

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041624\
 Data File : VN081765.D
 Acq On : 16 Apr 2024 17:39
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 17 03:28:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2024
 Supervised By : Mahesh Dadoda 04/17/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	237354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	428957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	399934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	193887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	172668	51.698	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.400%			
35) Dibromofluoromethane	8.171	113	135718	47.913	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.820%			
50) Toluene-d8	10.571	98	523093	50.128	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.260%			
62) 4-Bromofluorobenzene	12.853	95	192778	54.060	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 108.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	131906	43.882	ug/l	98
3) Chloromethane	2.359	50	141569	56.012	ug/l	95
4) Vinyl Chloride	2.512	62	175982	47.836	ug/l	94
5) Bromomethane	2.948	94	111572	50.194	ug/l	94
6) Chloroethane	3.118	64	130636	59.958	ug/l	96
7) Trichlorofluoromethane	3.495	101	241068	50.743	ug/l	94
8) Diethyl Ether	3.959	74	79999	47.971	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	131490	44.190	ug/l	99
10) Methyl Iodide	4.595	142	115641	72.408	ug/l	94
11) Tert butyl alcohol	5.524	59	118207	259.452	ug/l	100
12) 1,1-Dichloroethene	4.342	96	126350	44.804	ug/l	98
13) Acrolein	4.177	56	122214	252.333	ug/l	100
14) Allyl chloride	5.024	41	169520	47.366	ug/l	99
15) Acrylonitrile	5.712	53	327077	260.135	ug/l	99
16) Acetone	4.430	43	230764	248.242	ug/l	99
17) Carbon Disulfide	4.712	76	357525	43.619	ug/l	97
18) Methyl Acetate	5.018	43	130249	50.095	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	445413	54.267	ug/l	99
20) Methylene Chloride	5.283	84	145407	53.011	ug/l	93
21) trans-1,2-Dichloroethene	5.789	96	138729	48.979	ug/l	90
22) Diisopropyl ether	6.671	45	428333	54.997	ug/l	96
23) Vinyl Acetate	6.606	43	1748308	287.580	ug/l	100
24) 1,1-Dichloroethane	6.565	63	262401	51.207	ug/l	98
25) 2-Butanone	7.483	43	413733	269.979	ug/l	96
26) 2,2-Dichloropropane	7.489	77	234072	52.401	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	174201	50.276	ug/l	97
28) Bromochloromethane	7.812	49	105374	48.165	ug/l	97
29) Tetrahydrofuran	7.841	42	280921	283.342	ug/l	98
30) Chloroform	7.965	83	292351	50.313	ug/l	97
31) Cyclohexane	8.259	56	221904	48.432	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	265199	51.469	ug/l	98
36) 1,1-Dichloropropene	8.371	75	199163	50.465	ug/l	98
37) Ethyl Acetate	7.559	43	175475	54.110	ug/l	98
38) Carbon Tetrachloride	8.365	117	231491	50.417	ug/l	96
39) Methylcyclohexane	9.606	83	235999	50.759	ug/l	98
40) Benzene	8.606	78	625624	50.890	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	94989	53.958	ug/l	99
42) 1,2-Dichloroethane	8.671	62	219115	51.130	ug/l	99
43) Isopropyl Acetate	8.688	43	324219	53.589	ug/l	97
44) Trichloroethene	9.353	130	163673	51.196	ug/l	96
45) 1,2-Dichloropropane	9.624	63	149259	52.661	ug/l	95
46) Dibromomethane	9.712	93	116882	49.408	ug/l	96
47) Bromodichloromethane	9.888	83	243773	53.944	ug/l	96
48) Methyl methacrylate	9.683	41	140150	56.835	ug/l	99
49) 1,4-Dioxane	9.694	88	65048	1051.769	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	955892	284.059	ug/l	99
52) Toluene	10.630	92	412696	52.850	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	245272	54.485	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	253003	52.759	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	156487	53.346	ug/l	98
56) Ethyl methacrylate	10.877	69	244576	60.596	ug/l	97
57) 1,3-Dichloropropane	11.165	76	261089	53.174	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	598251	280.131	ug/l	100
59) 2-Hexanone	11.200	43	711590	292.109	ug/l	98
60) Dibromochloromethane	11.359	129	192634	54.331	ug/l	98
61) 1,2-Dibromoethane	11.471	107	163288	53.364	ug/l	99
64) Tetrachloroethene	11.106	164	165786	48.859	ug/l	91
65) Chlorobenzene	11.894	112	456141	49.567	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	158123	50.368	ug/l	99
67) Ethyl Benzene	11.965	91	789057	54.472	ug/l	99
68) m/p-Xylenes	12.071	106	626177	111.164	ug/l	100
69) o-Xylene	12.400	106	304577	56.422	ug/l	100
70) Styrene	12.412	104	507485	57.383	ug/l	99
71) Bromoform	12.582	173	127883	52.792	ug/l #	98
73) Isopropylbenzene	12.700	105	786387	54.087	ug/l	98
74) N-amyl acetate	12.494	43	289153	54.645	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	205468	48.101	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	200705m	57.407	ug/l	
77) Bromobenzene	12.982	156	184818	49.860	ug/l	96
78) n-propylbenzene	13.035	91	900907	53.398	ug/l	100
79) 2-Chlorotoluene	13.129	91	540687	51.413	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	653506	55.024	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	89453	56.452	ug/l	95
82) 4-Chlorotoluene	13.223	91	538172	51.802	ug/l	99
83) tert-Butylbenzene	13.441	119	552812	53.142	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	654476	54.630	ug/l	99
85) sec-Butylbenzene	13.618	105	783012	53.941	ug/l	100
86) p-Isopropyltoluene	13.729	119	663086	55.731	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	335635	48.445	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	341478	48.336	ug/l	98
89) n-Butylbenzene	14.059	91	552643	53.125	ug/l	99
90) Hexachloroethane	14.335	117	121544	47.989	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	330840	49.338	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	44071	55.819	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	178241	50.460	ug/l	97
94) Hexachlorobutadiene	15.506	225	65632	43.103	ug/l	97
95) Naphthalene	15.641	128	624469	55.334	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	179736	49.767	ug/l	99

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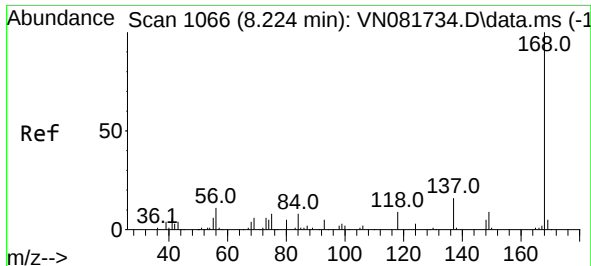
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/17/2024

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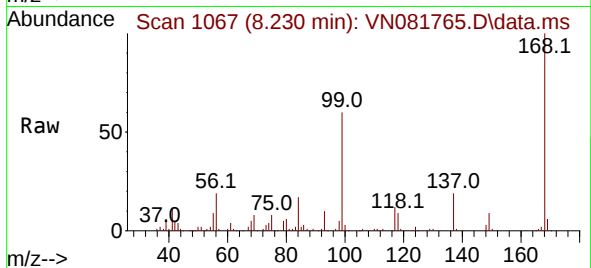
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081765.D
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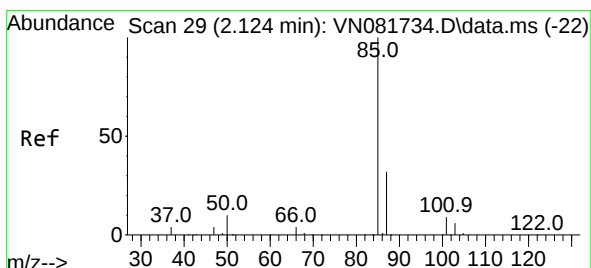
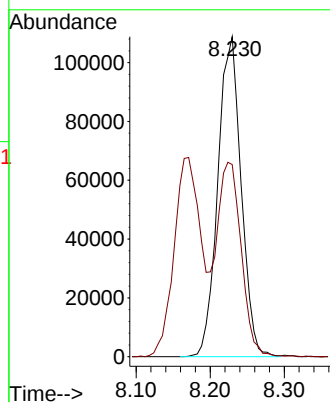
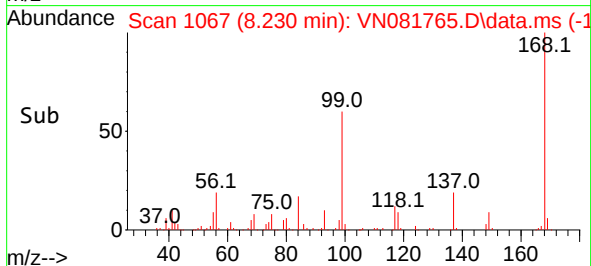
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 237354
Ion Ratio Lower Upper
168 100
99 59.7 48.2 72.4

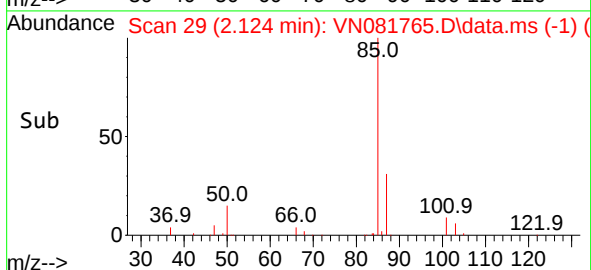
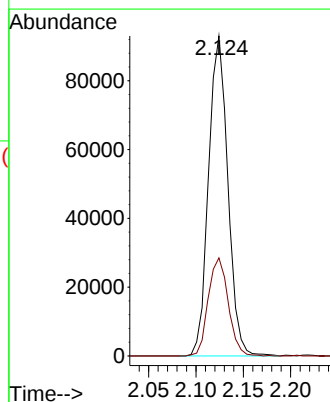
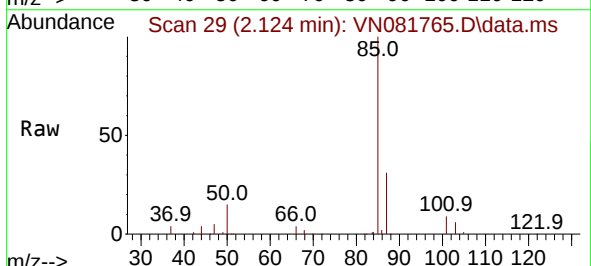
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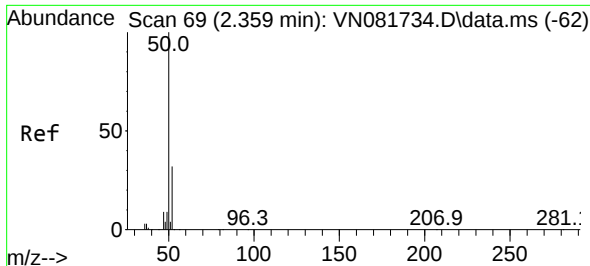
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#2
Dichlorodifluoromethane
Concen: 43.882 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

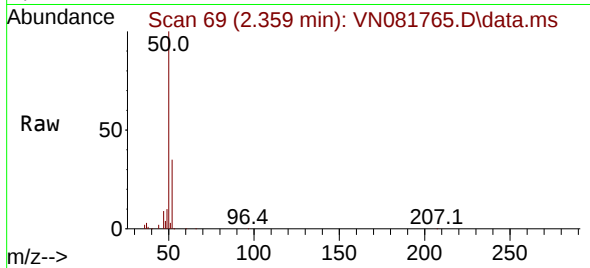
Tgt Ion: 85 Resp: 131906
Ion Ratio Lower Upper
85 100
87 30.6 15.8 47.4





#3
Chloromethane
Concen: 56.012 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

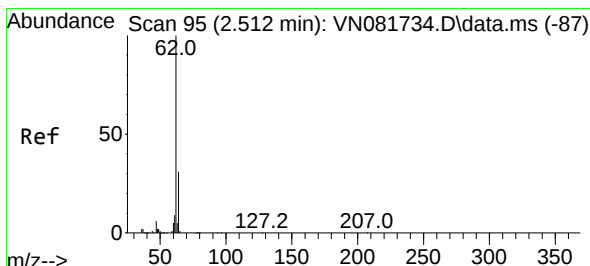
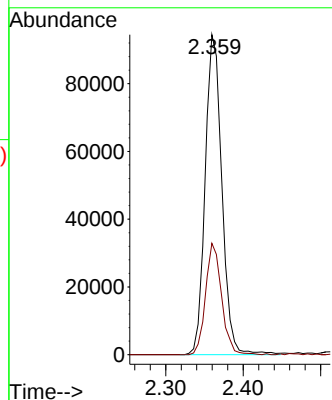
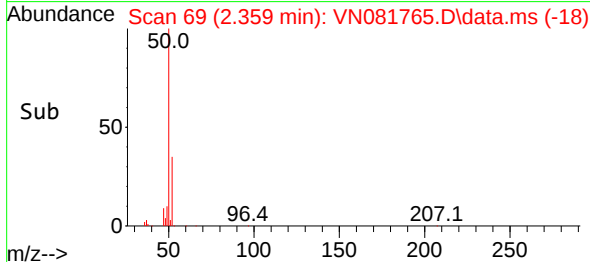
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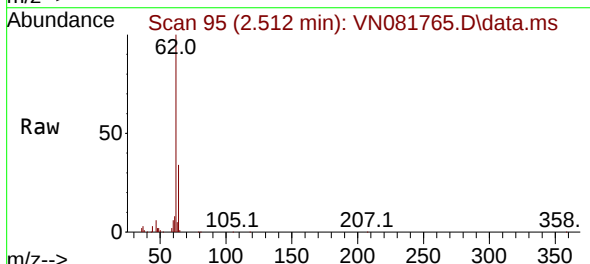
Tgt Ion: 50 Resp: 141569
Ion Ratio Lower Upper
50 100
52 34.8 25.5 38.3

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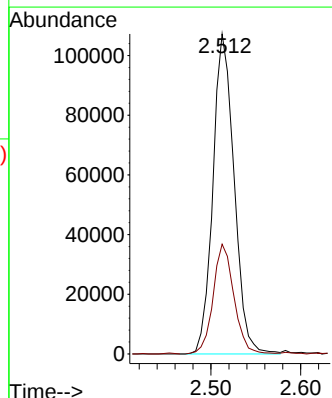
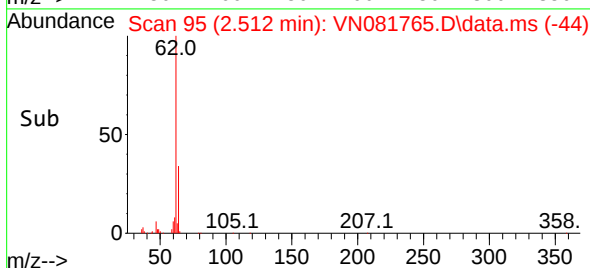
Reviewed By :John Carlone 04/17/2024
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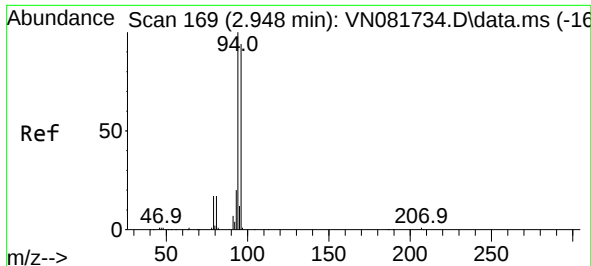


#4
Vinyl Chloride
Concen: 47.836 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39



Tgt Ion: 62 Resp: 175982
Ion Ratio Lower Upper
62 100
64 34.3 24.6 37.0





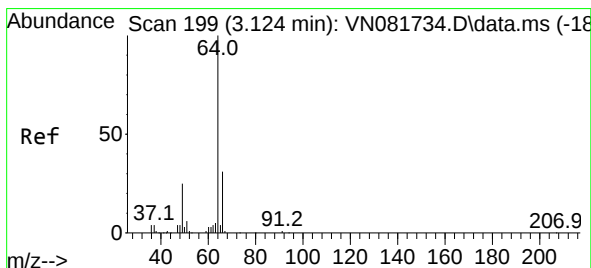
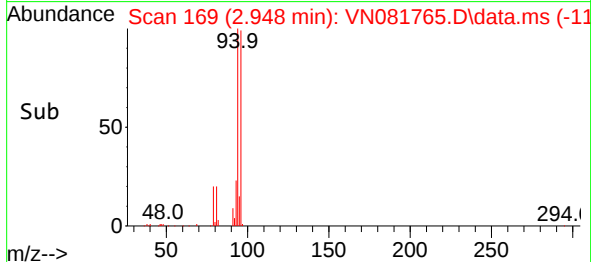
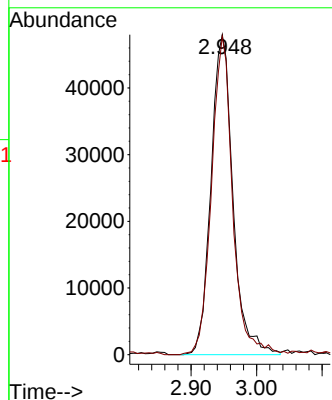
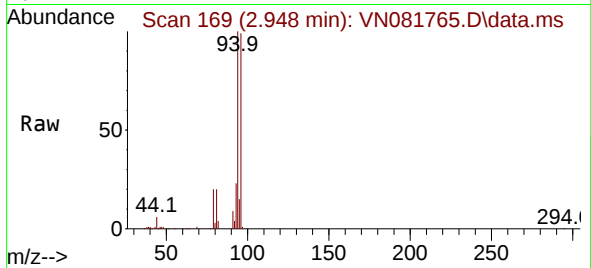
#5
Bromomethane
Concen: 50.194 ug/l
RT: 2.948 min Scan# 111572
Delta R.T. -0.000 min
Lab File: VN081765.D
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Instrument :
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Tgt Ion: 94 Resp: 111572
Ion Ratio Lower Upper
94 100
96 99.4 74.8 112.2

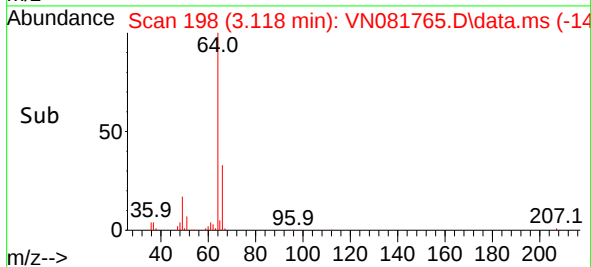
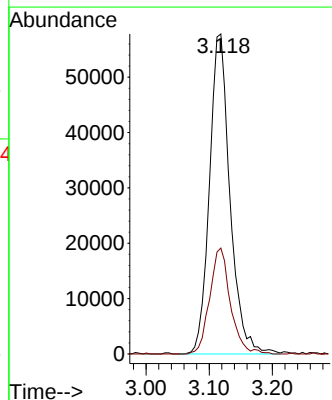
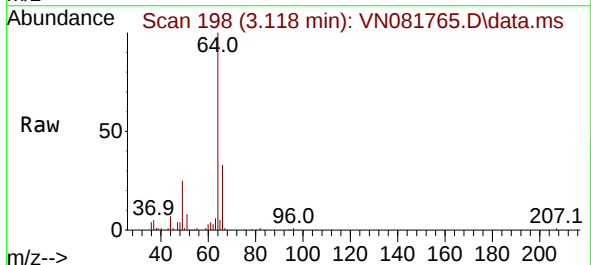
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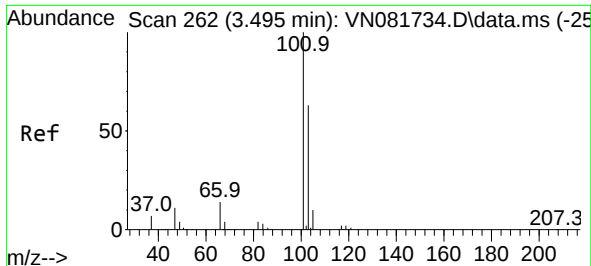
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#6
Chloroethane
Concen: 59.958 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN081765.D
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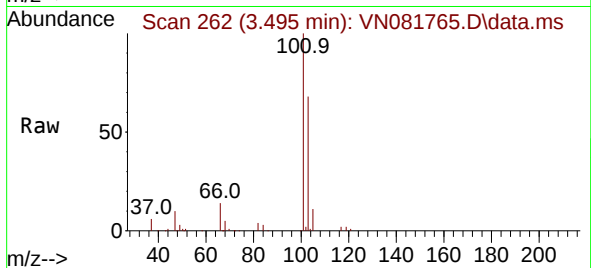
Tgt Ion: 64 Resp: 130636
Ion Ratio Lower Upper
64 100
66 33.1 24.7 37.1





#7
 Trichlorofluoromethane
 Concen: 50.743 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN081765.D
 Acq: 16 Apr 2024 17:39

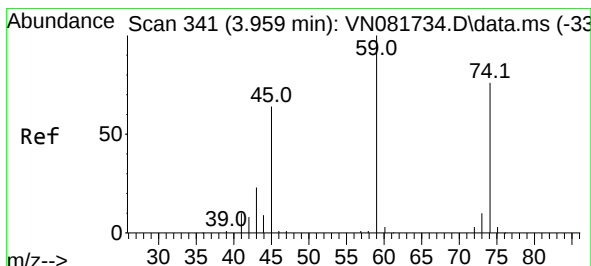
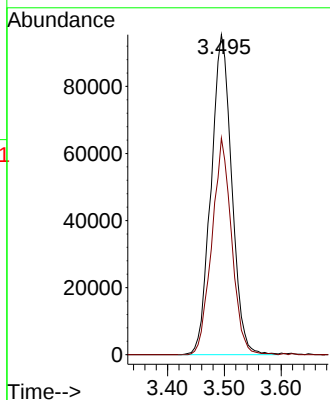
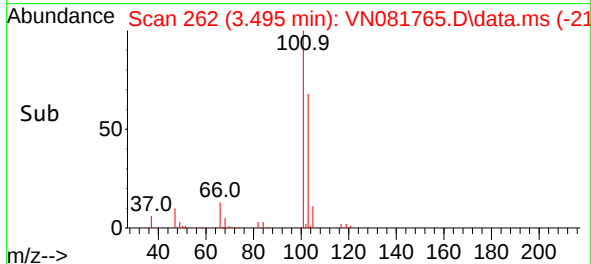
Instrument :
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Tgt Ion: 101 Resp: 241068
 Ion Ratio Lower Upper
 101 100
 103 67.7 50.6 75.8

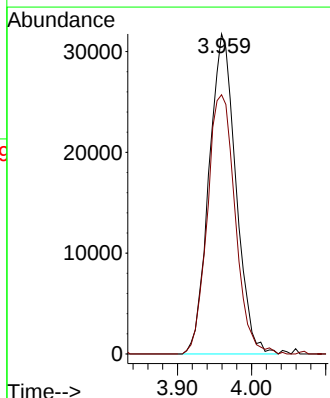
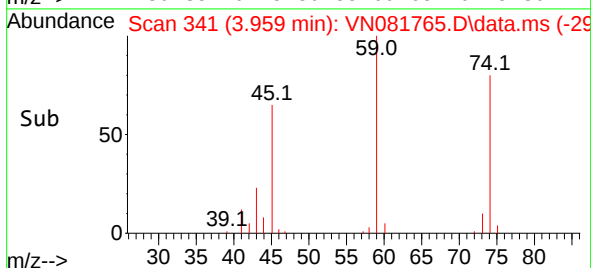
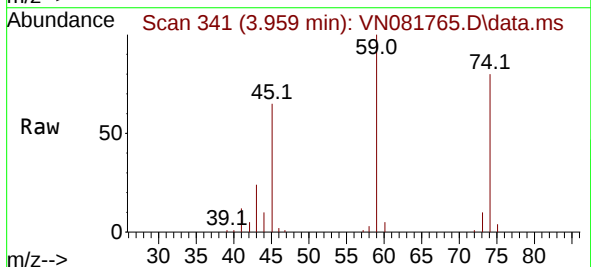
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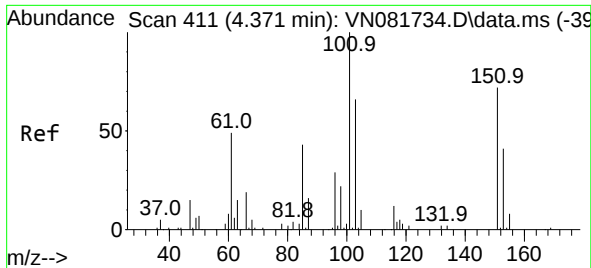
Reviewed By : John Carlone 04/17/2024
 Supervised By : Mahesh Dadoda 04/17/2024



#8
 Diethyl Ether
 Concen: 47.971 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN081765.D
 Acq: 16 Apr 2024 17:39

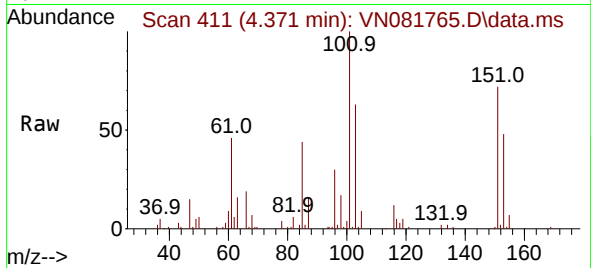
Tgt Ion: 74 Resp: 79999
 Ion Ratio Lower Upper
 74 100
 45 83.8 42.4 127.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.190 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

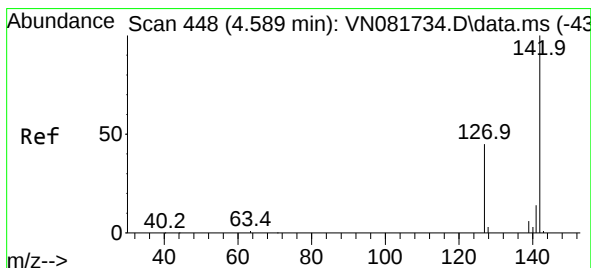
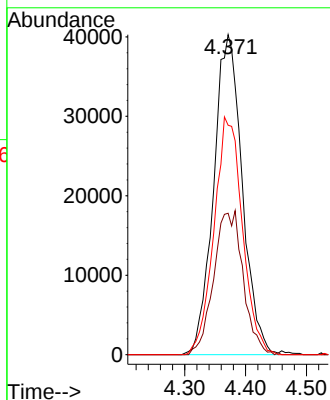
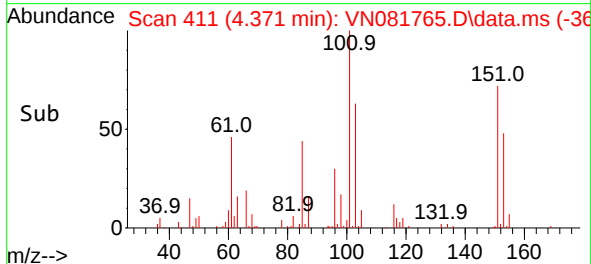
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



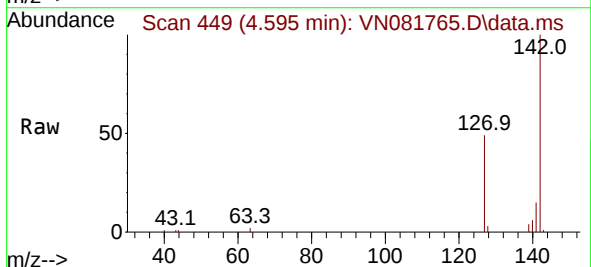
Tgt Ion:101 Resp: 131490
Ion Ratio Lower Upper
101 100
85 46.1 37.3 55.9
151 73.6 59.2 88.8

Manual Integrations
APPROVED

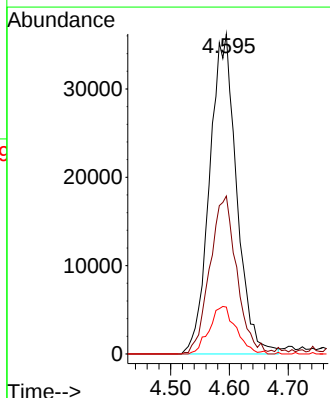
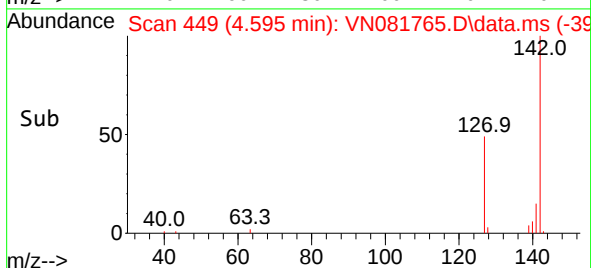
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

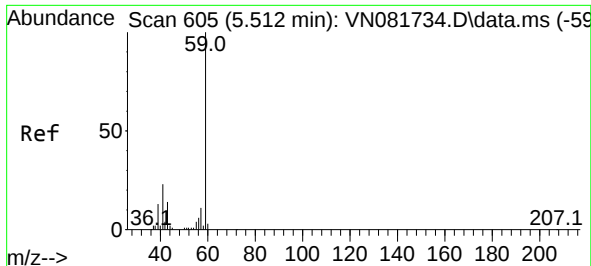


#10
Methyl Iodide
Concen: 72.408 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39



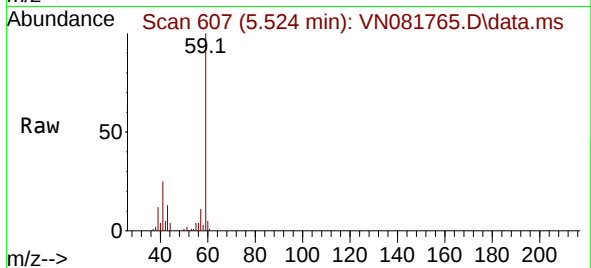
Tgt Ion:142 Resp: 115641
Ion Ratio Lower Upper
142 100
127 49.3 35.8 53.6
141 14.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 259.452 ug/l
RT: 5.524 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

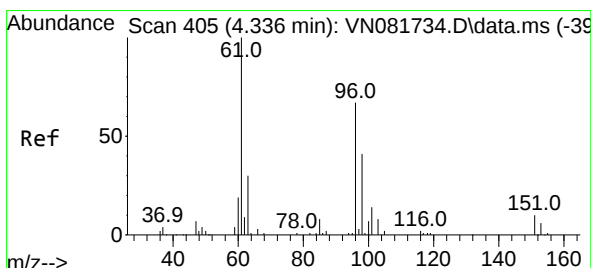
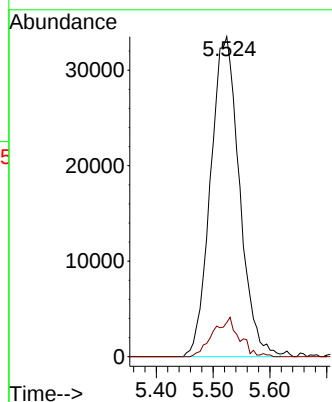
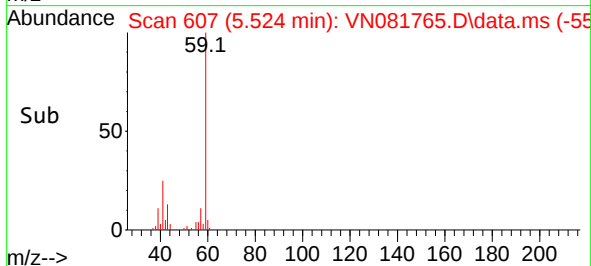
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



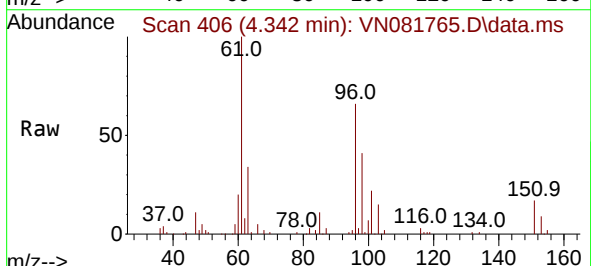
Tgt Ion: 59 Resp: 11820
Ion Ratio Lower Upper
59 100
57 11.1 8.9 13.3

Manual Integrations
APPROVED

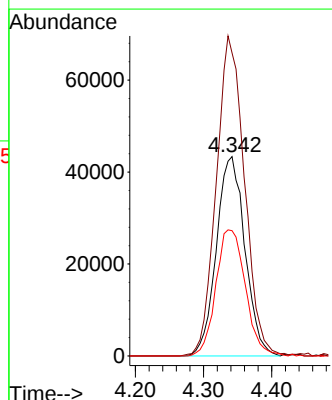
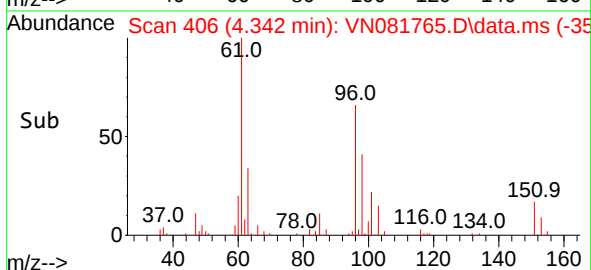
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

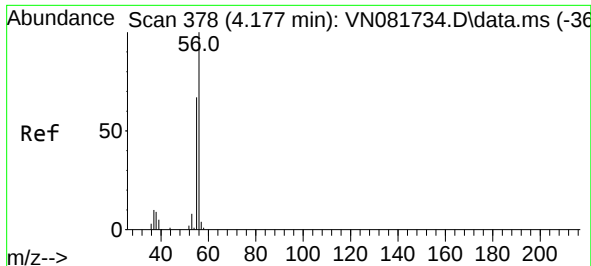


#12
1,1-Dichloroethene
Concen: 44.804 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39



Tgt Ion: 96 Resp: 126350
Ion Ratio Lower Upper
96 100
61 152.0 119.7 179.5
98 62.9 49.6 74.4





#13

Acrolein

Concen: 252.333 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN081765.D

Acq: 16 Apr 2024 17:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 122214

Ion Ratio Lower Upper

56 100

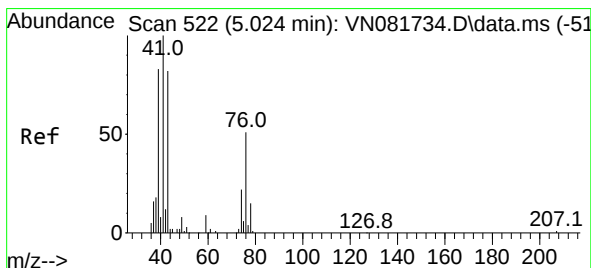
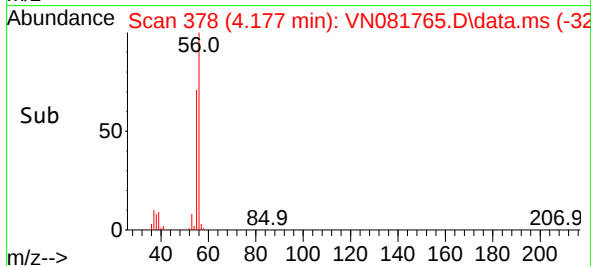
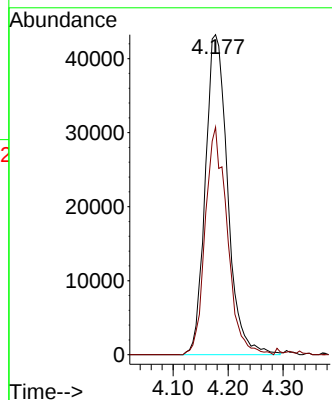
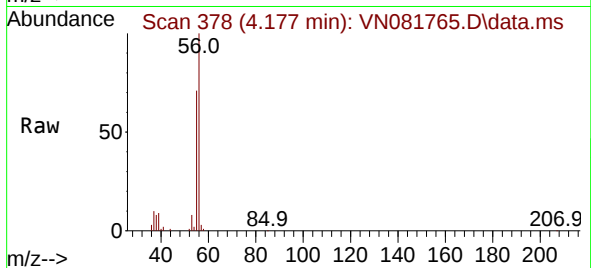
55 69.8 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#14

Allyl chloride

Concen: 47.366 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN081765.D

Acq: 16 Apr 2024 17:39

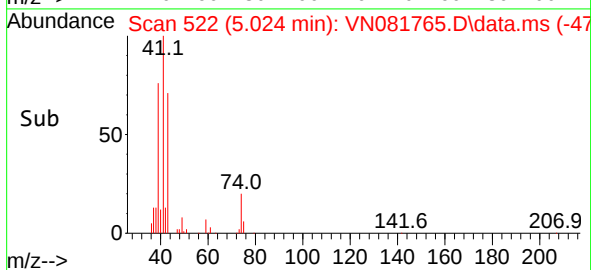
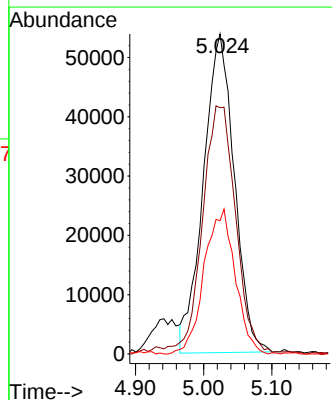
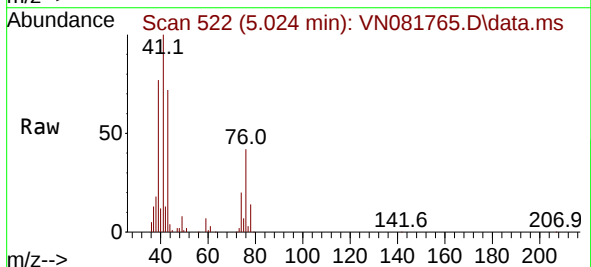
Tgt Ion: 41 Resp: 169520

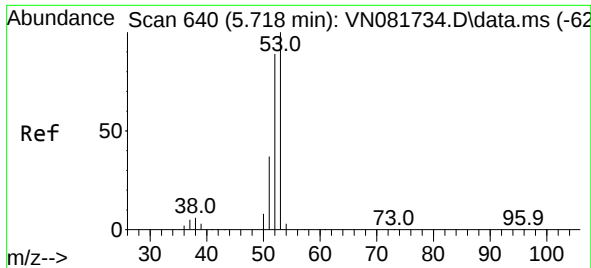
Ion Ratio Lower Upper

41 100

39 82.5 65.4 98.0

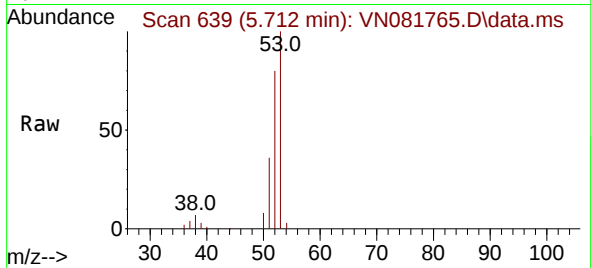
76 45.7 37.3 55.9





#15
Acrylonitrile
Concen: 260.135 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

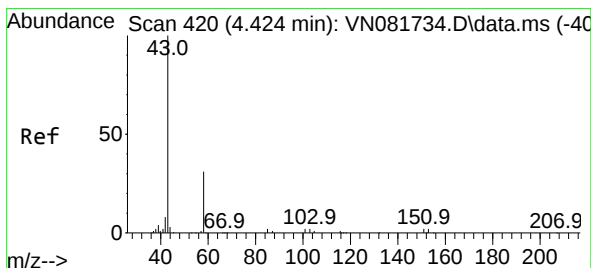
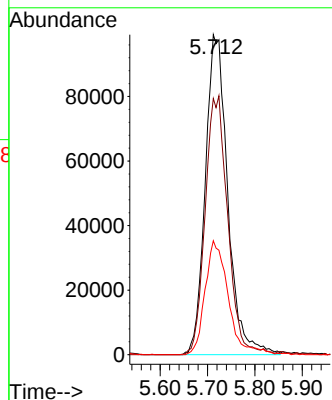
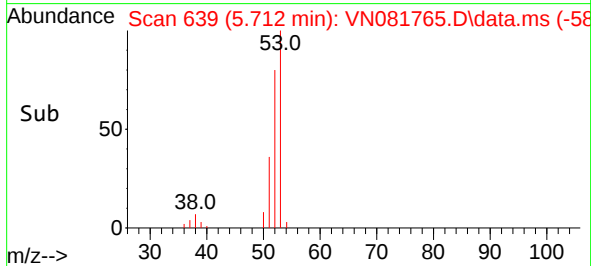
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 32707
Ion Ratio Lower Upper
53 100
52 81.3 66.1 99.1
51 36.7 29.4 44.2

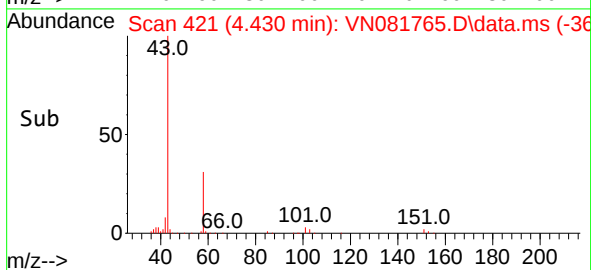
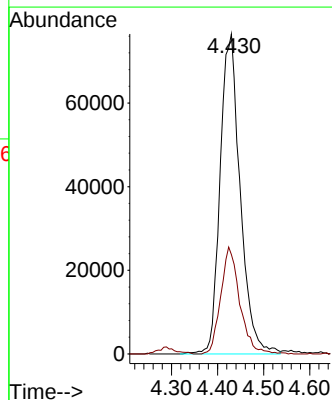
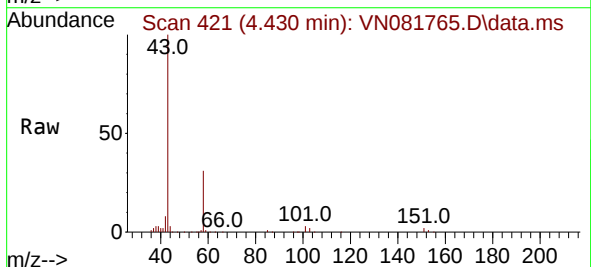
Manual Integrations
APPROVED

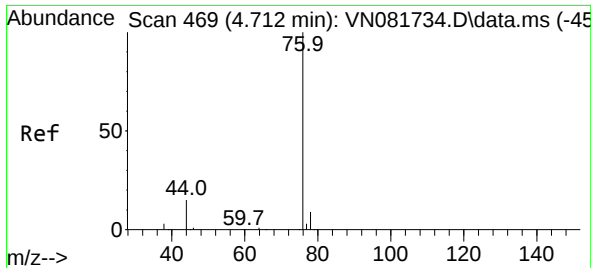
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#16
Acetone
Concen: 248.242 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

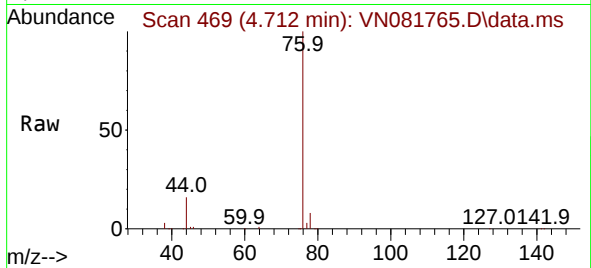
Tgt Ion: 43 Resp: 230764
Ion Ratio Lower Upper
43 100
58 30.7 25.2 37.8





#17
Carbon Disulfide
Concen: 43.619 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

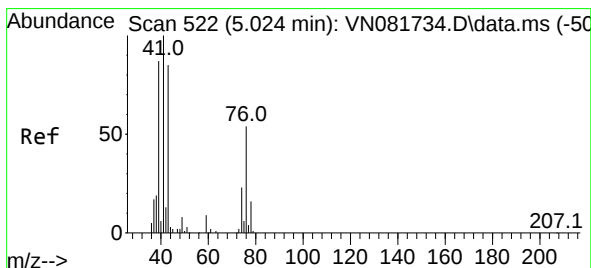
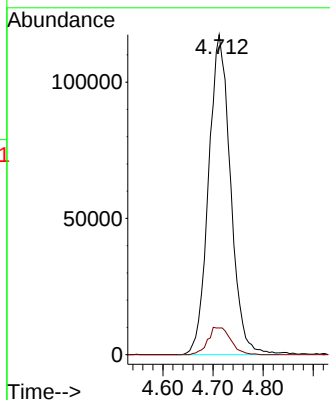
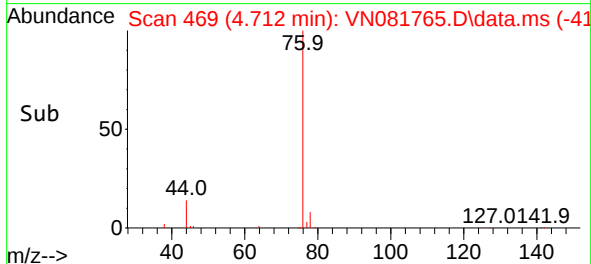
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



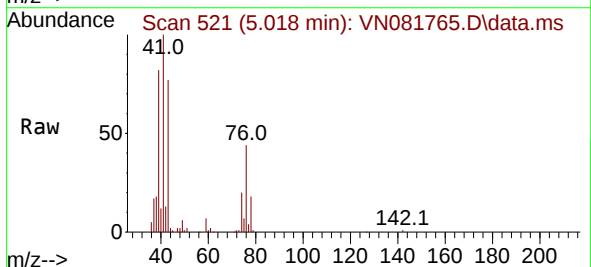
Tgt Ion: 76 Resp: 35752
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3

Manual Integrations
APPROVED

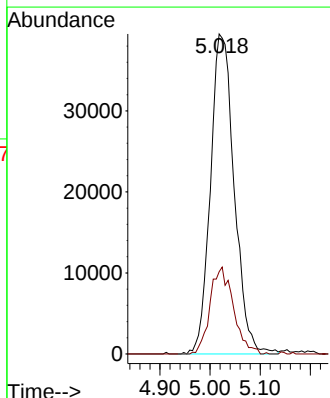
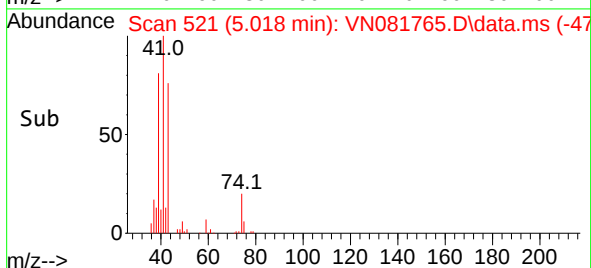
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

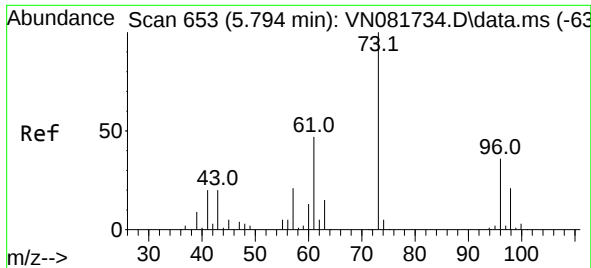


#18
Methyl Acetate
Concen: 50.095 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39



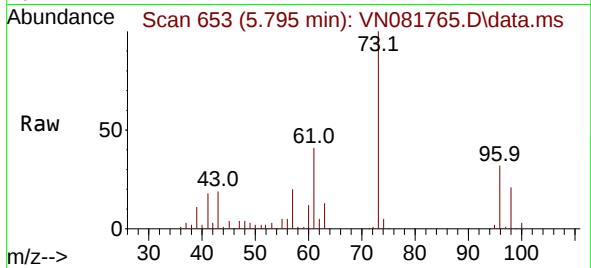
Tgt Ion: 43 Resp: 130249
Ion Ratio Lower Upper
43 100
74 26.6 22.2 33.2





#19
Methyl tert-butyl Ether
Concen: 54.267 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

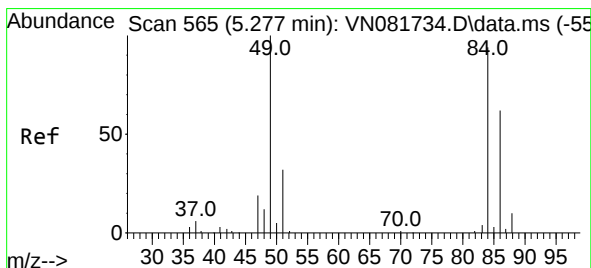
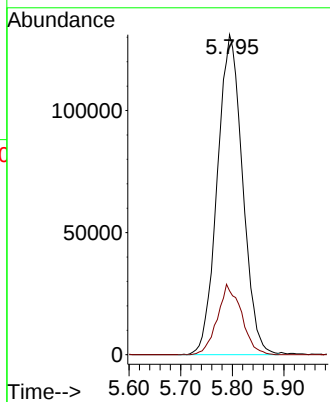
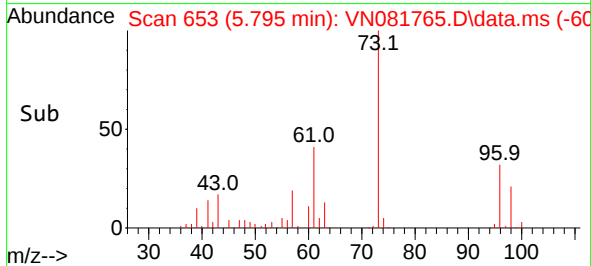
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



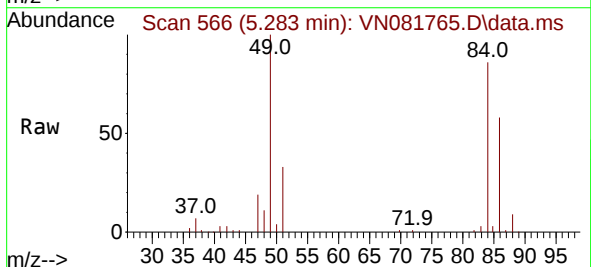
Tgt Ion: 73 Resp: 44541
Ion Ratio Lower Upper
73 100
57 20.0 16.5 24.7

Manual Integrations
APPROVED

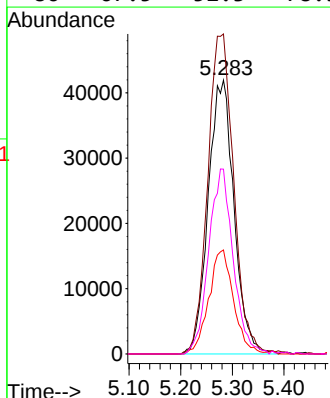
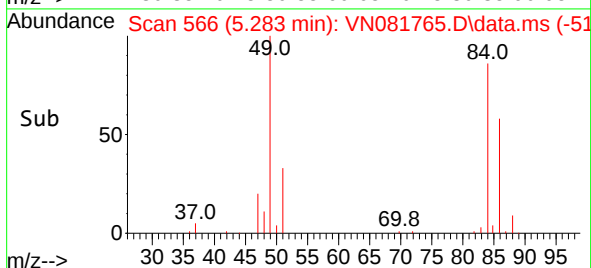
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

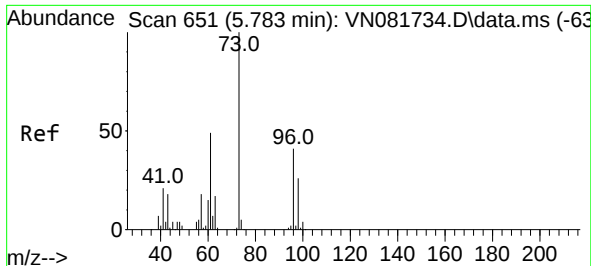


#20
Methylene Chloride
Concen: 53.011 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39



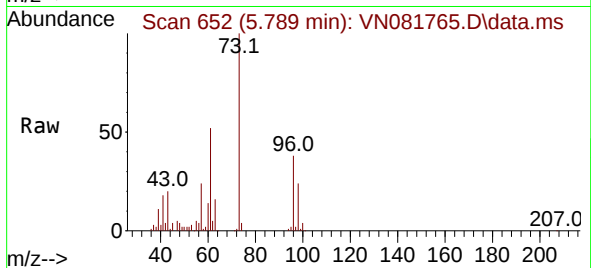
Tgt Ion: 84 Resp: 145407
Ion Ratio Lower Upper
84 100
49 116.9 84.9 127.3
51 38.0 27.0 40.6
86 67.5 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 48.979 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

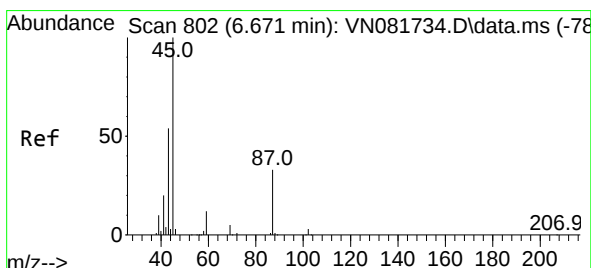
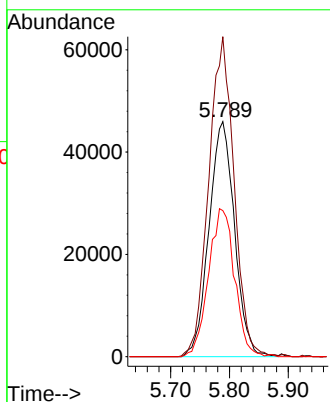
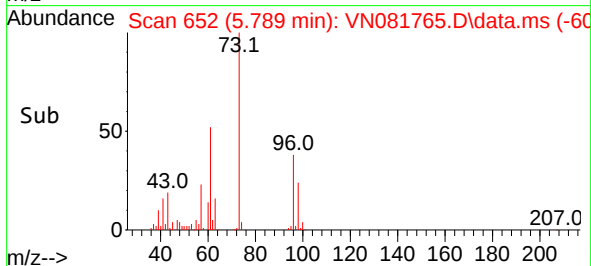
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 138729
Ion Ratio Lower Upper
96 100
61 136.2 96.5 144.7
98 62.2 51.3 76.9

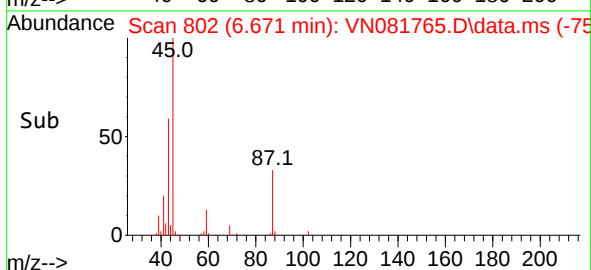
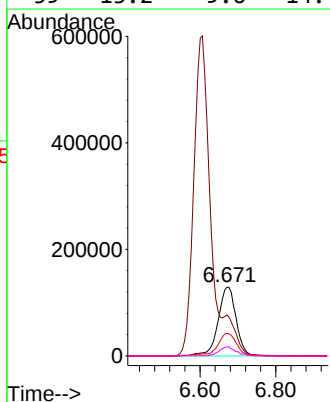
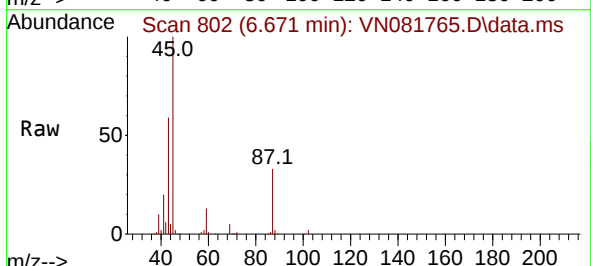
Manual Integrations
APPROVED

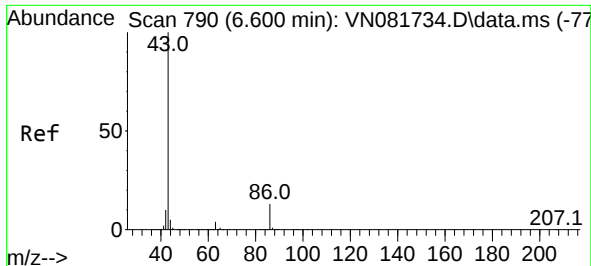
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#22
Diisopropyl ether
Concen: 54.997 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

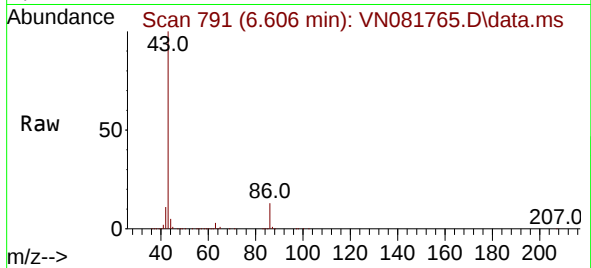
Tgt Ion: 45 Resp: 428333
Ion Ratio Lower Upper
45 100
43 59.2 44.1 66.1
87 32.8 27.0 40.6
59 13.2 9.6 14.4





#23
 Vinyl Acetate
 Concen: 287.580 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081765.D
 Acq: 16 Apr 2024 17:39

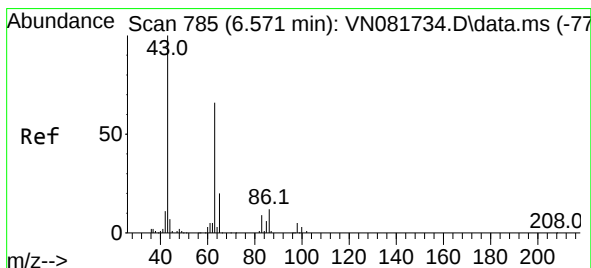
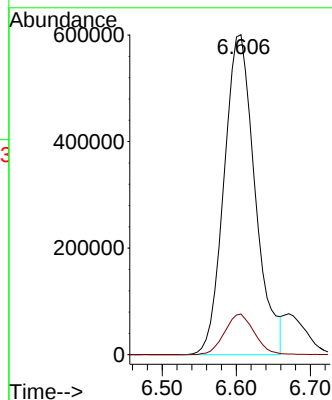
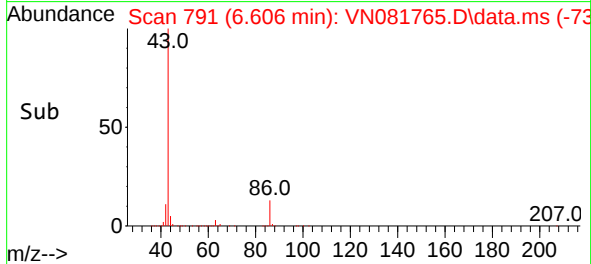
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 1748308
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.2 15.4

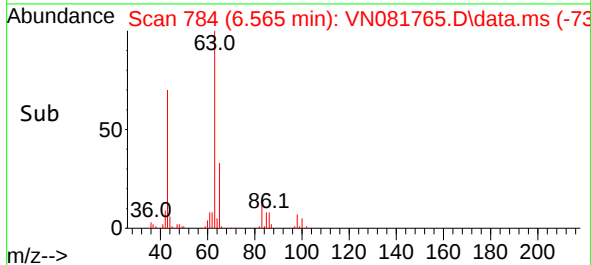
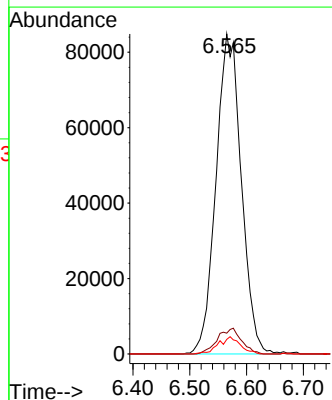
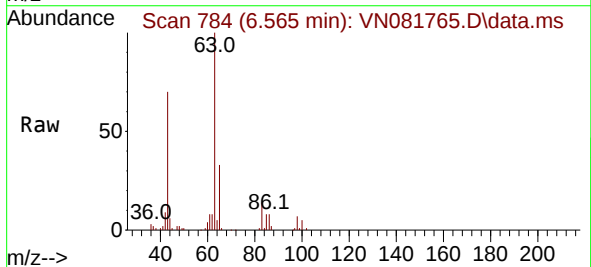
Manual Integrations
 APPROVED

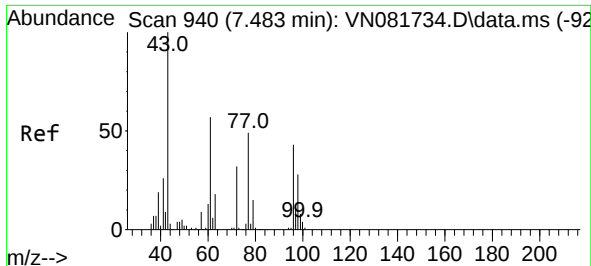
Reviewed By :John Carlone 04/17/2024
 Supervised By :Mahesh Dadoda 04/17/2024



#24
 1,1-Dichloroethane
 Concen: 51.207 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081765.D
 Acq: 16 Apr 2024 17:39

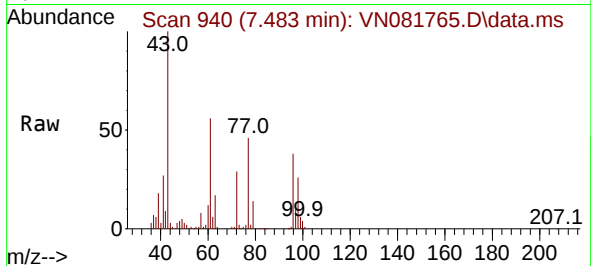
Tgt Ion: 63 Resp: 262401
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.9
 100 4.5 2.6 7.8





#25
2-Butanone
Concen: 269.979 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

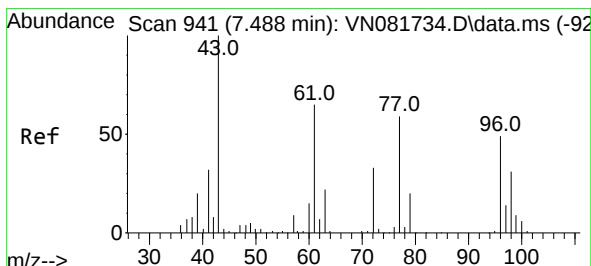
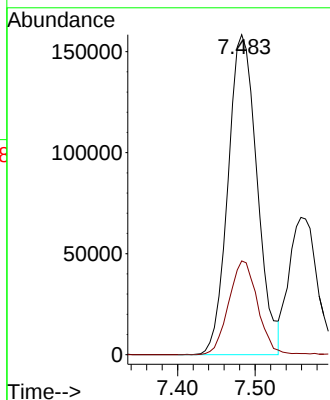
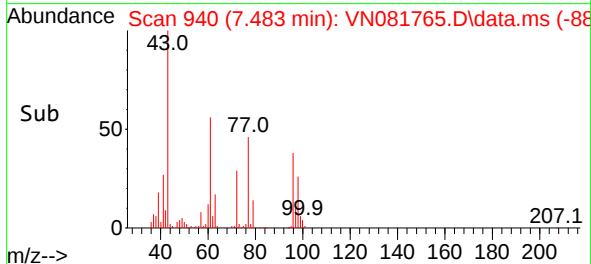
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



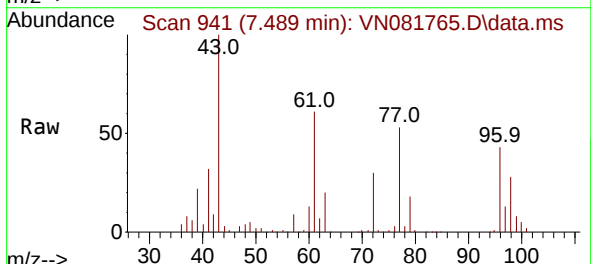
Tgt Ion: 43 Resp: 413733
Ion Ratio Lower Upper
43 100
72 29.3 25.3 37.9

Manual Integrations
APPROVED

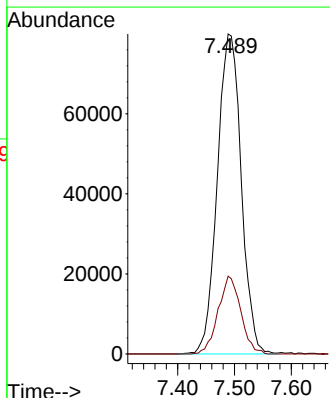
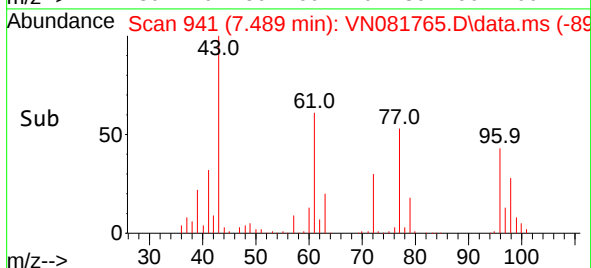
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

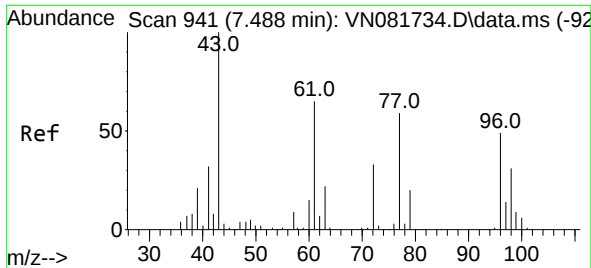


#26
2,2-Dichloropropane
Concen: 52.401 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39



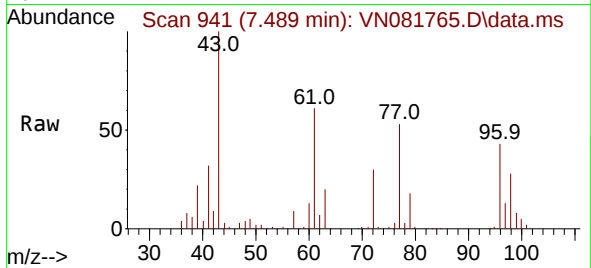
Tgt Ion: 77 Resp: 234072
Ion Ratio Lower Upper
77 100
97 22.9 11.3 33.9





#27
 cis-1,2-Dichloroethene
 Concen: 50.276 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.001 min
 Lab File: VN081765.D
 Acq: 16 Apr 2024 17:39

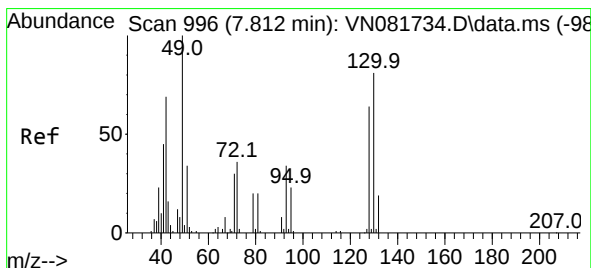
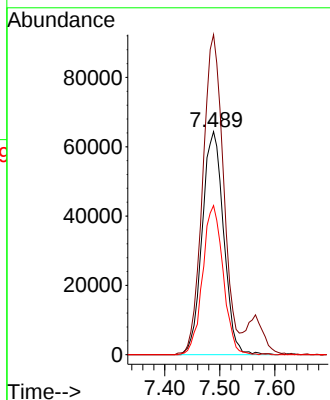
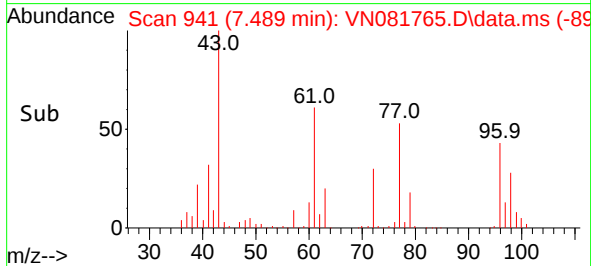
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



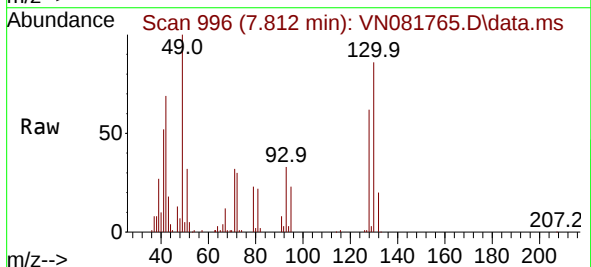
Tgt Ion: 96 Resp: 17420
 Ion Ratio Lower Upper
 96 100
 61 139.3 0.0 268.0
 98 64.1 0.0 126.8

Manual Integrations
 APPROVED

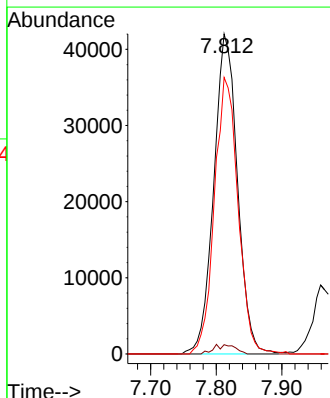
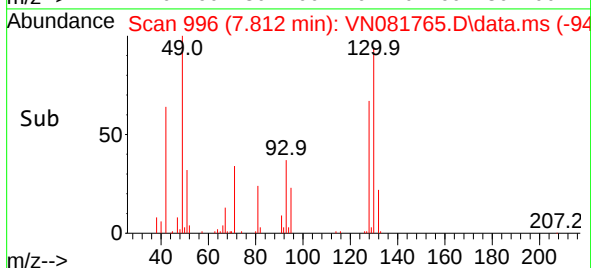
Reviewed By :John Carlone 04/17/2024
 Supervised By :Mahesh Dadoda 04/17/2024

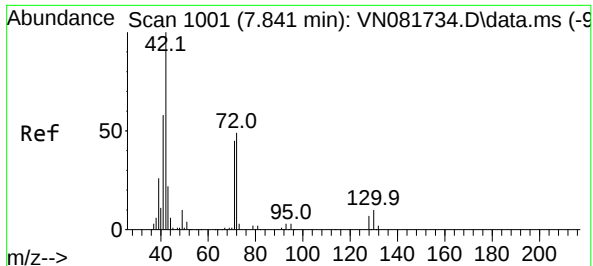


#28
 Bromochloromethane
 Concen: 48.165 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081765.D
 Acq: 16 Apr 2024 17:39



Tgt Ion: 49 Resp: 105374
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.6
 130 86.2 66.7 100.1





#29

Tetrahydrofuran

Concen: 283.342 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN081765.D

Acq: 16 Apr 2024 17:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

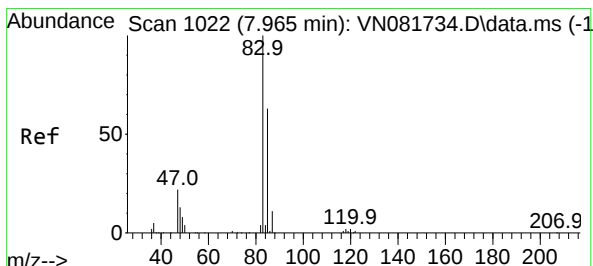
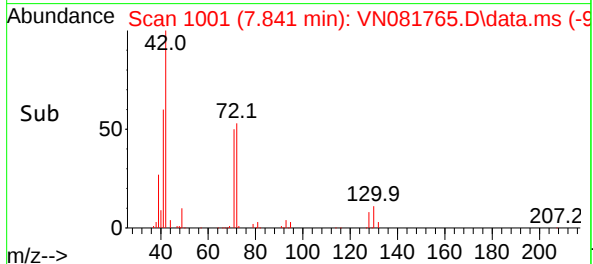
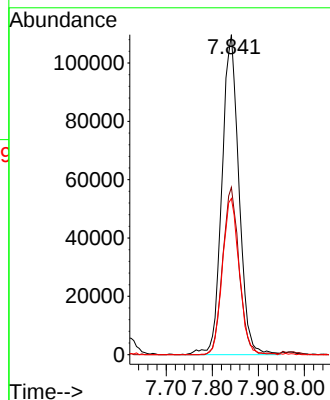
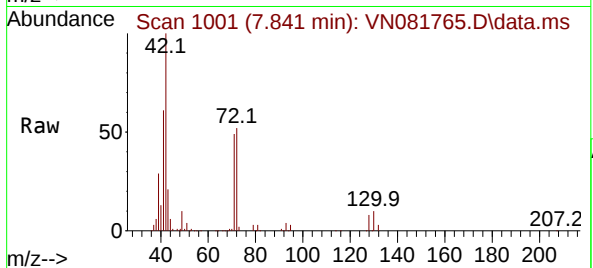
Tgt Ion:	42	Resp:	28092
Ion Ratio	Lower	Upper	
42	100		
72	50.3	39.3	58.9
71	48.4	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#30

Chloroform

Concen: 50.313 ug/l

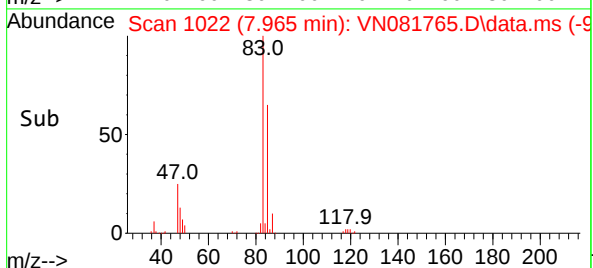
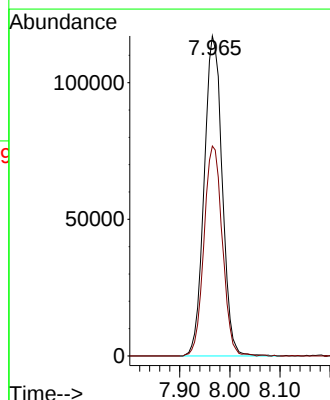
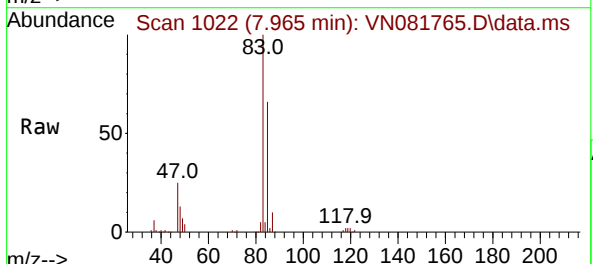
RT: 7.965 min Scan# 1022

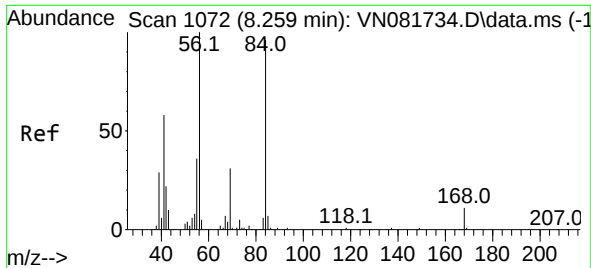
Delta R.T. -0.000 min

Lab File: VN081765.D

Acq: 16 Apr 2024 17:39

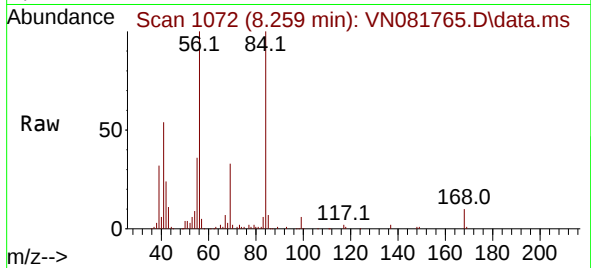
Tgt Ion:	83	Resp:	292351
Ion Ratio	Lower	Upper	
83	100		
85	65.6	50.7	76.1





#31
Cyclohexane
Concen: 48.432 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

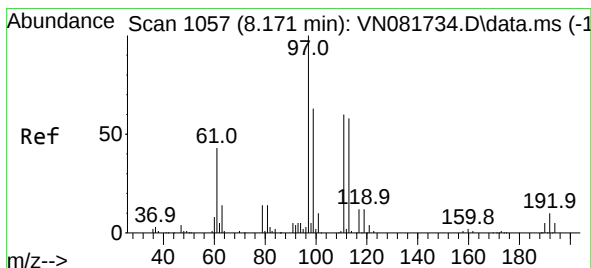
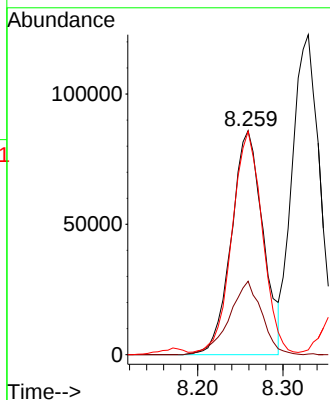
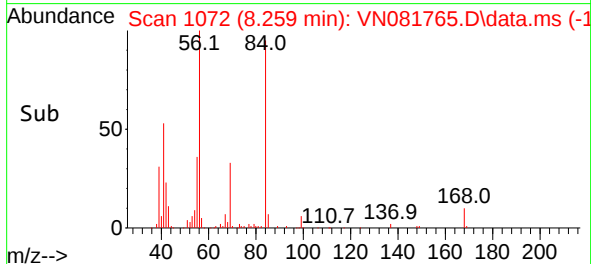
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



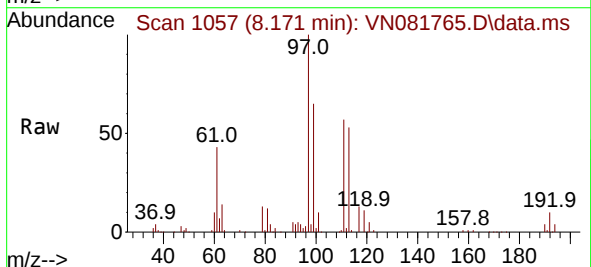
Tgt Ion: 56 Resp: 221904
Ion Ratio Lower Upper
56 100
69 32.8 24.4 36.6
84 97.1 77.0 115.4

Manual Integrations
APPROVED

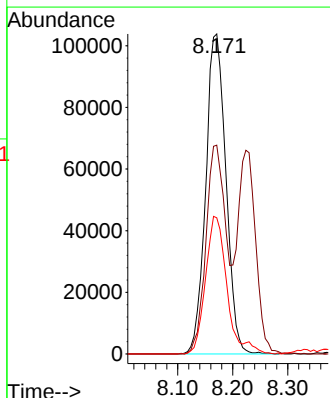
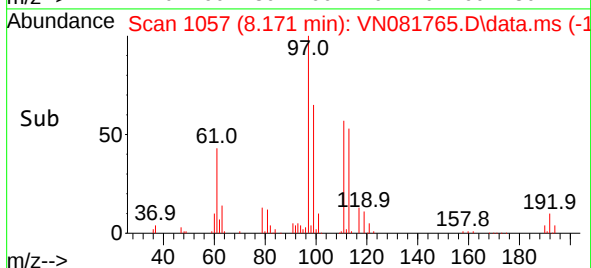
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

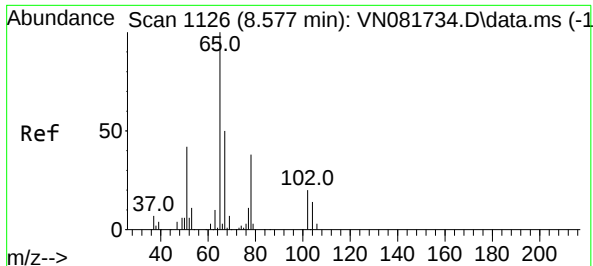


#32
1,1,1-Trichloroethane
Concen: 51.469 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39



Tgt Ion: 97 Resp: 265199
Ion Ratio Lower Upper
97 100
99 62.5 50.3 75.5
61 43.6 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 51.698 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081765.D

Acq: 16 Apr 2024 17:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 17266

Ion Ratio Lower Upper

65 100

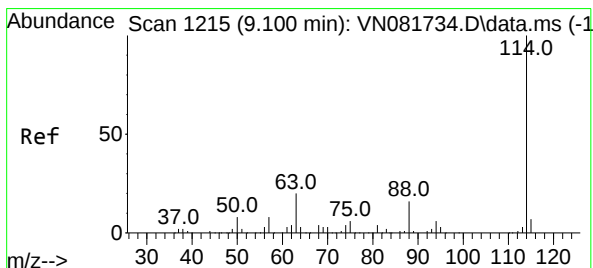
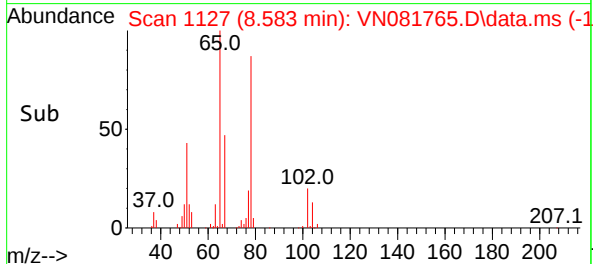
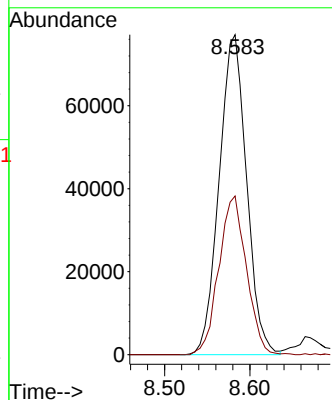
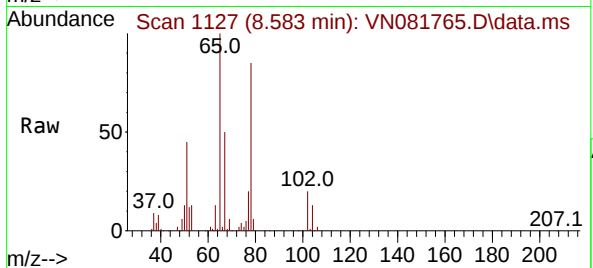
67 49.9 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081765.D

Acq: 16 Apr 2024 17:39

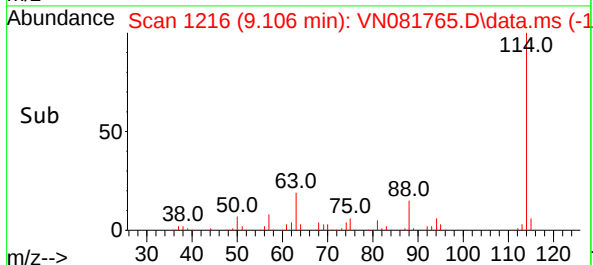
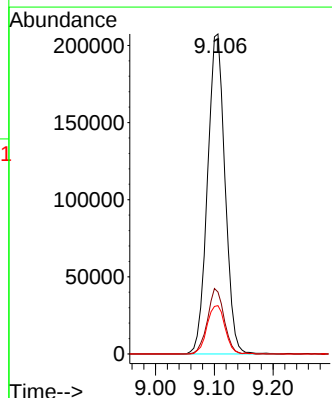
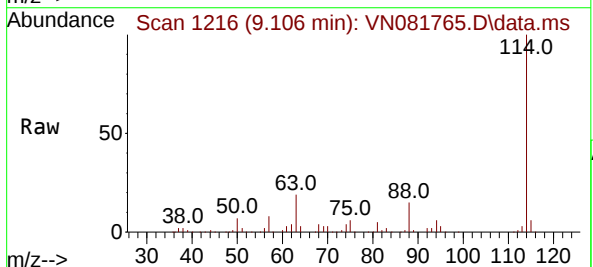
Tgt Ion:114 Resp: 428957

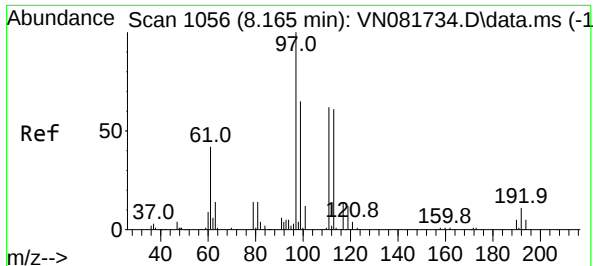
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.0

88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.913 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081765.D

Acq: 16 Apr 2024 17:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

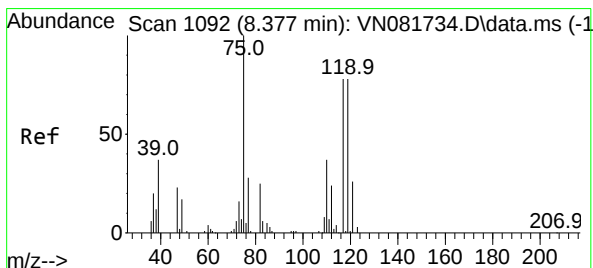
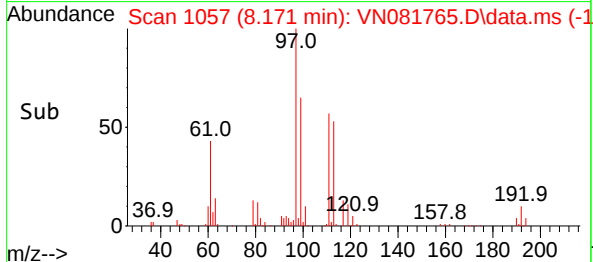
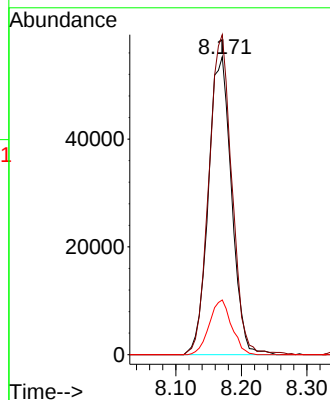
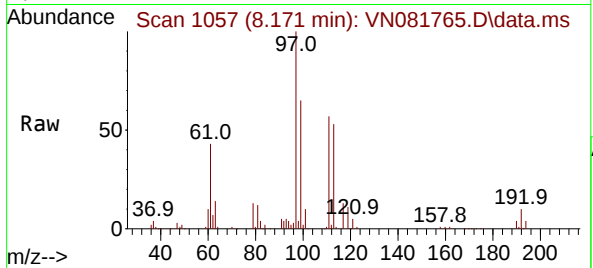
Tgt Ion:	113	Resp:	135718
Ion Ratio	Lower	Upper	
113	100		
111	106.3	83.4	125.2
192	17.7	14.0	21.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#36

1,1-Dichloropropene

Concen: 50.465 ug/l

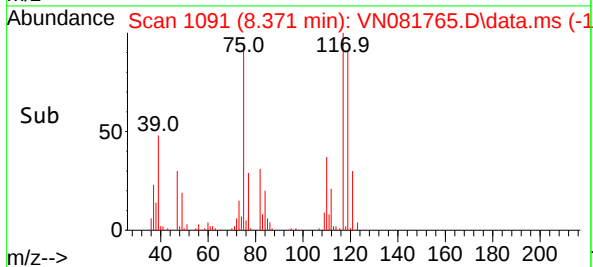
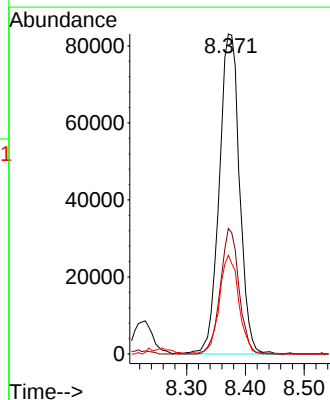
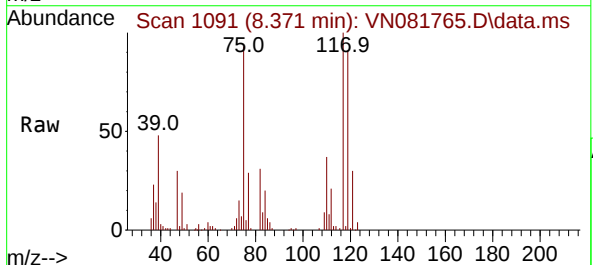
RT: 8.371 min Scan# 1091

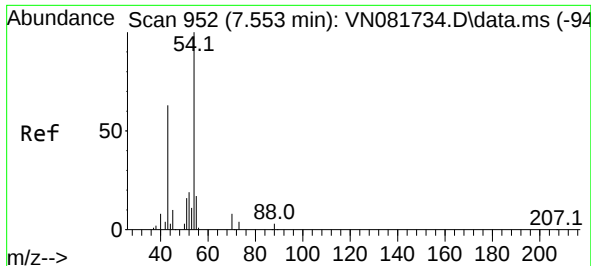
Delta R.T. -0.006 min

Lab File: VN081765.D

Acq: 16 Apr 2024 17:39

Tgt Ion:	75	Resp:	199163
Ion Ratio	Lower	Upper	
75	100		
110	36.1	17.8	53.5
77	29.6	25.0	37.4





#37

Ethyl Acetate

Concen: 54.110 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN081765.D

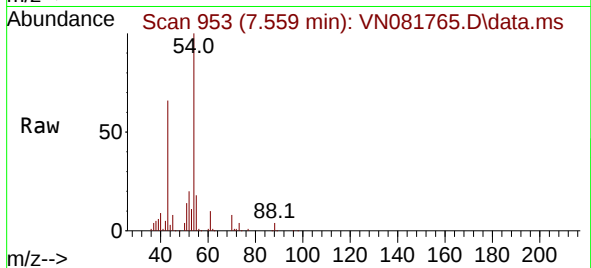
Acq: 16 Apr 2024 17:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



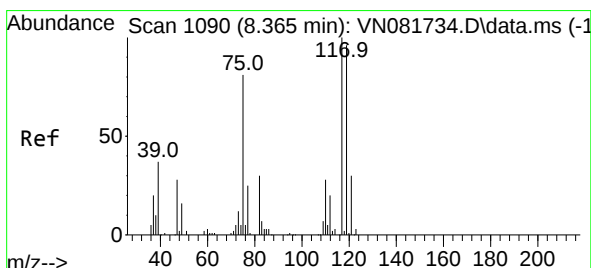
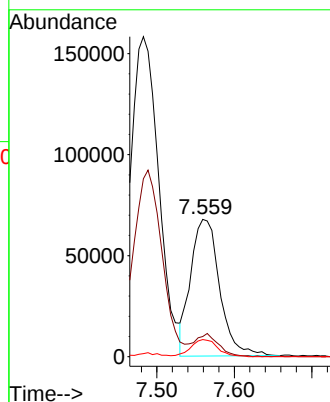
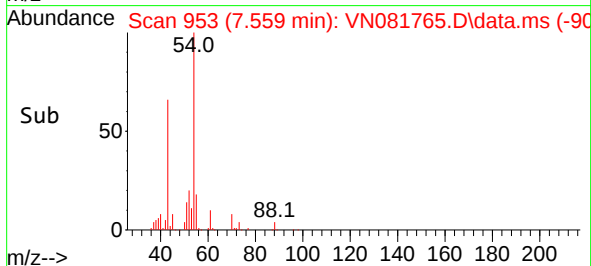
Tgt Ion:	43	Resp:	17547
Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.3	16.9
70	11.6	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#38

Carbon Tetrachloride

Concen: 50.417 ug/l

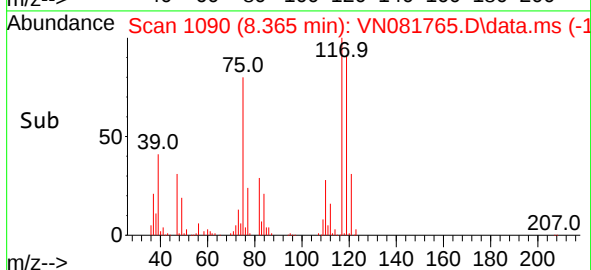
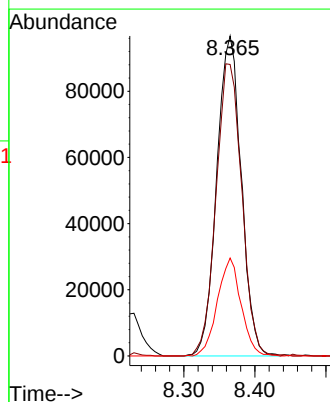
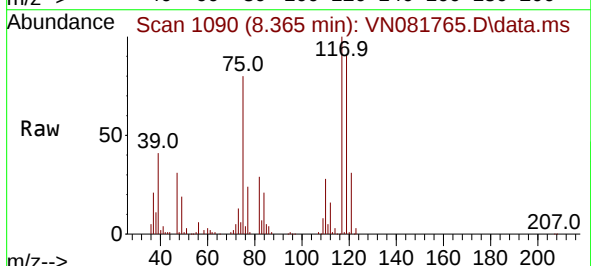
RT: 8.365 min Scan# 1090

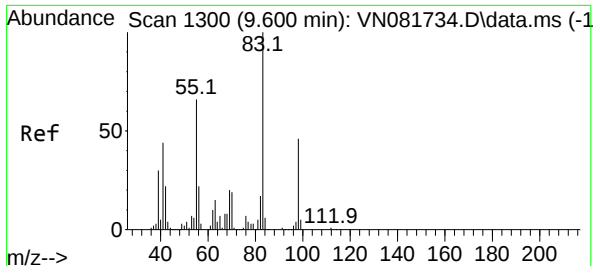
Delta R.T. -0.000 min

Lab File: VN081765.D

Acq: 16 Apr 2024 17:39

Tgt Ion:	117	Resp:	231491
Ion	Ratio	Lower	Upper
117	100		
119	91.1	76.5	114.7
121	30.6	23.9	35.9





#39

Methylcyclohexane

Concen: 50.759 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN081765.D

Acq: 16 Apr 2024 17:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

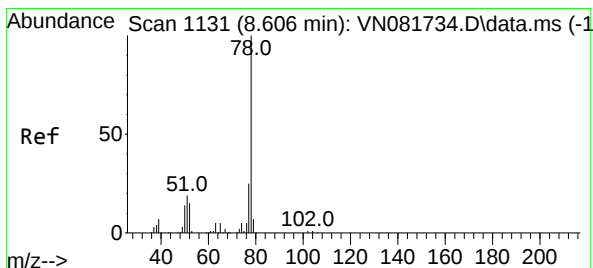
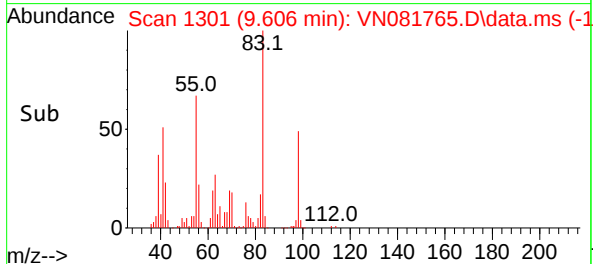
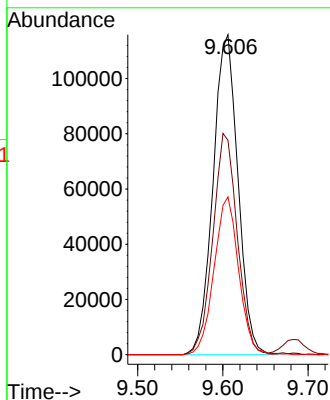
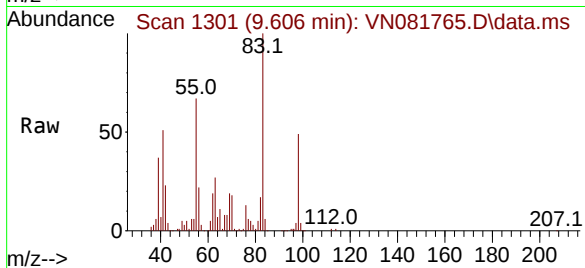
Tgt Ion:	83	Resp:	23599
Ion Ratio	Lower	Upper	
83	100		
55	67.0	53.0	79.6
98	49.3	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#40

Benzene

Concen: 50.890 ug/l

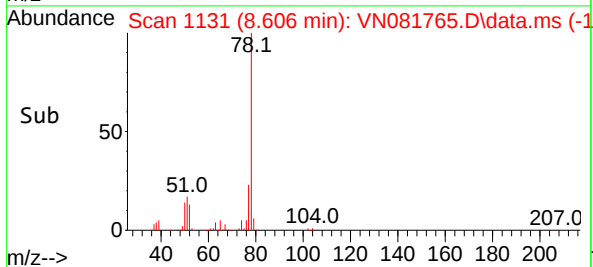
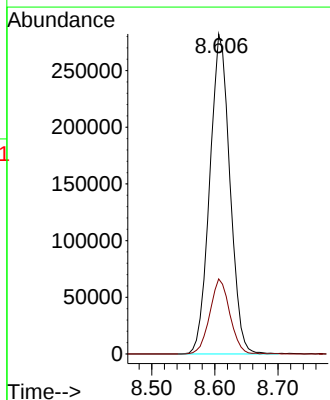
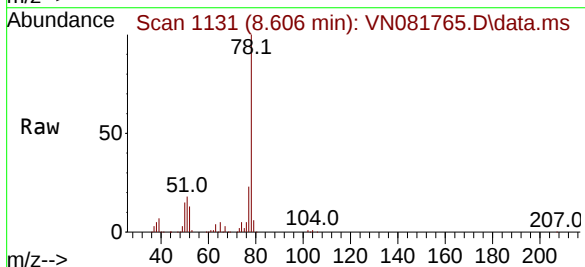
RT: 8.606 min Scan# 1131

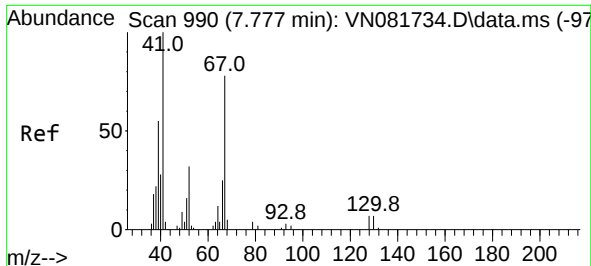
Delta R.T. 0.000 min

Lab File: VN081765.D

Acq: 16 Apr 2024 17:39

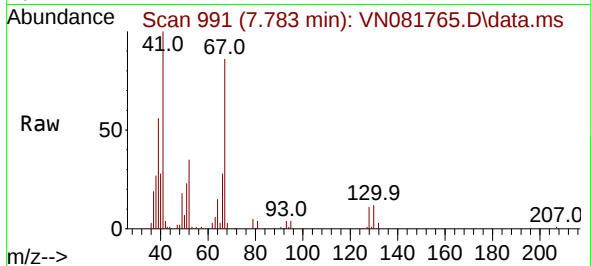
Tgt Ion:	78	Resp:	625624
Ion Ratio	Lower	Upper	
78	100		
77	23.4	20.0	30.0





#41
Methacrylonitrile
Concen: 53.958 ug/l
RT: 7.783 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

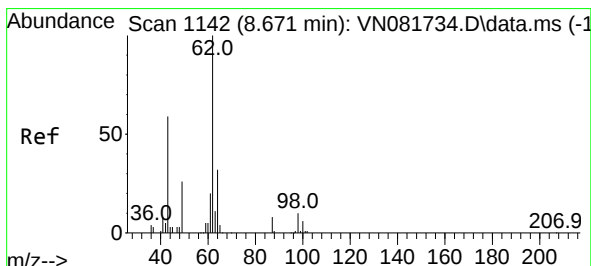
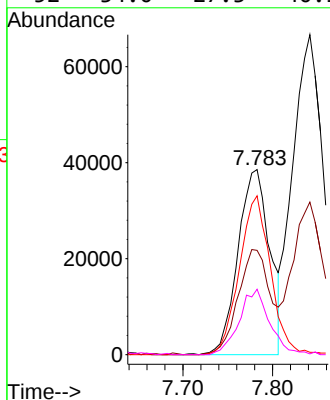
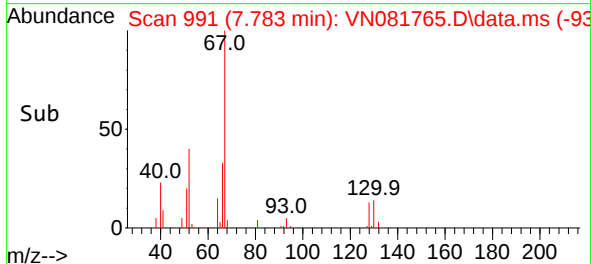
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	39	67	52
Ratio	100	57.2	84.3	34.0
Lower		46.6	67.3	27.3
Upper		69.8	100.9	40.9

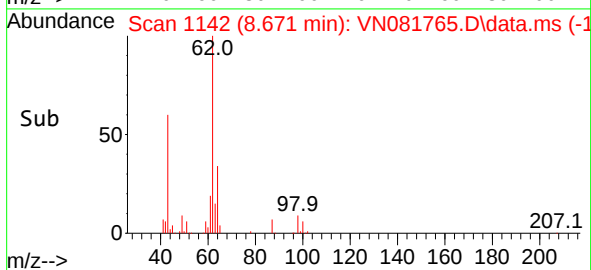
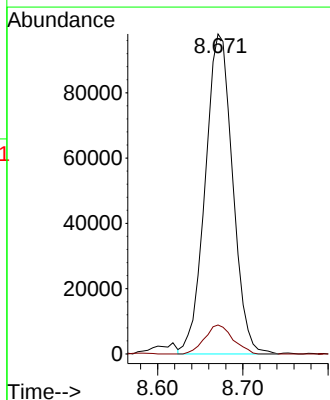
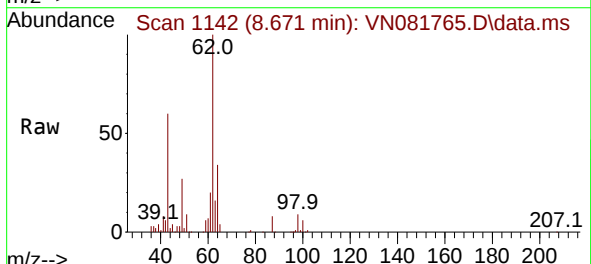
Manual Integrations
APPROVED

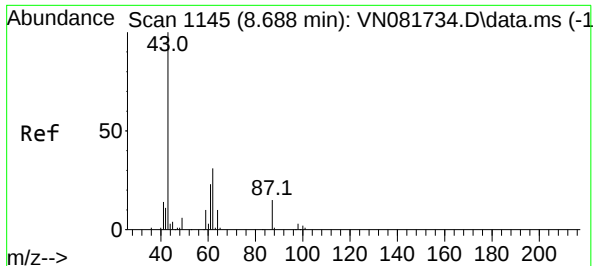
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#42
1,2-Dichloroethane
Concen: 51.130 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

Tgt Ion:	62	98
Ratio	100	9.3
Lower		0.0
Upper		19.6





#43

Isopropyl Acetate

Concen: 53.589 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081765.D

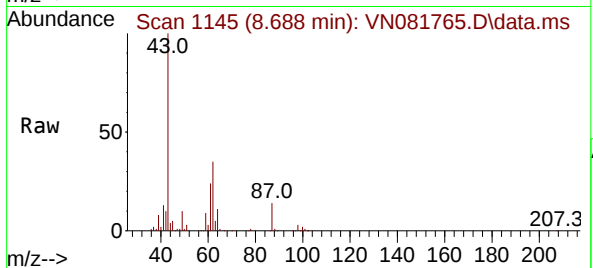
Acq: 16 Apr 2024 17:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



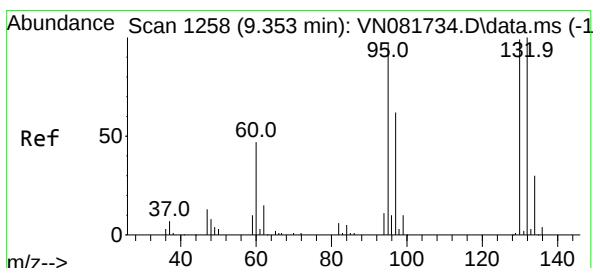
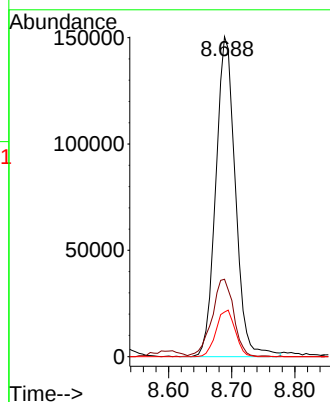
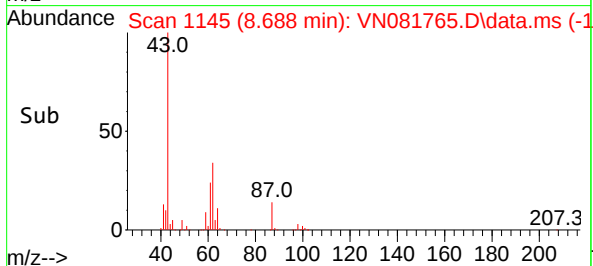
Tgt Ion:	43	Resp:	324219
Ion Ratio	Lower	Upper	
43	100		
61	26.5	22.8	34.2
87	14.3	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#44

Trichloroethene

Concen: 51.196 ug/l

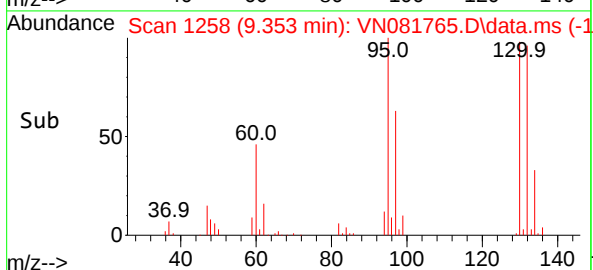
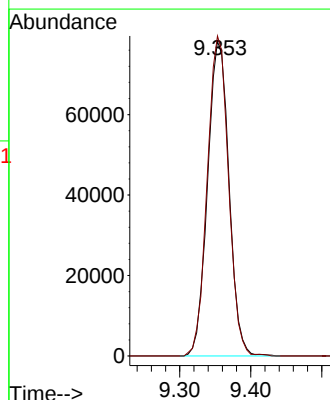
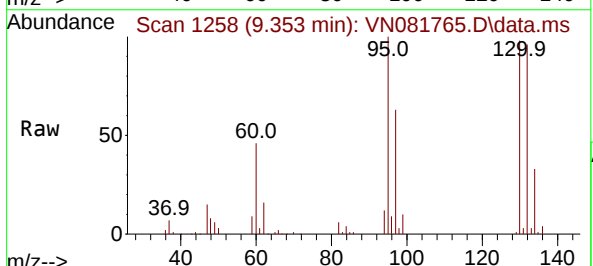
RT: 9.353 min Scan# 1258

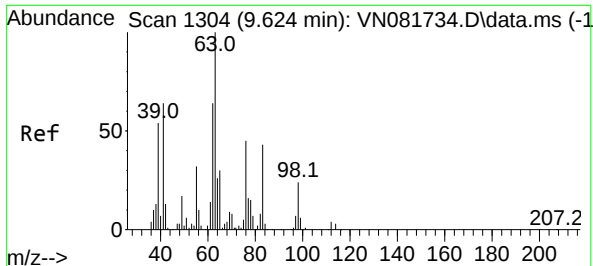
Delta R.T. 0.000 min

Lab File: VN081765.D

Acq: 16 Apr 2024 17:39

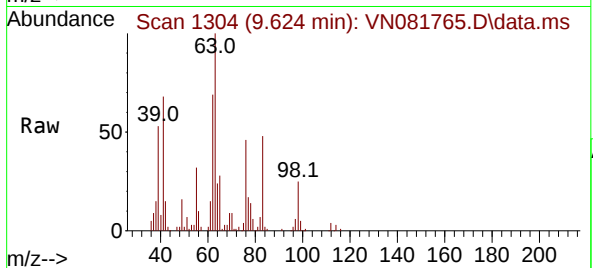
Tgt Ion:	130	Resp:	163673
Ion Ratio	Lower	Upper	
130	100		
95	101.7	0.0	195.4





#45
1,2-Dichloropropane
Concen: 52.661 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

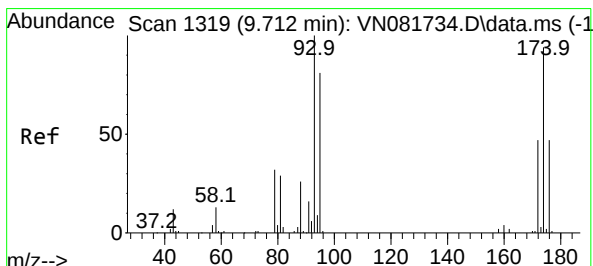
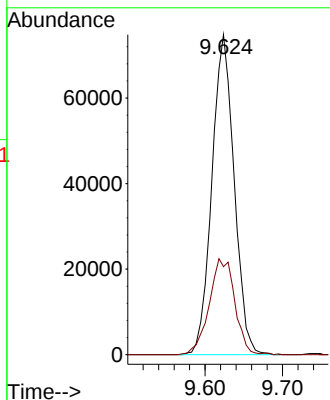
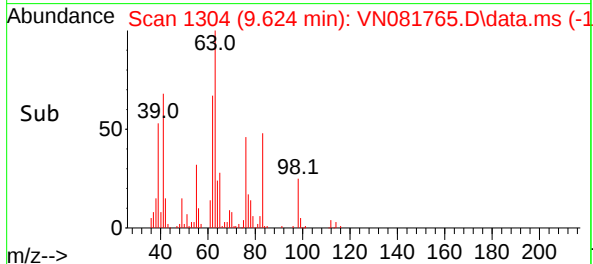
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



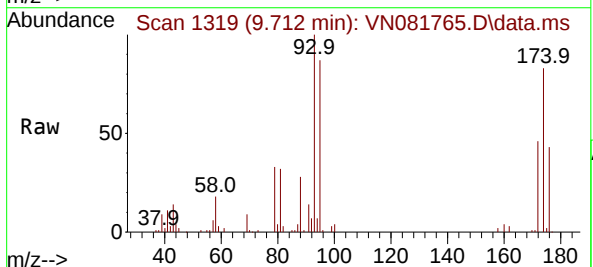
Tgt Ion: 63 Resp: 149259
Ion Ratio Lower Upper
63 100
65 27.5 24.1 36.1

Manual Integrations
APPROVED

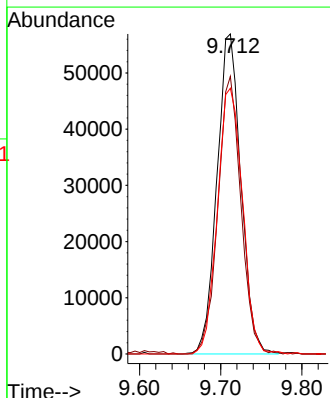
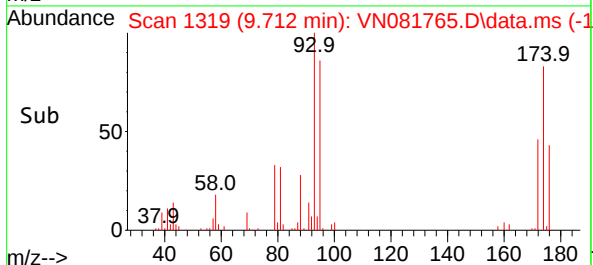
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

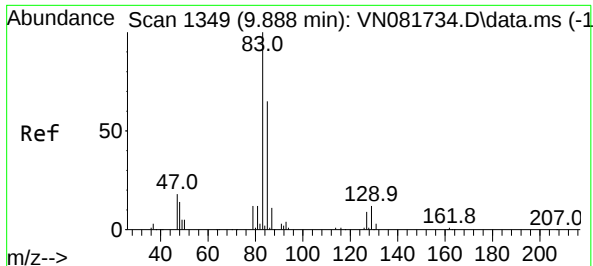


#46
Dibromomethane
Concen: 49.408 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39



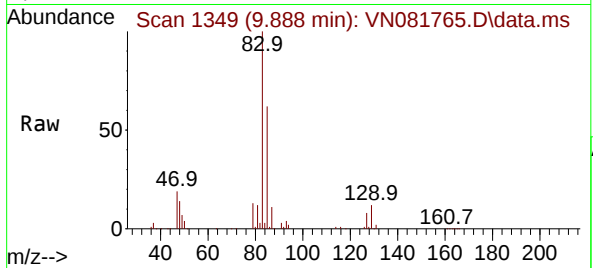
Tgt Ion: 93 Resp: 116882
Ion Ratio Lower Upper
93 100
95 83.4 64.8 97.2
174 86.9 73.4 110.0





#47
Bromodichloromethane
Concen: 53.944 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

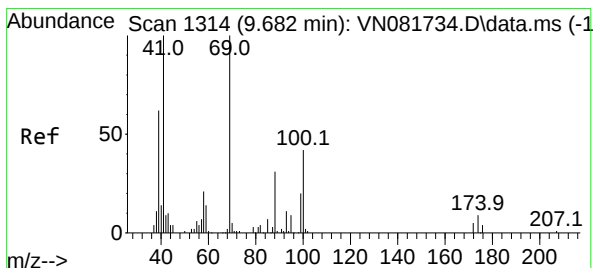
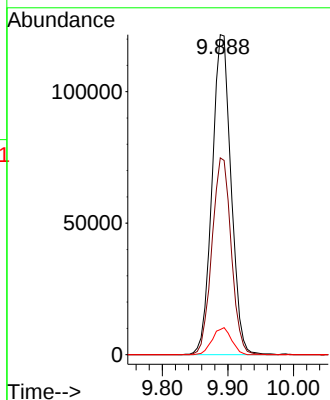
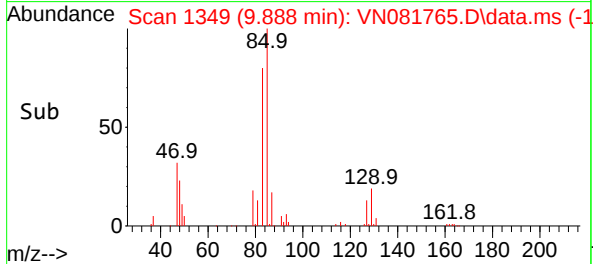
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



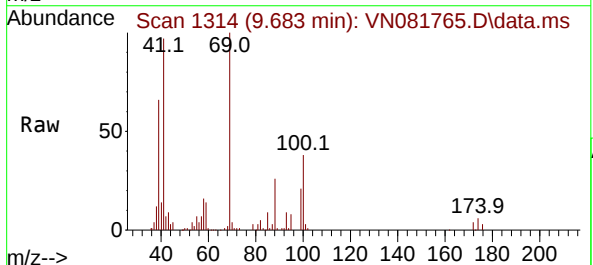
Tgt Ion: 83 Resp: 24377
Ion Ratio Lower Upper
83 100
85 61.5 51.9 77.9
127 7.8 7.5 11.3

Manual Integrations
APPROVED

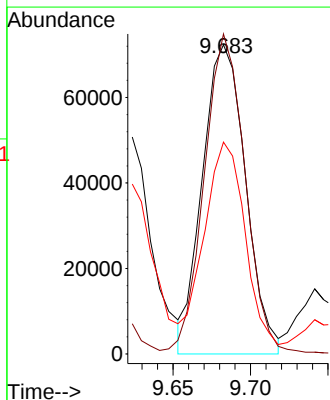
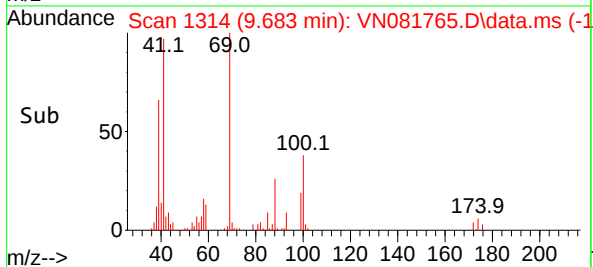
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

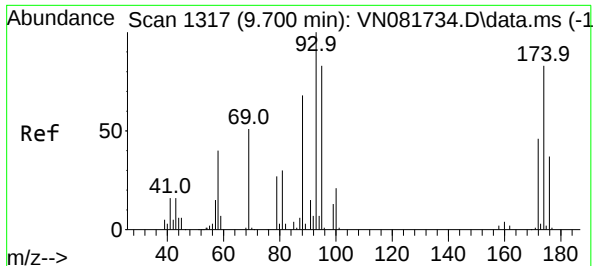


#48
Methyl methacrylate
Concen: 56.835 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.001 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39



Tgt Ion: 41 Resp: 140150
Ion Ratio Lower Upper
41 100
69 97.7 77.9 116.9
39 66.2 50.9 76.3





#49

1,4-Dioxane

Concen: 1051.769 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN081765.D

Acq: 16 Apr 2024 17:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 65048

Ion Ratio Lower Upper

88 100

43 25.8 19.0 28.6

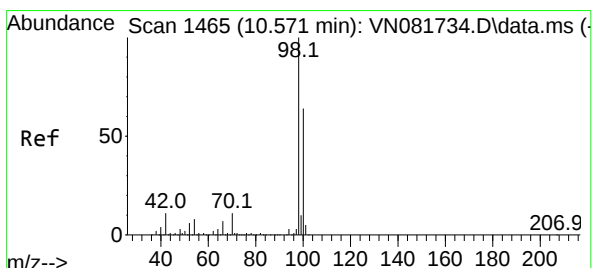
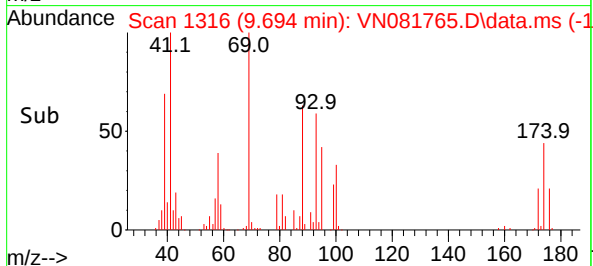
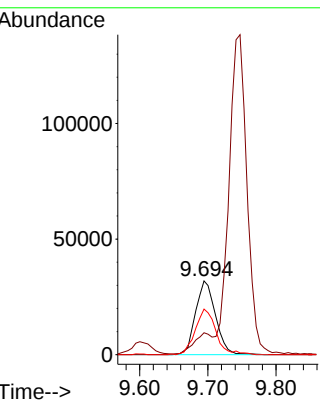
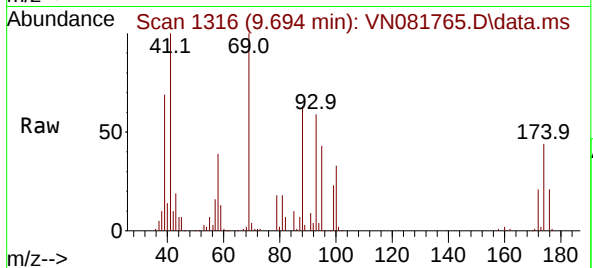
58 64.1 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#50

Toluene-d8

Concen: 50.128 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081765.D

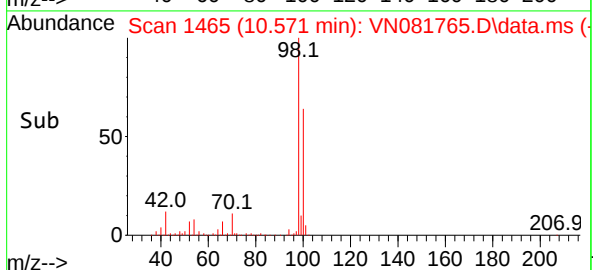
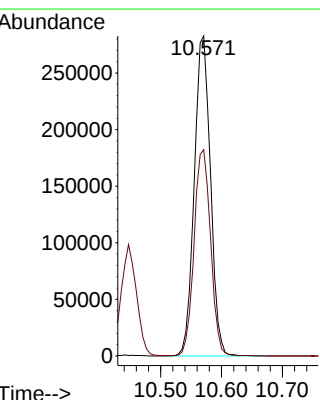
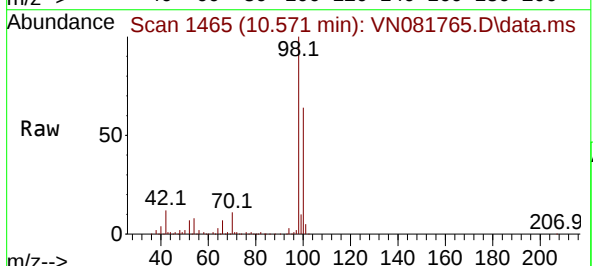
Acq: 16 Apr 2024 17:39

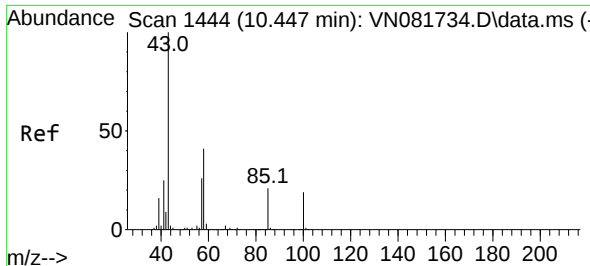
Tgt Ion: 98 Resp: 523093

Ion Ratio Lower Upper

98 100

100 65.7 51.8 77.6





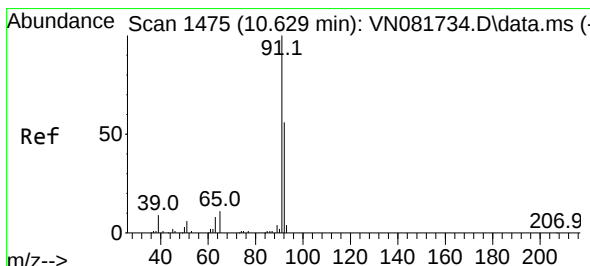
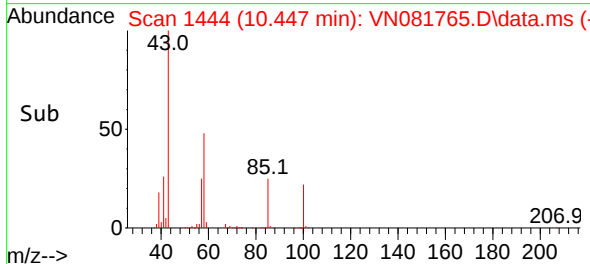
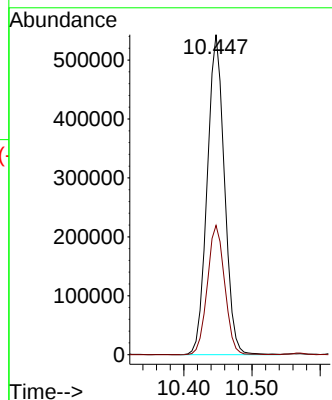
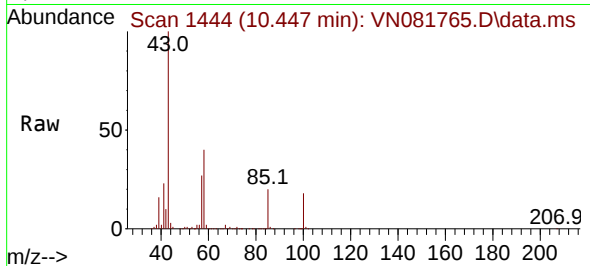
#51
4-Methyl-2-Pentanone
Concen: 284.059 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 955892
Ion Ratio Lower Upper
43 100
58 40.6 33.2 49.8

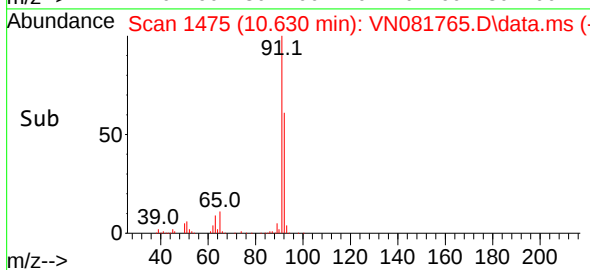
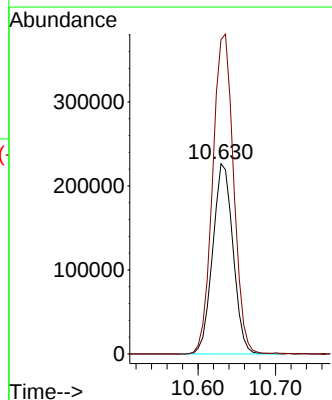
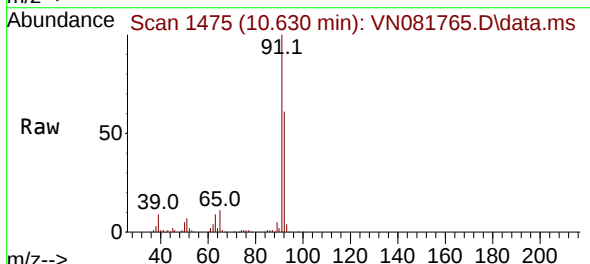
Manual Integrations
APPROVED

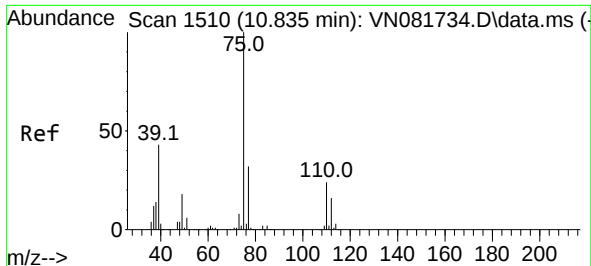
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#52
Toluene
Concen: 52.850 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

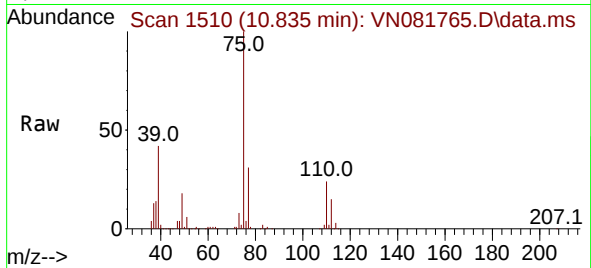
Tgt Ion: 92 Resp: 412696
Ion Ratio Lower Upper
92 100
91 173.2 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 54.485 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

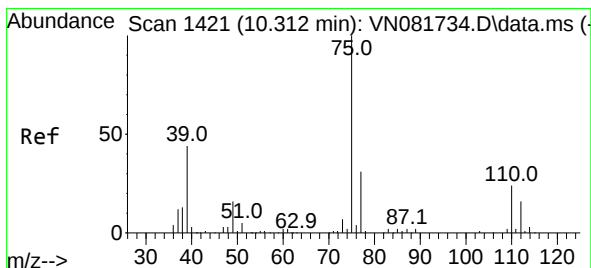
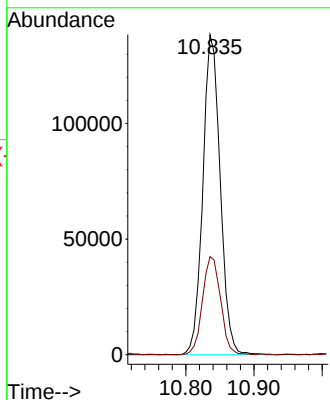
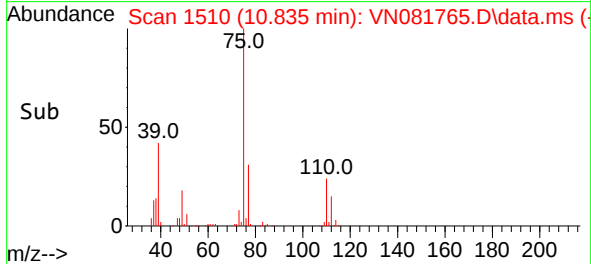
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 245272
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0

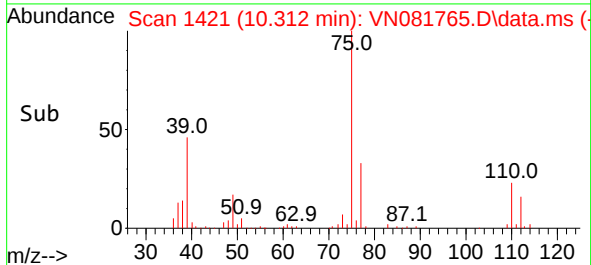
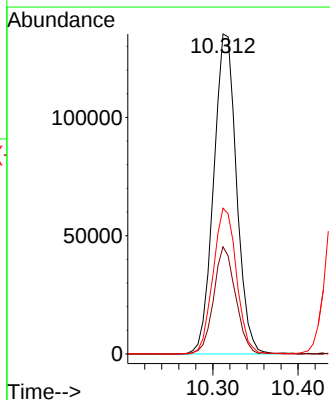
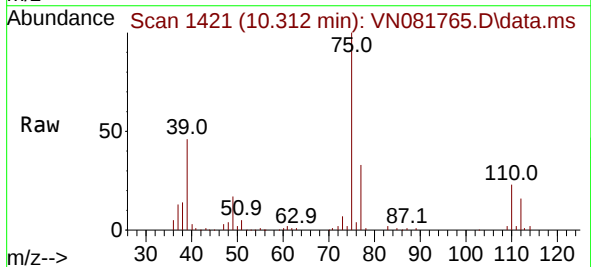
Manual Integrations
APPROVED

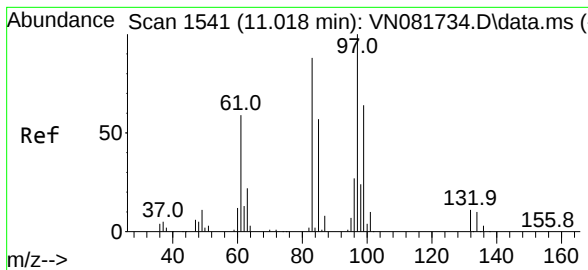
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#54
cis-1,3-Dichloropropene
Concen: 52.759 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

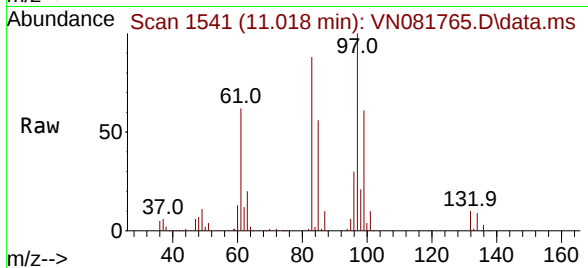
Tgt Ion: 75 Resp: 253003
Ion Ratio Lower Upper
75 100
77 33.5 25.0 37.4
39 45.6 34.8 52.2





#55
1,1,2-Trichloroethane
Concen: 53.346 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

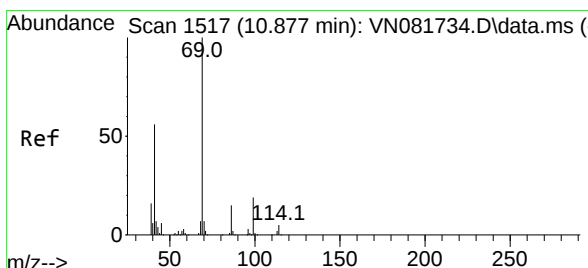
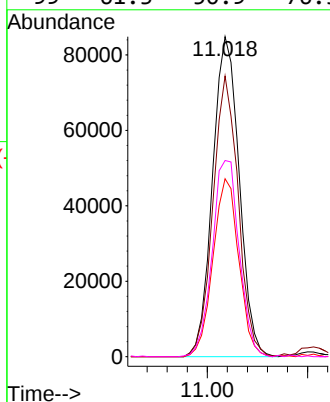
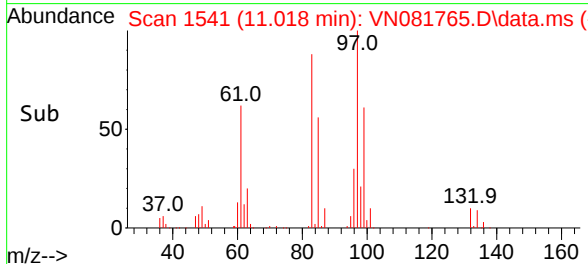


Tgt Ion: 97 Resp: 15648

Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.4	105.6
85	55.6	45.6	68.4
99	61.3	50.9	76.3

Manual Integrations
APPROVED

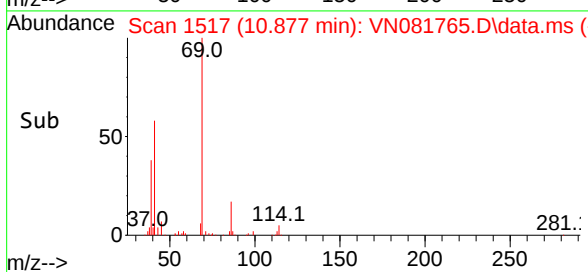
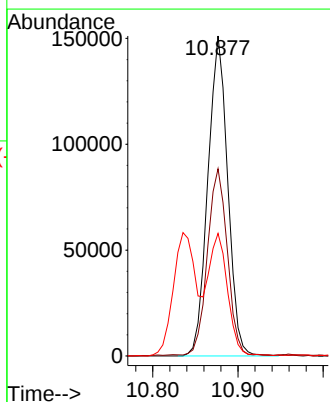
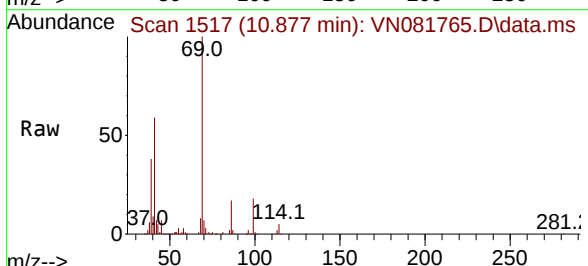
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

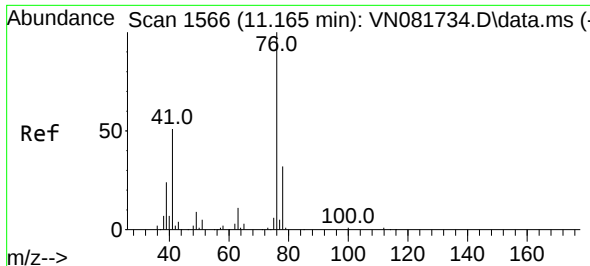


#56
Ethyl methacrylate
Concen: 60.596 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

Tgt Ion: 69 Resp: 244576

Ion	Ratio	Lower	Upper
69	100		
41	59.6	46.6	70.0
39	35.7	26.5	39.7





#57

1,3-Dichloropropane

Concen: 53.174 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081765.D

Acq: 16 Apr 2024 17:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 261089

Ion Ratio Lower Upper

76 100

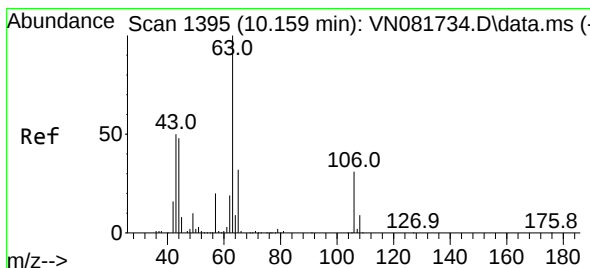
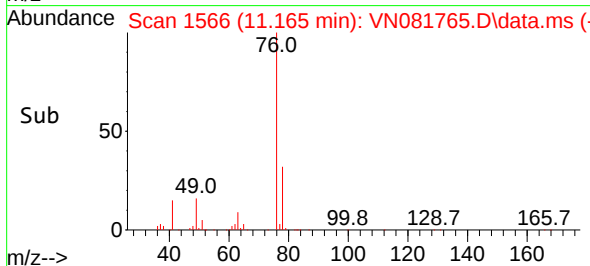
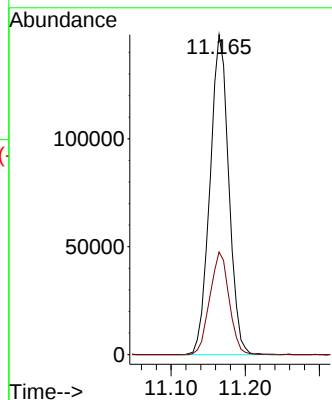
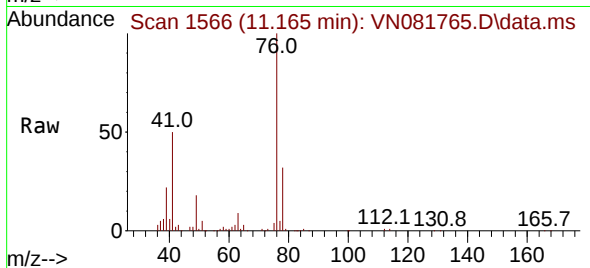
78 33.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#58

2-Chloroethyl Vinyl ether

Concen: 280.131 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081765.D

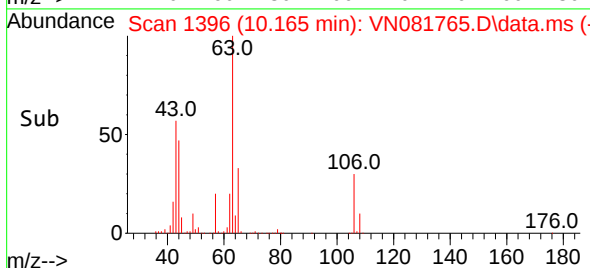
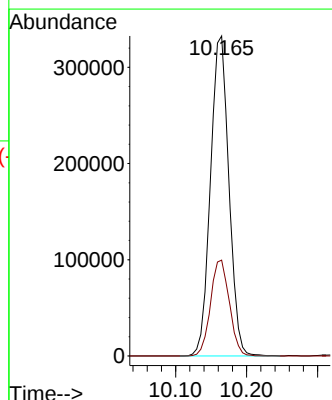
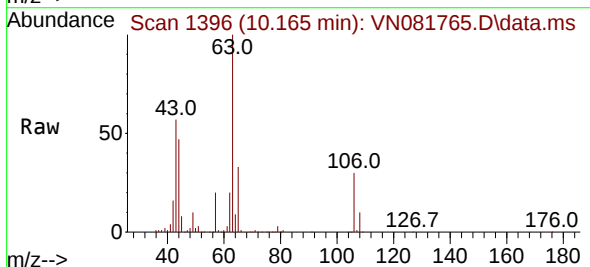
Acq: 16 Apr 2024 17:39

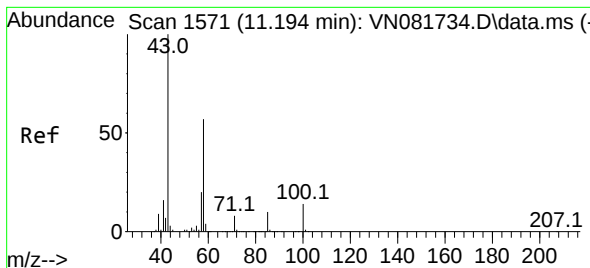
Tgt Ion: 63 Resp: 598251

Ion Ratio Lower Upper

63 100

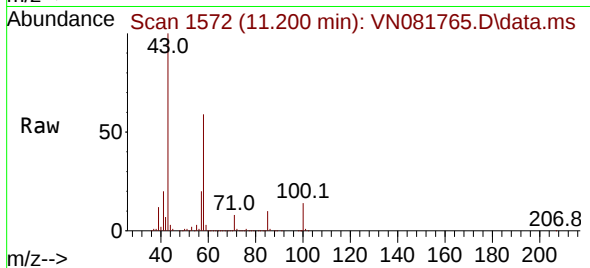
106 30.6 24.6 36.8





#59
2-Hexanone
Concen: 292.109 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

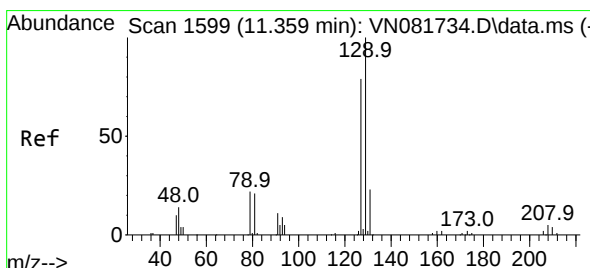
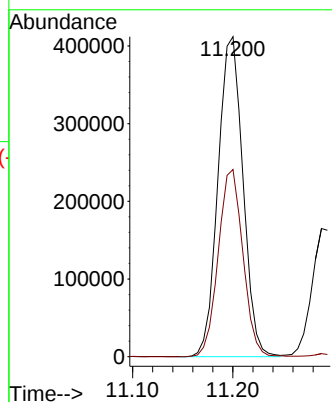
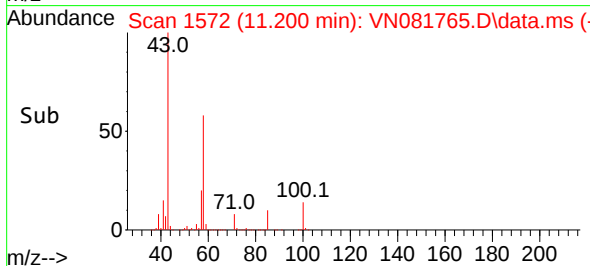
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 711590
Ion Ratio Lower Upper
43 100
58 57.8 28.3 84.9

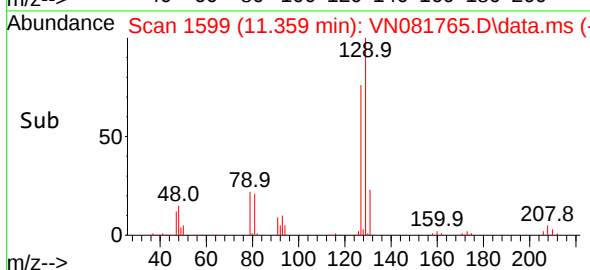
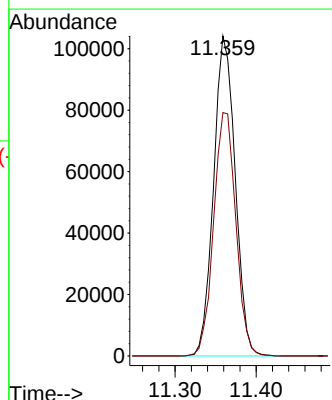
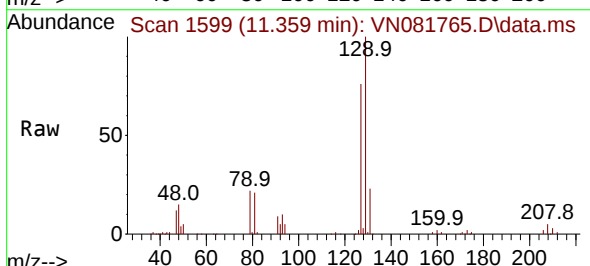
Manual Integrations
APPROVED

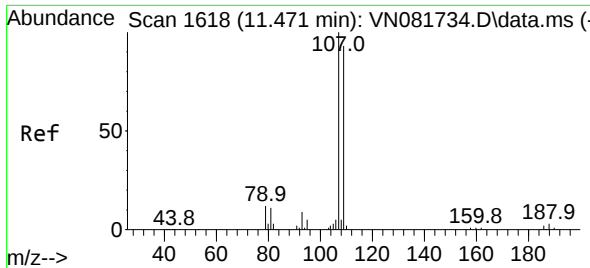
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#60
Dibromochloromethane
Concen: 54.331 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

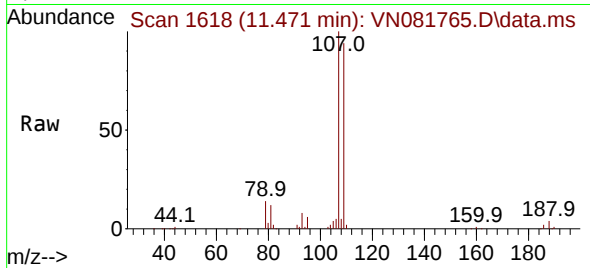
Tgt Ion:129 Resp: 192634
Ion Ratio Lower Upper
129 100
127 78.2 38.3 114.8





#61
1,2-Dibromoethane
Concen: 53.364 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

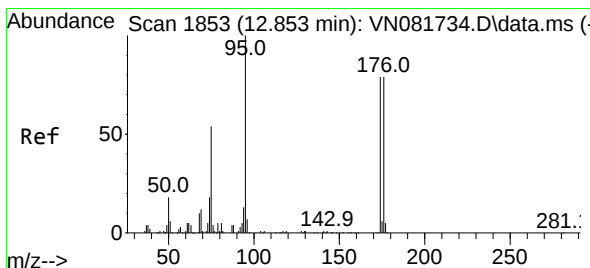
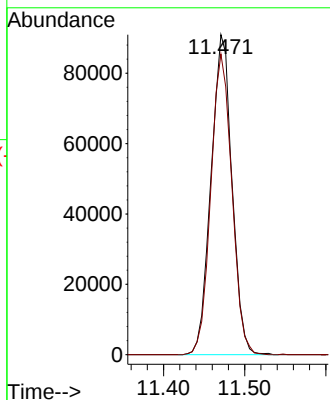
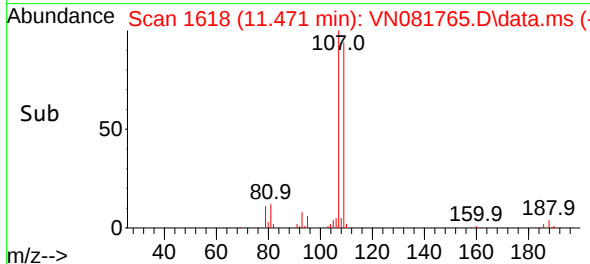
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



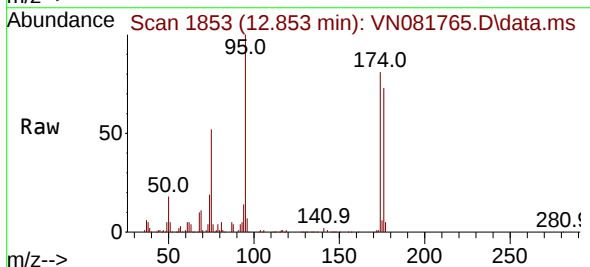
Tgt Ion:107 Resp: 163288
Ion Ratio Lower Upper
107 100
109 94.2 75.8 113.6

Manual Integrations
APPROVED

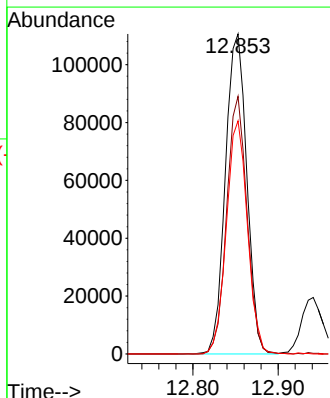
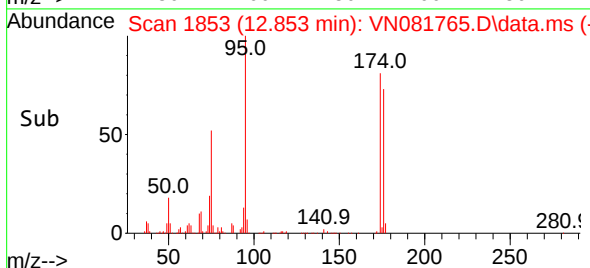
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

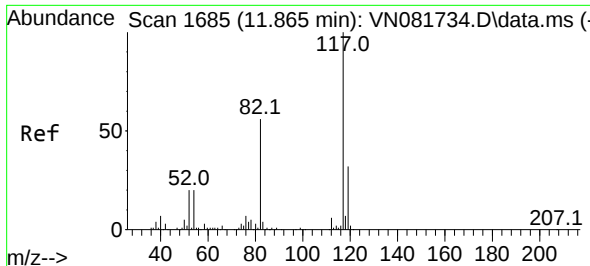


#62
4-Bromofluorobenzene
Concen: 54.060 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39



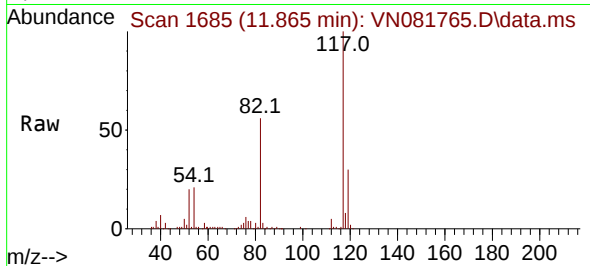
Tgt Ion: 95 Resp: 192778
Ion Ratio Lower Upper
95 100
174 76.5 0.0 160.6
176 71.6 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

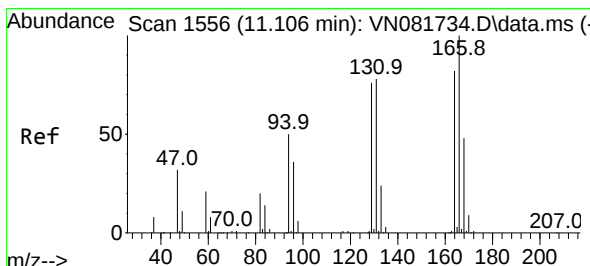
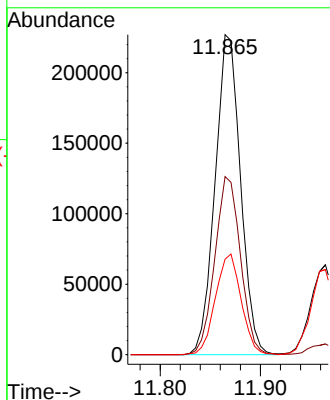
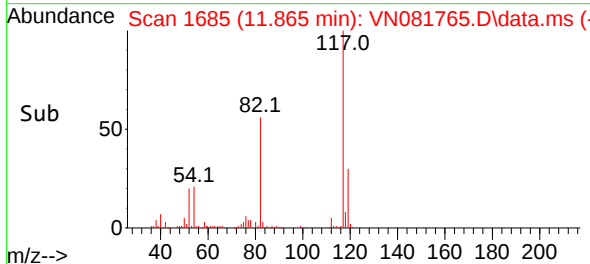
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 399934
Ion Ratio Lower Upper
117 100
82 55.7 44.6 66.8
119 29.8 25.9 38.9

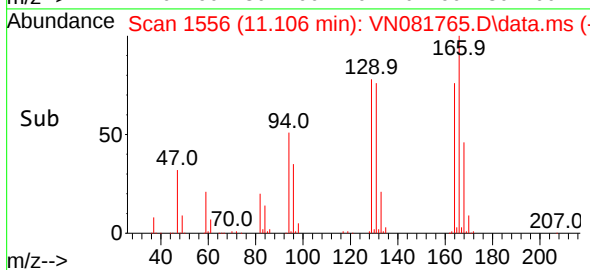
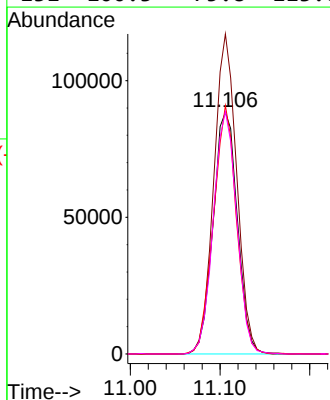
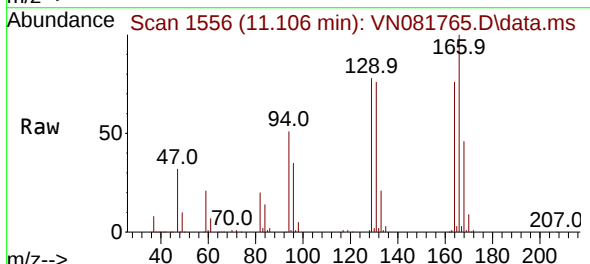
Manual Integrations
APPROVED

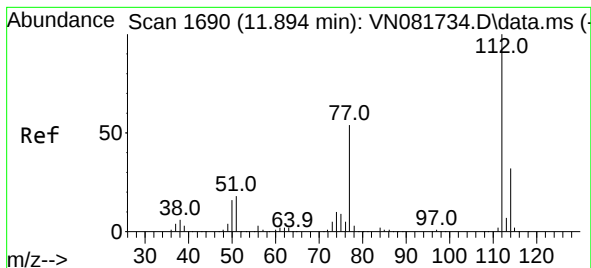
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#64
Tetrachloroethene
Concen: 48.859 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

Tgt Ion:164 Resp: 165786
Ion Ratio Lower Upper
164 100
166 132.4 97.6 146.4
129 102.7 73.7 110.5
131 100.3 75.8 113.6





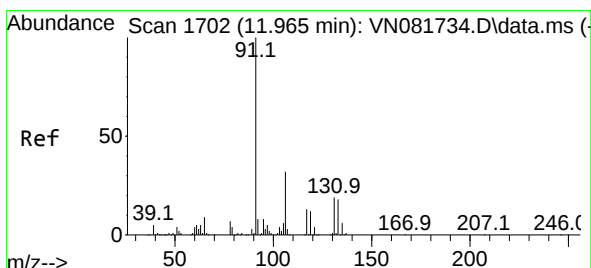
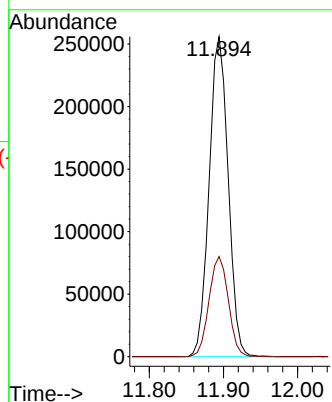
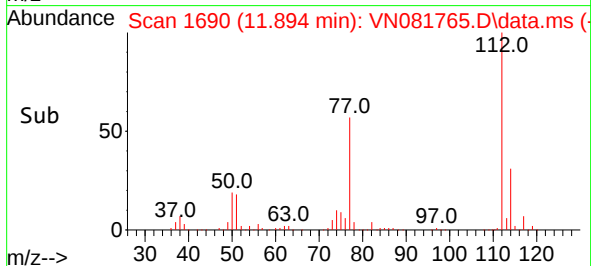
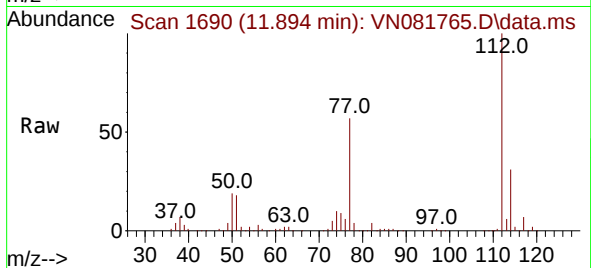
#65
Chlorobenzene
Concen: 49.567 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 45614
Ion Ratio Lower Upper
112 100
114 31.3 25.7 38.5

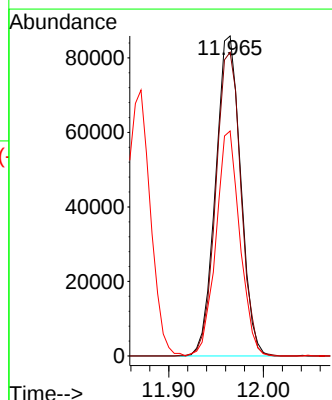
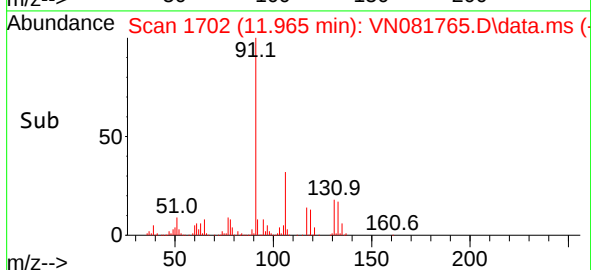
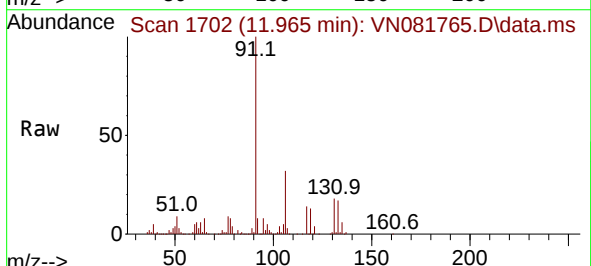
Manual Integrations
APPROVED

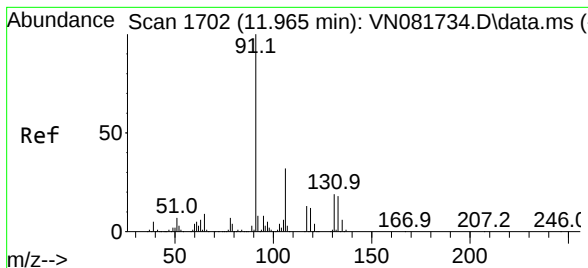
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.368 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

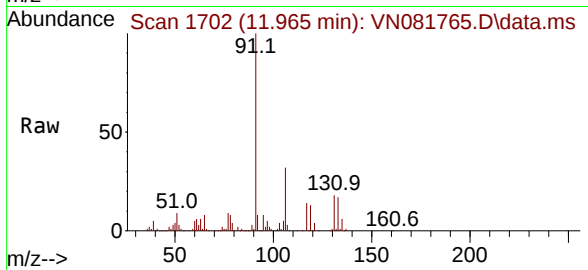
Tgt Ion:131 Resp: 158123
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 67.1 32.9 98.7





#67
Ethyl Benzene
Concen: 54.472 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

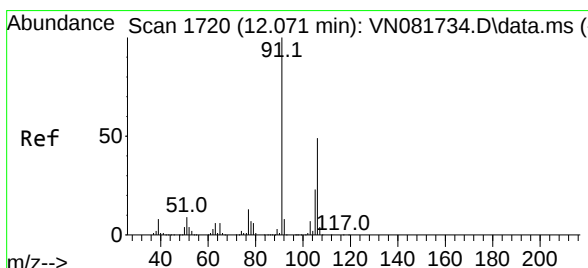
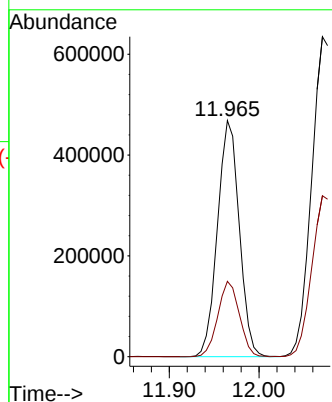
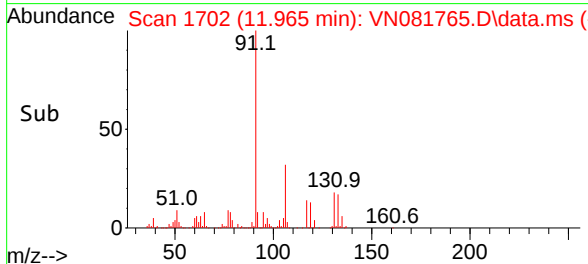
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



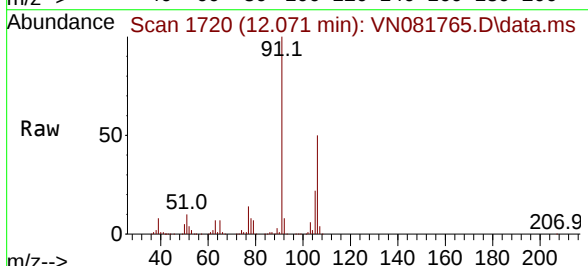
Tgt Ion: 91 Resp: 78905
Ion Ratio Lower Upper
91 100
106 31.9 25.3 37.9

Manual Integrations
APPROVED

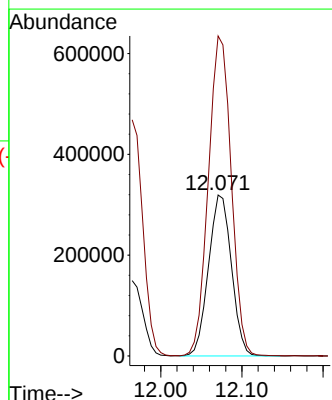
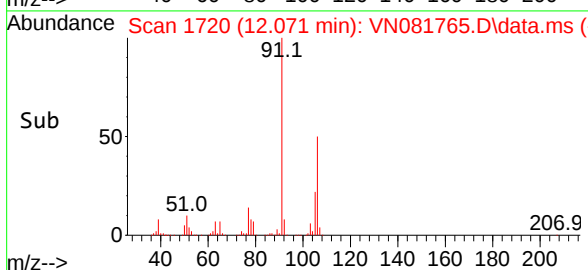
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

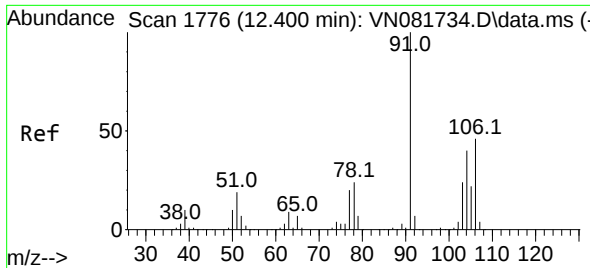


#68
m/p-Xylenes
Concen: 111.164 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39



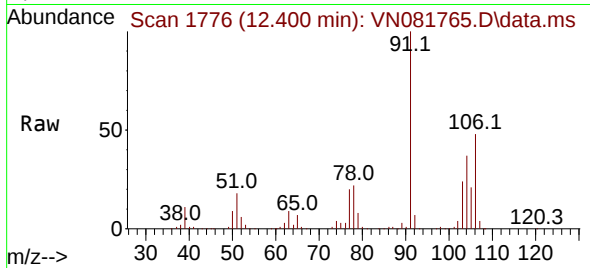
Tgt Ion:106 Resp: 626177
Ion Ratio Lower Upper
106 100
91 198.9 159.4 239.0





#69
o-Xylene
Concen: 56.422 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

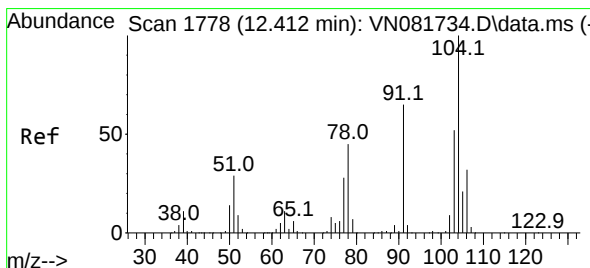
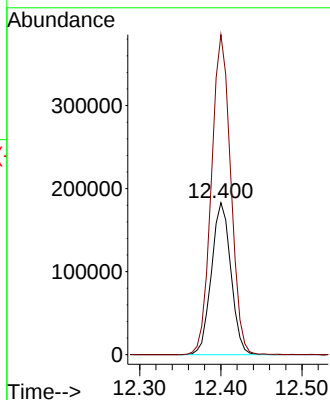
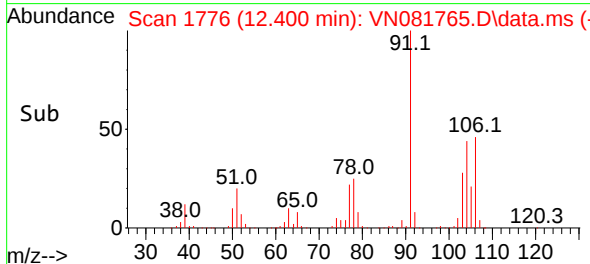
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 30457
Ion Ratio Lower Upper
106 100
91 209.8 104.7 314.1

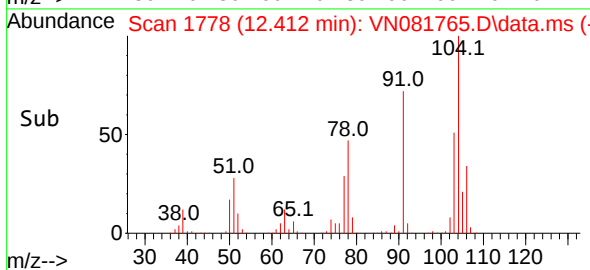
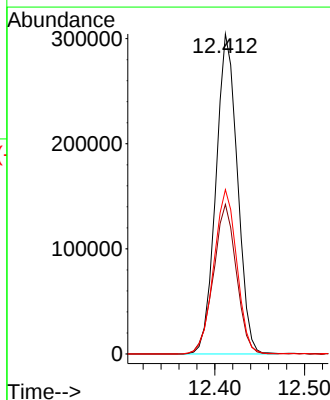
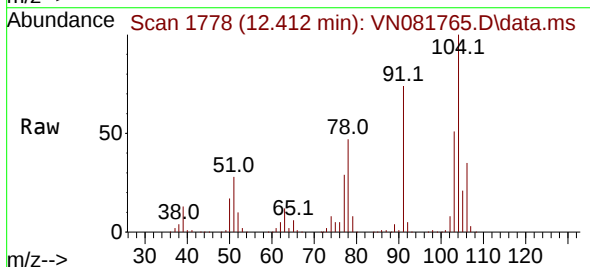
Manual Integrations
APPROVED

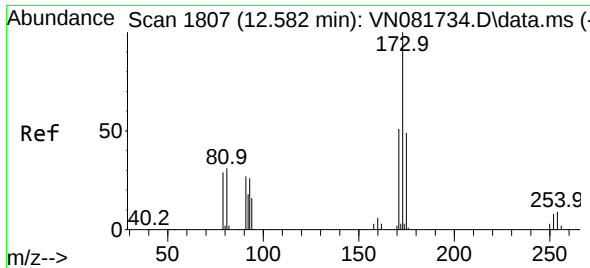
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#70
Styrene
Concen: 57.383 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

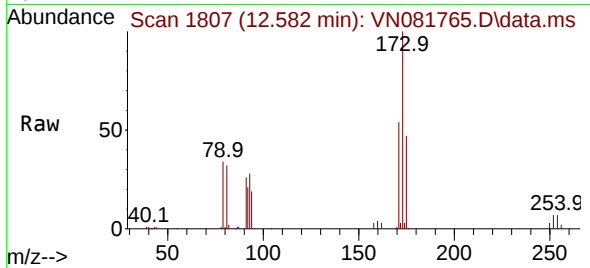
Tgt Ion:104 Resp: 507485
Ion Ratio Lower Upper
104 100
78 49.6 38.6 58.0
103 54.8 43.8 65.6





#71
Bromoform
Concen: 52.792 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

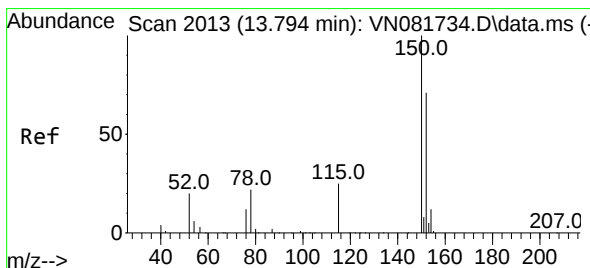
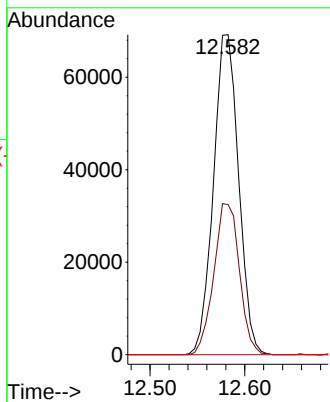
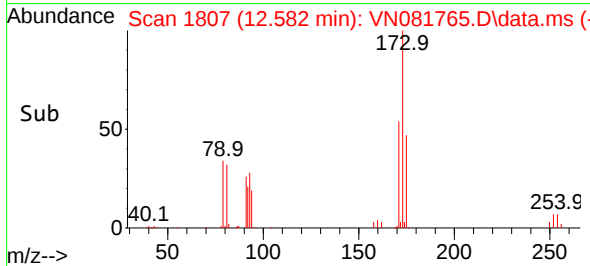
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



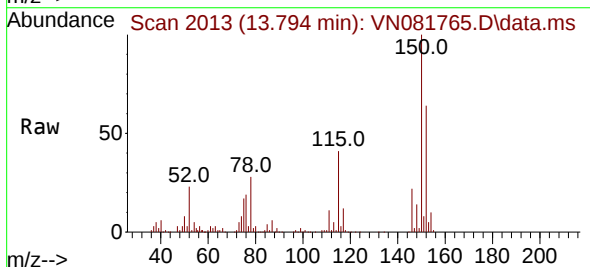
Tgt Ion:173 Resp: 12788
Ion Ratio Lower Upper
173 100
175 48.0 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

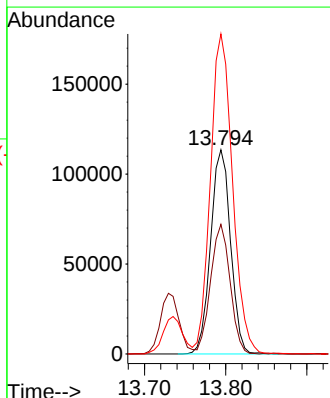
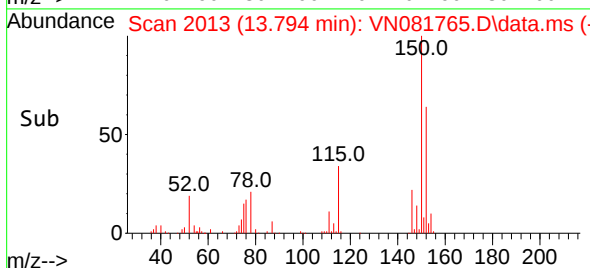
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

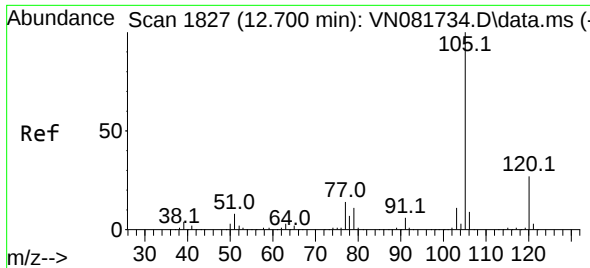


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39



Tgt Ion:152 Resp: 193887
Ion Ratio Lower Upper
152 100
115 61.8 30.4 91.3
150 174.0 0.0 353.2





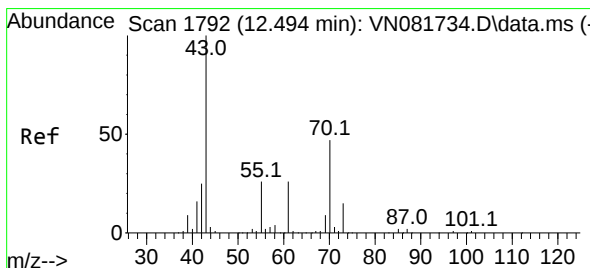
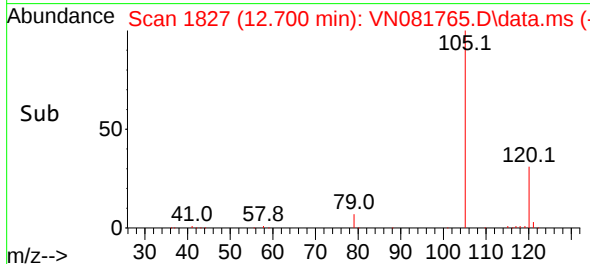
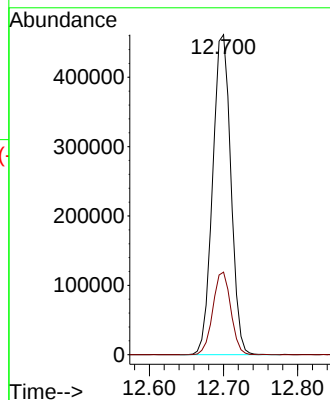
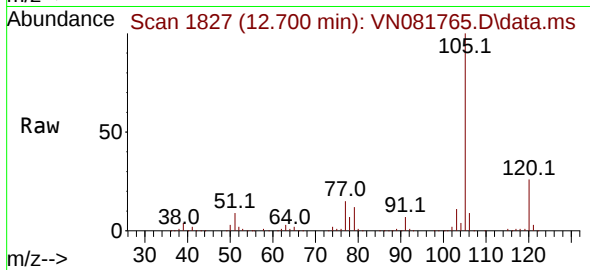
#73
Isopropylbenzene
Concen: 54.087 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 78638
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1

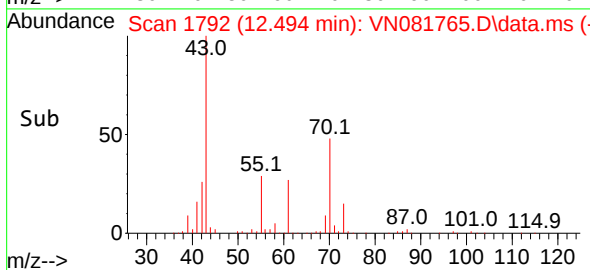
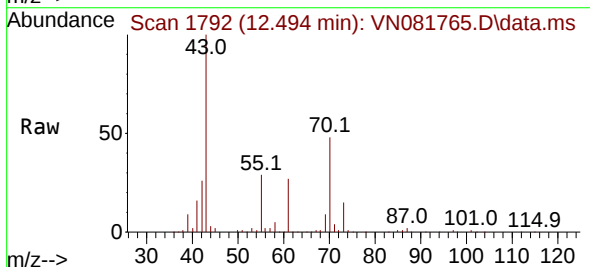
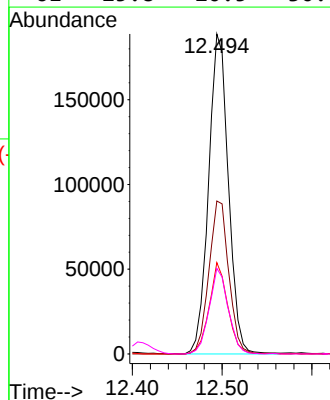
Manual Integrations
APPROVED

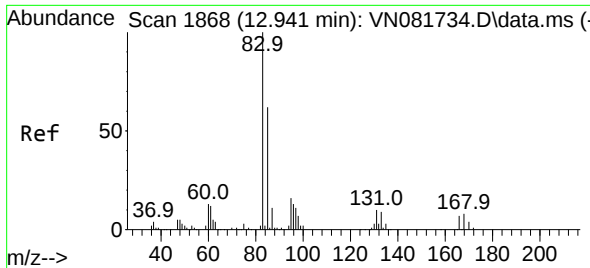
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#74
N-ethyl acetate
Concen: 54.645 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

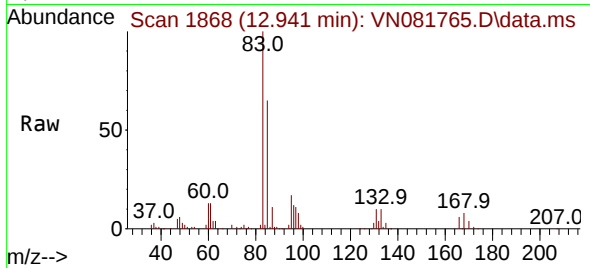
Tgt Ion: 43 Resp: 289153
Ion Ratio Lower Upper
43 100
70 48.0 39.0 58.4
55 26.9 21.3 31.9
61 25.8 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 48.101 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

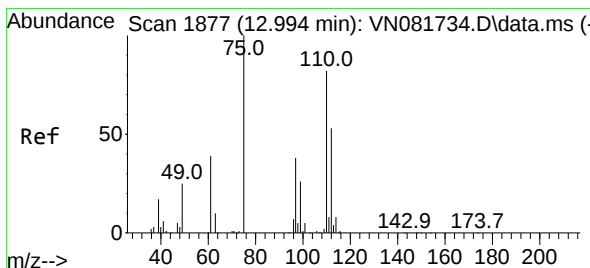
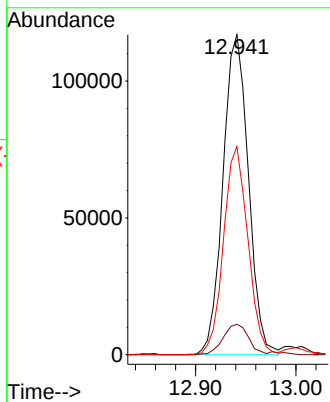
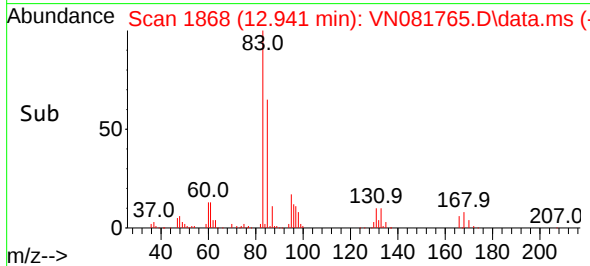
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



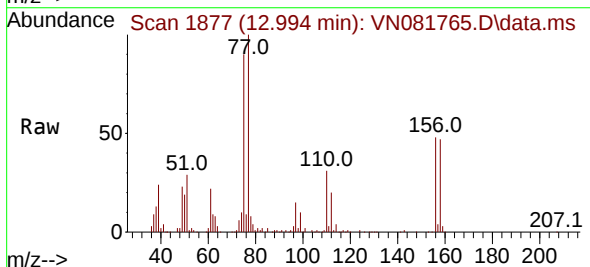
Tgt Ion: 83 Resp: 205468
Ion Ratio Lower Upper
83 100
131 9.5 5.5 16.4
85 62.5 32.9 98.6

Manual Integrations
APPROVED

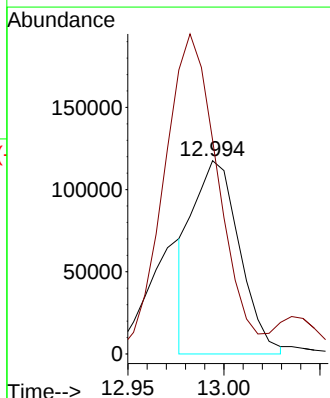
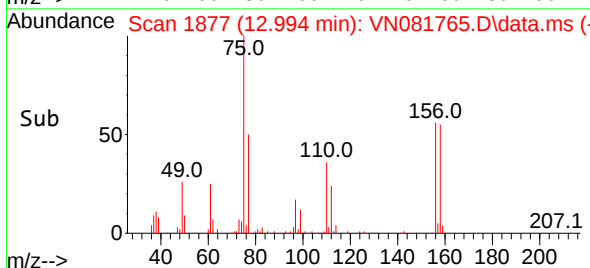
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

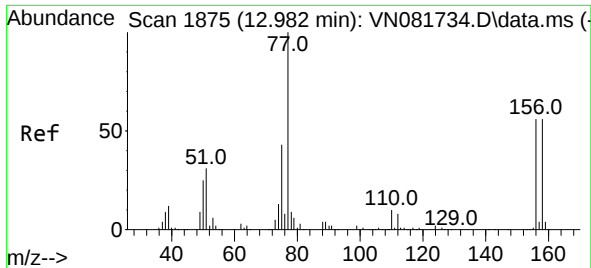


#76
1,2,3-Trichloropropane
Concen: 57.407 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39



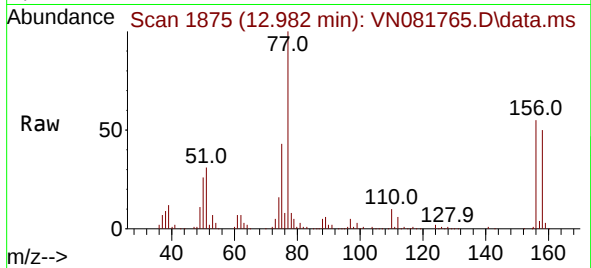
Tgt Ion: 75 Resp: 200705
Ion Ratio Lower Upper
75 100
77 191.0 90.5 271.3





#77
Bromobenzene
Concen: 49.860 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

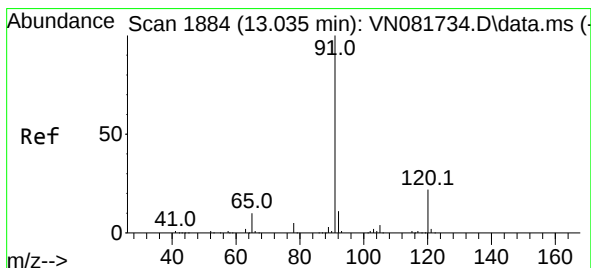
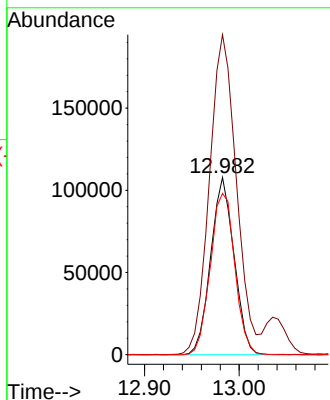
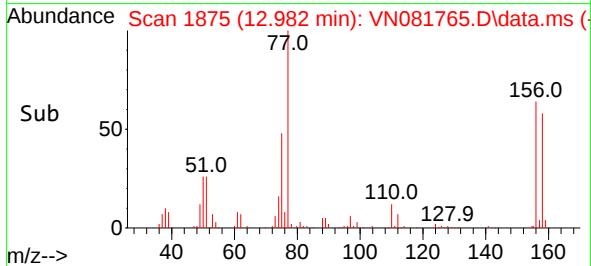
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 184818
Ion Ratio Lower Upper
156 100
77 207.5 100.2 300.6
158 95.6 49.1 147.3

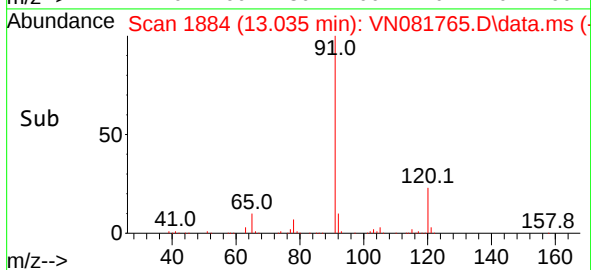
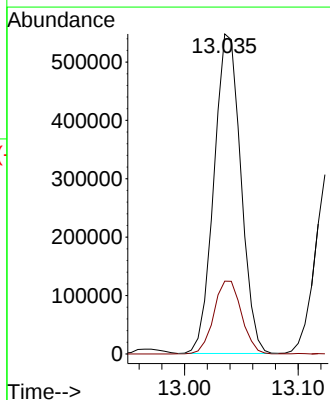
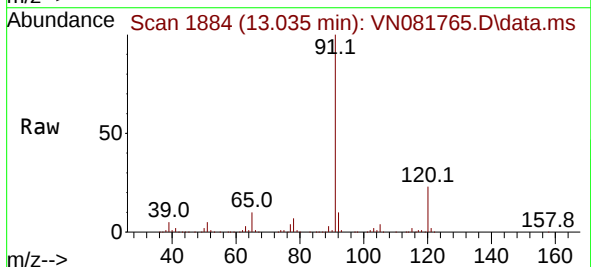
Manual Integrations
APPROVED

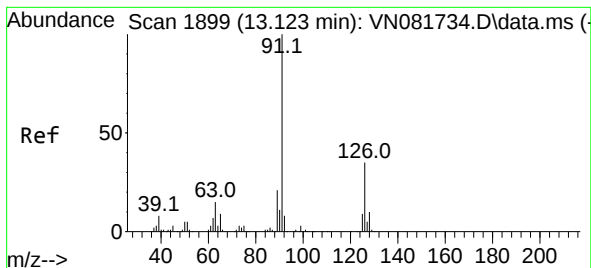
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#78
n-propylbenzene
Concen: 53.398 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

Tgt Ion: 91 Resp: 900907
Ion Ratio Lower Upper
91 100
120 23.4 11.7 35.0





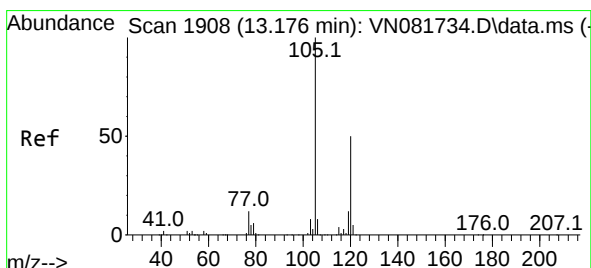
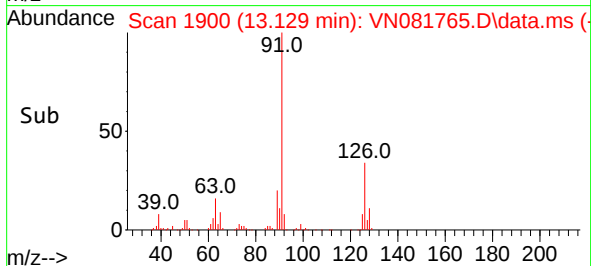
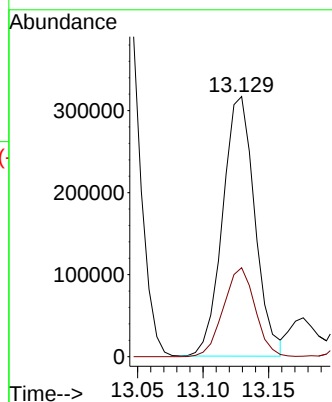
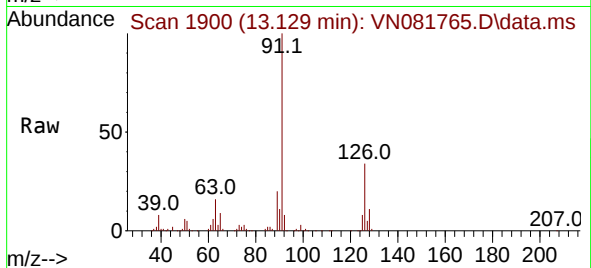
#79
2-Chlorotoluene
Concen: 51.413 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 54068
Ion Ratio Lower Upper
91 100
126 33.7 17.5 52.5

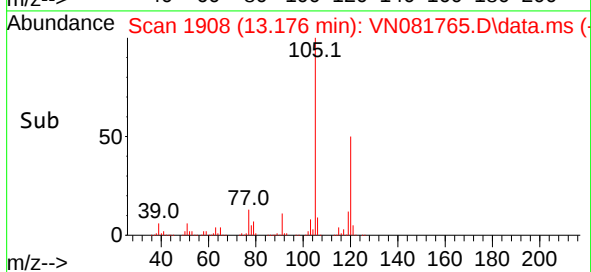
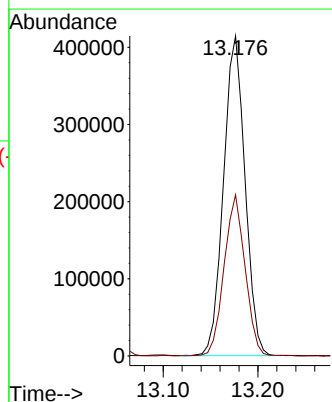
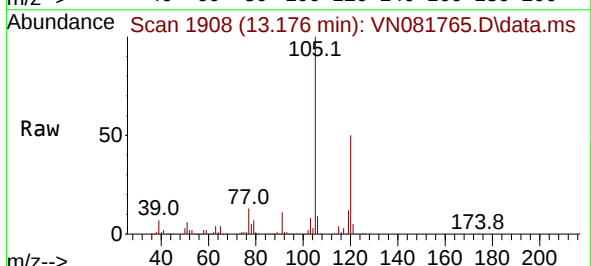
Manual Integrations
APPROVED

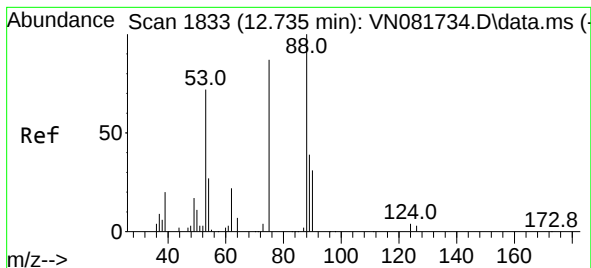
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#80
1,3,5-Trimethylbenzene
Concen: 55.024 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

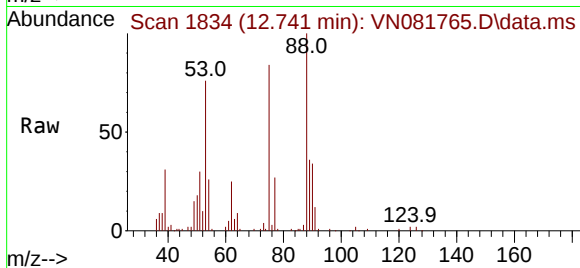
Tgt Ion:105 Resp: 653506
Ion Ratio Lower Upper
105 100
120 49.3 24.8 74.3





#81
trans-1,4-Dichloro-2-butene
Concen: 56.452 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

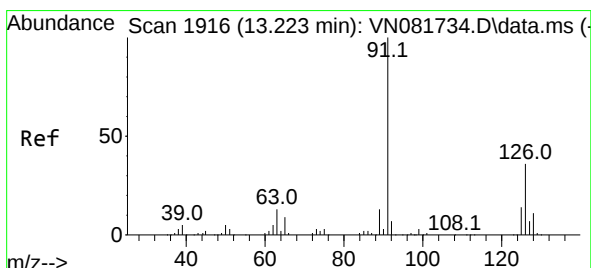
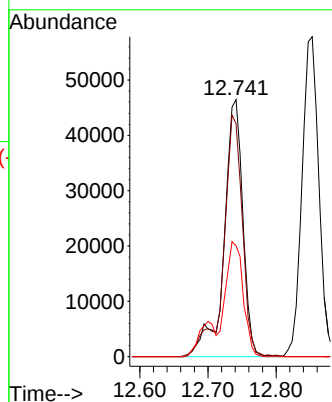
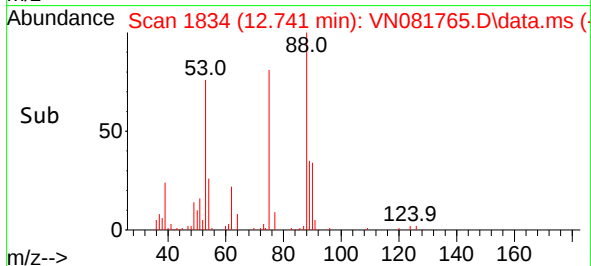
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 8945
Ion Ratio Lower Upper
75 100
53 93.7 72.9 109.3
89 42.0 39.1 58.7

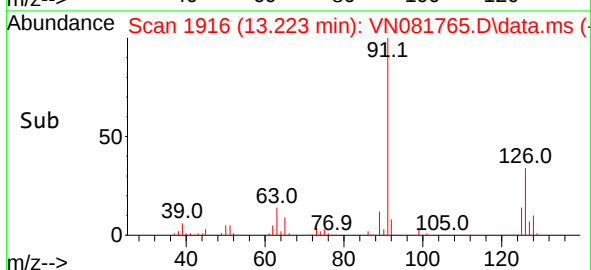
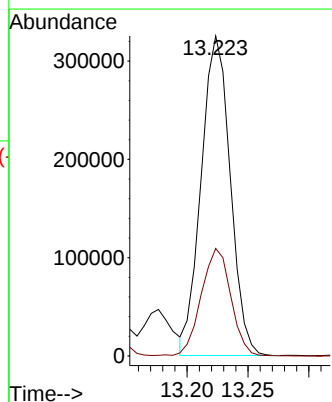
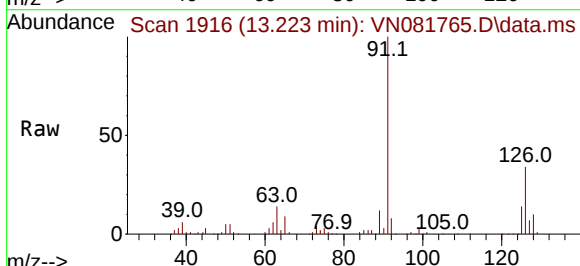
Manual Integrations
APPROVED

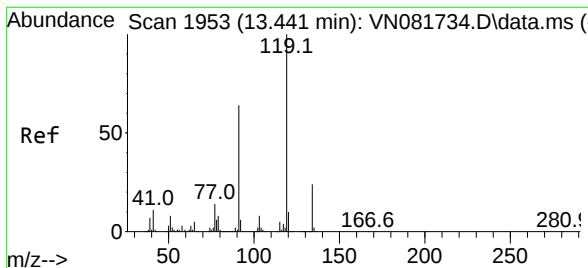
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#82
4-Chlorotoluene
Concen: 51.802 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

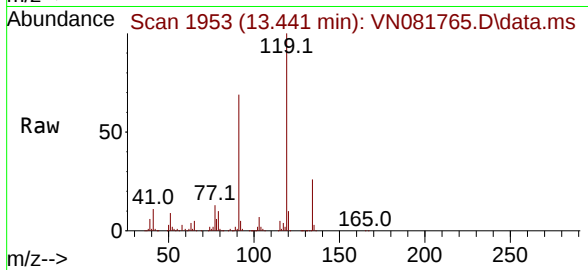
Tgt Ion: 91 Resp: 538172
Ion Ratio Lower Upper
91 100
126 34.4 17.4 52.3





#83
tert-Butylbenzene
Concen: 53.142 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

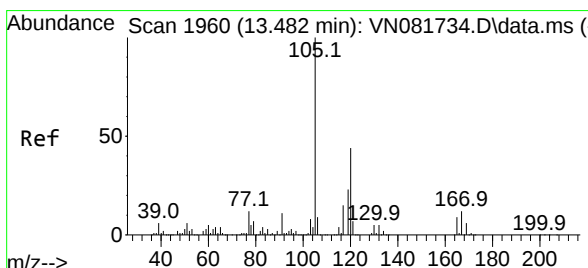
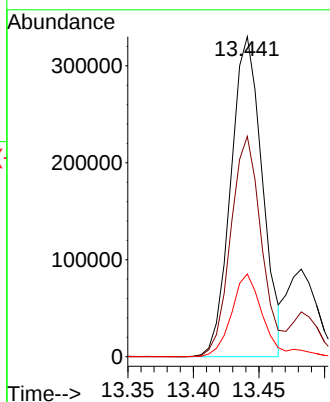
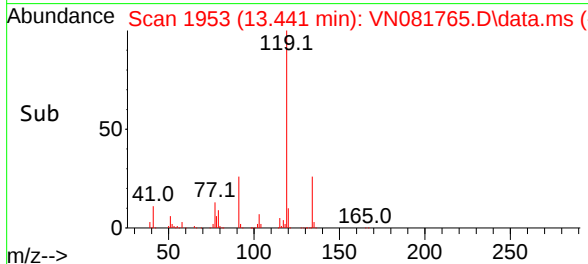
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



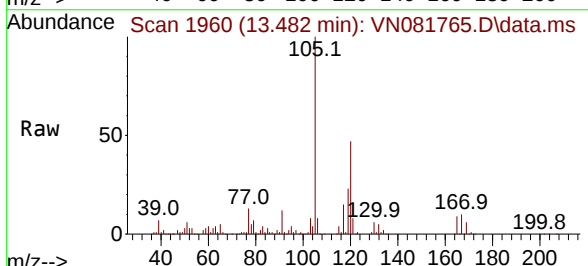
Tgt Ion:119 Resp: 552812
Ion Ratio Lower Upper
119 100
91 68.1 32.6 97.8
134 26.3 12.4 37.0

Manual Integrations
APPROVED

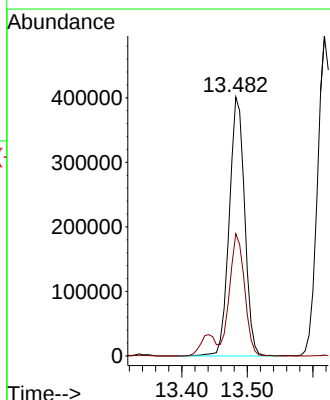
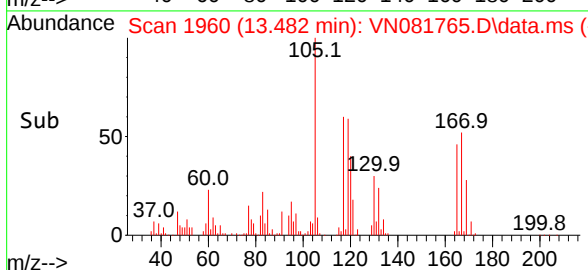
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

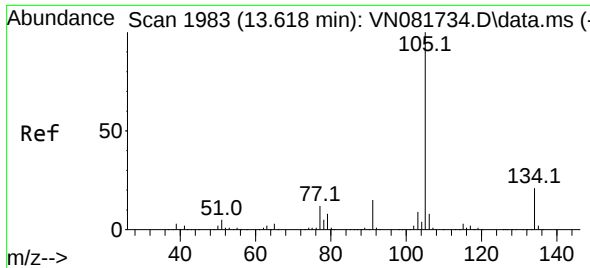


#84
1,2,4-Trimethylbenzene
Concen: 54.630 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39



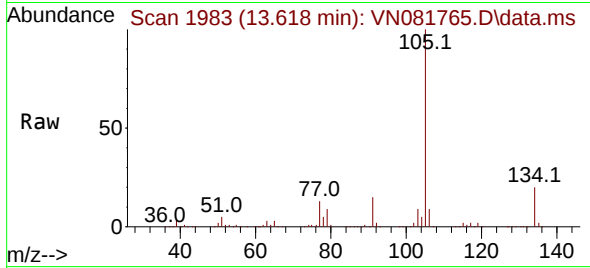
Tgt Ion:105 Resp: 654476
Ion Ratio Lower Upper
105 100
120 46.5 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 53.941 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081765.D
 Acq: 16 Apr 2024 17:39

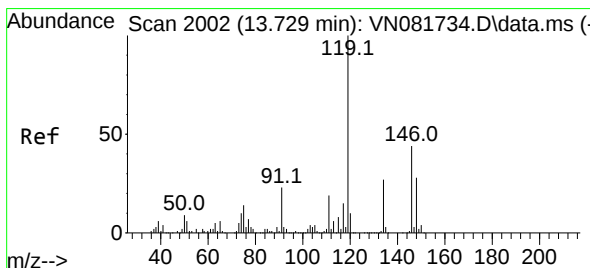
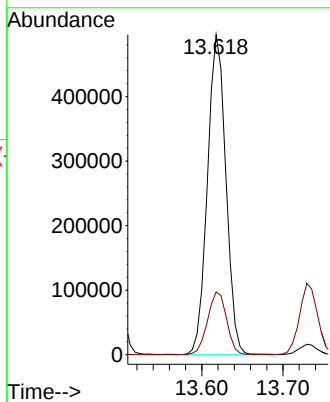
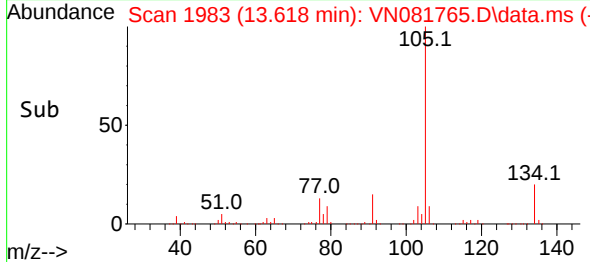
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



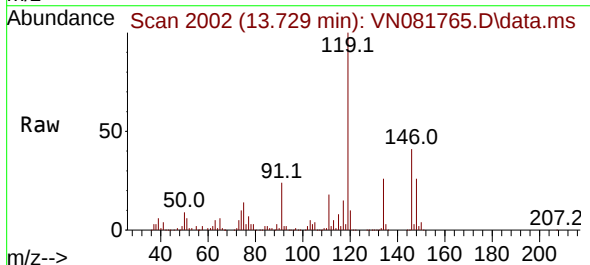
Tgt Ion:105 Resp: 783012
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4

Manual Integrations
 APPROVED

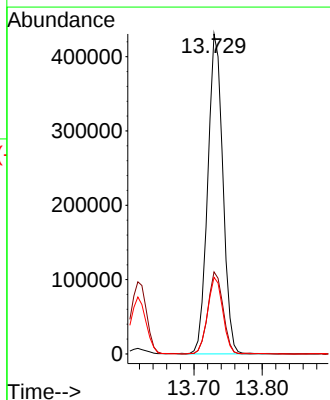
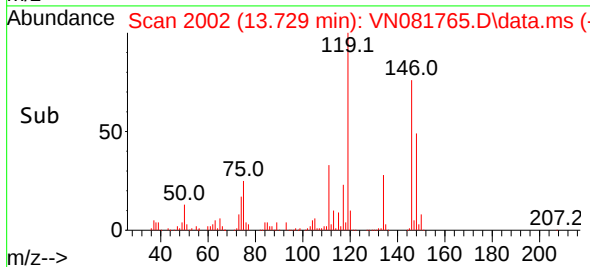
Reviewed By :John Carlone 04/17/2024
 Supervised By :Mahesh Dadoda 04/17/2024

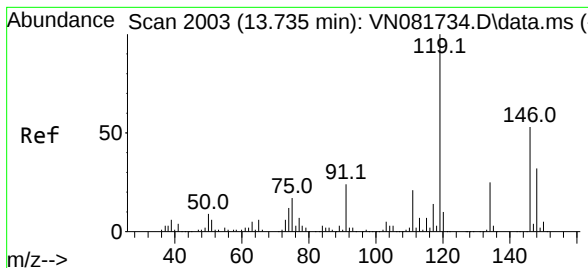


#86
 p-Isopropyltoluene
 Concen: 55.731 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081765.D
 Acq: 16 Apr 2024 17:39



Tgt Ion:119 Resp: 663086
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.5
 91 24.1 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 48.445 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN081765.D

Acq: 16 Apr 2024 17:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 33563

Ion Ratio Lower Upper

146 100

111 43.1 20.8 62.5

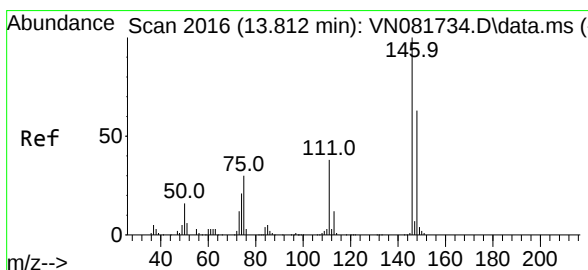
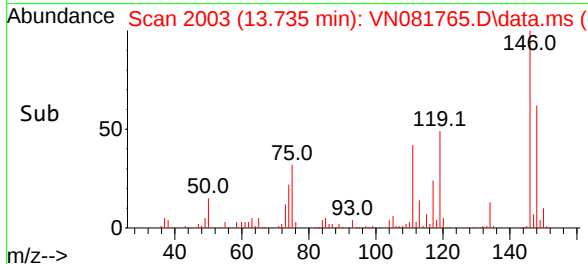
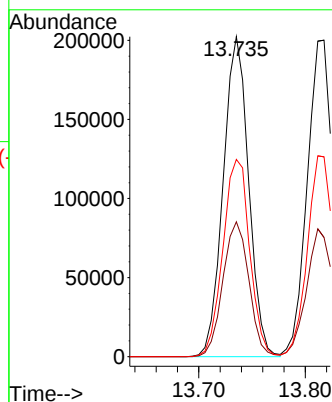
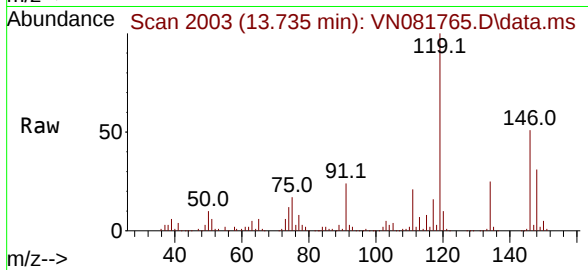
148 65.0 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#88

1,4-Dichlorobenzene

Concen: 48.336 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VN081765.D

Acq: 16 Apr 2024 17:39

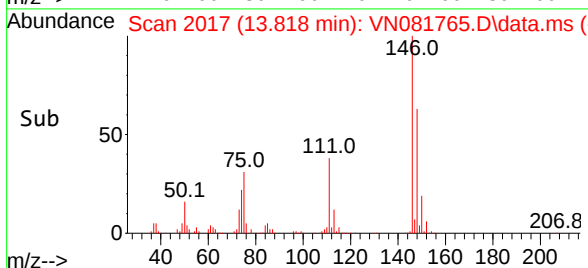
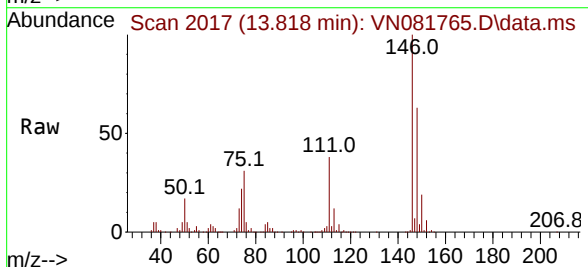
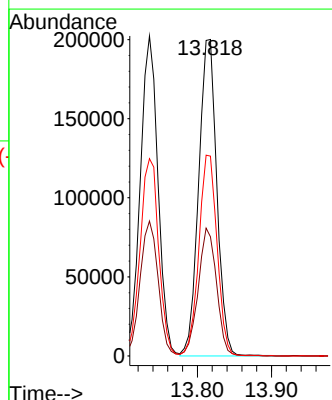
Tgt Ion:146 Resp: 341478

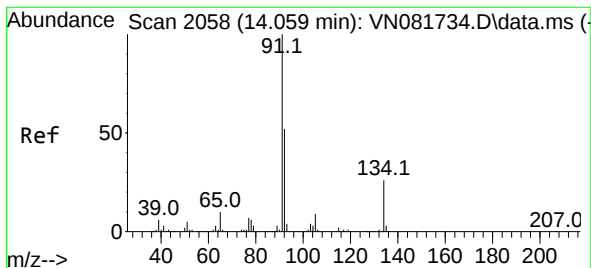
Ion Ratio Lower Upper

146 100

111 40.8 19.3 57.9

148 63.2 31.3 93.9





#89

n-Butylbenzene

Concen: 53.125 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081765.D

Acq: 16 Apr 2024 17:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

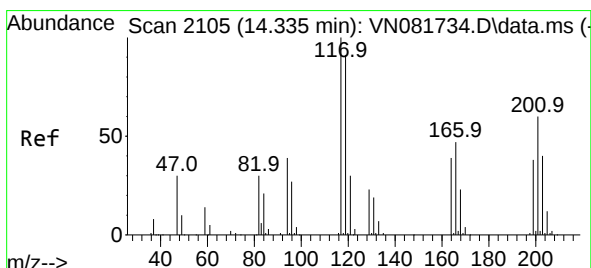
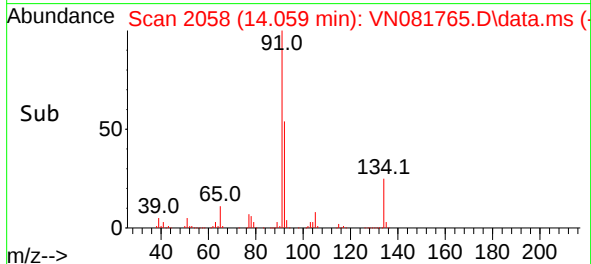
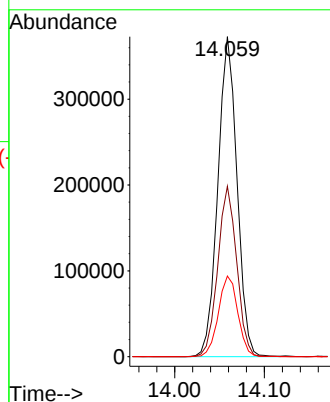
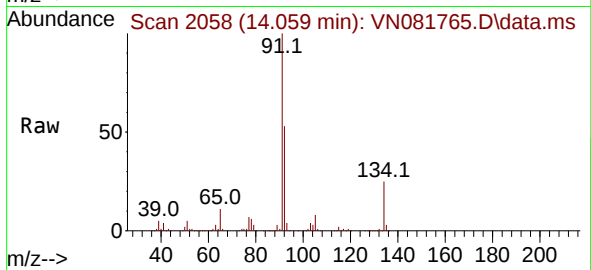
Tgt Ion:	91	Resp:	55264
Ion Ratio	Lower	Upper	
91	100		
92	52.7	26.2	78.5
134	25.6	13.2	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2024

Supervised By :Mahesh Dadoda 04/17/2024



#90

Hexachloroethane

Concen: 47.989 ug/l

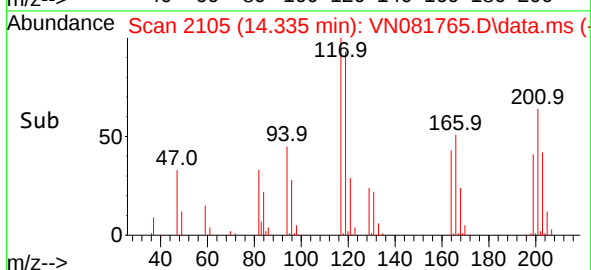
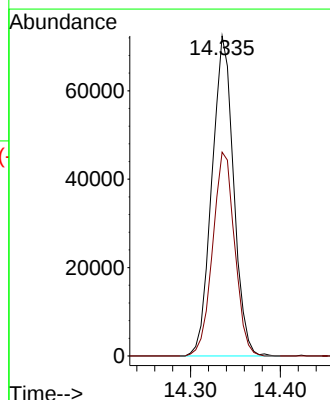
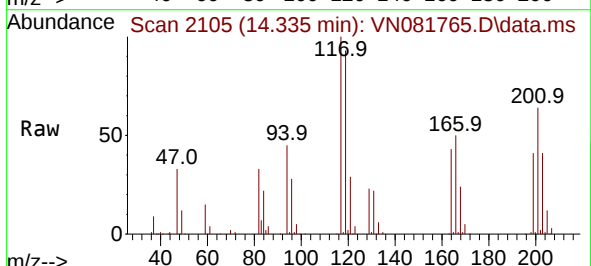
RT: 14.335 min Scan# 2105

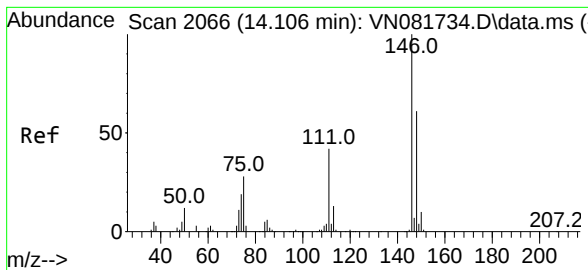
Delta R.T. 0.000 min

Lab File: VN081765.D

Acq: 16 Apr 2024 17:39

Tgt Ion:	117	Resp:	121544
Ion Ratio	Lower	Upper	
117	100		
201	64.6	33.3	99.8





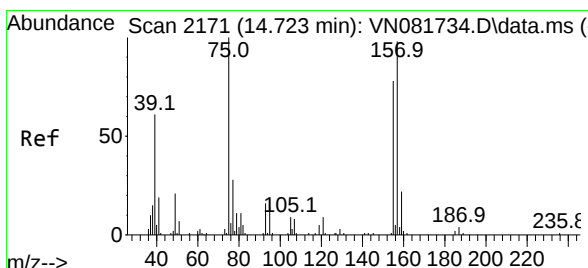
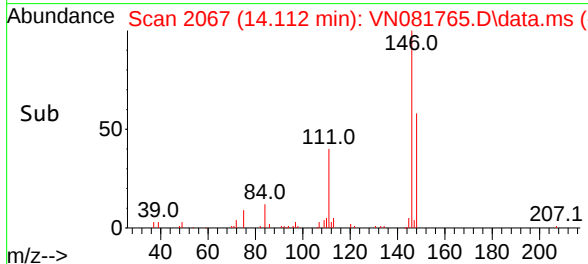
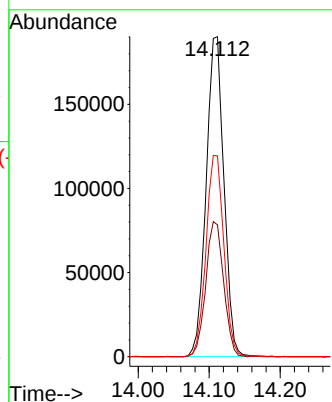
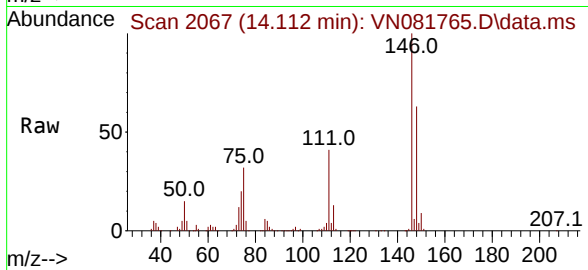
#91
1,2-Dichlorobenzene
Concen: 49.338 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 330840
Ion Ratio Lower Upper
146 100
111 42.5 21.3 64.0
148 63.3 31.8 95.4

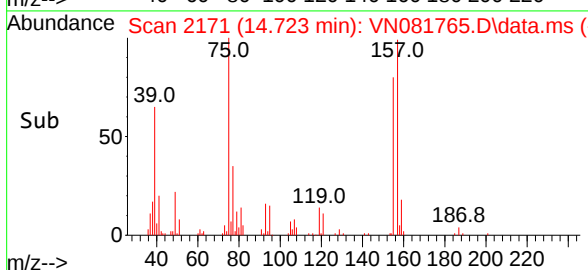
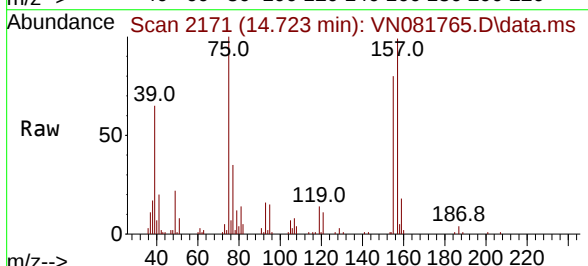
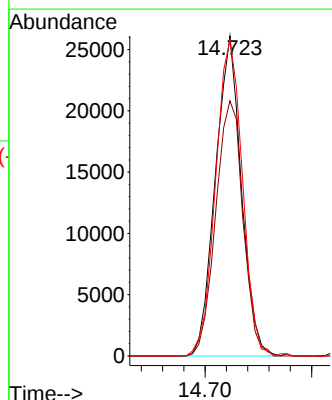
Manual Integrations
APPROVED

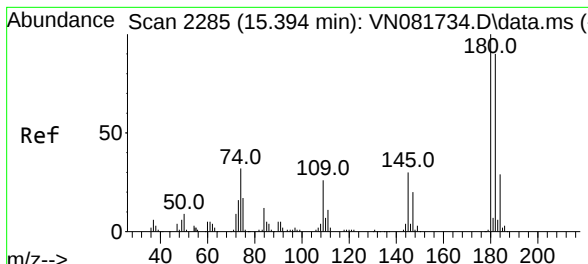
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.819 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

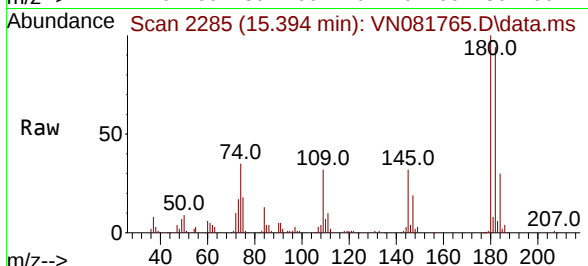
Tgt Ion: 75 Resp: 44071
Ion Ratio Lower Upper
75 100
155 84.0 42.6 128.0
157 102.0 53.0 159.0





#93
1,2,4-Trichlorobenzene
Concen: 50.460 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

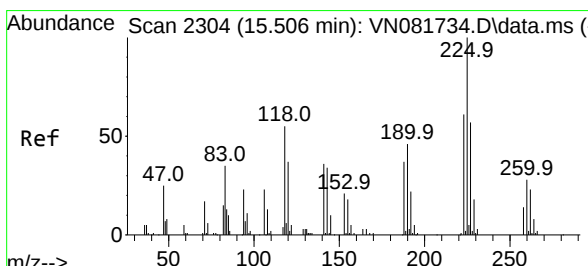
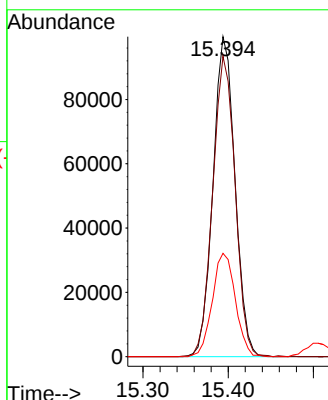
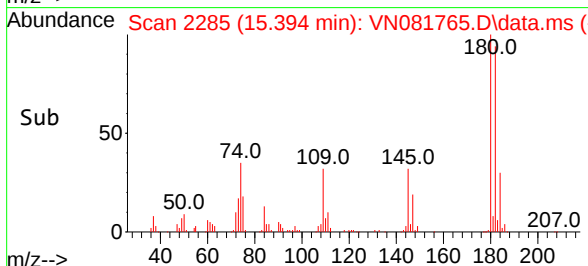
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



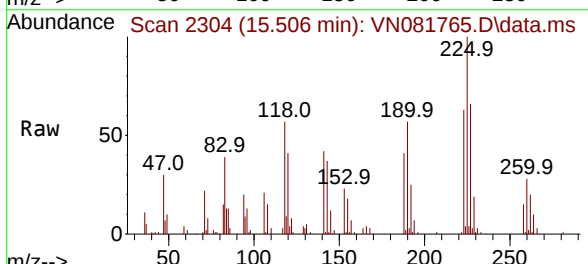
Tgt Ion:180 Resp: 17824
Ion Ratio Lower Upper
180 100
182 95.6 46.7 140.0
145 33.9 16.2 48.6

Manual Integrations
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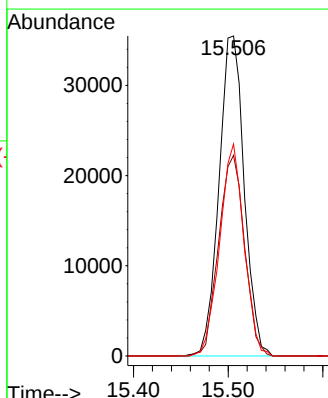
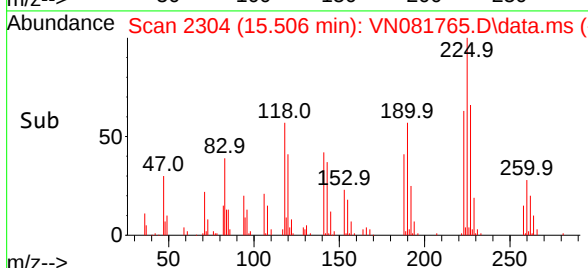
Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024

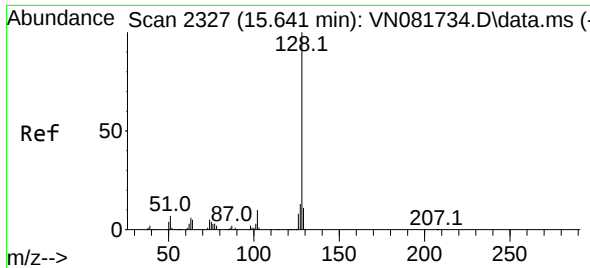


#94
Hexachlorobutadiene
Concen: 43.103 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39



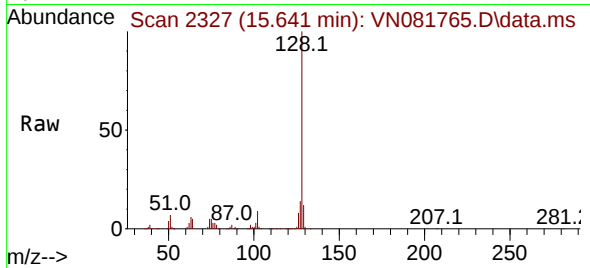
Tgt Ion:225 Resp: 65632
Ion Ratio Lower Upper
225 100
223 64.3 31.1 93.2
227 64.0 30.6 91.6





#95
Naphthalene
Concen: 55.334 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39

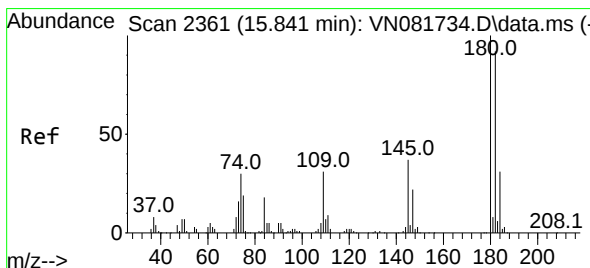
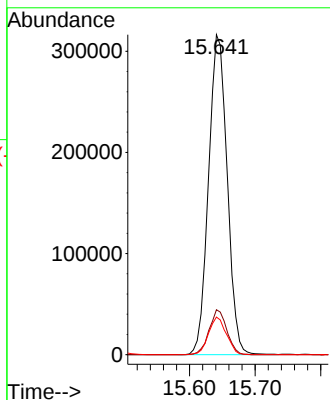
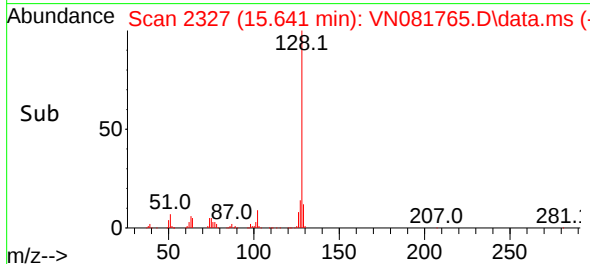
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



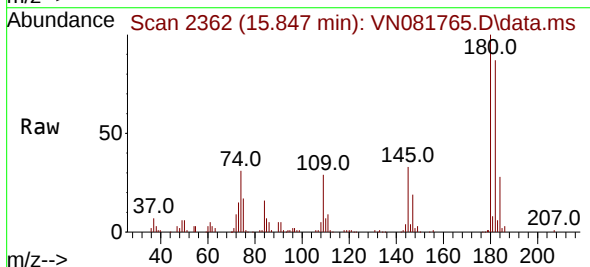
Tgt Ion:128 Resp: 624469
Ion Ratio Lower Upper
128 100
127 13.4 10.1 15.1
129 11.3 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2024
Supervised By :Mahesh Dadoda 04/17/2024



#96
1,2,3-Trichlorobenzene
Concen: 49.767 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN081765.D
Acq: 16 Apr 2024 17:39



Tgt Ion:180 Resp: 179736
Ion Ratio Lower Upper
180 100
182 93.5 46.0 137.8
145 33.9 17.1 51.3

