

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080509.D
 Acq On : 19 Dec 2023 10:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2023
 Supervised By : Mahesh Dadoda 12/20/2023

Quant Time: Dec 20 03:56:50 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	278242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	439807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	387466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	183189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	198112	55.747	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.500%			
35) Dibromofluoromethane	8.165	113	151960	54.494	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.980%			
50) Toluene-d8	10.571	98	559218	53.772	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.540%			
62) 4-Bromofluorobenzene	12.847	95	206559	52.305	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	176423	49.617	ug/l	97
3) Chloromethane	2.359	50	166404	44.246	ug/l	98
4) Vinyl Chloride	2.512	62	137847	45.395	ug/l	98
5) Bromomethane	2.953	94	63770	46.579	ug/l	98
6) Chloroethane	3.124	64	87875	45.035	ug/l	97
7) Trichlorofluoromethane	3.501	101	306390	49.747	ug/l	98
8) Diethyl Ether	3.959	74	95085	49.014	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	148269	50.790	ug/l	95
10) Methyl Iodide	4.583	142	109026	42.460	ug/l #	87
11) Tert butyl alcohol	5.506	59	93856	224.247	ug/l	100
12) 1,1-Dichloroethene	4.336	96	143226	47.883	ug/l	93
13) Acrolein	4.171	56	138500	302.166	ug/l	95
14) Allyl chloride	5.024	41	174109	47.046	ug/l	95
15) Acrylonitrile	5.706	53	294553	249.072	ug/l	100
16) Acetone	4.418	43	177518	281.718	ug/l	99
17) Carbon Disulfide	4.706	76	373025	44.005	ug/l	99
18) Methyl Acetate	5.012	43	216764	53.462	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	504755	50.579	ug/l	98
20) Methylene Chloride	5.277	84	160302	47.536	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	157752	48.639	ug/l	90
22) Diisopropyl ether	6.671	45	406984	50.953	ug/l	96
23) Vinyl Acetate	6.594	43	1109106	241.768	ug/l	93
24) 1,1-Dichloroethane	6.559	63	280998	50.423	ug/l	98
25) 2-Butanone	7.477	43	310210	255.551	ug/l	92
26) 2,2-Dichloropropane	7.488	77	284369	49.902	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	182695	49.764	ug/l	90
28) Bromochloromethane	7.806	49	100236	46.846	ug/l	98
29) Tetrahydrofuran	7.835	42	212206	244.127	ug/l	92
30) Chloroform	7.965	83	317966	51.402	ug/l	92
31) Cyclohexane	8.259	56	218231	45.156	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	305466	50.435	ug/l	99
36) 1,1-Dichloropropene	8.371	75	229246	50.279	ug/l	96
37) Ethyl Acetate	7.559	43	135978	47.626	ug/l	97
38) Carbon Tetrachloride	8.359	117	277838	50.998	ug/l	95
39) Methylcyclohexane	9.600	83	227284	47.985	ug/l	91
40) Benzene	8.606	78	641731	48.741	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080509.D
 Acq On : 19 Dec 2023 10:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2023
 Supervised By : Mahesh Dadoda 12/20/2023

Quant Time: Dec 20 03:56:50 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	80621	48.979	ug/l	94
42) 1,2-Dichloroethane	8.671	62	247483	50.760	ug/l	97
43) Isopropyl Acetate	8.688	43	253202	49.322	ug/l	98
44) Trichloroethene	9.353	130	168430	47.453	ug/l	99
45) 1,2-Dichloropropane	9.618	63	153959	49.788	ug/l	95
46) Dibromomethane	9.706	93	109822	49.453	ug/l	89
47) Bromodichloromethane	9.888	83	250929	52.723	ug/l	99
48) Methyl methacrylate	9.682	41	145028	47.340	ug/l	91
49) 1,4-Dioxane	9.694	88	38978	839.415	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	696483	246.342	ug/l	100
52) Toluene	10.629	92	409786	49.268	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	261597	50.801	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	276842	50.298	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	150509	50.290	ug/l	99
56) Ethyl methacrylate	10.876	69	164864	49.756	ug/l	93
57) 1,3-Dichloropropane	11.165	76	258728	49.315	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	522656	249.861	ug/l	98
59) 2-Hexanone	11.194	43	504647	241.776	ug/l	99
60) Dibromochloromethane	11.359	129	181913	51.295	ug/l	98
61) 1,2-Dibromoethane	11.471	107	151908	49.042	ug/l	100
64) Tetrachloroethene	11.106	164	145993	48.801	ug/l	98
65) Chlorobenzene	11.894	112	426602	49.494	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	172466	50.994	ug/l	95
67) Ethyl Benzene	11.965	91	788225	49.735	ug/l	97
68) m/p-Xylenes	12.071	106	589697	100.692	ug/l	91
69) o-Xylene	12.400	106	280140	48.905	ug/l	88
70) Styrene	12.412	104	422947	51.259	ug/l	95
71) Bromoform	12.582	173	121597	49.302	ug/l #	100
73) Isopropylbenzene	12.694	105	750682	51.011	ug/l	98
74) N-amyl acetate	12.494	43	203350	47.320	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	187936	47.659	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	197604m	54.071	ug/l	
77) Bromobenzene	12.982	156	175257	48.412	ug/l	96
78) n-propylbenzene	13.035	91	830437	51.181	ug/l	99
79) 2-Chlorotoluene	13.123	91	525112	49.572	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	638979	50.416	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	66254	47.600	ug/l #	80
82) 4-Chlorotoluene	13.223	91	533239	48.975	ug/l	97
83) tert-Butylbenzene	13.441	119	511437	49.273	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	638376	50.630	ug/l	99
85) sec-Butylbenzene	13.617	105	658483	49.593	ug/l	100
86) p-Isopropyltoluene	13.729	119	600754	50.109	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	309422	48.512	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	308885	47.975	ug/l	98
89) n-Butylbenzene	14.059	91	497695	49.710	ug/l	99
90) Hexachloroethane	14.335	117	97352	51.130	ug/l	73
91) 1,2-Dichlorobenzene	14.106	146	298151	49.227	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	40810	49.201	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	172279	51.232	ug/l	98
94) Hexachlorobutadiene	15.506	225	85485	44.653	ug/l	96
95) Naphthalene	15.641	128	526279	51.538	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	164209	50.603	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
Data File : VN080509.D
Acq On : 19 Dec 2023 10:25
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

Quant Time: Dec 20 03:56:50 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

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080509.D
 Acq On : 19 Dec 2023 10:25
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

MSVOA_N

Client Sample Id :

VSTDC0050

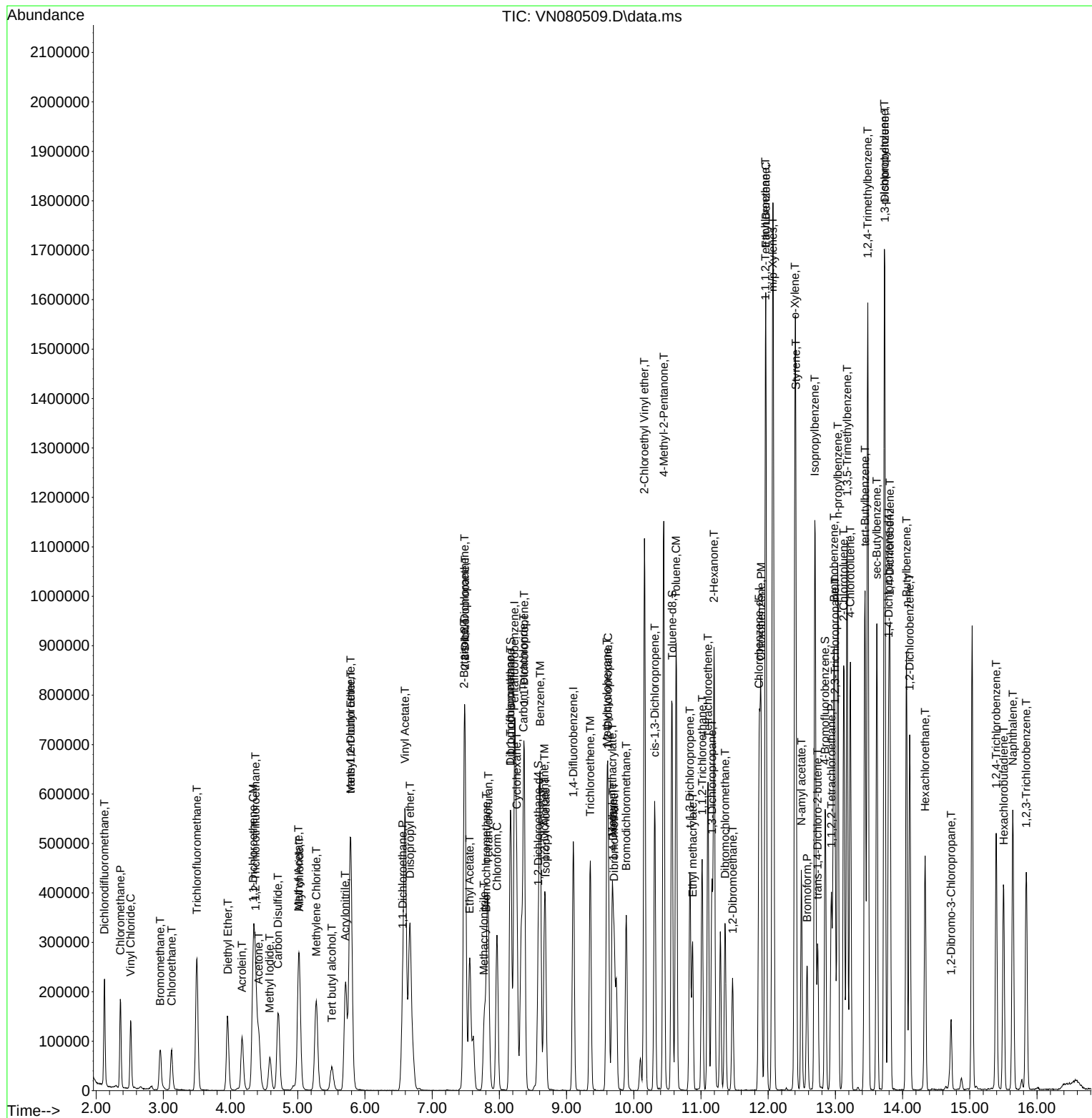
Manual Integrations

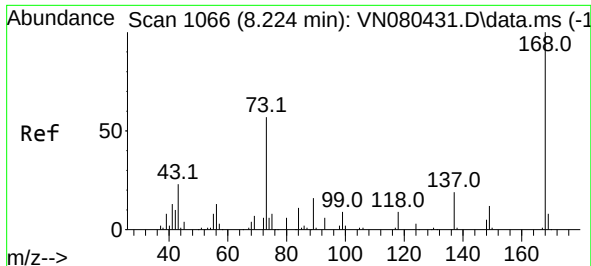
APPROVED

Reviewed By : John Carlone 12/20/2023

Supervised By : Mahesh Dadoda 12/20/2023

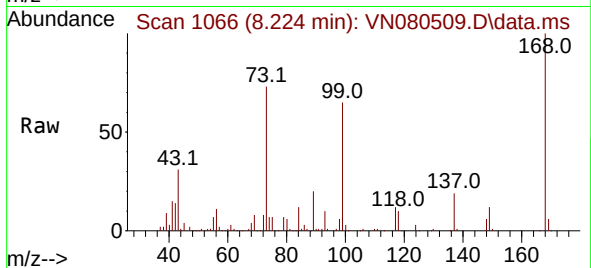
Quant Time: Dec 20 03:56:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

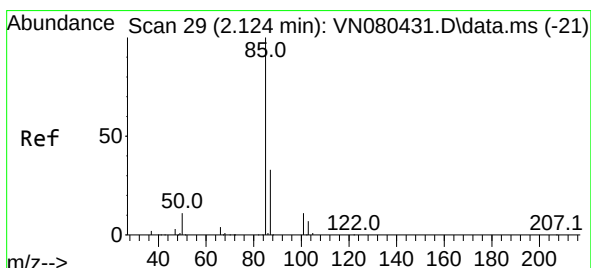
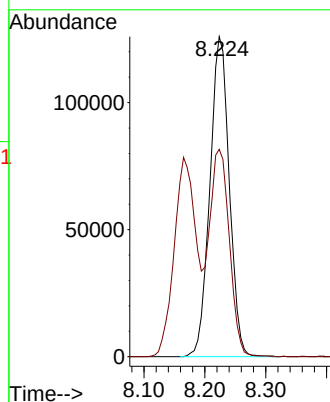
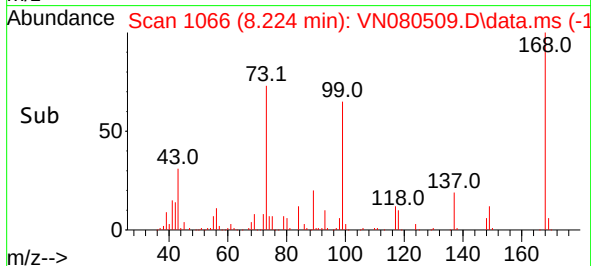
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



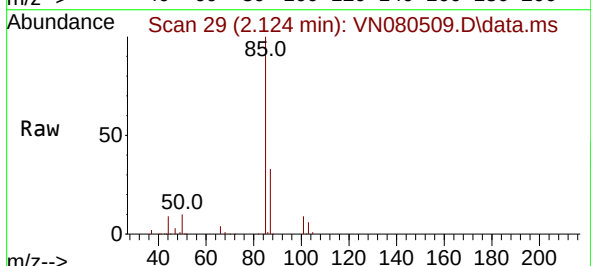
Tgt Ion:168 Resp: 27824
Ion Ratio Lower Upper
168 100
99 64.8 53.0 79.6

Manual Integrations
APPROVED

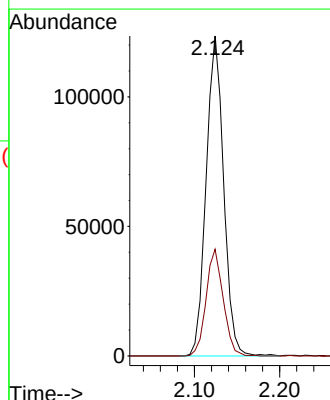
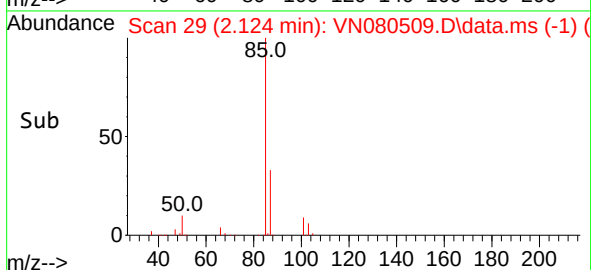
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

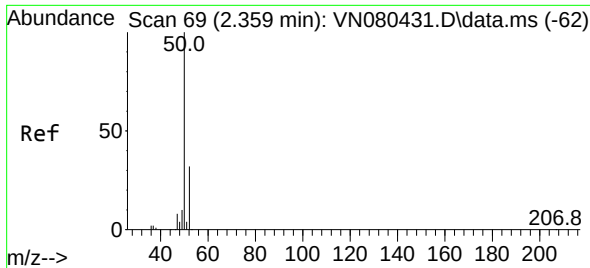


#2
Dichlorodifluoromethane
Concen: 49.617 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25



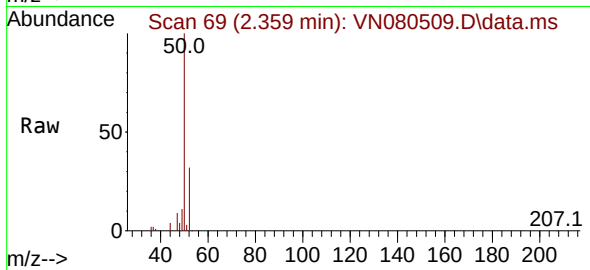
Tgt Ion: 85 Resp: 176423
Ion Ratio Lower Upper
85 100
87 33.3 15.8 47.4





#3
Chloromethane
Concen: 44.246 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

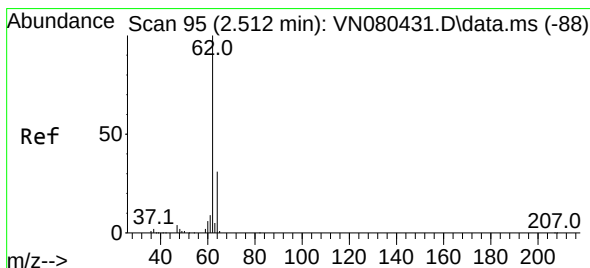
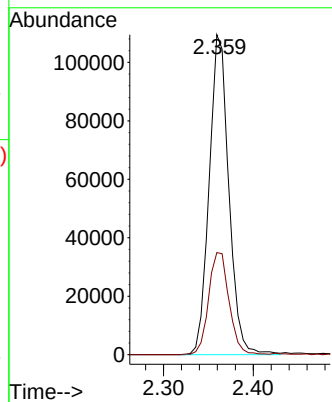
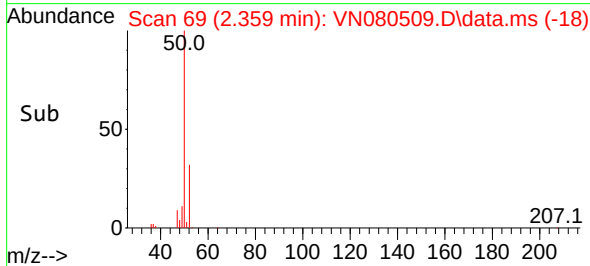
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 166404
Ion Ratio Lower Upper
50 100
52 31.9 26.5 39.7

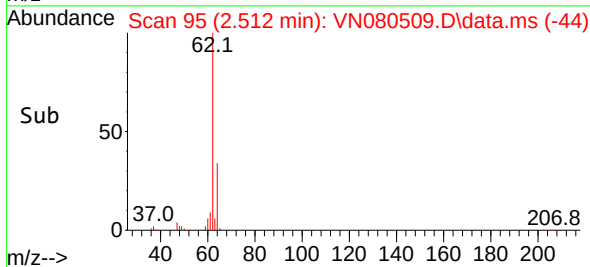
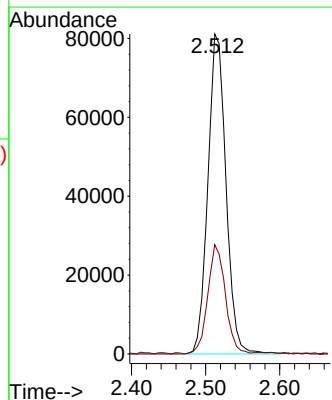
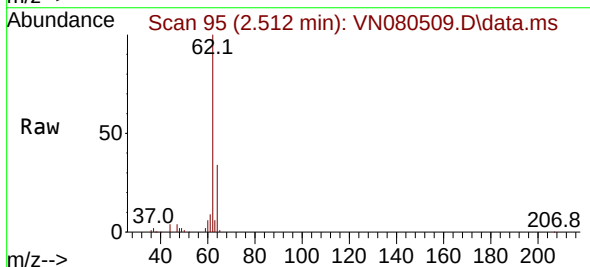
Manual Integrations
APPROVED

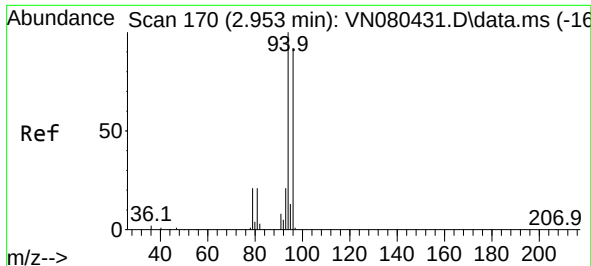
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#4
Vinyl Chloride
Concen: 45.395 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

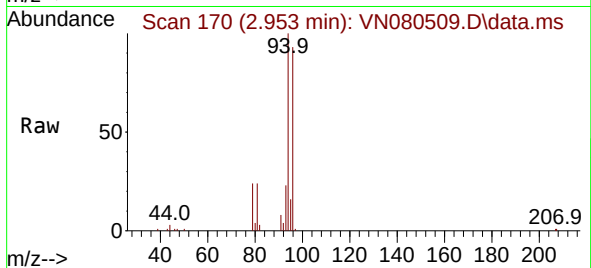
Tgt Ion: 62 Resp: 137847
Ion Ratio Lower Upper
62 100
64 33.9 26.2 39.2





#5
Bromomethane
Concen: 46.579 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

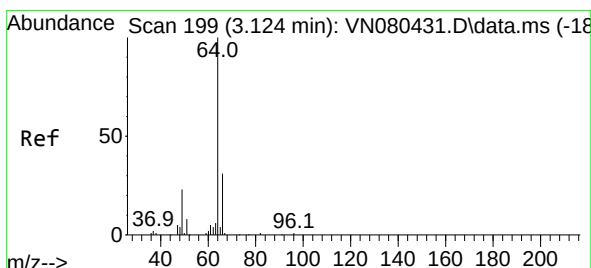
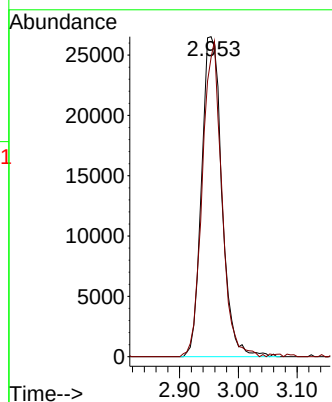
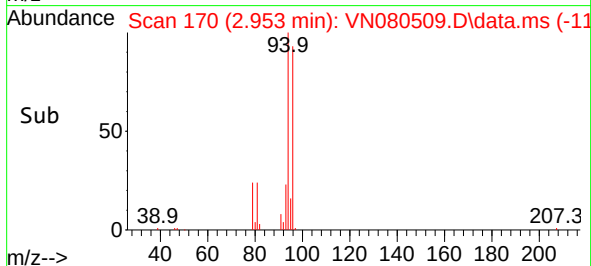
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 63770
Ion Ratio Lower Upper
94 100
96 93.5 73.1 109.7

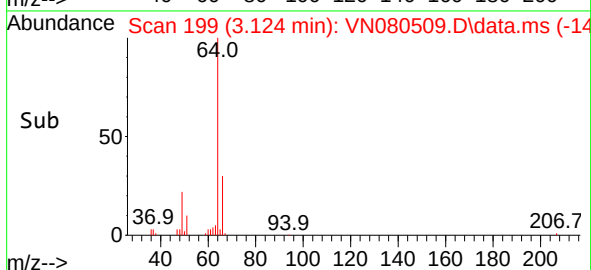
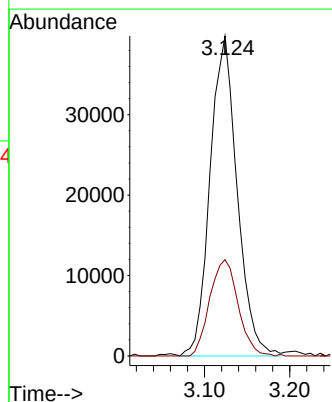
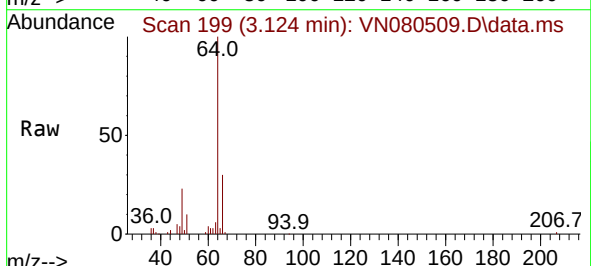
Manual Integrations
APPROVED

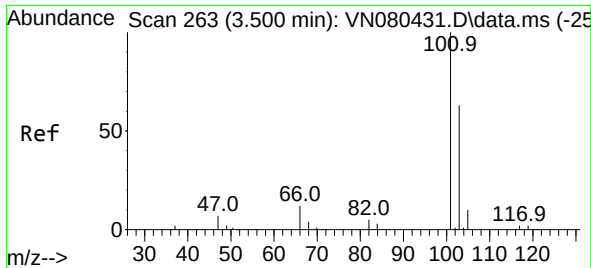
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#6
Chloroethane
Concen: 45.035 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

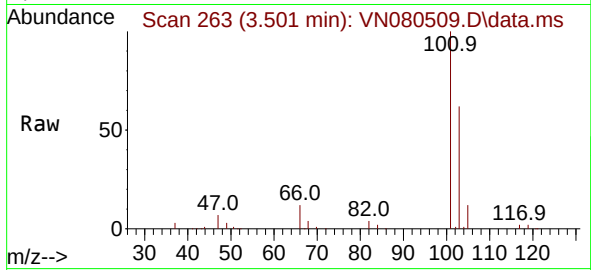
Tgt Ion: 64 Resp: 87875
Ion Ratio Lower Upper
64 100
66 30.1 25.4 38.2





#7
Trichlorofluoromethane
Concen: 49.747 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

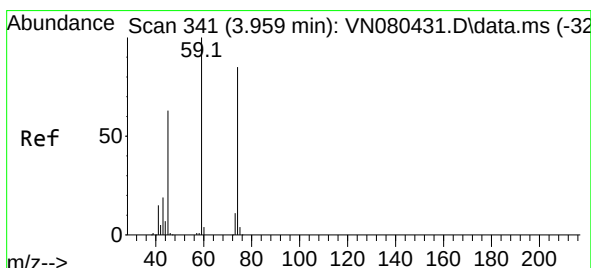
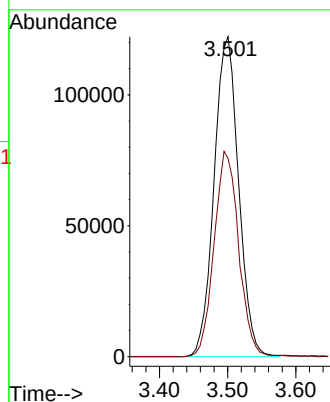
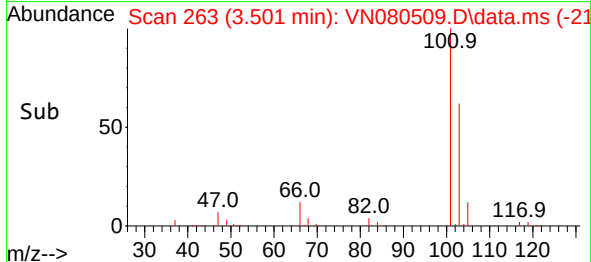
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 306390
Ion Ratio Lower Upper
101 100
103 62.0 50.7 76.1

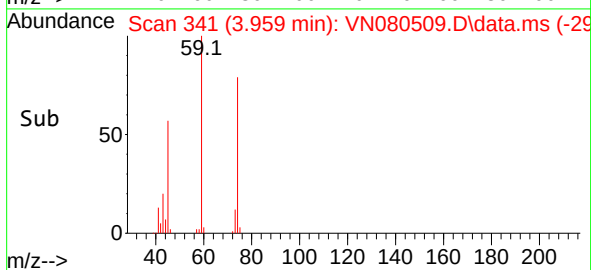
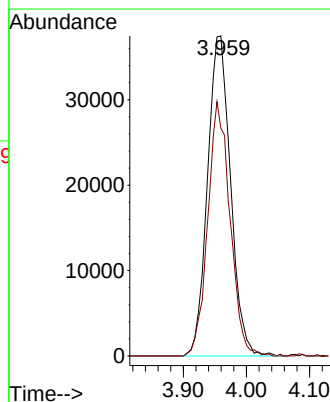
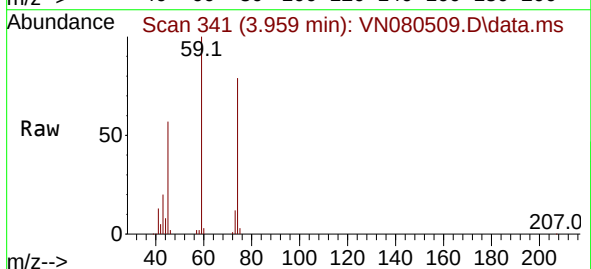
Manual Integrations
APPROVED

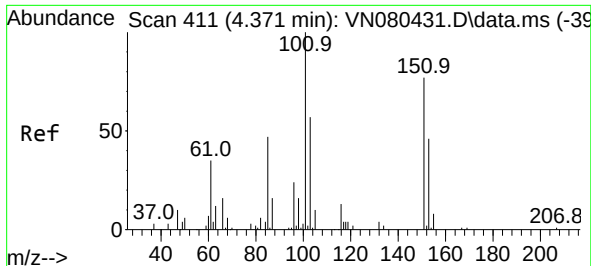
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#8
Diethyl Ether
Concen: 49.014 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

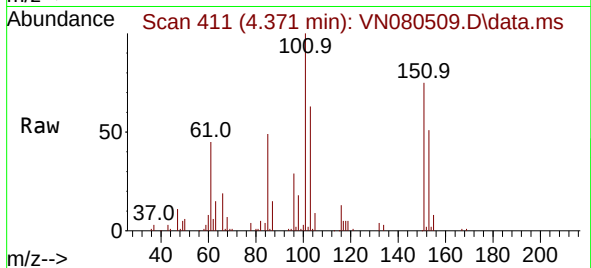
Tgt Ion: 74 Resp: 95085
Ion Ratio Lower Upper
74 100
45 76.6 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.790 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

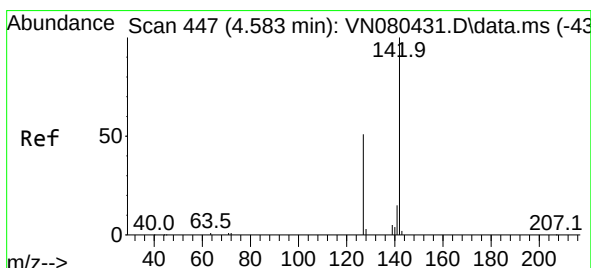
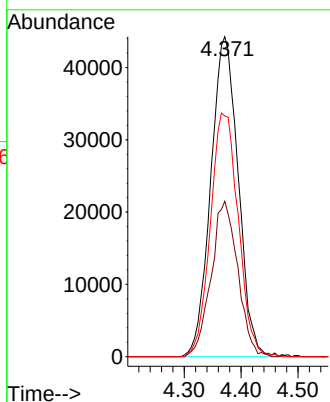
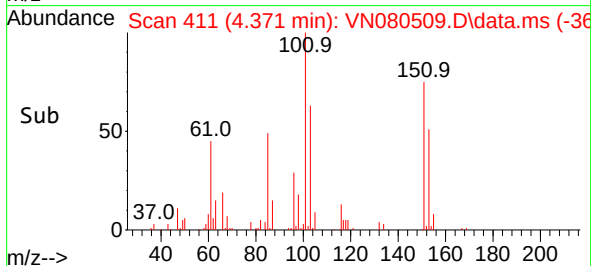
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



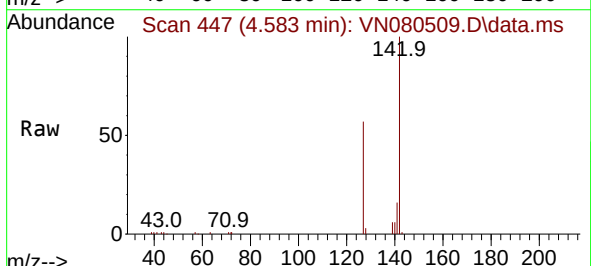
Tgt Ion:101 Resp: 148269
Ion Ratio Lower Upper
101 100
85 47.1 36.6 55.0
151 77.4 57.6 86.4

Manual Integrations
APPROVED

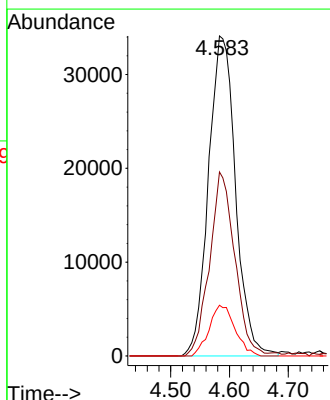
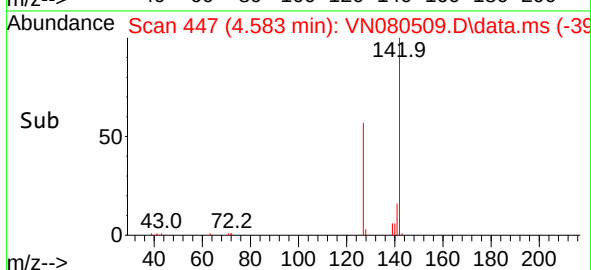
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

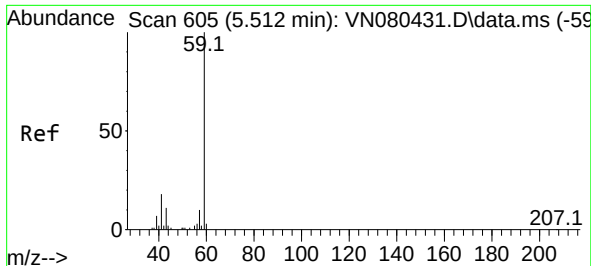


#10
Methyl Iodide
Concen: 42.460 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25



Tgt Ion:142 Resp: 109026
Ion Ratio Lower Upper
142 100
127 57.5 37.6 56.4#
141 15.8 11.4 17.0





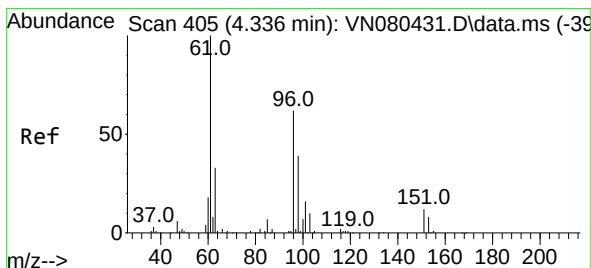
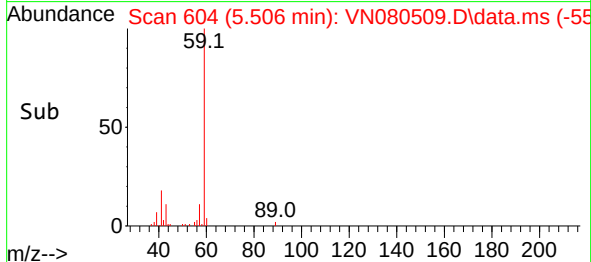
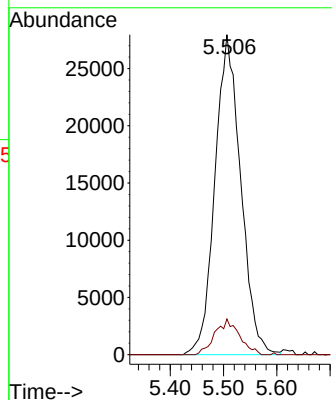
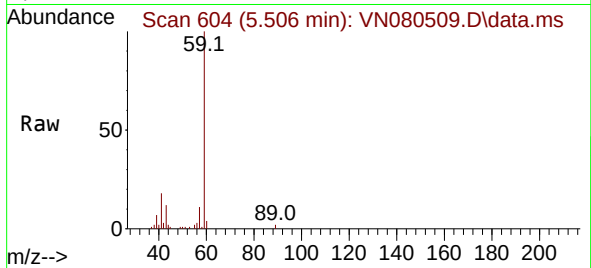
#11
Tert butyl alcohol
Concen: 224.247 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 93850
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

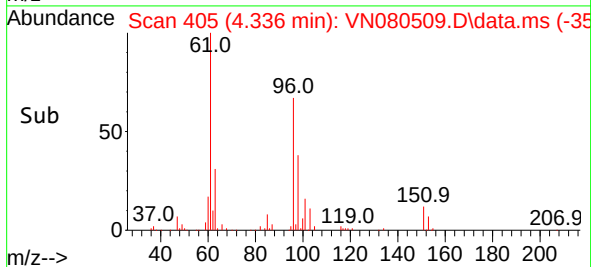
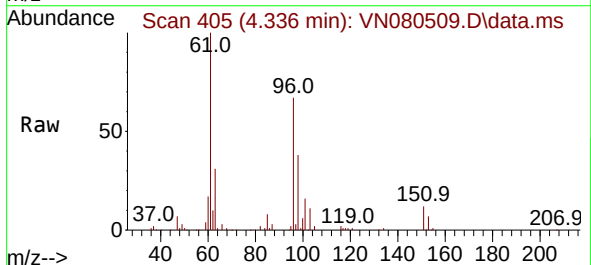
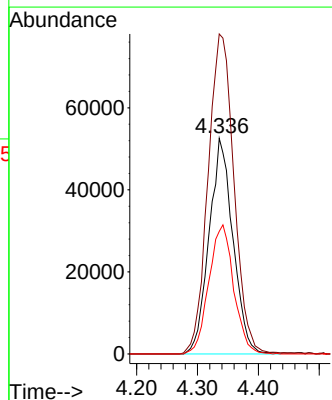
Manual Integrations
APPROVED

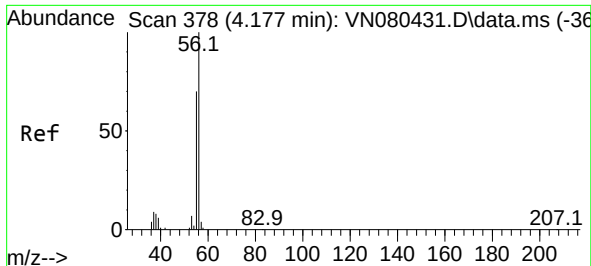
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#12
1,1-Dichloroethene
Concen: 47.883 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

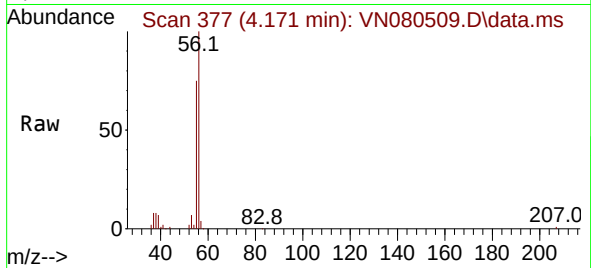
Tgt Ion: 96 Resp: 143226
Ion Ratio Lower Upper
96 100
61 148.4 112.7 169.1
98 56.8 51.2 76.8





#13
Acrolein
Concen: 302.166 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

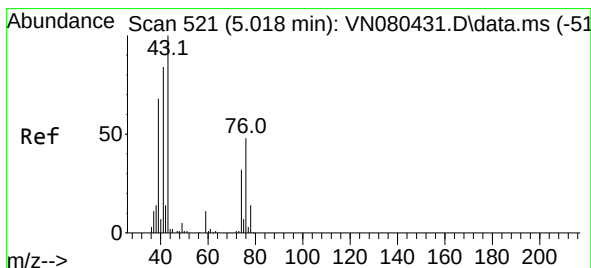
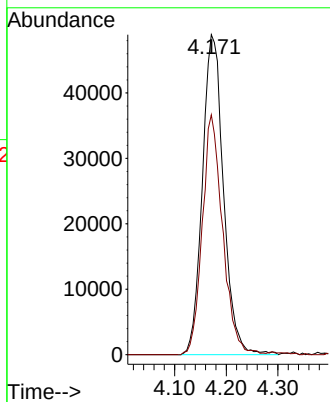
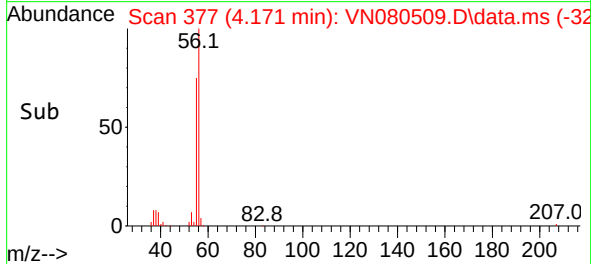
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 138500
Ion Ratio Lower Upper
56 100
55 72.3 54.5 81.7

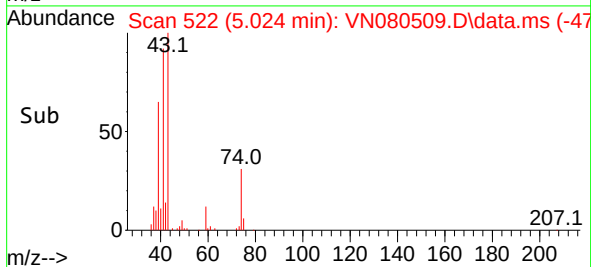
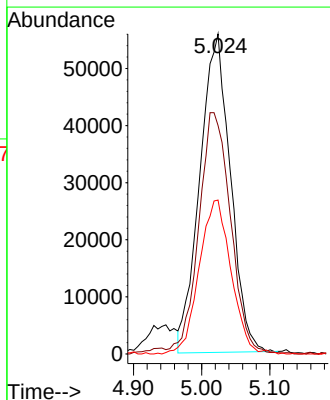
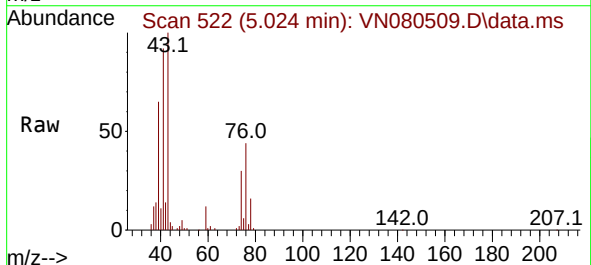
Manual Integrations
APPROVED

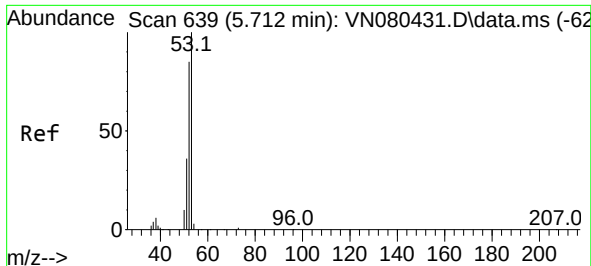
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#14
Allyl chloride
Concen: 47.046 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

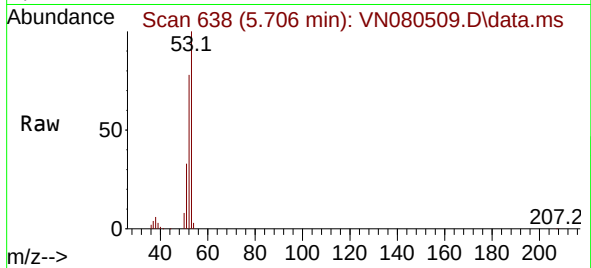
Tgt Ion: 41 Resp: 174109
Ion Ratio Lower Upper
41 100
39 79.0 58.8 88.2
76 50.1 39.1 58.7





#15
Acrylonitrile
Concen: 249.072 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

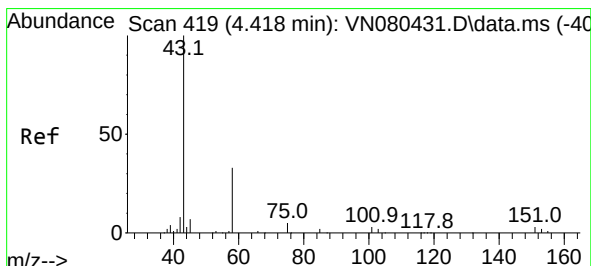
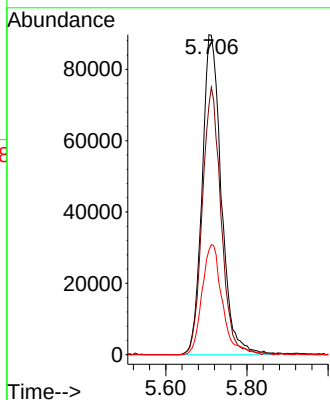
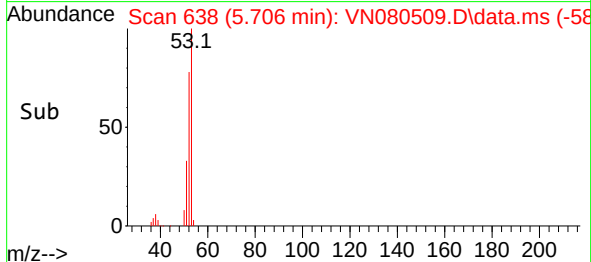
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 29455
Ion Ratio Lower Upper
53 100
52 81.3 65.3 97.9
51 36.3 28.9 43.3

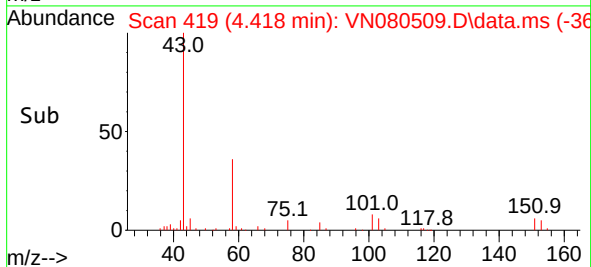
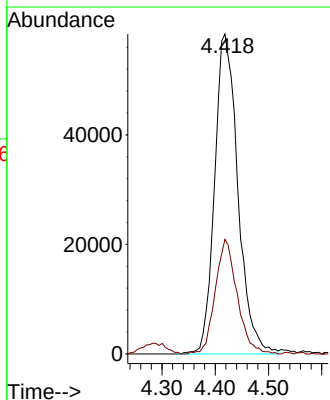
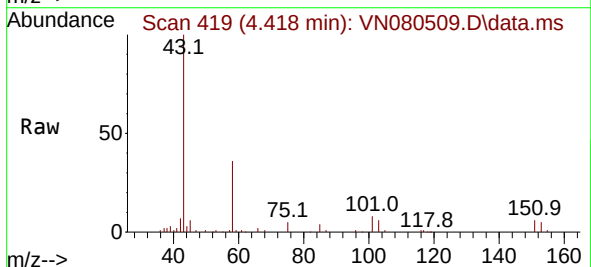
Manual Integrations
APPROVED

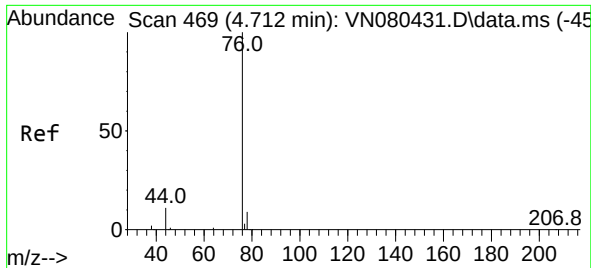
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#16
Acetone
Concen: 281.718 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

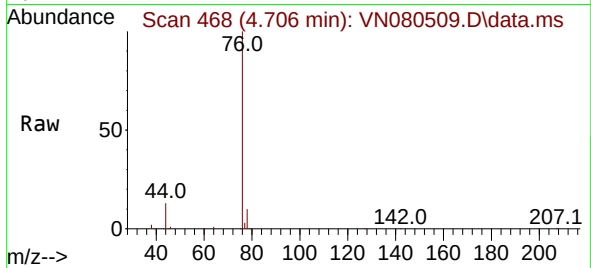
Tgt Ion: 43 Resp: 177518
Ion Ratio Lower Upper
43 100
58 35.8 28.0 42.0





#17
Carbon Disulfide
Concen: 44.005 ug/l
RT: 4.706 min Scan# 40
Delta R.T. -0.006 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

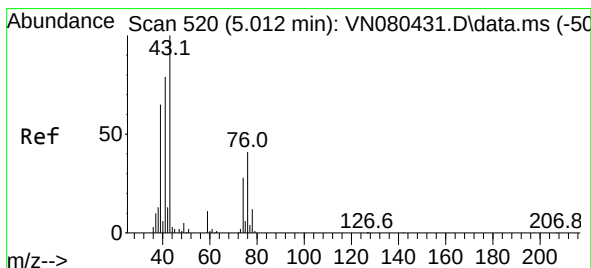
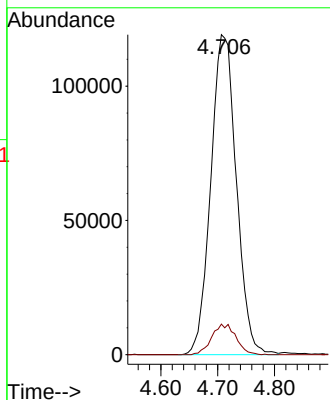
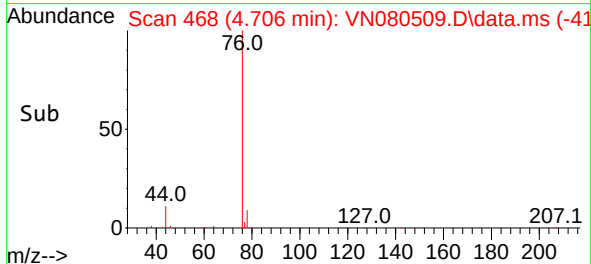
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



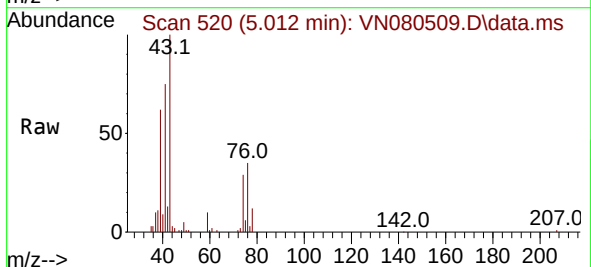
Tgt Ion: 76 Resp: 373025
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

Manual Integrations
APPROVED

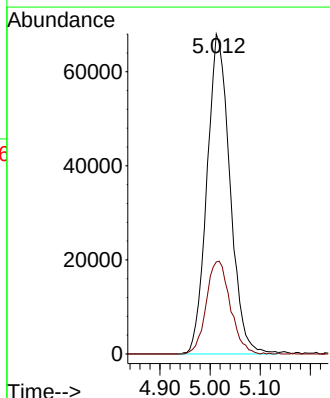
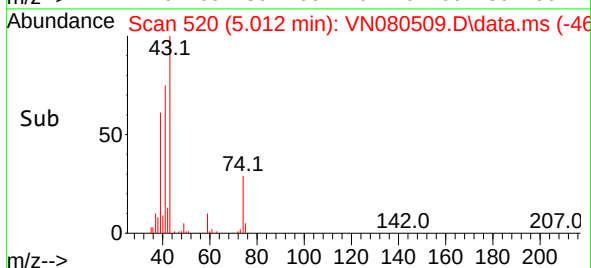
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

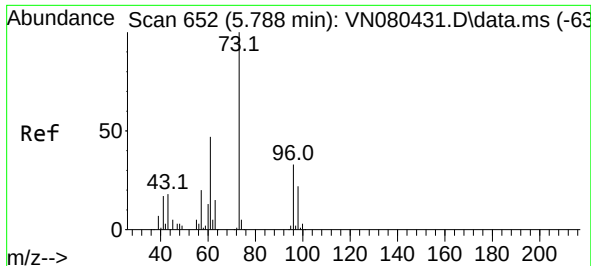


#18
Methyl Acetate
Concen: 53.462 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25



Tgt Ion: 43 Resp: 216764
Ion Ratio Lower Upper
43 100
74 30.3 26.2 39.4





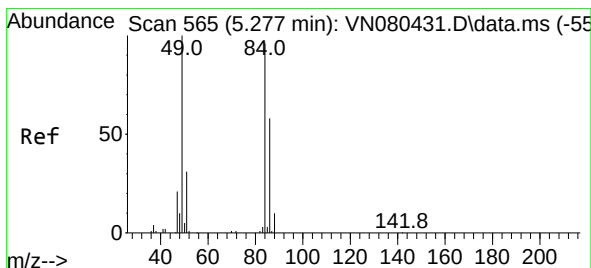
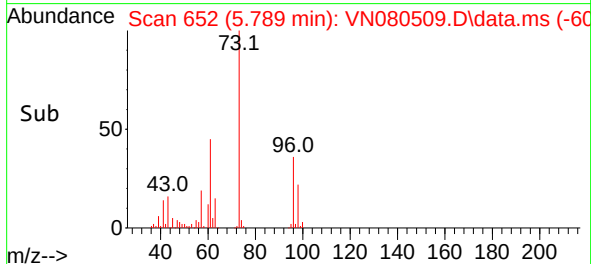
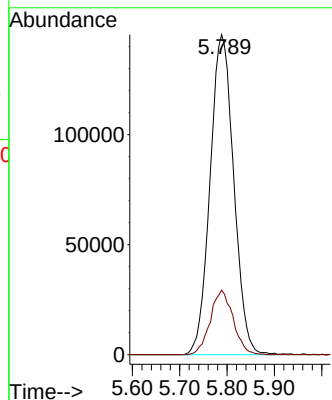
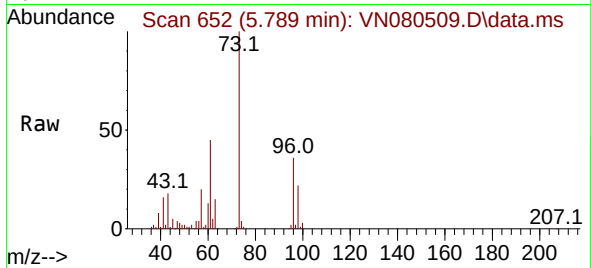
#19
Methyl tert-butyl Ether
Concen: 50.579 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 50475
Ion Ratio Lower Upper
73 100
57 20.2 15.6 23.4

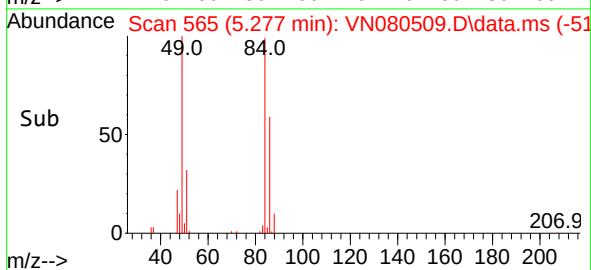
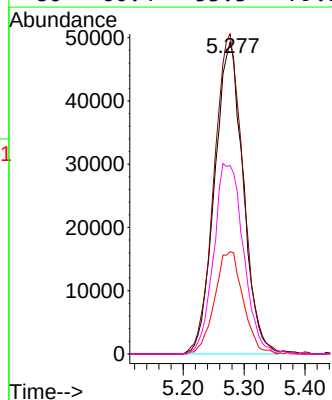
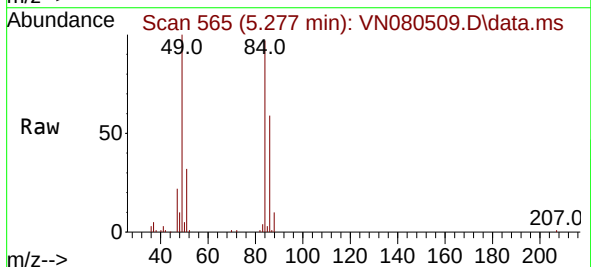
Manual Integrations
APPROVED

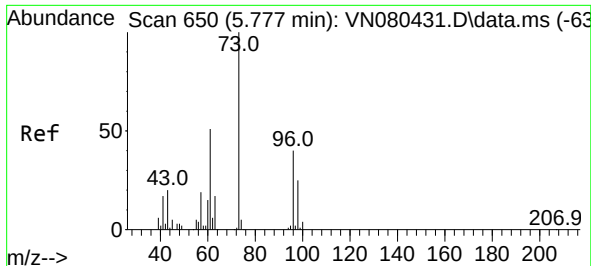
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#20
Methylene Chloride
Concen: 47.536 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

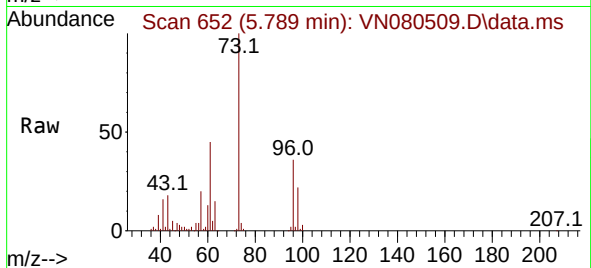
Tgt Ion: 84 Resp: 160302
Ion Ratio Lower Upper
84 100
49 102.6 79.7 119.5
51 32.8 25.2 37.8
86 60.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 48.639 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

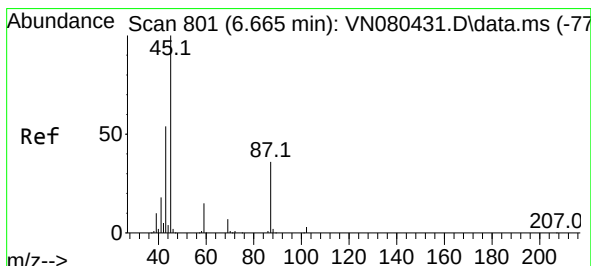
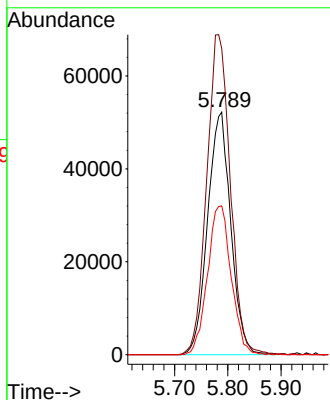
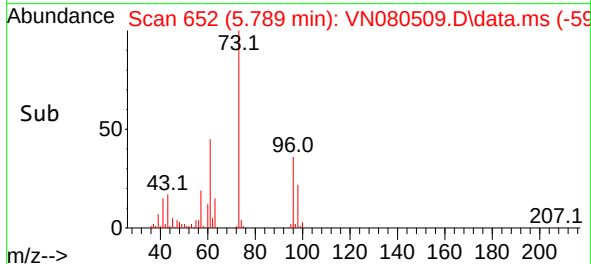
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 157752
Ion Ratio Lower Upper
96 100
61 126.2 90.1 135.1
98 61.3 46.4 69.6

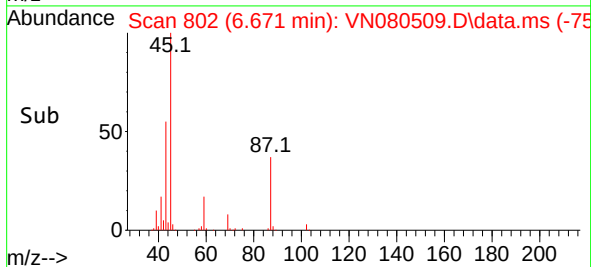
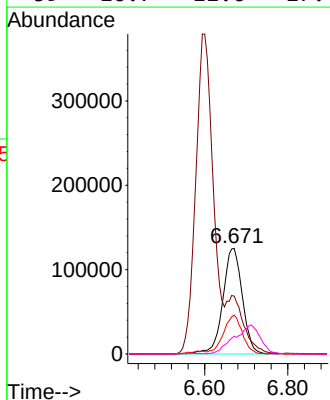
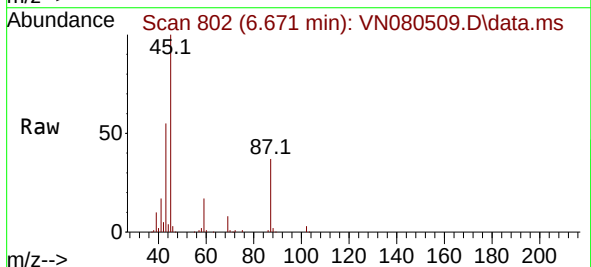
Manual Integrations
APPROVED

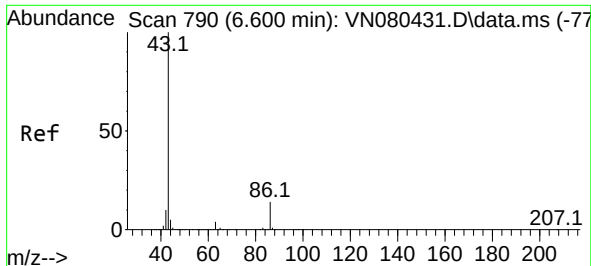
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#22
Diisopropyl ether
Concen: 50.953 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

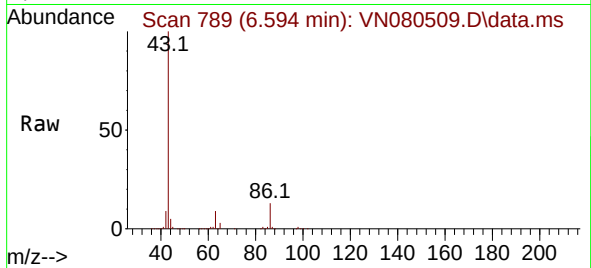
Tgt Ion: 45 Resp: 406984
Ion Ratio Lower Upper
45 100
43 54.2 45.5 68.3
87 36.8 31.8 47.8
59 16.7 11.6 17.4





#23
 Vinyl Acetate
 Concen: 241.768 ug/l
 RT: 6.594 min Scan# 710
 Delta R.T. -0.006 min
 Lab File: VN080509.D
 Acq: 19 Dec 2023 10:25

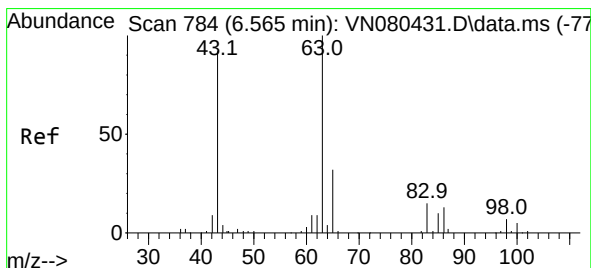
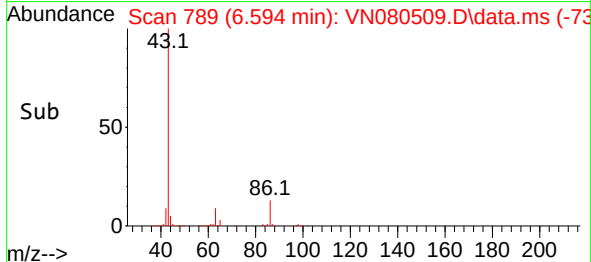
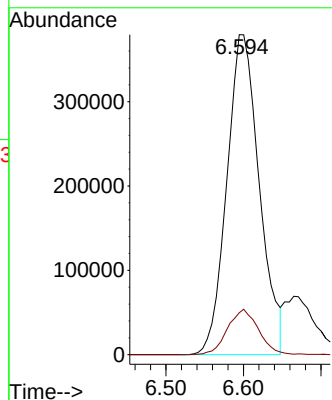
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 110910
 Ion Ratio Lower Upper
 43 100
 86 13.1 13.0 19.6

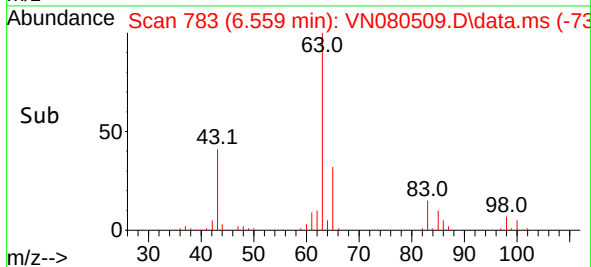
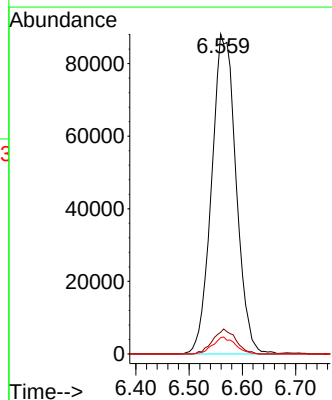
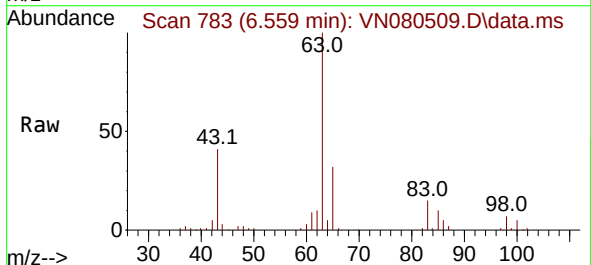
Manual Integrations
 APPROVED

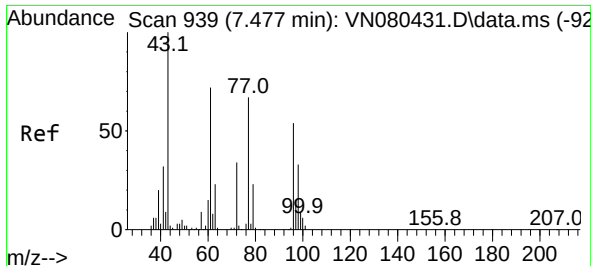
Reviewed By :John Carlone 12/20/2023
 Supervised By :Mahesh Dadoda 12/20/2023



#24
 1,1-Dichloroethane
 Concen: 50.423 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN080509.D
 Acq: 19 Dec 2023 10:25

Tgt Ion: 63 Resp: 280998
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 5.1 2.5 7.4





#25

2-Butanone

Concen: 255.551 ug/l

RT: 7.477 min Scan# 910

Delta R.T. 0.000 min

Lab File: VN080509.D

Acq: 19 Dec 2023 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 310210

Ion Ratio Lower Upper

43 100

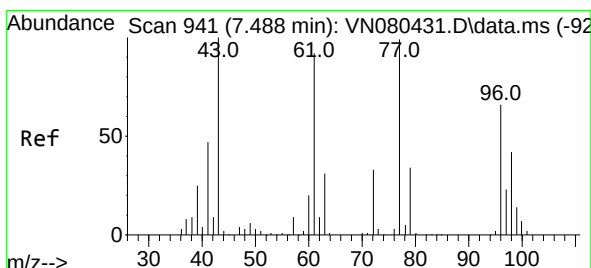
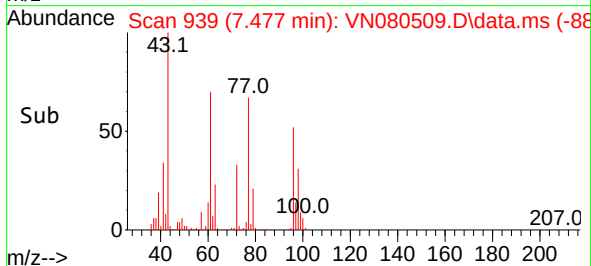
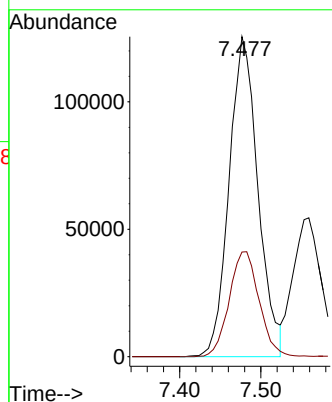
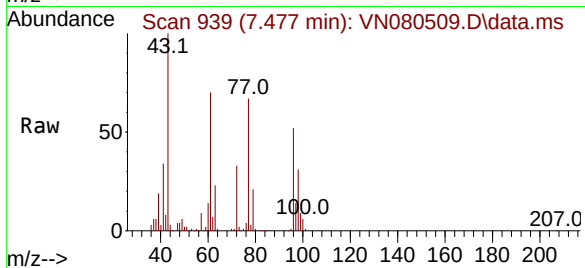
72 32.7 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#26

2,2-Dichloropropane

Concen: 49.902 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN080509.D

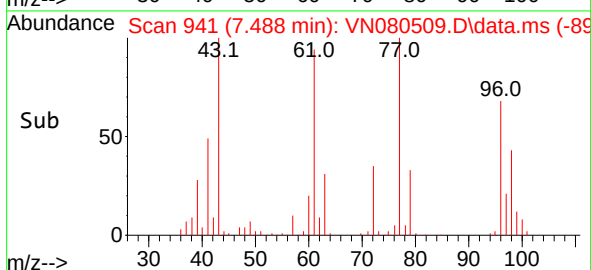
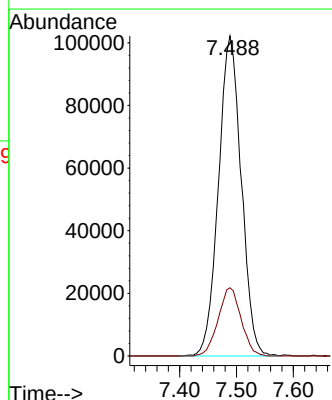
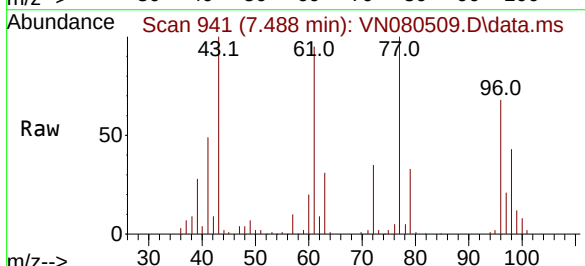
Acq: 19 Dec 2023 10:25

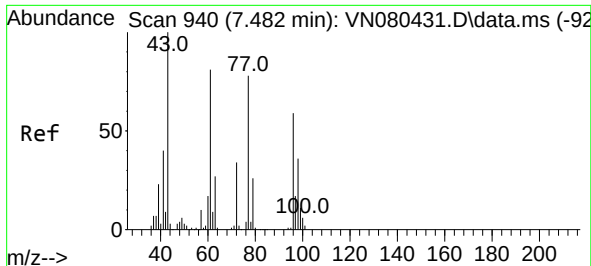
Tgt Ion: 77 Resp: 284369

Ion Ratio Lower Upper

77 100

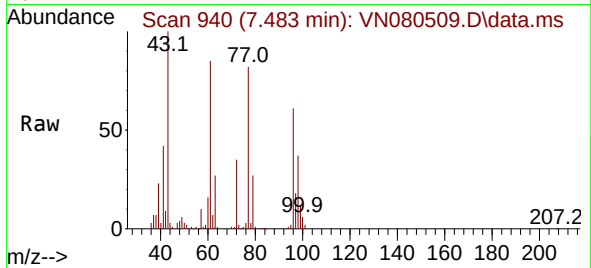
97 21.4 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 49.764 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN080509.D
 Acq: 19 Dec 2023 10:25

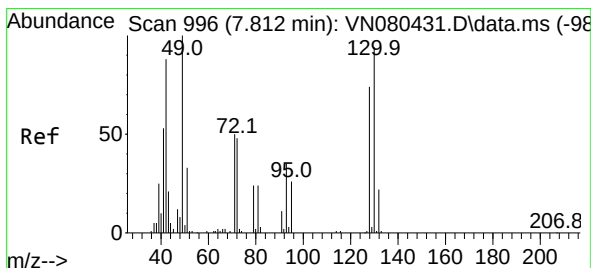
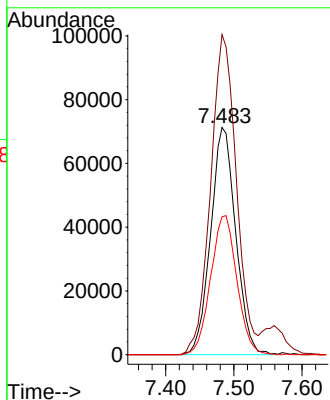
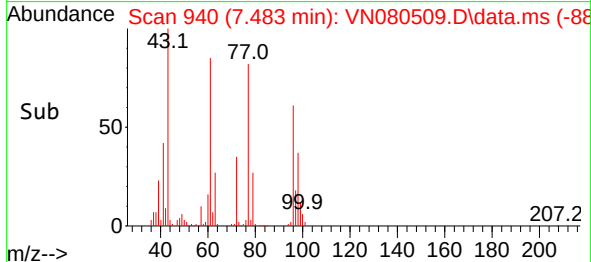
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



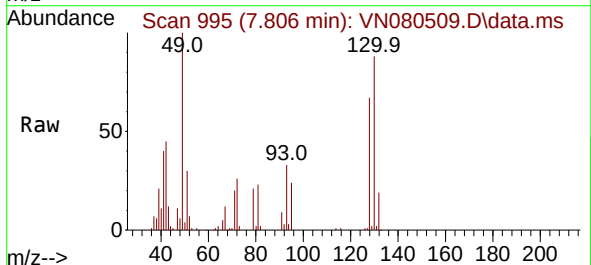
Tgt Ion: 96 Resp: 18269
 Ion Ratio Lower Upper
 96 100
 61 144.7 0.0 255.2
 98 64.0 0.0 128.8

Manual Integrations
 APPROVED

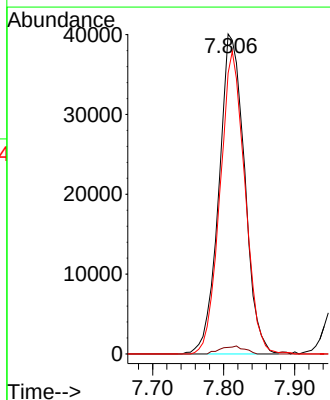
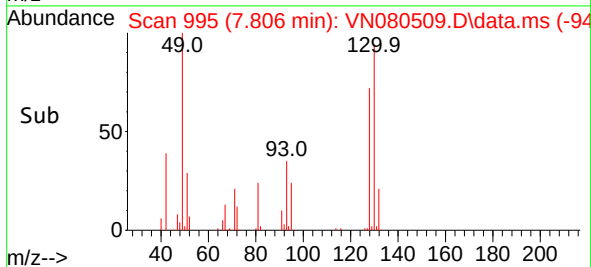
Reviewed By :John Carlone 12/20/2023
 Supervised By :Mahesh Dadoda 12/20/2023

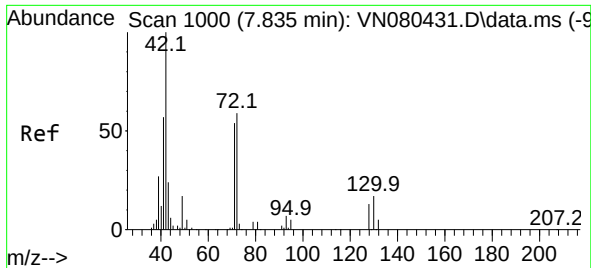


#28
 Bromochloromethane
 Concen: 46.846 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN080509.D
 Acq: 19 Dec 2023 10:25



Tgt Ion: 49 Resp: 100236
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 91.9 75.3 112.9





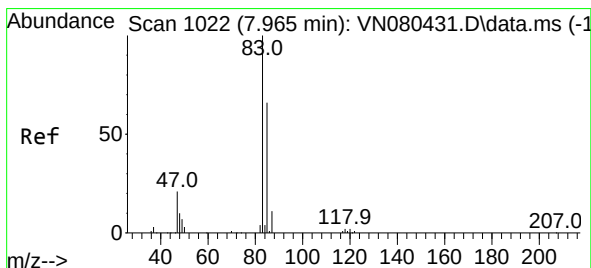
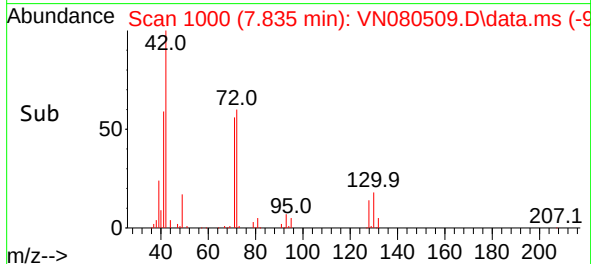
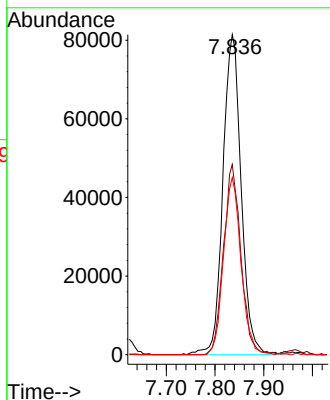
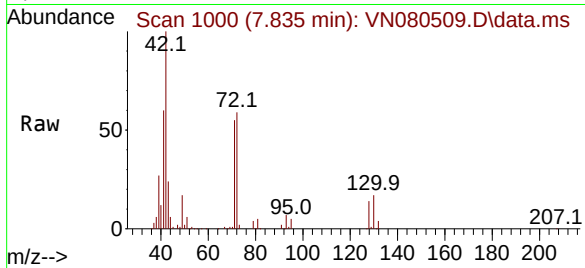
#29
Tetrahydrofuran
Concen: 244.127 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 212200
Ion Ratio Lower Upper
42 100
72 56.9 49.8 74.6
71 53.2 47.4 71.2

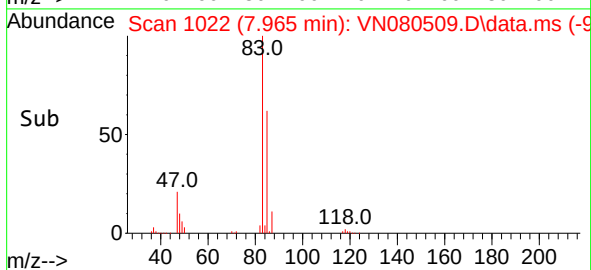
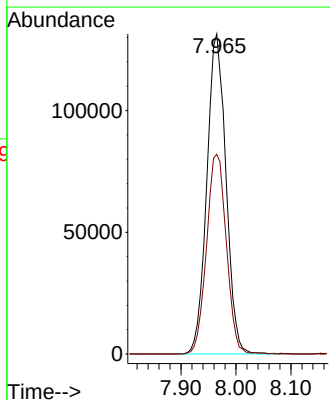
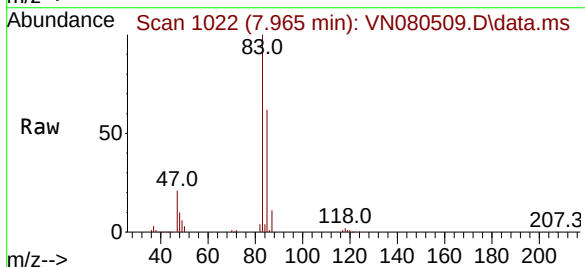
Manual Integrations
APPROVED

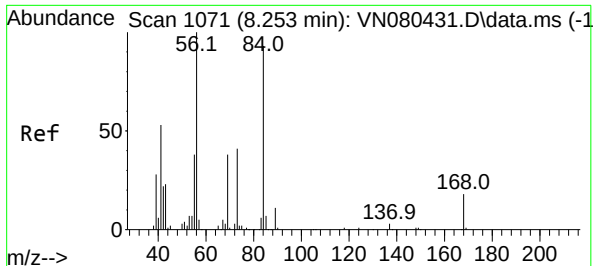
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#30
Chloroform
Concen: 51.402 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

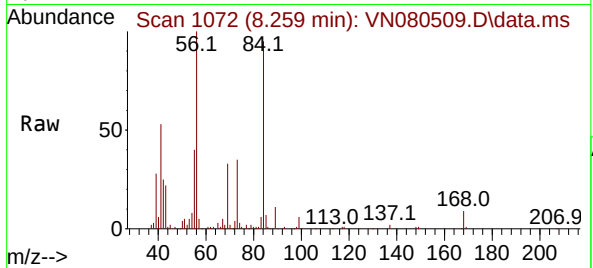
Tgt Ion: 83 Resp: 317966
Ion Ratio Lower Upper
83 100
85 62.4 55.4 83.0





#31
Cyclohexane
Concen: 45.156 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

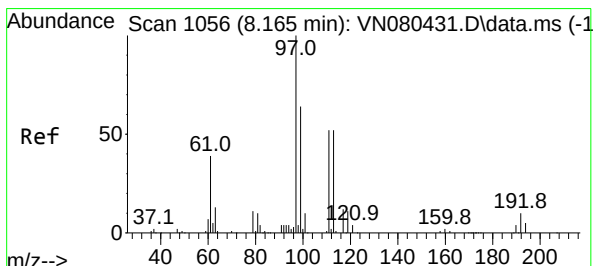
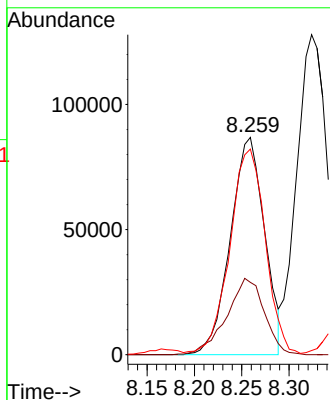
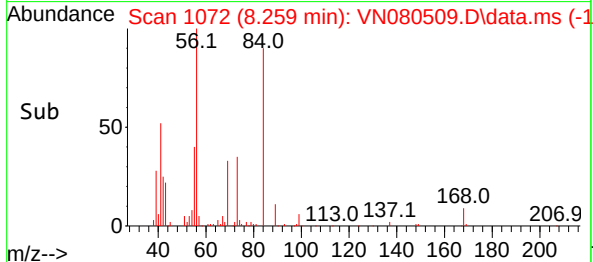
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



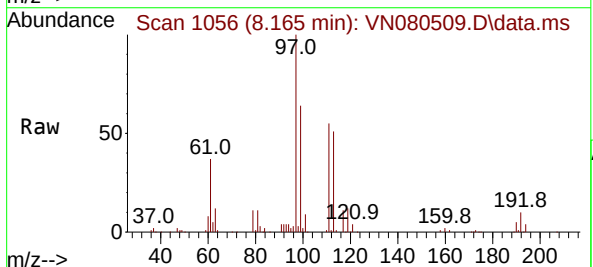
Tgt Ion: 56 Resp: 21823
Ion Ratio Lower Upper
56 100
69 33.0 26.8 40.2
84 92.8 81.8 122.6

Manual Integrations
APPROVED

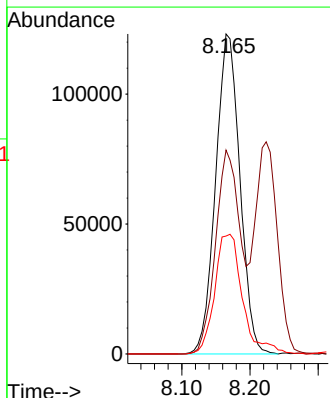
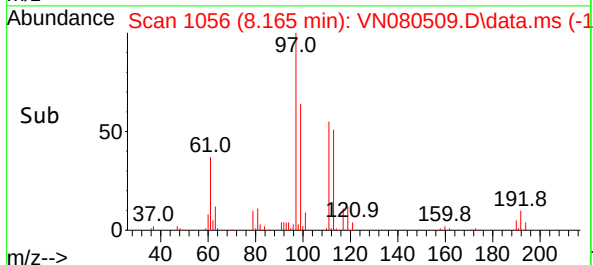
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

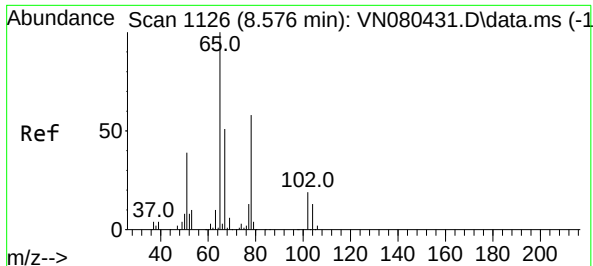


#32
1,1,1-Trichloroethane
Concen: 50.435 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25



Tgt Ion: 97 Resp: 305466
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 42.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 55.747 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080509.D

Acq: 19 Dec 2023 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 19811

Ion Ratio Lower Upper

65 100

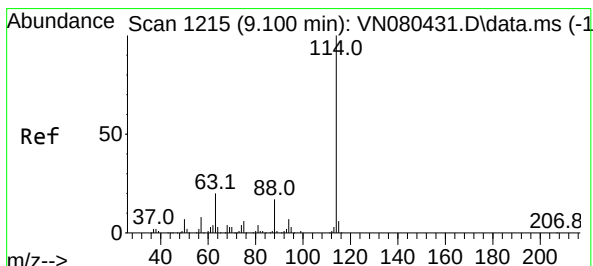
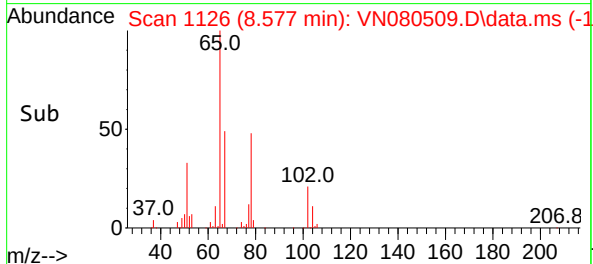
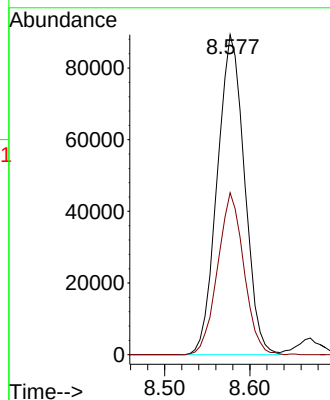
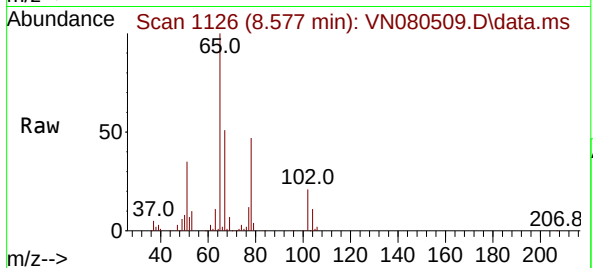
67 48.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080509.D

Acq: 19 Dec 2023 10:25

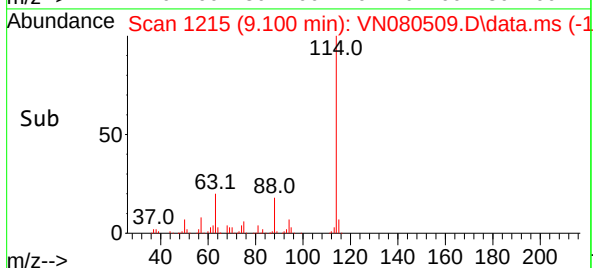
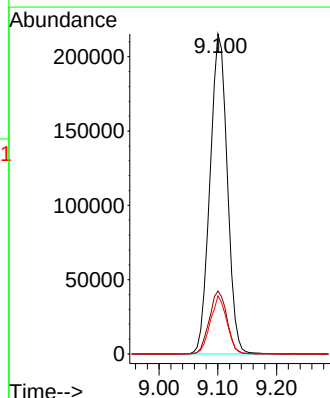
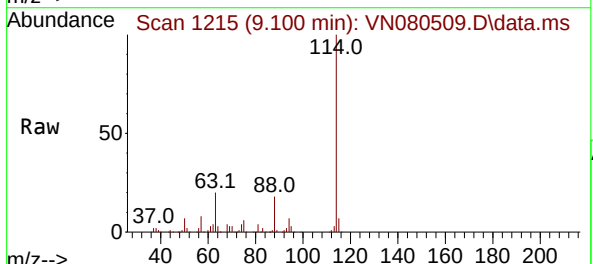
Tgt Ion:114 Resp: 439807

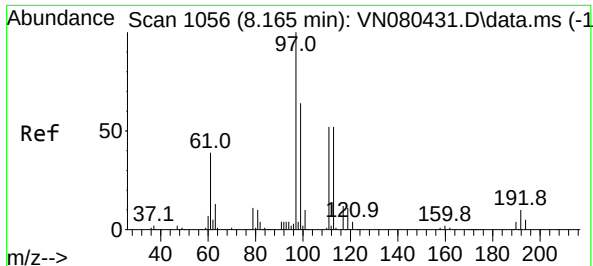
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 18.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.494 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080509.D

Acq: 19 Dec 2023 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 151960

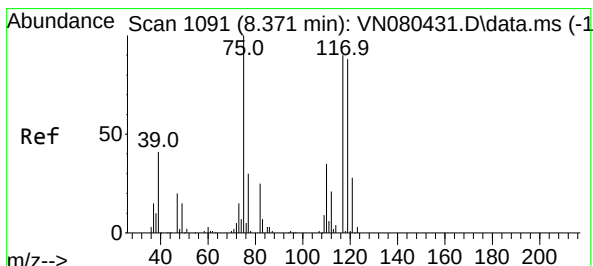
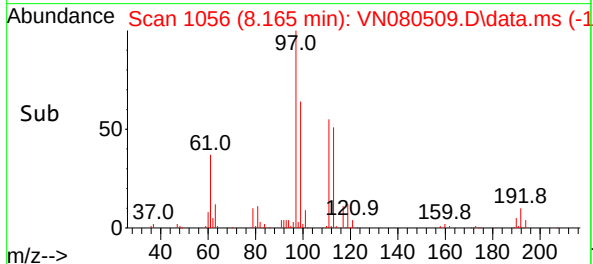
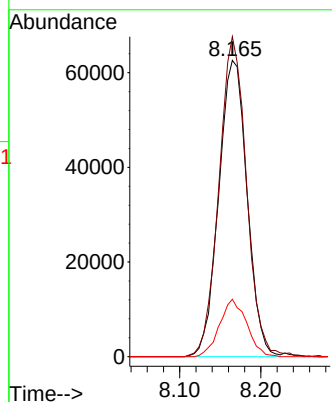
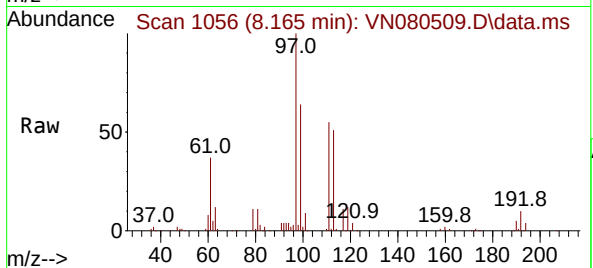
Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.6	123.8
192	18.6	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#36

1,1-Dichloropropene

Concen: 50.279 ug/l

RT: 8.371 min Scan# 1091

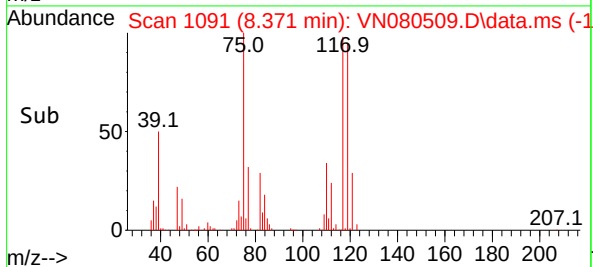
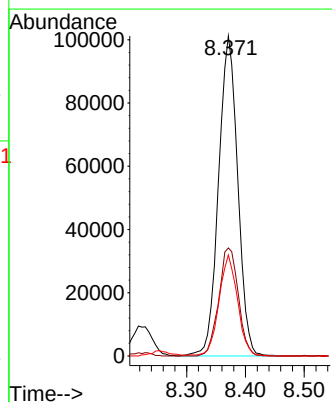
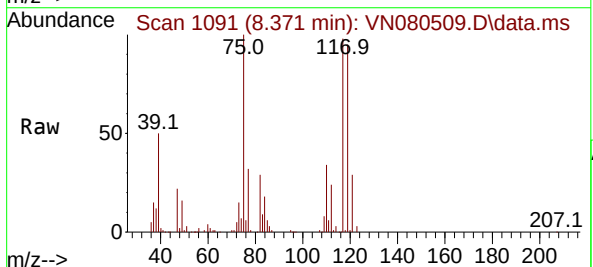
Delta R.T. 0.000 min

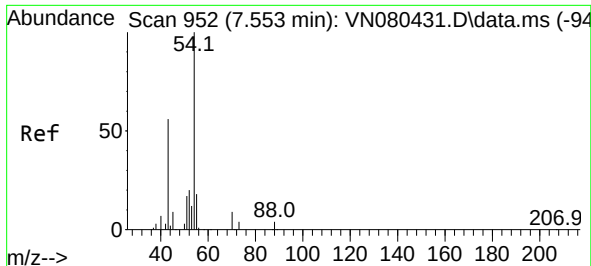
Lab File: VN080509.D

Acq: 19 Dec 2023 10:25

Tgt Ion: 75 Resp: 229246

Ion	Ratio	Lower	Upper
75	100		
110	34.5	19.1	57.3
77	30.6	25.0	37.4





#37

Ethyl Acetate

Concen: 47.626 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080509.D

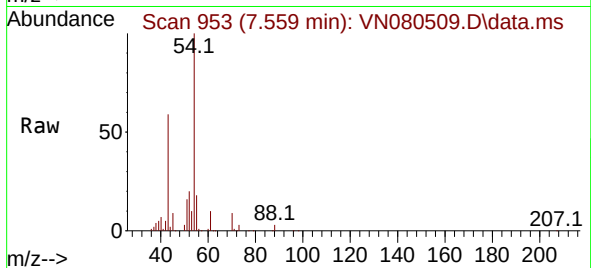
Acq: 19 Dec 2023 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 135978

Ion Ratio Lower Upper

43 100

61 15.3 13.2 19.8

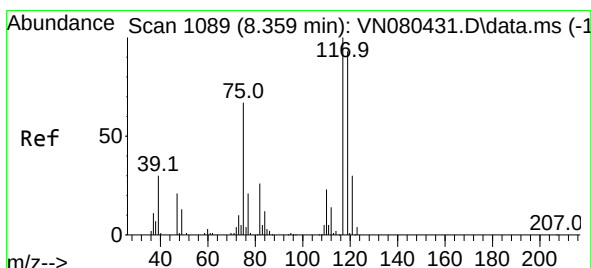
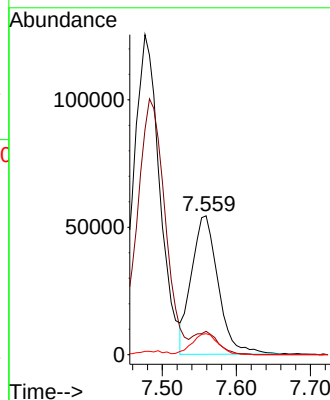
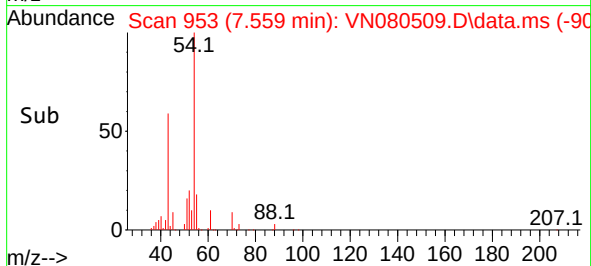
70 15.1 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#38

Carbon Tetrachloride

Concen: 50.998 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN080509.D

Acq: 19 Dec 2023 10:25

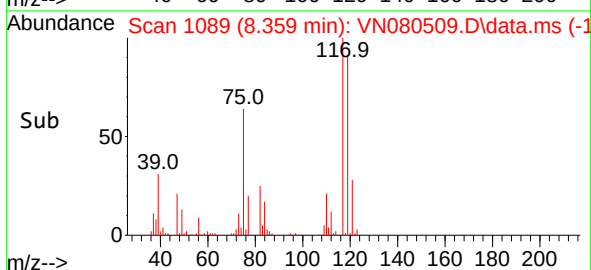
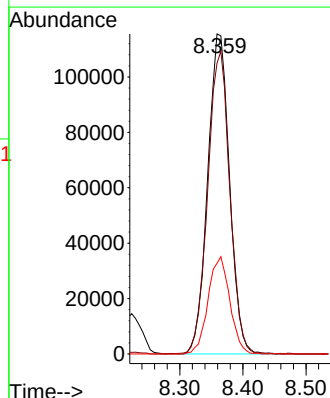
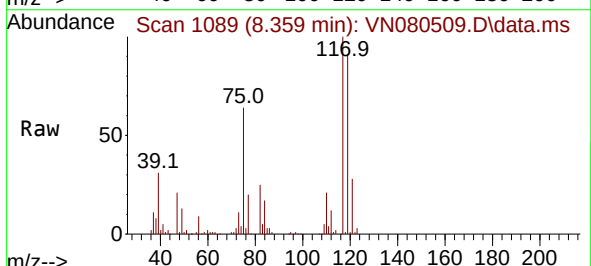
Tgt Ion:117 Resp: 277838

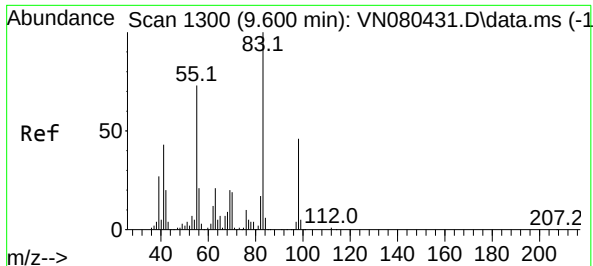
Ion Ratio Lower Upper

117 100

119 90.7 77.3 115.9

121 28.3 23.3 34.9





#39

Methylcyclohexane

Concen: 47.985 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN080509.D

Acq: 19 Dec 2023 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 227284

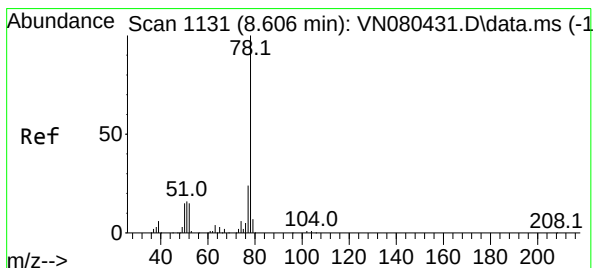
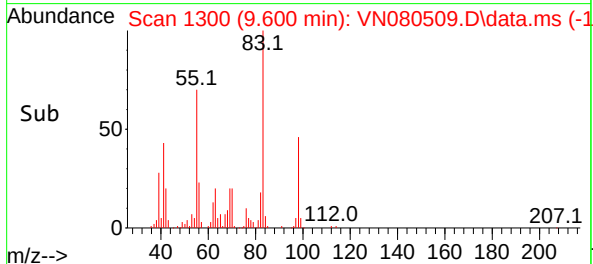
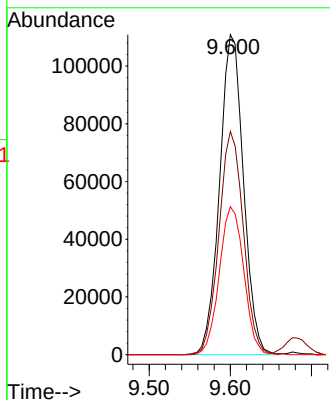
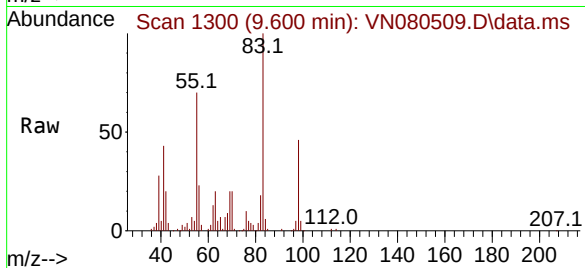
Ion	Ratio	Lower	Upper
83	100		
55	69.8	49.1	73.7
98	46.3	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#40

Benzene

Concen: 48.741 ug/l

RT: 8.606 min Scan# 1131

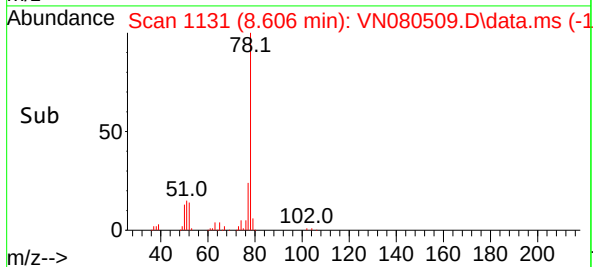
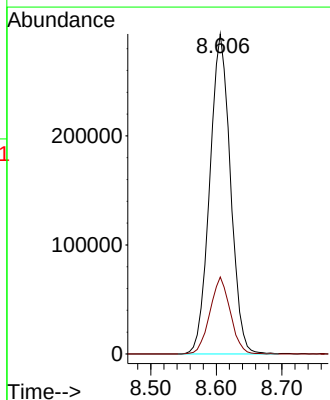
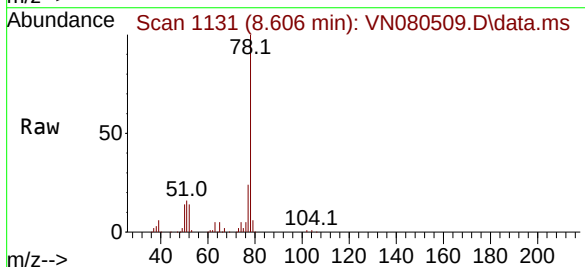
Delta R.T. 0.000 min

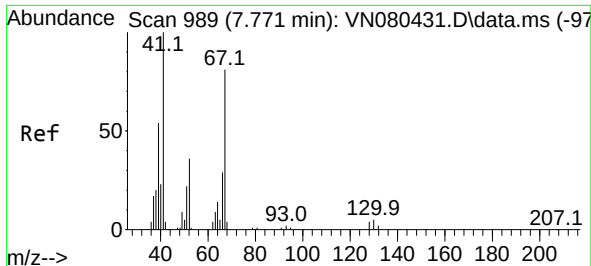
Lab File: VN080509.D

Acq: 19 Dec 2023 10:25

Tgt Ion: 78 Resp: 641731

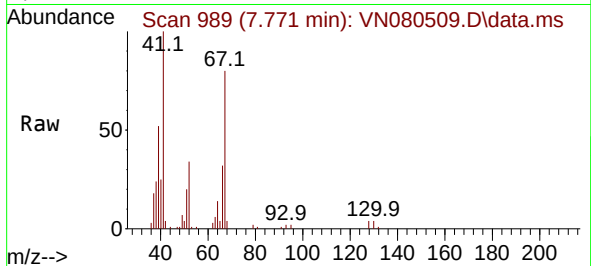
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.6





#41
Methacrylonitrile
Concen: 48.979 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

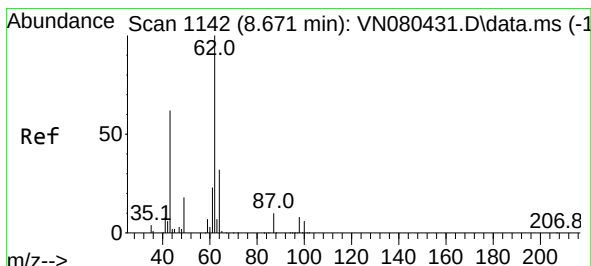
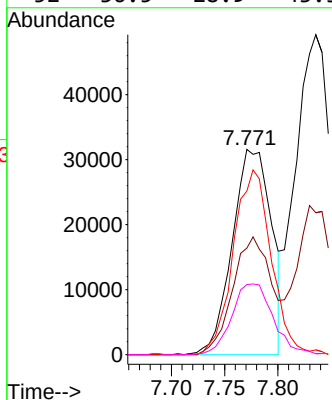
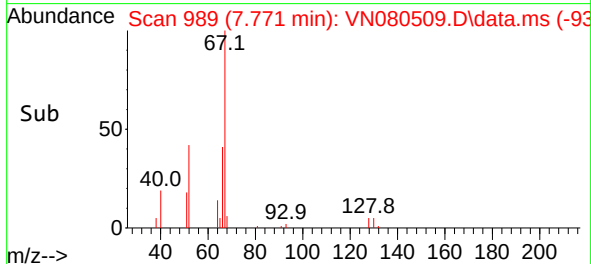
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



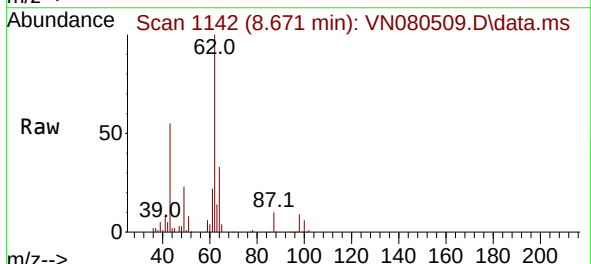
Tgt Ion: 41 Resp: 8062
Ion Ratio Lower Upper
41 100
39 55.6 42.6 64.0
67 87.7 77.5 116.3
52 36.5 28.9 43.3

Manual Integrations
APPROVED

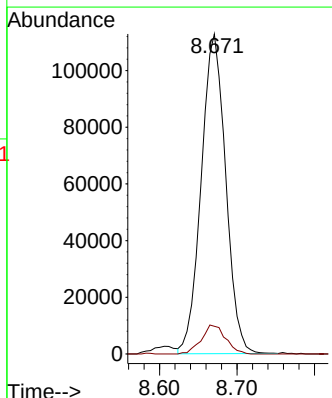
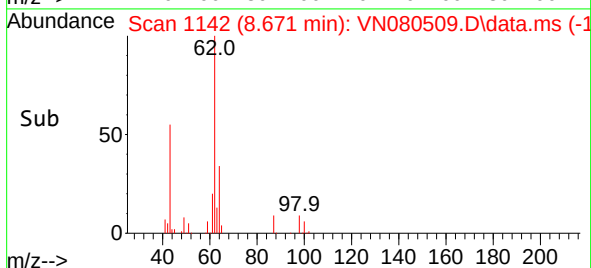
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

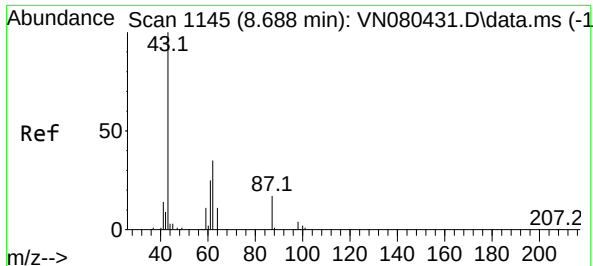


#42
1,2-Dichloroethane
Concen: 50.760 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25



Tgt Ion: 62 Resp: 247483
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.8





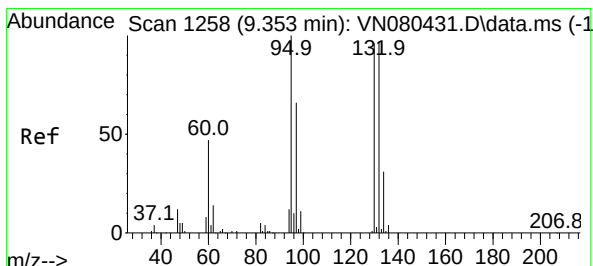
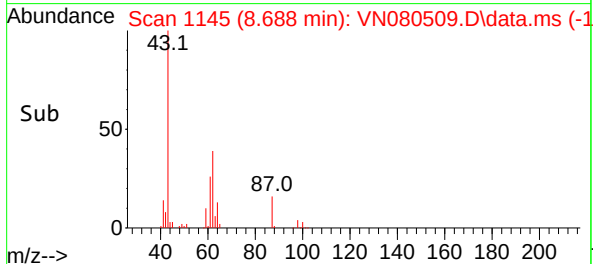
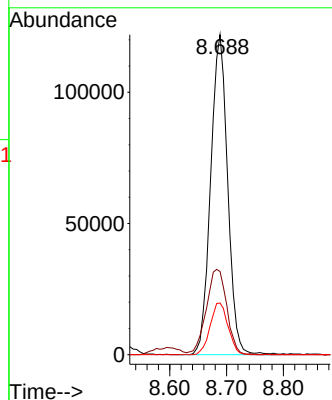
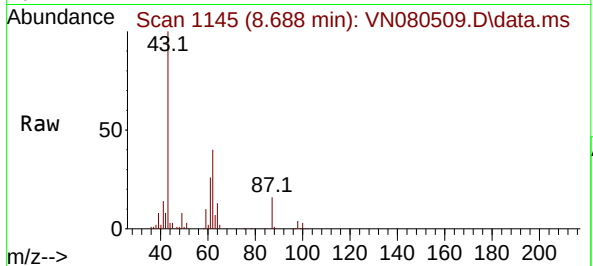
#43
Isopropyl Acetate
Concen: 49.322 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 25320
Ion Ratio Lower Upper
43 100
61 32.2 24.7 37.1
87 17.0 14.6 21.8

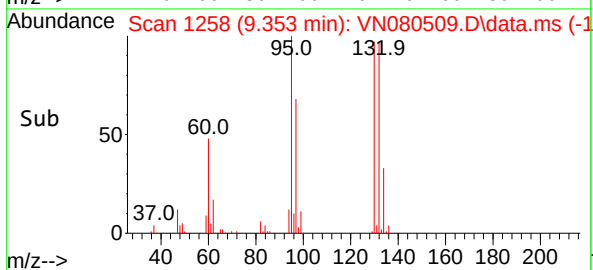
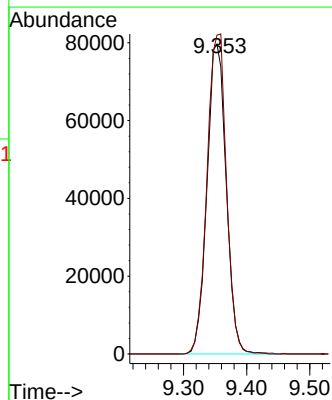
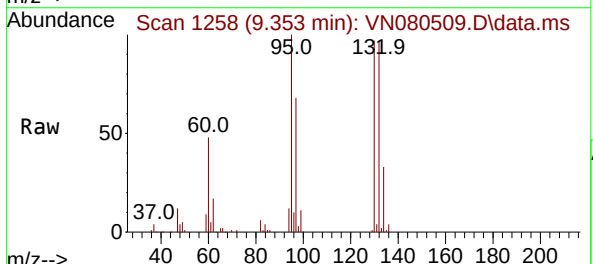
Manual Integrations
APPROVED

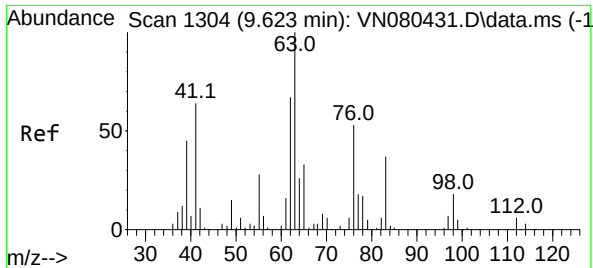
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#44
Trichloroethene
Concen: 47.453 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

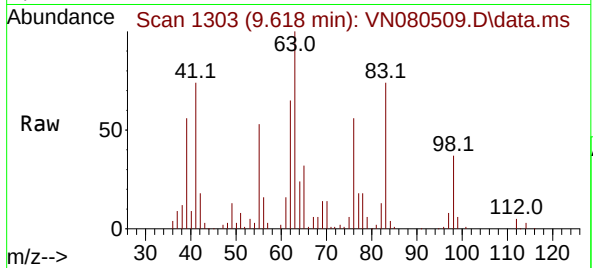
Tgt Ion:130 Resp: 168430
Ion Ratio Lower Upper
130 100
95 102.9 0.0 204.6





#45
1,2-Dichloropropane
Concen: 49.788 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

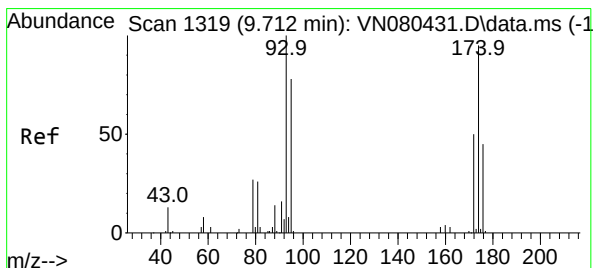
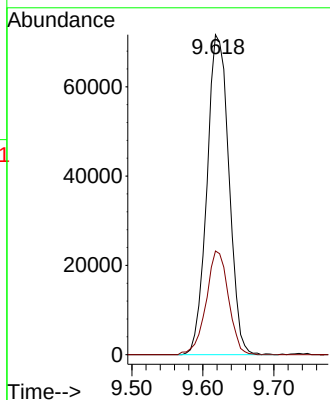
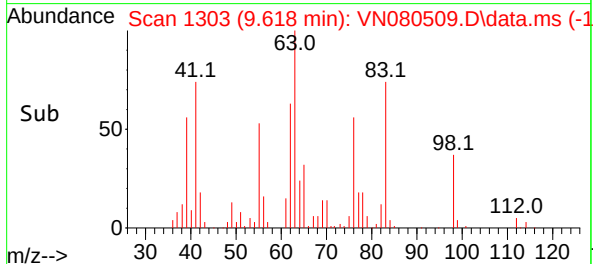
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



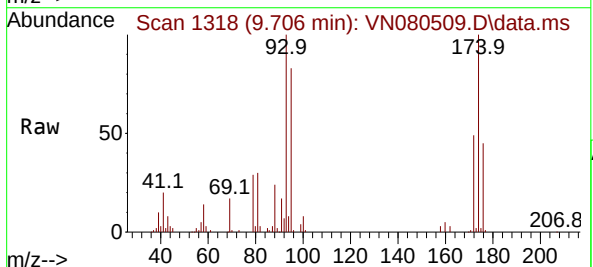
Tgt Ion: 63 Resp: 15395
Ion Ratio Lower Upper
63 100
65 32.4 23.9 35.9

Manual Integrations
APPROVED

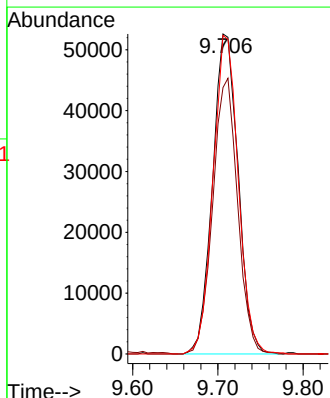
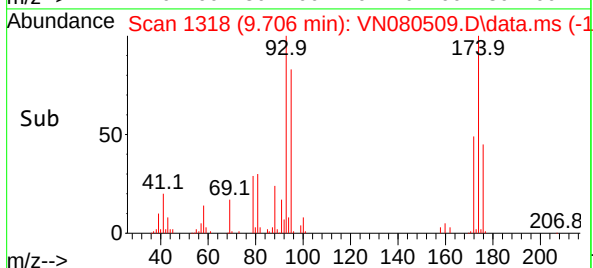
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

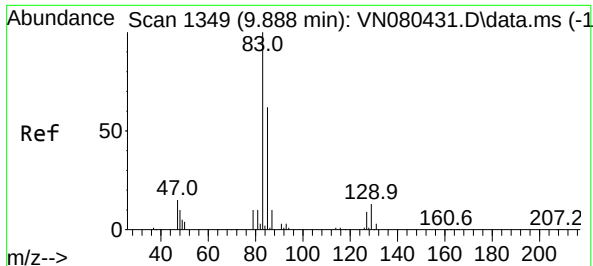


#46
Dibromomethane
Concen: 49.453 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25



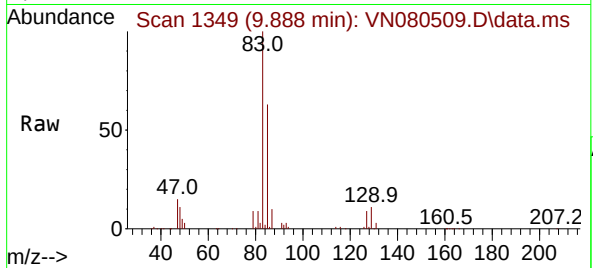
Tgt Ion: 93 Resp: 109822
Ion Ratio Lower Upper
93 100
95 83.9 63.8 95.8
174 98.1 65.6 98.4





#47
Bromodichloromethane
Concen: 52.723 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

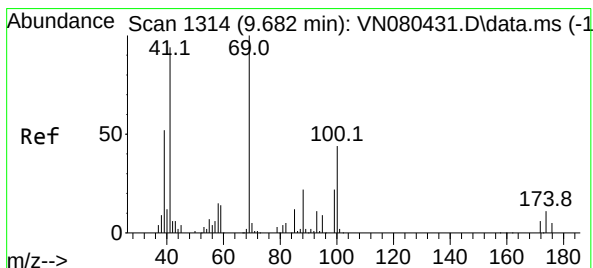
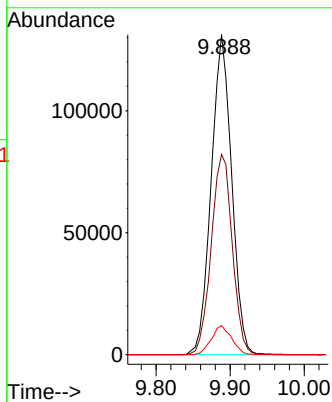
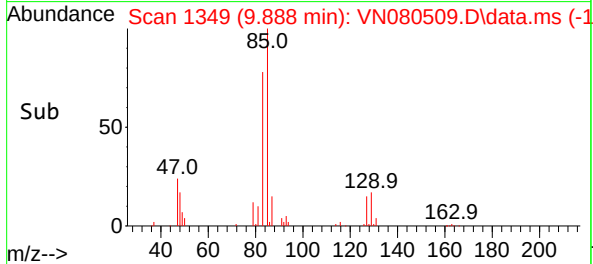
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 250929
Ion Ratio Lower Upper
83 100
85 62.6 49.6 74.4
127 9.1 7.0 10.6

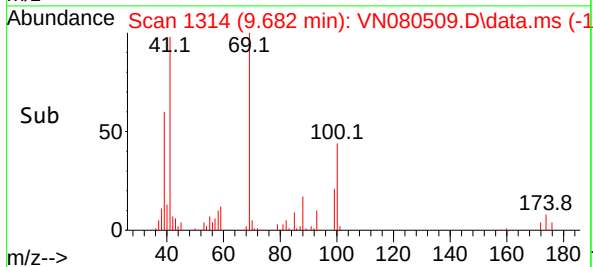
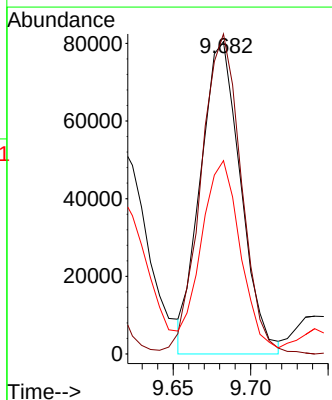
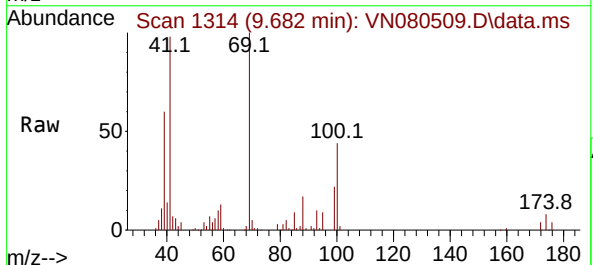
Manual Integrations
APPROVED

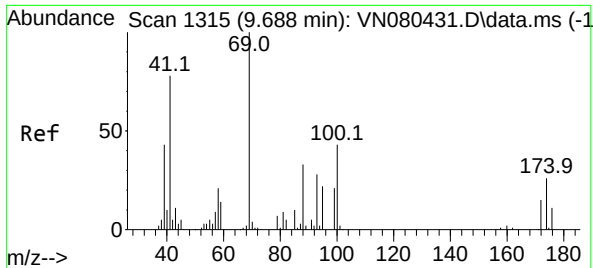
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#48
Methyl methacrylate
Concen: 47.340 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

Tgt Ion: 41 Resp: 145028
Ion Ratio Lower Upper
41 100
69 102.9 90.4 135.6
39 61.0 54.6 81.8





#49

1,4-Dioxane

Concen: 839.415 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080509.D

Acq: 19 Dec 2023 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 38978

Ion Ratio Lower Upper

88 100

43 31.8 17.0 25.6

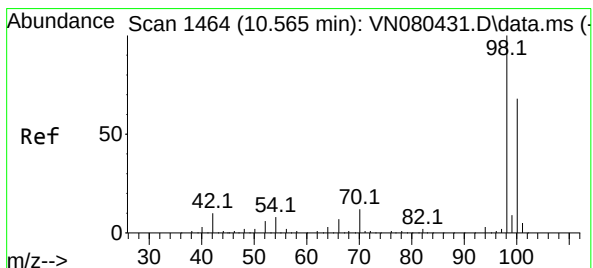
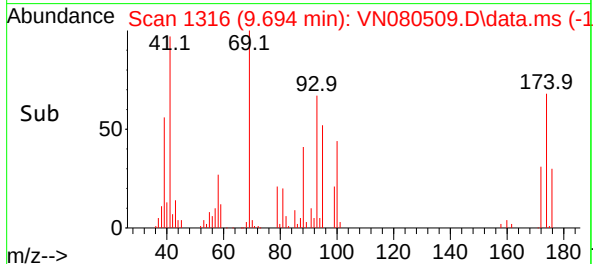
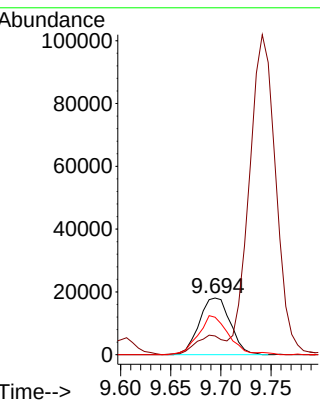
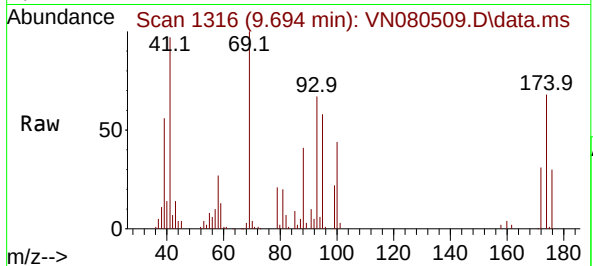
58 67.2 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#50

Toluene-d8

Concen: 53.772 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080509.D

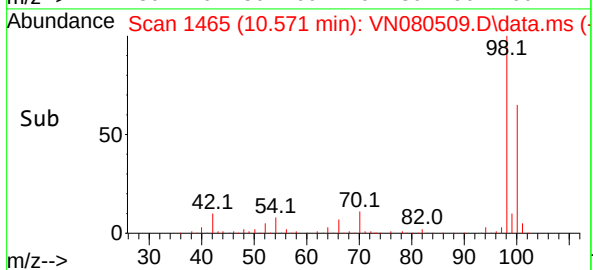
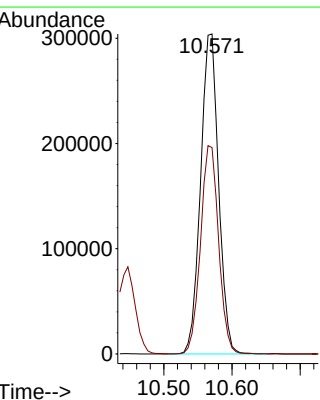
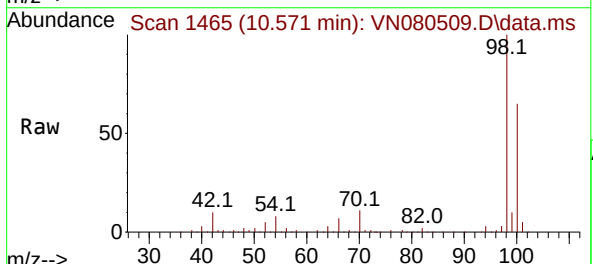
Acq: 19 Dec 2023 10:25

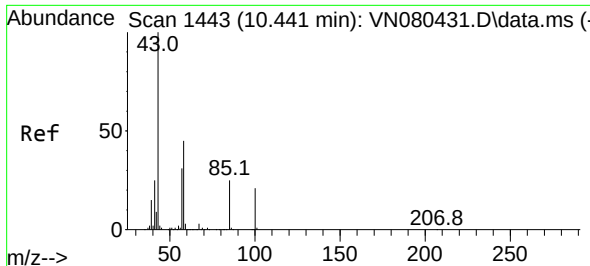
Tgt Ion: 98 Resp: 559218

Ion Ratio Lower Upper

98 100

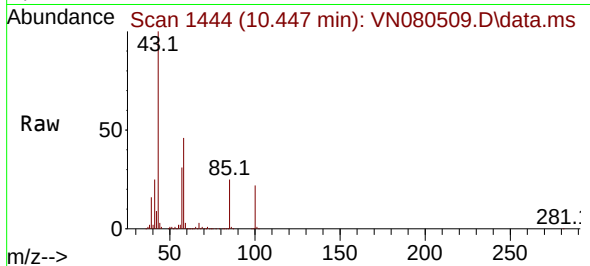
100 65.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 246.342 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

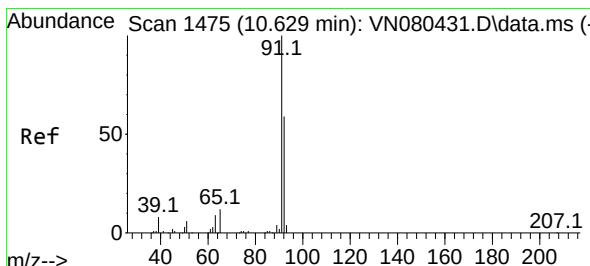
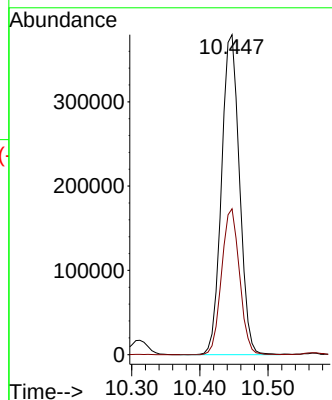
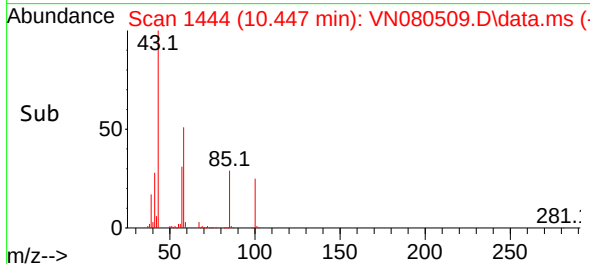
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 696483
Ion Ratio Lower Upper
43 100
58 45.5 36.6 54.8

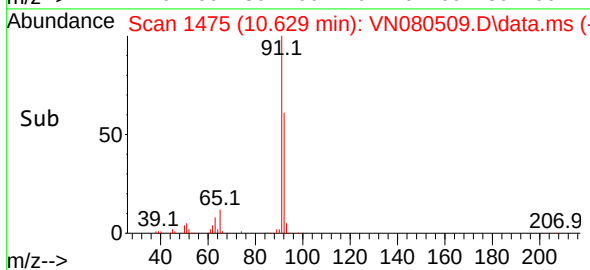
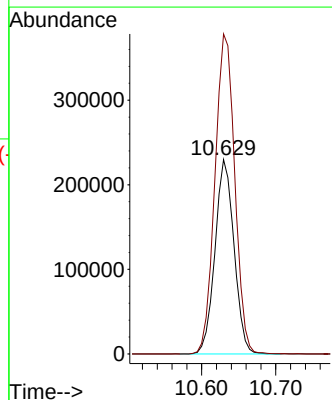
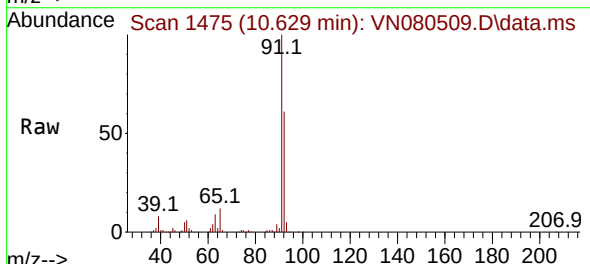
Manual Integrations
APPROVED

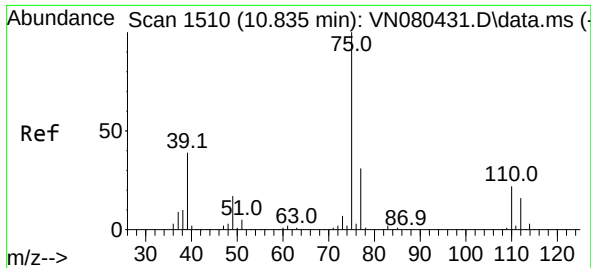
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#52
Toluene
Concen: 49.268 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

Tgt Ion: 92 Resp: 409786
Ion Ratio Lower Upper
92 100
91 171.6 137.4 206.0





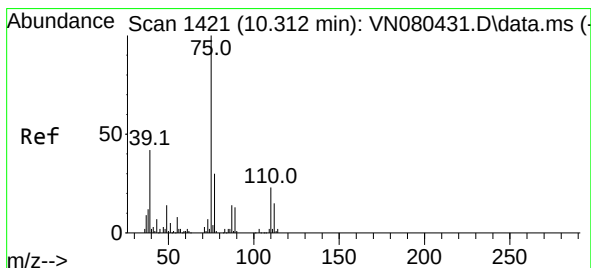
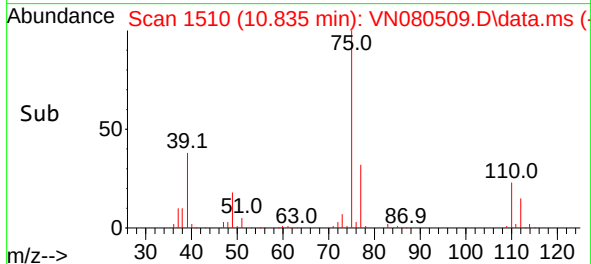
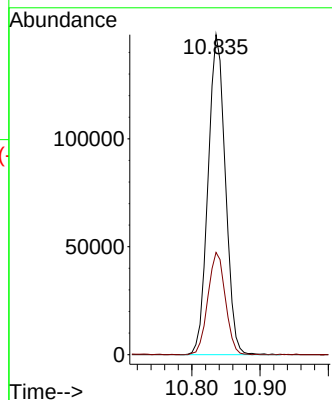
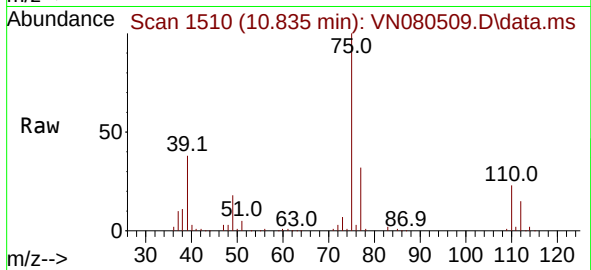
#53
t-1,3-Dichloropropene
Concen: 50.801 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 261597
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0

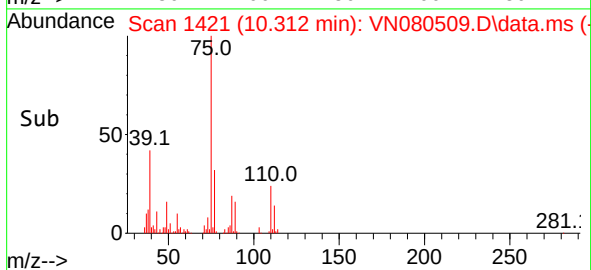
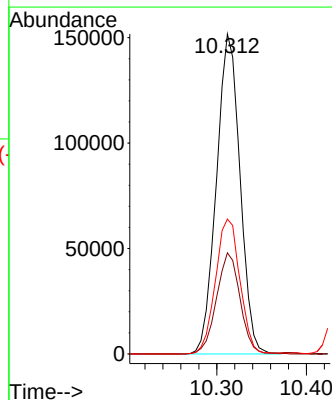
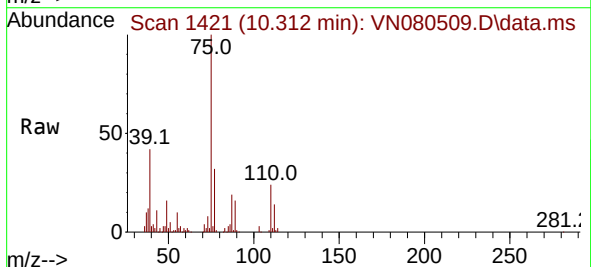
Manual Integrations
APPROVED

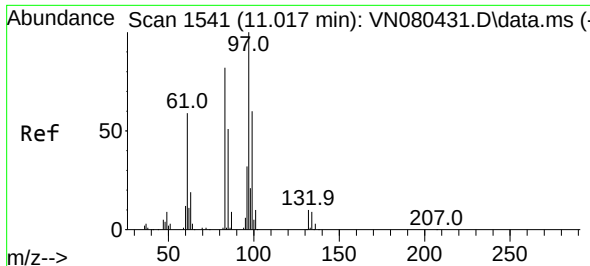
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#54
cis-1,3-Dichloropropene
Concen: 50.298 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

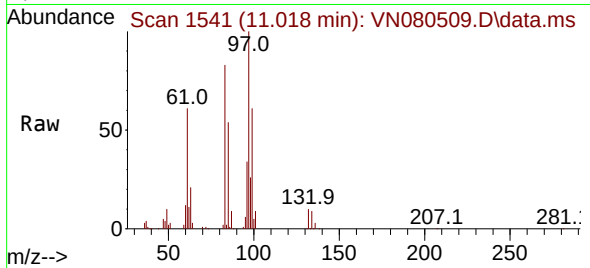
Tgt Ion: 75 Resp: 276842
Ion Ratio Lower Upper
75 100
77 31.6 26.1 39.1
39 42.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 50.290 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

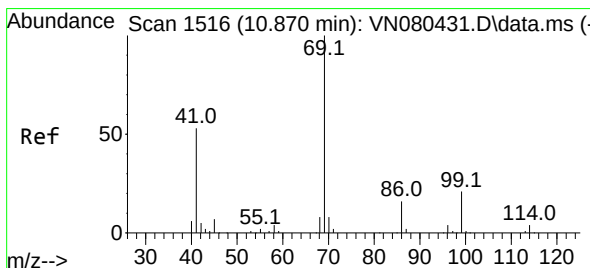
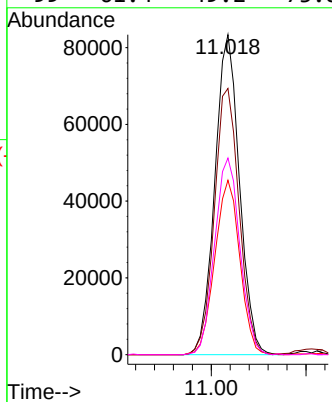
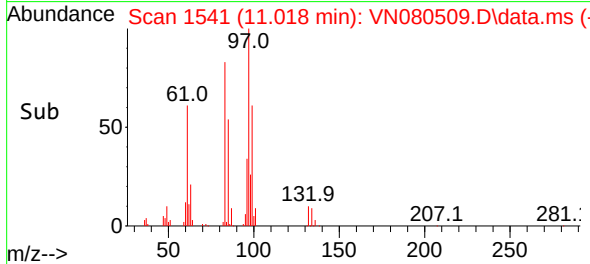
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



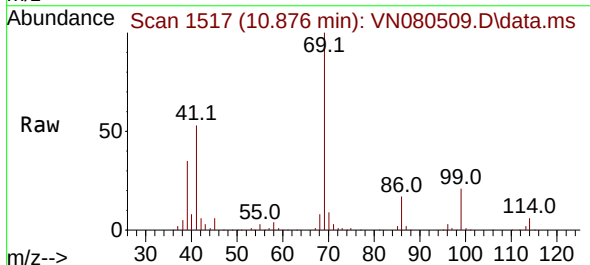
Tgt Ion: 97 Resp: 150509
Ion Ratio Lower Upper
97 100
83 83.2 65.1 97.7
85 54.5 43.4 65.2
99 61.4 49.2 73.8

Manual Integrations
APPROVED

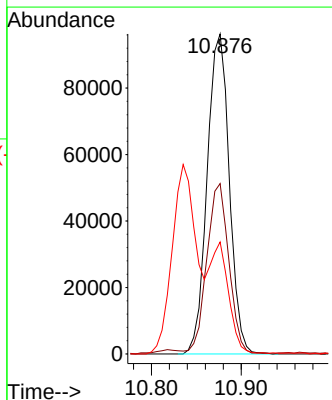
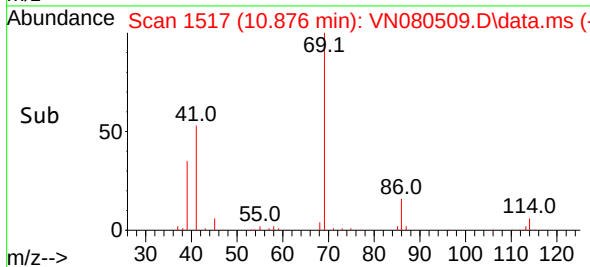
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

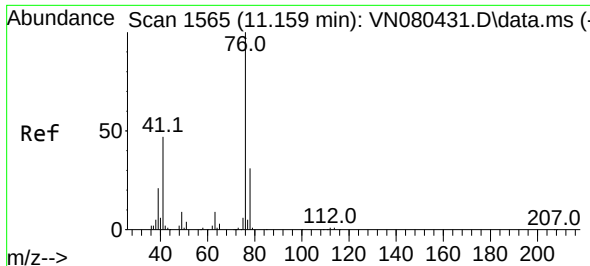


#56
Ethyl methacrylate
Concen: 49.756 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25



Tgt Ion: 69 Resp: 164864
Ion Ratio Lower Upper
69 100
41 53.2 39.6 59.4
39 29.7 28.6 43.0





#57

1,3-Dichloropropane

Concen: 49.315 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.006 min

Lab File: VN080509.D

Acq: 19 Dec 2023 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 258728

Ion Ratio Lower Upper

76 100

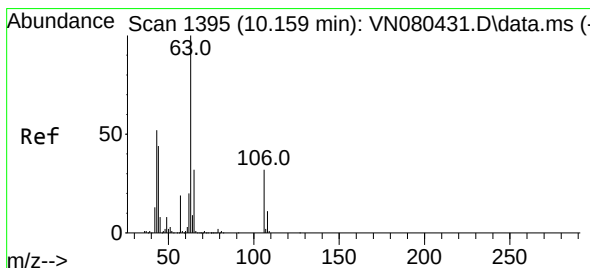
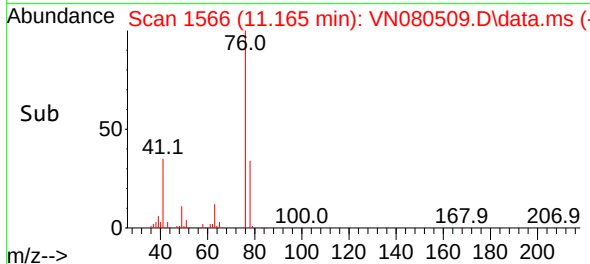
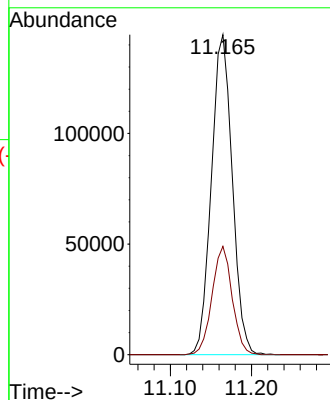
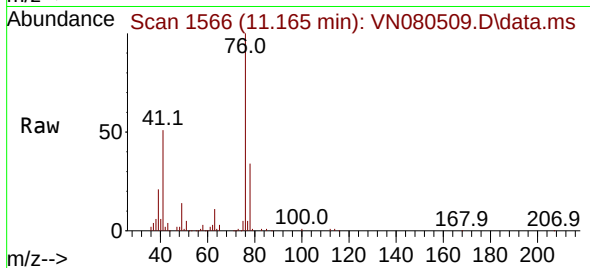
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2023

Supervised By :Mahesh Dadoda 12/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 249.861 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080509.D

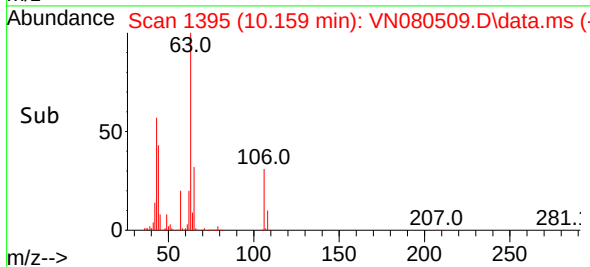
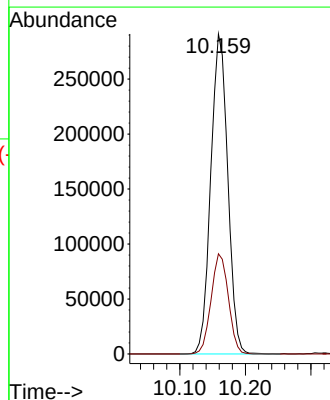
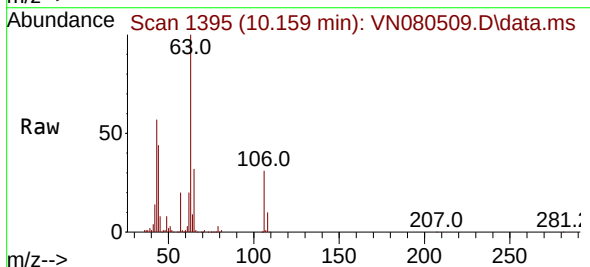
Acq: 19 Dec 2023 10:25

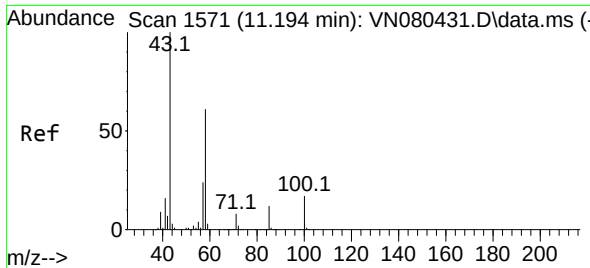
Tgt Ion: 63 Resp: 522656

Ion Ratio Lower Upper

63 100

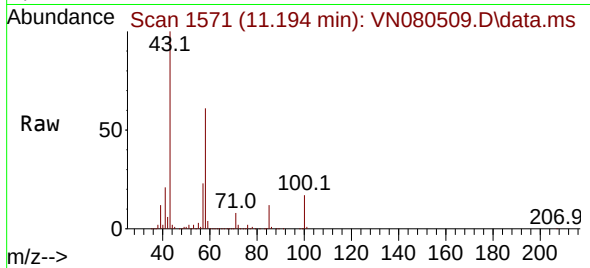
106 31.7 26.2 39.4





#59
2-Hexanone
Concen: 241.776 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

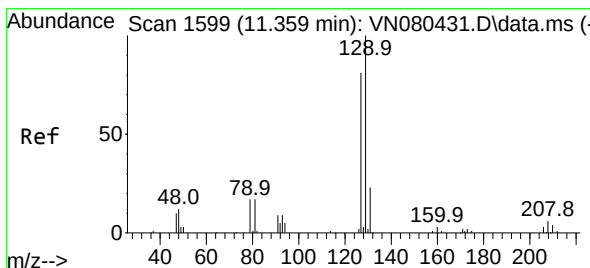
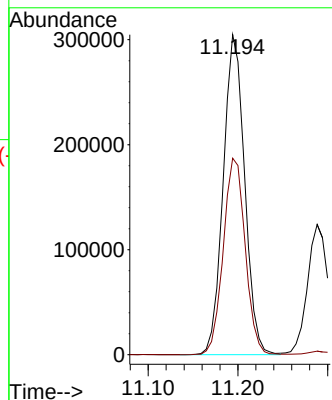
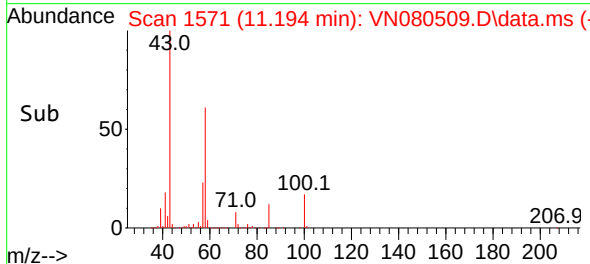
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 50464
Ion Ratio Lower Upper
43 100
58 63.0 31.7 95.1

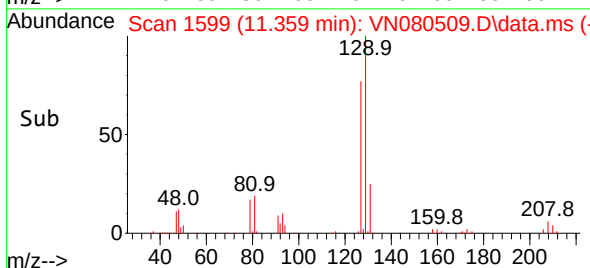
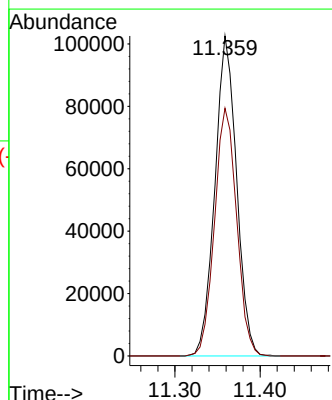
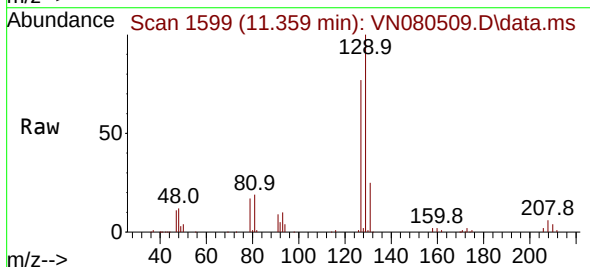
Manual Integrations
APPROVED

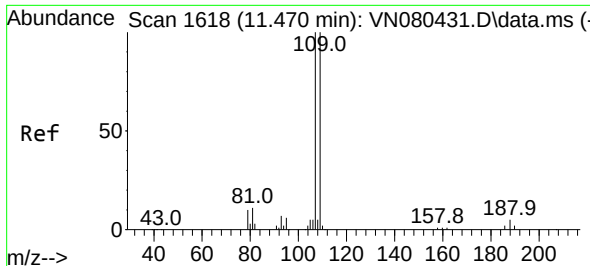
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#60
Dibromochloromethane
Concen: 51.295 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

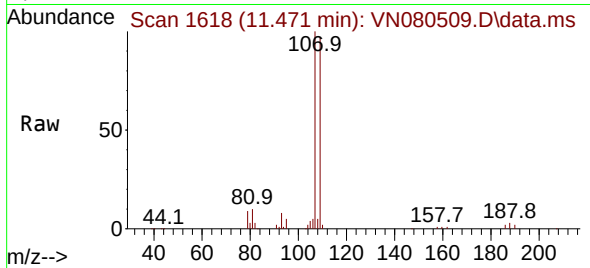
Tgt Ion:129 Resp: 181913
Ion Ratio Lower Upper
129 100
127 78.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.042 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

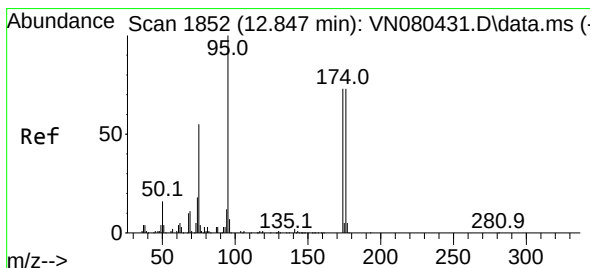
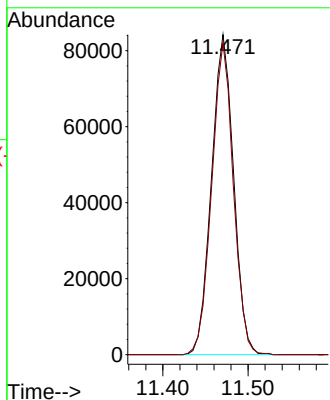
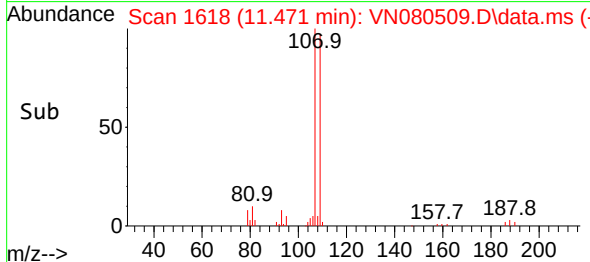
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 151908
Ion Ratio Lower Upper
107 100
109 95.5 76.6 114.8

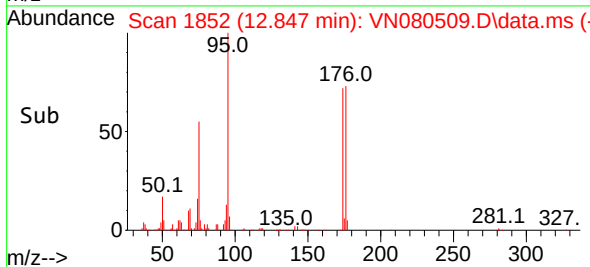
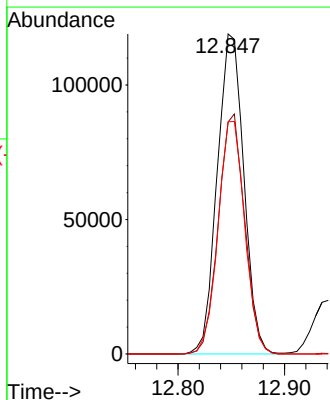
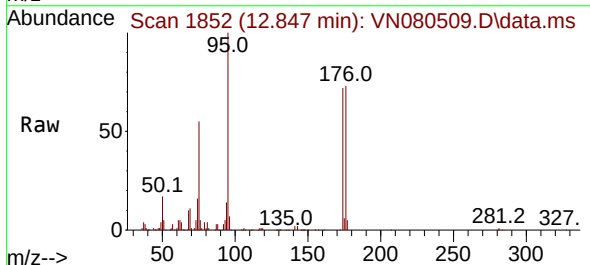
Manual Integrations
APPROVED

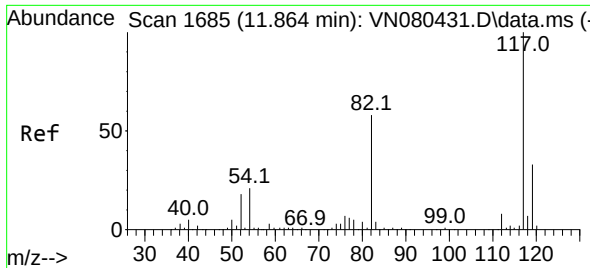
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#62
4-Bromofluorobenzene
Concen: 52.305 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

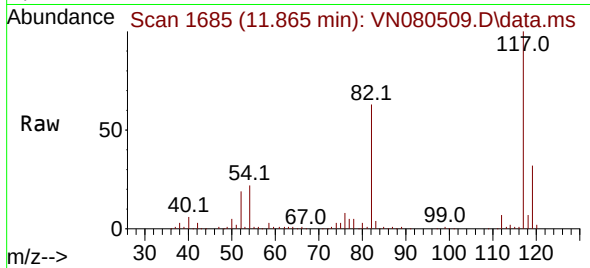
Tgt Ion: 95 Resp: 206559
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 72.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

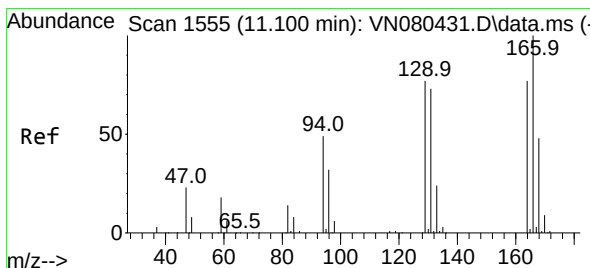
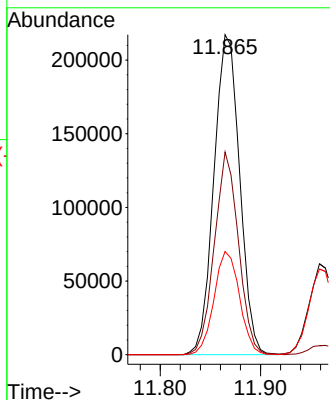
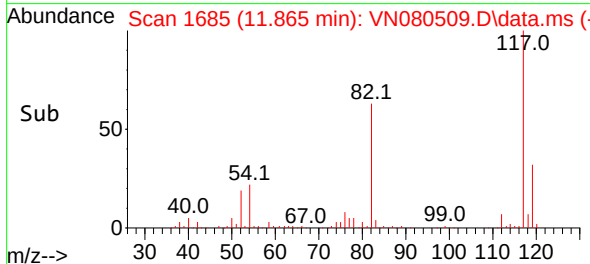
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



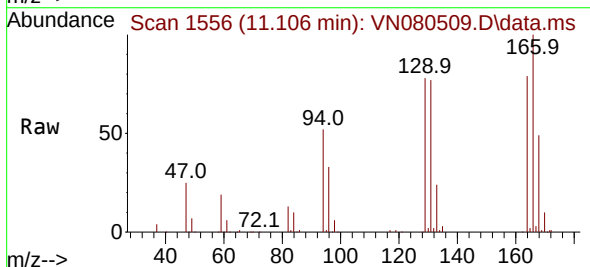
Tgt Ion:117 Resp: 387460
Ion Ratio Lower Upper
117 100
82 63.3 44.0 66.0
119 32.2 25.6 38.4

Manual Integrations
APPROVED

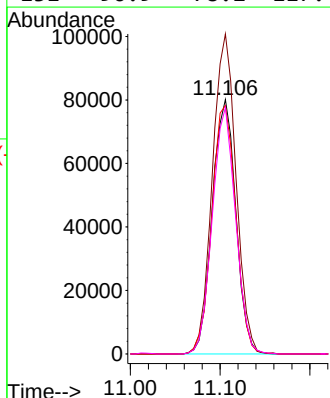
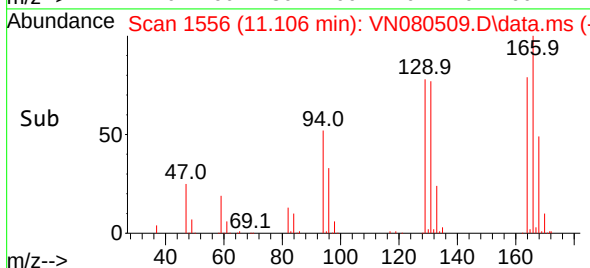
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

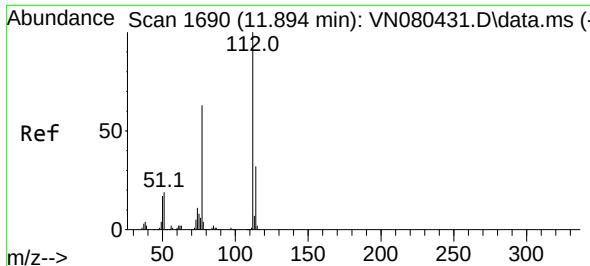


#64
Tetrachloroethene
Concen: 48.801 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25



Tgt Ion:164 Resp: 145993
Ion Ratio Lower Upper
164 100
166 125.8 101.4 152.0
129 97.7 82.4 123.6
131 96.9 78.2 117.4





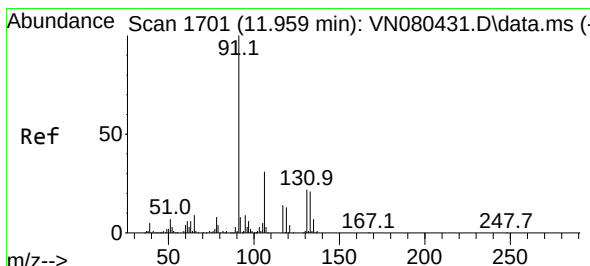
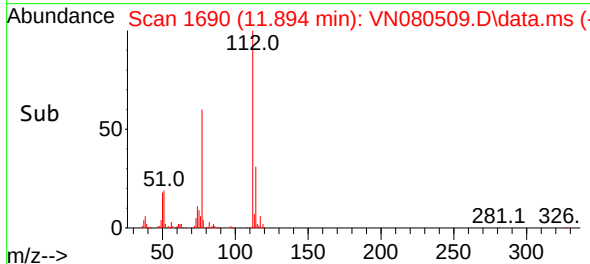
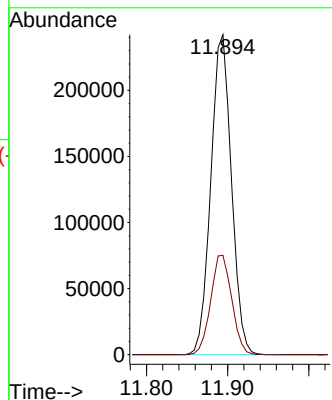
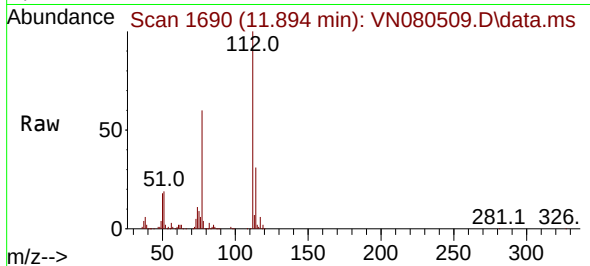
#65
Chlorobenzene
Concen: 49.494 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 426602
Ion Ratio Lower Upper
112 100
114 31.0 25.0 37.4

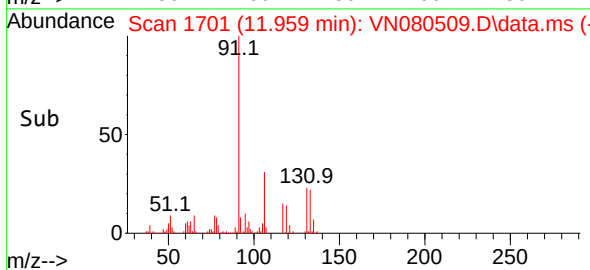
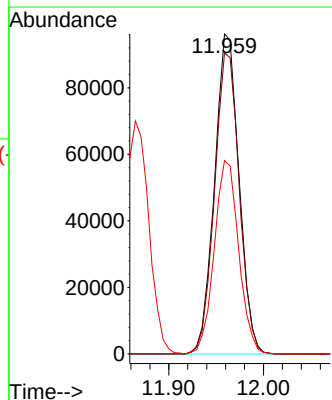
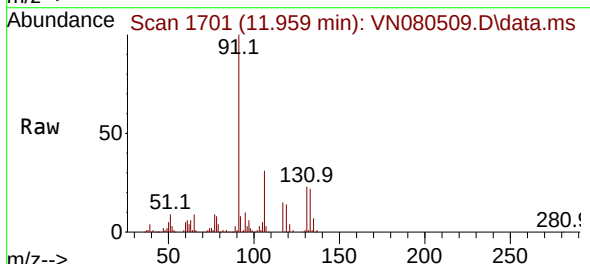
Manual Integrations
APPROVED

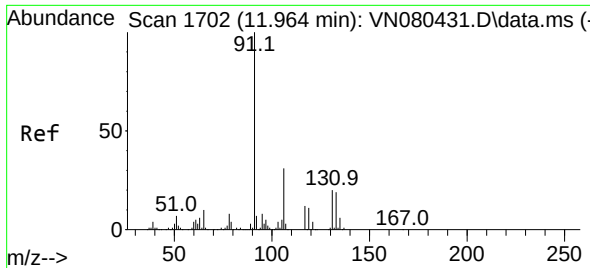
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.994 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

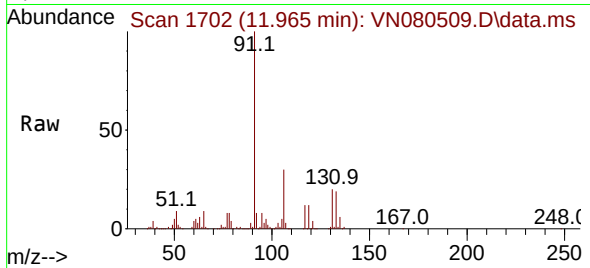
Tgt Ion:131 Resp: 172466
Ion Ratio Lower Upper
131 100
133 95.0 46.4 139.1
119 60.4 34.1 102.2





#67
Ethyl Benzene
Concen: 49.735 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

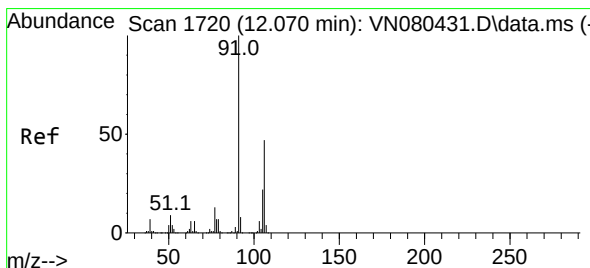
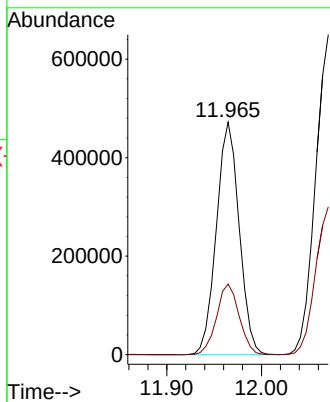
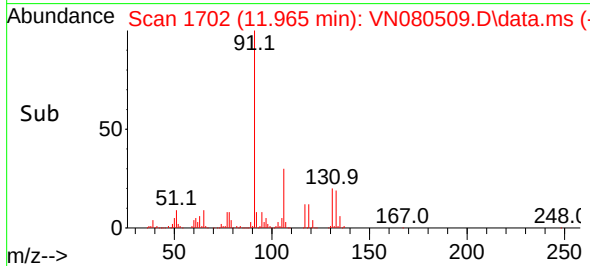
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



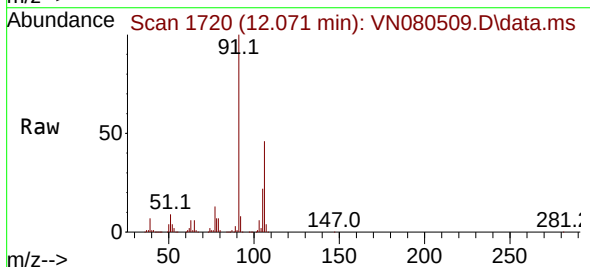
Tgt Ion: 91 Resp: 788225
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4

Manual Integrations
APPROVED

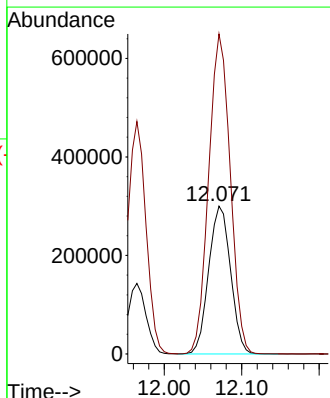
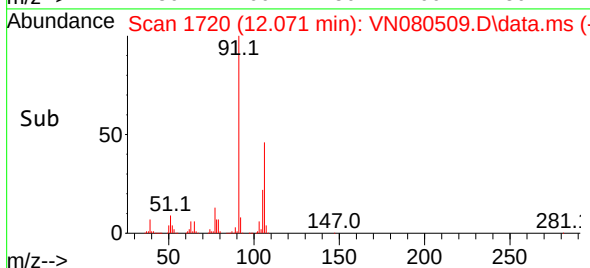
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

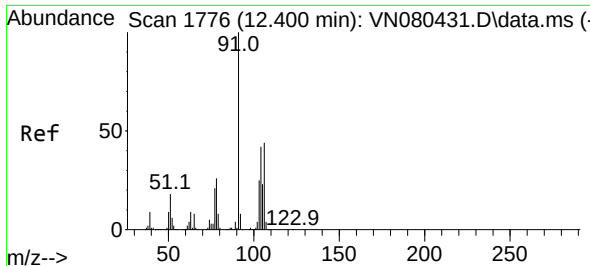


#68
m/p-Xylenes
Concen: 100.692 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25



Tgt Ion:106 Resp: 589697
Ion Ratio Lower Upper
106 100
91 213.5 159.6 239.4





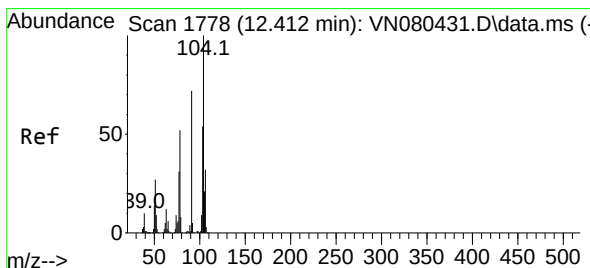
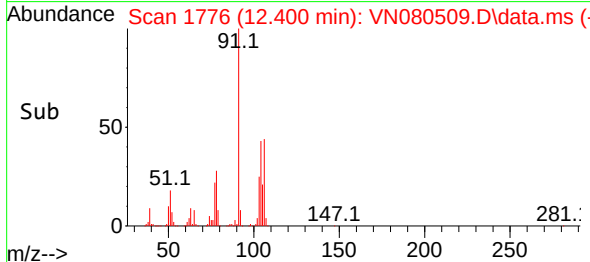
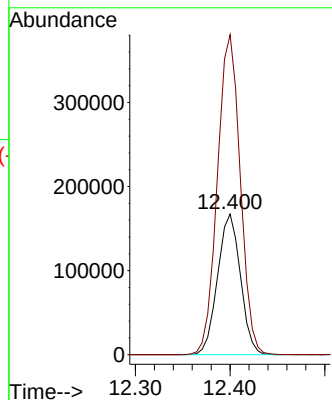
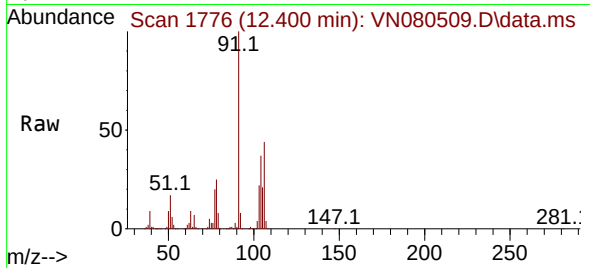
#69
o-Xylene
Concen: 48.905 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 280140
Ion Ratio Lower Upper
106 100
91 228.3 105.2 315.5

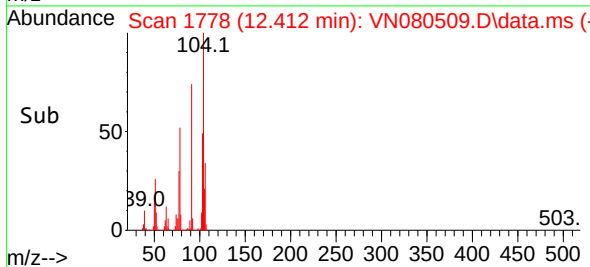
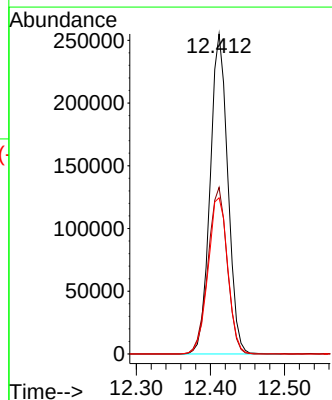
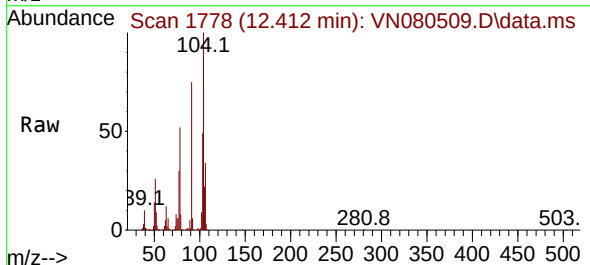
Manual Integrations
APPROVED

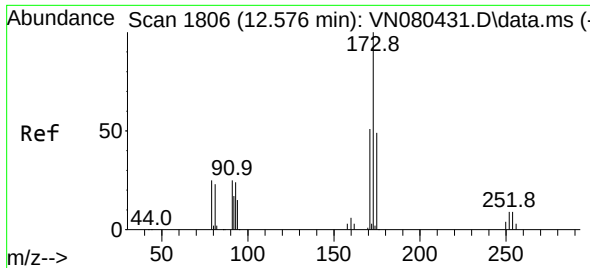
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#70
Styrene
Concen: 51.259 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

Tgt Ion:104 Resp: 422947
Ion Ratio Lower Upper
104 100
78 56.3 39.5 59.3
103 54.5 43.2 64.8





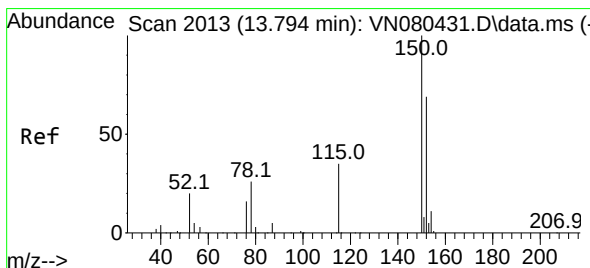
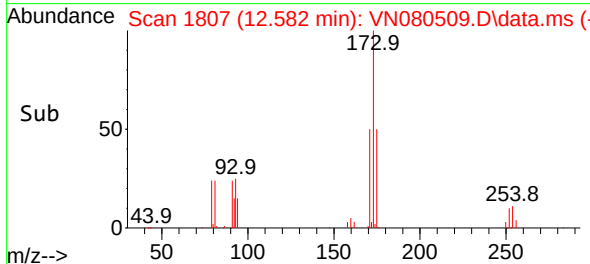
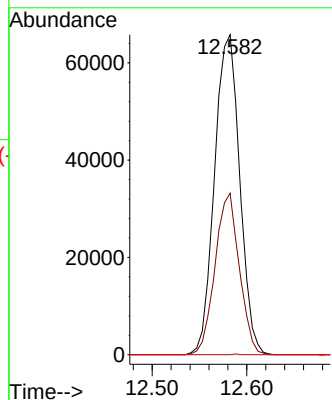
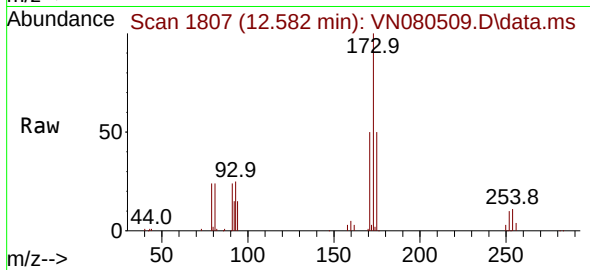
#71
Bromoform
Concen: 49.302 ug/l
RT: 12.582 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 121597
Ion Ratio Lower Upper
173 100
175 48.5 24.3 73.0
254 0.1 0.0 0.0

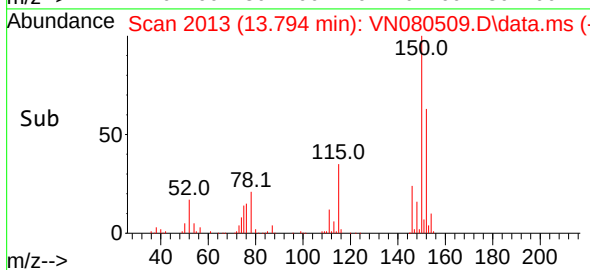
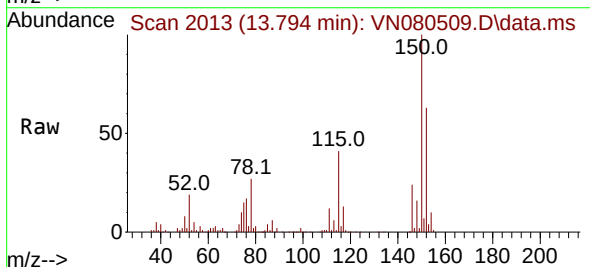
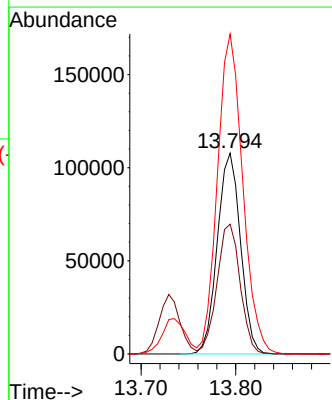
Manual Integrations
APPROVED

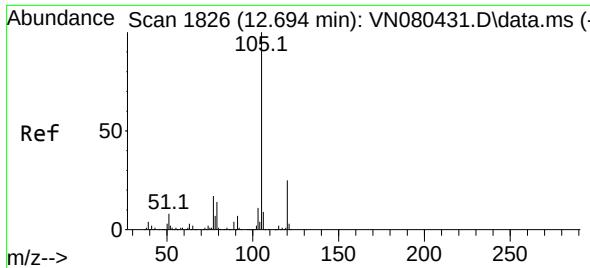
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

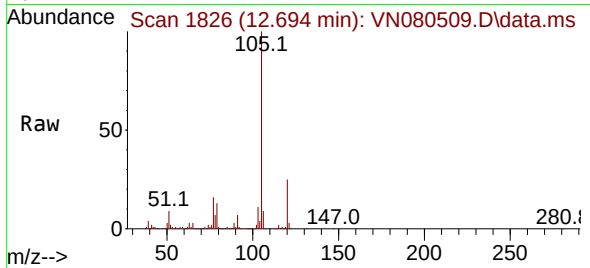
Tgt Ion:152 Resp: 183189
Ion Ratio Lower Upper
152 100
115 64.7 32.3 96.8
150 173.8 0.0 355.8





#73
Isopropylbenzene
Concen: 51.011 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

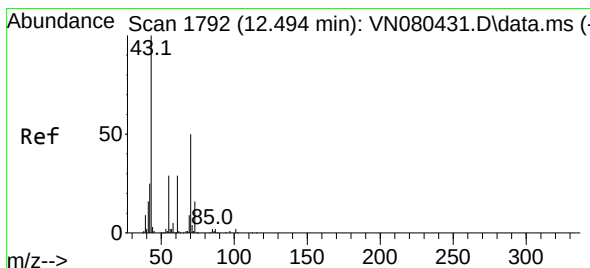
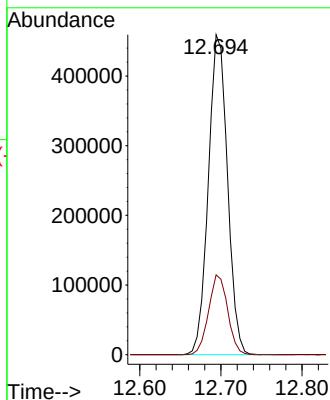
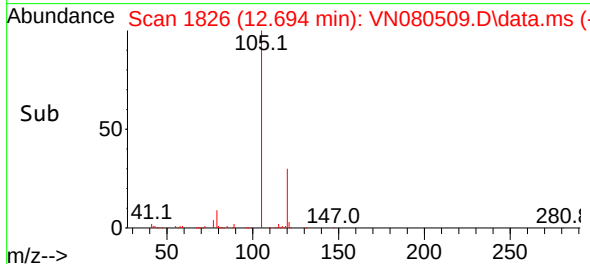
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 750682
Ion Ratio Lower Upper
105 100
120 24.9 13.1 39.1

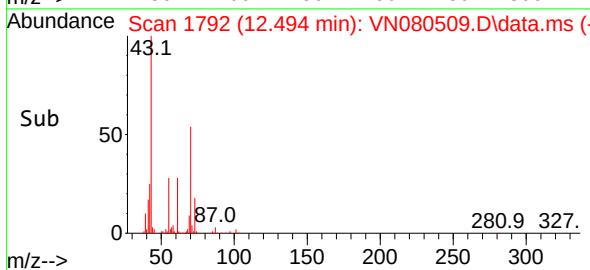
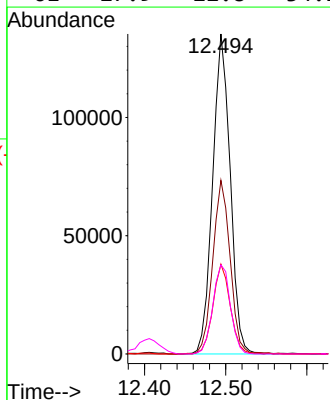
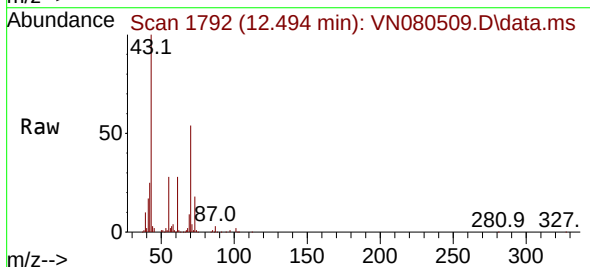
Manual Integrations
APPROVED

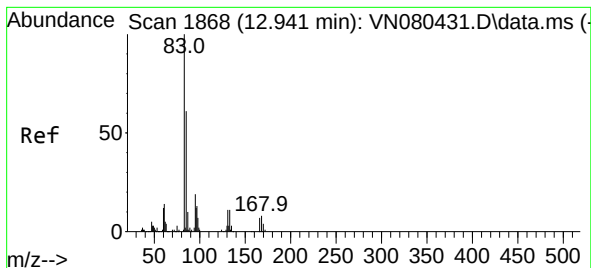
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#74
N-ethyl acetate
Concen: 47.320 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

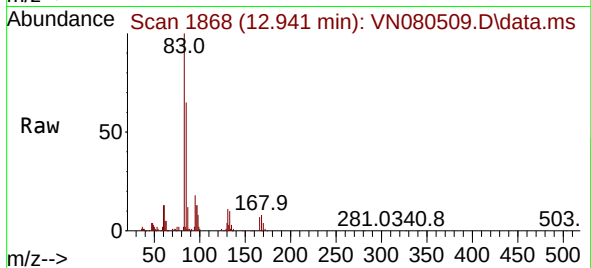
Tgt Ion: 43 Resp: 203350
Ion Ratio Lower Upper
43 100
70 53.4 43.4 65.2
55 28.0 21.4 32.0
61 27.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.659 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

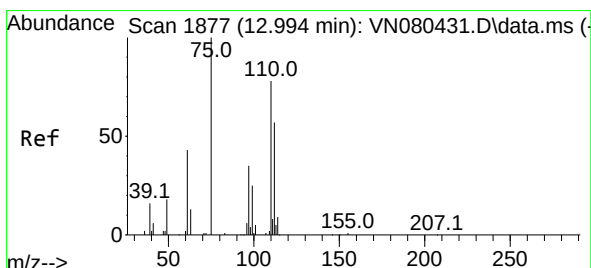
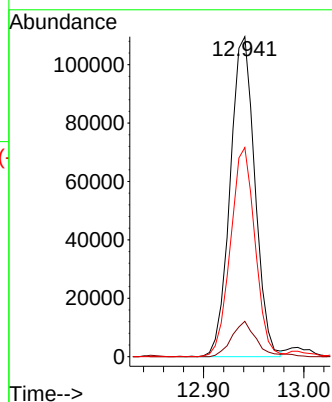
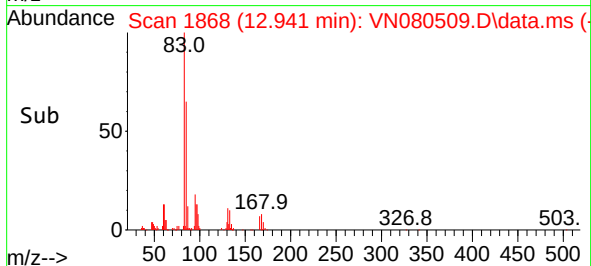
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 187930
Ion Ratio Lower Upper
83 100
131 11.2 5.0 15.0
85 65.0 31.9 95.7

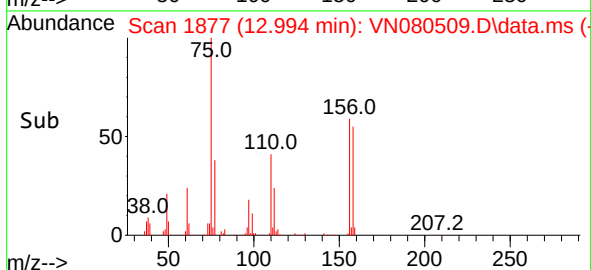
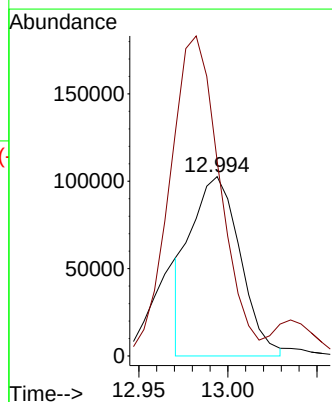
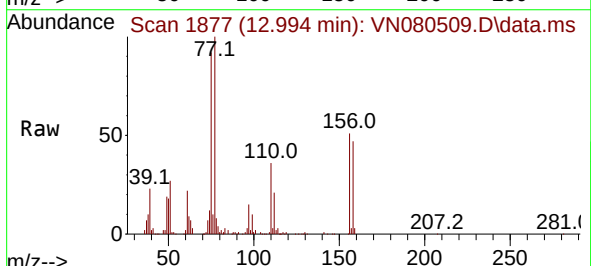
Manual Integrations
APPROVED

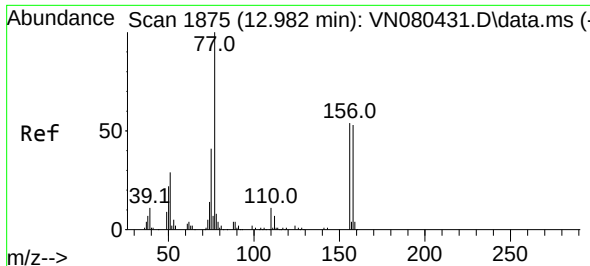
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#76
1,2,3-Trichloropropane
Concen: 54.071 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

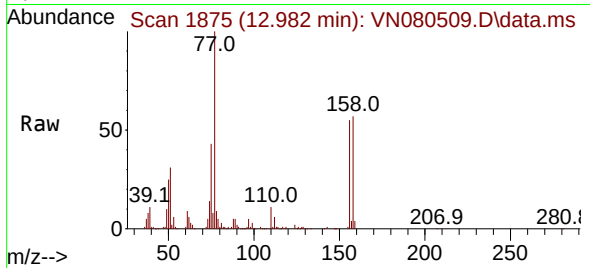
Tgt Ion: 75 Resp: 197604
Ion Ratio Lower Upper
75 100
77 183.3 84.5 253.5





#77
Bromobenzene
Concen: 48.412 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

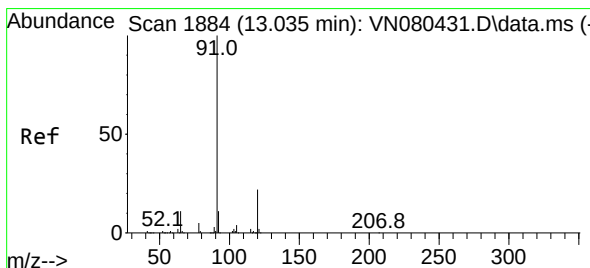
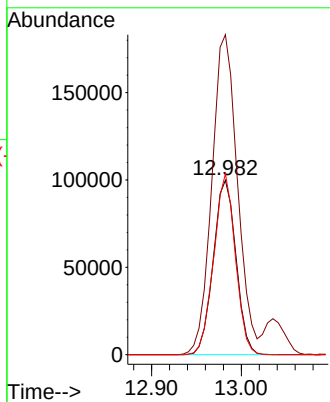
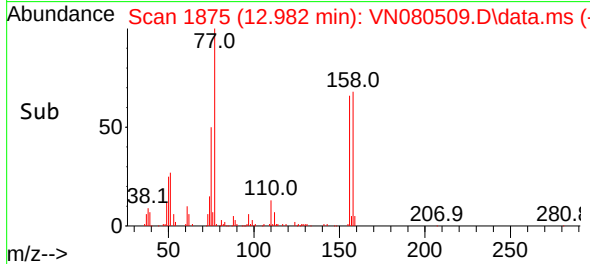
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



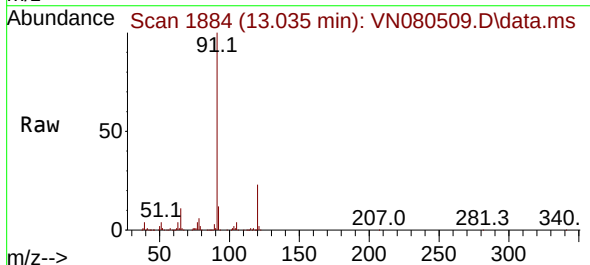
Tgt Ion:156 Resp: 17525
Ion Ratio Lower Upper
156 100
77 206.7 107.7 323.3
158 98.6 48.4 145.3

Manual Integrations
APPROVED

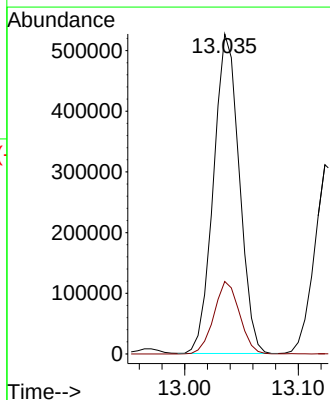
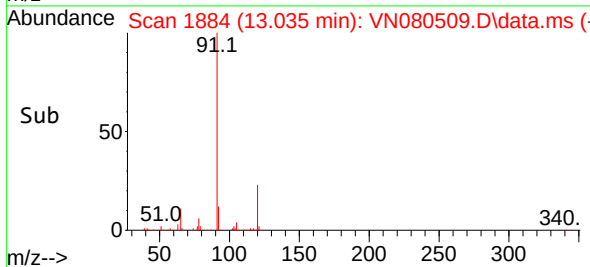
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

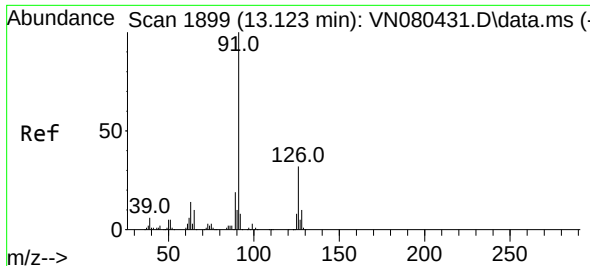


#78
n-propylbenzene
Concen: 51.181 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25



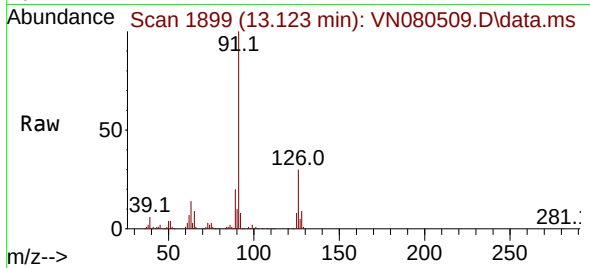
Tgt Ion: 91 Resp: 830437
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4





#79
2-Chlorotoluene
Concen: 49.572 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

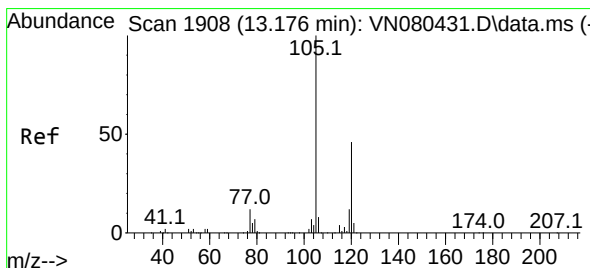
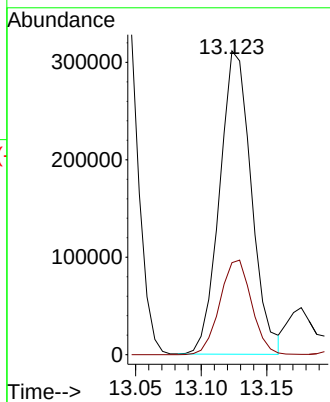
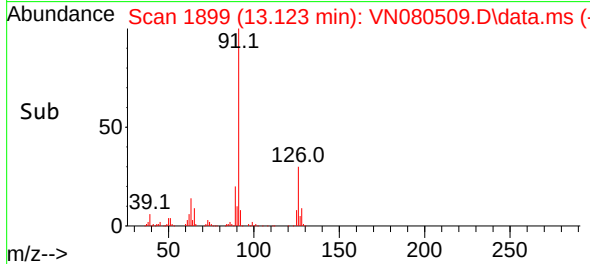
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



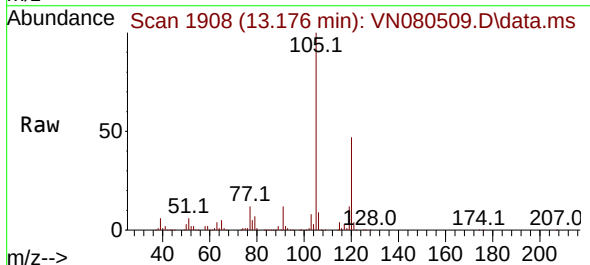
Tgt Ion: 91 Resp: 52511
Ion Ratio Lower Upper
91 100
126 31.1 16.3 48.8

Manual Integrations
APPROVED

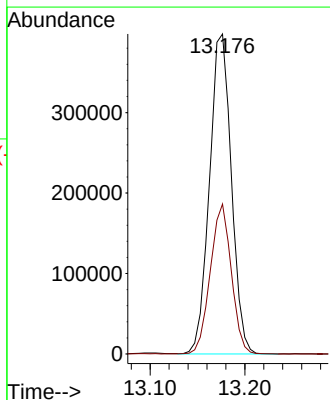
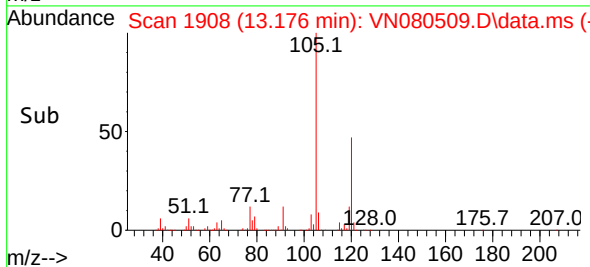
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

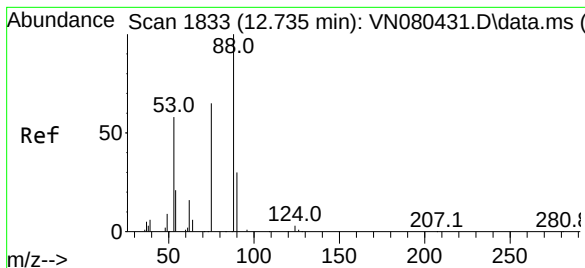


#80
1,3,5-Trimethylbenzene
Concen: 50.416 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25



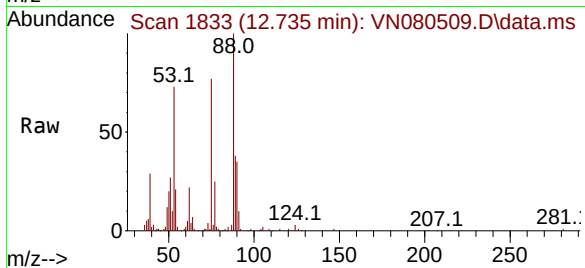
Tgt Ion:105 Resp: 638979
Ion Ratio Lower Upper
105 100
120 44.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 47.600 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

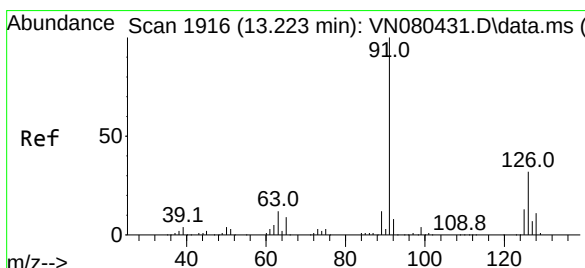
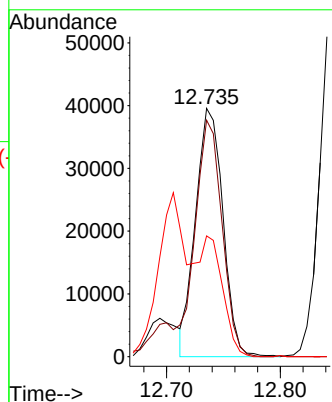
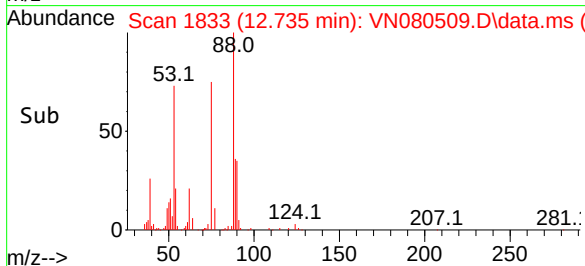
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



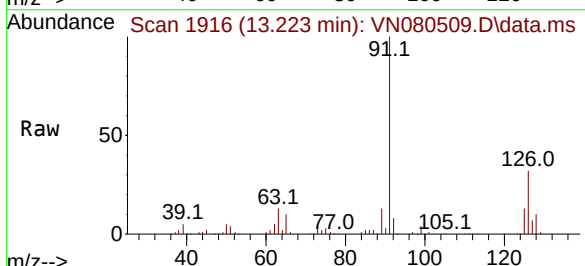
Tgt Ion: 75 Resp: 66254
Ion Ratio Lower Upper
75 100
53 107.0 67.4 101.2
89 41.3 38.8 58.2

Manual Integrations
APPROVED

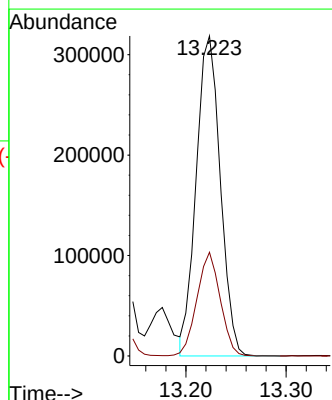
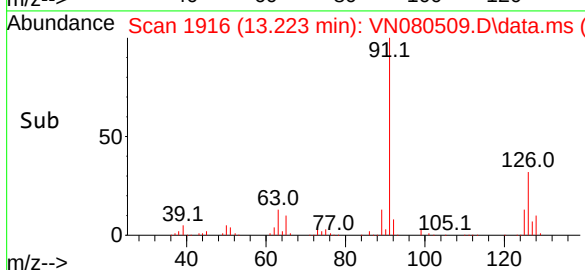
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

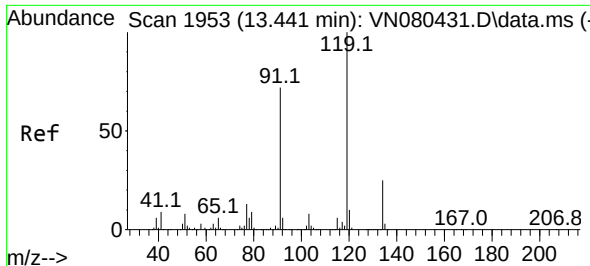


#82
4-Chlorotoluene
Concen: 48.975 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25



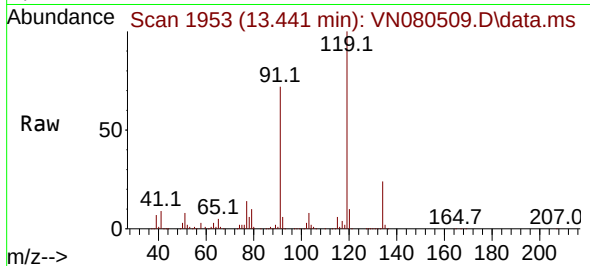
Tgt Ion: 91 Resp: 533239
Ion Ratio Lower Upper
91 100
126 31.3 16.7 50.0





#83
tert-Butylbenzene
Concen: 49.273 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

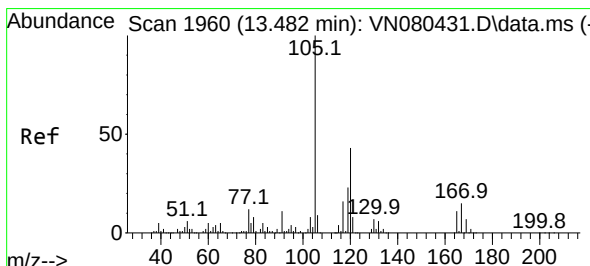
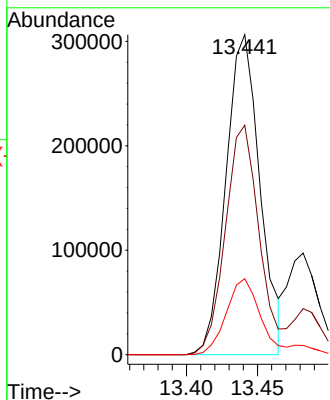
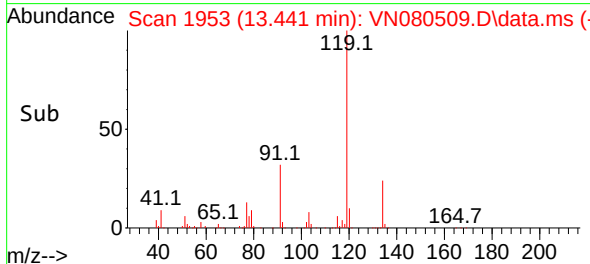
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



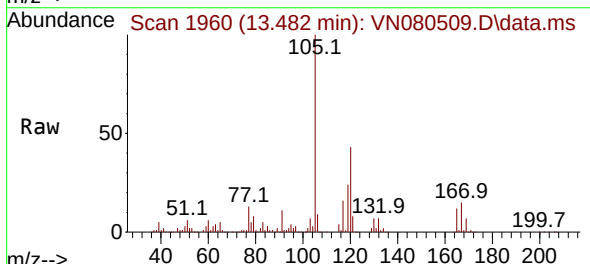
Tgt Ion:119 Resp: 511437
Ion Ratio Lower Upper
119 100
91 72.1 33.9 101.7
134 23.6 13.2 39.6

Manual Integrations
APPROVED

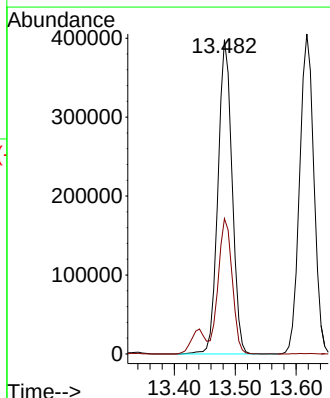
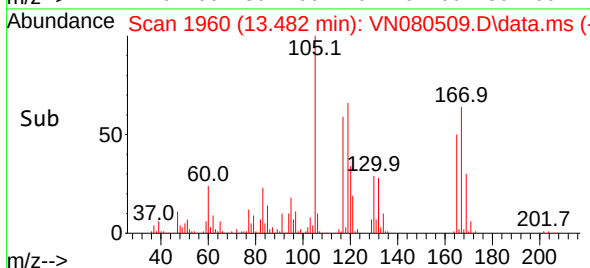
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

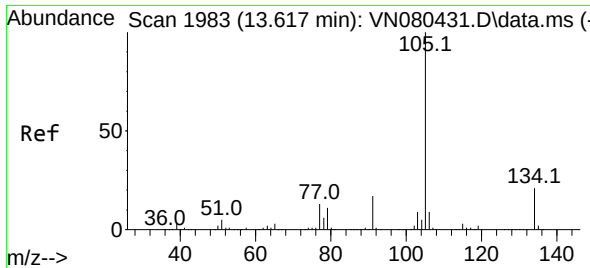


#84
1,2,4-Trimethylbenzene
Concen: 50.630 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25



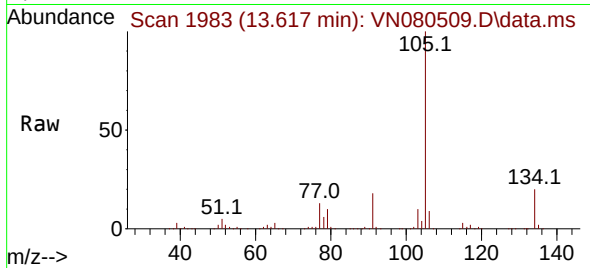
Tgt Ion:105 Resp: 638376
Ion Ratio Lower Upper
105 100
120 43.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 49.593 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080509.D
 Acq: 19 Dec 2023 10:25

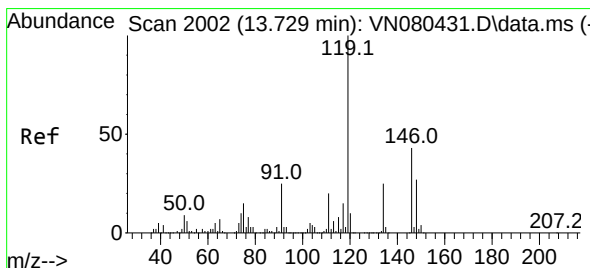
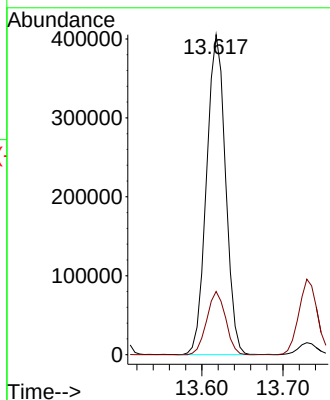
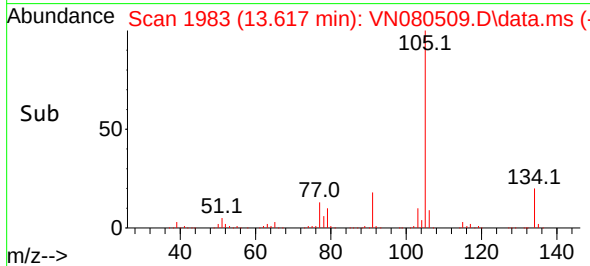
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



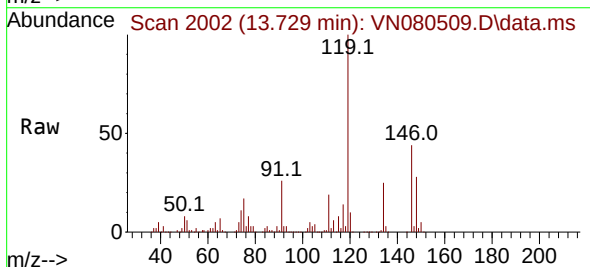
Tgt Ion:105 Resp: 65848
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations
 APPROVED

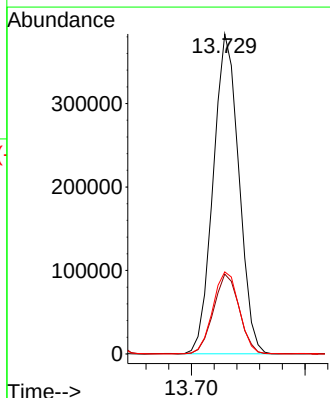
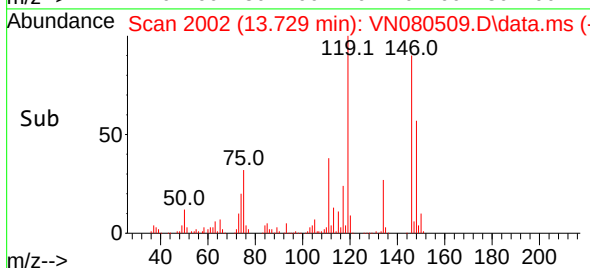
Reviewed By :John Carlone 12/20/2023
 Supervised By :Mahesh Dadoda 12/20/2023

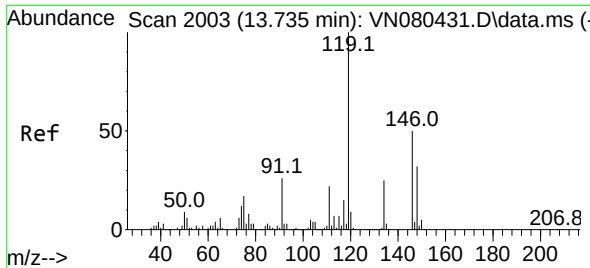


#86
 p-Isopropyltoluene
 Concen: 50.109 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080509.D
 Acq: 19 Dec 2023 10:25



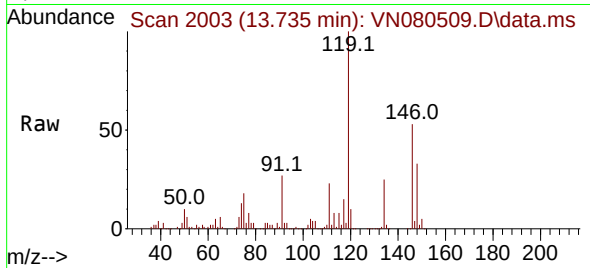
Tgt Ion:119 Resp: 600754
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 26.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 48.512 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

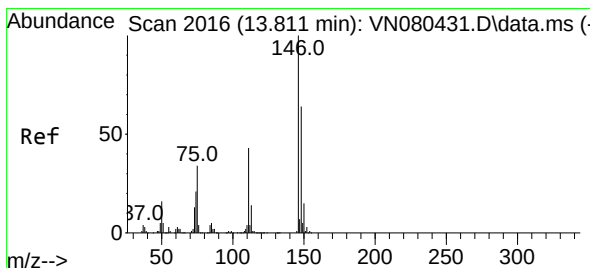
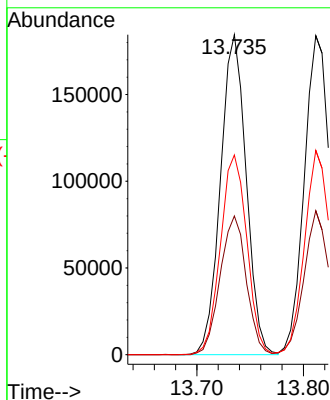
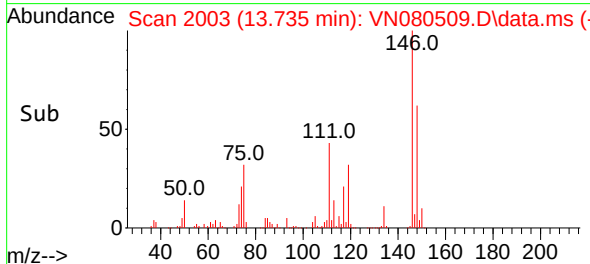
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



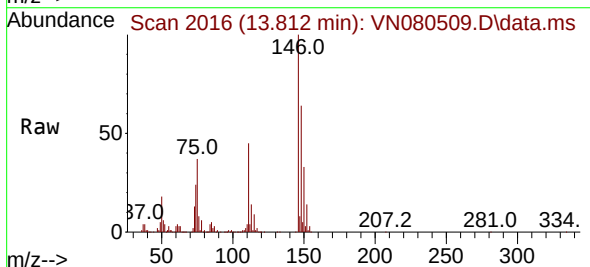
Tgt Ion:146 Resp: 30942
Ion Ratio Lower Upper
146 100
111 44.2 22.1 66.3
148 64.0 32.0 96.0

Manual Integrations
APPROVED

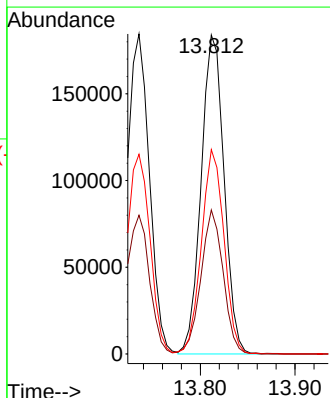
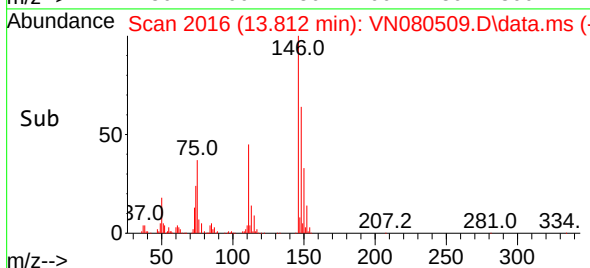
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

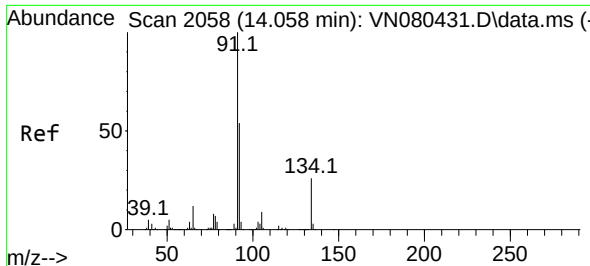


#88
1,4-Dichlorobenzene
Concen: 47.975 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25



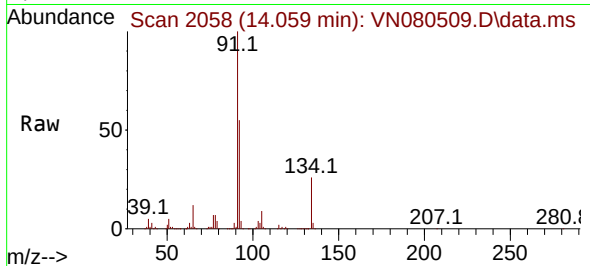
Tgt Ion:146 Resp: 308885
Ion Ratio Lower Upper
146 100
111 44.2 20.6 61.8
148 63.3 31.6 94.8





#89
n-Butylbenzene
Concen: 49.710 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

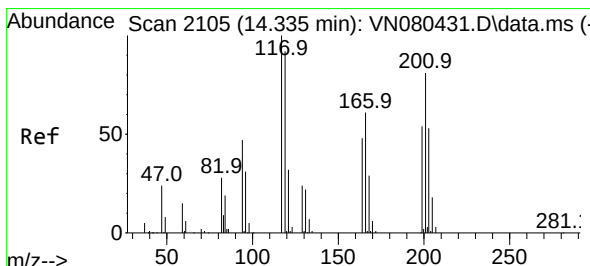
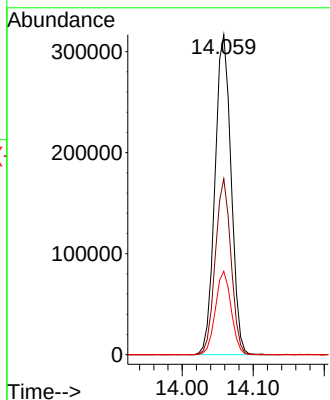
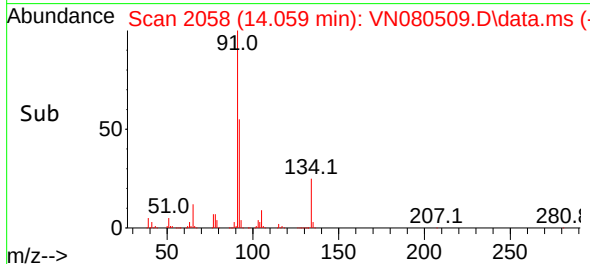
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 49769
Ion Ratio Lower Upper
91 100
92 53.4 26.4 79.0
134 25.5 12.6 37.6

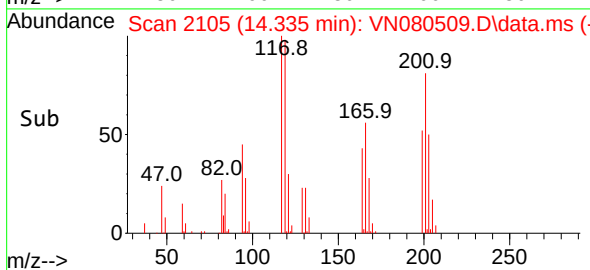
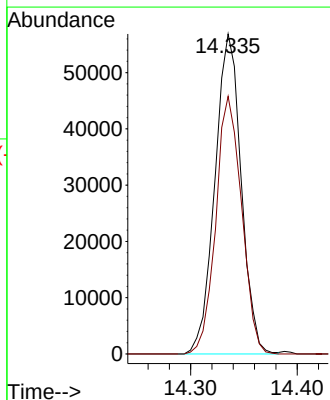
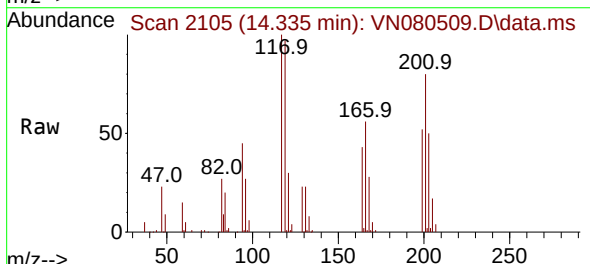
Manual Integrations
APPROVED

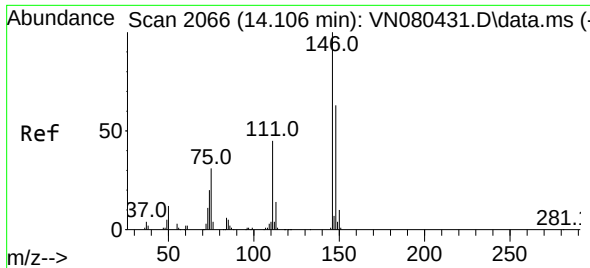
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#90
Hexachloroethane
Concen: 51.130 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

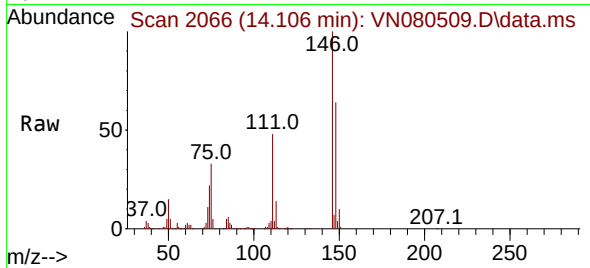
Tgt Ion:117 Resp: 97352
Ion Ratio Lower Upper
117 100
201 79.0 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 49.227 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

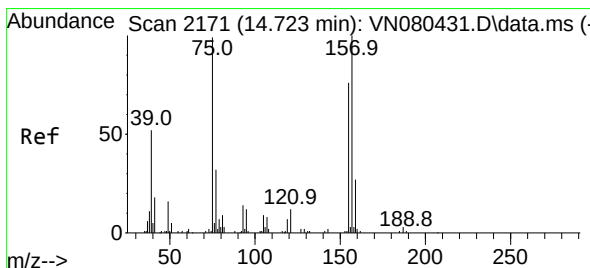
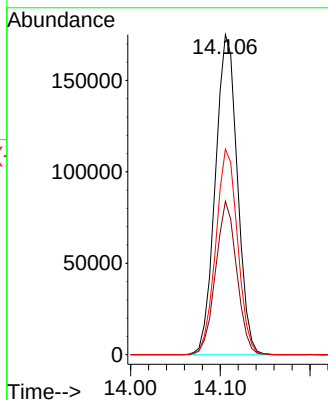
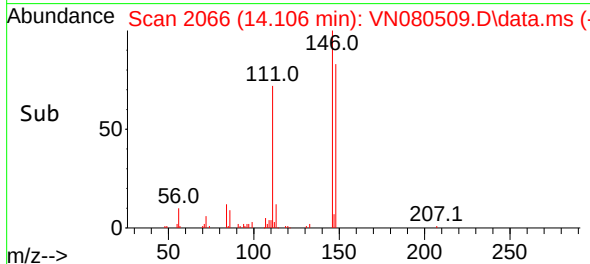
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 29815
Ion Ratio Lower Upper
146 100
111 46.1 22.0 66.0
148 63.8 31.8 95.3

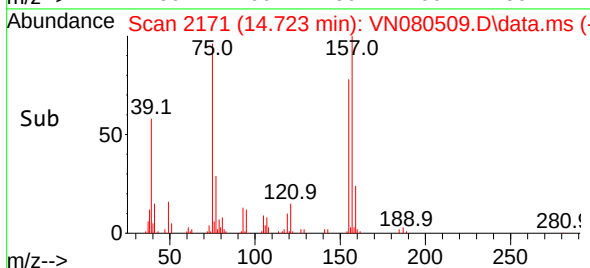
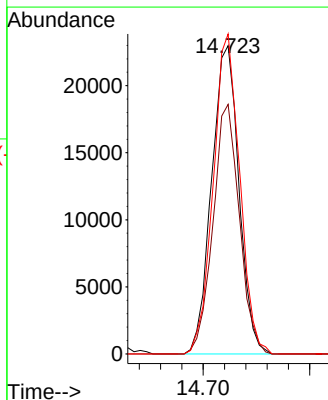
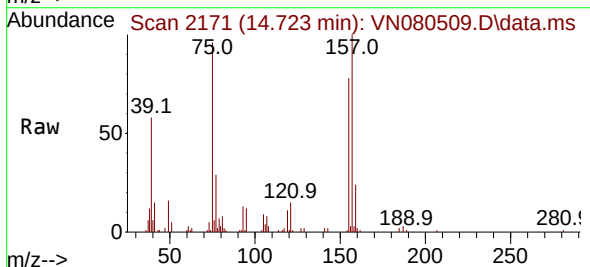
Manual Integrations
APPROVED

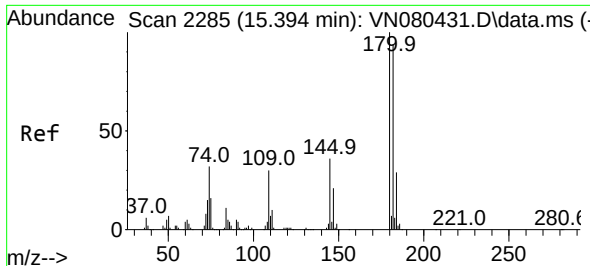
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.201 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

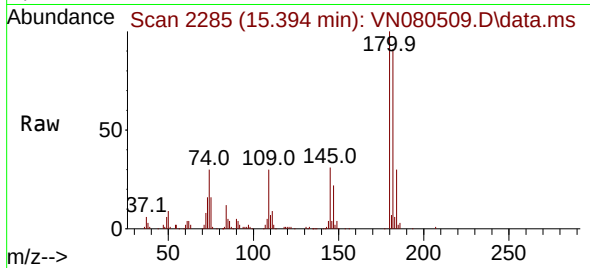
Tgt Ion: 75 Resp: 40810
Ion Ratio Lower Upper
75 100
155 78.4 39.1 117.2
157 100.7 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 51.232 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

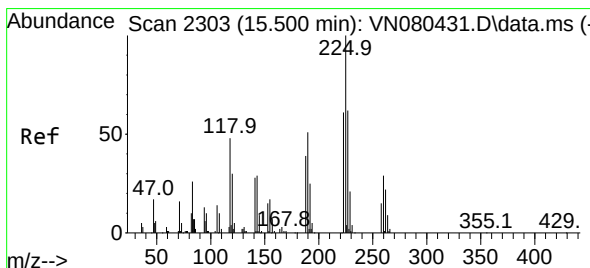
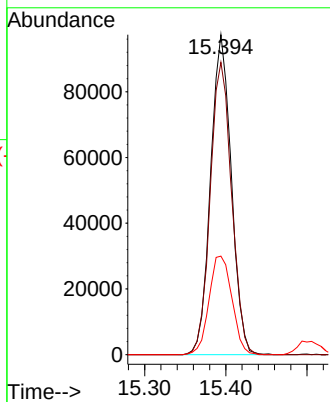
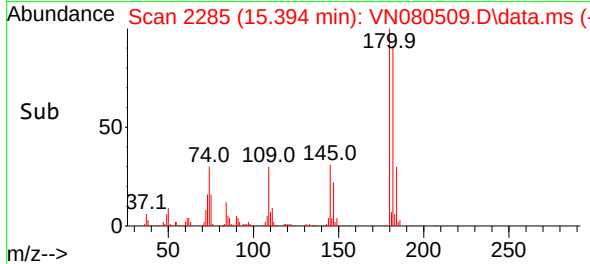
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 172279
Ion Ratio Lower Upper
180 100
182 94.4 46.1 138.2
145 34.1 16.6 49.8

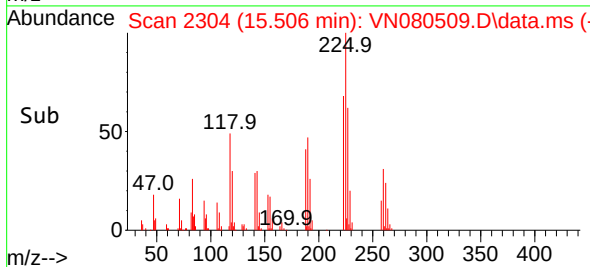
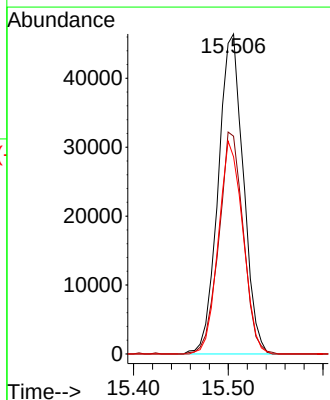
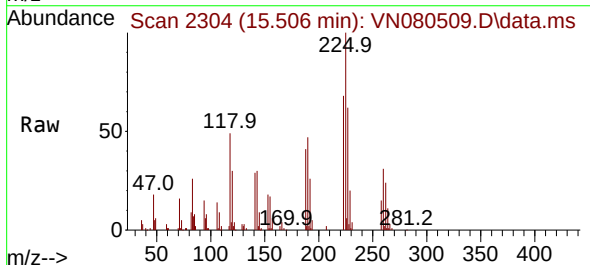
Manual Integrations
APPROVED

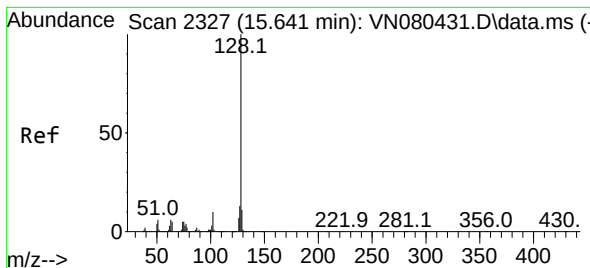
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#94
Hexachlorobutadiene
Concen: 44.653 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

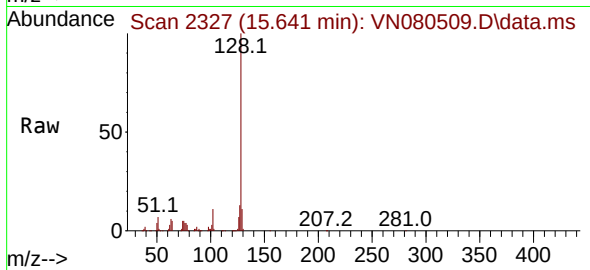
Tgt Ion:225 Resp: 85485
Ion Ratio Lower Upper
225 100
223 67.4 31.3 93.8
227 65.0 31.9 95.9





#95
Naphthalene
Concen: 51.538 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

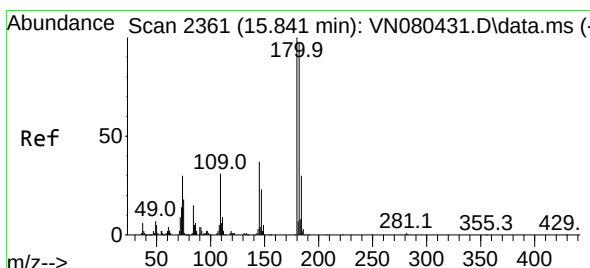
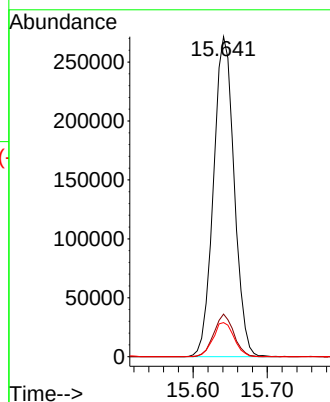
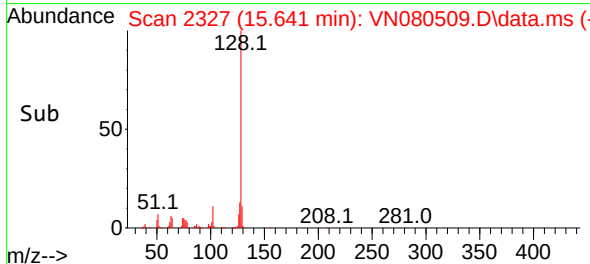
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 526279
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.603 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080509.D
Acq: 19 Dec 2023 10:25

Tgt Ion:180 Resp: 164209
Ion Ratio Lower Upper
180 100
182 94.7 46.2 138.6
145 36.1 17.5 52.6

