

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075758.D
 Acq On : 13 Dec 2022 12:03
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

Quant Time: Dec 13 13:06:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	208137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	344707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	319340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	160510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	115543	52.320	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.640%			
35) Dibromofluoromethane	8.171	113	108438	51.561	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.120%			
50) Toluene-d8	10.571	98	410019	51.914	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.820%			
62) 4-Bromofluorobenzene	12.853	95	139852	51.789	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.580%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	67403	44.030	ug/l	99
3) Chloromethane	2.371	50	82198	45.068	ug/l	96
4) Vinyl Chloride	2.530	62	99000	44.189	ug/l	95
5) Bromomethane	2.942	94	88317	46.285	ug/l	93
6) Chloroethane	3.118	64	73737	44.112	ug/l	100
7) Trichlorofluoromethane	3.500	101	155099	47.715	ug/l	97
8) Diethyl Ether	3.971	74	61661	51.888	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	89308	46.816	ug/l	98
10) Methyl Iodide	4.600	142	155309	49.821	ug/l	99
11) Tert butyl alcohol	5.536	59	78323	239.736	ug/l	98
12) 1,1-Dichloroethene	4.353	96	87345	48.986	ug/l	98
13) Acrolein	4.189	56	106462	282.940	ug/l	99
14) Allyl chloride	5.030	41	112299	50.575	ug/l	93
15) Acrylonitrile	5.730	53	219025	259.543	ug/l	100
16) Acetone	4.442	43	162448	217.210	ug/l	100
17) Carbon Disulfide	4.724	76	214791	45.525	ug/l	97
18) Methyl Acetate	5.036	43	112855	46.960	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	316825	52.822	ug/l	99
20) Methylene Chloride	5.283	84	106741	47.876	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	100818	50.596	ug/l	90
22) Diisopropyl ether	6.683	45	275055	54.443	ug/l	97
23) Vinyl Acetate	6.612	43	943270	244.851	ug/l	99
24) 1,1-Dichloroethane	6.577	63	171940	51.702	ug/l	99
25) 2-Butanone	7.488	43	265965	243.269	ug/l	99
26) 2,2-Dichloropropane	7.500	77	112016	39.494	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	123258	50.953	ug/l	99
28) Bromochloromethane	7.824	49	72421	54.466	ug/l	99
29) Tetrahydrofuran	7.841	42	176305	261.629	ug/l	99
30) Chloroform	7.971	83	195204	52.994	ug/l	97
31) Cyclohexane	8.265	56	143858	43.997	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	173563	51.072	ug/l	99
36) 1,1-Dichloropropene	8.377	75	135214	48.419	ug/l	98
37) Ethyl Acetate	7.565	43	108800	48.525	ug/l	98
38) Carbon Tetrachloride	8.365	117	153708	47.698	ug/l	97
39) Methylcyclohexane	9.606	83	168800	47.668	ug/l	100
40) Benzene	8.612	78	429963	50.169	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	59957	52.151	ug/l	98
42) 1,2-Dichloroethane	8.677	62	143455	50.038	ug/l	99
43) Isopropyl Acetate	8.688	43	193570	51.713	ug/l	99
44) Trichloroethene	9.353	130	116089	48.015	ug/l	95
45) 1,2-Dichloropropane	9.624	63	104419	51.228	ug/l	96
46) Dibromomethane	9.712	93	79269	51.799	ug/l	99
47) Bromodichloromethane	9.888	83	156434	52.136	ug/l	95
48) Methyl methacrylate	9.682	41	90527	52.511	ug/l	99
49) 1,4-Dioxane	9.700	88	42379	1011.264	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	578947	250.833	ug/l	99
52) Toluene	10.635	92	294203	51.936	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	156024	52.651	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	169448	51.395	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	114788	51.537	ug/l	98
56) Ethyl methacrylate	10.876	69	162561	53.865	ug/l	99
57) 1,3-Dichloropropane	11.165	76	185020	51.395	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	255130	286.317	ug/l	100
59) 2-Hexanone	11.200	43	424819	253.339	ug/l	100
60) Dibromochloromethane	11.359	129	131589	53.691	ug/l	100
61) 1,2-Dibromoethane	11.470	107	117876	50.515	ug/l	99
64) Tetrachloroethene	11.106	164	100064	43.018	ug/l	93
65) Chlorobenzene	11.894	112	315806	48.064	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	118939	49.754	ug/l	98
67) Ethyl Benzene	11.965	91	559822	50.365	ug/l	97
68) m/p-Xylenes	12.070	106	451000	100.417	ug/l	99
69) o-Xylene	12.400	106	222242	50.993	ug/l	100
70) Styrene	12.412	104	368106	52.662	ug/l	100
71) Bromoform	12.582	173	94481	52.142	ug/l #	99
73) Isopropylbenzene	12.700	105	566944	49.193	ug/l	99
74) N-amyl acetate	12.494	43	174549	52.126	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	161724	46.714	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	137965m	42.801	ug/l	
77) Bromobenzene	12.982	156	138856	47.910	ug/l	99
78) n-propylbenzene	13.035	91	636682	49.785	ug/l	99
79) 2-Chlorotoluene	13.129	91	385167	48.784	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	480393	49.857	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	41158	42.052	ug/l	97
82) 4-Chlorotoluene	13.129	91	385167	48.784	ug/l	99
83) tert-Butylbenzene	13.441	119	426105	48.765	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	489201	50.515	ug/l	100
85) sec-Butylbenzene	13.617	105	593755	49.429	ug/l	100
86) p-Isopropyltoluene	13.729	119	502441	49.989	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	258928	47.771	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	259963	47.152	ug/l	100
89) n-Butylbenzene	14.059	91	403356	50.070	ug/l	98
90) Hexachloroethane	14.335	117	89702	52.103	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	262128	48.601	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	29349	51.590	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	133053	51.383	ug/l	99
94) Hexachlorobutadiene	15.500	225	67234	45.763	ug/l	99
95) Naphthalene	15.641	128	383019	50.047	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	128181	50.378	ug/l	97

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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

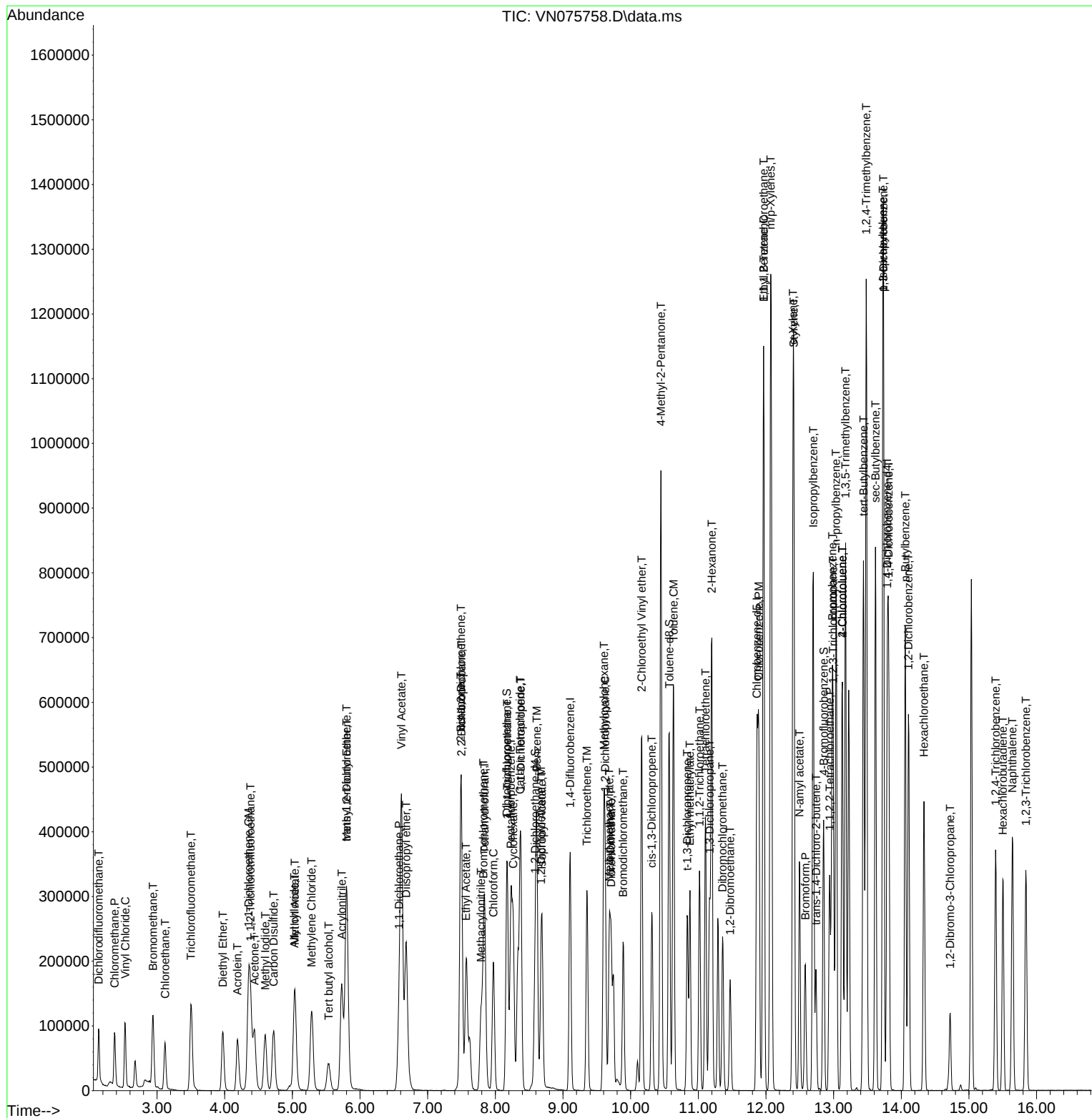
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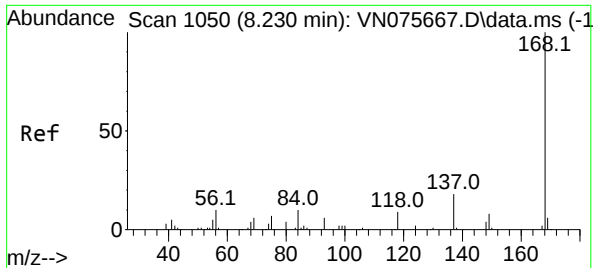
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075758.D
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Instrument :

MSVOA_N

ClientSampleId :

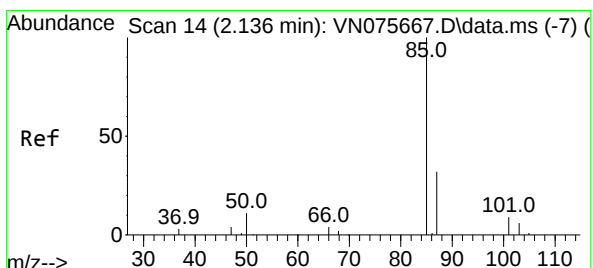
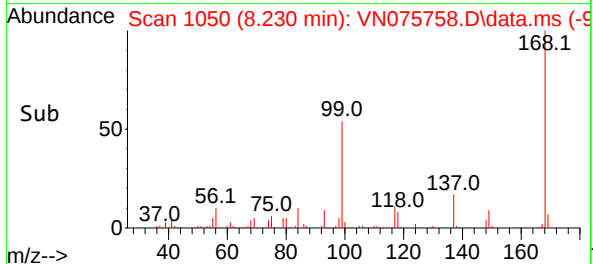
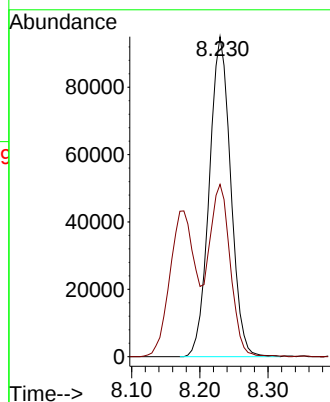
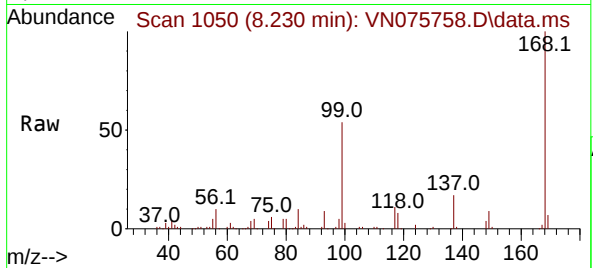
VSTDCCC050EC

Tgt Ion:168 Resp: 20813
Ion Ratio Lower Upper
168 100
99 53.6 41.2 61.8

Manual Integrations

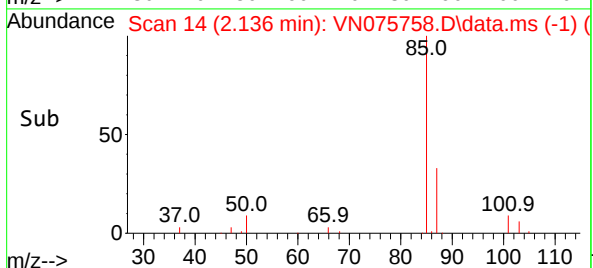
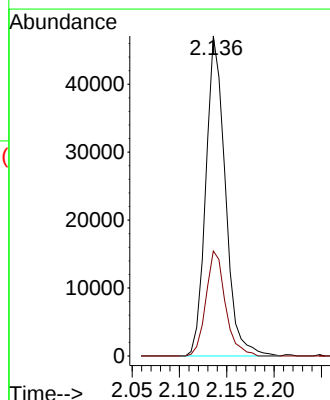
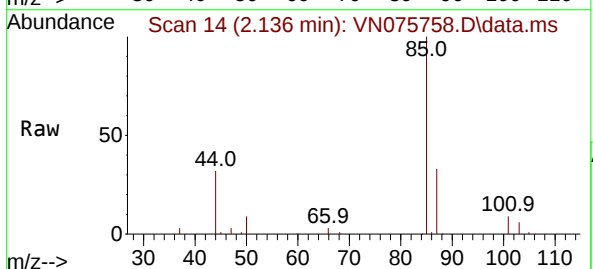
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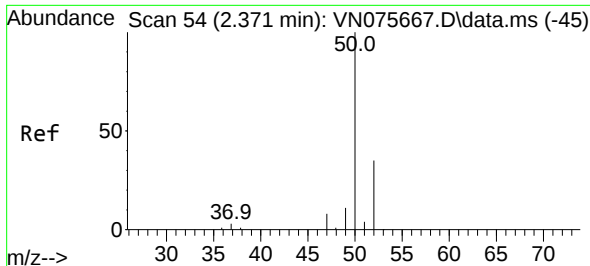
Reviewed By :Krupa Patel 12/13/2022
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#2
Dichlorodifluoromethane
Concen: 44.030 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

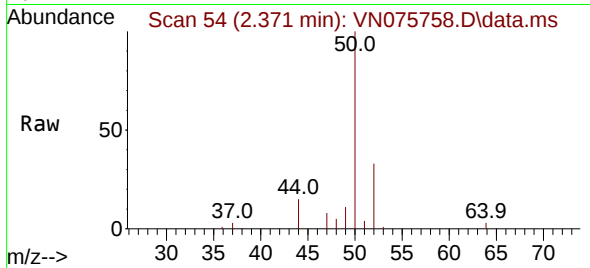
Tgt Ion: 85 Resp: 67403
Ion Ratio Lower Upper
85 100
87 32.8 16.1 48.2





#3
Chloromethane
Concen: 45.068 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

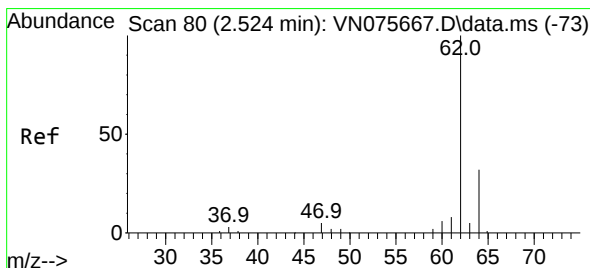
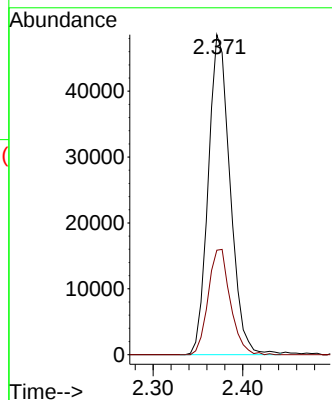
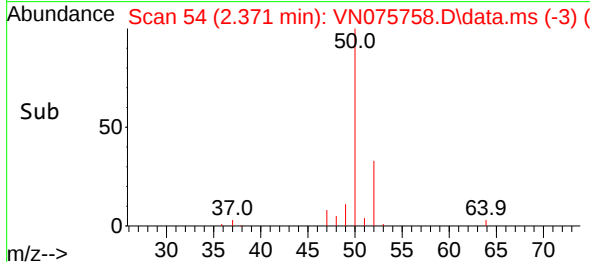
Instrument :
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Tgt Ion: 50 Resp: 82198
Ion Ratio Lower Upper
50 100
52 32.7 27.9 41.9

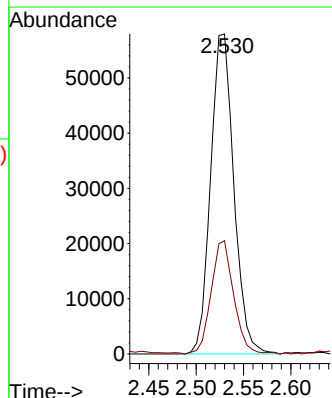
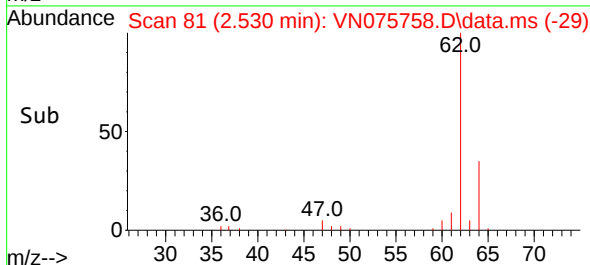
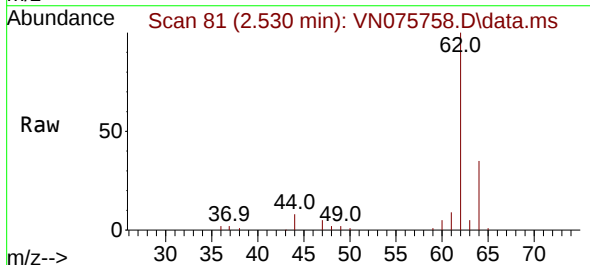
Manual Integrations
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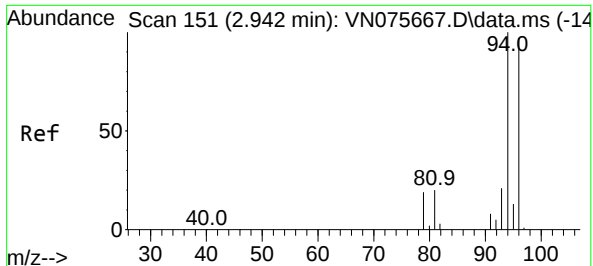
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#4
Vinyl Chloride
Concen: 44.189 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

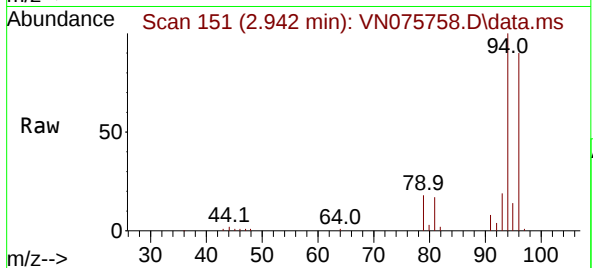
Tgt Ion: 62 Resp: 99000
Ion Ratio Lower Upper
62 100
64 35.4 25.9 38.9





#5
Bromomethane
Concen: 46.285 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

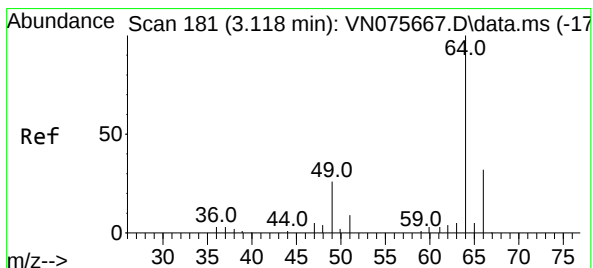
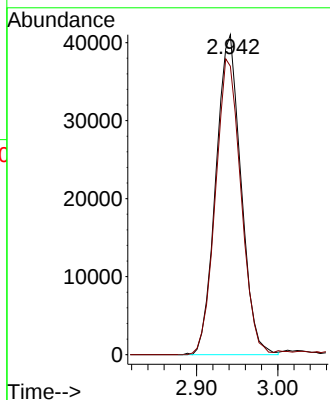
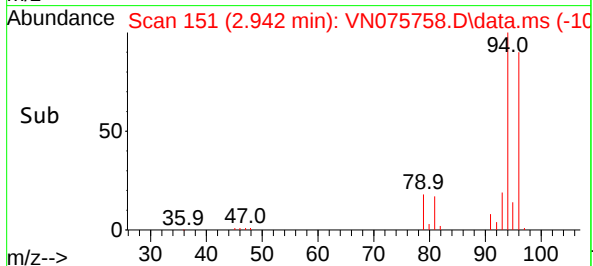
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Tgt Ion: 94 Resp: 8831
Ion Ratio Lower Upper
94 100
96 90.1 77.6 116.4

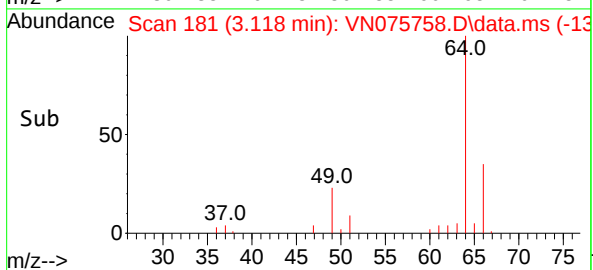
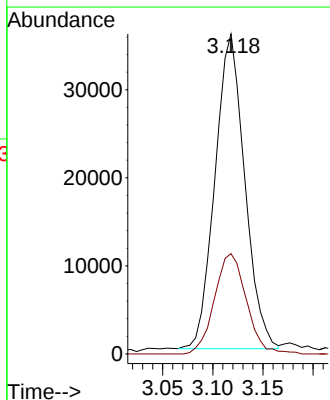
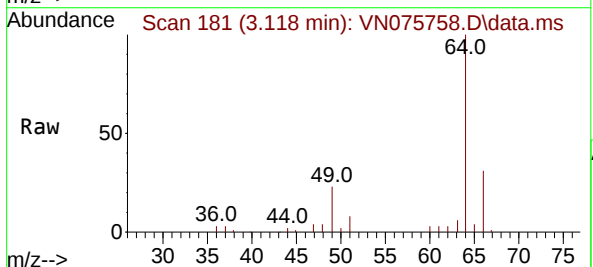
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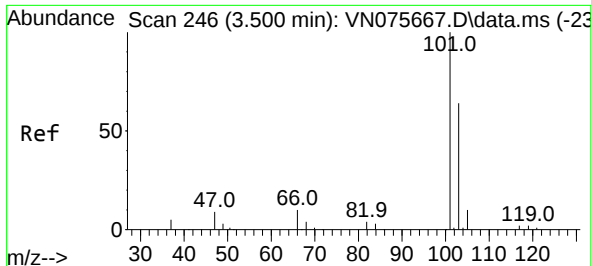
Reviewed By :Krupa Patel 12/13/2022
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#6
Chloroethane
Concen: 44.112 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

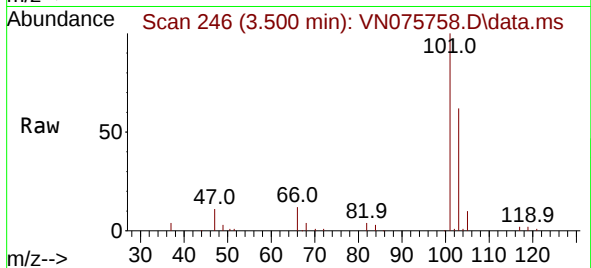
Tgt Ion: 64 Resp: 73737
Ion Ratio Lower Upper
64 100
66 31.9 25.7 38.5





#7
Trichlorofluoromethane
Concen: 47.715 ug/l
RT: 3.500 min Scan# 246
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

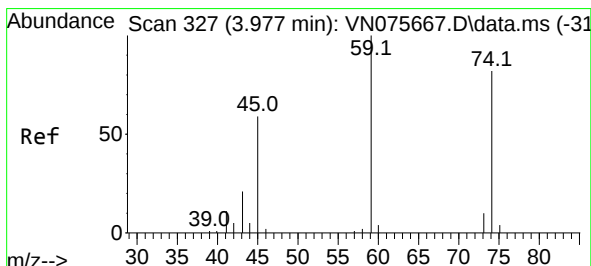
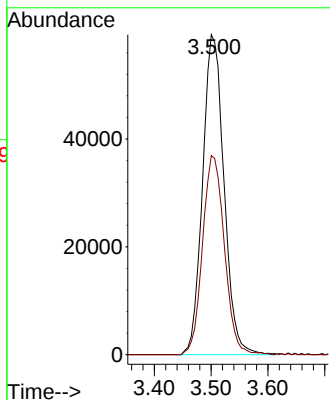
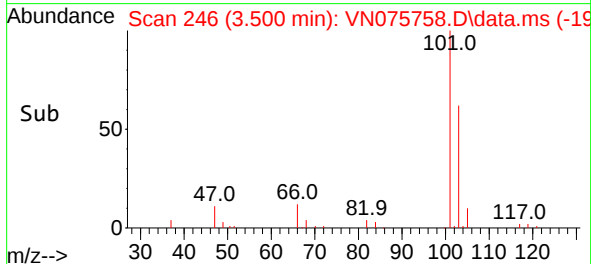
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Tgt Ion:101 Resp: 155099
Ion Ratio Lower Upper
101 100
103 62.3 51.4 77.2

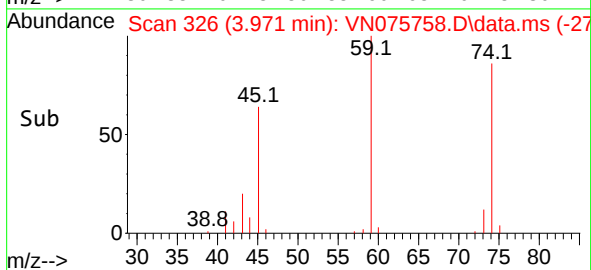
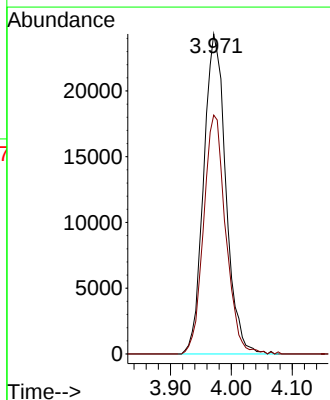
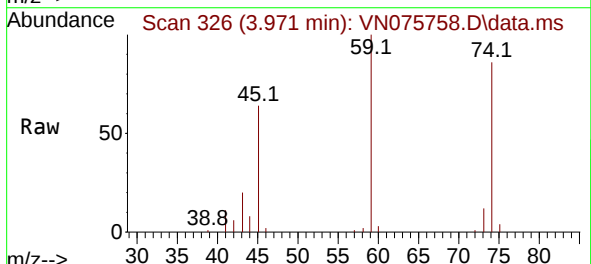
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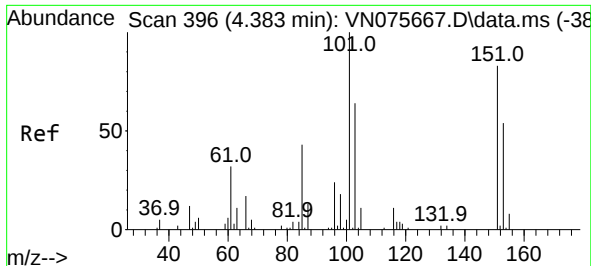
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#8
Diethyl Ether
Concen: 51.888 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.006 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Tgt Ion: 74 Resp: 61661
Ion Ratio Lower Upper
74 100
45 74.4 36.8 110.4





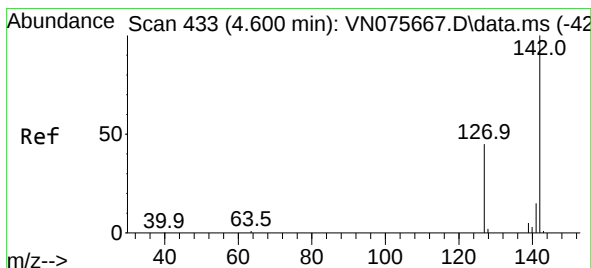
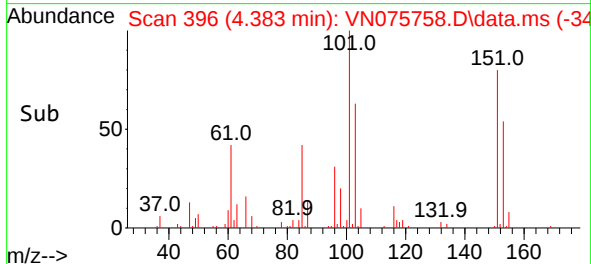
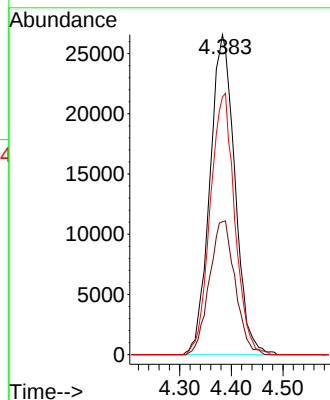
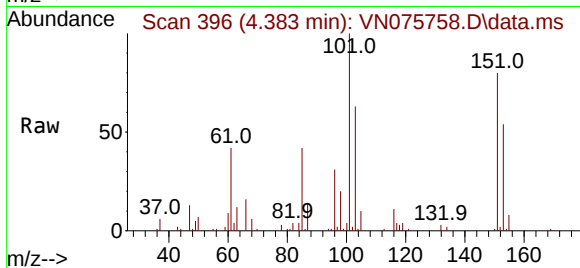
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.816 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 89308
Ion Ratio Lower Upper
101 100
85 42.9 35.3 52.9
151 80.0 65.6 98.4

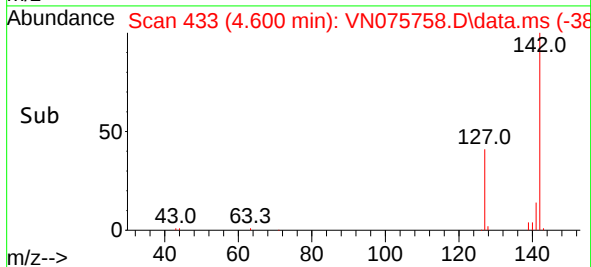
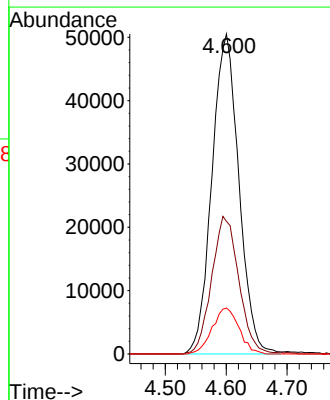
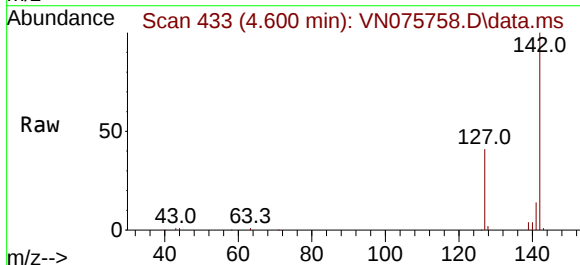
Manual Integrations
APPROVED

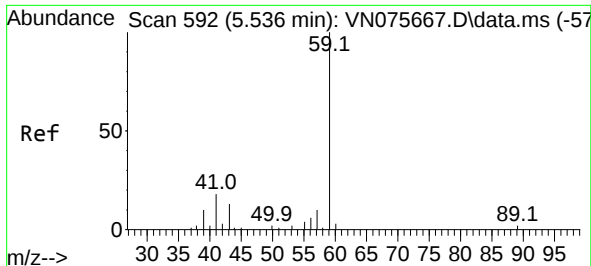
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#10
Methyl Iodide
Concen: 49.821 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Tgt Ion:142 Resp: 155309
Ion Ratio Lower Upper
142 100
127 43.2 35.0 52.4
141 14.3 11.4 17.2





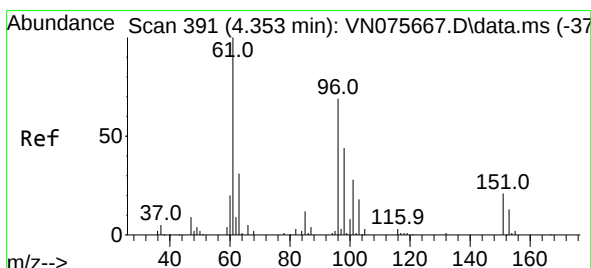
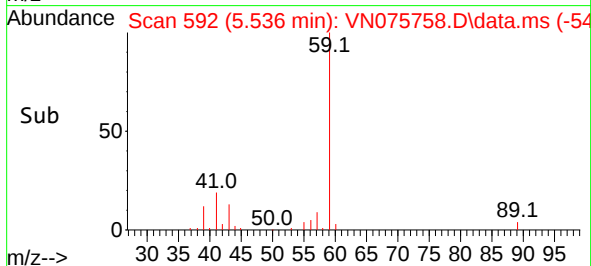
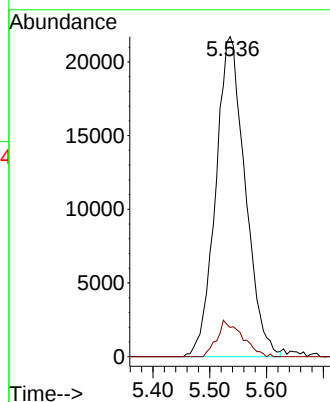
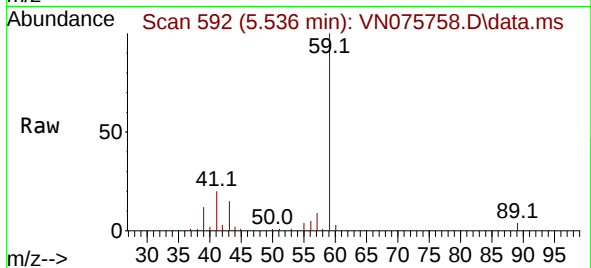
#11
Tert butyl alcohol
Concen: 239.736 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 7832
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

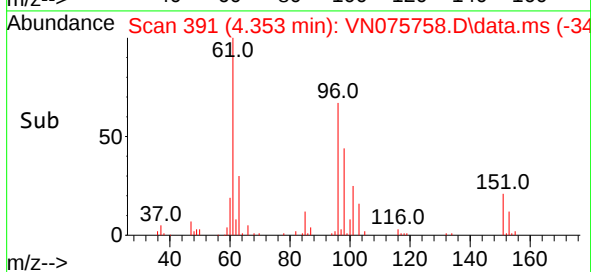
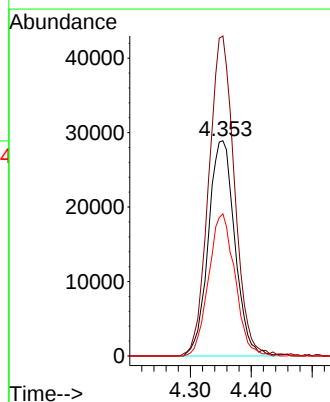
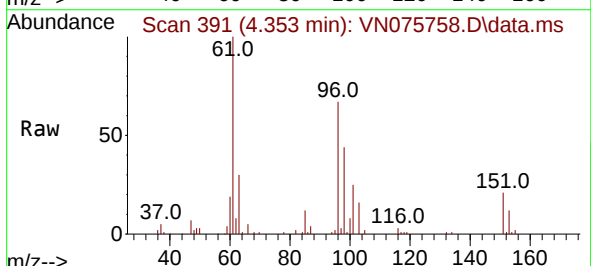
Manual Integrations
APPROVED

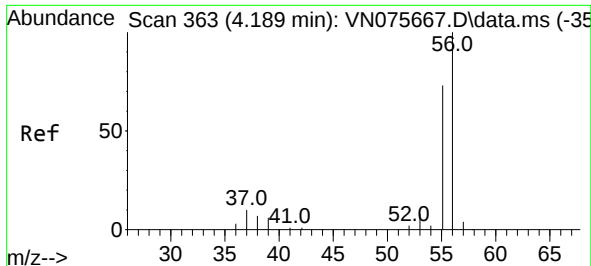
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#12
1,1-Dichloroethene
Concen: 48.986 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

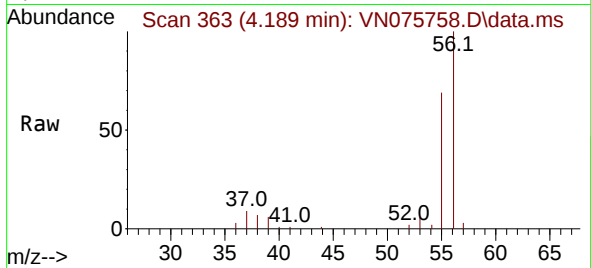
Tgt Ion: 96 Resp: 87345
Ion Ratio Lower Upper
96 100
61 148.7 116.8 175.2
98 66.0 51.6 77.4





#13
Acrolein
Concen: 282.940 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

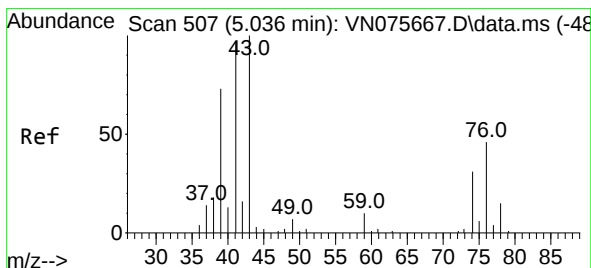
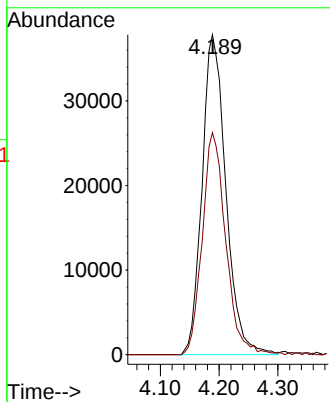
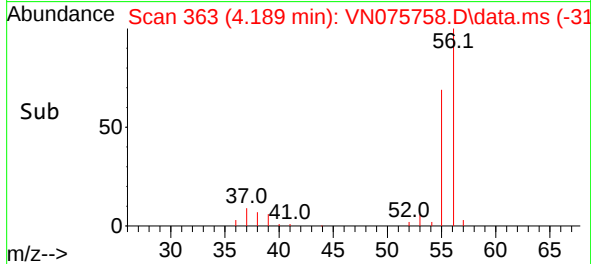
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



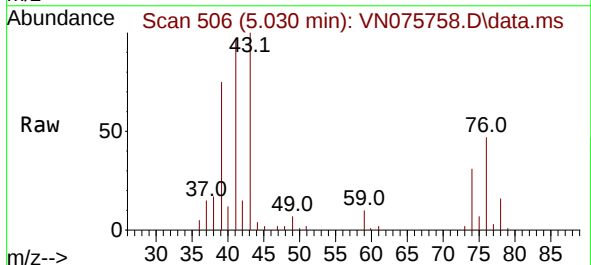
Tgt Ion: 56 Resp: 106462
Ion Ratio Lower Upper
56 100
55 68.4 55.7 83.5

Manual Integrations
APPROVED

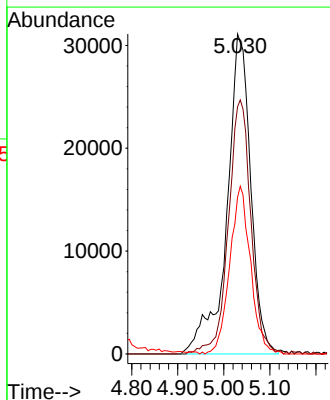
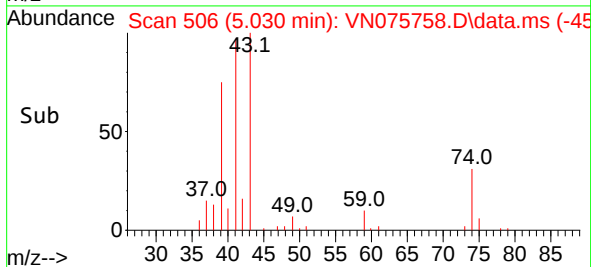
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

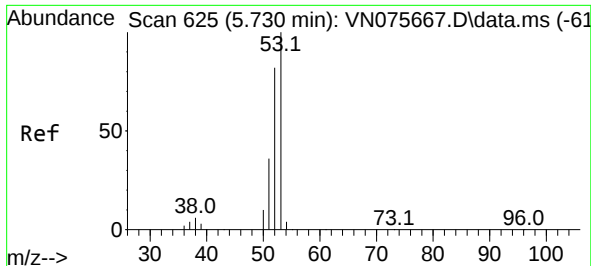


#14
Allyl chloride
Concen: 50.575 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03



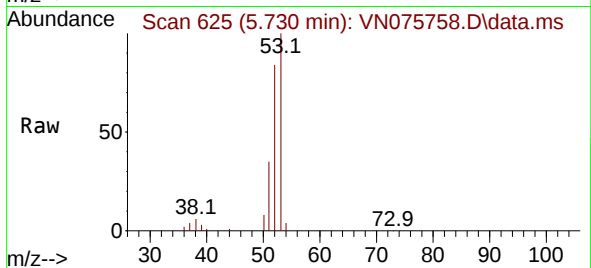
Tgt Ion: 41 Resp: 112299
Ion Ratio Lower Upper
41 100
39 74.6 64.6 96.8
76 45.5 40.9 61.3





#15
Acrylonitrile
Concen: 259.543 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

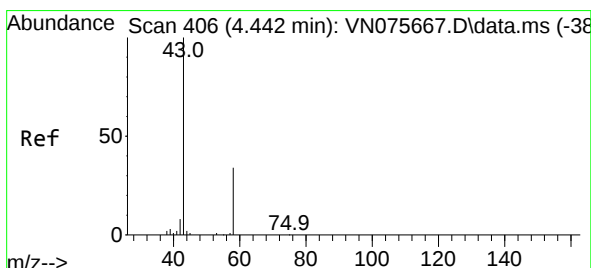
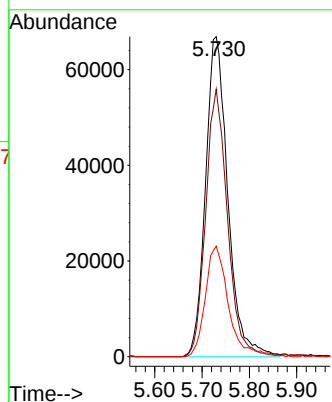
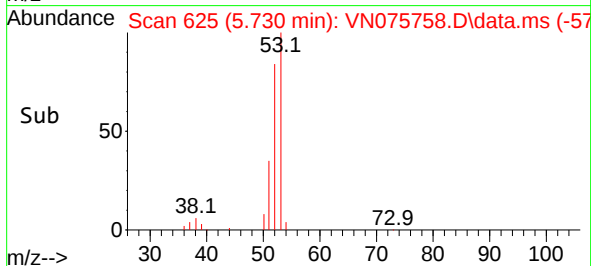
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 219025
Ion Ratio Lower Upper
53 100
52 81.3 65.0 97.4
51 35.7 28.9 43.3

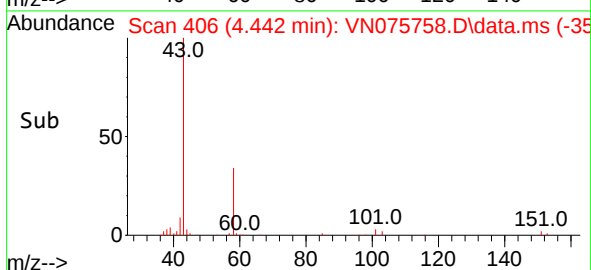
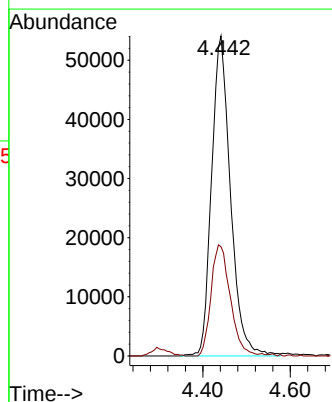
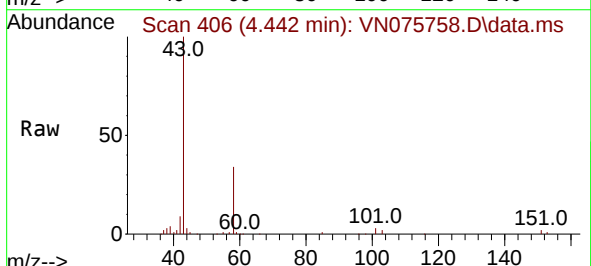
Manual Integrations
APPROVED

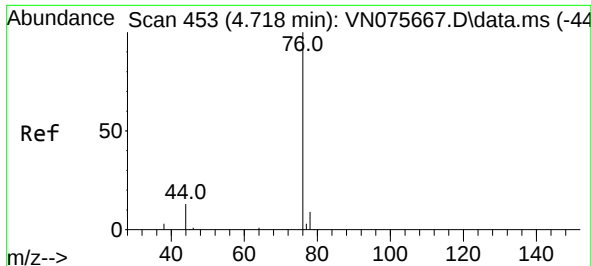
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#16
Acetone
Concen: 217.210 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Tgt Ion: 43 Resp: 162448
Ion Ratio Lower Upper
43 100
58 33.8 27.0 40.4





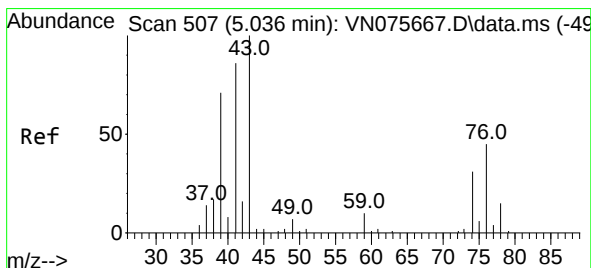
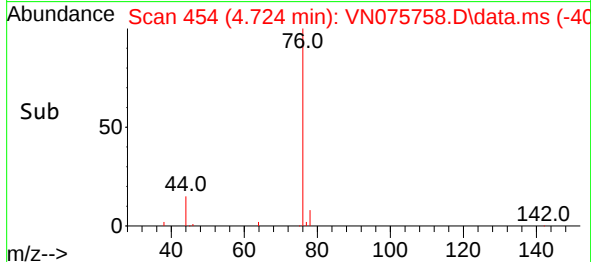
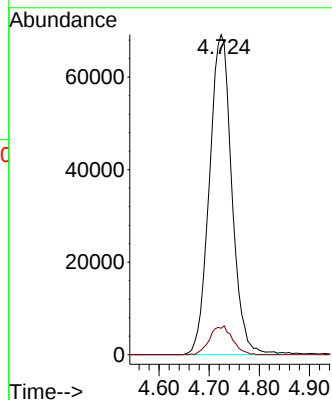
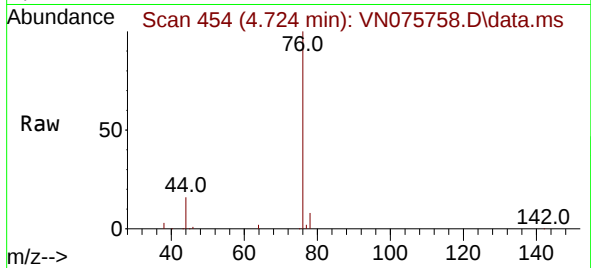
#17
Carbon Disulfide
Concen: 45.525 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 21479
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2

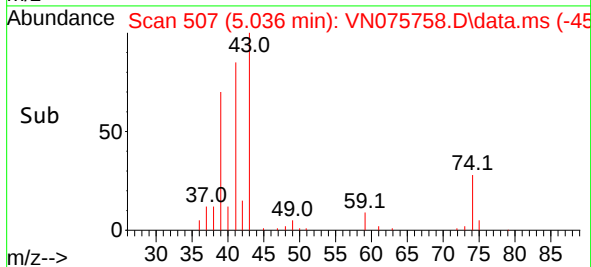
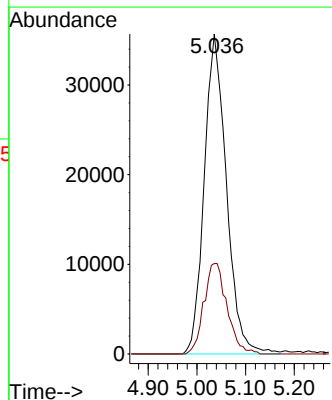
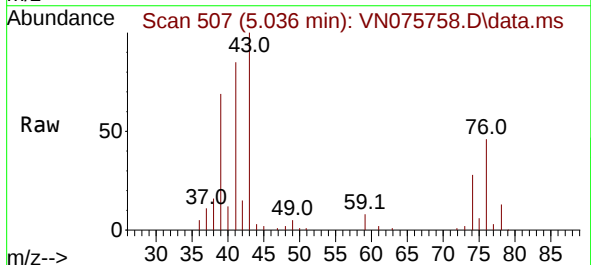
Manual Integrations
APPROVED

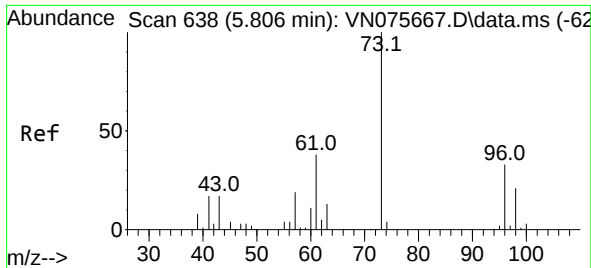
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#18
Methyl Acetate
Concen: 46.960 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Tgt Ion: 43 Resp: 112855
Ion Ratio Lower Upper
43 100
74 29.4 24.5 36.7





#19
Methyl tert-butyl Ether
Concen: 52.822 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_N

ClientSampleId :

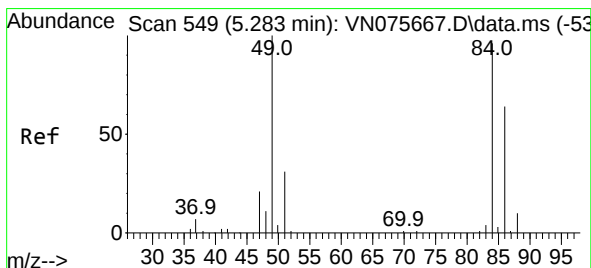
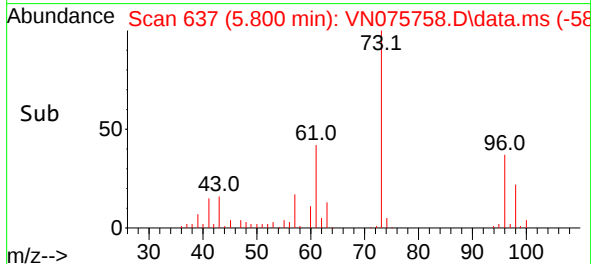
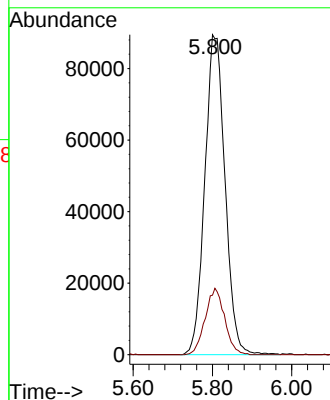
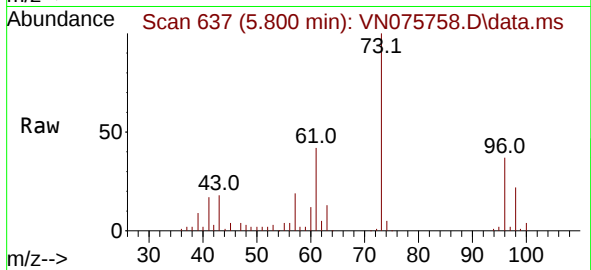
VSTDCCC050EC

Tgt Ion: 73 Resp: 31682
Ion Ratio Lower Upper
73 100
57 18.6 15.1 22.7

Manual Integrations

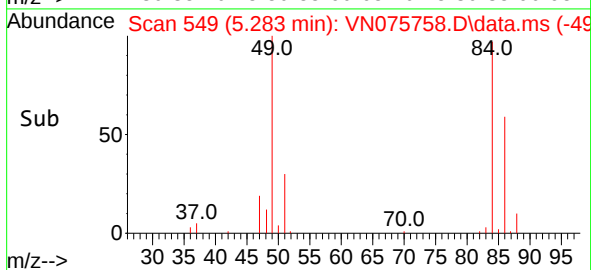
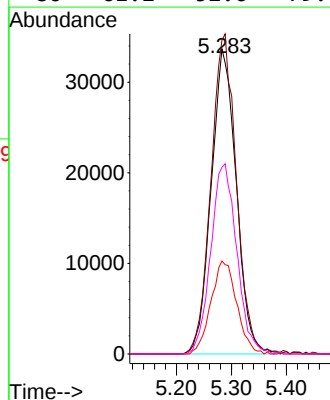
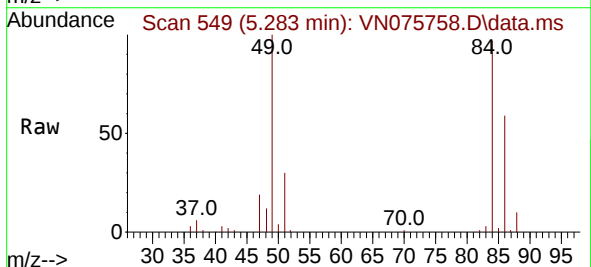
APPROVED

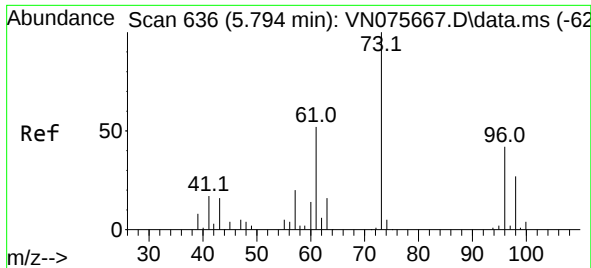
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#20
Methylene Chloride
Concen: 47.876 ug/l
RT: 5.283 min Scan# 549
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Tgt Ion: 84 Resp: 106741
Ion Ratio Lower Upper
84 100
49 102.9 83.0 124.4
51 30.5 26.0 39.0
86 61.2 52.6 79.0





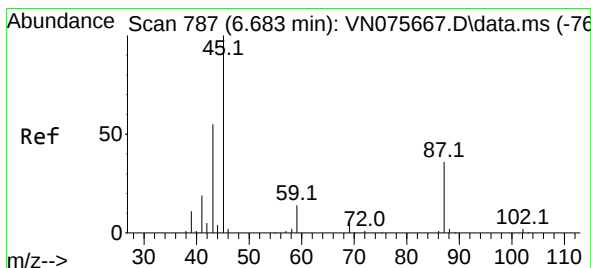
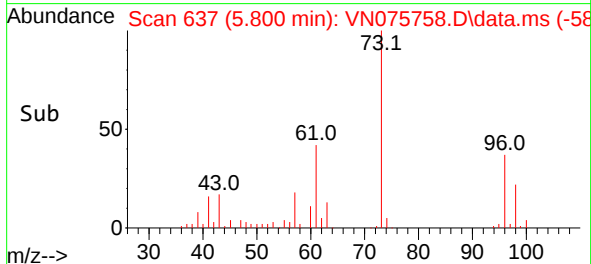
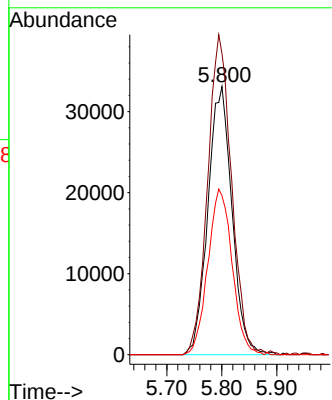
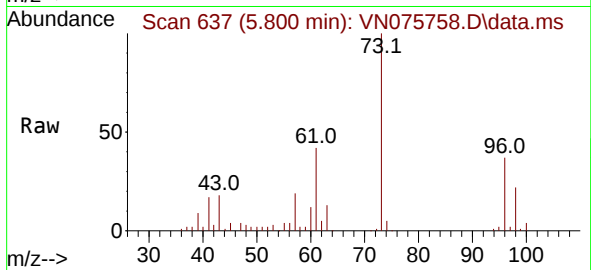
#21
trans-1,2-Dichloroethene
Concen: 50.596 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 100818
Ion Ratio Lower Upper
96 100
61 112.4 100.5 150.7
98 59.3 52.7 79.1

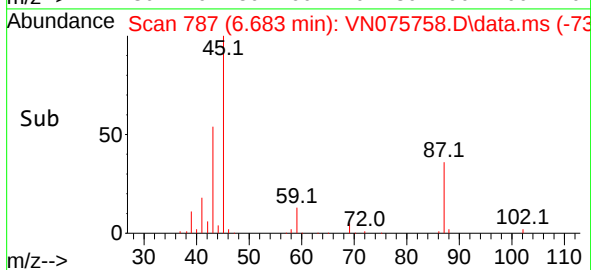
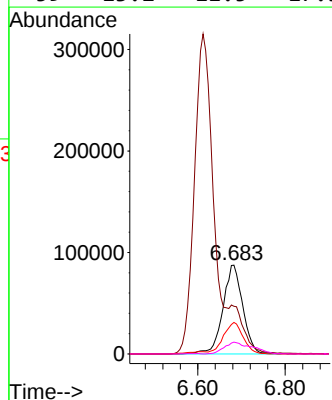
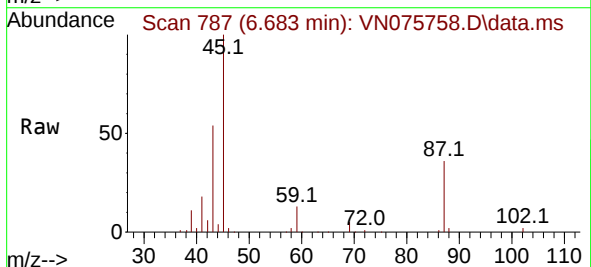
Manual Integrations
APPROVED

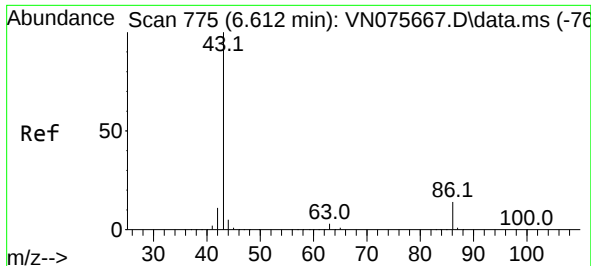
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#22
Diisopropyl ether
Concen: 54.443 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

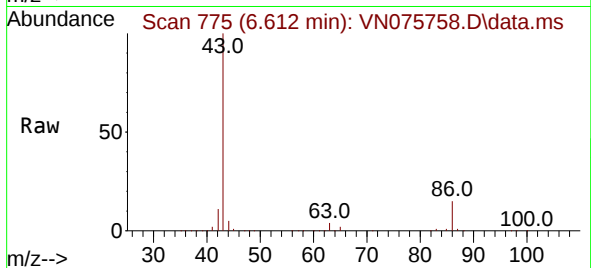
Tgt Ion: 45 Resp: 275055
Ion Ratio Lower Upper
45 100
43 52.5 44.9 67.3
87 35.5 28.8 43.2
59 13.2 11.5 17.3





#23
 Vinyl Acetate
 Concen: 244.851 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075758.D
 Acq: 13 Dec 2022 12:03

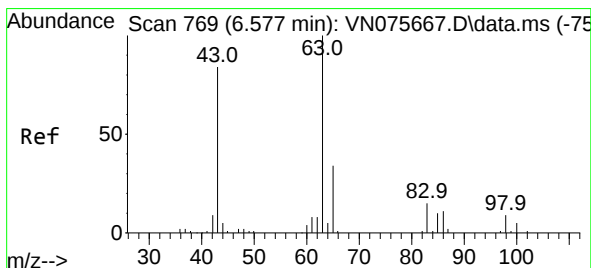
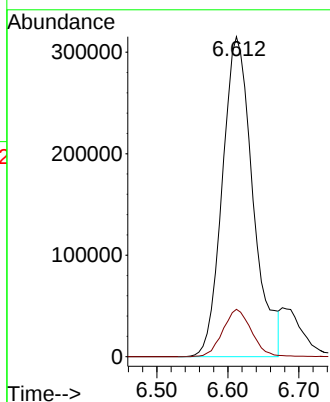
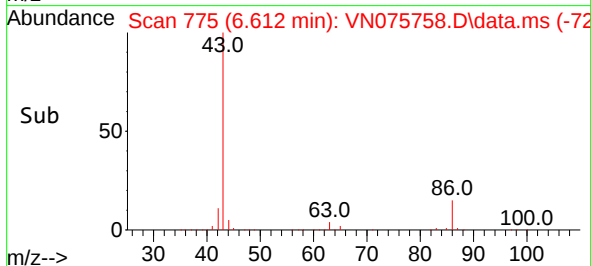
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



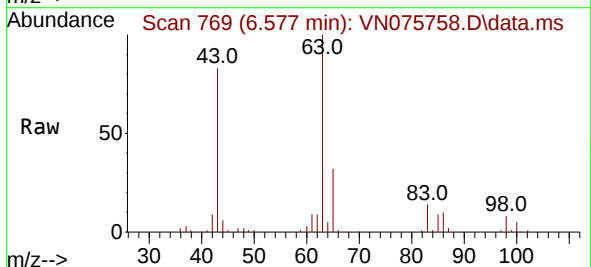
Tgt Ion: 43 Resp: 943270
 Ion Ratio Lower Upper
 43 100
 86 14.8 11.5 17.3

Manual Integrations
 APPROVED

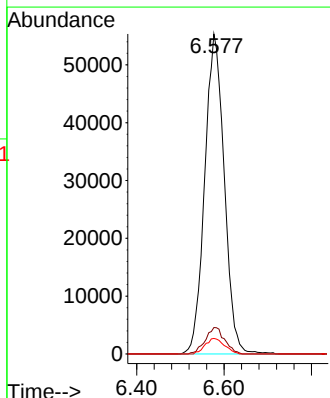
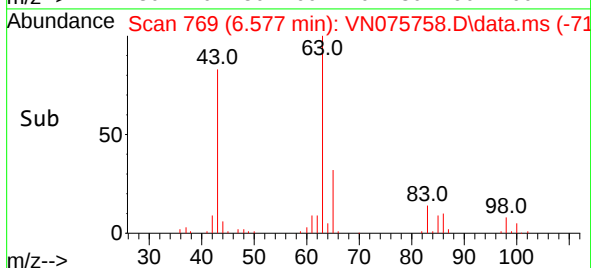
Reviewed By :Krupa Patel 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

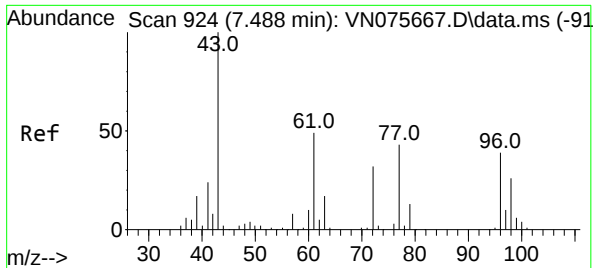


#24
 1,1-Dichloroethane
 Concen: 51.702 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075758.D
 Acq: 13 Dec 2022 12:03



Tgt Ion: 63 Resp: 171940
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.3 12.9
 100 4.8 2.6 7.8





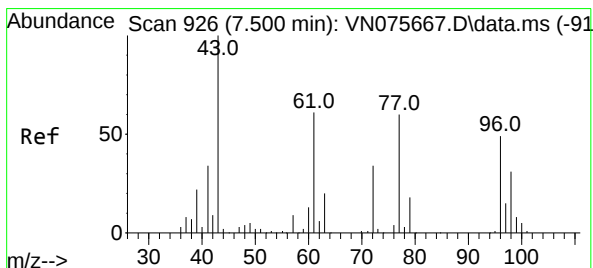
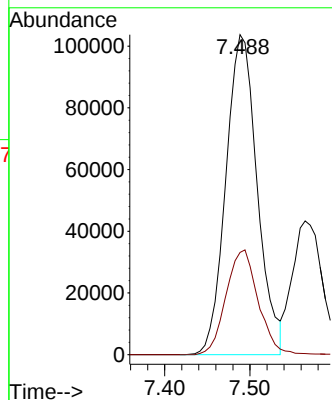
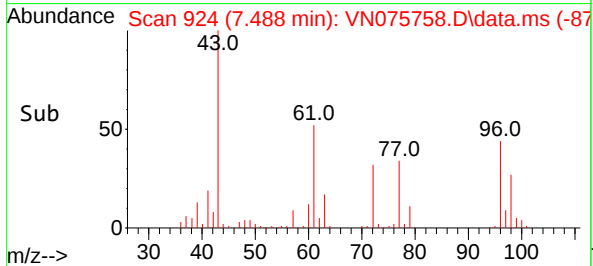
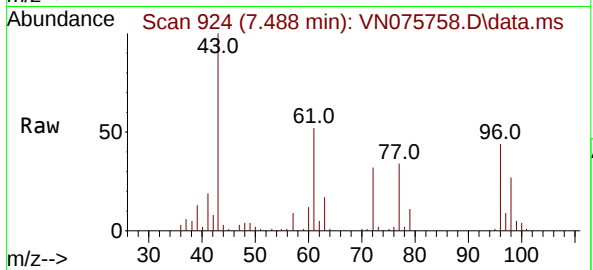
#25
2-Butanone
Concen: 243.269 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 26596
Ion Ratio Lower Upper
43 100
72 31.9 25.3 37.9

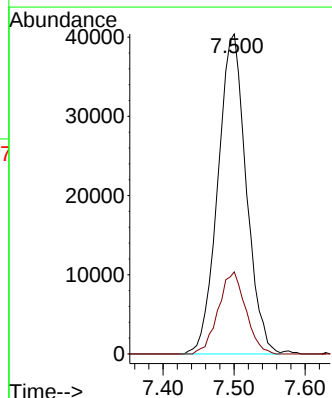
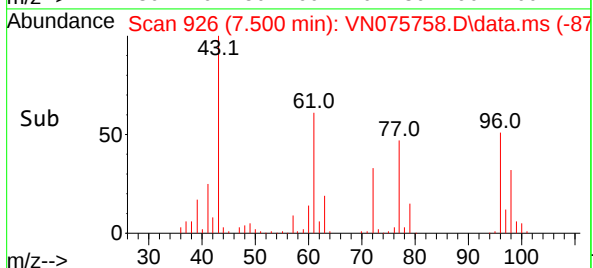
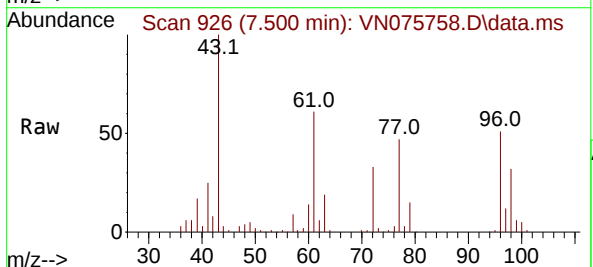
Manual Integrations
APPROVED

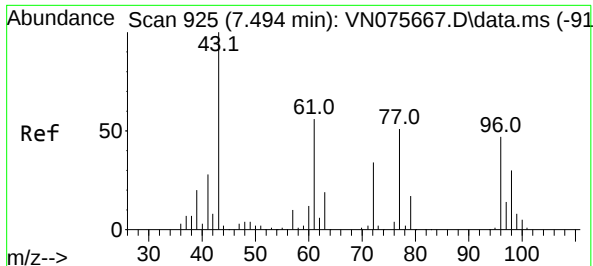
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#26
2,2-Dichloropropane
Concen: 39.494 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Tgt Ion: 77 Resp: 112016
Ion Ratio Lower Upper
77 100
97 24.7 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 50.953 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075758.D

Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 123258

Ion Ratio Lower Upper

96 100

61 122.3 0.0 247.8

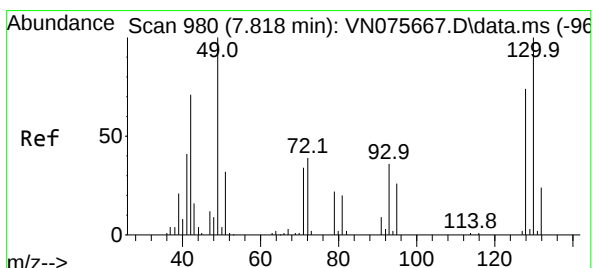
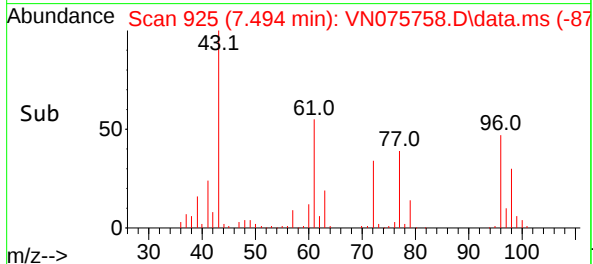
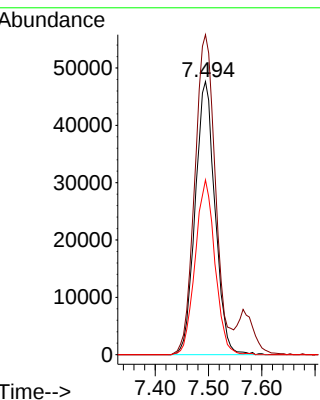
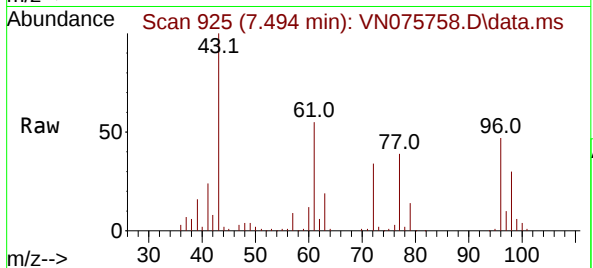
98 63.7 0.0 126.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#28

Bromochloromethane

Concen: 54.466 ug/l

RT: 7.824 min Scan# 981

Delta R.T. 0.006 min

Lab File: VN075758.D

Acq: 13 Dec 2022 12:03

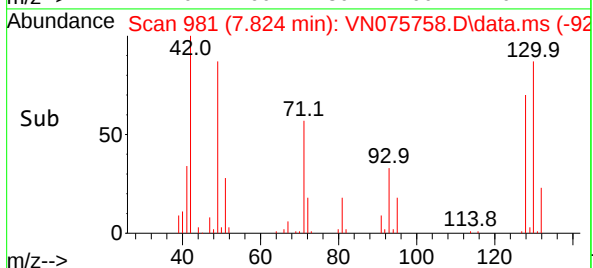
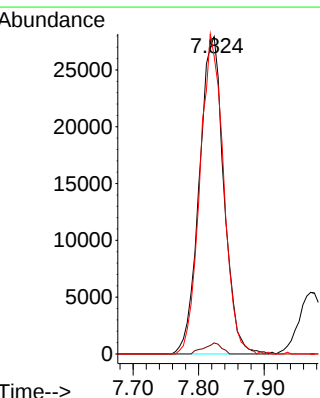
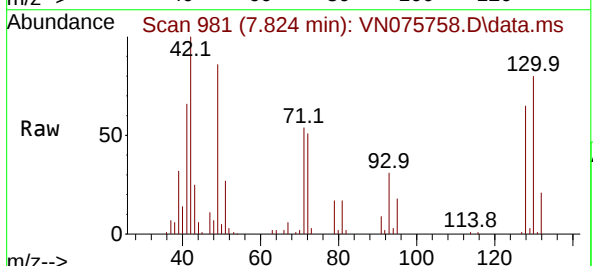
Tgt Ion: 49 Resp: 72421

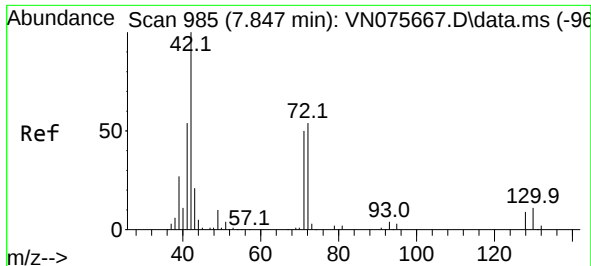
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.4

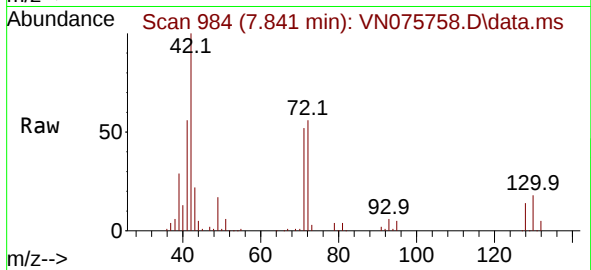
130 96.8 78.5 117.7





#29
Tetrahydrofuran
Concen: 261.629 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.006 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

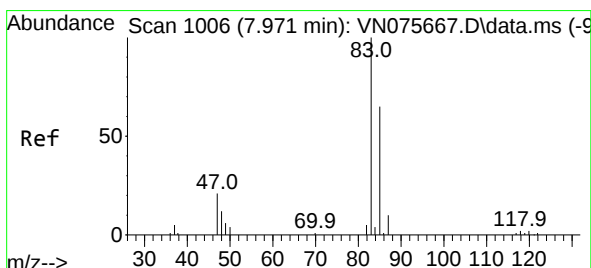
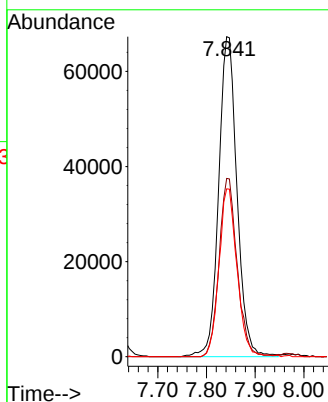
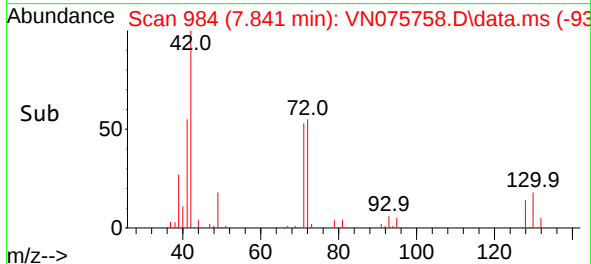
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



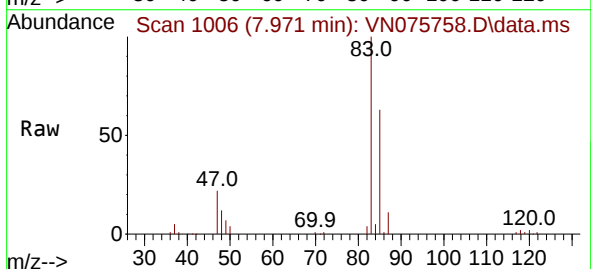
Tgt Ion: 42 Resp: 176309
Ion Ratio Lower Upper
42 100
72 54.7 44.6 67.0
71 51.6 41.2 61.8

Manual Integrations
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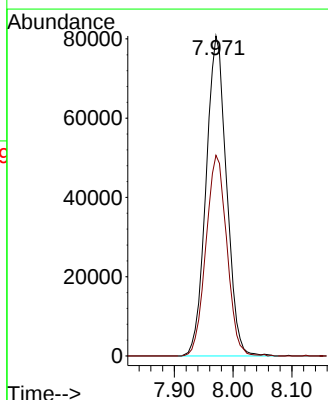
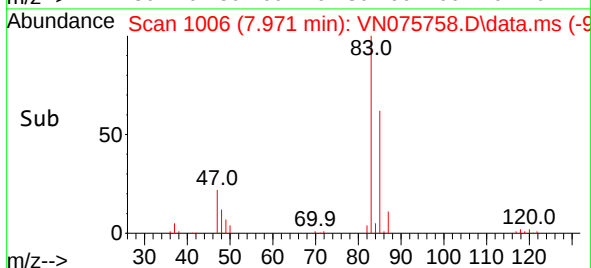
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

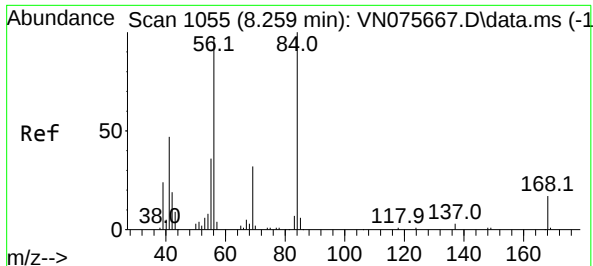


#30
Chloroform
Concen: 52.994 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03



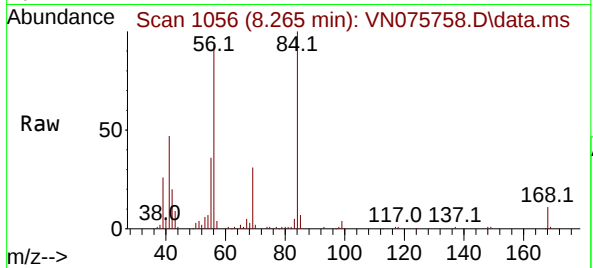
Tgt Ion: 83 Resp: 195204
Ion Ratio Lower Upper
83 100
85 62.7 51.8 77.6





#31
Cyclohexane
Concen: 43.997 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

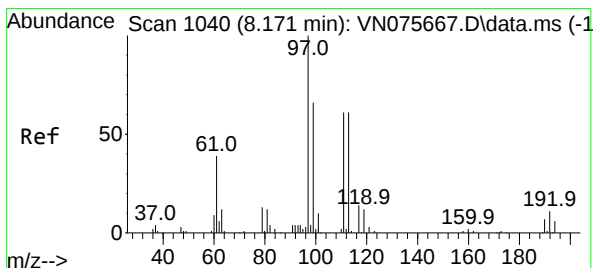
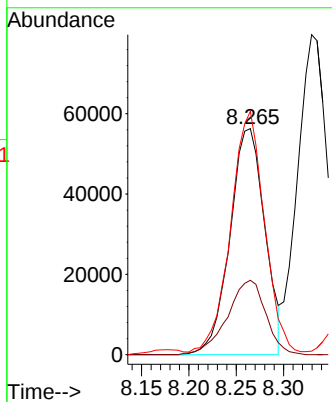
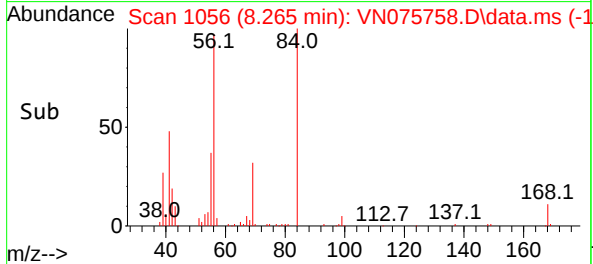
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



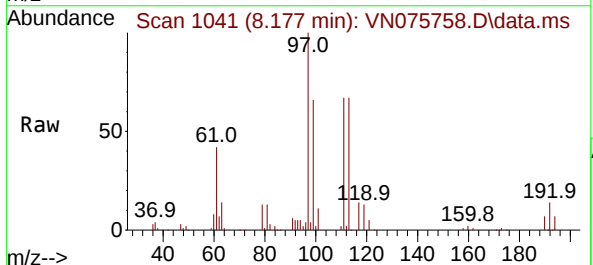
Tgt Ion: 56 Resp: 14385
Ion Ratio Lower Upper
56 100
69 32.9 26.2 39.2
84 105.6 82.8 124.2

Manual Integrations
APPROVED

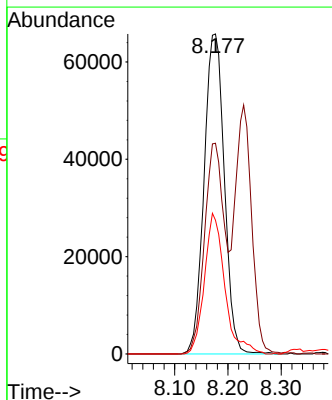
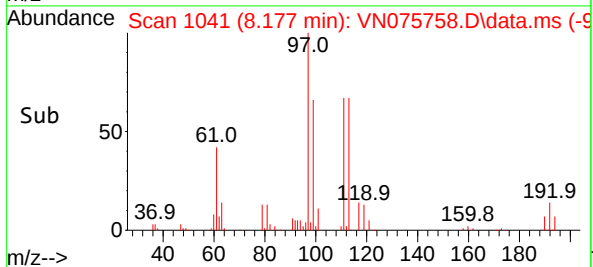
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

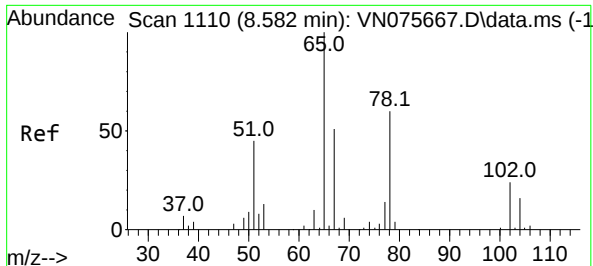


#32
1,1,1-Trichloroethane
Concen: 51.072 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03



Tgt Ion: 97 Resp: 173563
Ion Ratio Lower Upper
97 100
99 63.5 51.2 76.8
61 44.1 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 52.320 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075758.D

Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 11554

Ion Ratio Lower Upper

65 100

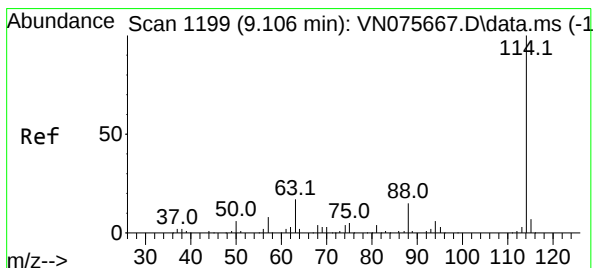
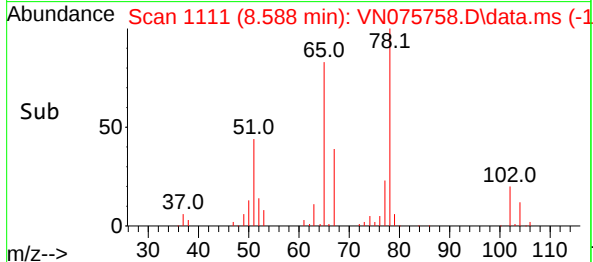
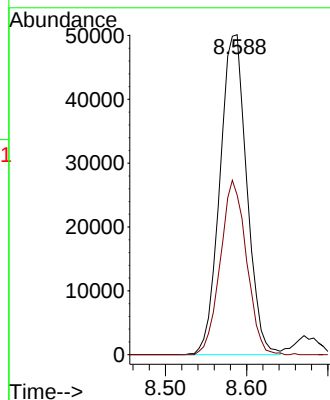
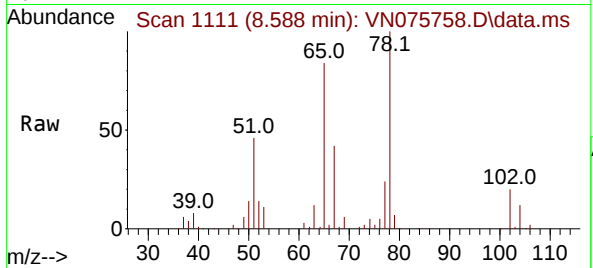
67 52.9 0.0 104.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075758.D

Acq: 13 Dec 2022 12:03

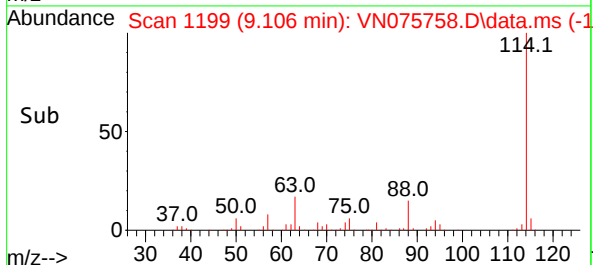
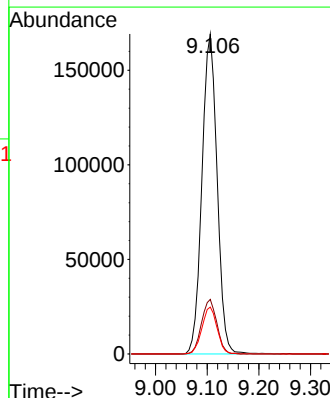
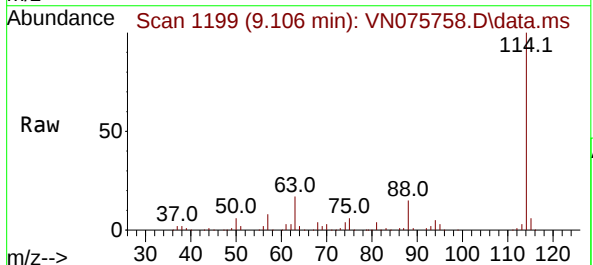
Tgt Ion:114 Resp: 344707

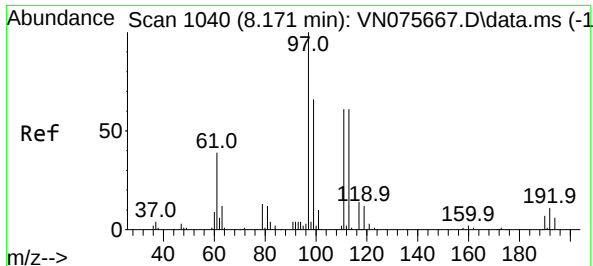
Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.4

88 14.7 0.0 29.2





#35

Dibromofluoromethane

Concen: 51.561 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075758.D

Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 108438

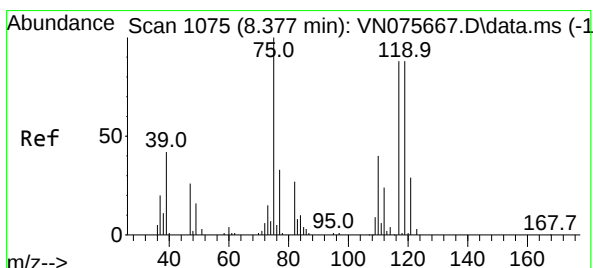
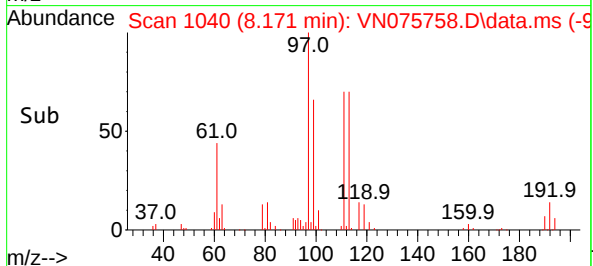
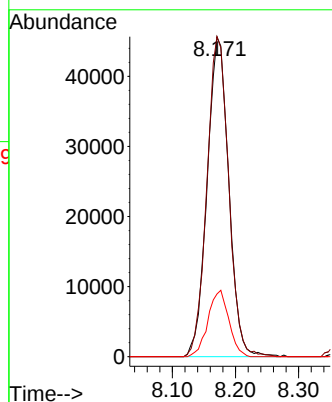
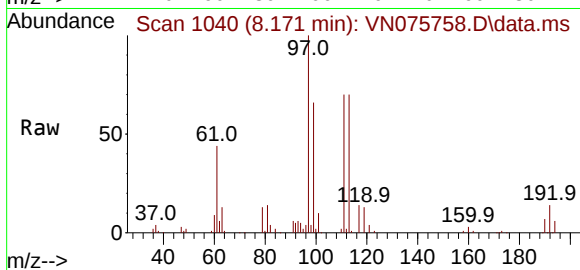
Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.0	121.6
192	20.0	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#36

1,1-Dichloropropene

Concen: 48.419 ug/l

RT: 8.377 min Scan# 1075

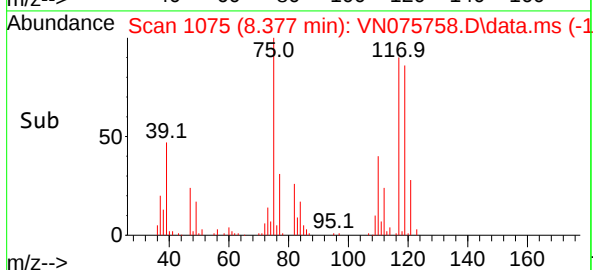
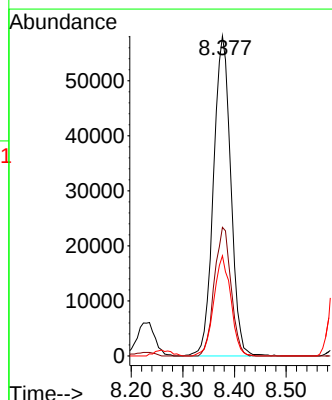
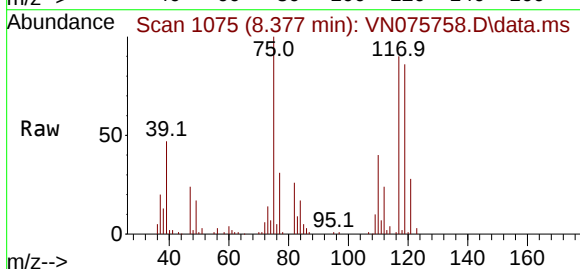
Delta R.T. 0.000 min

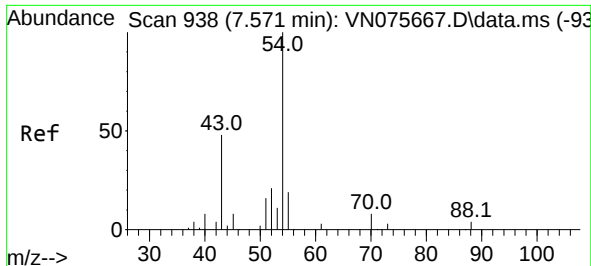
Lab File: VN075758.D

Acq: 13 Dec 2022 12:03

Tgt Ion: 75 Resp: 135214

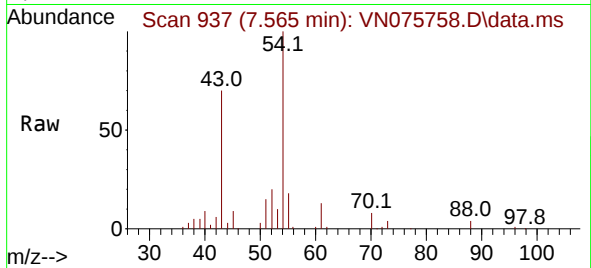
Ion	Ratio	Lower	Upper
75	100		
110	38.9	18.9	56.9
77	30.8	25.4	38.2





#37
Ethyl Acetate
Concen: 48.525 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

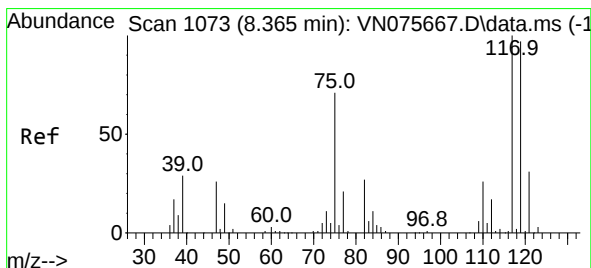
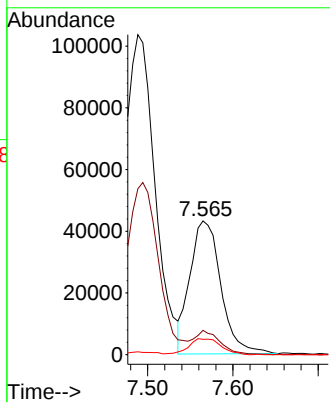
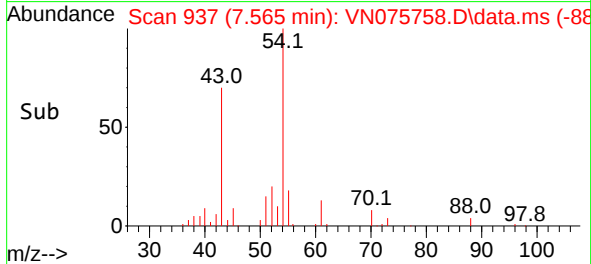
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 108800
Ion Ratio Lower Upper
43 100
61 15.1 13.3 19.9
70 12.5 9.9 14.9

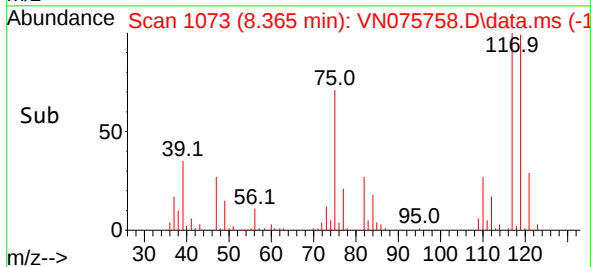
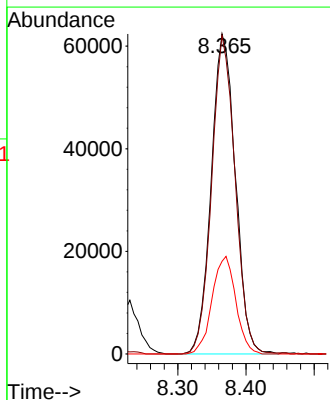
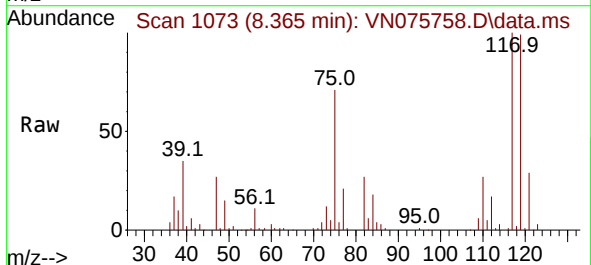
Manual Integrations
APPROVED

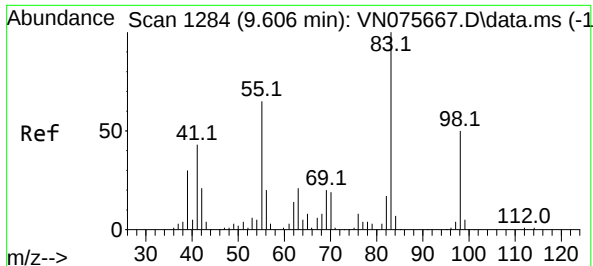
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#38
Carbon Tetrachloride
Concen: 47.698 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Tgt Ion:117 Resp: 153708
Ion Ratio Lower Upper
117 100
119 99.5 77.2 115.8
121 29.0 24.6 37.0





#39

Methylcyclohexane

Concen: 47.668 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.000 min

Lab File: VN075758.D

Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 168800

Ion Ratio Lower Upper

83 100

55 64.7 51.6 77.4

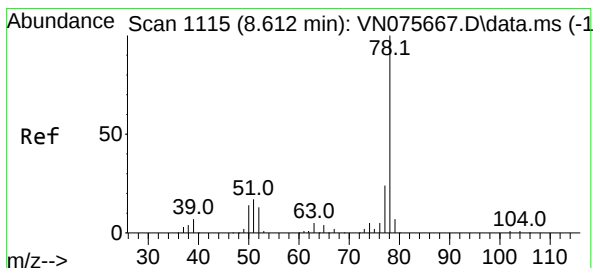
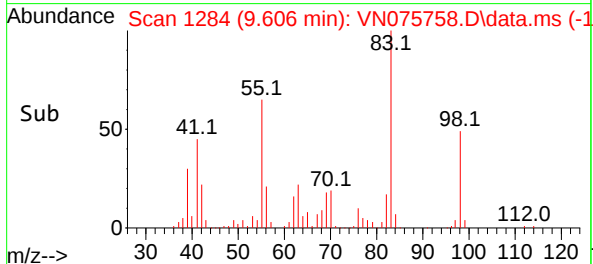
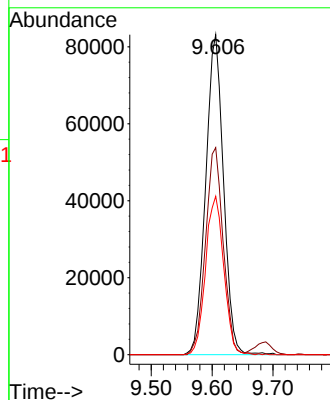
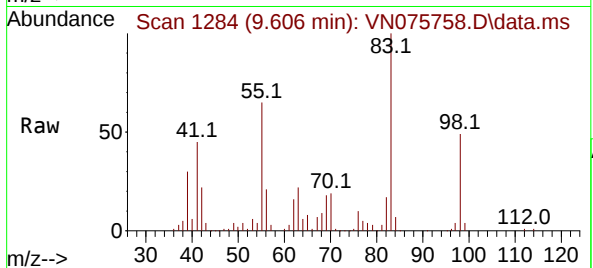
98 49.5 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#40

Benzene

Concen: 50.169 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075758.D

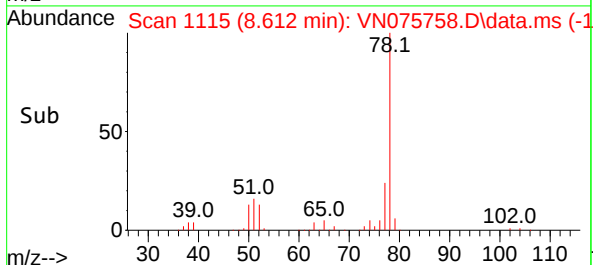
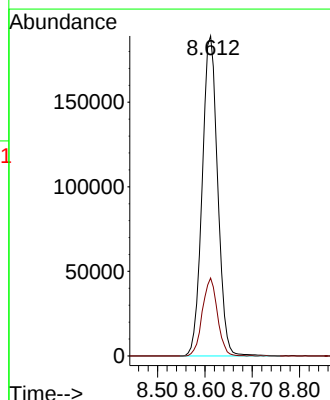
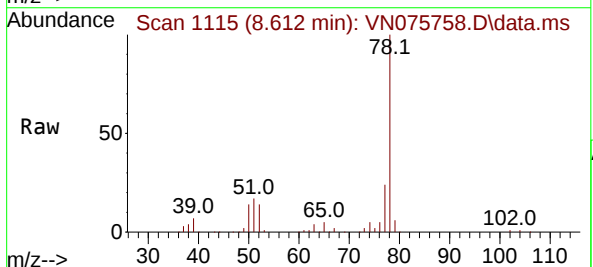
Acq: 13 Dec 2022 12:03

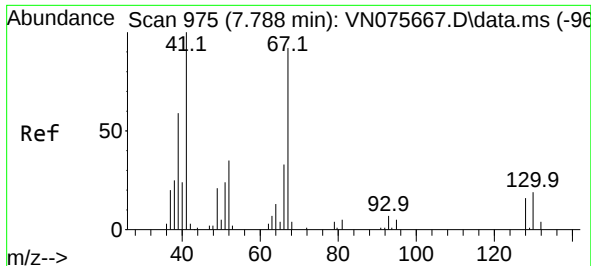
Tgt Ion: 78 Resp: 429963

Ion Ratio Lower Upper

78 100

77 24.3 19.1 28.7





#41
Methacrylonitrile
Concen: 52.151 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_N

ClientSampleId :

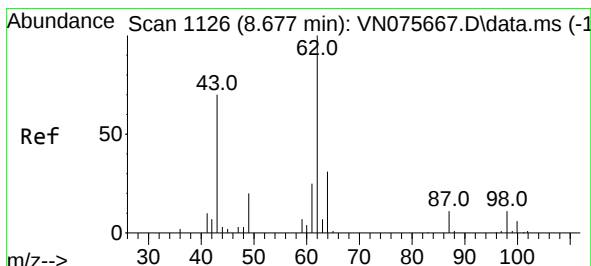
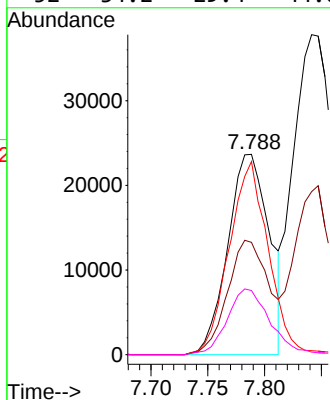
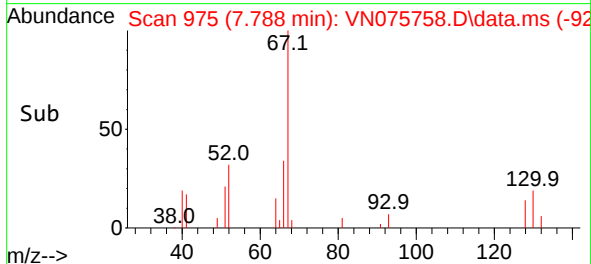
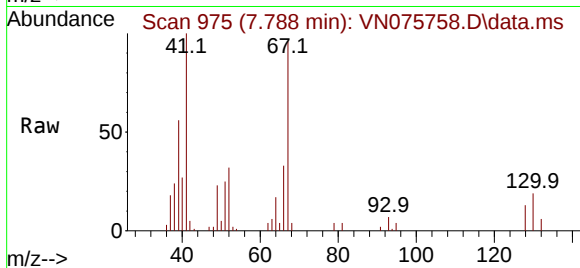
VSTDCCC050EC

Tgt Ion: 41 Resp: 5995
Ion Ratio Lower Upper
41 100
39 56.7 46.3 69.5
67 91.9 74.0 111.0
52 34.2 29.4 44.0

Manual Integrations

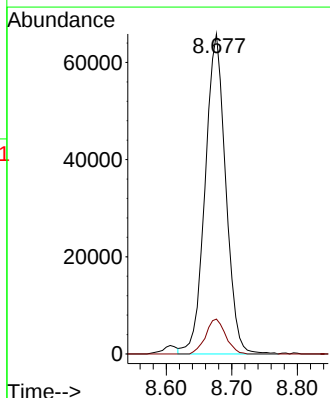
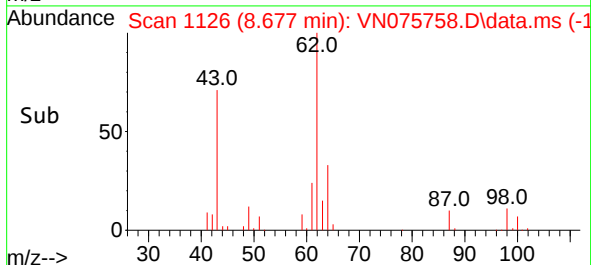
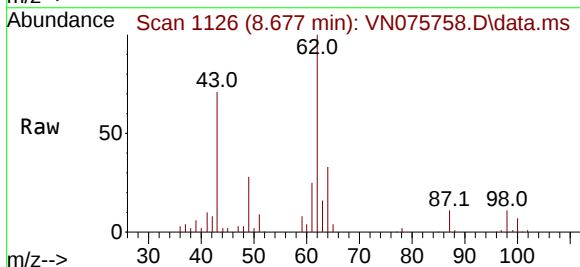
APPROVED

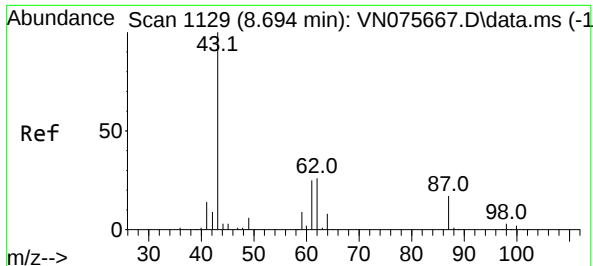
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#42
1,2-Dichloroethane
Concen: 50.038 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

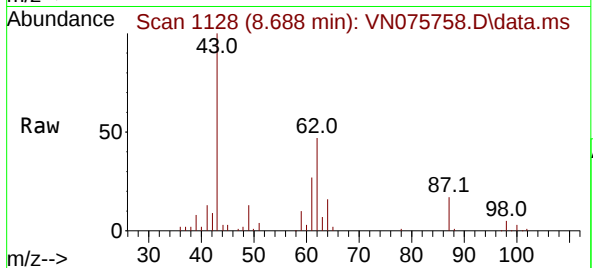
Tgt Ion: 62 Resp: 143455
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.8





#43
Isopropyl Acetate
Concen: 51.713 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

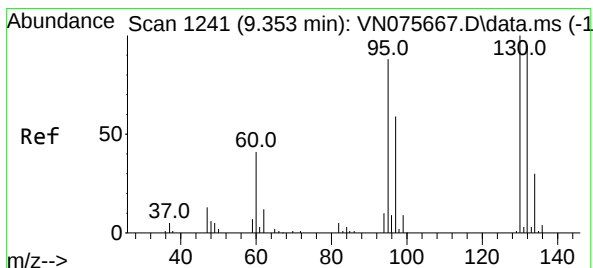
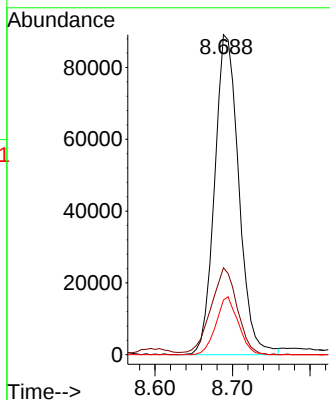
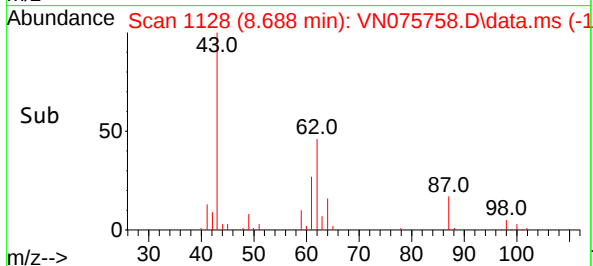
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



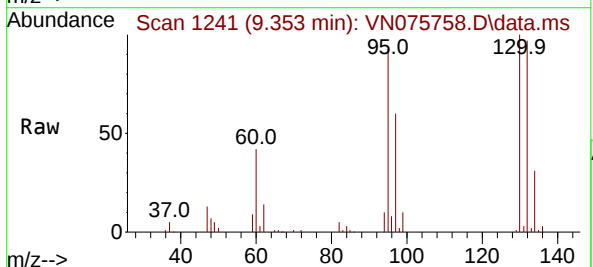
Tgt Ion: 43 Resp: 193570
Ion Ratio Lower Upper
43 100
61 29.7 23.8 35.8
87 16.6 13.7 20.5

Manual Integrations
APPROVED

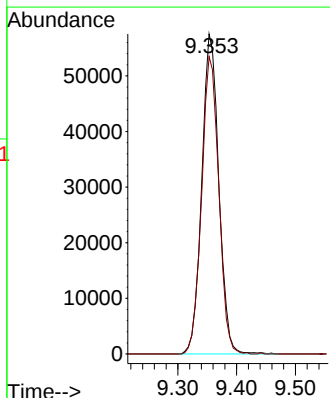
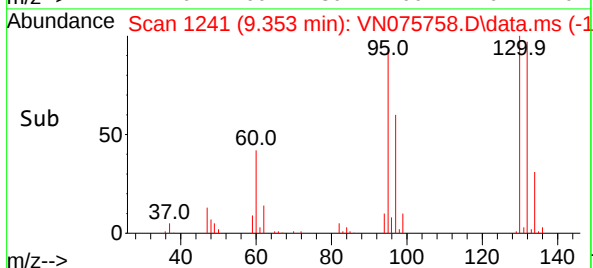
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

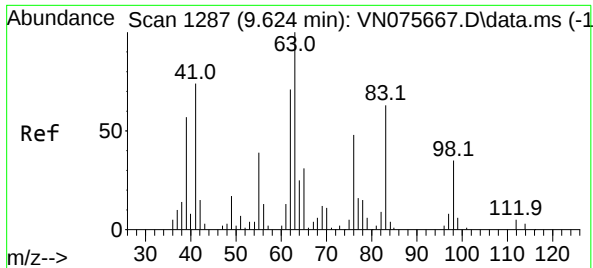


#44
Trichloroethene
Concen: 48.015 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03



Tgt Ion:130 Resp: 116089
Ion Ratio Lower Upper
130 100
95 93.0 0.0 176.8





#45

1,2-Dichloropropane

Concen: 51.228 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075758.D

Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 104419

Ion Ratio Lower Upper

63 100

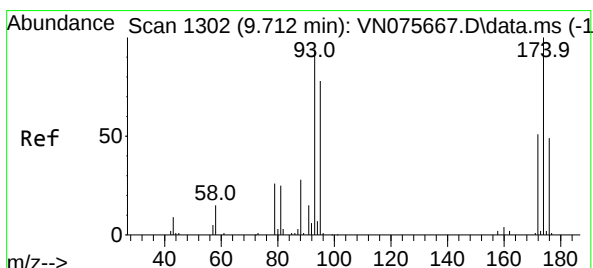
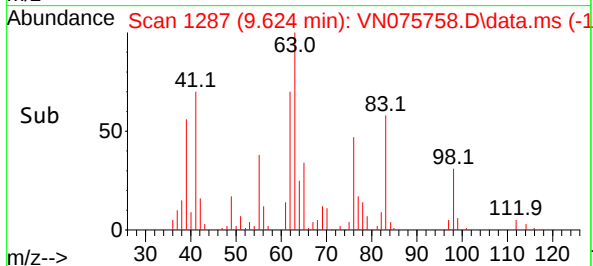
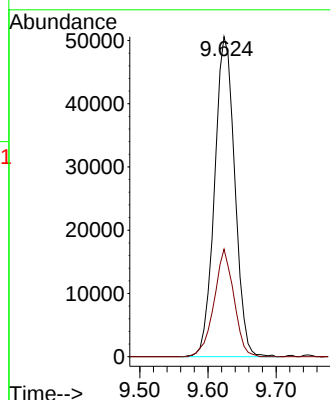
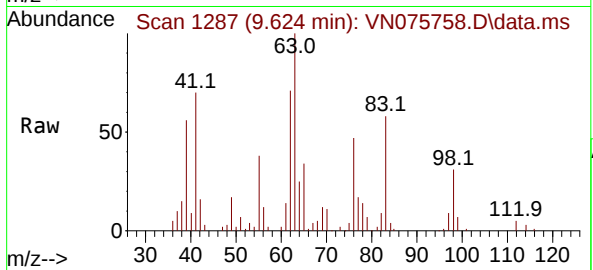
65 33.6 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#46

Dibromomethane

Concen: 51.799 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075758.D

Acq: 13 Dec 2022 12:03

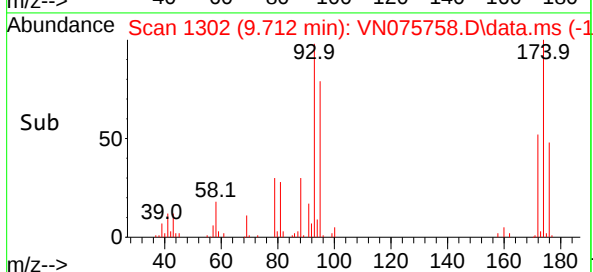
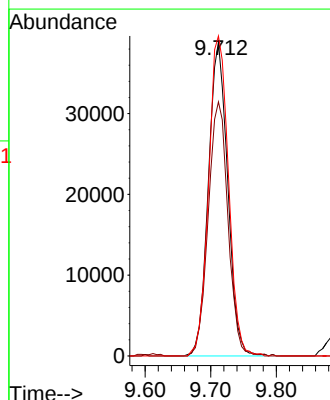
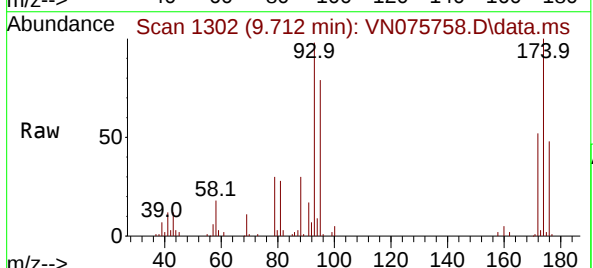
Tgt Ion: 93 Resp: 79269

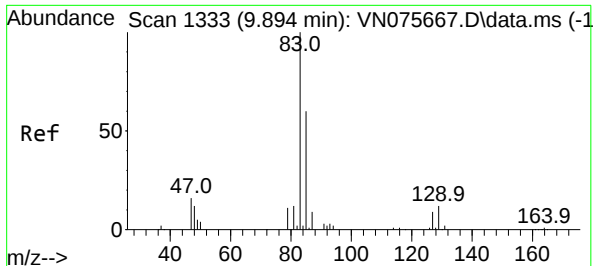
Ion Ratio Lower Upper

93 100

95 83.3 67.3 100.9

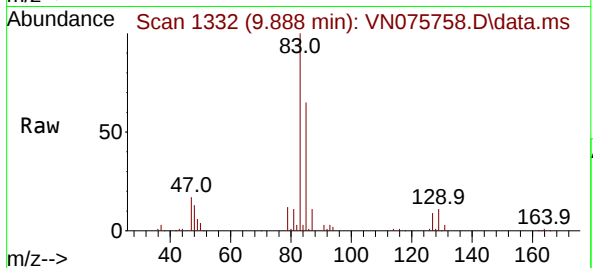
174 105.1 85.0 127.6





#47
Bromodichloromethane
Concen: 52.136 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

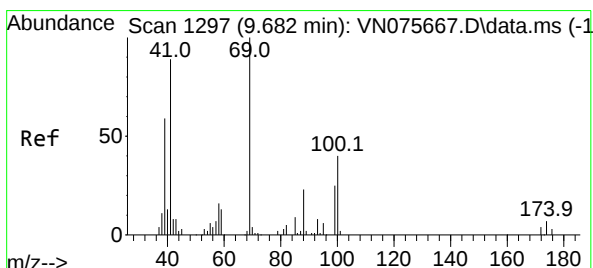
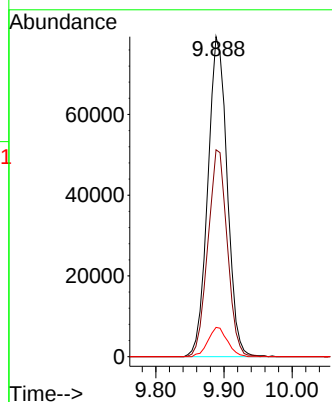
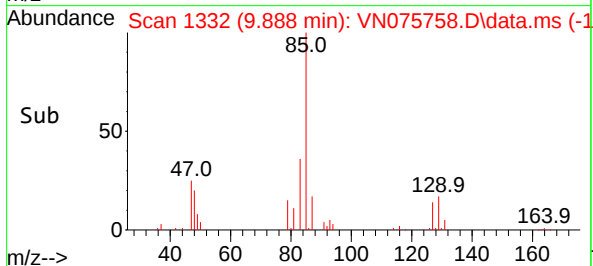
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 156434
Ion Ratio Lower Upper
83 100
85 64.7 48.0 72.0
127 9.1 7.4 11.2

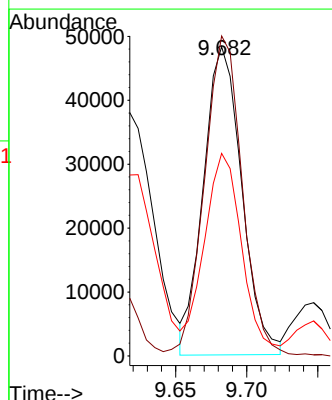
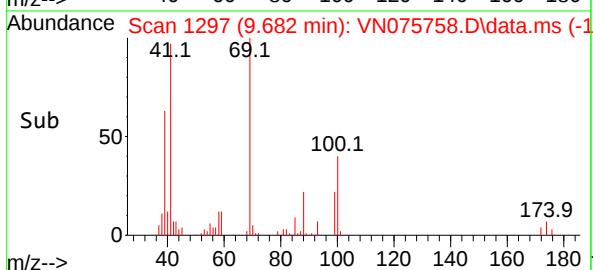
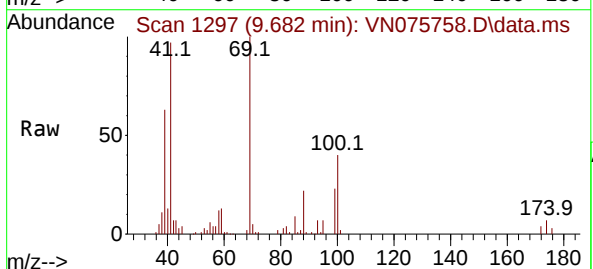
Manual Integrations
APPROVED

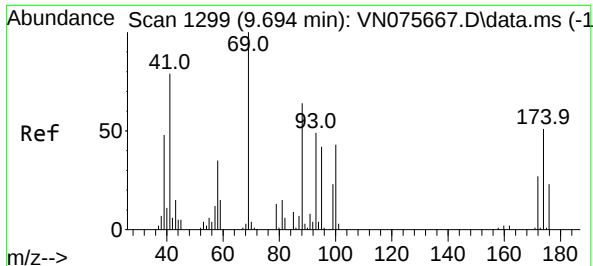
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#48
Methyl methacrylate
Concen: 52.511 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Tgt Ion: 41 Resp: 90527
Ion Ratio Lower Upper
41 100
69 102.8 82.5 123.7
39 65.2 53.2 79.8





#49

1,4-Dioxane

Concen: 1011.264 ug/l

RT: 9.700 min Scan# 1299

Delta R.T. 0.006 min

Lab File: VN075758.D

Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 42379

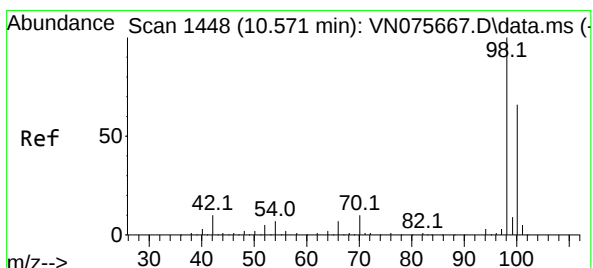
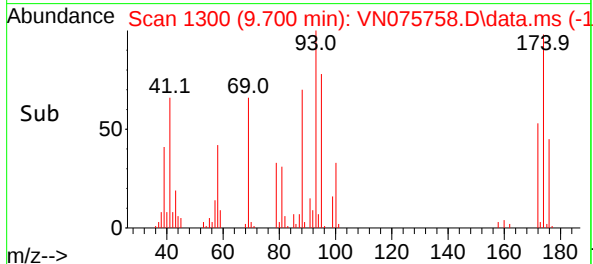
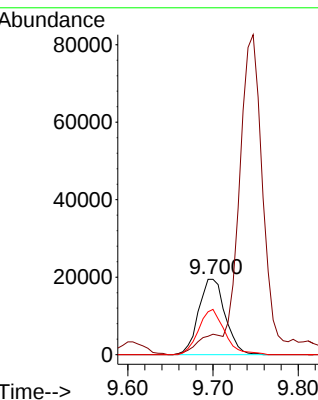
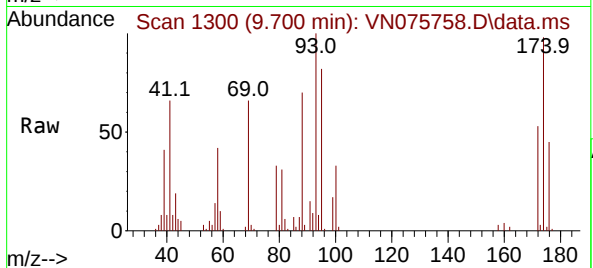
Ion	Ratio	Lower	Upper
88	100		
43	0.0	17.4	26.0
58	58.6	46.8	70.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#50

Toluene-d8

Concen: 51.914 ug/l

RT: 10.571 min Scan# 1448

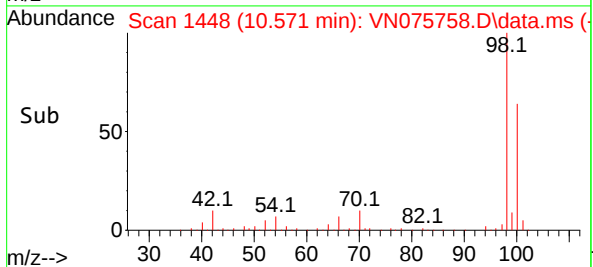
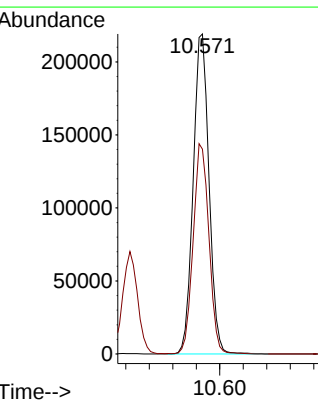
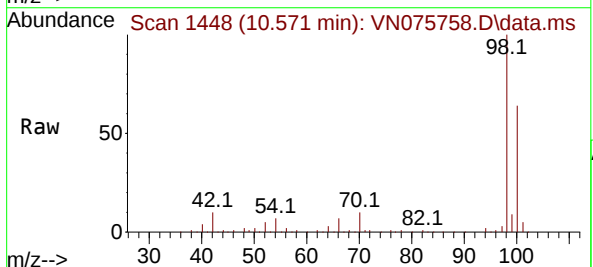
Delta R.T. 0.000 min

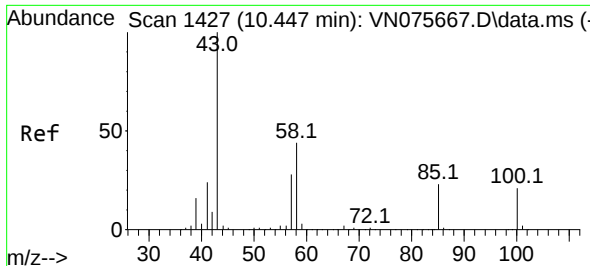
Lab File: VN075758.D

Acq: 13 Dec 2022 12:03

Tgt Ion: 98 Resp: 410019

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.6	78.8





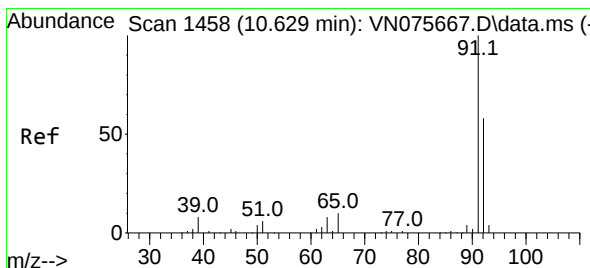
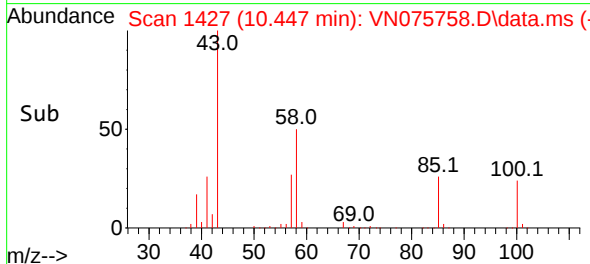
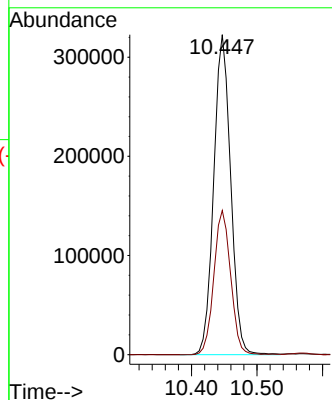
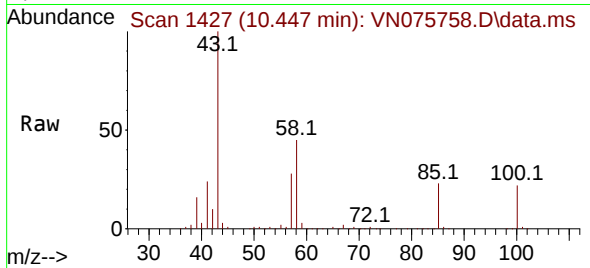
#51
4-Methyl-2-Pentanone
Concen: 250.833 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 57894
Ion Ratio Lower Upper
43 100
58 44.7 35.0 52.6

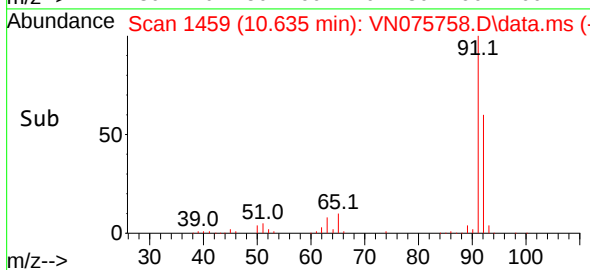
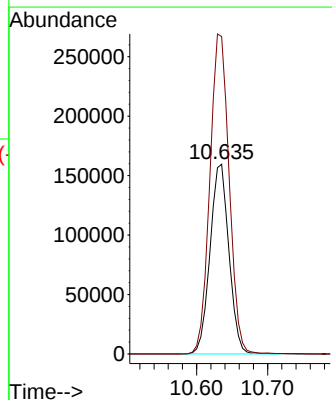
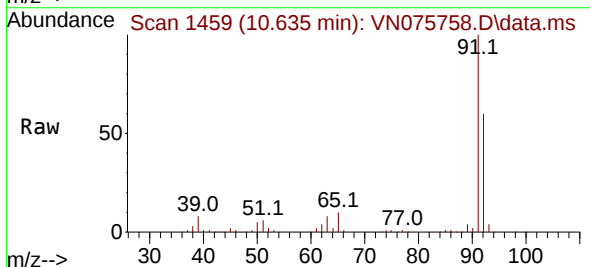
Manual Integrations
APPROVED

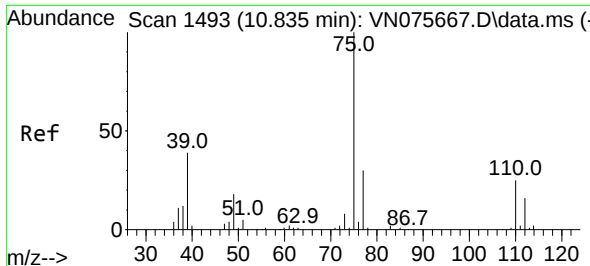
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#52
Toluene
Concen: 51.936 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Tgt Ion: 92 Resp: 294203
Ion Ratio Lower Upper
92 100
91 172.6 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 52.651 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_N

ClientSampleId :

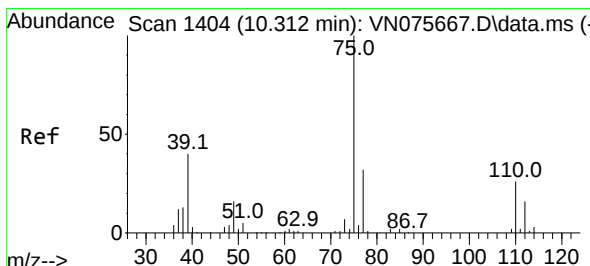
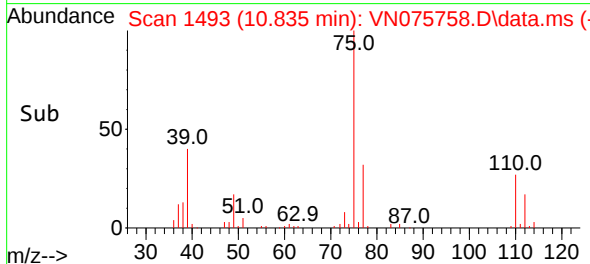
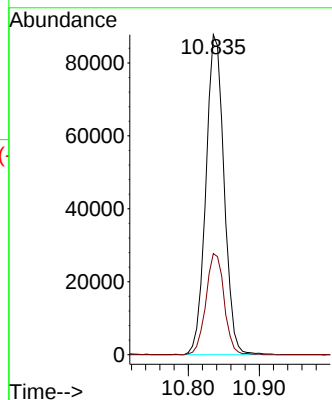
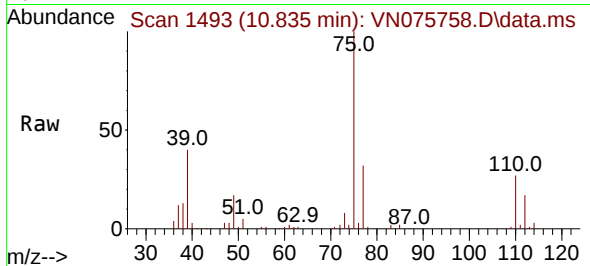
VSTDCCC050EC

Tgt Ion: 75 Resp: 156024
Ion Ratio Lower Upper
75 100
77 31.6 24.3 36.5

Manual Integrations

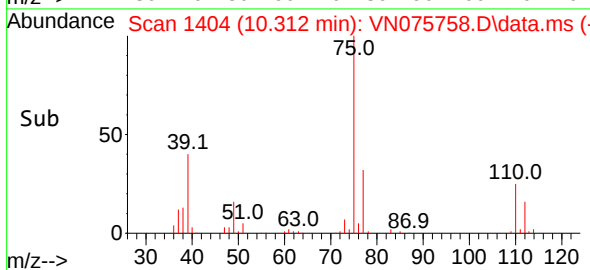
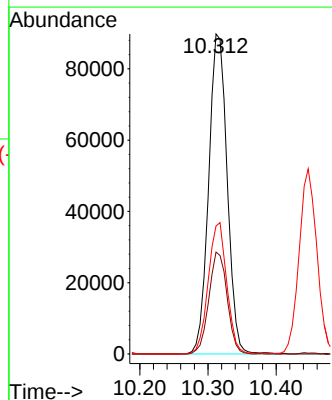
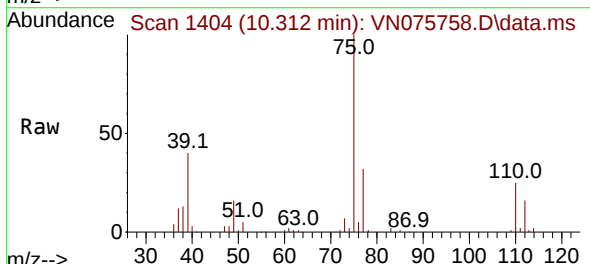
APPROVED

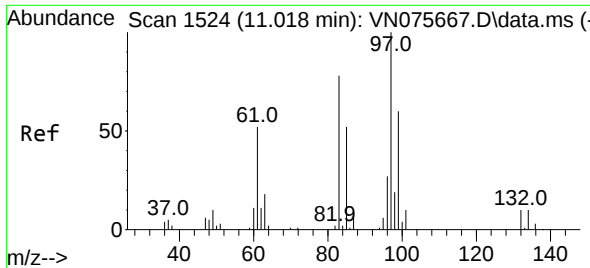
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#54
cis-1,3-Dichloropropene
Concen: 51.395 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Tgt Ion: 75 Resp: 169448
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
39 40.0 32.0 48.0





#55
1,1,2-Trichloroethane
Concen: 51.537 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_N

ClientSampleId :

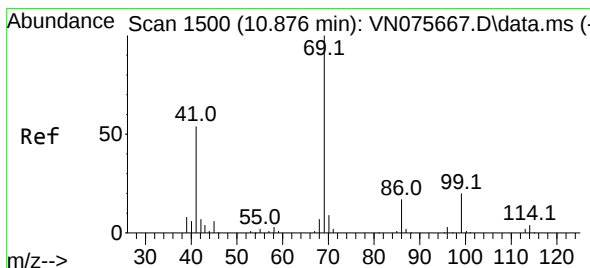
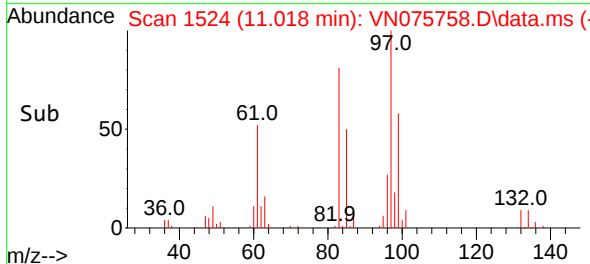
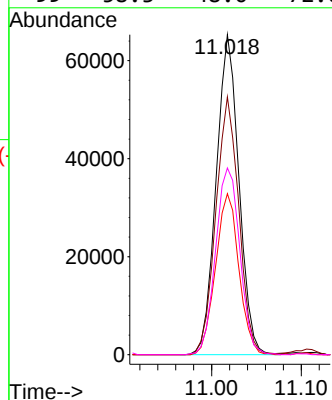
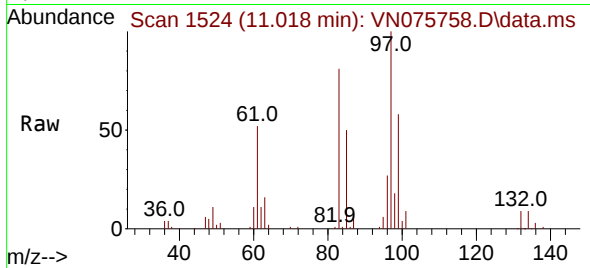
VSTDCCC050EC

Tgt Ion: 97 Resp: 11478
Ion Ratio Lower Upper
97 100
83 80.6 62.7 94.1
85 50.3 41.8 62.6
99 58.3 48.0 72.0

Manual Integrations

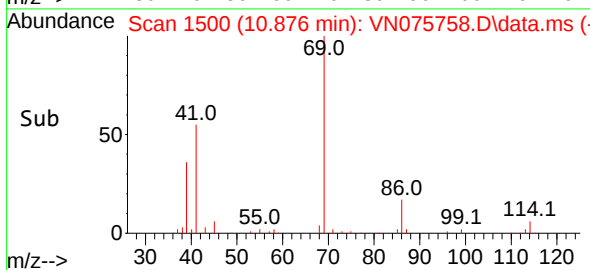
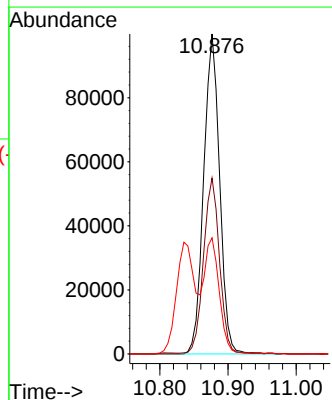
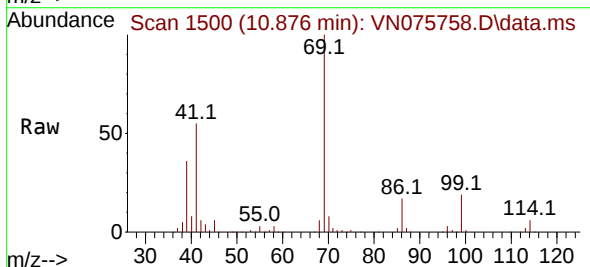
APPROVED

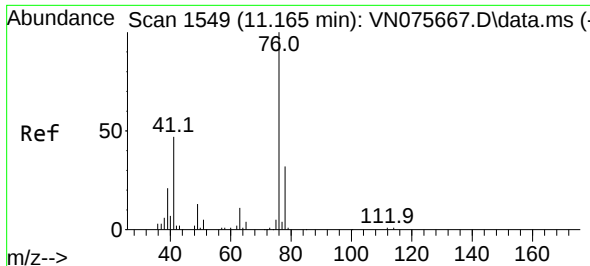
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#56
Ethyl methacrylate
Concen: 53.865 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Tgt Ion: 69 Resp: 162561
Ion Ratio Lower Upper
69 100
41 54.4 44.1 66.1
39 33.6 27.7 41.5





#57

1,3-Dichloropropane

Concen: 51.395 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VN075758.D

Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 185020

Ion Ratio Lower Upper

76 100

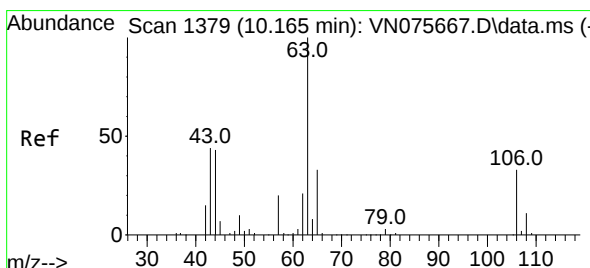
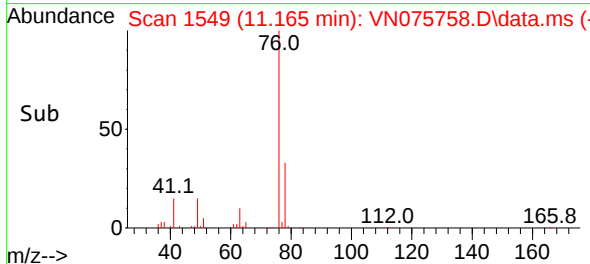
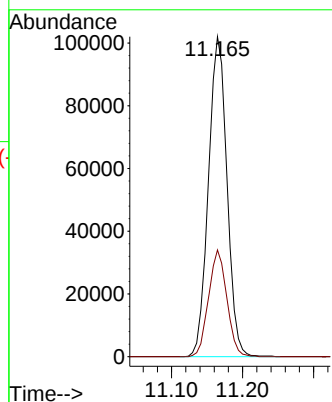
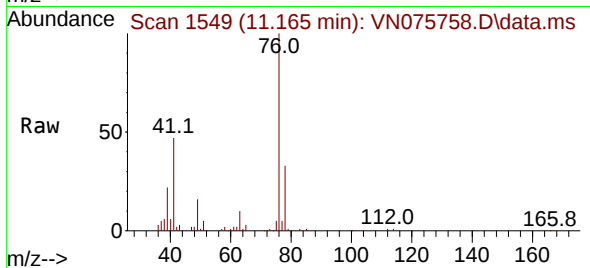
78 32.9 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 286.317 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075758.D

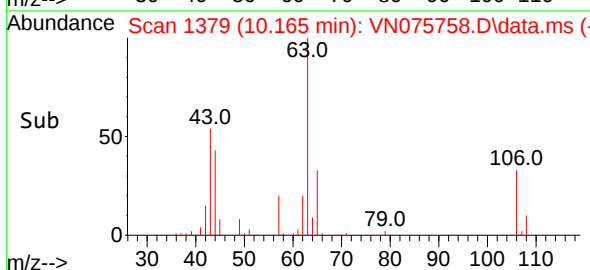
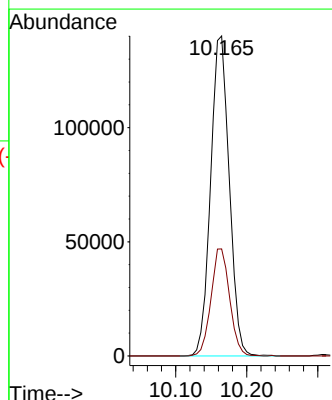
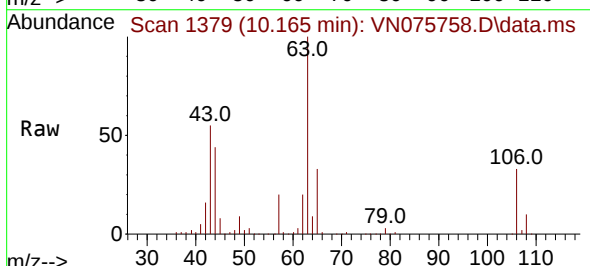
Acq: 13 Dec 2022 12:03

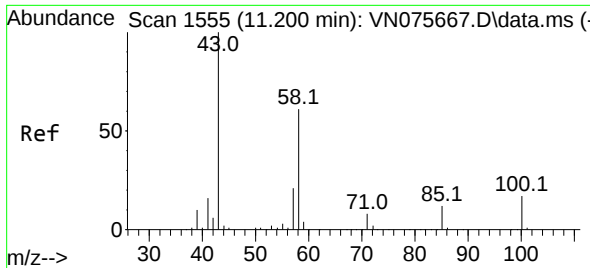
Tgt Ion: 63 Resp: 255130

Ion Ratio Lower Upper

63 100

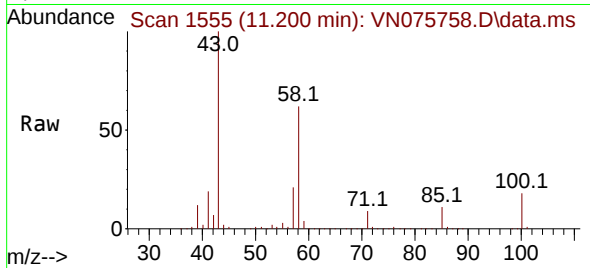
106 33.4 26.6 40.0





#59
2-Hexanone
Concen: 253.339 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

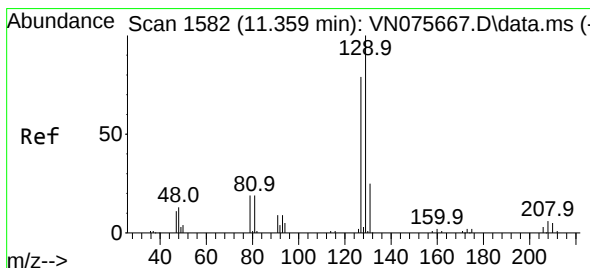
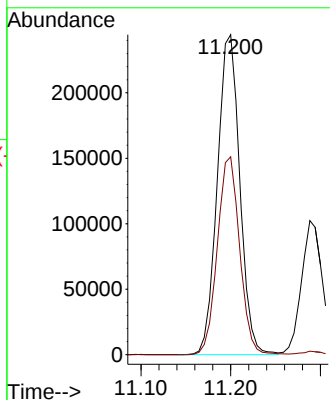
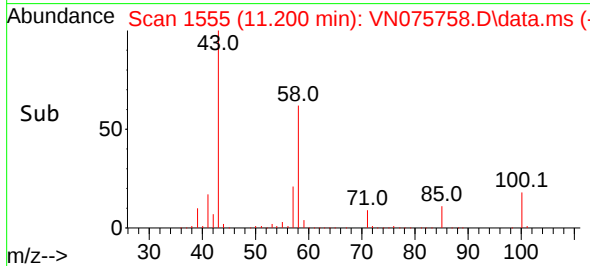
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 424819
Ion Ratio Lower Upper
43 100
58 61.4 30.9 92.5

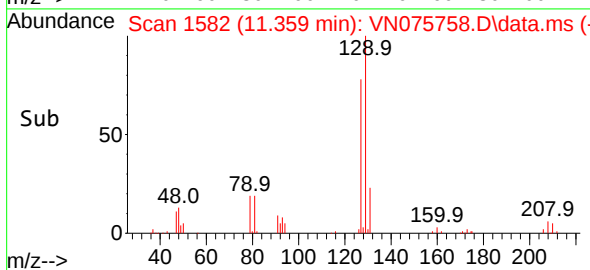
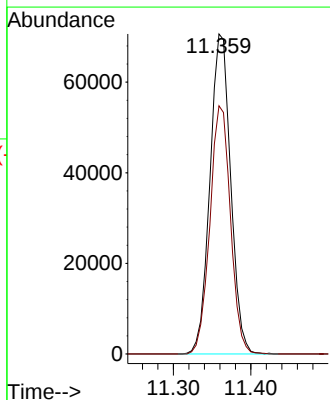
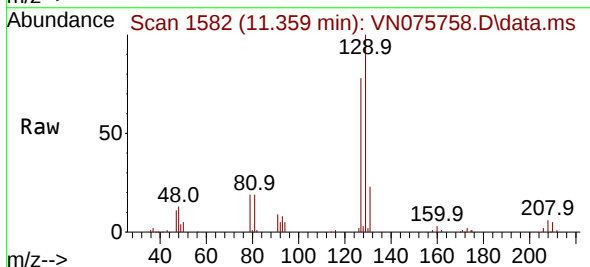
Manual Integrations
APPROVED

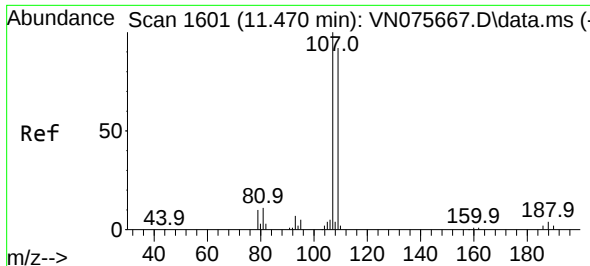
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#60
Dibromochloromethane
Concen: 53.691 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

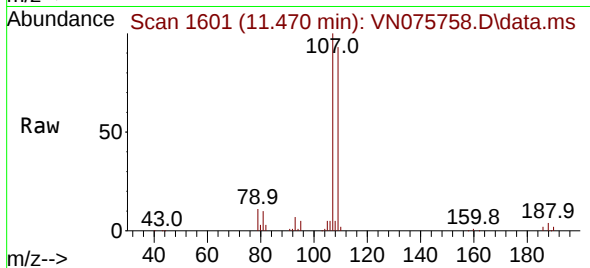
Tgt Ion:129 Resp: 131589
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.515 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

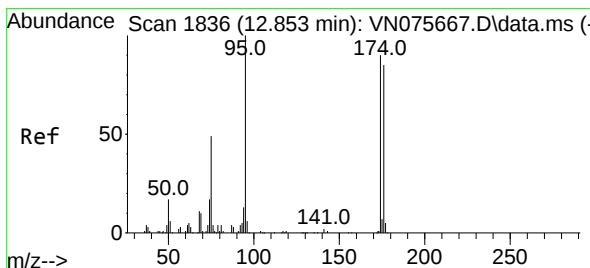
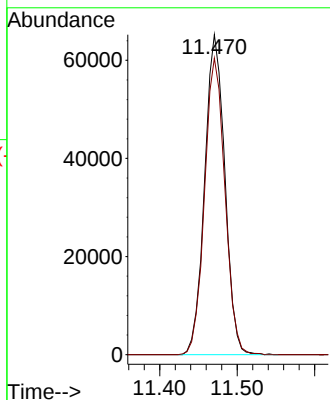
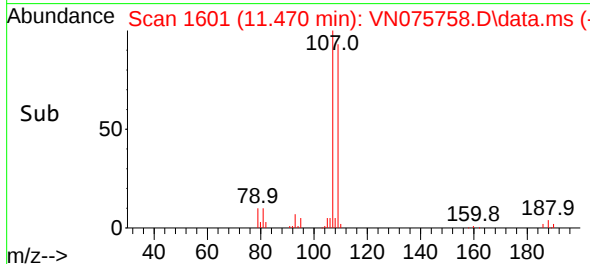
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



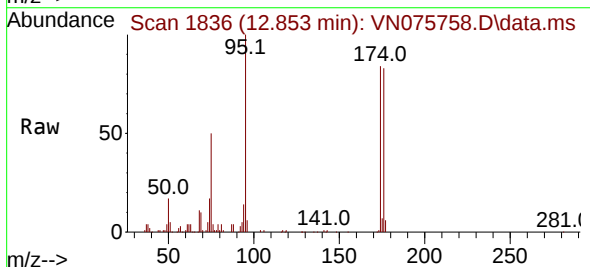
Tgt Ion:107 Resp: 117870
Ion Ratio Lower Upper
107 100
109 93.6 75.4 113.2

Manual Integrations
APPROVED

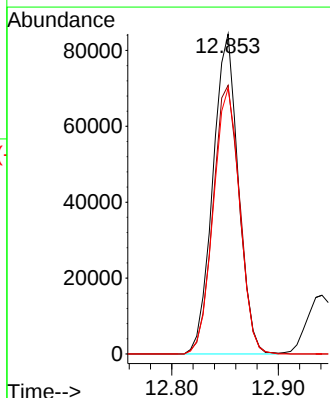
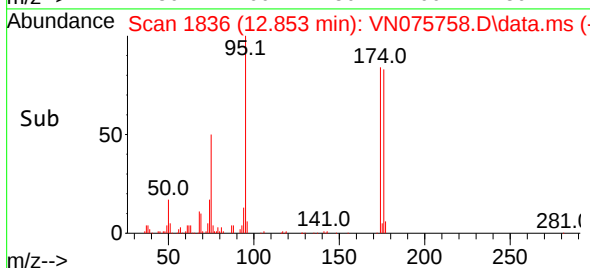
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

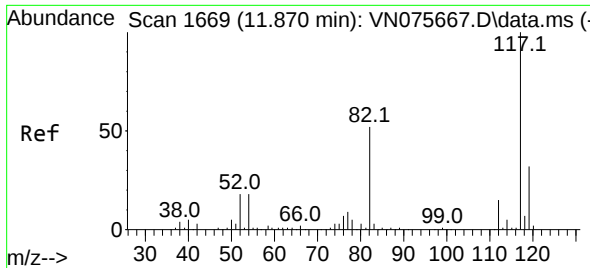


#62
4-Bromofluorobenzene
Concen: 51.789 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03



Tgt Ion: 95 Resp: 139852
Ion Ratio Lower Upper
95 100
174 87.8 0.0 178.6
176 85.7 0.0 170.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

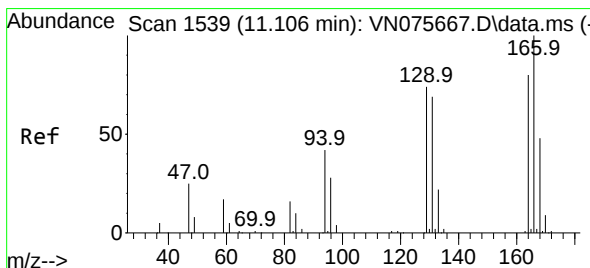
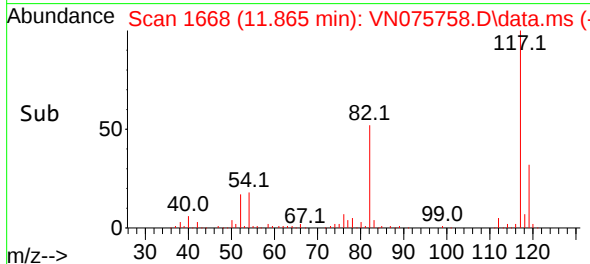
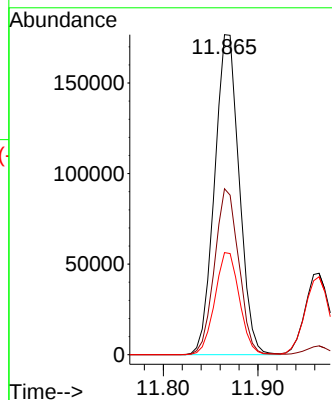
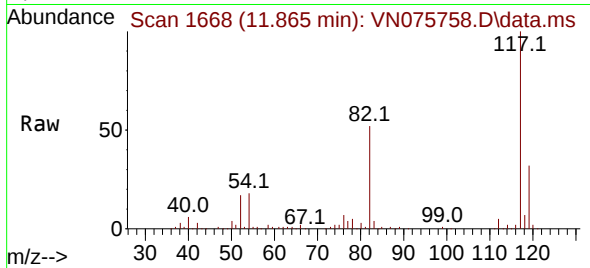
Tgt Ion:117 Resp: 319340
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.8
119 31.9 25.8 38.6

Manual Integrations

APPROVED

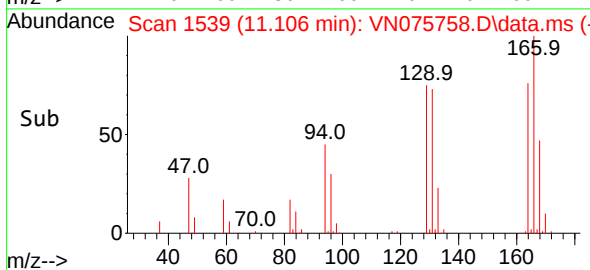
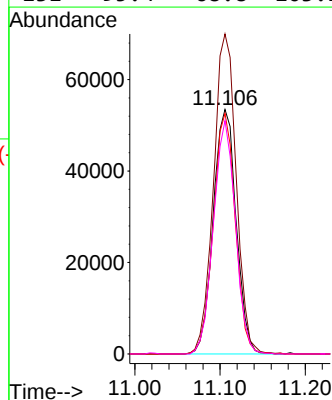
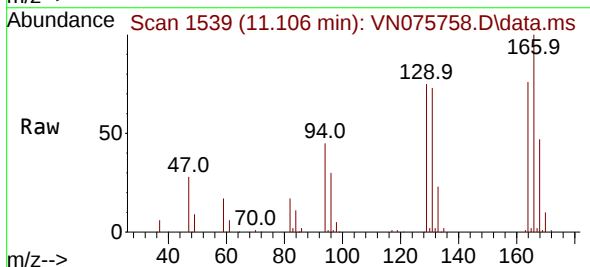
Reviewed By :Krupa Patel 12/13/2022

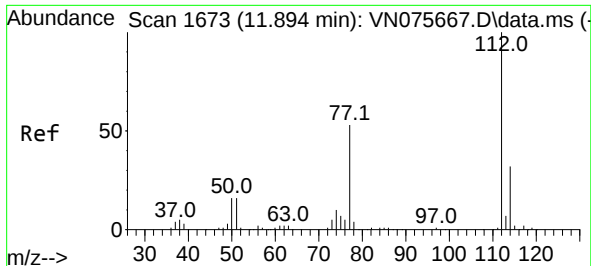
Supervised By :Mahesh Dadoda 12/13/2022



#64
Tetrachloroethene
Concen: 43.018 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

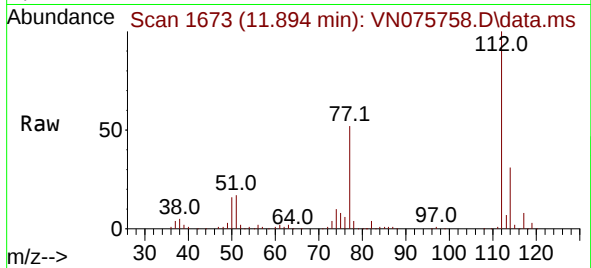
Tgt Ion:164 Resp: 100064
Ion Ratio Lower Upper
164 100
166 130.8 100.3 150.5
129 98.3 73.9 110.9
131 95.4 68.8 103.2





#65
Chlorobenzene
Concen: 48.064 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

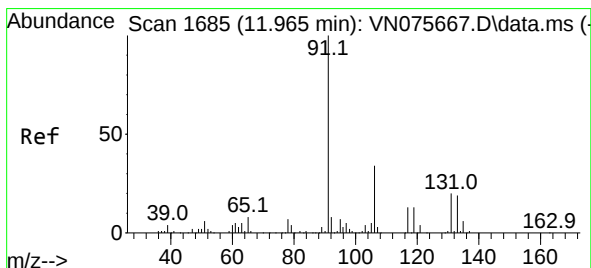
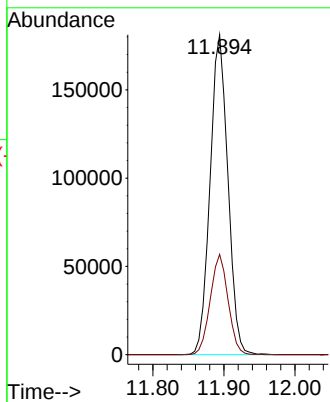
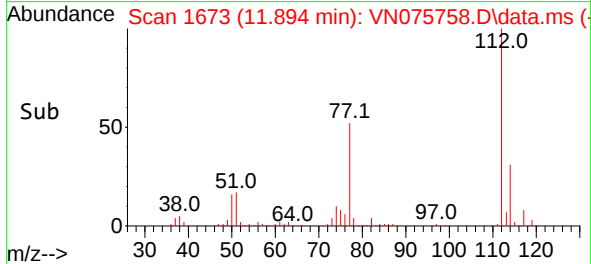
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



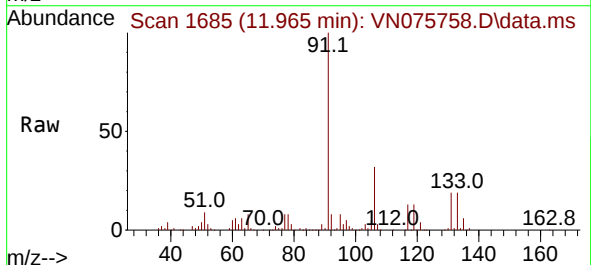
Tgt Ion:112 Resp: 315800
Ion Ratio Lower Upper
112 100
114 31.4 25.5 38.3

Manual Integrations
APPROVED

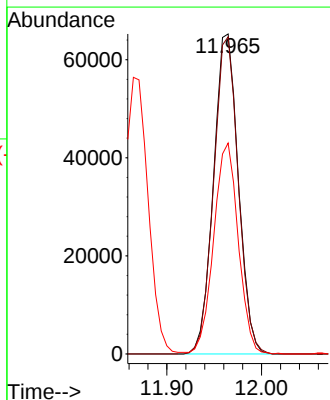
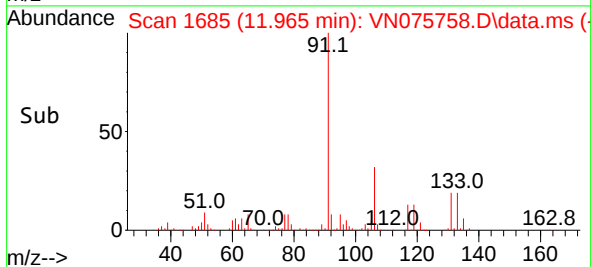
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

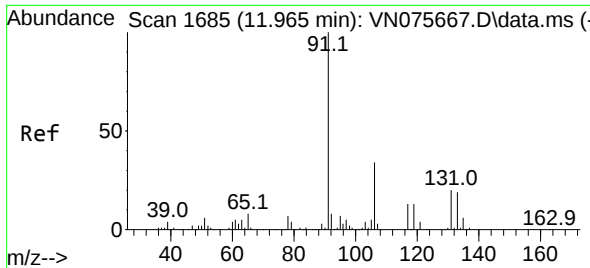


#66
1,1,1,2-Tetrachloroethane
Concen: 49.754 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03



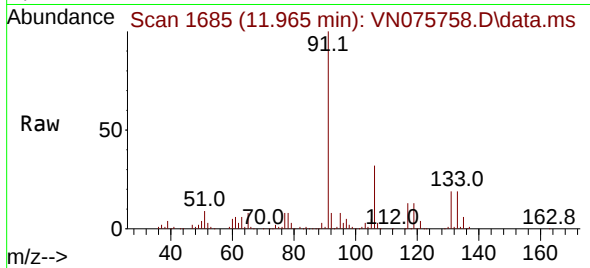
Tgt Ion:131 Resp: 118939
Ion Ratio Lower Upper
131 100
133 98.0 47.5 142.6
119 65.4 32.5 97.4





#67
Ethyl Benzene
Concen: 50.365 ug/l
RT: 11.965 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

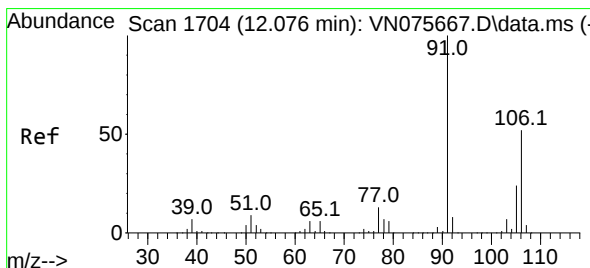
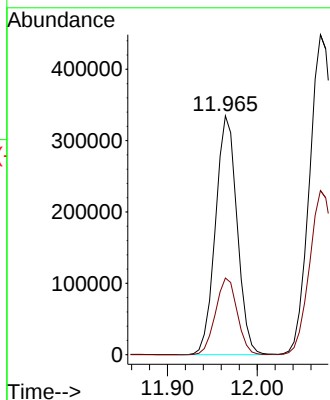
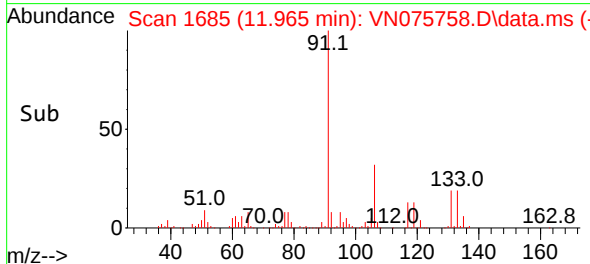
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



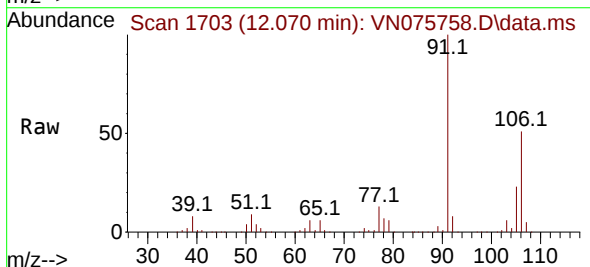
Tgt Ion: 91 Resp: 559822
Ion Ratio Lower Upper
91 100
106 32.1 26.9 40.3

Manual Integrations
APPROVED

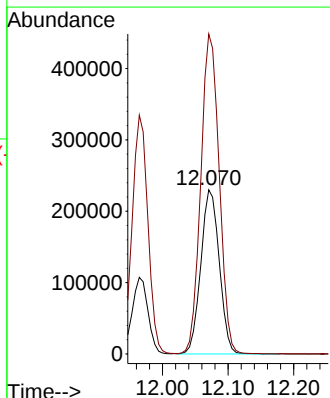
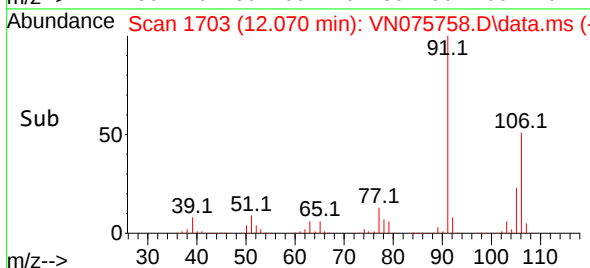
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

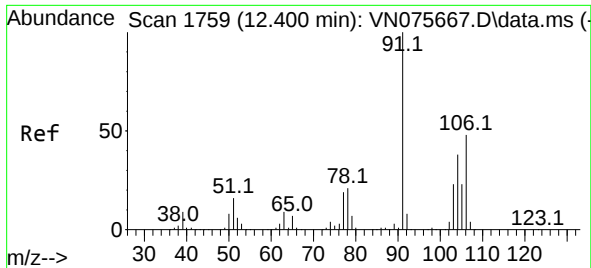


#68
m/p-Xylenes
Concen: 100.417 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03



Tgt Ion:106 Resp: 451000
Ion Ratio Lower Upper
106 100
91 194.4 156.2 234.4





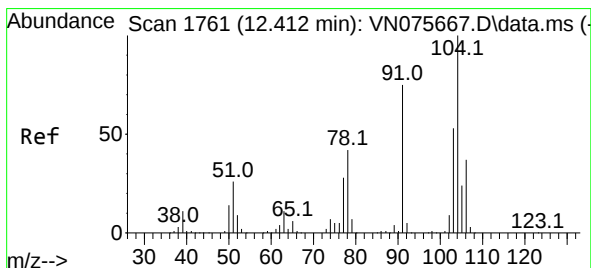
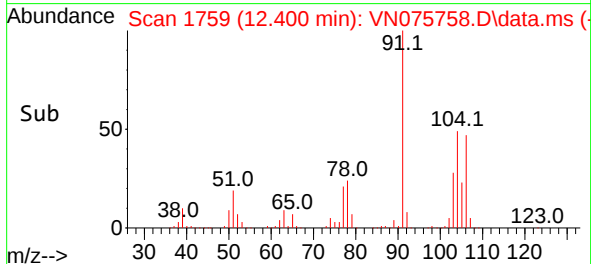
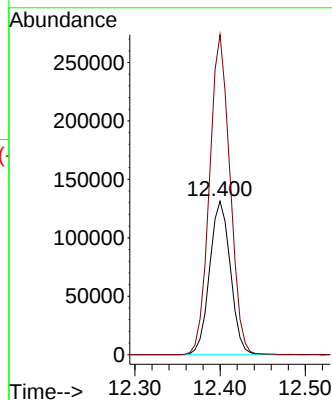
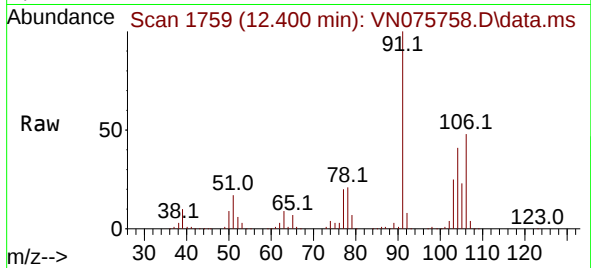
#69
o-Xylene
Concen: 50.993 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 22224
Ion Ratio Lower Upper
106 100
91 206.1 102.8 308.5

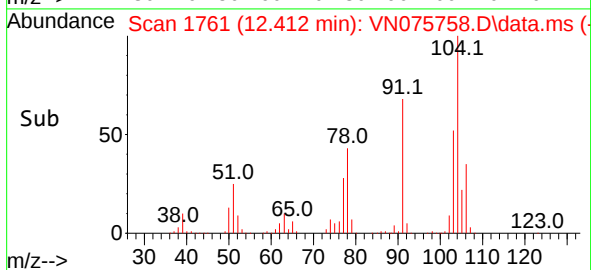
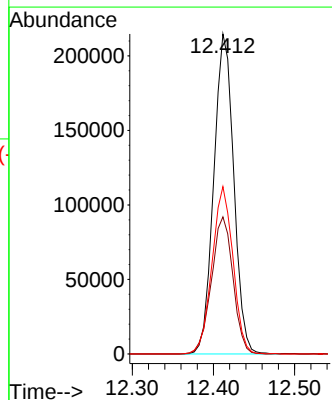
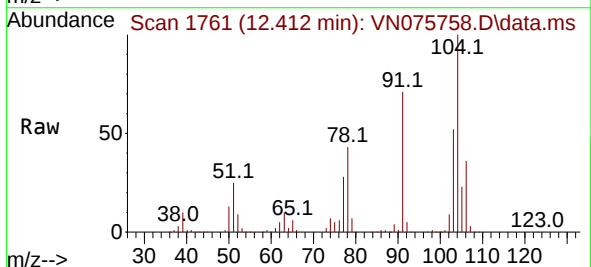
Manual Integrations
APPROVED

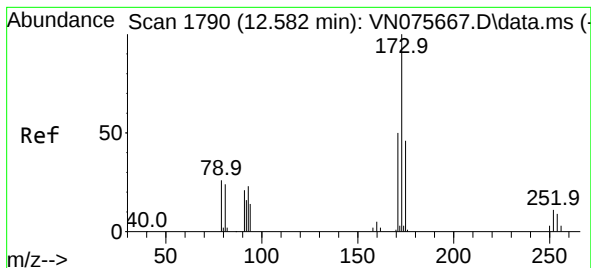
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#70
Styrene
Concen: 52.662 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Tgt Ion:104 Resp: 368106
Ion Ratio Lower Upper
104 100
78 45.9 36.7 55.1
103 54.6 44.0 66.0





#71

Bromoform

Concen: 52.142 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN075758.D

Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

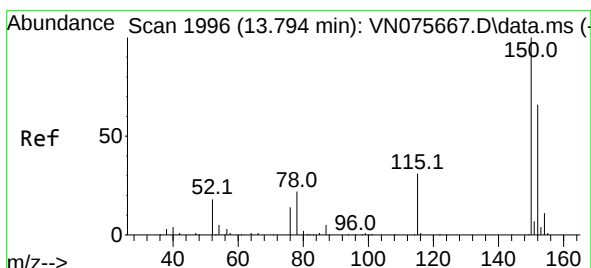
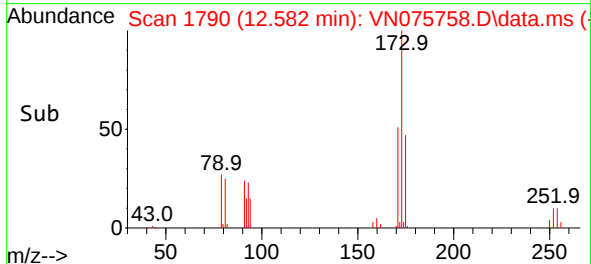
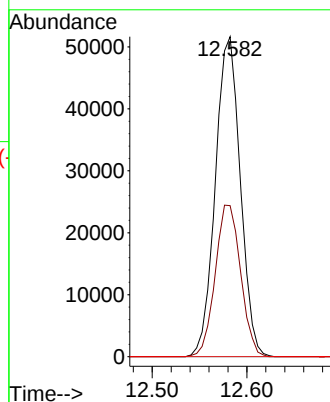
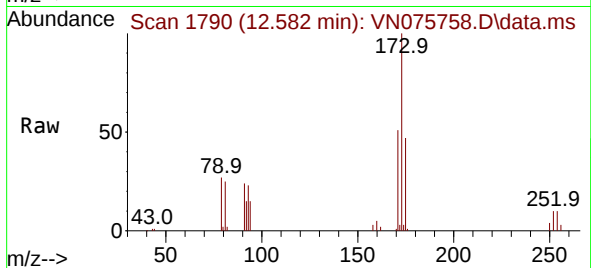
Tgt Ion:173	Resp:	9448	
Ion Ratio	Lower	Upper	
173	100		
175	48.3	23.8	71.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

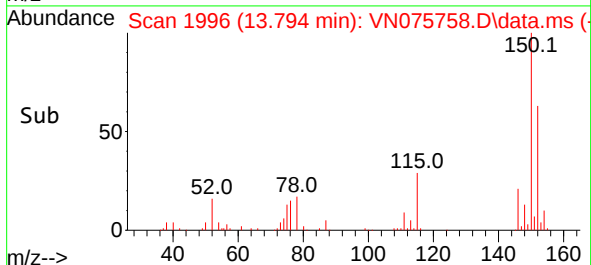
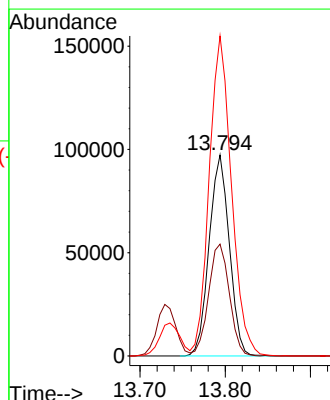
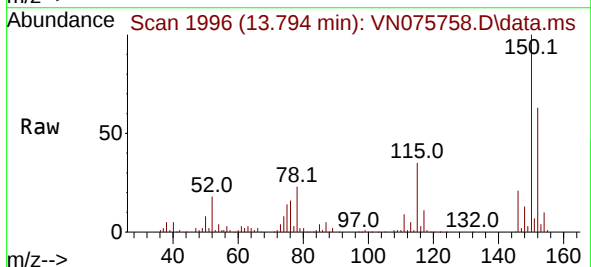
RT: 13.794 min Scan# 1996

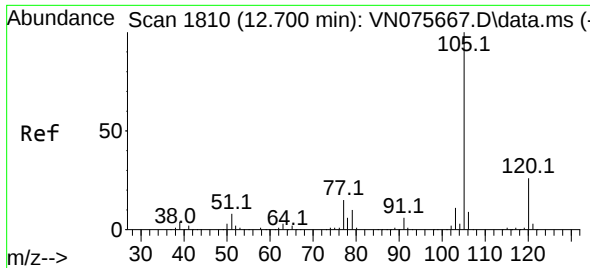
Delta R.T. 0.000 min

Lab File: VN075758.D

Acq: 13 Dec 2022 12:03

Tgt Ion:152	Resp:	160510	
Ion Ratio	Lower	Upper	
152	100		
115	57.1	28.4	85.2
150	175.1	0.0	347.6





#73
Isopropylbenzene
Concen: 49.193 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_N

ClientSampleId :

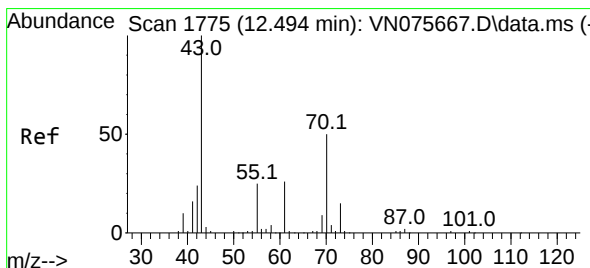
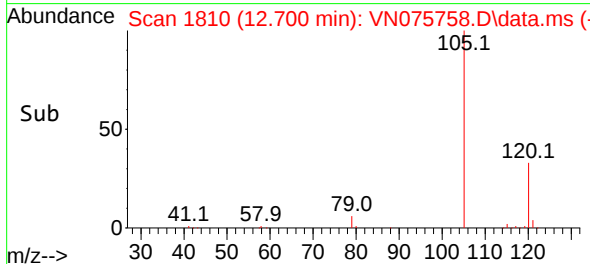
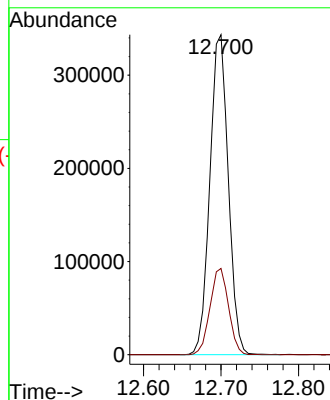
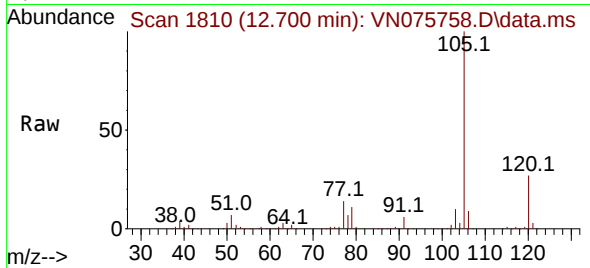
VSTDCCC050EC

Tgt Ion:105 Resp: 566944
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2

Manual Integrations

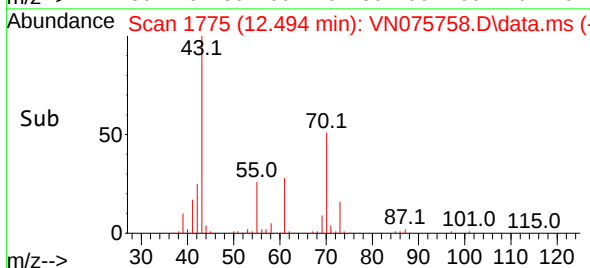
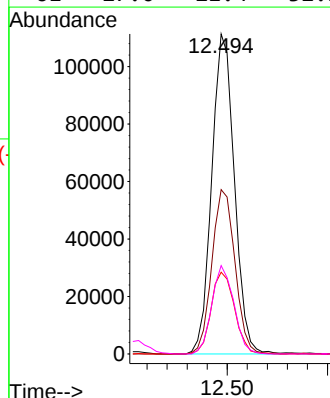
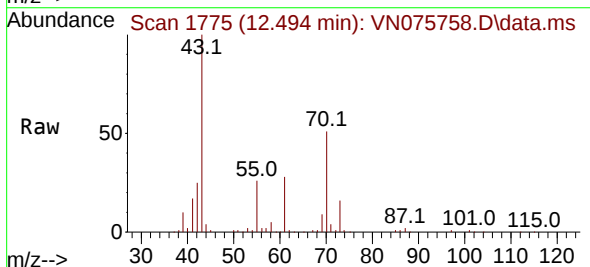
APPROVED

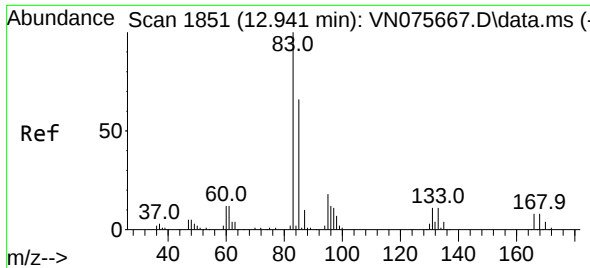
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#74
N-ethyl acetate
Concen: 52.126 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

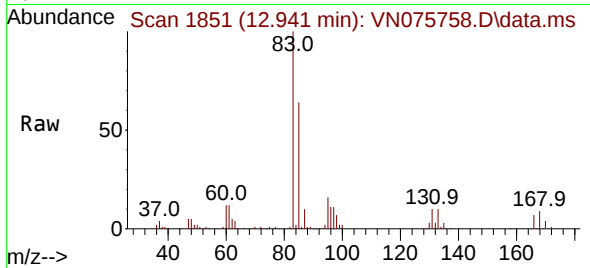
Tgt Ion: 43 Resp: 174549
Ion Ratio Lower Upper
43 100
70 52.5 41.0 61.6
55 26.4 20.7 31.1
61 27.0 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 46.714 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

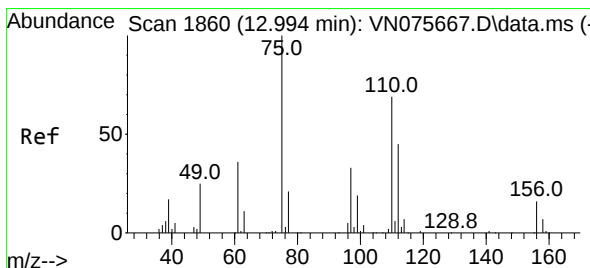
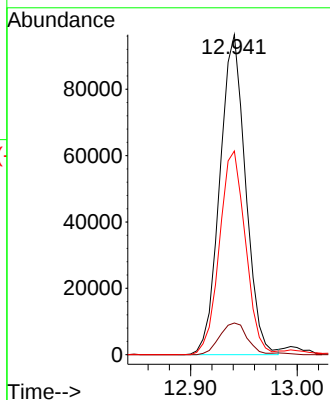
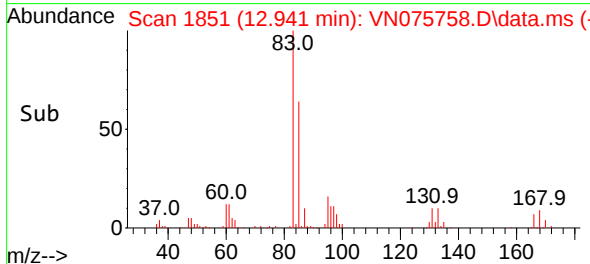
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 161724
Ion Ratio Lower Upper
83 100
131 10.7 5.6 16.8
85 64.8 32.6 97.7

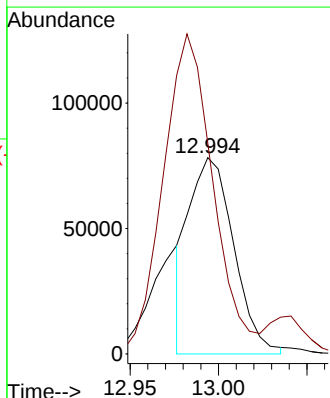
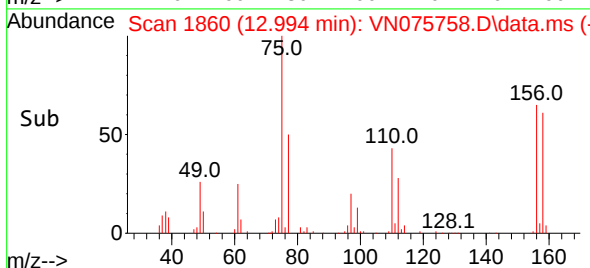
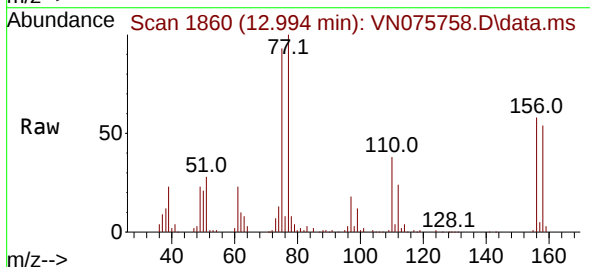
Manual Integrations
APPROVED

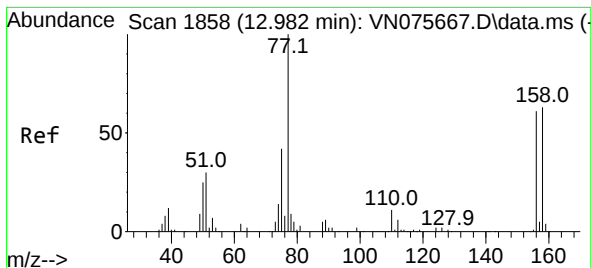
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#76
1,2,3-Trichloropropane
Concen: 42.801 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

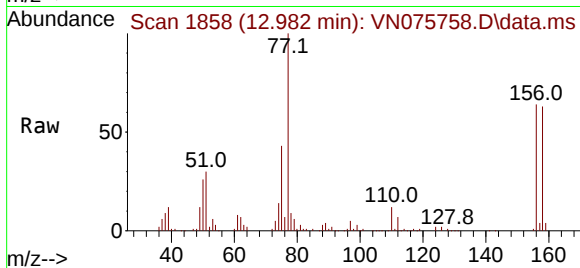
Tgt Ion: 75 Resp: 137965
Ion Ratio Lower Upper
75 100
77 182.0 81.8 245.4





#77
Bromobenzene
Concen: 47.910 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

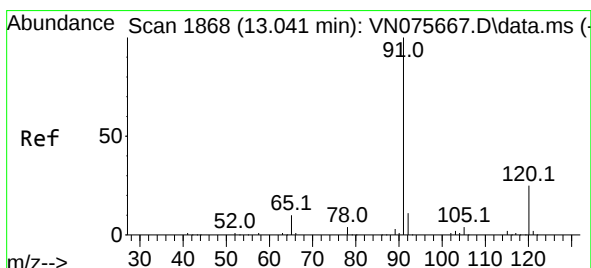
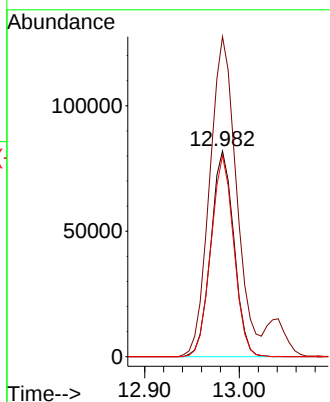
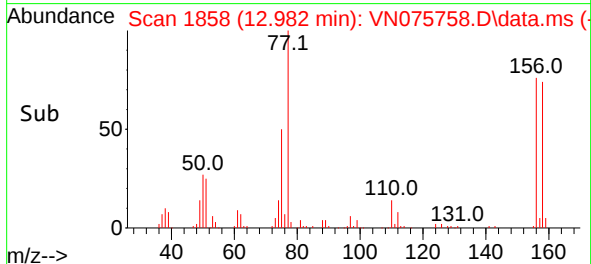
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



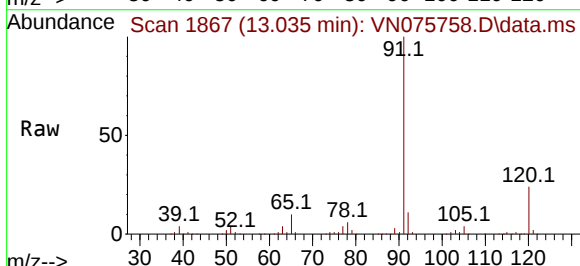
Tgt Ion:156 Resp: 138850
Ion Ratio Lower Upper
156 100
77 180.8 90.8 272.5
158 96.8 49.3 147.8

Manual Integrations
APPROVED

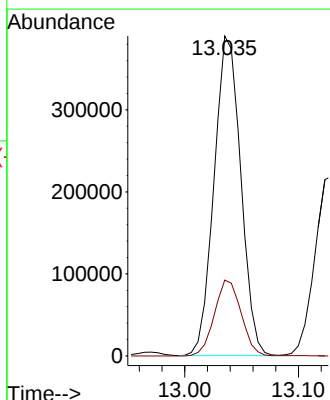
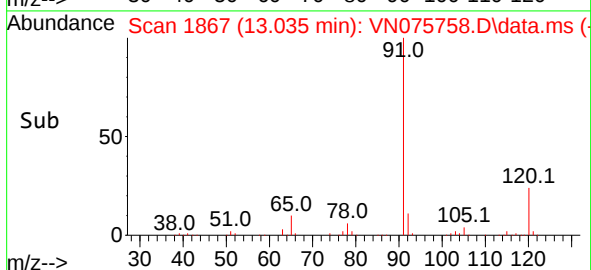
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

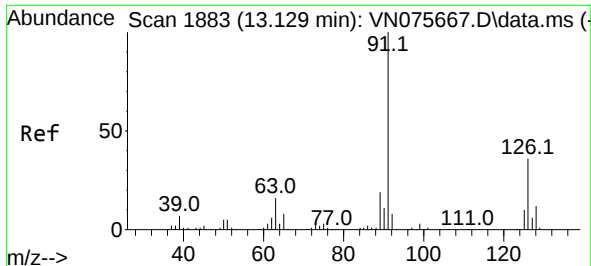


#78
n-propylbenzene
Concen: 49.785 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03



Tgt Ion: 91 Resp: 636682
Ion Ratio Lower Upper
91 100
120 23.8 12.1 36.3





#79

2-Chlorotoluene

Concen: 48.784 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN075758.D

Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 38516

Ion Ratio Lower Upper

91 100

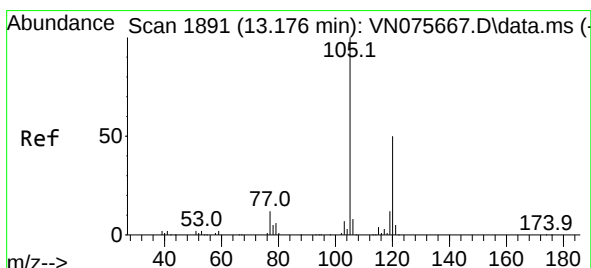
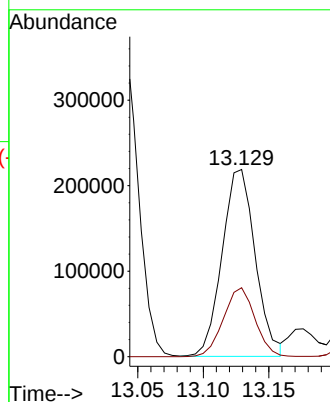
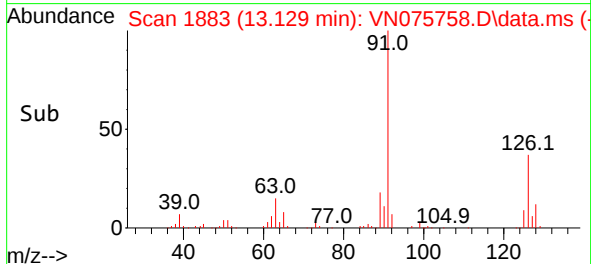
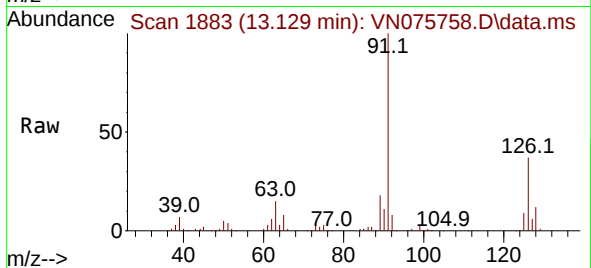
126 35.2 17.8 53.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#80

1,3,5-Trimethylbenzene

Concen: 49.857 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075758.D

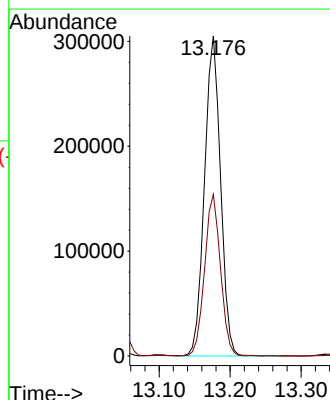
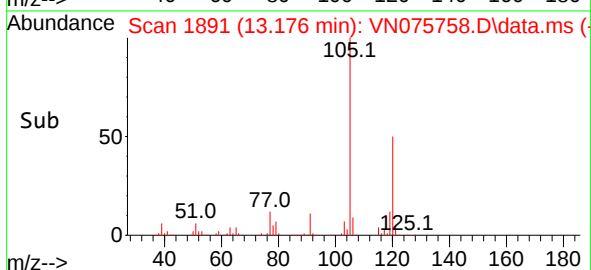
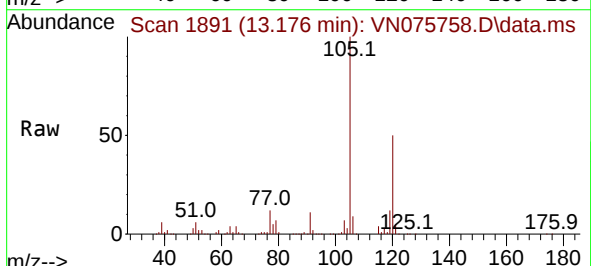
Acq: 13 Dec 2022 12:03

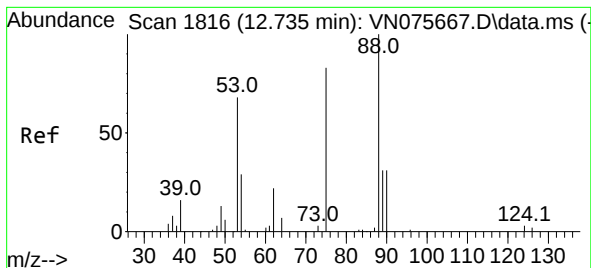
Tgt Ion:105 Resp: 480393

Ion Ratio Lower Upper

105 100

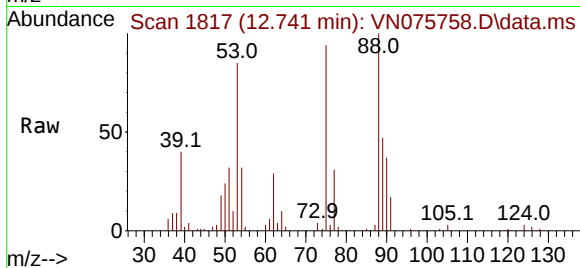
120 50.0 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 42.052 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

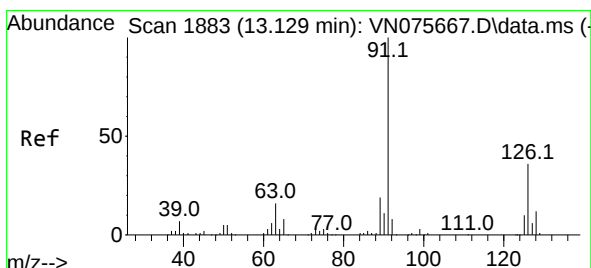
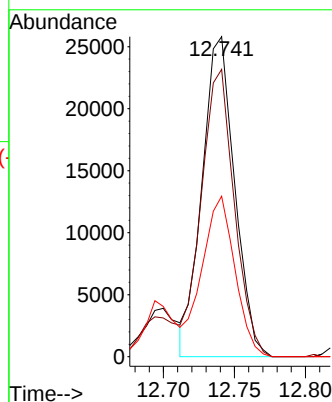
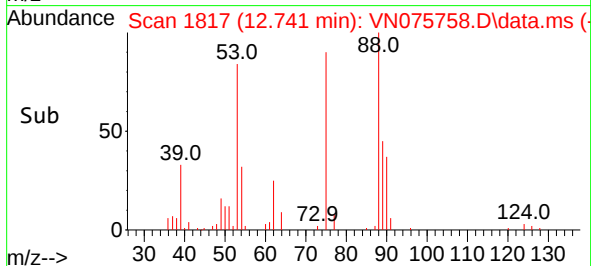
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 41158
Ion Ratio Lower Upper
75 100
53 91.1 72.4 108.6
89 51.1 36.6 55.0

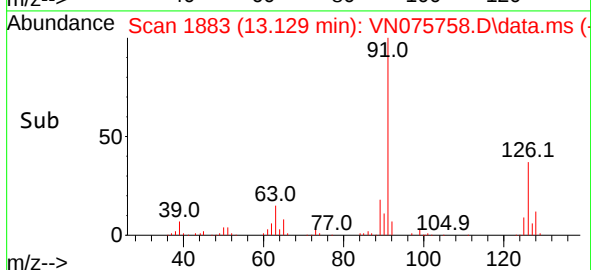
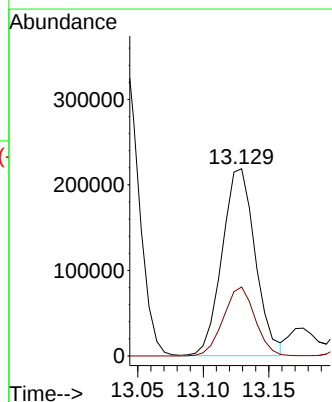
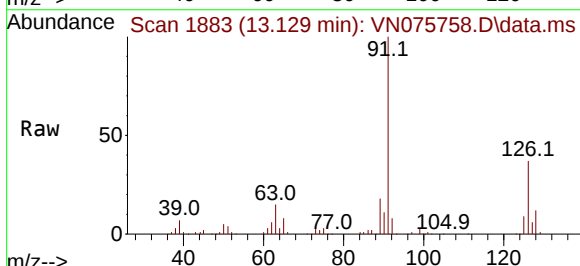
Manual Integrations
APPROVED

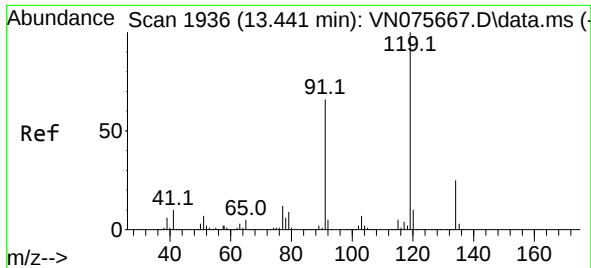
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#82
4-Chlorotoluene
Concen: 48.784 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Tgt Ion: 91 Resp: 385167
Ion Ratio Lower Upper
91 100
126 35.2 17.8 53.4





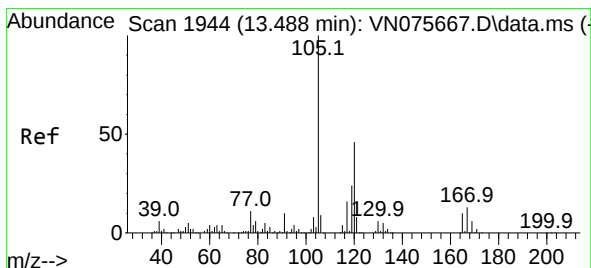
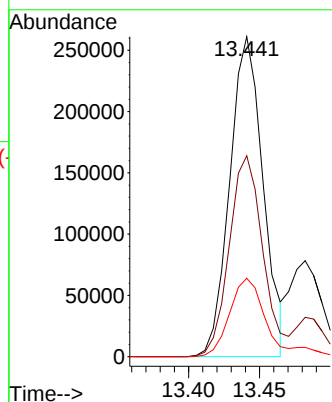
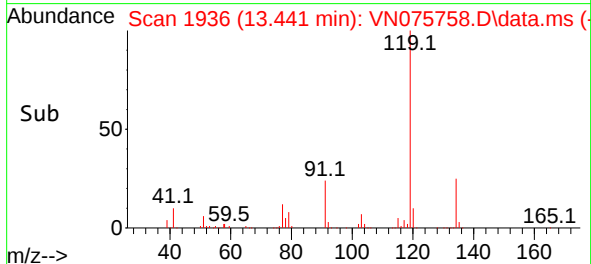
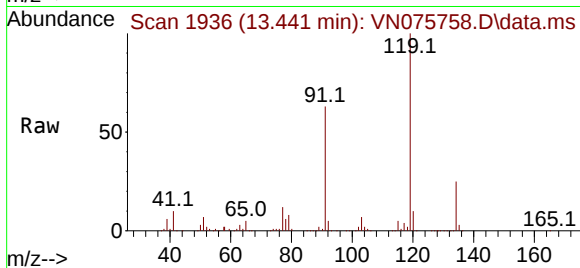
#83
tert-Butylbenzene
Concen: 48.765 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 42610
Ion Ratio Lower Upper
119 100
91 63.6 31.9 95.9
134 27.4 13.9 41.7

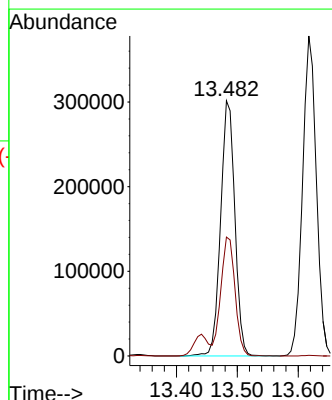
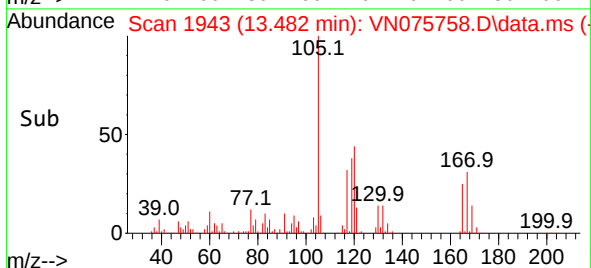
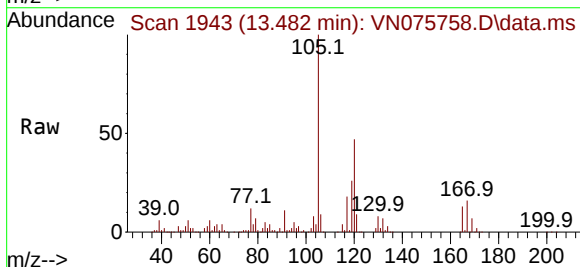
Manual Integrations
APPROVED

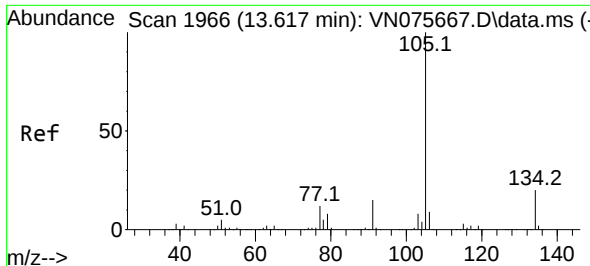
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#84
1,2,4-Trimethylbenzene
Concen: 50.515 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.006 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

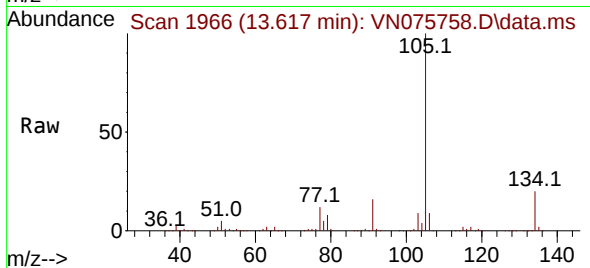
Tgt Ion:105 Resp: 489201
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.2





#85
 sec-Butylbenzene
 Concen: 49.429 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075758.D
 Acq: 13 Dec 2022 12:03

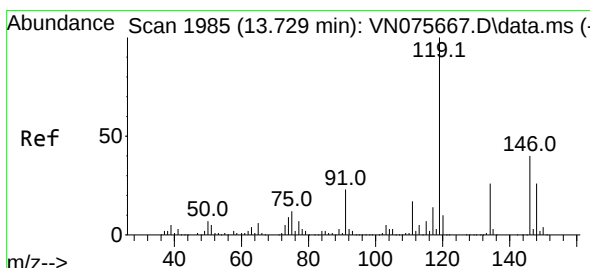
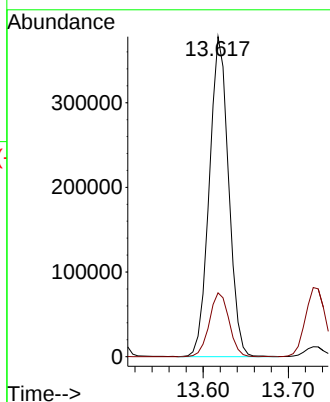
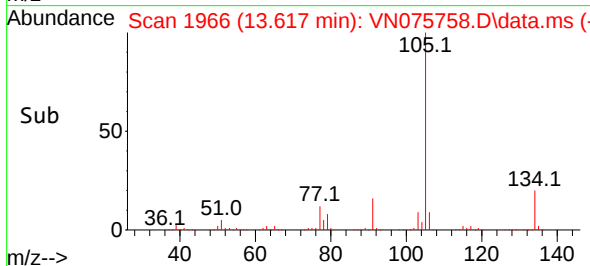
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



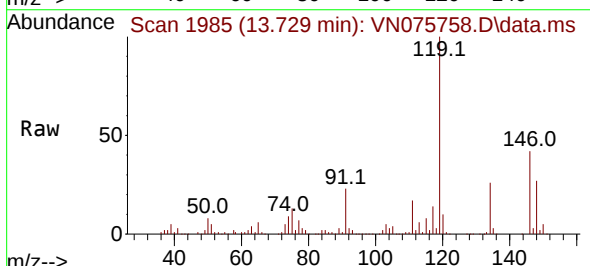
Tgt Ion:105 Resp: 59375
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

Manual Integrations
 APPROVED

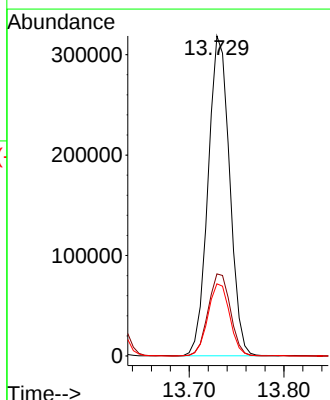
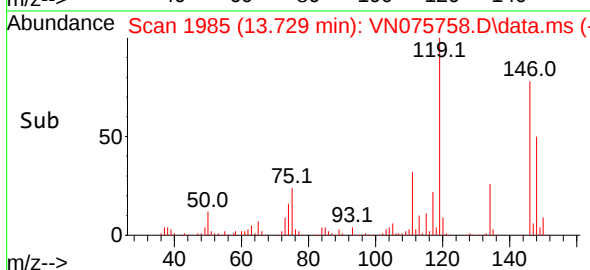
Reviewed By :Krupa Patel 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

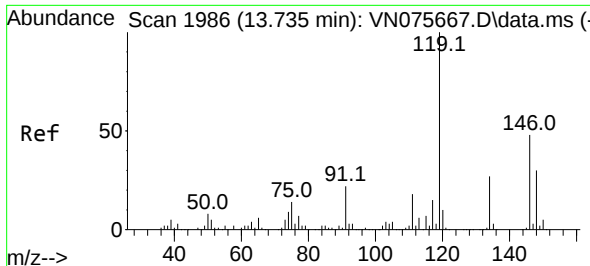


#86
 p-Isopropyltoluene
 Concen: 49.989 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075758.D
 Acq: 13 Dec 2022 12:03



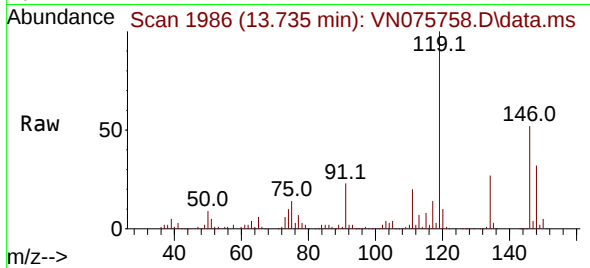
Tgt Ion:119 Resp: 502441
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 23.0 11.4 34.1





#87
 1,3-Dichlorobenzene
 Concen: 47.771 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075758.D
 Acq: 13 Dec 2022 12:03

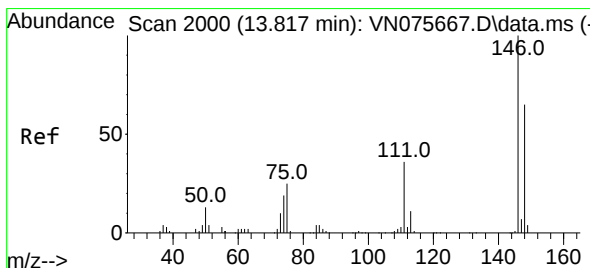
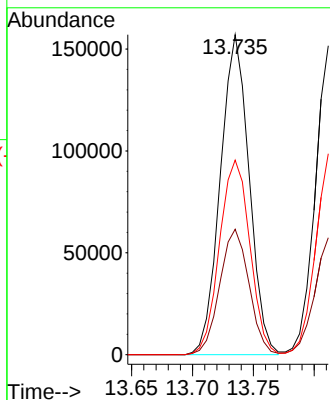
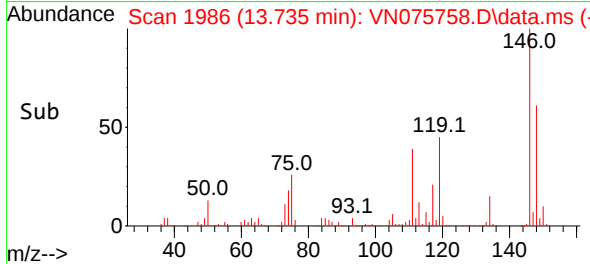
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



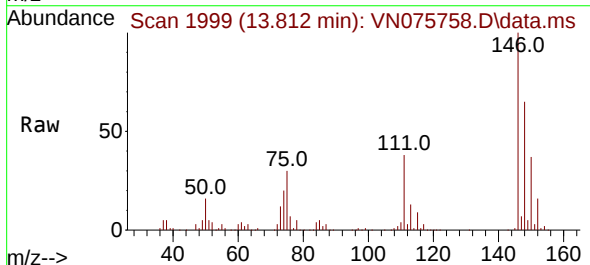
Tgt Ion:146 Resp: 258928
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.8 59.3
 148 64.0 32.1 96.3

Manual Integrations
 APPROVED

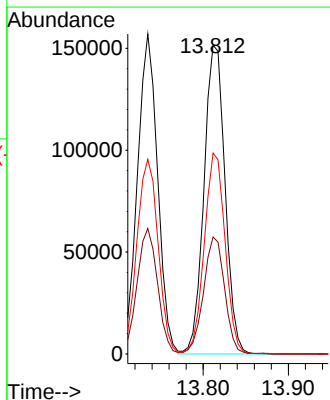
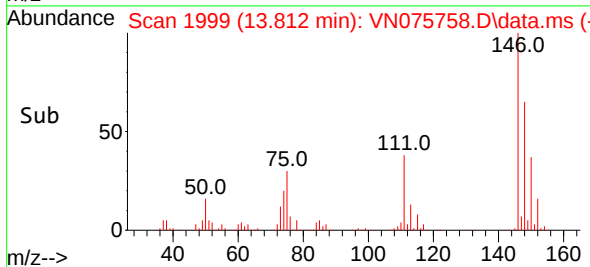
Reviewed By :Krupa Patel 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

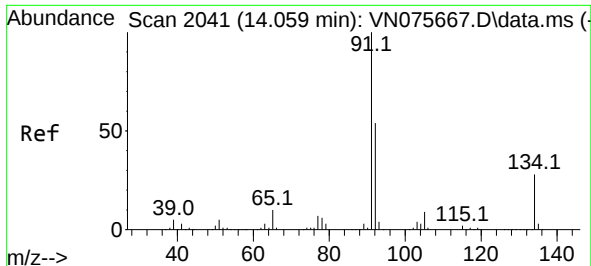


#88
 1,4-Dichlorobenzene
 Concen: 47.152 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: VN075758.D
 Acq: 13 Dec 2022 12:03



Tgt Ion:146 Resp: 259963
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.1
 148 64.6 32.1 96.3





#89

n-Butylbenzene

Concen: 50.070 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN075758.D

Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 403350

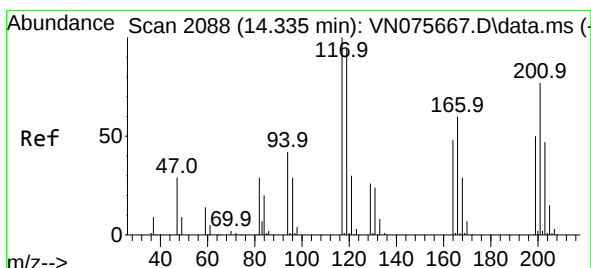
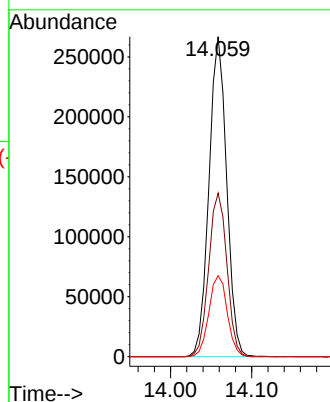
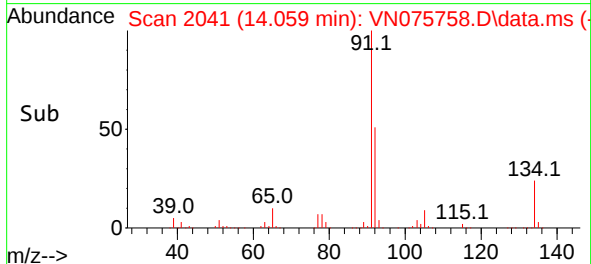
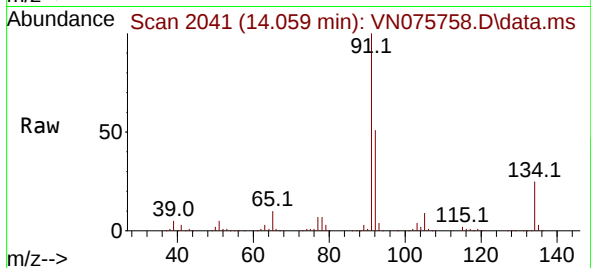
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.7	80.1
134	26.3	13.9	41.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#90

Hexachloroethane

Concen: 52.103 ug/l

RT: 14.335 min Scan# 2088

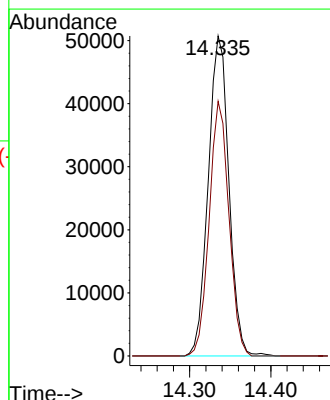
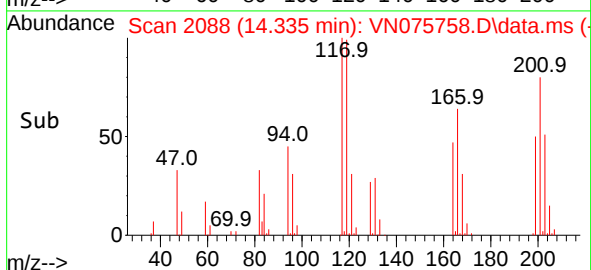
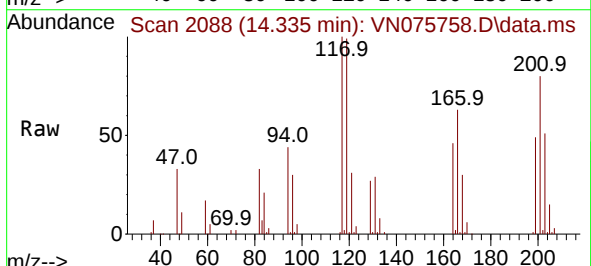
Delta R.T. 0.000 min

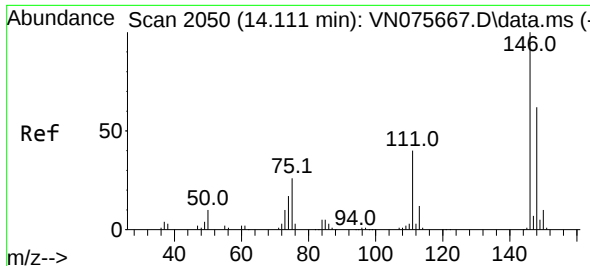
Lab File: VN075758.D

Acq: 13 Dec 2022 12:03

Tgt Ion:117 Resp: 89702

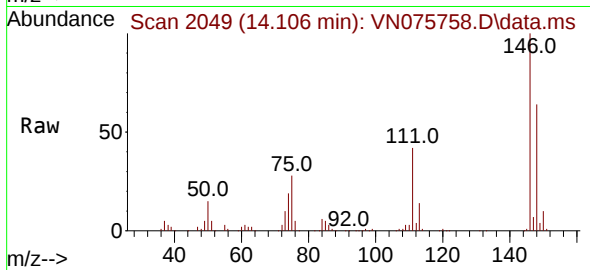
Ion	Ratio	Lower	Upper
117	100		
201	75.9	39.2	117.6





#91
1,2-Dichlorobenzene
Concen: 48.601 ug/l
RT: 14.106 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

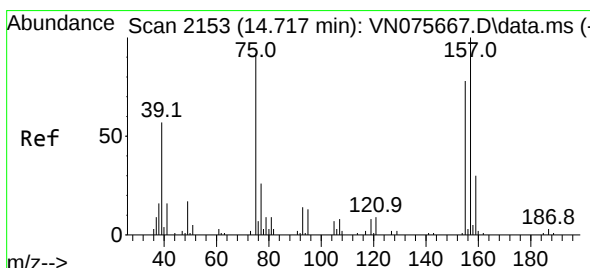
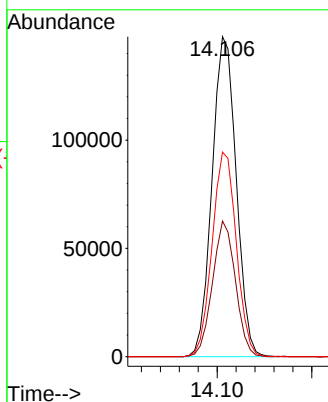
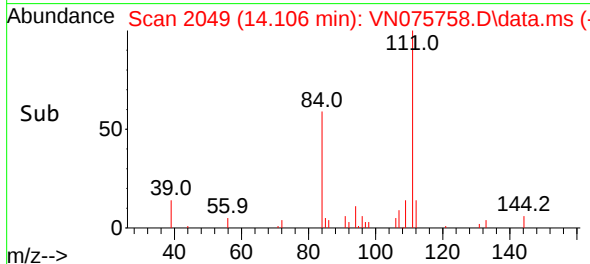
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 262128
Ion Ratio Lower Upper
146 100
111 40.3 20.1 60.3
148 64.0 31.9 95.5

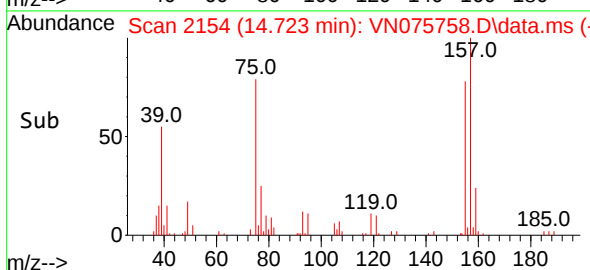
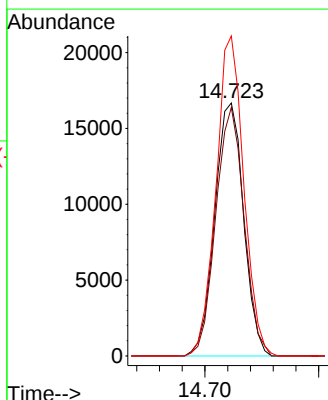
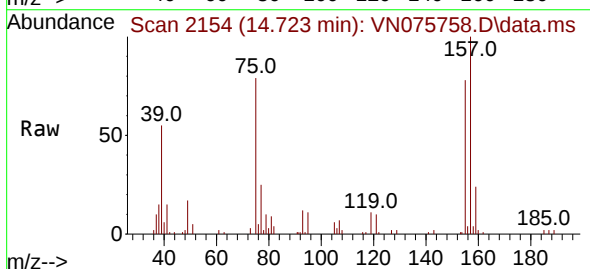
Manual Integrations
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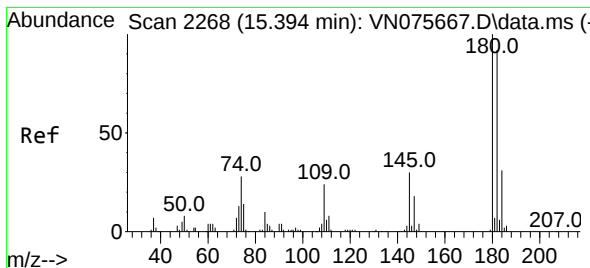
Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.590 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Tgt Ion: 75 Resp: 29349
Ion Ratio Lower Upper
75 100
155 96.2 48.4 145.2
157 121.8 63.5 190.6





#93

1,2,4-Trichlorobenzene

Concen: 51.383 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN075758.D

Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

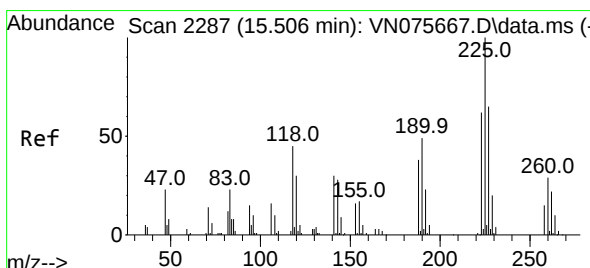
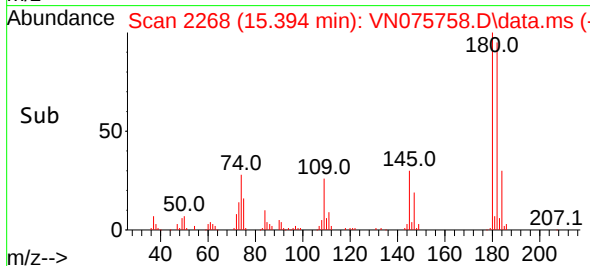
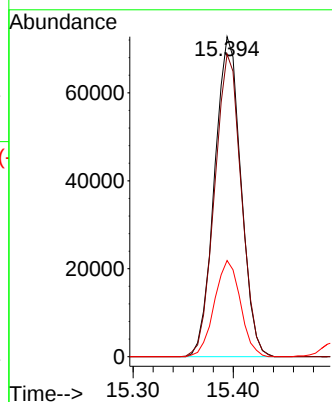
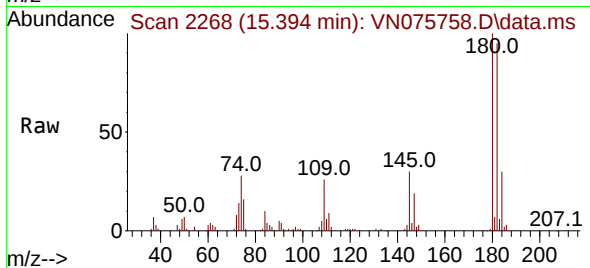
Tgt Ion:	180	Resp:	13305
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.1	141.3
145	29.6	15.2	45.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#94

Hexachlorobutadiene

Concen: 45.763 ug/l

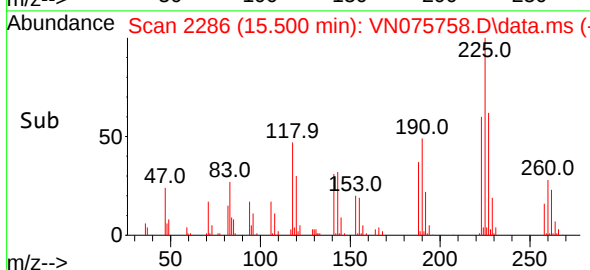
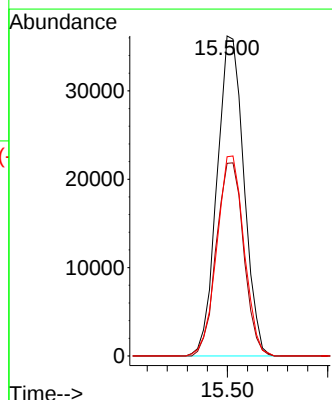
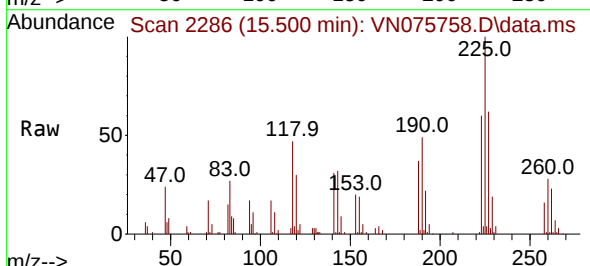
RT: 15.500 min Scan# 2286

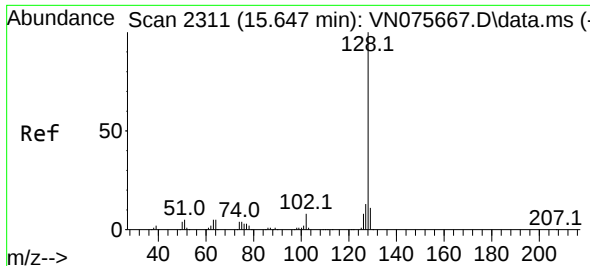
Delta R.T. -0.006 min

Lab File: VN075758.D

Acq: 13 Dec 2022 12:03

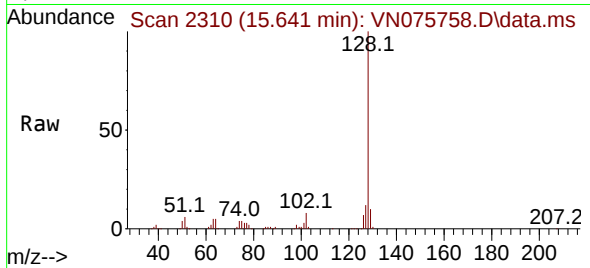
Tgt Ion:	225	Resp:	67234
Ion Ratio	Lower	Upper	
225	100		
223	61.4	31.4	94.2
227	63.4	31.3	93.9





#95
Naphthalene
Concen: 50.047 ug/l
RT: 15.641 min Scan# 2311
Delta R.T. -0.006 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

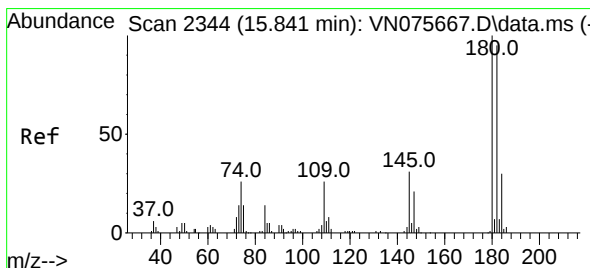
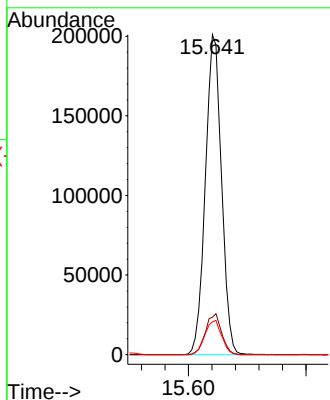
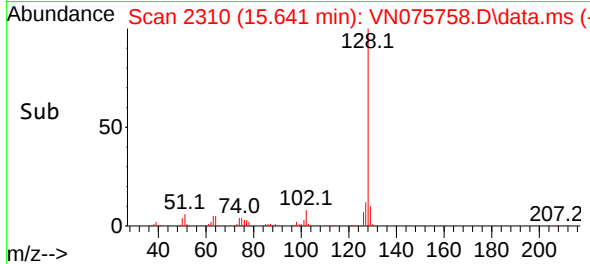
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 383019
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.1 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 50.378 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075758.D
Acq: 13 Dec 2022 12:03

Tgt Ion:180 Resp: 128181
Ion Ratio Lower Upper
180 100
182 96.6 46.8 140.4
145 32.8 15.6 46.8

