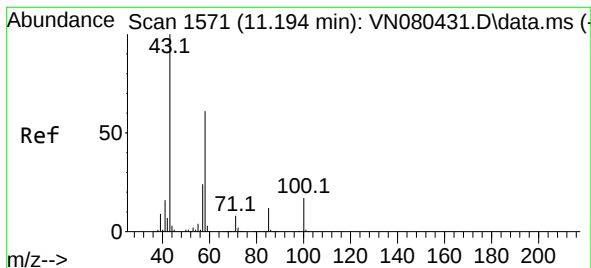
Tgt Ion: 63 Resp: 640188

Ion Ratio Lower Upper

63 100

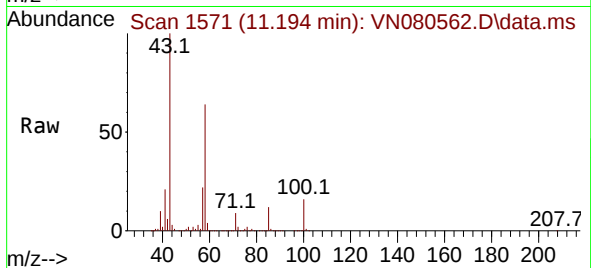
106 30.8 26.2 39.4





#59
2-Hexanone
Concen: 289.356 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

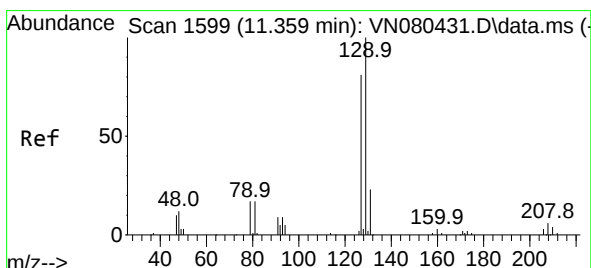
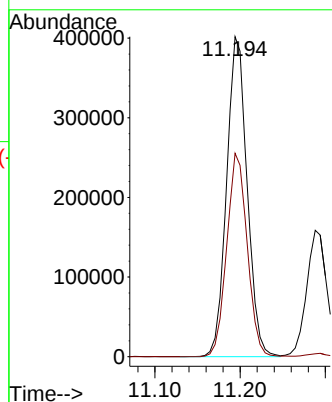
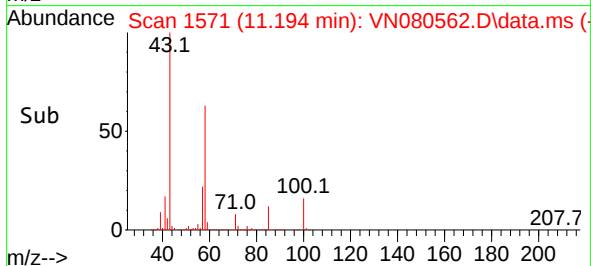
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 672530
Ion Ratio Lower Upper
43 100
58 63.5 31.7 95.1

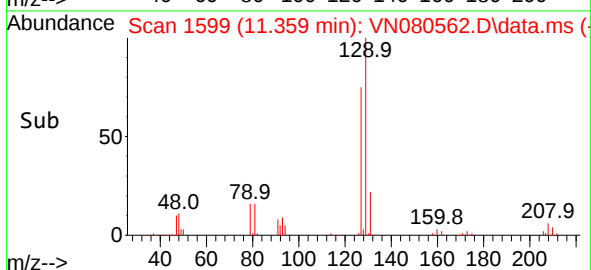
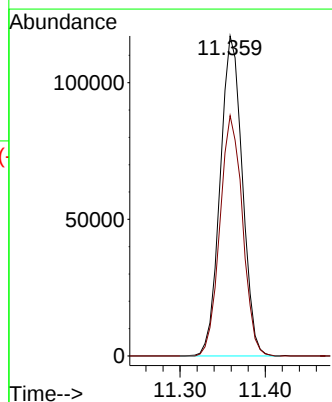
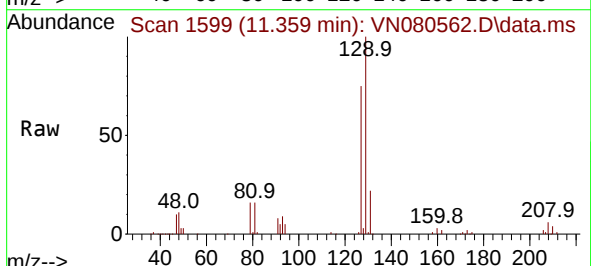
Manual Integrations
APPROVED

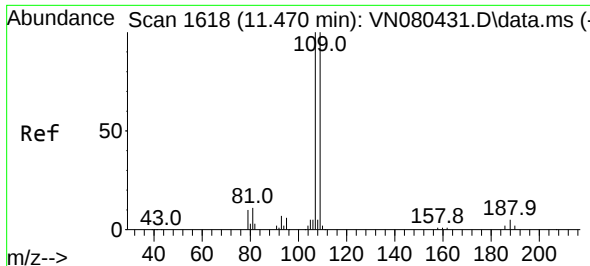
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#60
Dibromochloromethane
Concen: 53.654 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

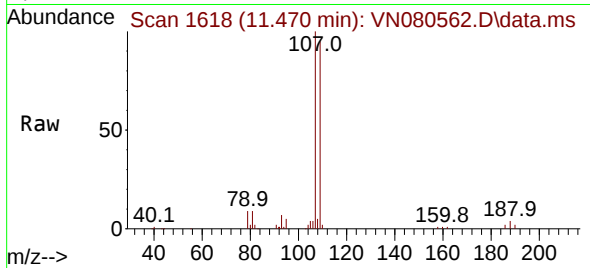
Tgt Ion:129 Resp: 211882
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 54.047 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

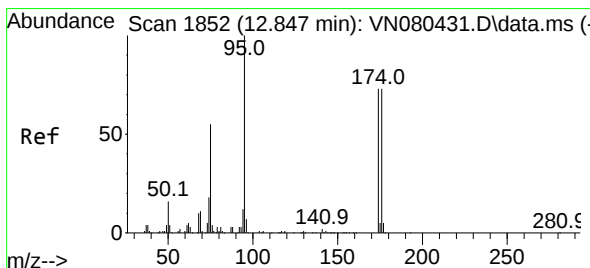
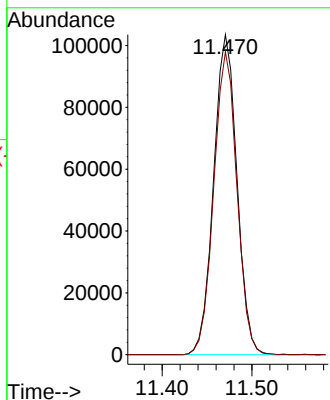
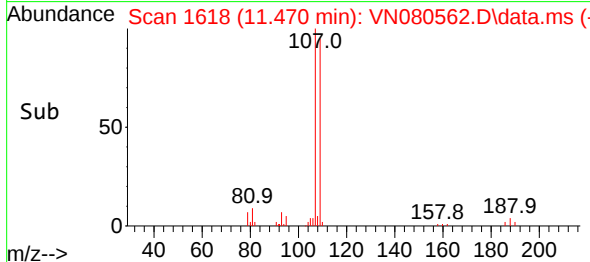
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 186419
Ion Ratio Lower Upper
107 100
109 94.4 76.6 114.8

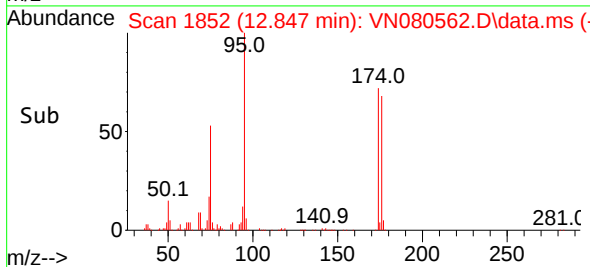
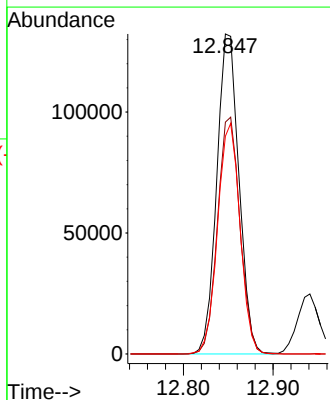
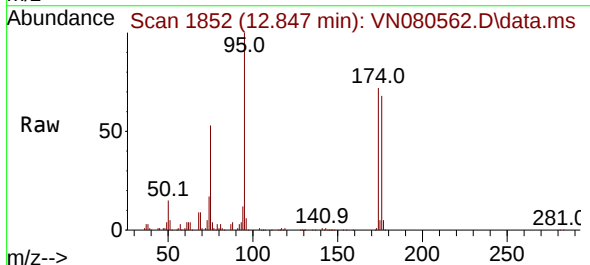
Manual Integrations
APPROVED

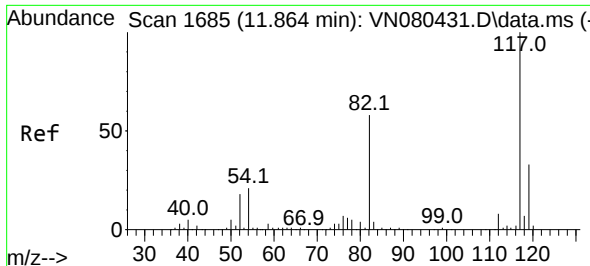
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#62
4-Bromofluorobenzene
Concen: 51.757 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

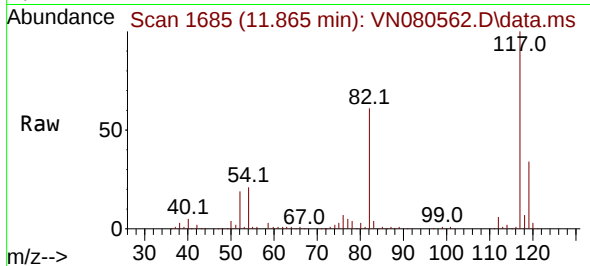
Tgt Ion: 95 Resp: 227600
Ion Ratio Lower Upper
95 100
174 75.0 0.0 143.8
176 72.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

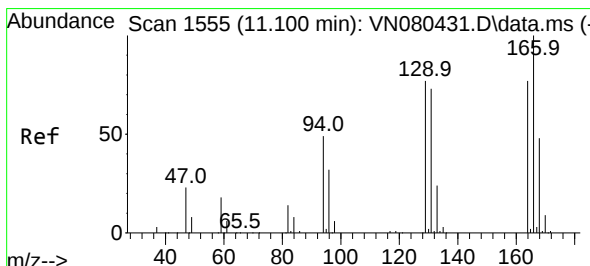
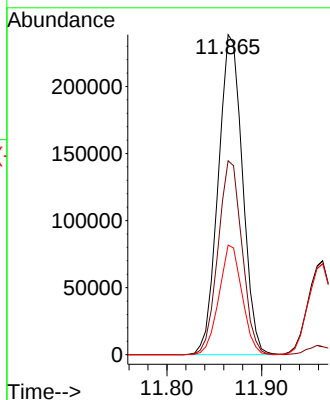
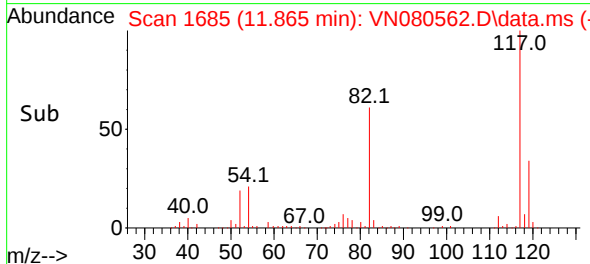
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



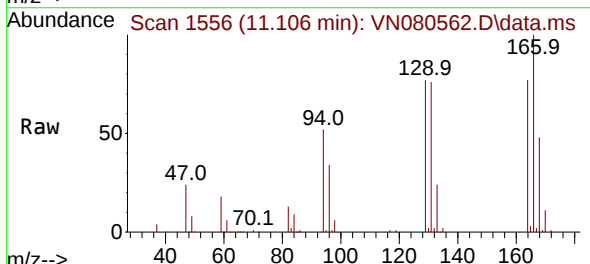
Tgt Ion:117 Resp: 42555
Ion Ratio Lower Upper
117 100
82 60.6 44.0 66.0
119 34.3 25.6 38.4

Manual Integrations
APPROVED

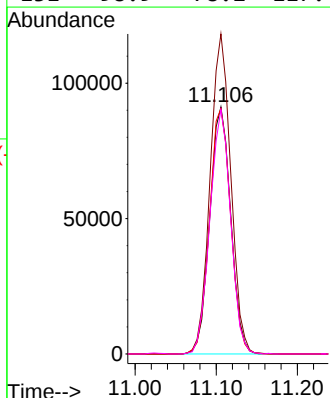
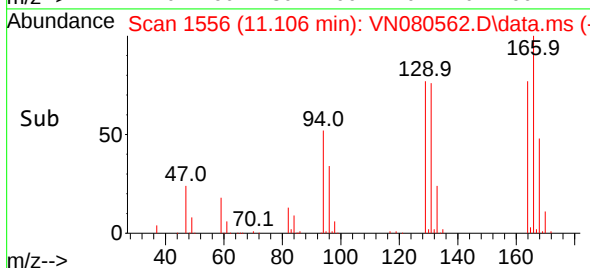
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

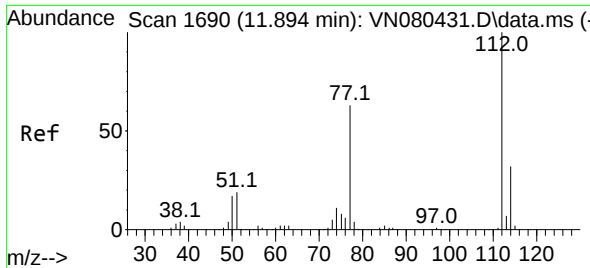


#64
Tetrachloroethene
Concen: 49.839 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02



Tgt Ion:164 Resp: 163753
Ion Ratio Lower Upper
164 100
166 129.5 101.4 152.0
129 99.4 82.4 123.6
131 98.9 78.2 117.4





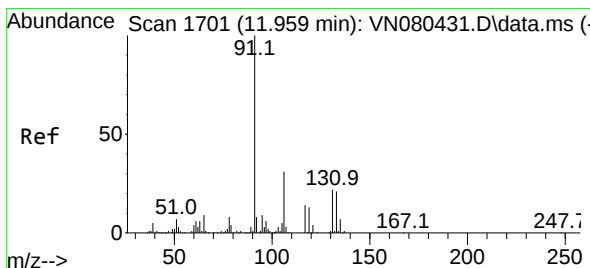
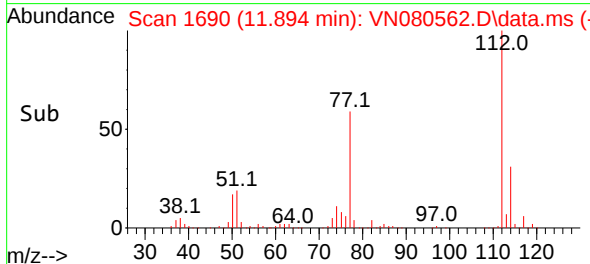
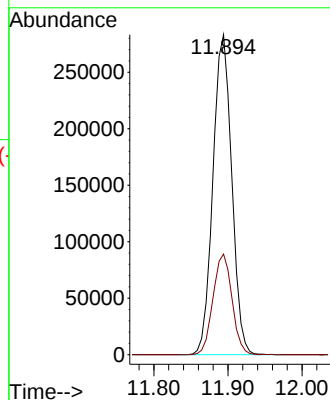
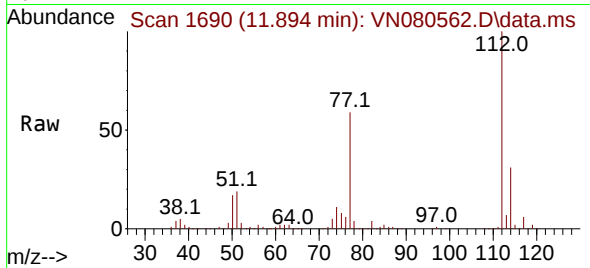
#65
Chlorobenzene
Concen: 52.724 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 49911
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.4

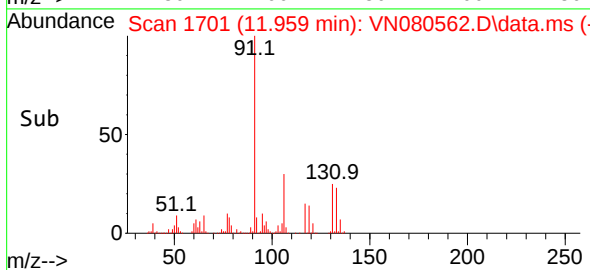
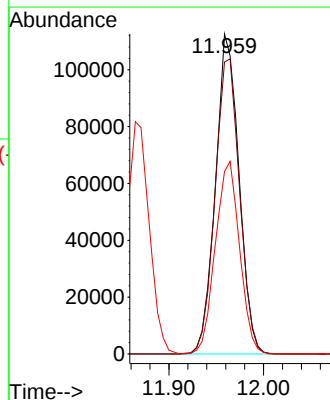
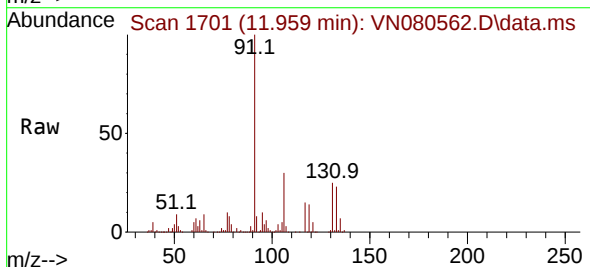
Manual Integrations
APPROVED

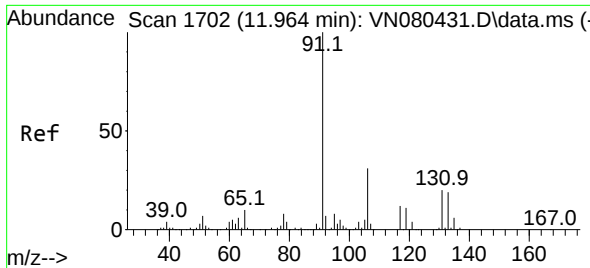
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 52.296 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

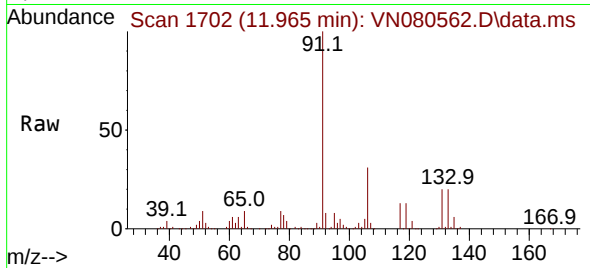
Tgt Ion:131 Resp: 194252
Ion Ratio Lower Upper
131 100
133 96.3 46.4 139.1
119 62.1 34.1 102.2





#67
Ethyl Benzene
Concen: 50.847 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

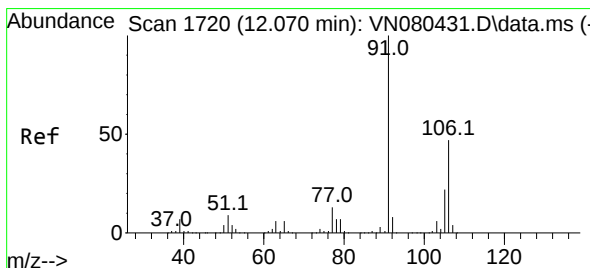
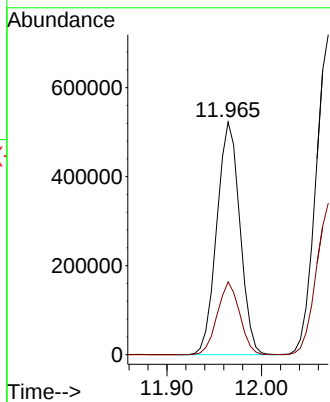
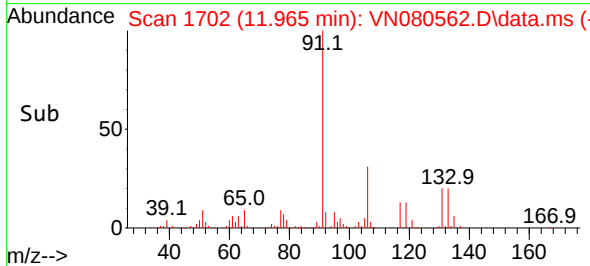
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 88507
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

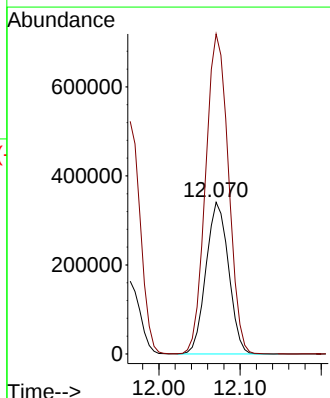
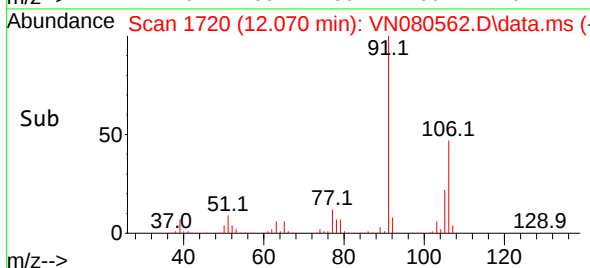
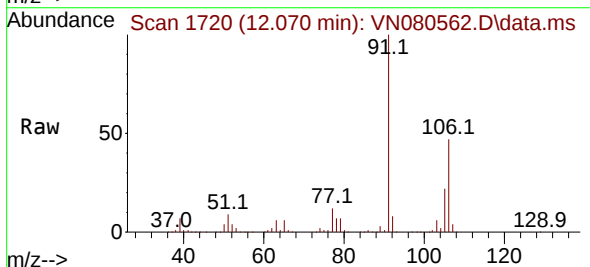
Manual Integrations
APPROVED

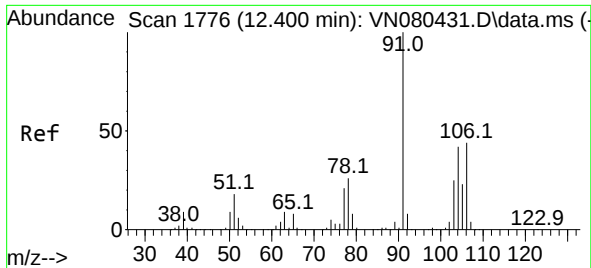
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#68
m/p-Xylenes
Concen: 102.425 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

Tgt Ion:106 Resp: 658804
Ion Ratio Lower Upper
106 100
91 213.4 159.6 239.4





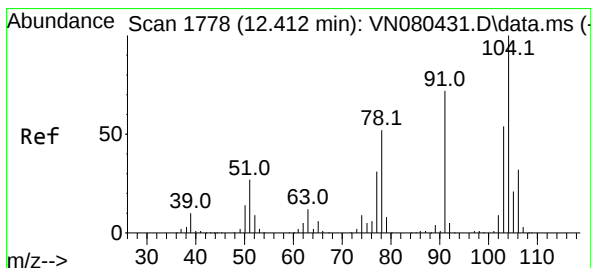
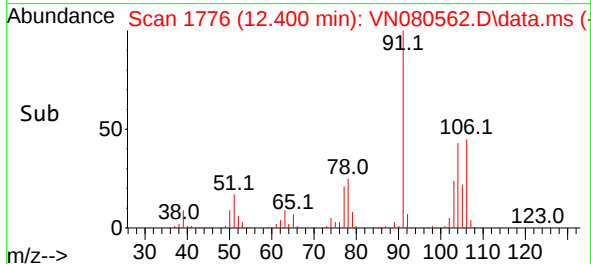
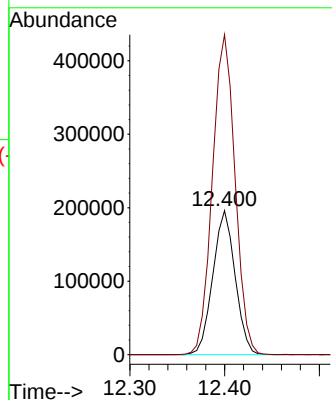
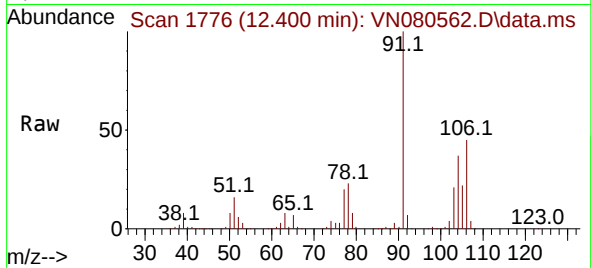
#69
o-Xylene
Concen: 50.988 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 32078
Ion Ratio Lower Upper
106 100
91 226.0 105.2 315.5

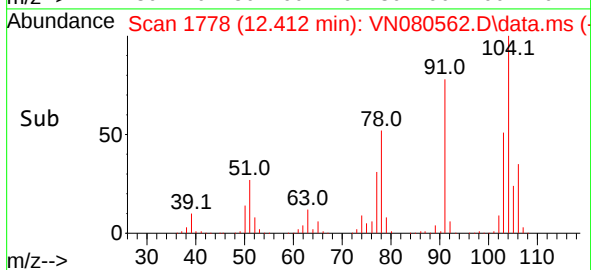
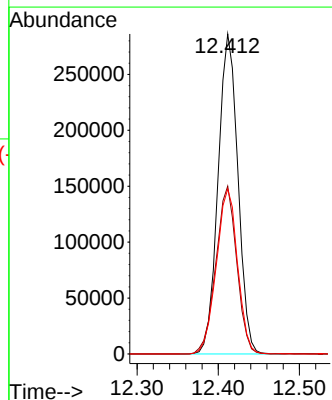
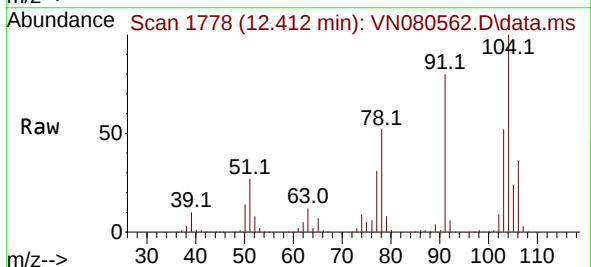
Manual Integrations
APPROVED

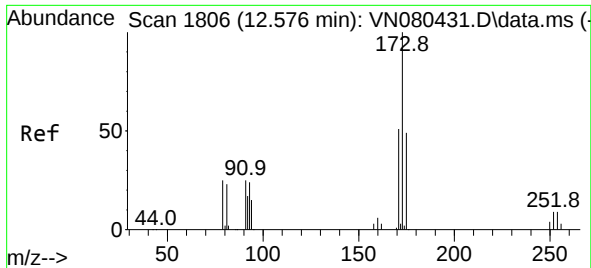
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#70
Styrene
Concen: 53.716 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

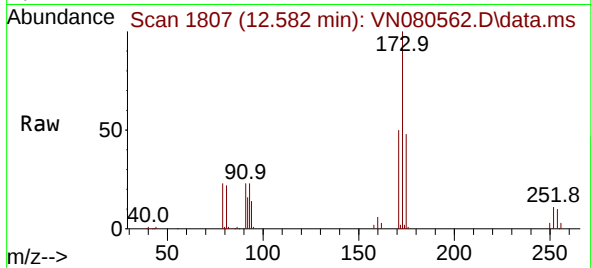
Tgt Ion:104 Resp: 486780
Ion Ratio Lower Upper
104 100
78 55.0 39.5 59.3
103 55.0 43.2 64.8





#71
Bromoform
Concen: 50.708 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

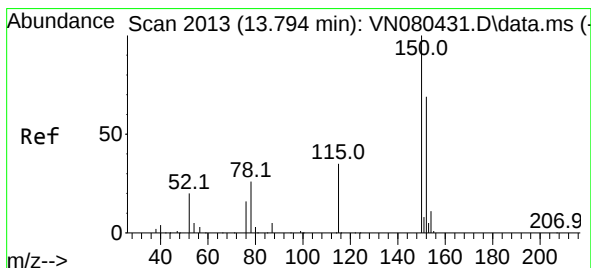
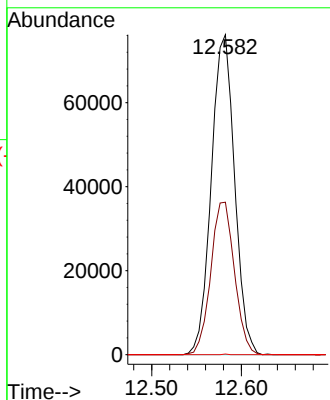
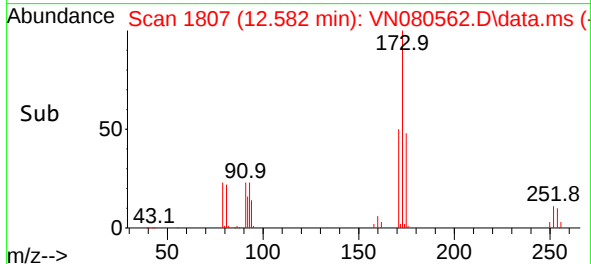
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 13735
Ion Ratio Lower Upper
173 100
175 48.4 24.3 73.0
254 0.0 0.0 0.0

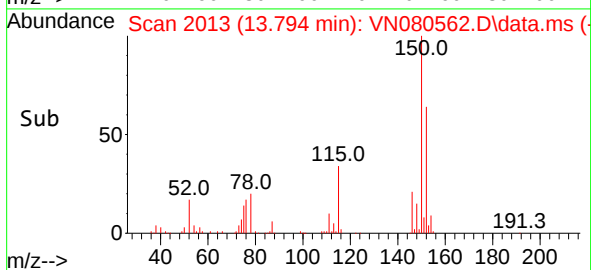
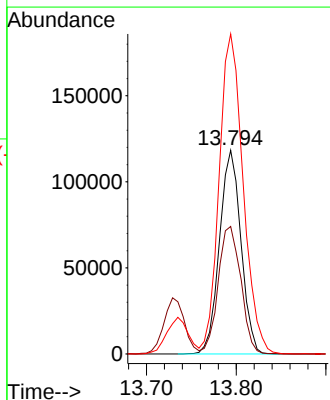
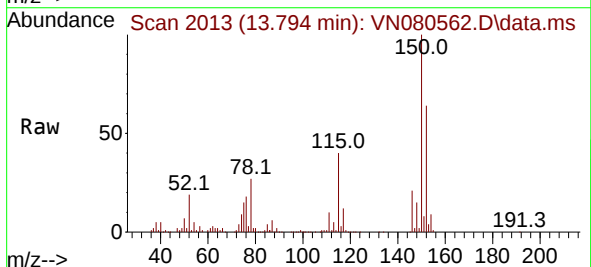
Manual Integrations
APPROVED

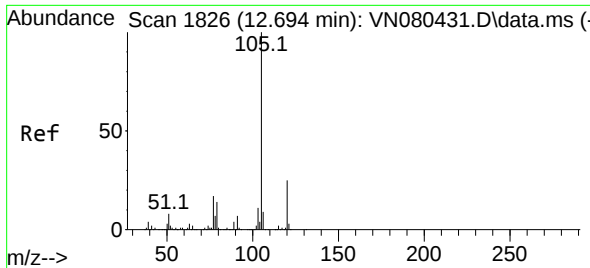
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

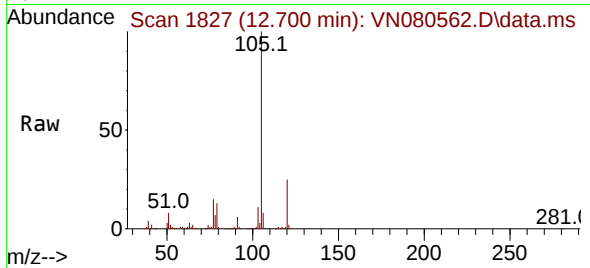
Tgt Ion:152 Resp: 196638
Ion Ratio Lower Upper
152 100
115 66.0 32.3 96.8
150 175.6 0.0 355.8





#73
Isopropylbenzene
Concen: 52.785 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

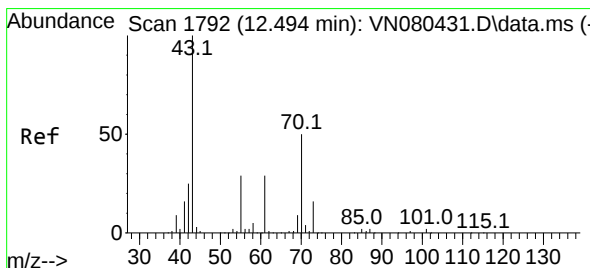
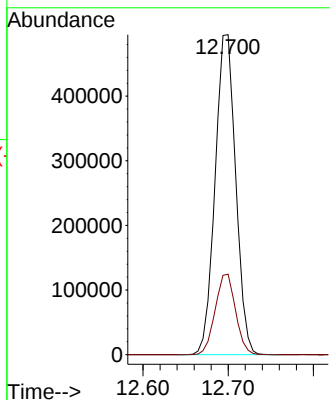
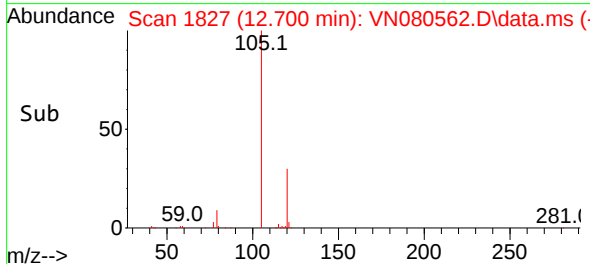
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



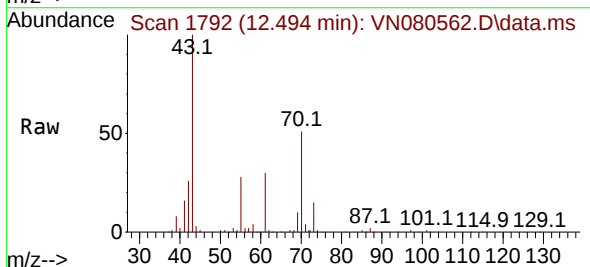
Tgt Ion:105 Resp: 833815
Ion Ratio Lower Upper
105 100
120 24.9 13.1 39.1

Manual Integrations
APPROVED

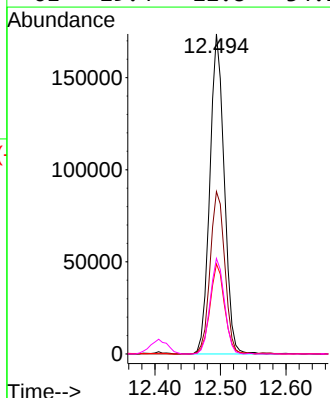
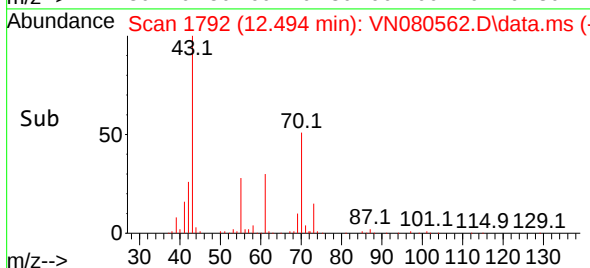
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

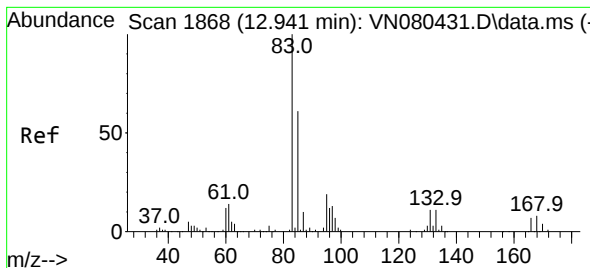


#74
N-ethyl acetate
Concen: 57.638 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02



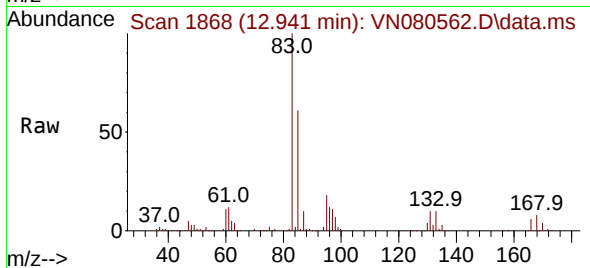
Tgt Ion: 43 Resp: 265878
Ion Ratio Lower Upper
43 100
70 51.5 43.4 65.2
55 28.4 21.4 32.0
61 29.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 55.688 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

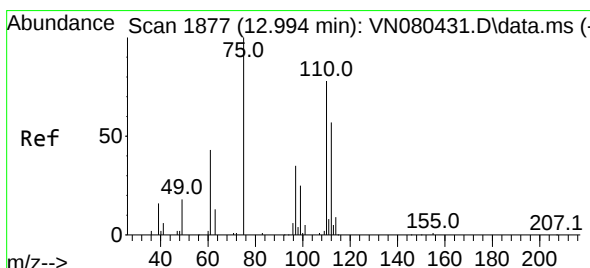
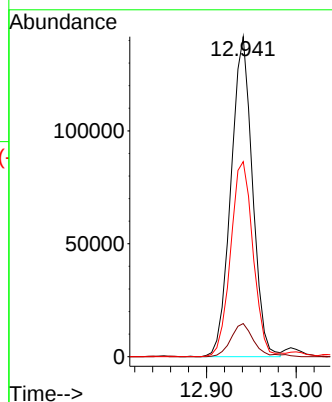
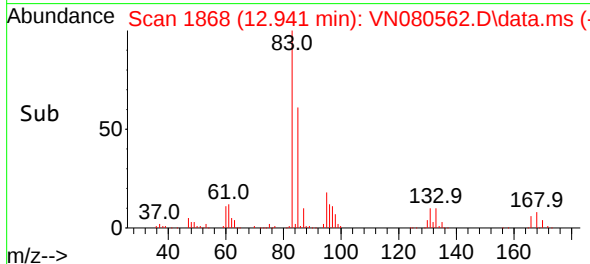
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



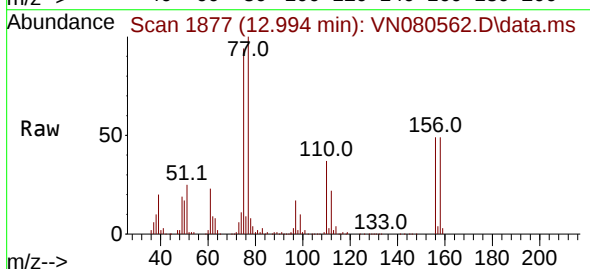
Tgt Ion: 83 Resp: 235719
Ion Ratio Lower Upper
83 100
131 11.1 5.0 15.0
85 63.9 31.9 95.7

Manual Integrations
APPROVED

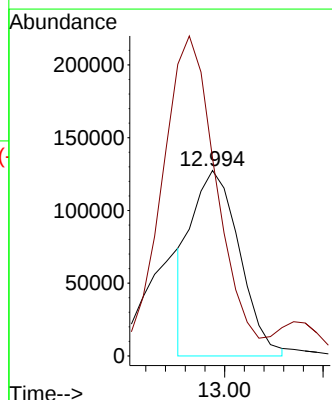
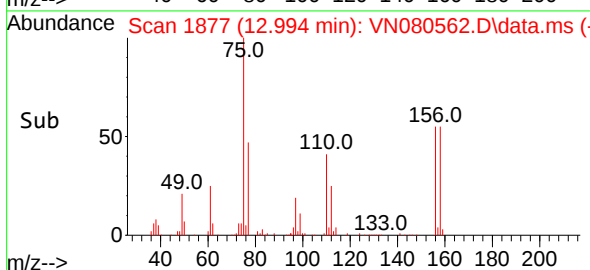
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

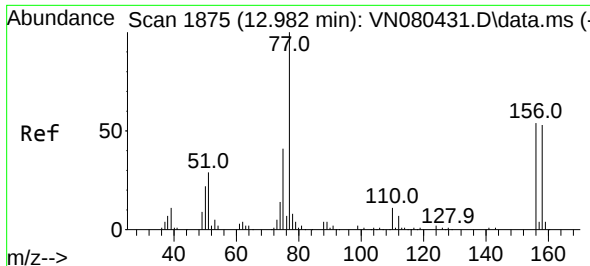


#76
1,2,3-Trichloropropane
Concen: 54.900 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02



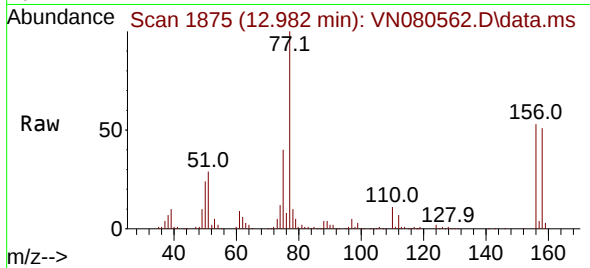
Tgt Ion: 75 Resp: 215363
Ion Ratio Lower Upper
75 100
77 197.7 84.5 253.5





#77
Bromobenzene
Concen: 52.086 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

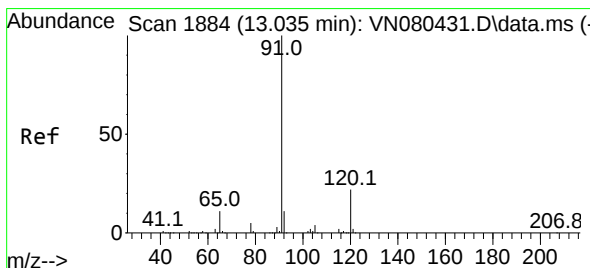
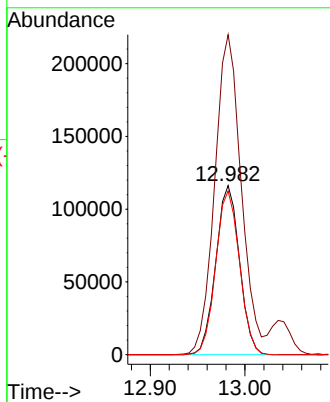
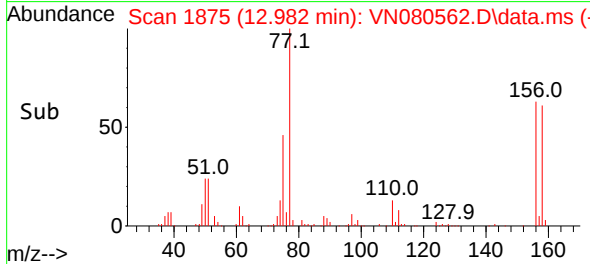
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



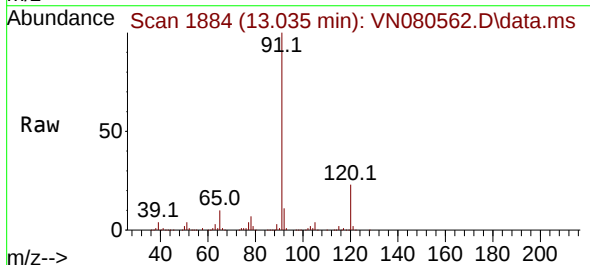
Tgt Ion:156 Resp: 202400
Ion Ratio Lower Upper
156 100
77 210.3 107.7 323.3
158 96.9 48.4 145.3

Manual Integrations
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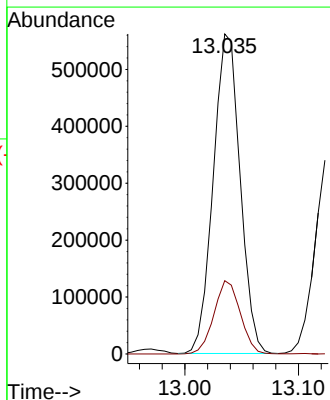
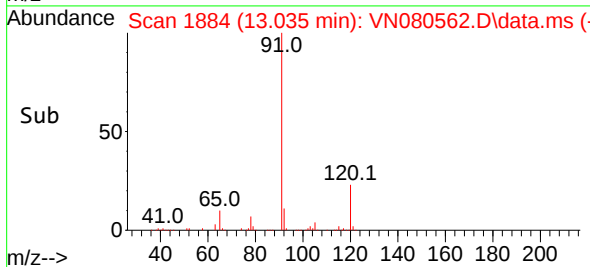
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

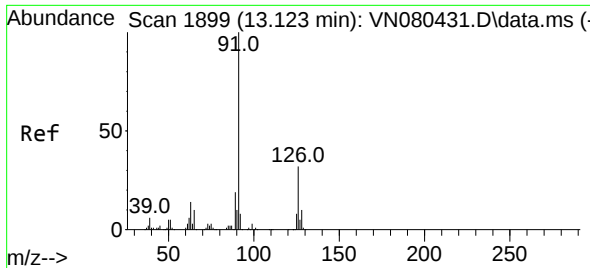


#78
n-propylbenzene
Concen: 52.997 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02



Tgt Ion: 91 Resp: 923033
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4





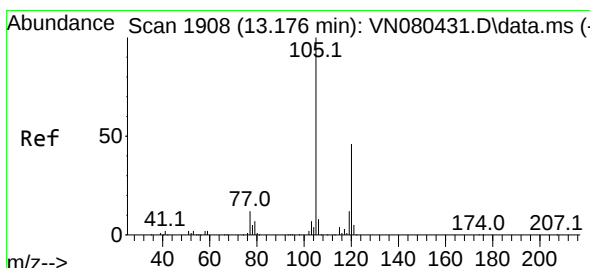
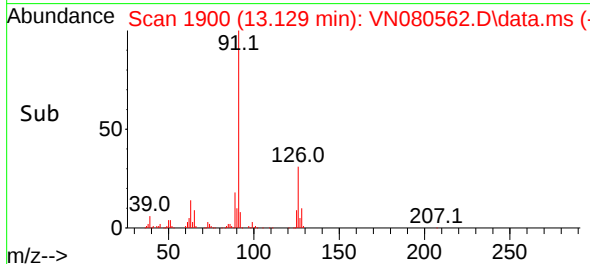
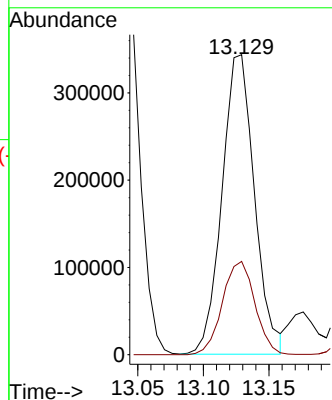
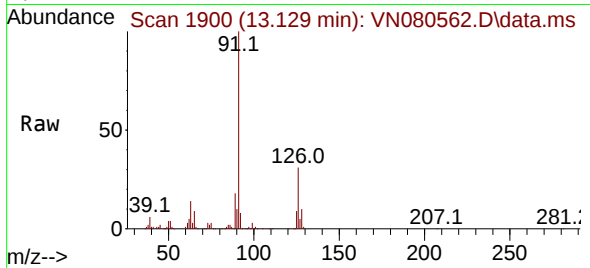
#79
2-Chlorotoluene
Concen: 52.023 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 59153
Ion Ratio Lower Upper
91 100
126 31.2 16.3 48.8

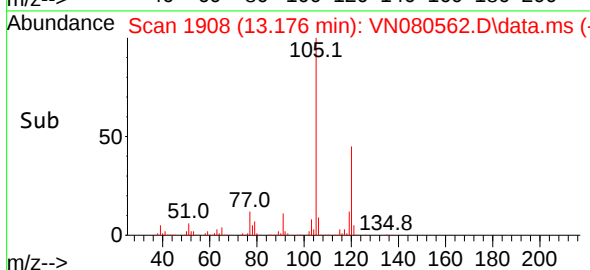
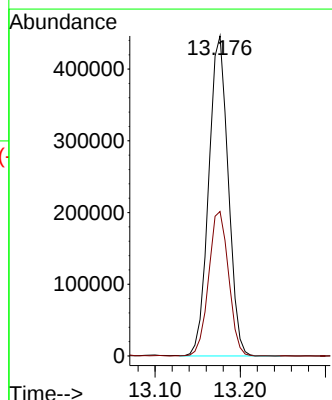
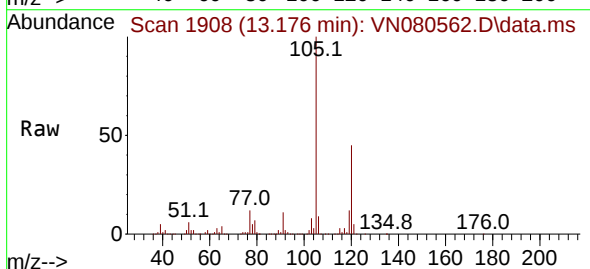
Manual Integrations
APPROVED

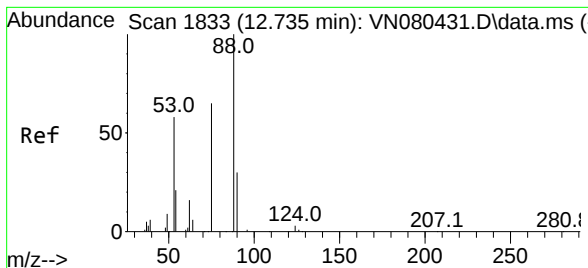
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.019 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

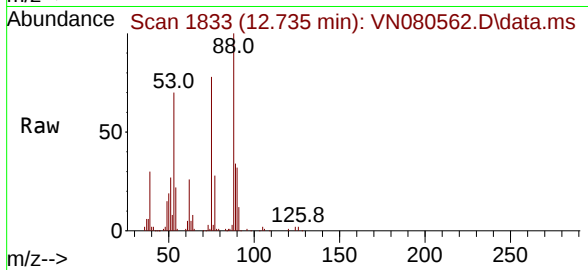
Tgt Ion:105 Resp: 707704
Ion Ratio Lower Upper
105 100
120 46.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 51.207 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

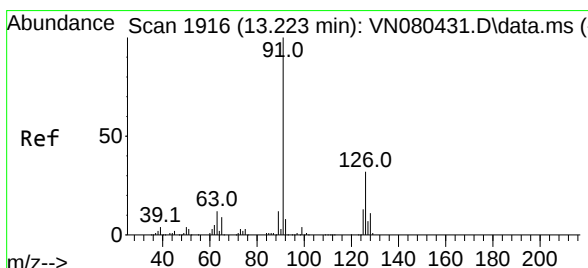
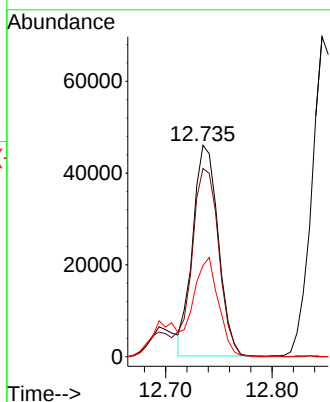
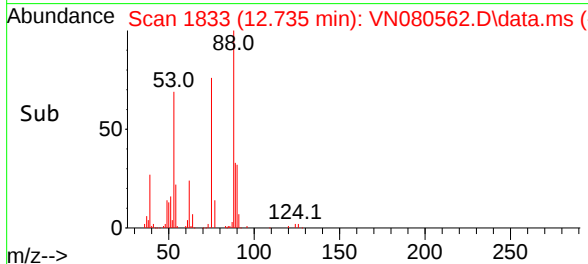
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 76508
Ion Ratio Lower Upper
75 100
53 95.1 67.4 101.2
89 47.1 38.8 58.2

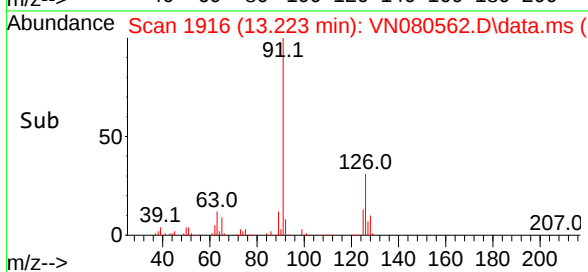
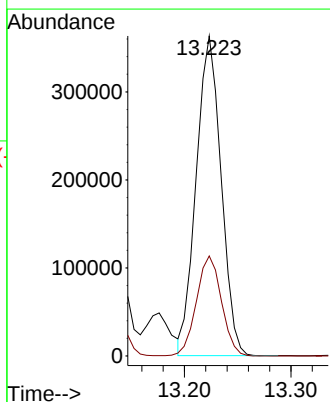
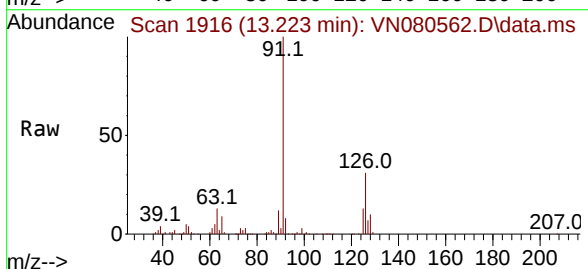
Manual Integrations
APPROVED

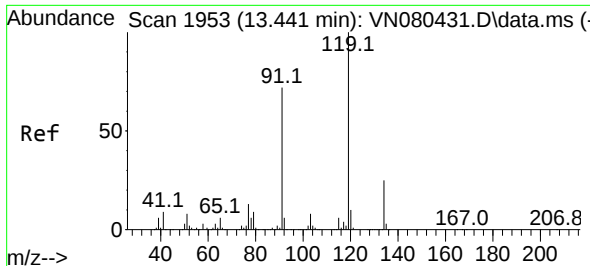
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#82
4-Chlorotoluene
Concen: 50.506 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

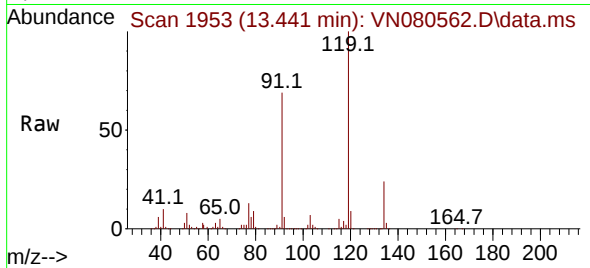
Tgt Ion: 91 Resp: 590280
Ion Ratio Lower Upper
91 100
126 31.4 16.7 50.0





#83
tert-Butylbenzene
Concen: 51.197 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

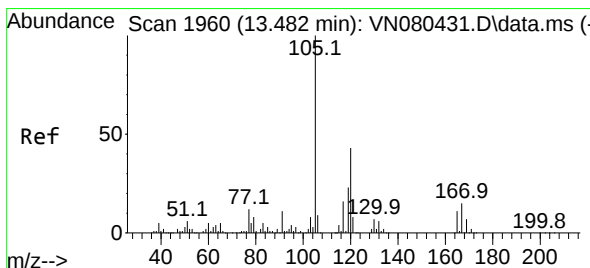
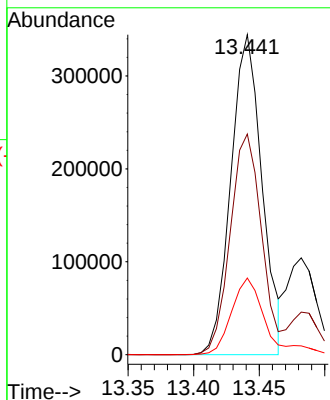
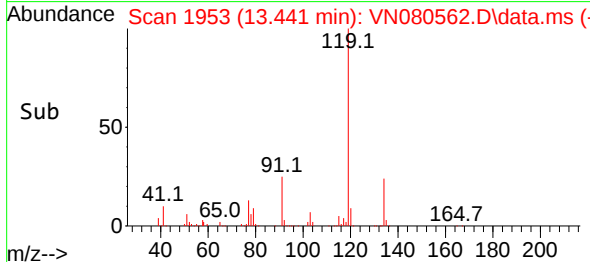
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



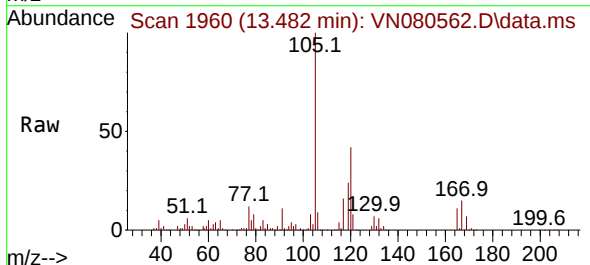
Tgt Ion:119 Resp: 57042
Ion Ratio Lower Upper
119 100
91 70.6 33.9 101.7
134 26.0 13.2 39.6

Manual Integrations
APPROVED

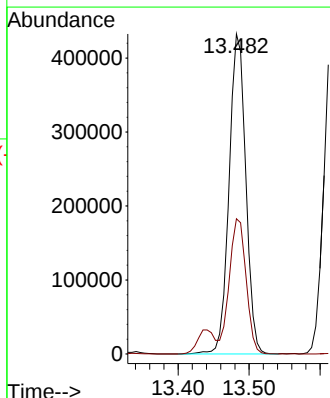
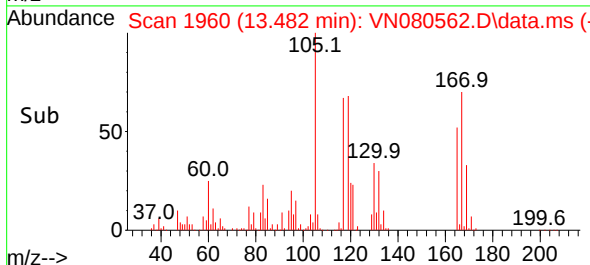
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

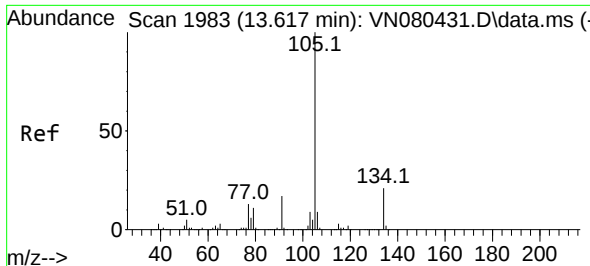


#84
1,2,4-Trimethylbenzene
Concen: 52.209 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02



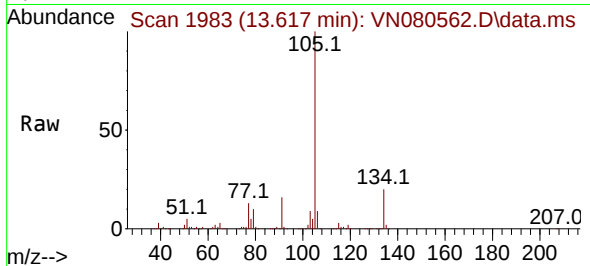
Tgt Ion:105 Resp: 706619
Ion Ratio Lower Upper
105 100
120 43.1 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 51.878 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080562.D
 Acq: 20 Dec 2023 22:02

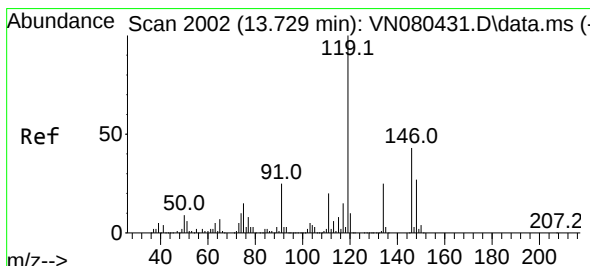
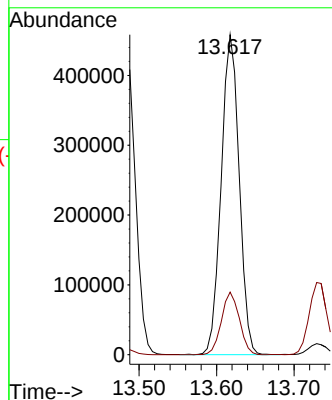
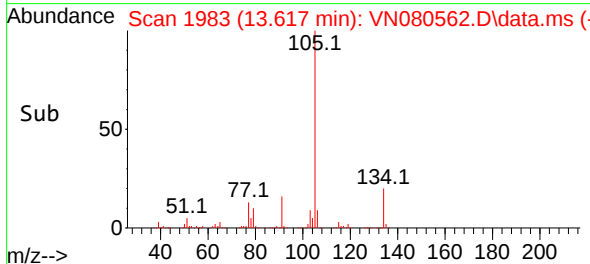
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



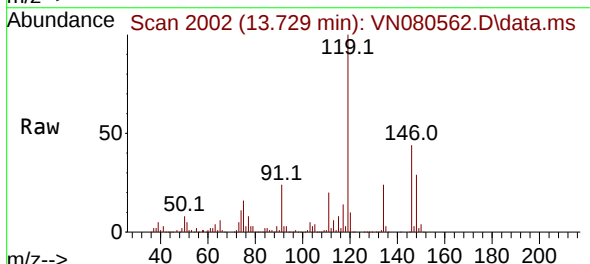
Tgt Ion:105 Resp: 739400
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
 APPROVED

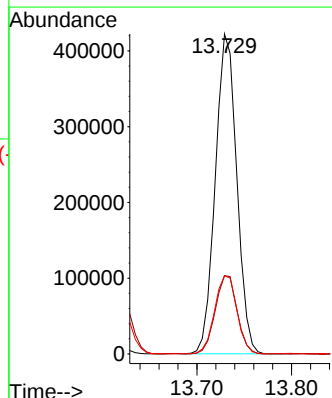
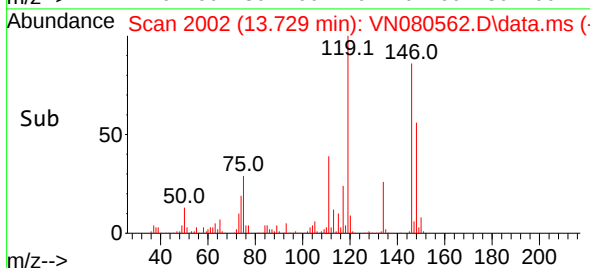
Reviewed By :John Carlone 12/21/2023
 Supervised By :Mahesh Dadoda 12/21/2023

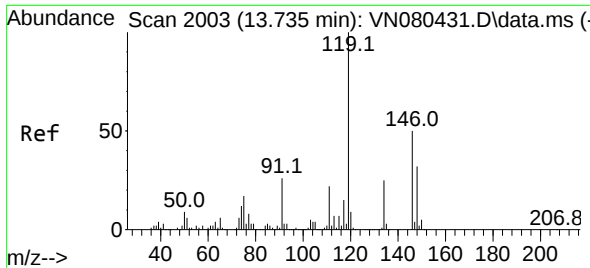


#86
 p-Isopropyltoluene
 Concen: 51.620 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080562.D
 Acq: 20 Dec 2023 22:02



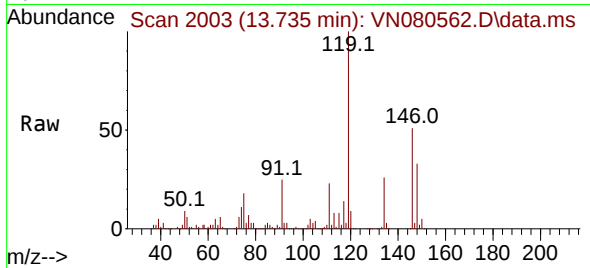
Tgt Ion:119 Resp: 664306
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.6 37.8
 91 25.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 50.296 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

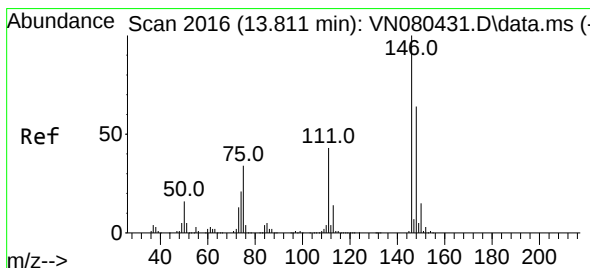
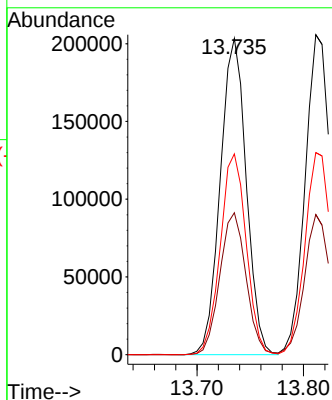
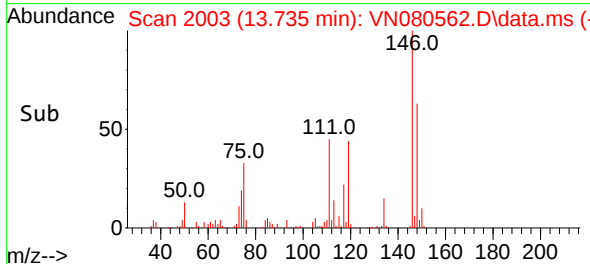
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 344354
Ion Ratio Lower Upper
146 100
111 45.3 22.1 66.3
148 63.3 32.0 96.0

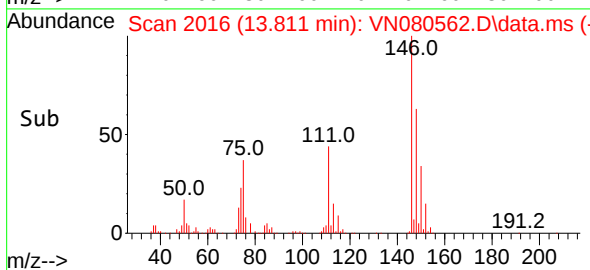
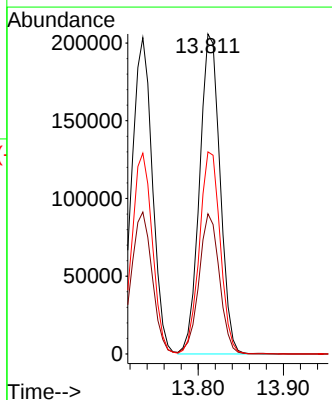
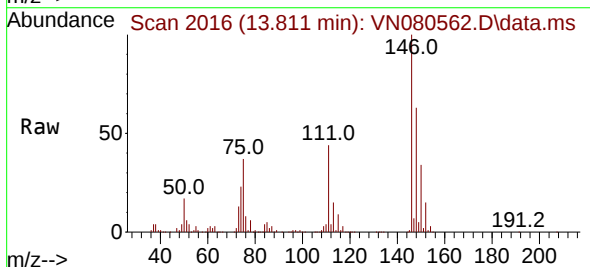
Manual Integrations
APPROVED

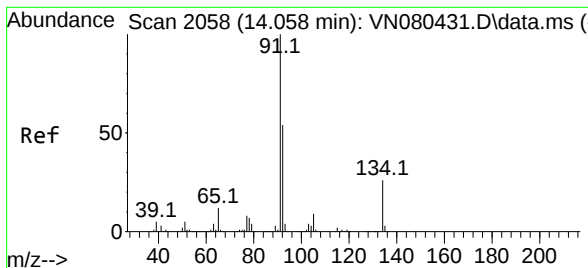
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#88
1,4-Dichlorobenzene
Concen: 49.701 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

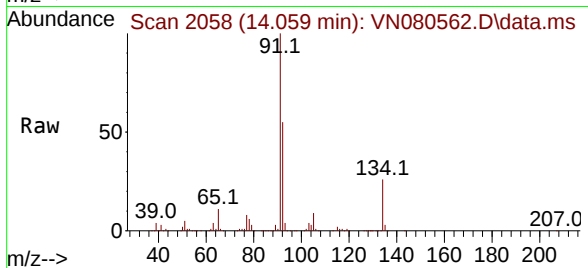
Tgt Ion:146 Resp: 343487
Ion Ratio Lower Upper
146 100
111 43.5 20.6 61.8
148 64.2 31.6 94.8





#89
n-Butylbenzene
Concen: 51.301 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

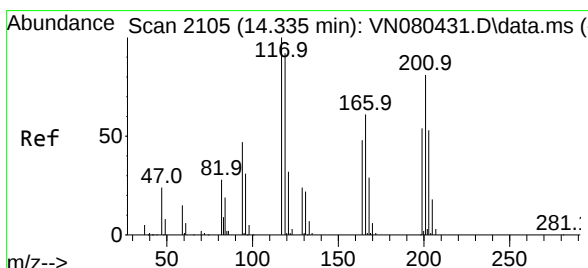
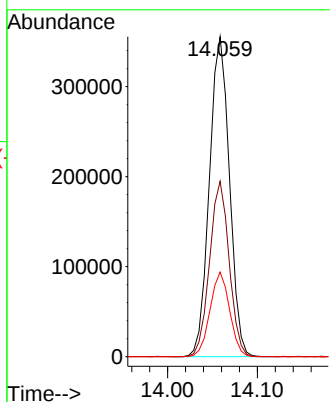
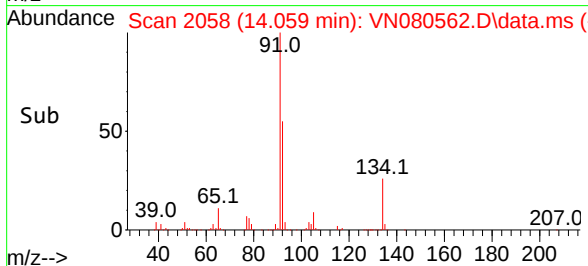
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 551335
Ion Ratio Lower Upper
91 100
92 53.5 26.4 79.0
134 25.8 12.6 37.6

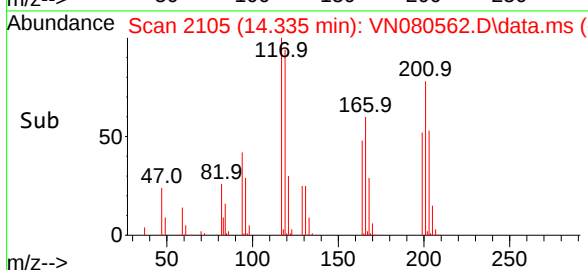
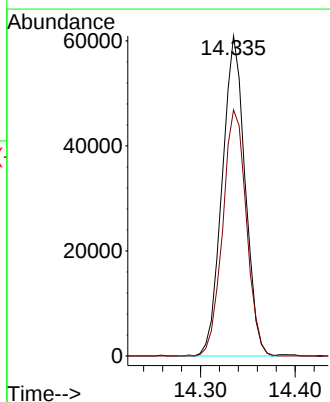
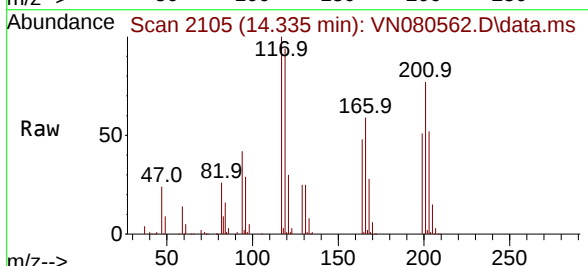
Manual Integrations
APPROVED

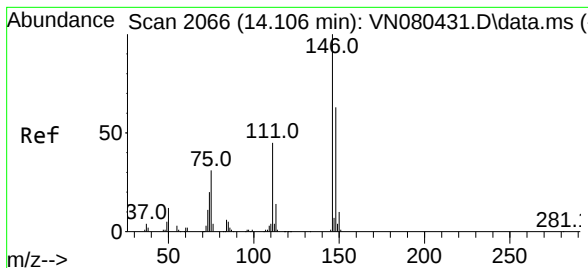
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#90
Hexachloroethane
Concen: 50.114 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

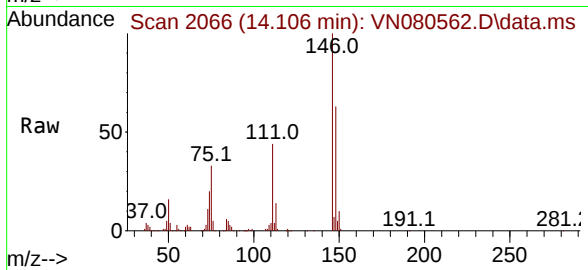
Tgt Ion:117 Resp: 102422
Ion Ratio Lower Upper
117 100
201 79.4 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 51.584 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

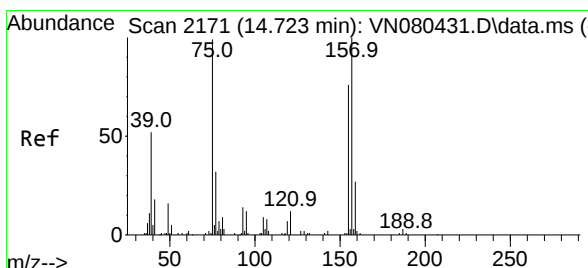
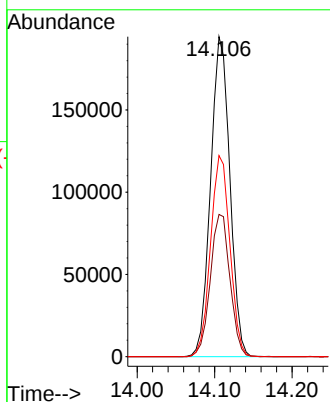
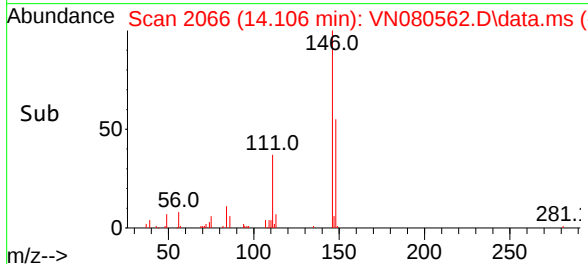
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 33536
Ion Ratio Lower Upper
146 100
111 45.5 22.0 66.0
148 63.3 31.8 95.3

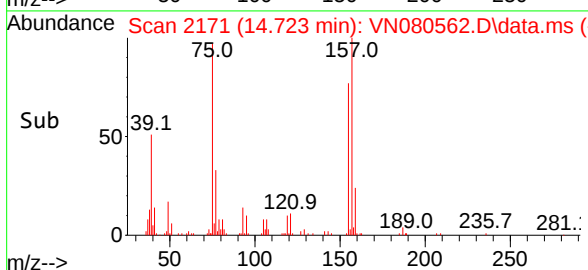
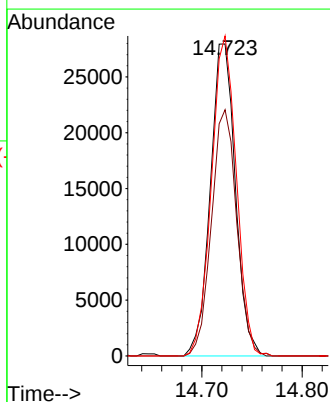
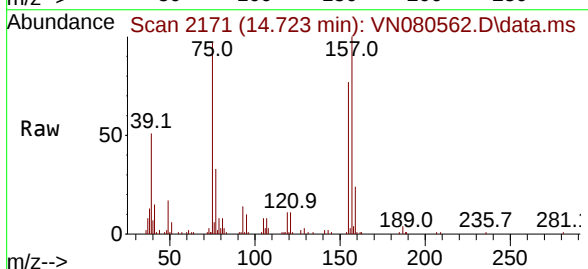
Manual Integrations
APPROVED

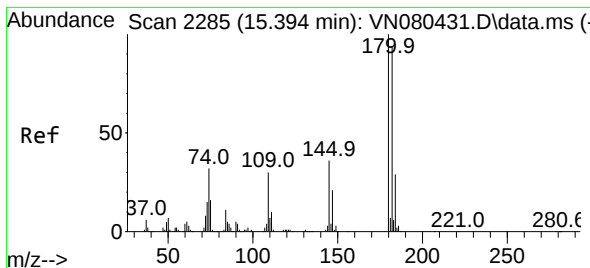
Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.516 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

Tgt Ion: 75 Resp: 48538
Ion Ratio Lower Upper
75 100
155 79.4 39.1 117.2
157 102.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 52.976 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080562.D

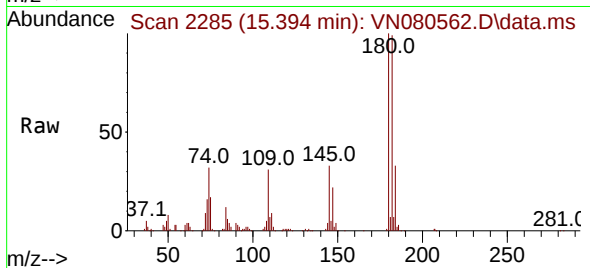
Acq: 20 Dec 2023 22:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 191224

Ion Ratio Lower Upper

180 100

182 95.4 46.1 138.2

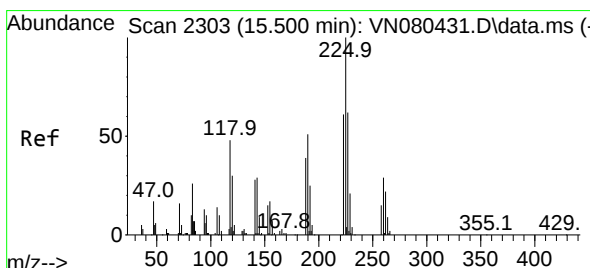
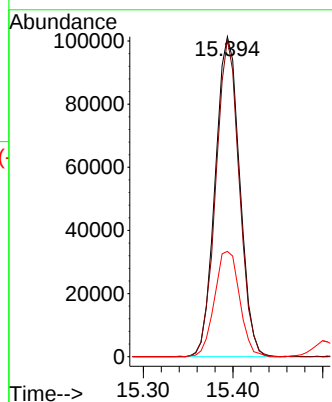
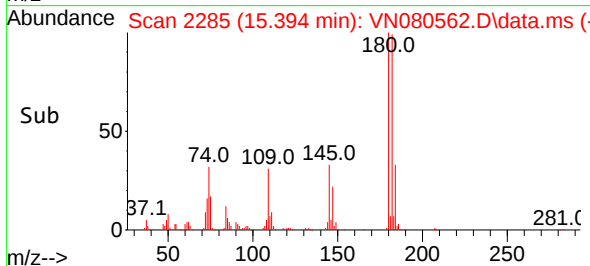
145 34.0 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#94

Hexachlorobutadiene

Concen: 45.433 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN080562.D

Acq: 20 Dec 2023 22:02

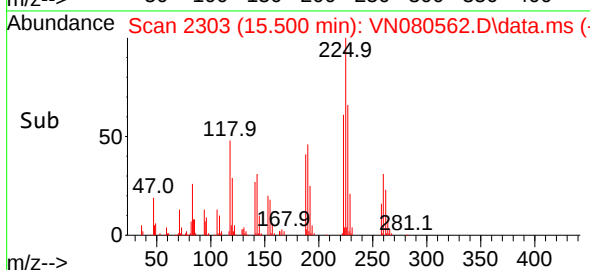
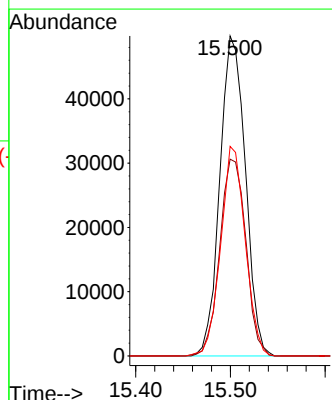
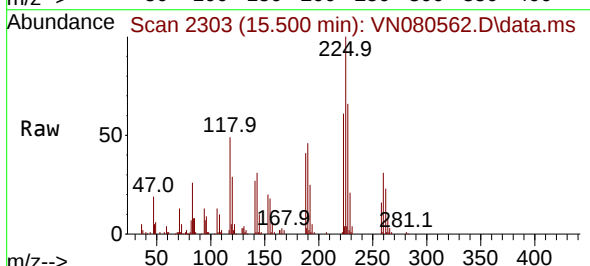
Tgt Ion:225 Resp: 93364

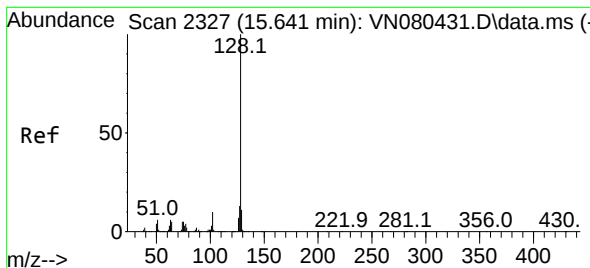
Ion Ratio Lower Upper

225 100

223 62.7 31.3 93.8

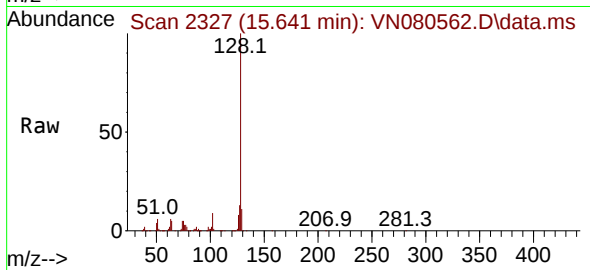
227 62.9 31.9 95.9





#95
Naphthalene
Concen: 56.143 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02

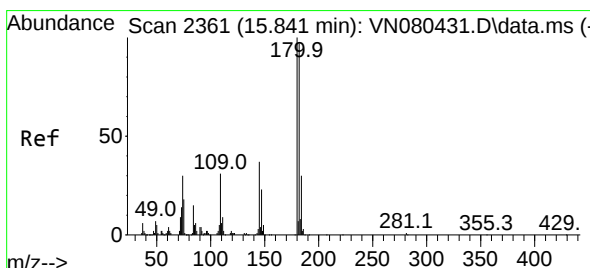
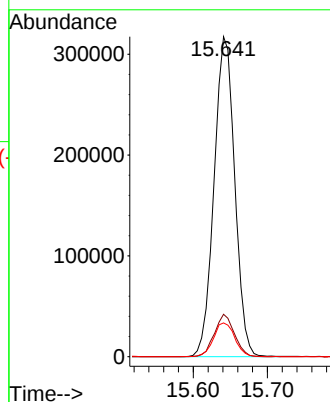
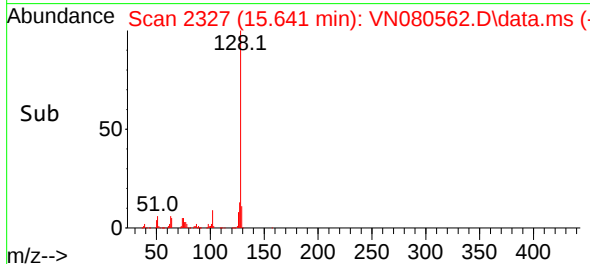
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



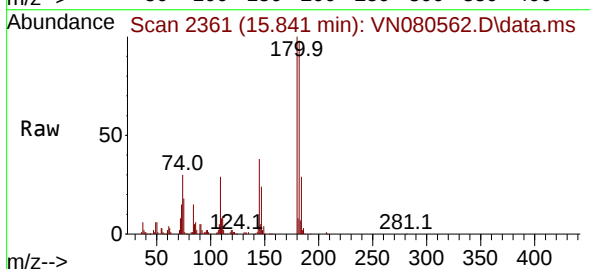
Tgt Ion:128 Resp: 61538
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 52.881 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080562.D
Acq: 20 Dec 2023 22:02



Tgt Ion:180 Resp: 184199
Ion Ratio Lower Upper
180 100
182 96.4 46.2 138.6
145 37.1 17.5 52.6

